

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF073119\
 Data File : BF115863.D
 Acq On : 31 Jul 2019 13:59
 Operator : HP/JU
 Sample : PB121801BSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB121801BSD

Quant Time: Aug 01 04:51:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	144439	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	581607	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	308208	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	529783	20.00	ng	0.00
76) Chrysene-d12	14.02	240	400691	20.00	ng	0.00
87) Perylene-d12	15.49	264	379931	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	984701	114.13	ng	0.02
7) Phenol-d6	6.49	99	1275617	117.18	ng	0.00
23) Nitrobenzene-d5	7.42	82	829718	82.35	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	348423	116.60	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1401002	85.14	ng	0.00
79) Terphenyl-d14	12.96	244	1494445	78.59	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.72	88	183694	42.143	ng	99
3) Pyridine	3.46	79	478101	39.266	ng	98
4) n-Nitrosodimethylamine	3.41	42	210938	43.899	ng	99
6) Aniline	6.52	93	524392	33.637	ng	99
8) 2-Chlorophenol	6.64	128	432637	45.346	ng	97
9) Benzaldehyde	6.40	77	251974	33.547	ng	97
10) Phenol	6.50	94	562990	43.918	ng	93
11) bis(2-Chloroethyl)ether	6.59	93	411343	43.645	ng	100
12) 1,3-Dichlorobenzene	6.79	146	473010	42.898	ng	97
13) 1,4-Dichlorobenzene	6.87	146	477160	43.220	ng	99
14) 1,2-Dichlorobenzene	7.02	146	439714	43.254	ng	99
15) Benzyl Alcohol	6.99	79	369866	44.771	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.13	45	544339	42.343	ng	98
17) 2-Methylphenol	7.10	107	364508	45.119	ng	99
18) Hexachloroethane	7.36	117	172746	42.498	ng	95
19) n-Nitroso-di-n-propylamine	7.27	70	293983	43.581	ng	98
20) 3+4-Methylphenols	7.26	107	433870	45.383	ng	92
22) Acetophenone	7.26	105	581618	45.598	ng	99
24) Nitrobenzene	7.43	77	481260	44.235	ng	97
25) Isophorone	7.67	82	853972	44.324	ng	100
26) 2-Nitrophenol	7.75	139	236556	46.127	ng	97
27) 2,4-Dimethylphenol	7.79	122	381129	49.397	ng	98
28) bis(2-Chloroethoxy)methane	7.88	93	512991	42.958	ng	99
29) 2,4-Dichlorophenol	7.99	162	368532	45.237	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	406137	43.735	ng	99
31) Naphthalene	8.16	128	1239473	45.287	ng	100
32) Benzoic acid	7.93	122	254814	46.843	ng	98
33) 4-Chloroaniline	8.20	127	285378	23.337	ng	99
34) Hexachlorobutadiene	8.27	225	225635	42.183	ng	100
35) Caprolactam	8.58	113	58779	22.308	ng	95
36) 4-Chloro-3-methylphenol	8.69	107	385119	45.441	ng	97
37) 2-Methylnaphthalene	8.85	142	827095	45.886	ng	100
38) 1-Methylnaphthalene	8.95	142	773775	45.376	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	364157	44.196	ng	99

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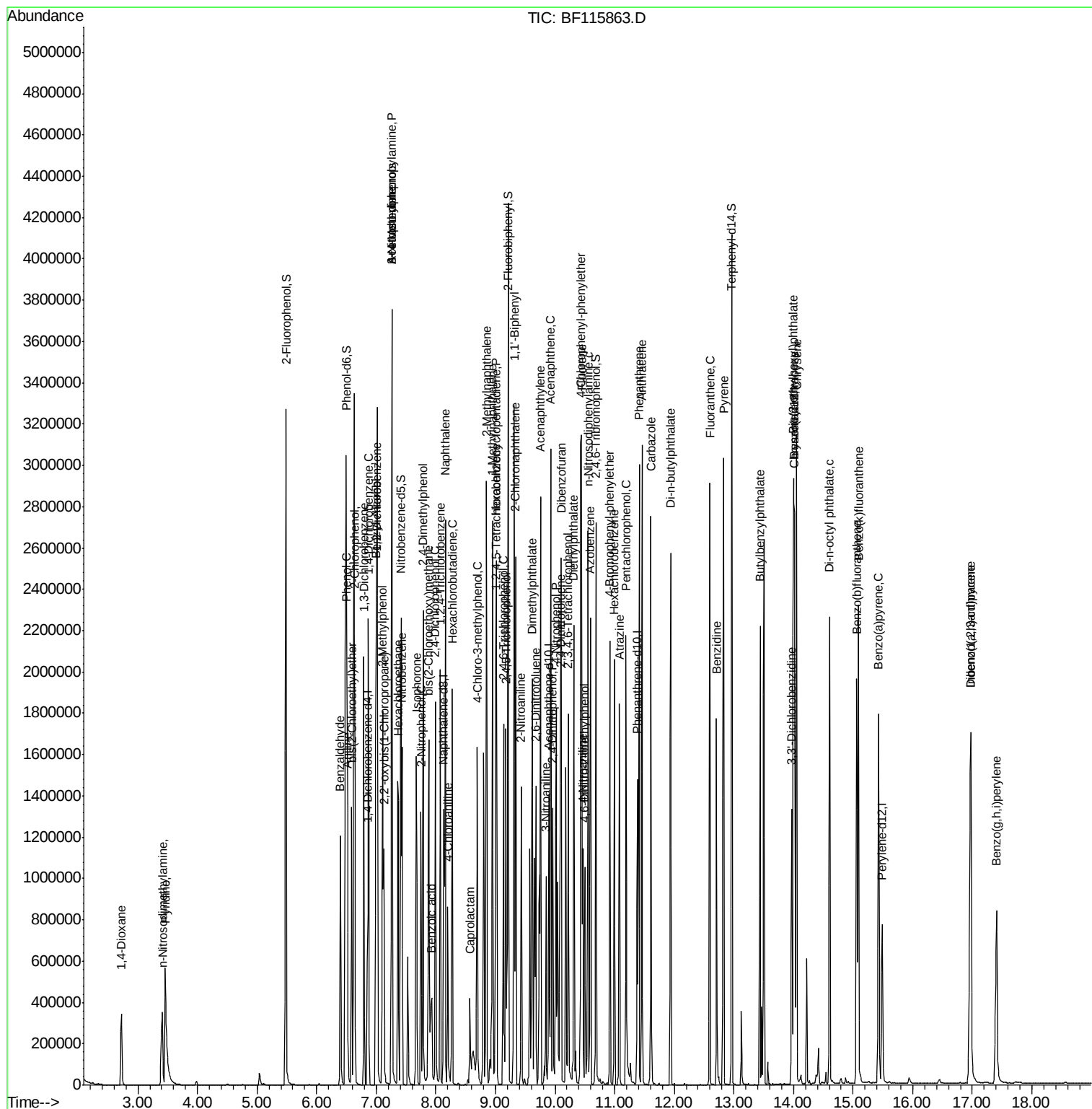
Instrument :
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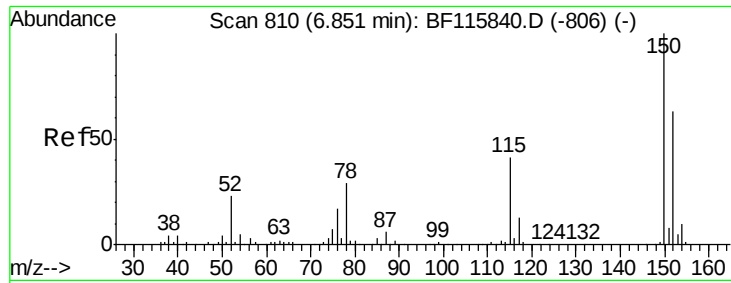
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	319318	85.857	ng	98
43) 2,4,6-Trichlorophenol	9.13	196	240844	42.466	ng	100
44) 2,4,5-Trichlorophenol	9.17	196	262343	44.749	ng	99
46) 1,1'-Biphenyl	9.32	154	979371	45.009	ng	99
47) 2-Chloronaphthalene	9.34	162	777299	42.920	ng	98
48) 2-Nitroaniline	9.43	65	246575	41.191	ng	90
49) Acenaphthylene	9.76	152	1196033	45.268	ng	100
50) Dimethylphthalate	9.62	163	878430	41.859	ng	100
51) 2,6-Dinitrotoluene	9.68	165	199564	43.759	ng	100
52) Acenaphthene	9.93	154	710891	43.858	ng	99
53) 3-Nitroaniline	9.85	138	151418	26.871	ng	91
54) 2,4-Dinitrophenol	9.96	184	186712	80.447	ng	# 88
55) Dibenzofuran	10.10	168	1058531	44.906	ng	99
56) 4-Nitrophenol	10.02	139	347941	96.387	ng	98
57) 2,4-Dinitrotoluene	10.09	165	269977	44.463	ng	97
58) Fluorene	10.45	166	798347	44.021	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	218715	44.344	ng	99
60) Diethylphthalate	10.32	149	818334	41.767	ng	99
61) 4-Chlorophenyl-phenylether	10.43	204	398053	43.338	ng	99
62) 4-Nitroaniline	10.47	138	226966	38.974	ng	96
63) Azobenzene	10.59	77	876709	43.504	ng	99
65) 4,6-Dinitro-2-methylphenol	10.50	198	132245	47.104	ng	97
66) n-Nitrosodiphenylamine	10.55	169	716510	44.934	ng	100
67) 4-Bromophenyl-phenylether	10.92	248	241756	42.628	ng	99
68) Hexachlorobenzene	11.00	284	277433	42.305	ng	97
69) Atrazine	11.08	200	221870	42.294	ng	99
70) Pentachlorophenol	11.19	266	288644	90.658	ng	99
71) Phenanthrene	11.41	178	1189403	43.916	ng	100
72) Anthracene	11.46	178	1233593	45.005	ng	99
73) Carbazole	11.61	167	1119129	45.004	ng	99
74) Di-n-butylphthalate	11.94	149	1226675	42.286	ng	100
75) Fluoranthene	12.60	202	1249372	44.064	ng	100
77) Benzidine	12.71	184	660155	48.767	ng	99
78) Pyrene	12.83	202	1290954	42.740	ng	100
80) Butylbenzylphthalate	13.44	149	528459	41.361	ng	98
81) Benzo(a)anthracene	14.01	228	1087465	42.461	ng	99
82) 3,3'-Dichlorobenzidine	13.97	252	274159	30.813	ng	# 98
83) Chrysene	14.05	228	1082480	43.536	ng	100
84) Bis(2-ethylhexyl)phthalate	14.00	149	695450	41.886	ng	100
85) Di-n-octyl phthalate	14.60	149	1138064	43.154	ng	100
86) Indeno(1,2,3-cd)pyrene	16.97	276	922360	44.168	ng	100
88) Benzo(b)fluoranthene	15.06	252	952301	43.349	ng	97
89) Benzo(k)fluoranthene	15.09	252	969443	45.307	ng	99
90) Benzo(a)pyrene	15.43	252	912185	46.451	ng	99
91) Dibenzo(a,h)anthracene	16.98	278	765073	45.008	ng	99
92) Benzo(g,h,i)perylene	17.41	276	753517	45.136	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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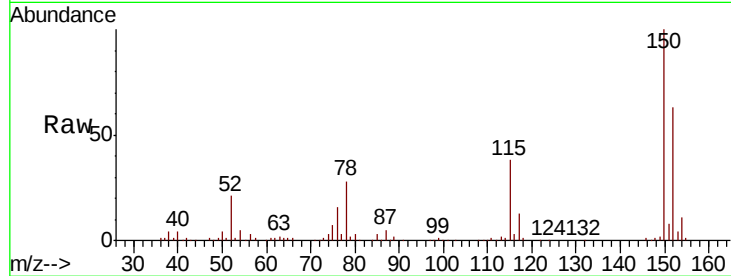


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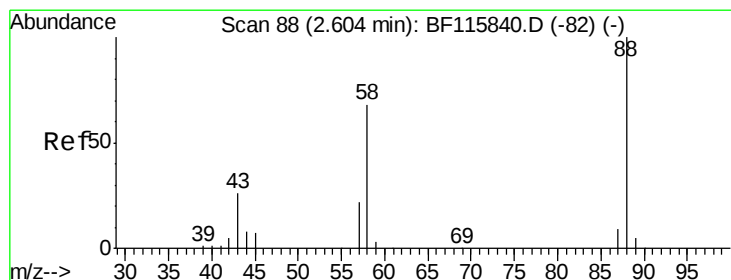
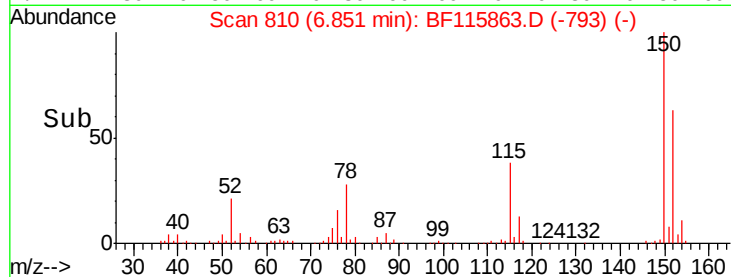
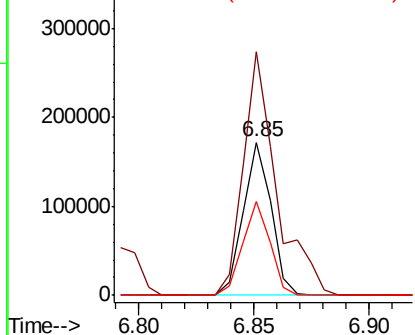
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF115863.D
Acq: 31 Jul 2019 13:59

Instrument :
BNA_F
ClientSampleId :
PB121801BSD

Tgt Ion: 152 Resp: 144439
Ion Ratio Lower Upper
152 100
150 158.7 127.4 191.0
115 61.1 51.8 77.8



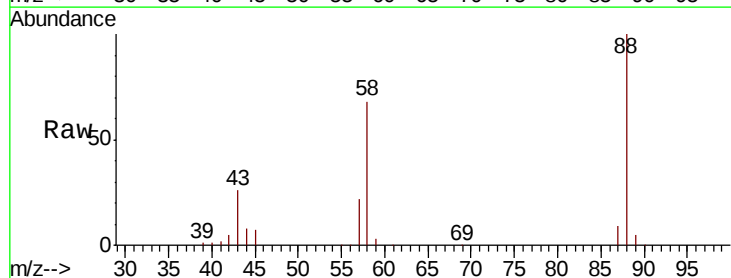
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



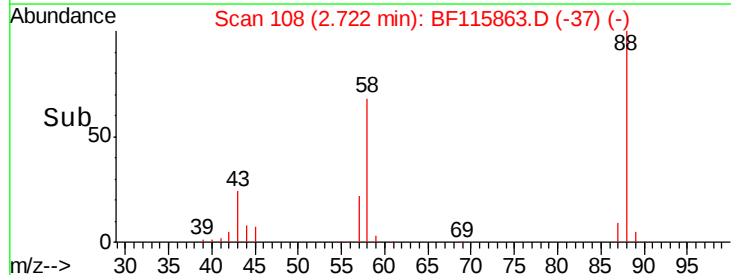
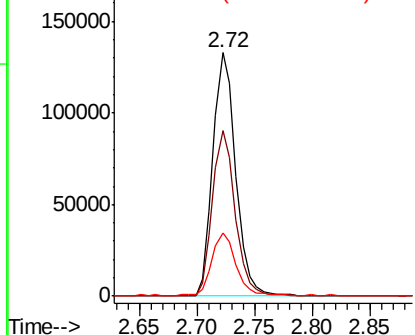
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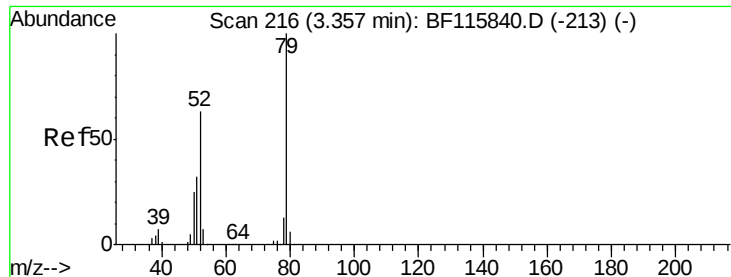
1,4-Dioxane
Concen: 42.143 ng
RT: 2.72 min Scan# 108
Delta R.T. 0.12 min
Lab File: BF115863.D
Acq: 31 Jul 2019 13:59

Tgt Ion: 88 Resp: 183694
Ion Ratio Lower Upper
88 100
58 67.9 54.1 81.1
43 26.4 20.7 31.1



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1

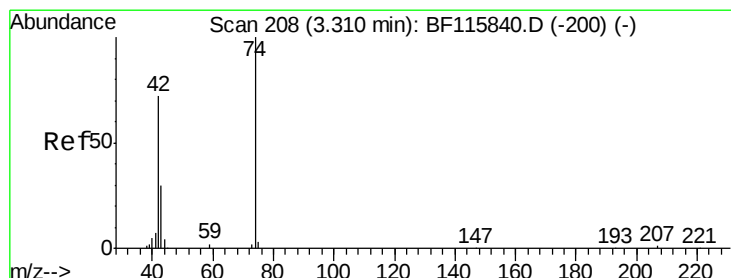
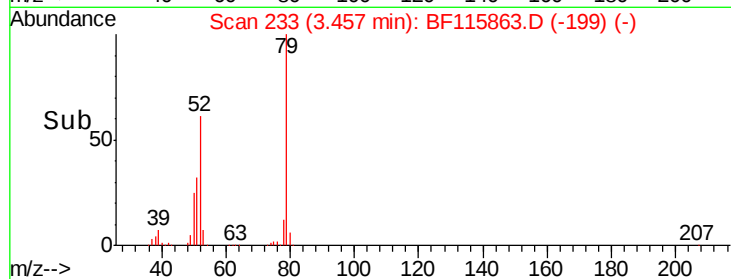
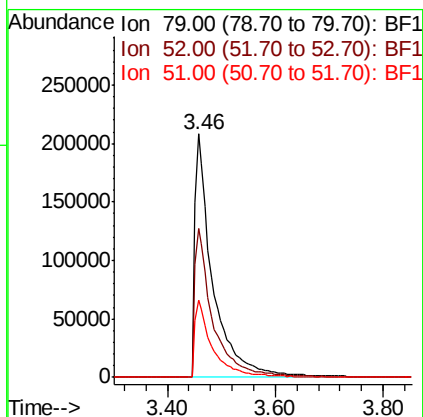
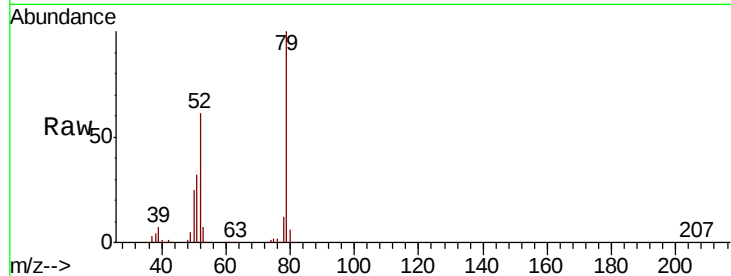




#3
 Pyridine
 Concen: 39.266 ng
 RT: 3.46 min Scan# 233
 Delta R.T. 0.10 min
 Lab File: BF115863.D
 Acq: 31 Jul 2019 13:59

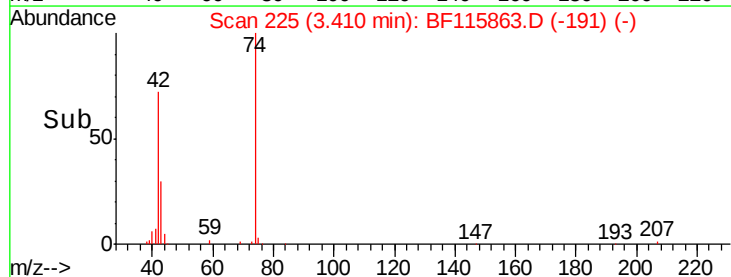
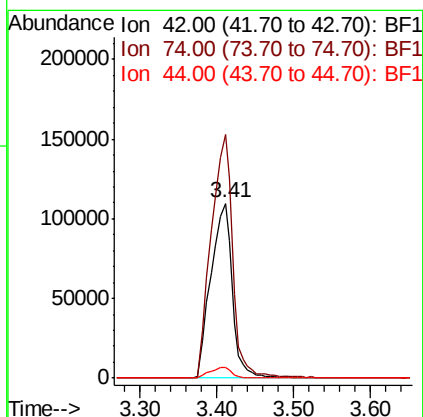
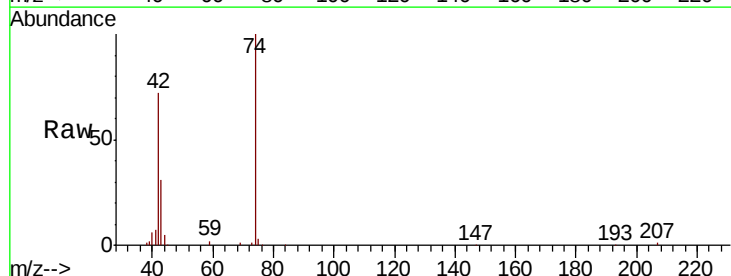
Instrument :
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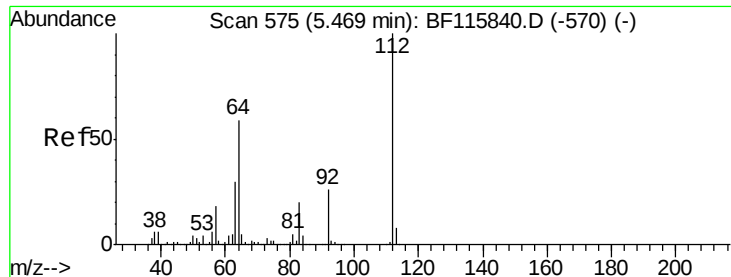
Tgt Ion: 79 Resp: 478101
 Ion Ratio Lower Upper
 79 100
 52 61.2 50.2 75.4
 51 31.8 25.8 38.6



#4
 n-Nitrosodimethylamine
 Concen: 43.899 ng
 RT: 3.41 min Scan# 225
 Delta R.T. 0.10 min
 Lab File: BF115863.D
 Acq: 31 Jul 2019 13:59

Tgt Ion: 42 Resp: 210938
 Ion Ratio Lower Upper
 42 100
 74 139.3 111.0 166.4
 44 6.4 4.7 7.1





#5

2-Fluorophenol

Concen: 114.128 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.02 min

Lab File: BF115863.D

Acq: 31 Jul 2019 13:59

Instrument :

BNA_F

ClientSampleId :

PB121801BSD

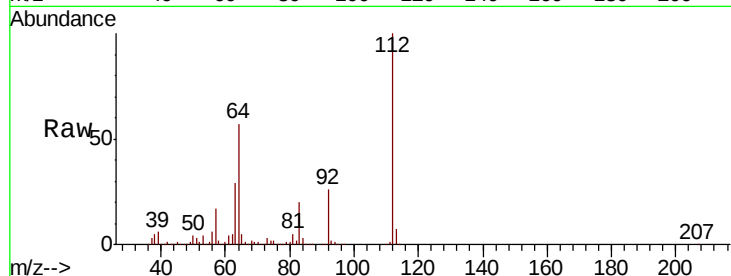
Tgt Ion: 112 Resp: 984701

Ion Ratio Lower Upper

112 100

64 56.5 46.8 70.2

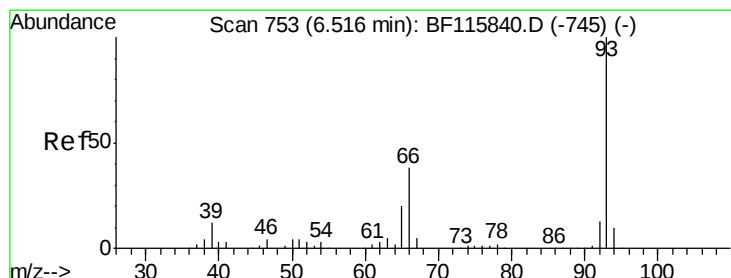
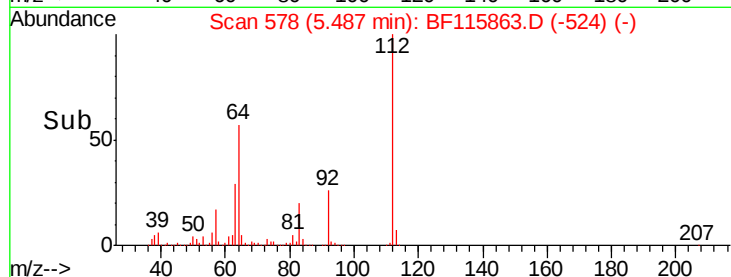
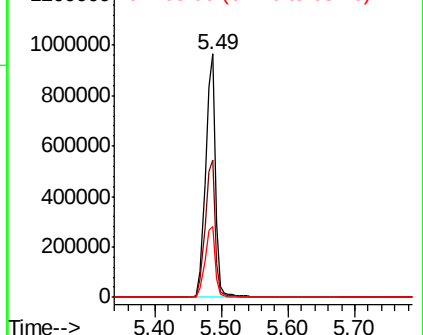
63 29.2 24.2 36.2



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 33.637 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF115863.D

Acq: 31 Jul 2019 13:59

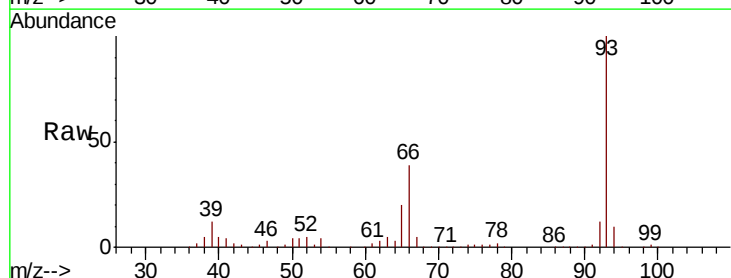
Tgt Ion: 93 Resp: 524392

Ion Ratio Lower Upper

93 100

66 39.4 31.4 47.0

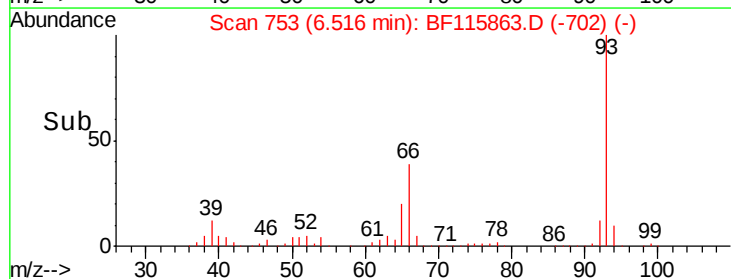
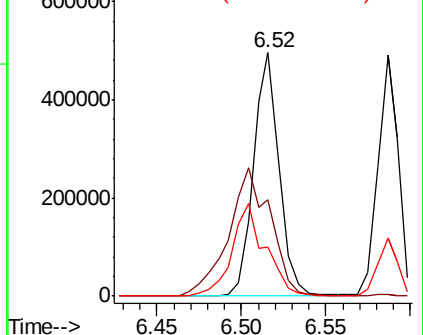
65 20.2 16.5 24.7

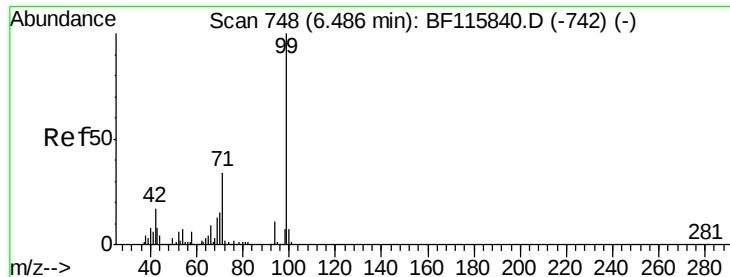


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 117.182 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF115863.D

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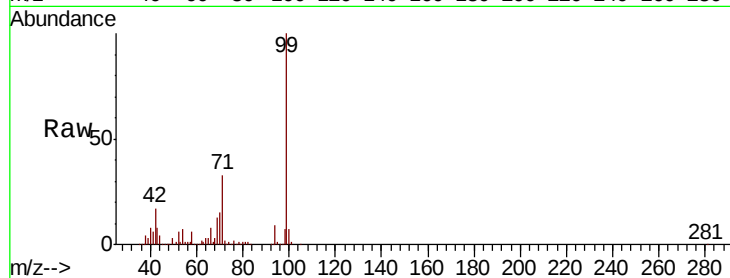
Tgt Ion: 99 Resp: 1275617

Ion Ratio Lower Upper

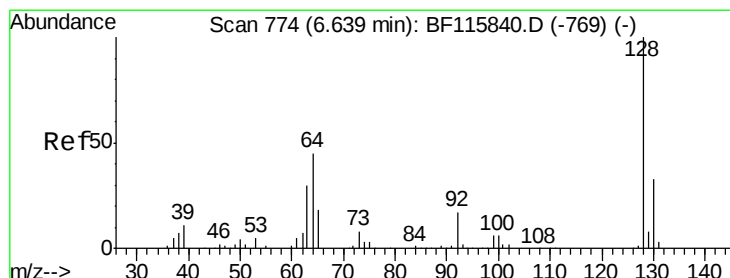
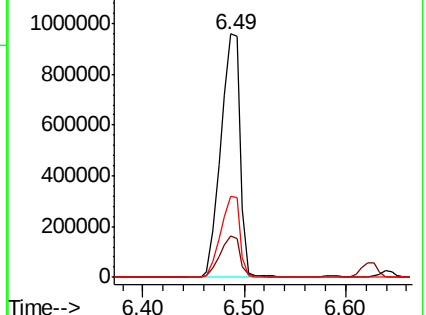
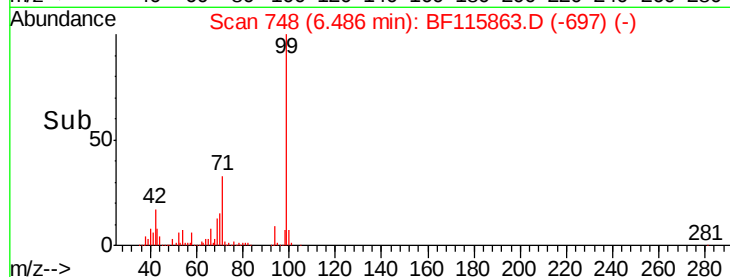
99 100

42 17.1 13.8 20.6

71 33.2 27.1 40.7



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 45.346 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF115863.D

Acq: 31 Jul 2019 13:59

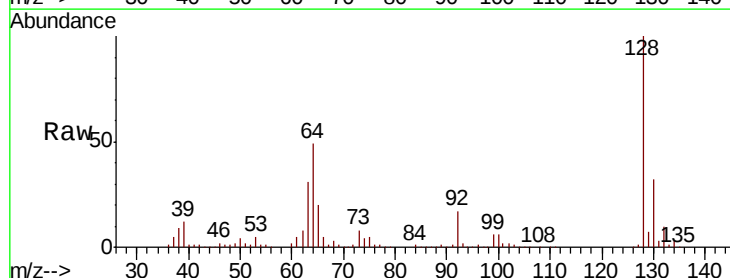
Tgt Ion: 128 Resp: 432637

Ion Ratio Lower Upper

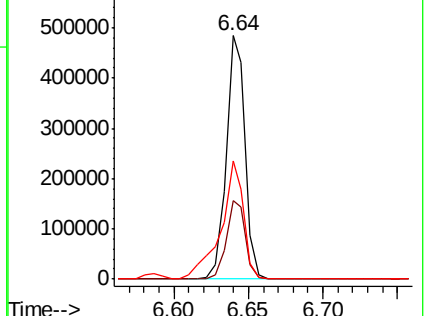
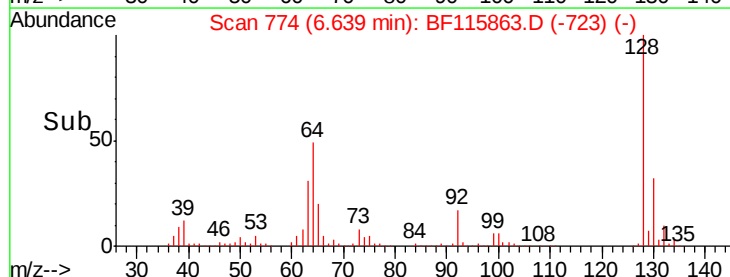
128 100

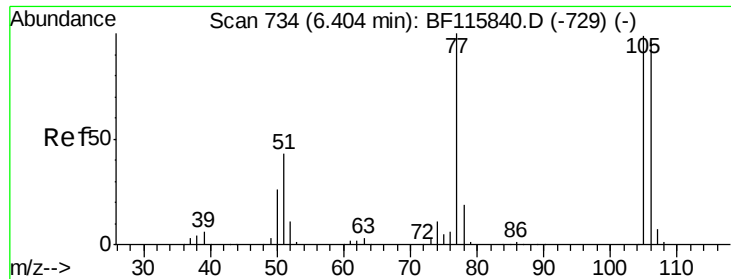
130 32.4 12.9 52.9

64 48.5 26.1 66.1



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1

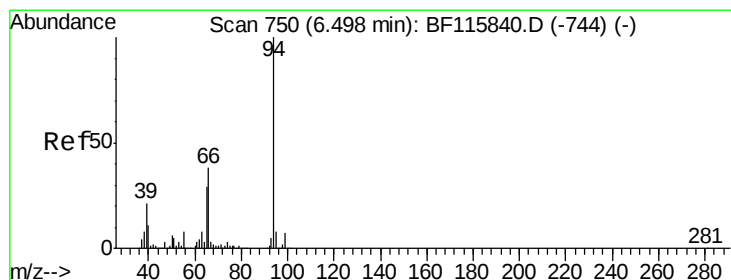
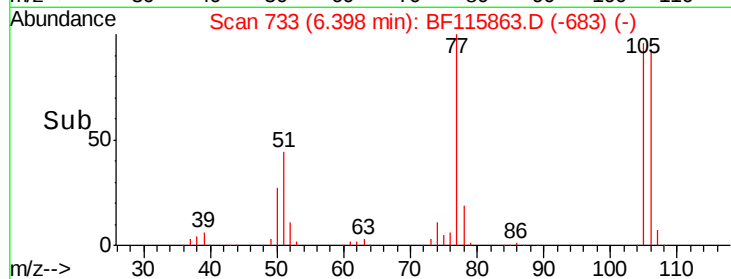
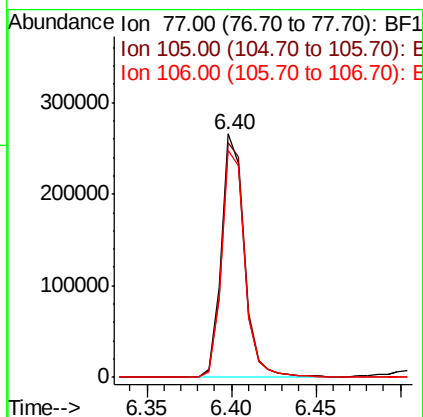
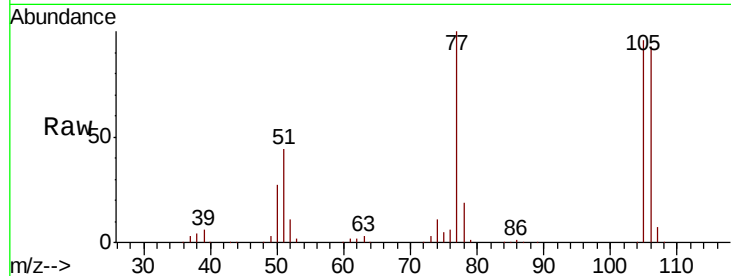




#9
Benzaldehyde
Concen: 33.547 ng
RT: 6.40 min Scan# 733
Delta R.T. -0.01 min
Lab File: BF115863.D
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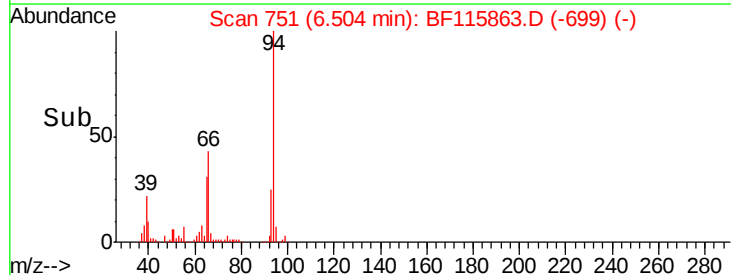
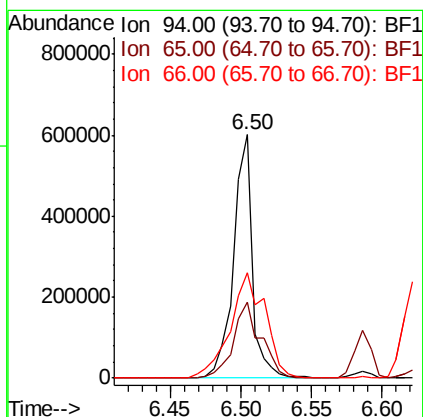
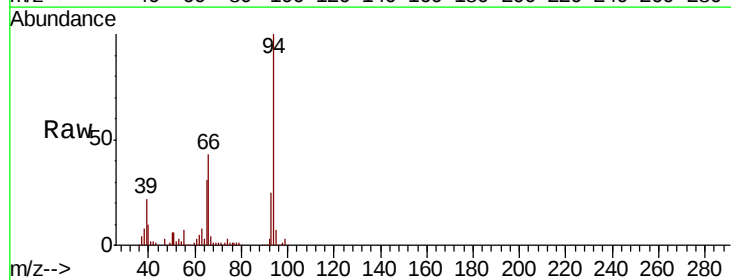
Instrument :
BNA_F
ClientSampleId :
PB121801BSD

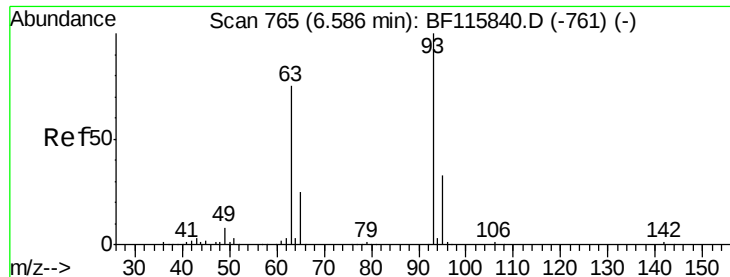
Tgt Ion: 77 Resp: 251974
Ion Ratio Lower Upper
77 100
105 96.1 79.0 119.0
106 93.0 76.2 116.2



#10
Phenol
Concen: 43.918 ng
RT: 6.50 min Scan# 751
Delta R.T. 0.01 min
Lab File: BF115863.D
Acq: 31 Jul 2019 13:59

Tgt Ion: 94 Resp: 562990
Ion Ratio Lower Upper
94 100
65 31.4 8.9 48.9
66 43.3 18.0 58.0

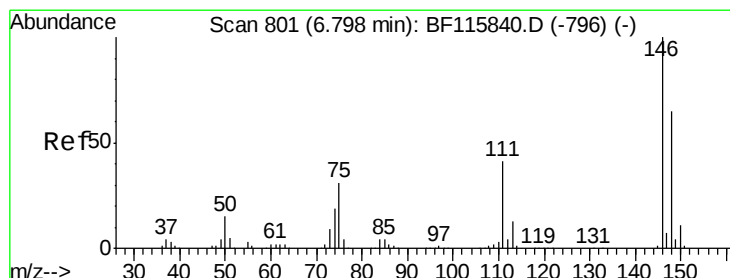
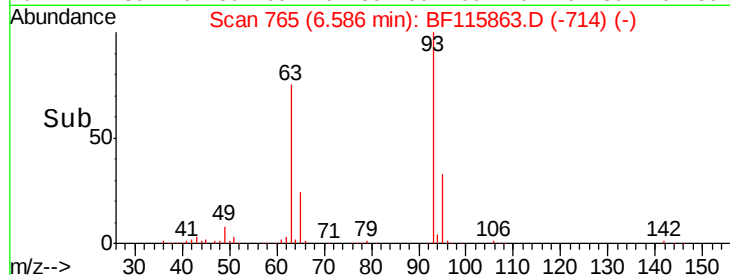
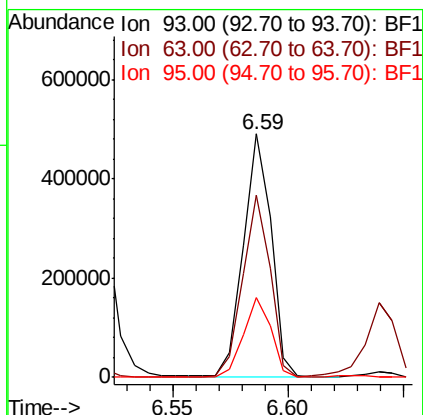
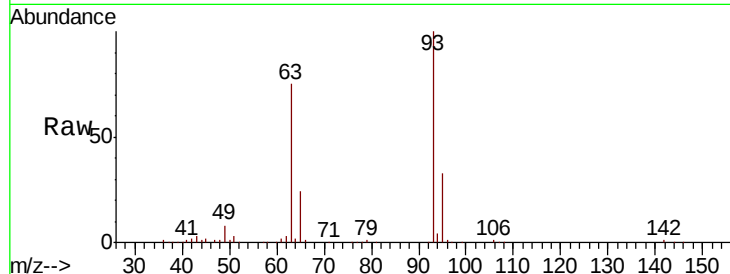




#11
 bis(2-Chloroethyl)ether
 Concen: 43.645 ng
 RT: 6.59 min Scan# 765
 Delta R.T. 0.00 min
 Lab File: BF115863.D
 Acq: 31 Jul 2019 13:59

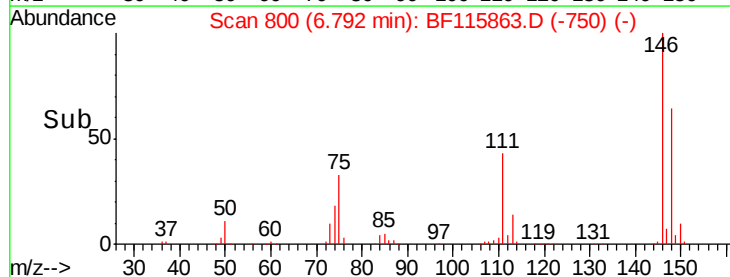
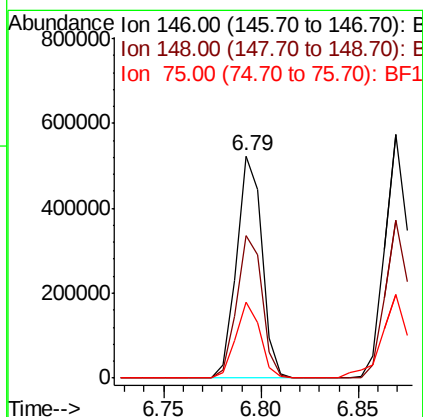
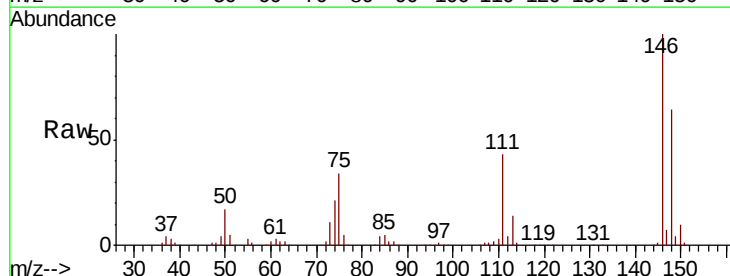
Instrument :
 BNA_F
 ClientSampleId :
 PB121801BSD

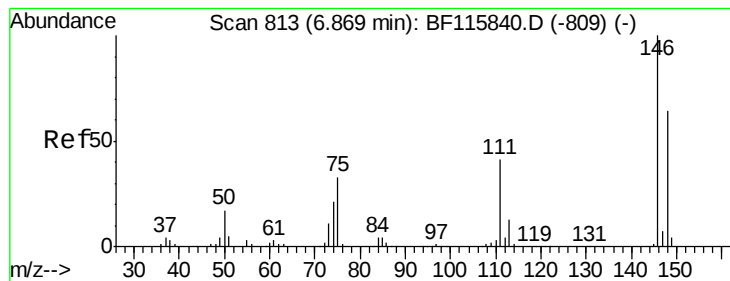
Tgt Ion: 93 Resp: 411343
 Ion Ratio Lower Upper
 93 100
 63 74.8 54.9 94.9
 95 32.9 13.3 53.3



#12
 1,3-Dichlorobenzene
 Concen: 42.898 ng
 RT: 6.79 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BF115863.D
 Acq: 31 Jul 2019 13:59

Tgt Ion: 146 Resp: 473010
 Ion Ratio Lower Upper
 146 100
 148 64.2 52.1 78.1
 75 34.2 25.0 37.6





#13

1,4-Dichlorobenzene

Concen: 43.220 ng

RT: 6.87 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF115863.D

Acq: 31 Jul 2019 13:59

Instrument :

BNA_F

ClientSampleId :

PB121801BSD

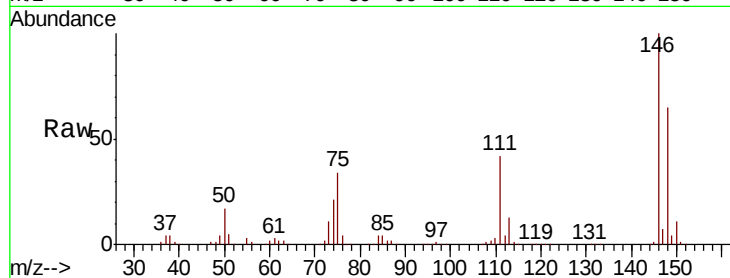
Tgt Ion:146 Resp: 477160

Ion Ratio Lower Upper

146 100

148 64.8 51.2 76.8

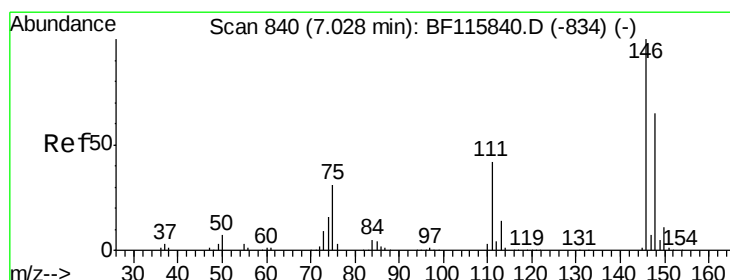
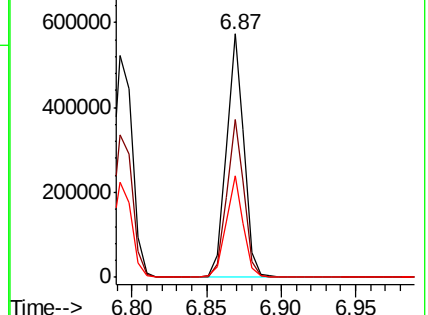
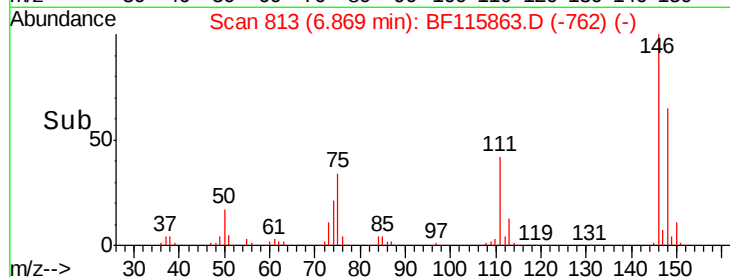
111 41.6 33.2 49.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 43.254 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF115863.D

Acq: 31 Jul 2019 13:59

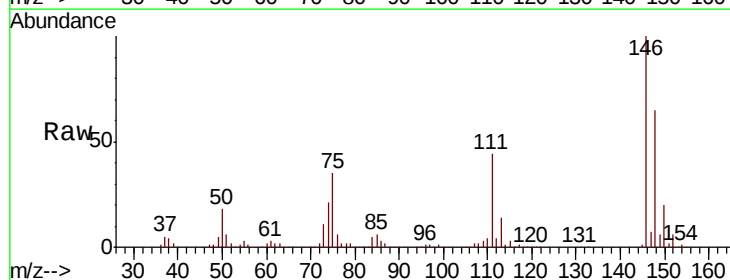
Tgt Ion:146 Resp: 439714

Ion Ratio Lower Upper

146 100

148 64.5 51.6 77.4

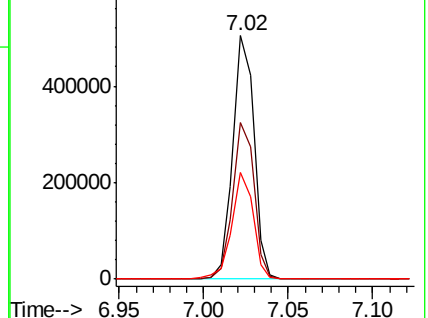
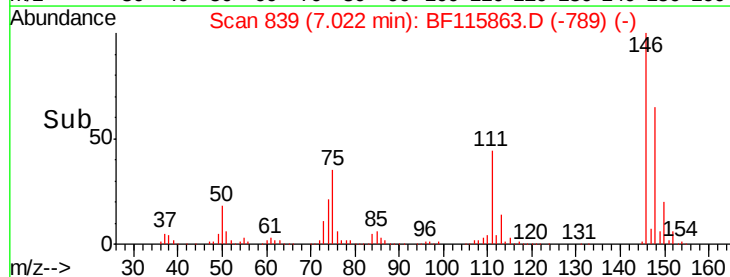
111 44.0 33.6 50.4

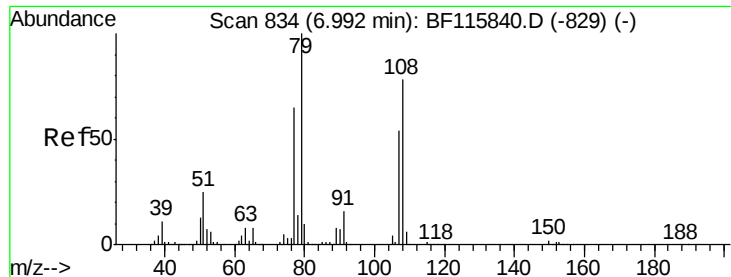


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 44.771 ng

RT: 6.99 min Scan# 834

Delta R.T. 0.00 min

Lab File: BF115863.D

Acq: 31 Jul 2019 13:59

Instrument :

BNA_F

ClientSampleId :

PB121801BSD

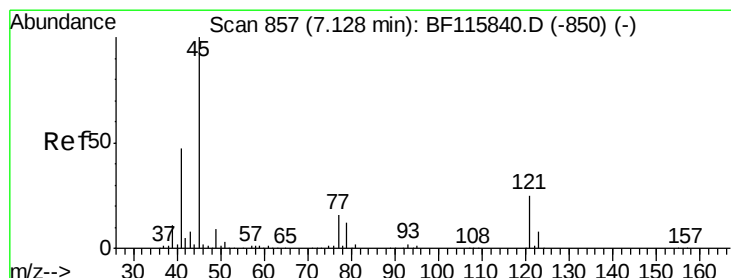
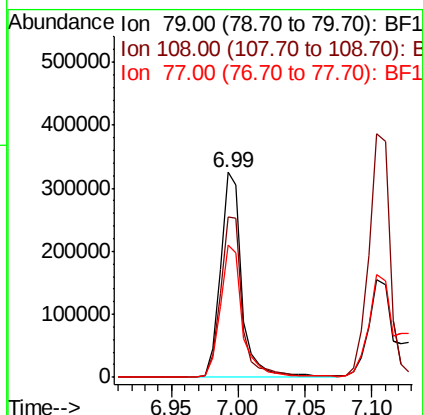
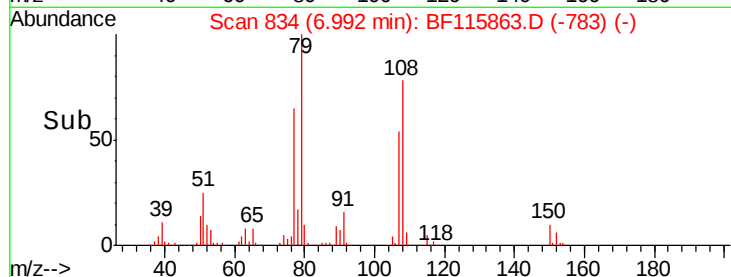
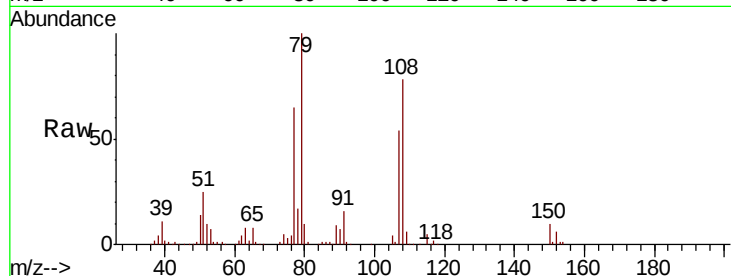
Tgt Ion: 79 Resp: 369866

Ion Ratio Lower Upper

79 100

108 78.5 62.8 94.2

77 64.7 52.0 78.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.343 ng

RT: 7.13 min Scan# 857

Delta R.T. -0.00 min

Lab File: BF115863.D

Acq: 31 Jul 2019 13:59

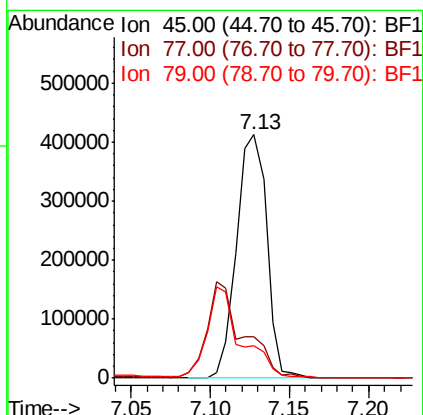
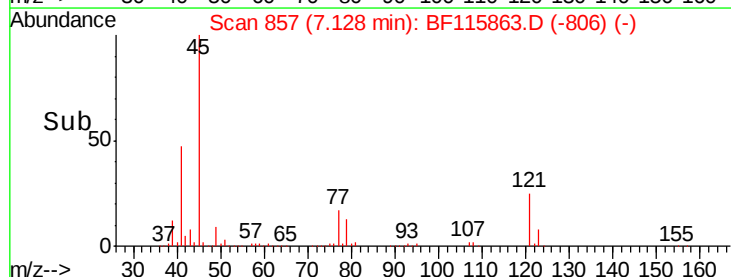
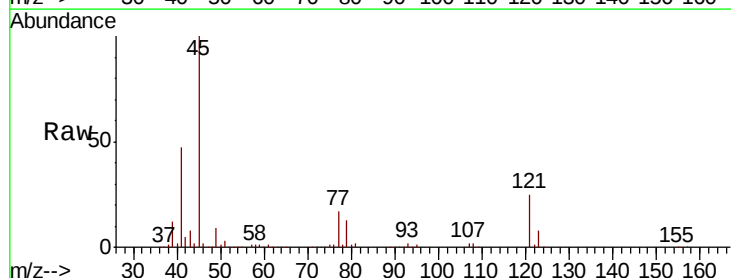
Tgt Ion: 45 Resp: 544339

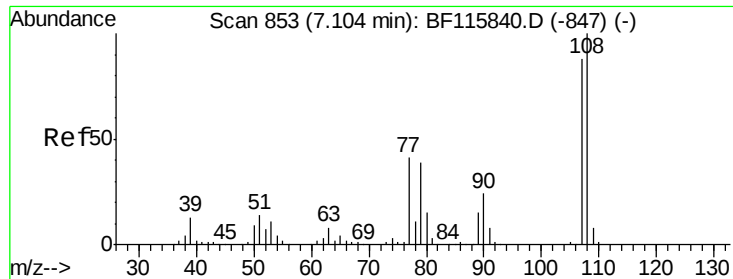
Ion Ratio Lower Upper

45 100

77 16.9 0.0 36.3

79 13.2 0.0 32.5

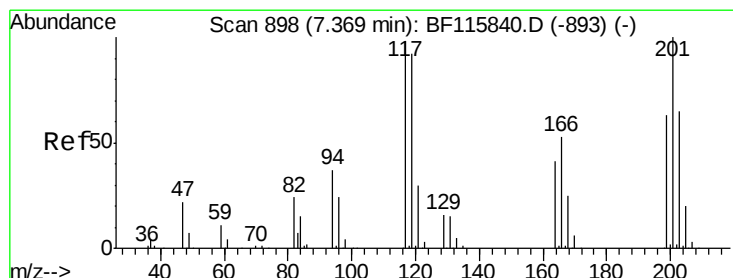
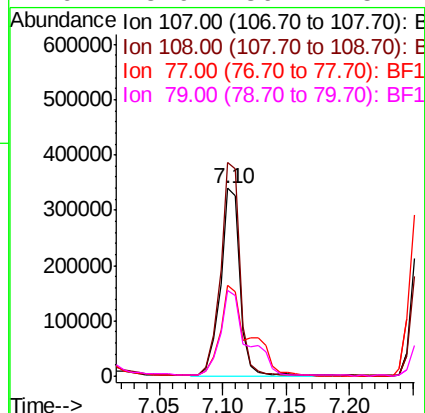
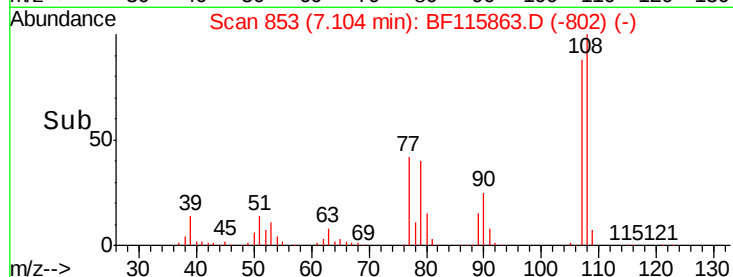
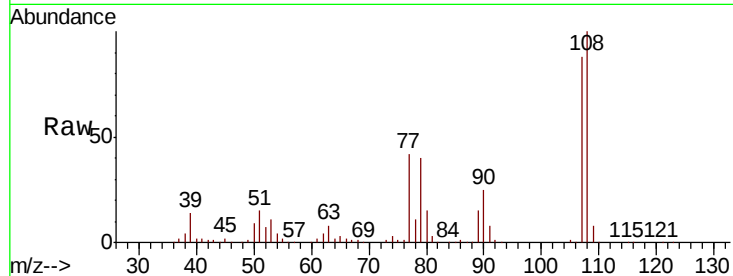




#17
2-Methylphenol
Concen: 45.119 ng
RT: 7.10 min Scan# 853
Delta R.T. 0.00 min
Lab File: BF115863.D
Acq: 31 Jul 2019 13:59

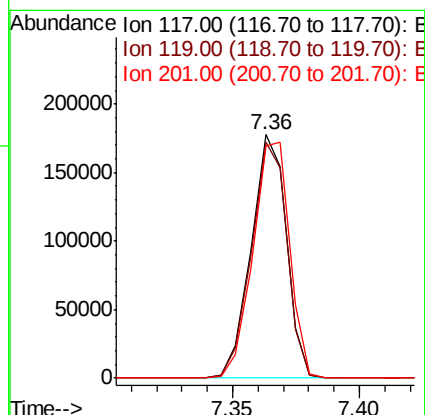
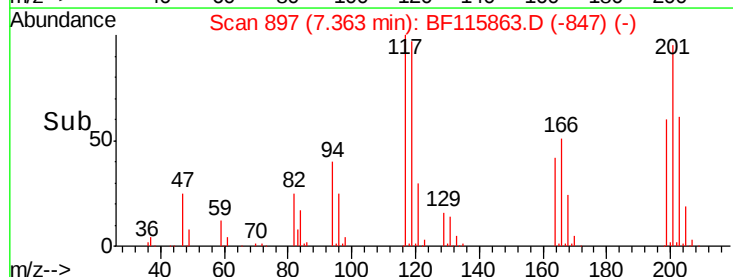
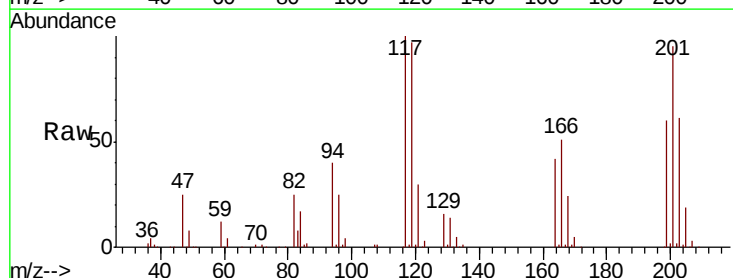
Instrument :
BNA_F
ClientSampleId :
PB121801BSD

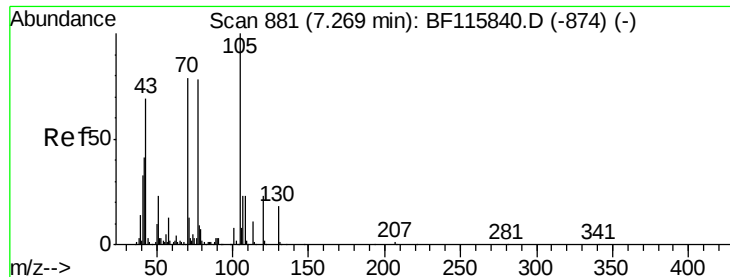
Tgt Ion:	107	Resp:	364508
Ion	Ratio	Lower	Upper
107	100		
108	113.8	91.4	137.0
77	48.2	37.6	56.4
79	45.9	36.2	54.4



#18
Hexachloroethane
Concen: 42.498 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF115863.D
Acq: 31 Jul 2019 13:59

Tgt Ion:	117	Resp:	172746
Ion	Ratio	Lower	Upper
117	100		
119	96.7	75.8	113.6
201	95.2	82.0	123.0

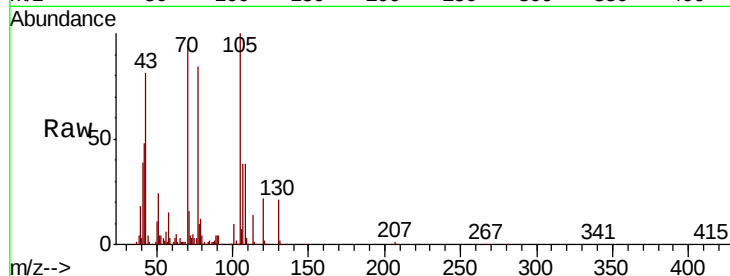




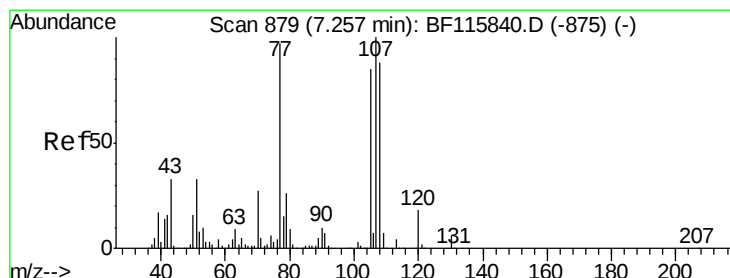
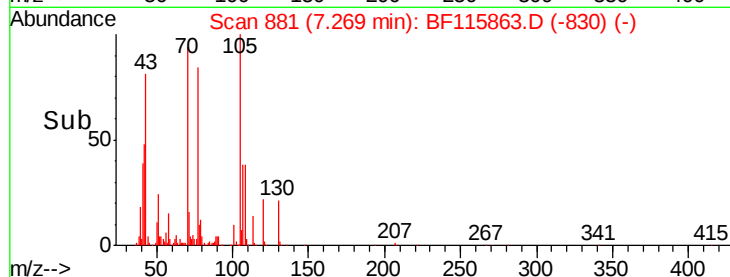
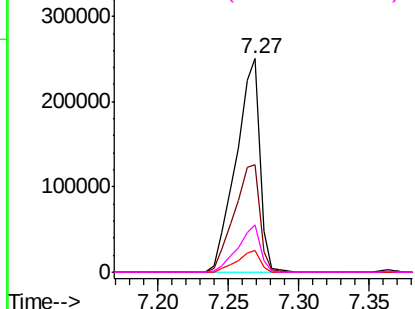
#19
n-Nitroso-di-n-propylamine
Concen: 43.581 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.00 min
Lab File: BF115863.D
Acq: 31 Jul 2019 13:59

Instrument :
BNA_F
ClientSampleId :
PB121801BSD

Tgt Ion: 70 Resp: 293983
Ion Ratio Lower Upper
70 100
42 50.5 41.8 62.8
101 10.1 7.7 11.5
130 22.3 17.8 26.6

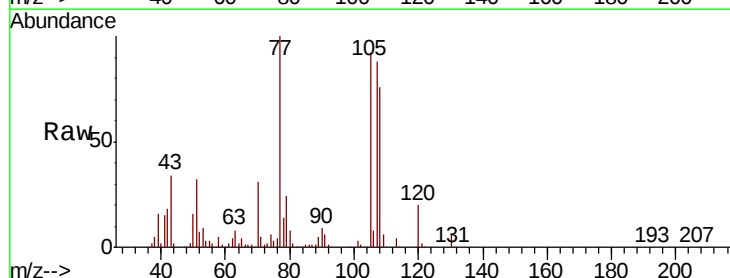


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

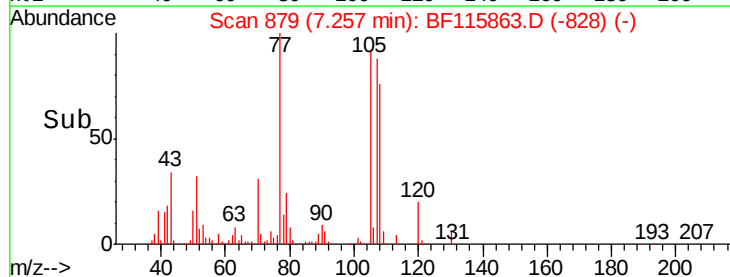
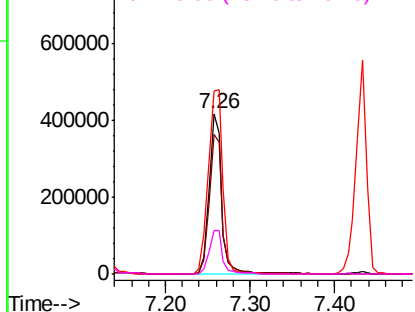


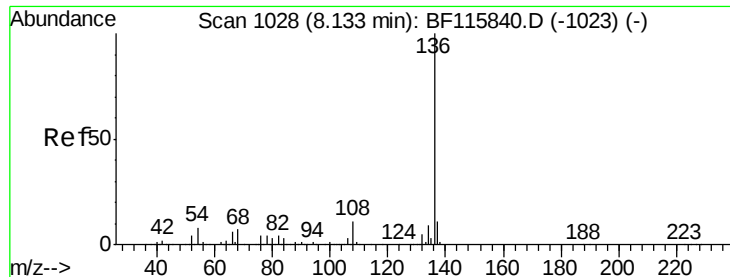
#20
3+4-Methylphenols
Concen: 45.383 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: BF115863.D
Acq: 31 Jul 2019 13:59

Tgt Ion: 107 Resp: 433870
Ion Ratio Lower Upper
107 100
108 87.2 67.9 107.9
77 114.2 77.3 117.3
79 27.1 6.6 46.6



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

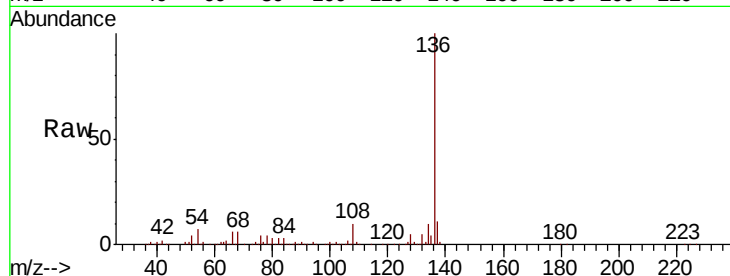




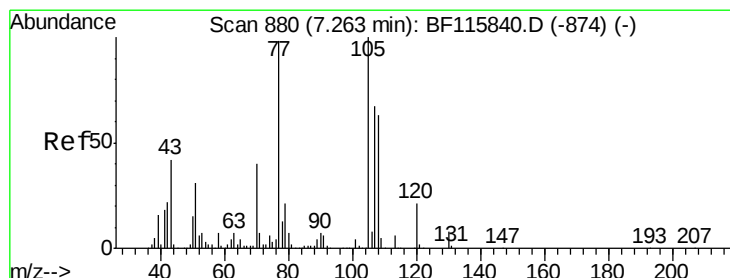
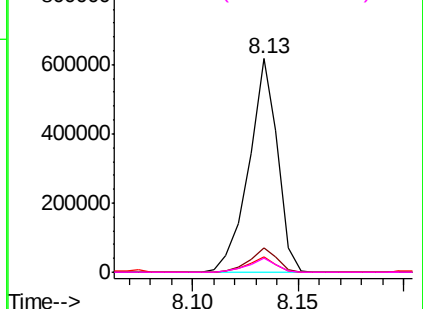
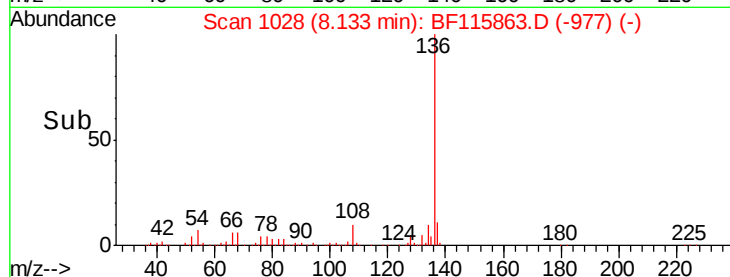
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF115863.D
Acq: 31 Jul 2019 13:59

Instrument :
BNA_F
ClientSampleId :
PB121801BSD

Tgt Ion:	136	Resp:	581607
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	7.4	6.1	9.1
68	6.4	5.4	8.2

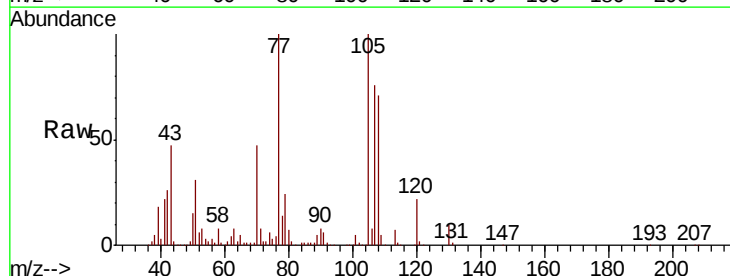


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

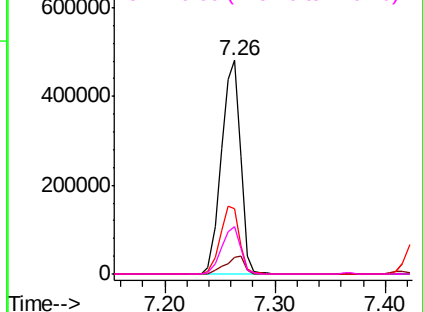
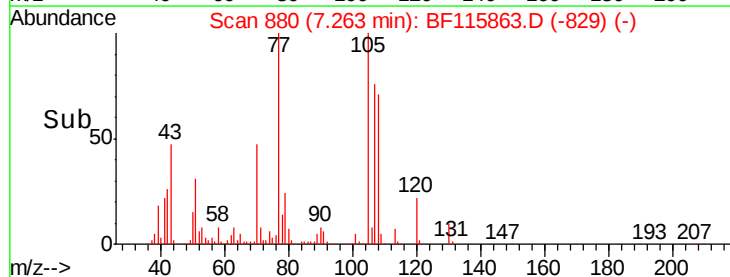


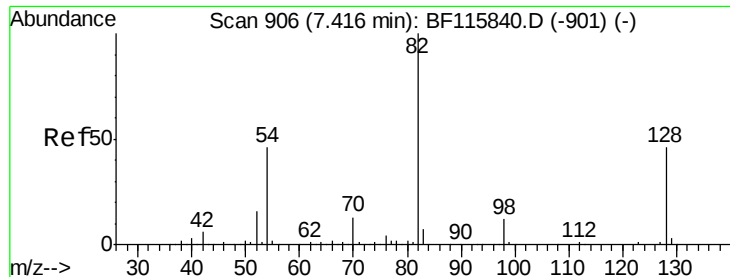
#22
Acetophenone
Concen: 45.598 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF115863.D
Acq: 31 Jul 2019 13:59

Tgt Ion:	105	Resp:	581618
Ion	Ratio	Lower	Upper
105	100		
71	7.6	5.4	8.0
51	30.7	24.6	36.8
120	22.0	17.0	25.6



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

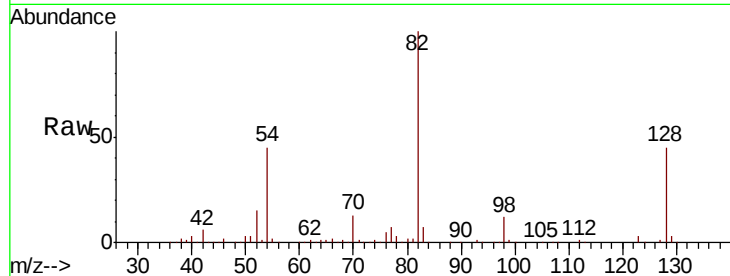




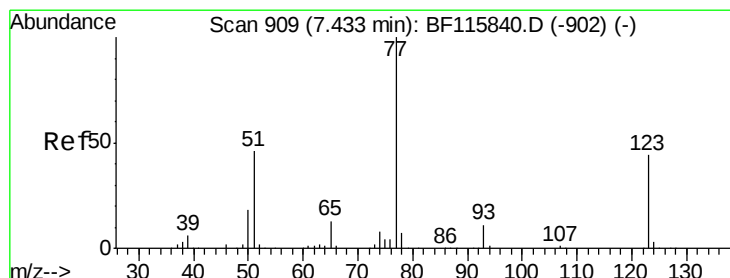
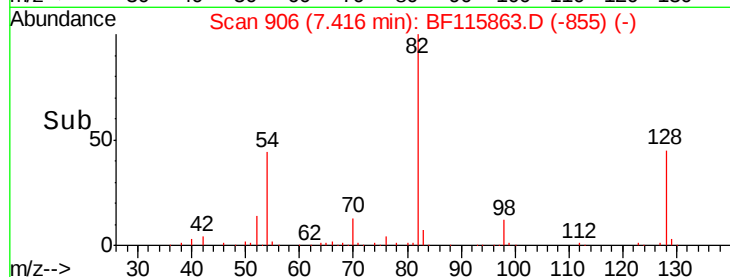
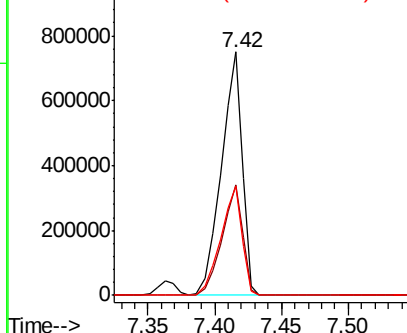
#23
 Nitrobenzene-d5
 Concen: 82.348 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.00 min
 Lab File: BF115863.D
 Acq: 31 Jul 2019 13:59

Instrument :
 BNA_F
 ClientSampleId :
 PB121801BSD

Tgt Ion: 82 Resp: 829718
 Ion Ratio Lower Upper
 82 100
 128 45.2 36.6 55.0
 54 44.8 36.6 55.0

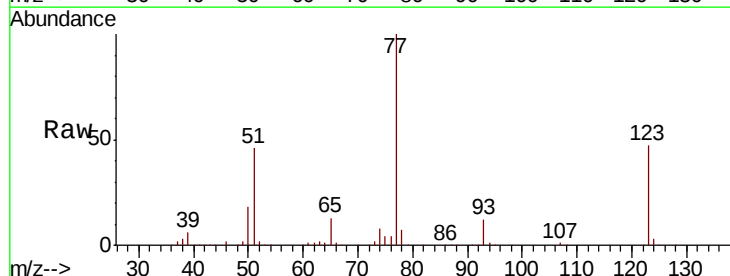


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

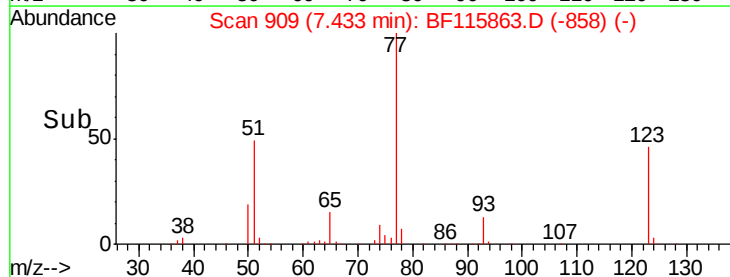
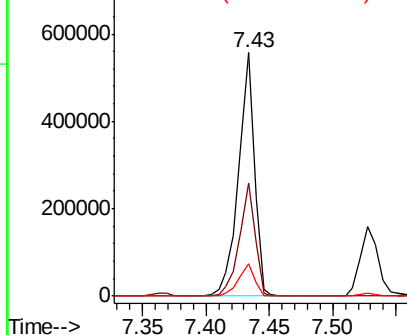


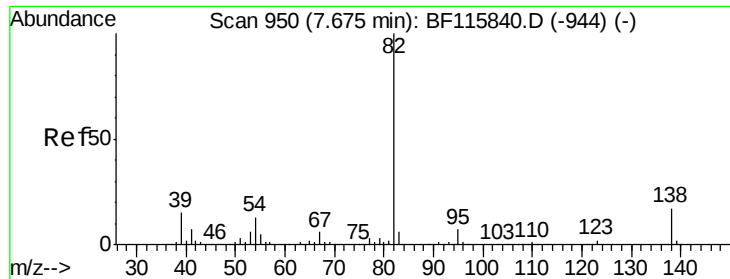
#24
 Nitrobenzene
 Concen: 44.235 ng
 RT: 7.43 min Scan# 909
 Delta R.T. 0.00 min
 Lab File: BF115863.D
 Acq: 31 Jul 2019 13:59

Tgt Ion: 77 Resp: 481260
 Ion Ratio Lower Upper
 77 100
 123 46.6 35.5 53.3
 65 13.3 10.6 15.8



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 44.324 ng

RT: 7.67 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF115863.D

Acq: 31 Jul 2019 13:59

Instrument :

BNA_F

ClientSampleId :

PB121801BSD

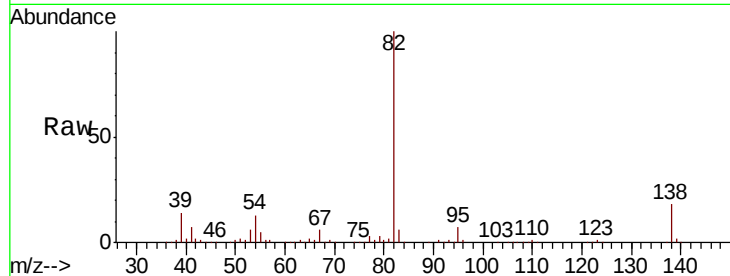
Tgt Ion: 82 Resp: 853972

Ion Ratio Lower Upper

82 100

95 6.8 5.5 8.3

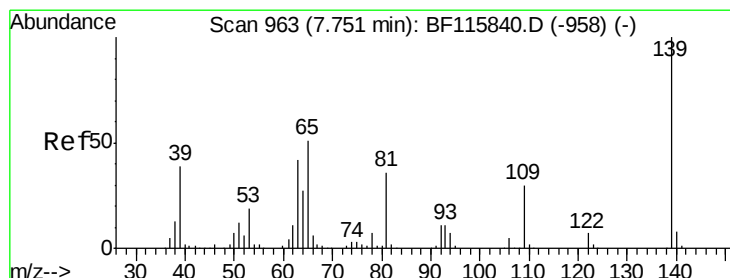
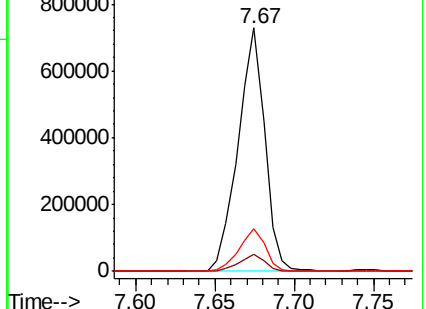
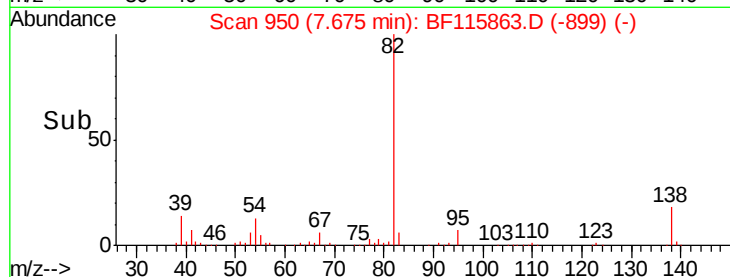
138 17.6 13.9 20.9



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 46.127 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.00 min

Lab File: BF115863.D

Acq: 31 Jul 2019 13:59

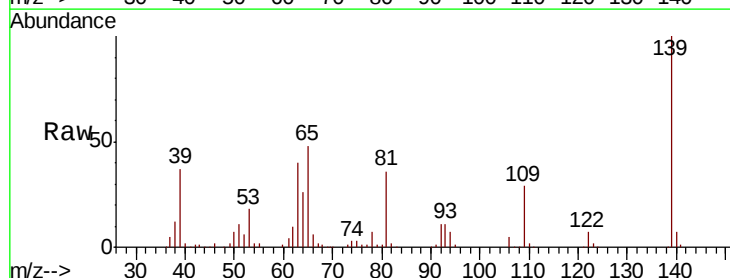
Tgt Ion: 139 Resp: 236556

Ion Ratio Lower Upper

139 100

109 28.9 23.6 35.4

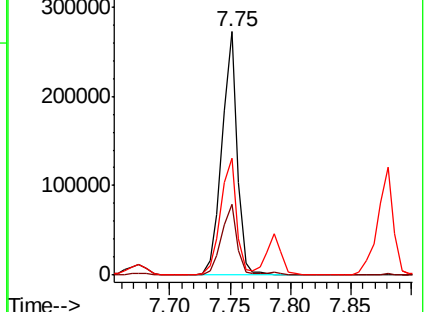
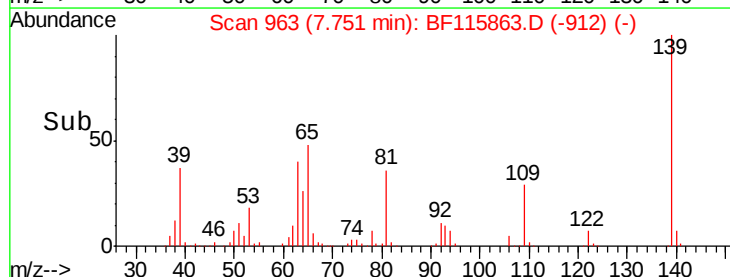
65 48.1 40.6 60.8

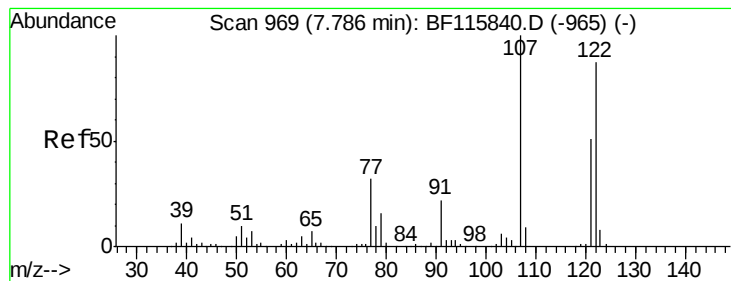


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 49.397 ng

RT: 7.79 min Scan# 969

Delta R.T. 0.00 min

Lab File: BF115863.D

Acq: 31 Jul 2019 13:59

Instrument :

BNA_F

ClientSampleId :

PB121801BSD

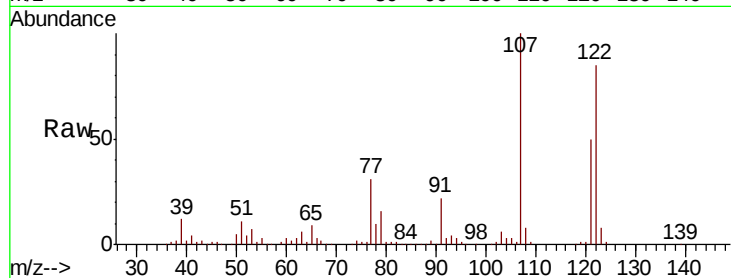
Tgt Ion:122 Resp: 381129

Ion Ratio Lower Upper

122 100

107 117.9 91.7 137.5

121 58.4 46.6 70.0

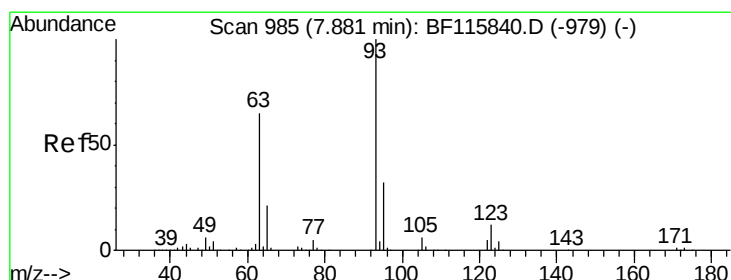
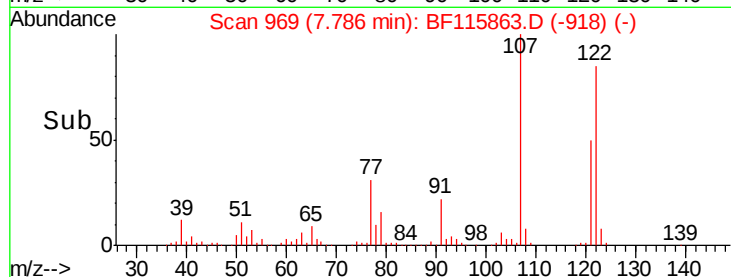
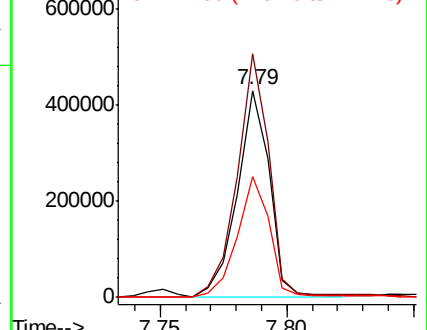


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.958 ng

RT: 7.88 min Scan# 985

Delta R.T. 0.00 min

Lab File: BF115863.D

Acq: 31 Jul 2019 13:59

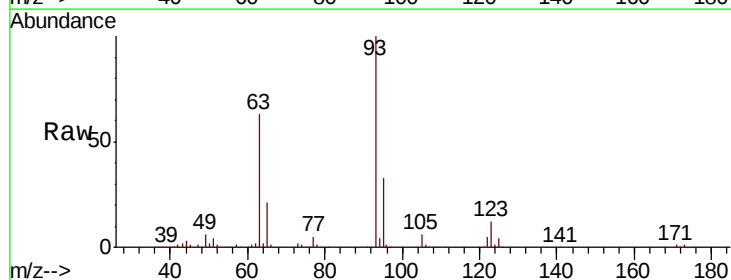
Tgt Ion: 93 Resp: 512991

Ion Ratio Lower Upper

93 100

95 32.9 26.0 39.0

123 11.5 9.5 14.3

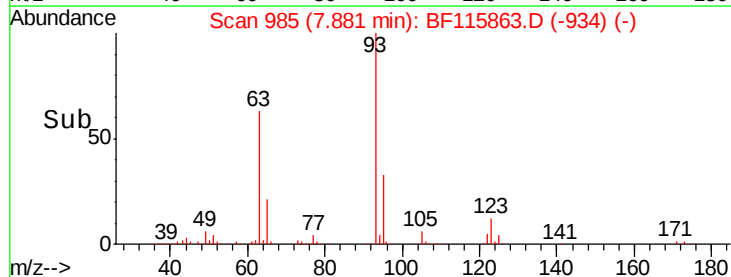
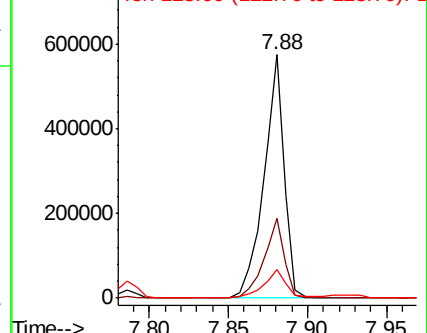


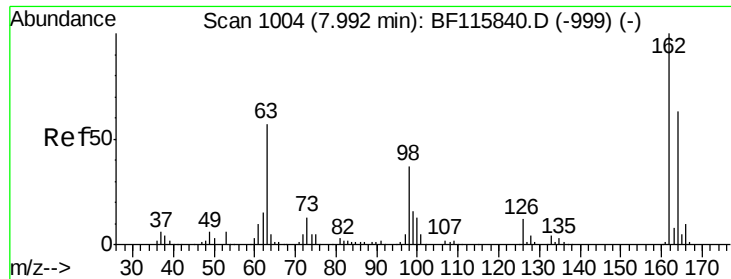
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

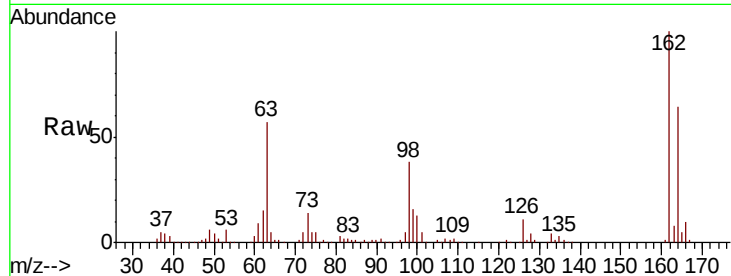




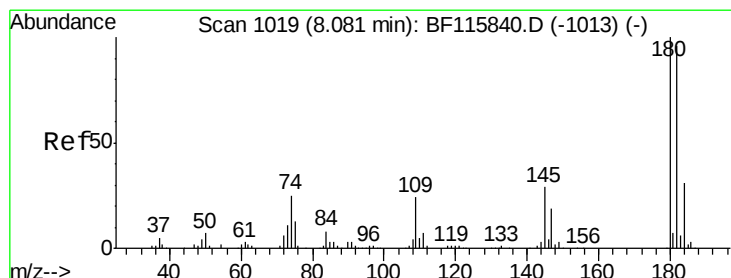
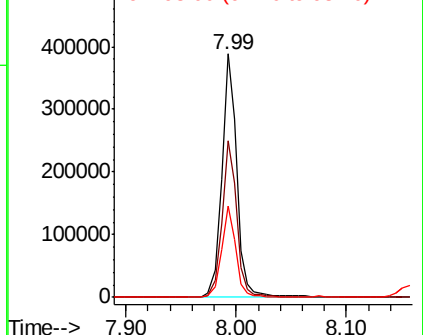
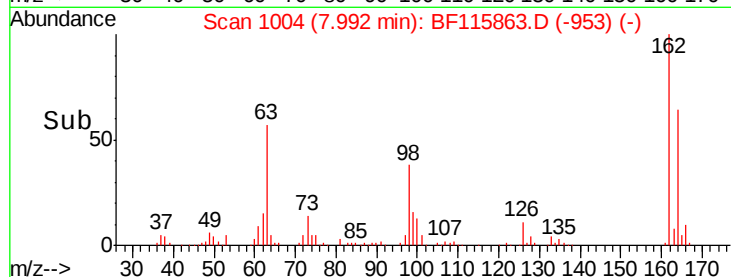
#29
 2,4-Dichlorophenol
 Concen: 45.237 ng
 RT: 7.99 min Scan# 1004
 Delta R.T. -0.00 min
 Lab File: BF115863.D
 Acq: 31 Jul 2019 13:59

Instrument :
 BNA_F
 ClientSampleId :
 PB121801BSD

Tgt Ion:162 Resp: 368532
 Ion Ratio Lower Upper
 162 100
 164 64.4 43.2 83.2
 98 37.5 17.3 57.3

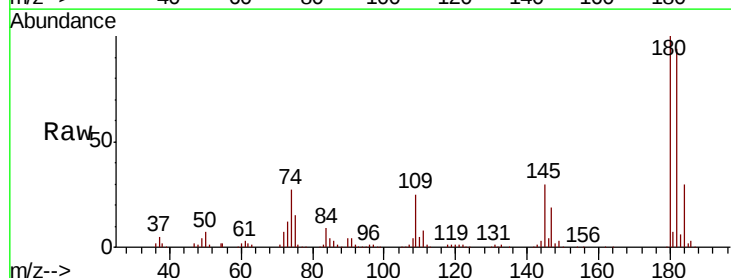


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

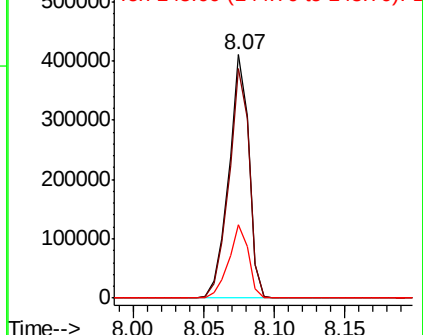
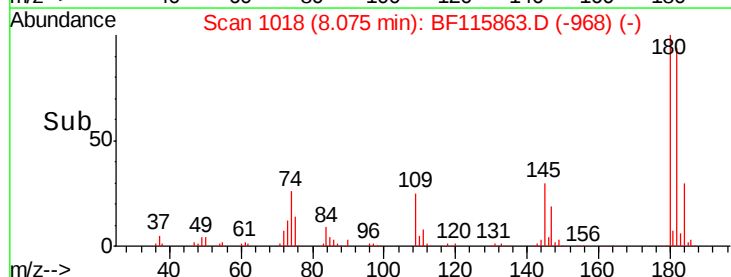


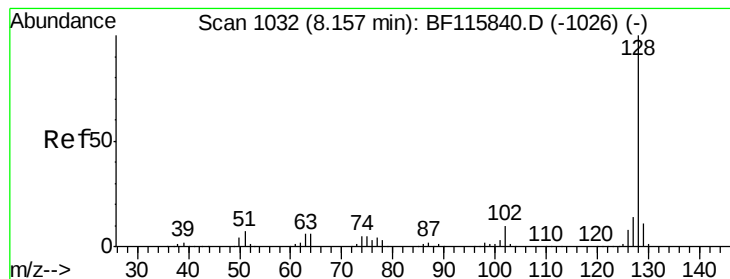
#30
 1,2,4-Trichlorobenzene
 Concen: 43.735 ng
 RT: 8.07 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BF115863.D
 Acq: 31 Jul 2019 13:59

Tgt Ion:180 Resp: 406137
 Ion Ratio Lower Upper
 180 100
 182 94.4 76.6 114.8
 145 29.9 23.2 34.8



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 45.287 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF115863.D

Acq: 31 Jul 2019 13:59

Instrument :

BNA_F

ClientSampleId :

PB121801BSD

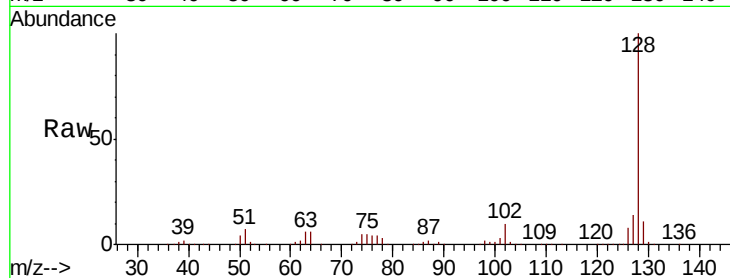
Tgt Ion:128 Resp: 1239473

Ion Ratio Lower Upper

128 100

129 11.3 9.2 13.8

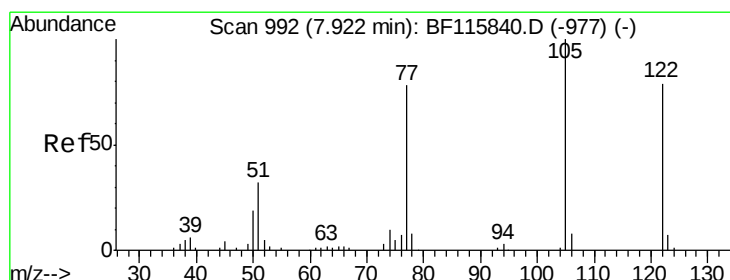
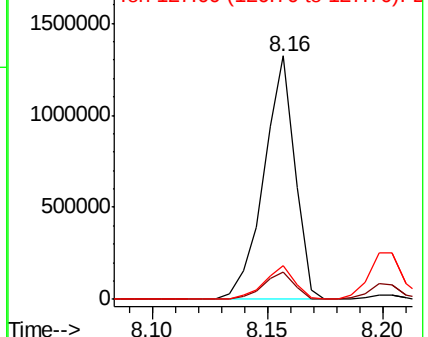
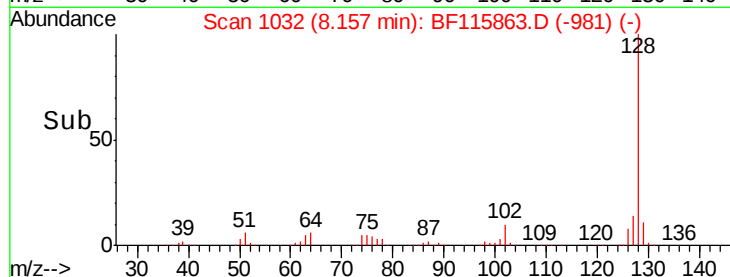
127 13.9 11.0 16.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 46.843 ng

RT: 7.93 min Scan# 994

Delta R.T. 0.01 min

Lab File: BF115863.D

Acq: 31 Jul 2019 13:59

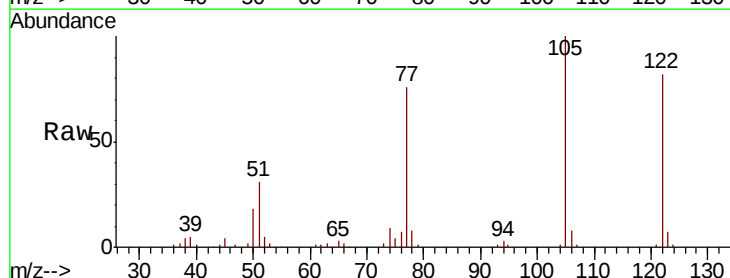
Tgt Ion:122 Resp: 254814

Ion Ratio Lower Upper

122 100

105 122.7 103.1 143.1

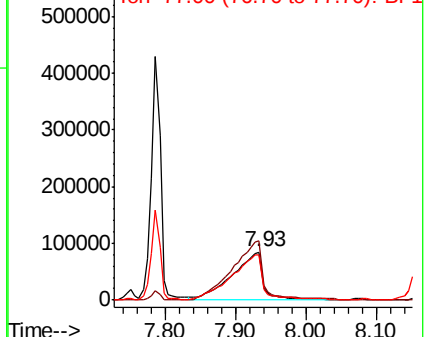
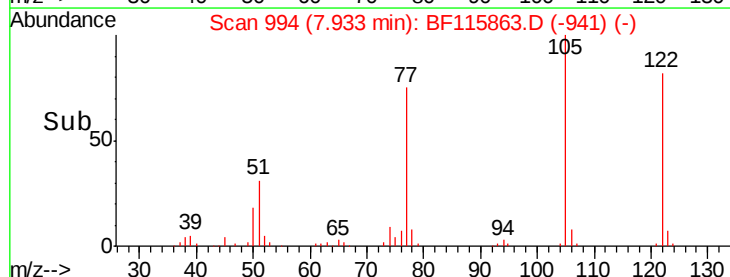
77 92.9 76.8 116.8

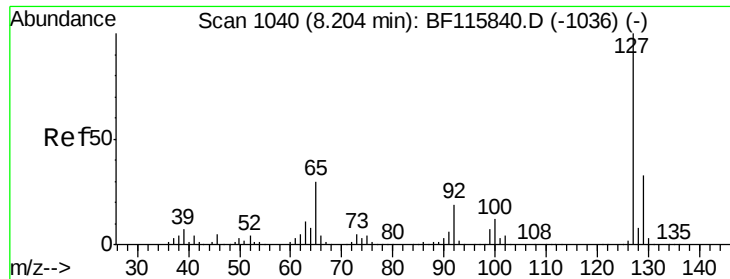


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

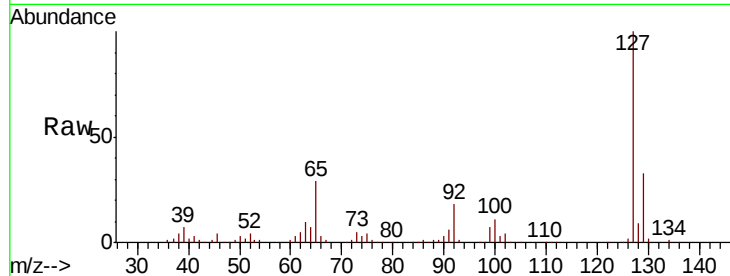




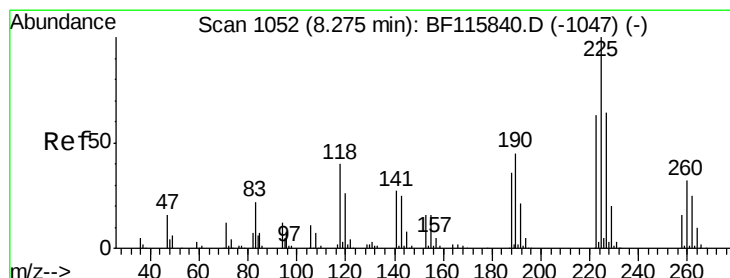
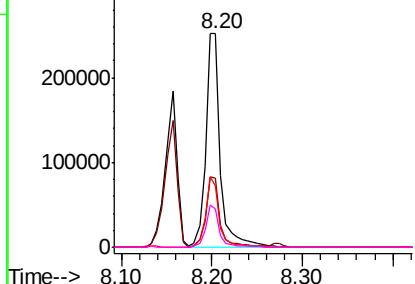
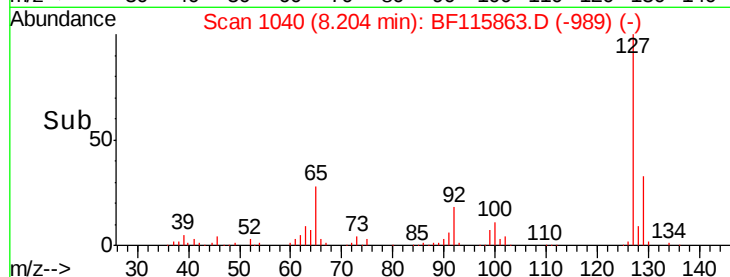
#33
4-Chloroaniline
Concen: 23.337 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF115863.D
Acq: 31 Jul 2019 13:59

Instrument :
BNA_F
ClientSampleId :
PB121801BSD

Tgt Ion:	127	Resp:	285378
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.0	39.0
65	28.6	23.9	35.9
92	17.8	14.9	22.3

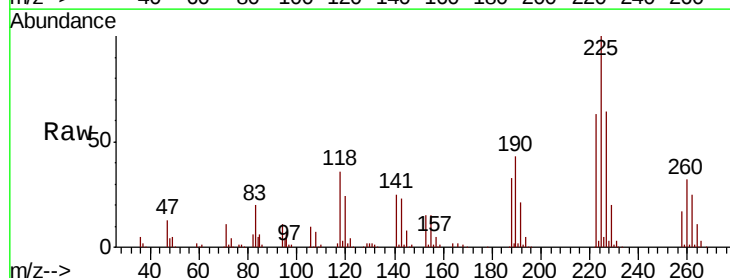


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

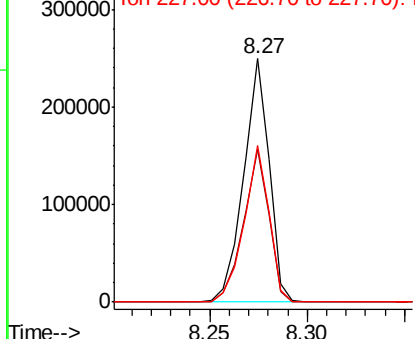
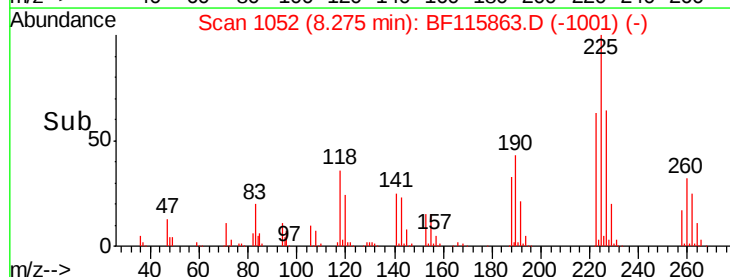


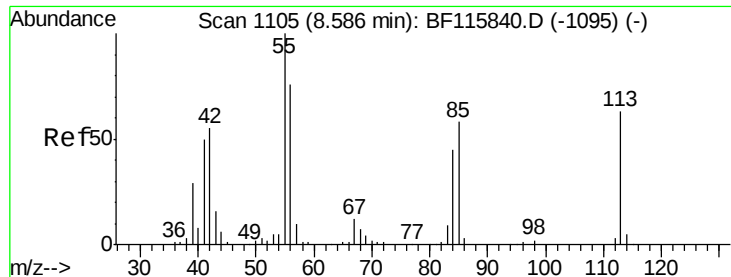
#34
Hexachlorobutadiene
Concen: 42.183 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.00 min
Lab File: BF115863.D
Acq: 31 Jul 2019 13:59

Tgt Ion:	225	Resp:	225635
Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.4	75.6
227	64.4	51.6	77.4



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

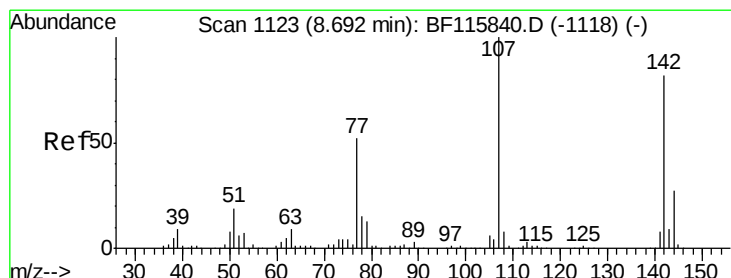
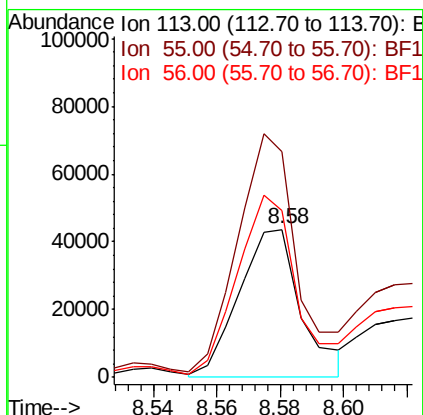
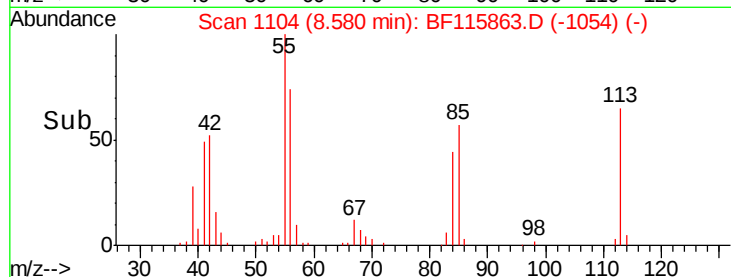
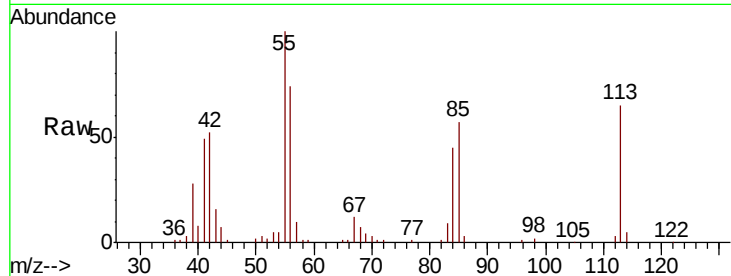




#35
 Caprolactam
 Concen: 22.308 ng
 RT: 8.58 min Scan# 1104
 Delta R.T. -0.01 min
 Lab File: BF115863.D
 Acq: 31 Jul 2019 13:59

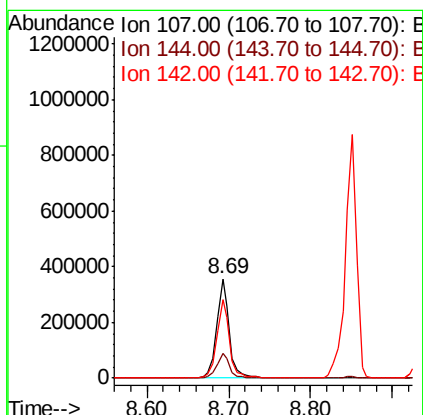
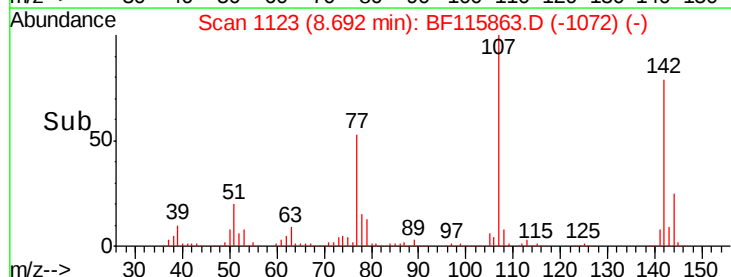
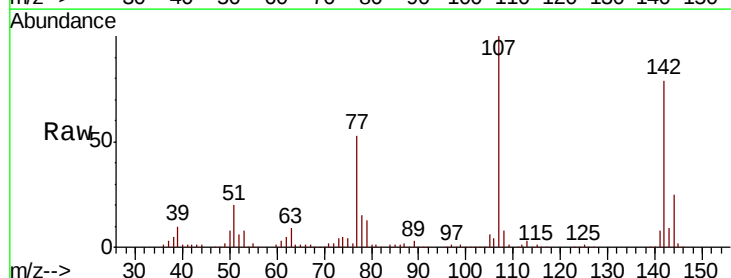
Instrument :
 BNA_F
 ClientSampleId :
 PB121801BSD

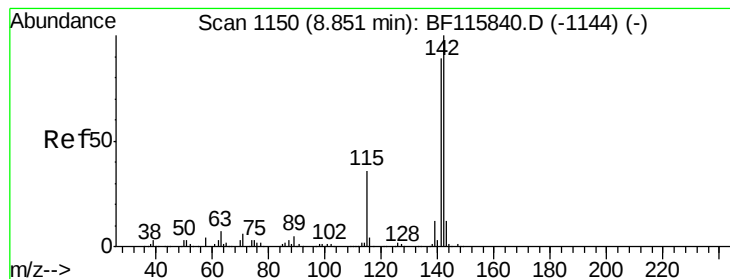
Tgt Ion:113 Resp: 58779
 Ion Ratio Lower Upper
 113 100
 55 153.0 138.1 178.1
 56 113.4 100.6 140.6



#36
 4-Chloro-3-methylphenol
 Concen: 45.441 ng
 RT: 8.69 min Scan# 1123
 Delta R.T. 0.00 min
 Lab File: BF115863.D
 Acq: 31 Jul 2019 13:59

Tgt Ion:107 Resp: 385119
 Ion Ratio Lower Upper
 107 100
 144 25.4 21.4 32.0
 142 79.4 65.5 98.3





#37

2-Methylnaphthalene

Concen: 45.886 ng

RT: 8.85 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BF115863.D

Acq: 31 Jul 2019 13:59

Instrument :

BNA_F

ClientSampleId :

PB121801BSD

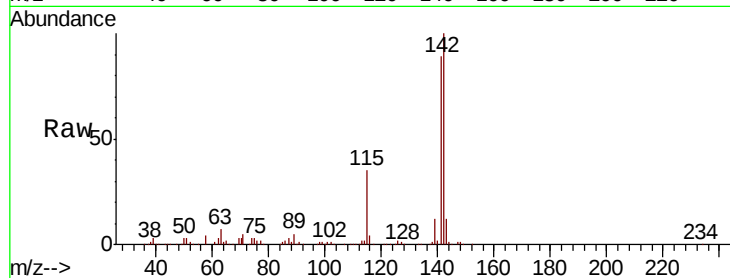
Tgt Ion:142 Resp: 827095

Ion Ratio Lower Upper

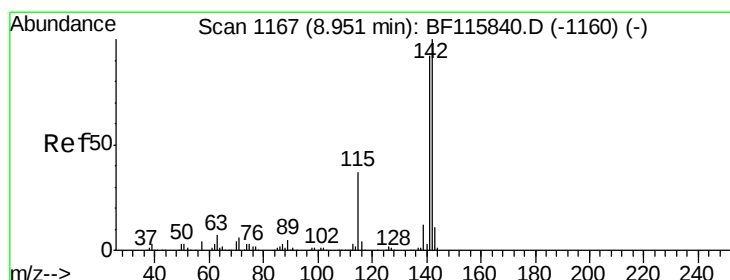
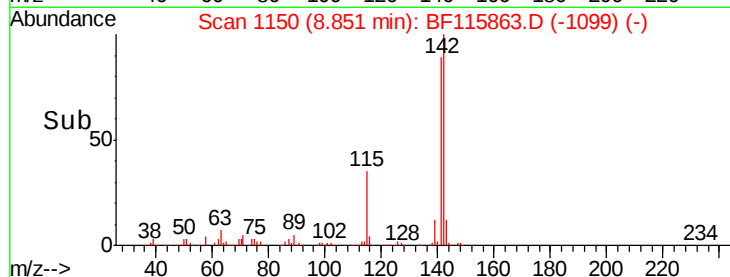
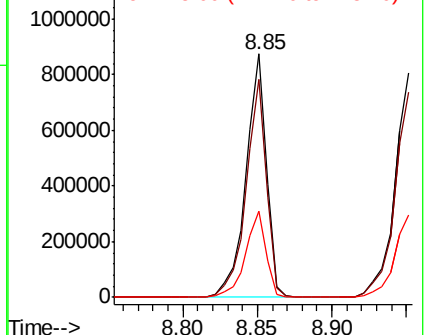
142 100

141 89.5 71.4 107.2

115 35.4 28.9 43.3



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 45.376 ng

RT: 8.95 min Scan# 1167

Delta R.T. 0.00 min

Lab File: BF115863.D

Acq: 31 Jul 2019 13:59

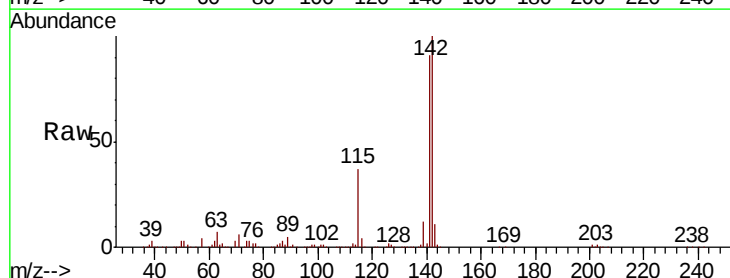
Tgt Ion:142 Resp: 773775

Ion Ratio Lower Upper

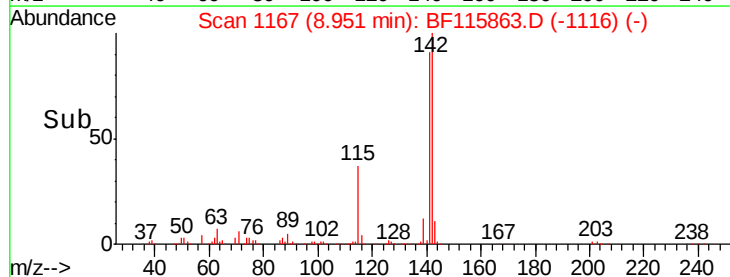
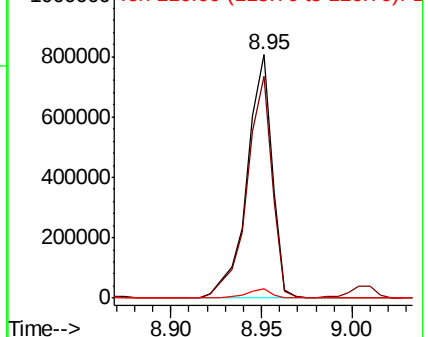
142 100

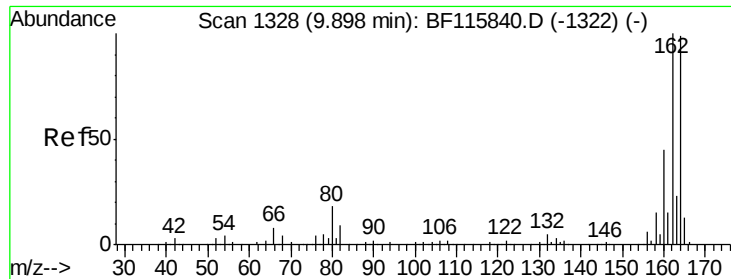
141 91.3 73.8 110.6

116 3.7 3.1 4.7



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

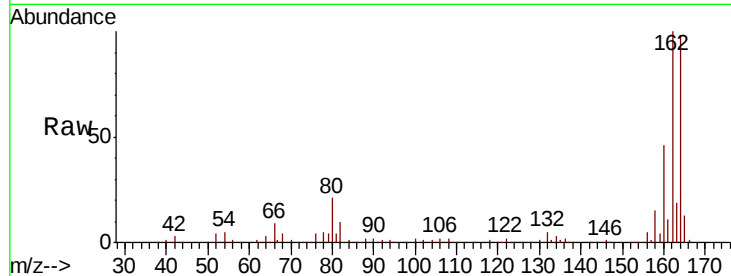




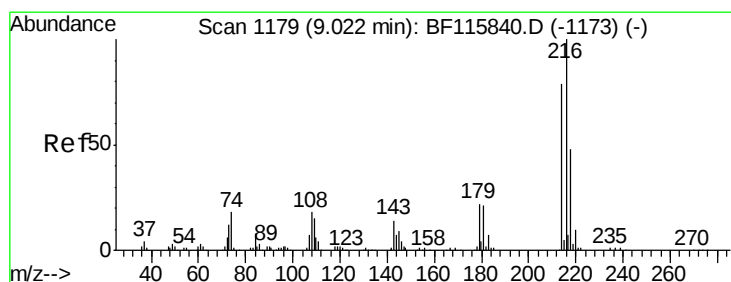
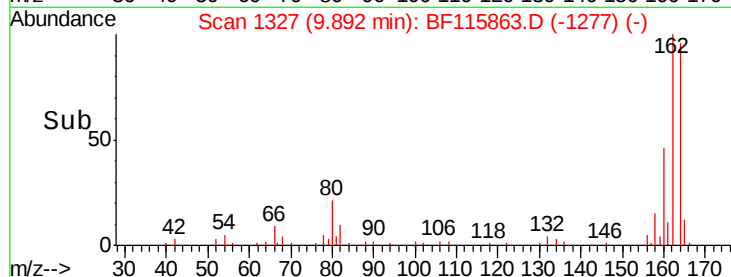
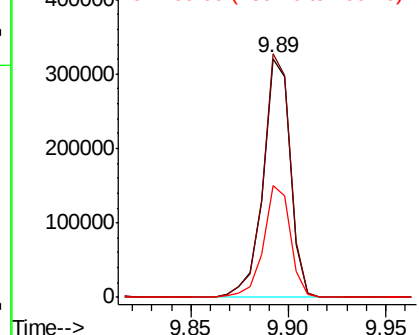
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF115863.D
Acq: 31 Jul 2019 13:59

Instrument :
BNA_F
ClientSampleId :
PB121801BSD

Tgt Ion:164 Resp: 308208
Ion Ratio Lower Upper
164 100
162 102.1 80.8 121.2
160 46.7 36.2 54.4

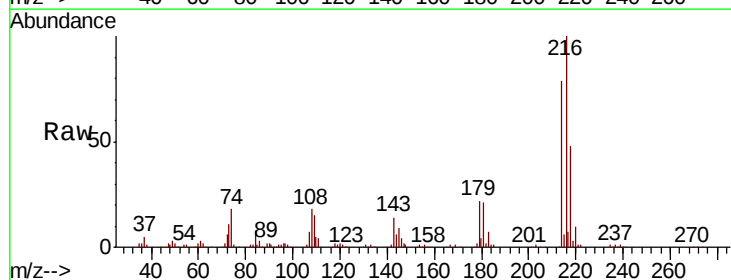


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

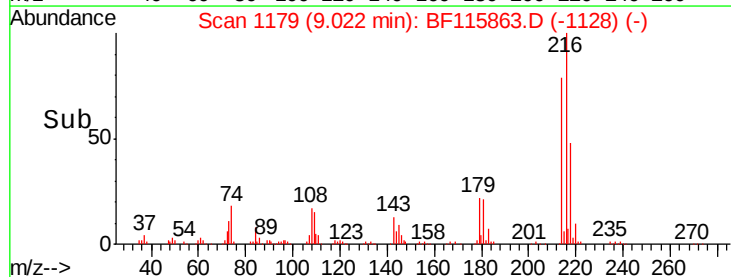
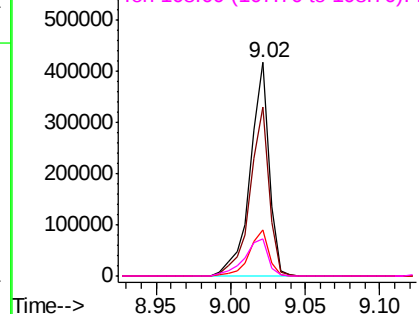


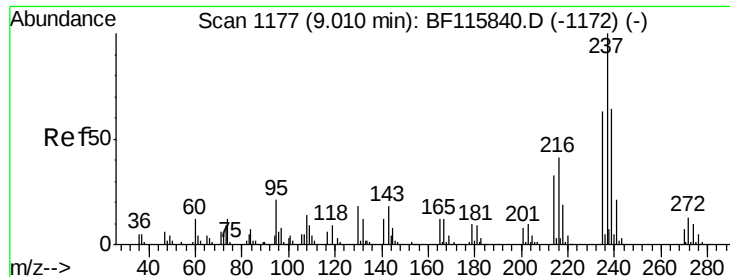
#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.196 ng
RT: 9.02 min Scan# 1179
Delta R.T. 0.00 min
Lab File: BF115863.D
Acq: 31 Jul 2019 13:59

Tgt Ion:216 Resp: 364157
Ion Ratio Lower Upper
216 100
214 79.3 62.8 94.2
179 22.2 17.6 26.4
108 22.2 16.1 24.1



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 85.857 ng

RT: 9.01 min Scan# 1177

Delta R.T. 0.00 min

Lab File: BF115863.D

Acq: 31 Jul 2019 13:59

Instrument :

BNA_F

ClientSampleId :

PB121801BSD

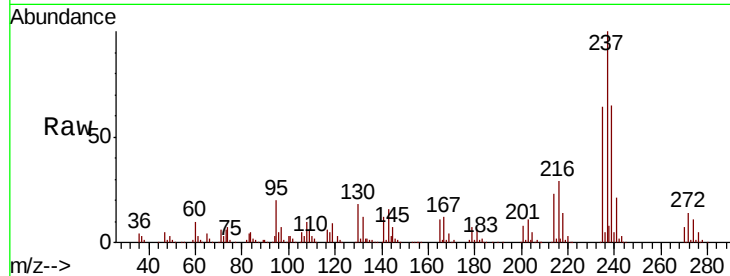
Tgt Ion: 237 Resp: 319318

Ion Ratio Lower Upper

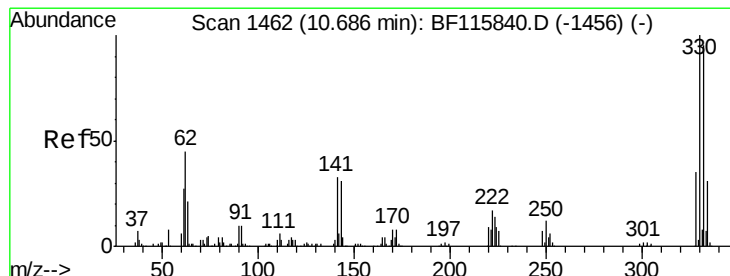
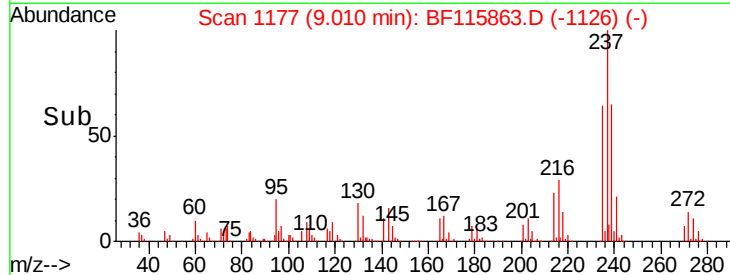
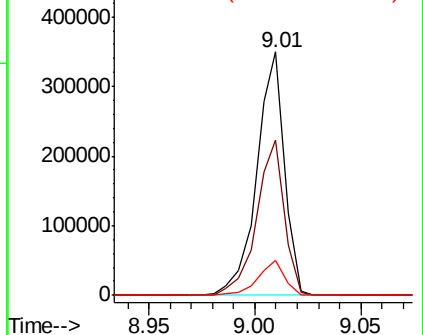
237 100

235 63.9 42.5 82.5

272 14.2 0.0 33.3



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 116.601 ng

RT: 10.69 min Scan# 1462

Delta R.T. 0.00 min

Lab File: BF115863.D

Acq: 31 Jul 2019 13:59

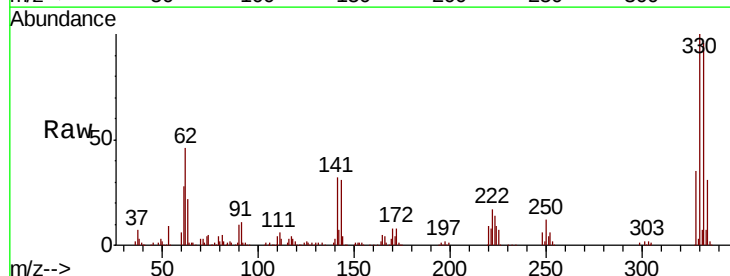
Tgt Ion: 330 Resp: 348423

Ion Ratio Lower Upper

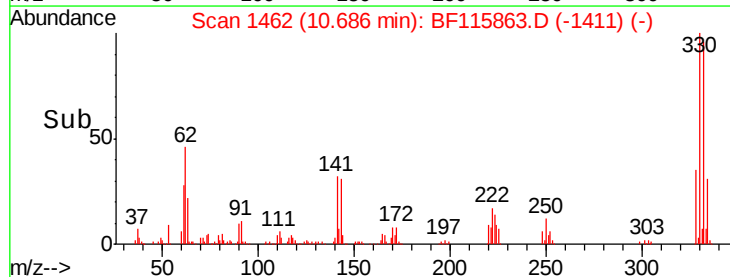
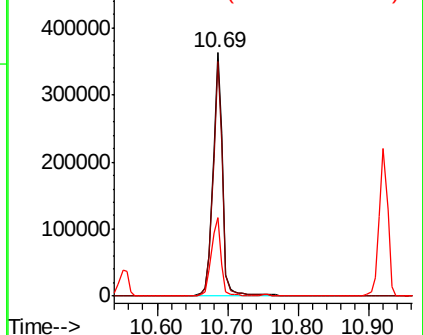
330 100

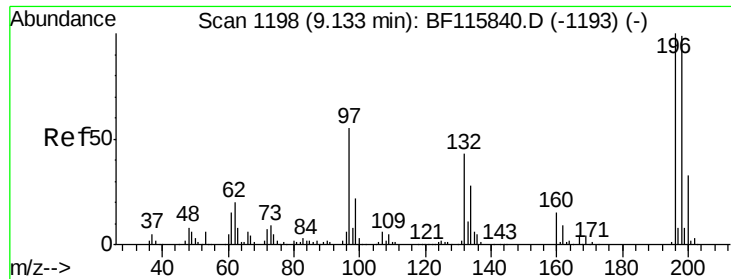
332 95.3 77.7 116.5

141 33.0 28.1 42.1



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

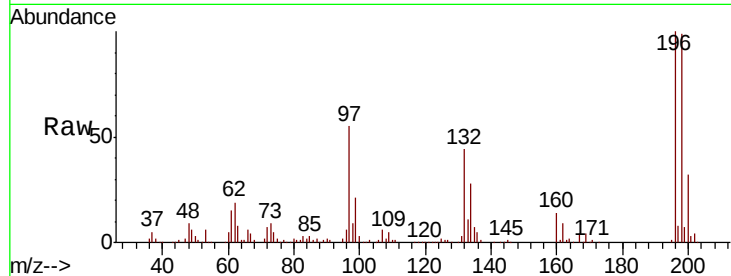




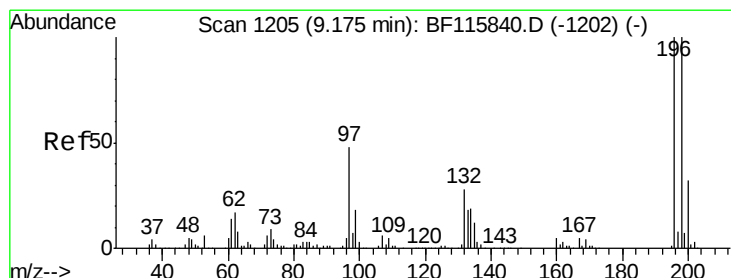
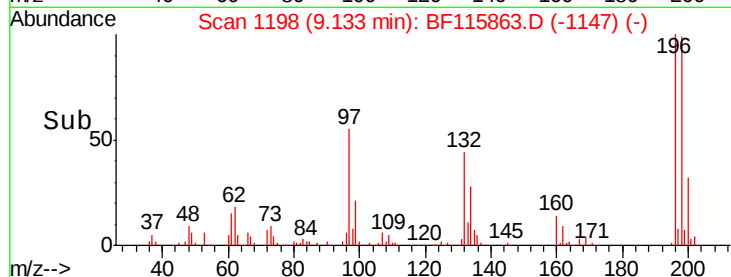
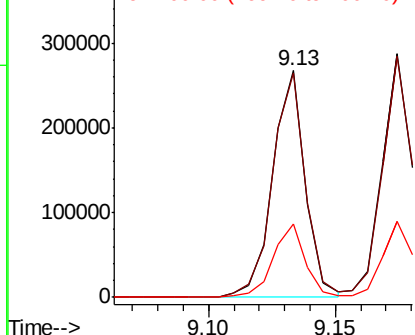
#43
 2,4,6-Trichlorophenol
 Concen: 42.466 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.00 min
 Lab File: BF115863.D
 Acq: 31 Jul 2019 13:59

Instrument :
 BNA_F
 ClientSampleId :
 PB121801BSD

Tgt Ion:196 Resp: 240844
 Ion Ratio Lower Upper
 196 100
 198 99.3 79.1 118.7
 200 32.4 26.0 39.0

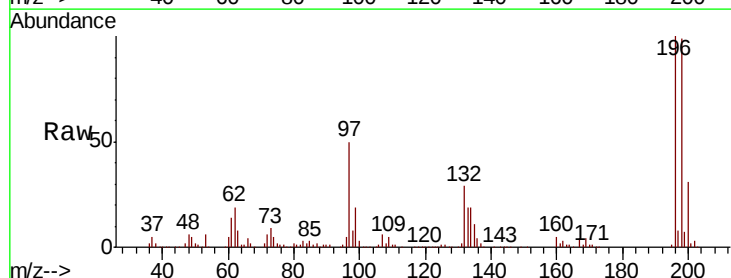


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

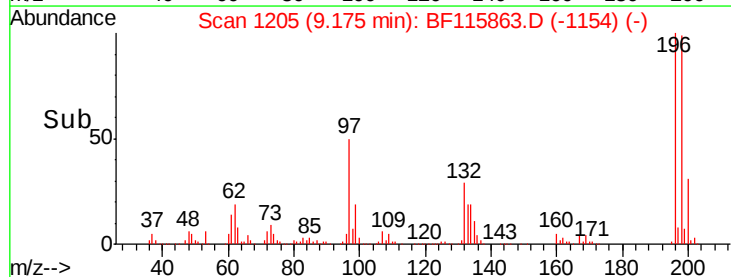
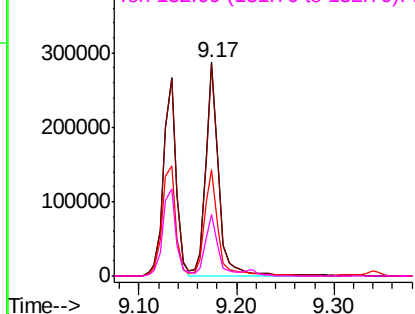


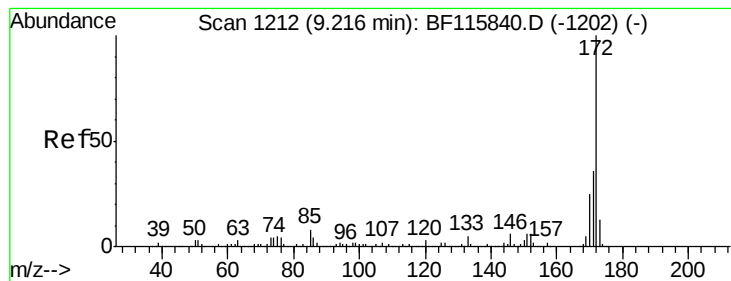
#44
 2,4,5-Trichlorophenol
 Concen: 44.749 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF115863.D
 Acq: 31 Jul 2019 13:59

Tgt Ion:196 Resp: 262343
 Ion Ratio Lower Upper
 196 100
 198 98.9 80.1 120.1
 97 49.7 38.9 58.3
 132 28.7 22.6 33.8



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E





#45

2-Fluorobiphenyl

Concen: 85.143 ng

RT: 9.22 min Scan# 1212

Delta R.T. -0.00 min

Lab File: BF115863.D

Acq: 31 Jul 2019 13:59

Instrument :

BNA_F

ClientSampleId :

PB121801BSD

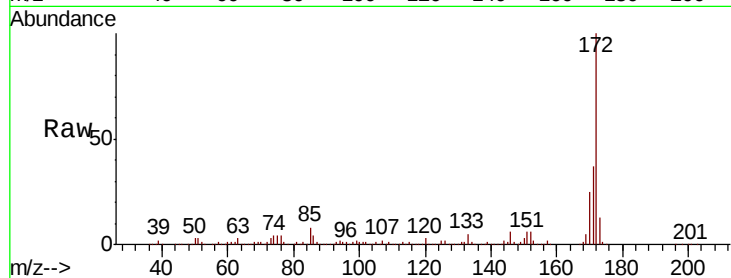
Tgt Ion:172 Resp: 1401002

Ion Ratio Lower Upper

172 100

171 36.8 29.1 43.7

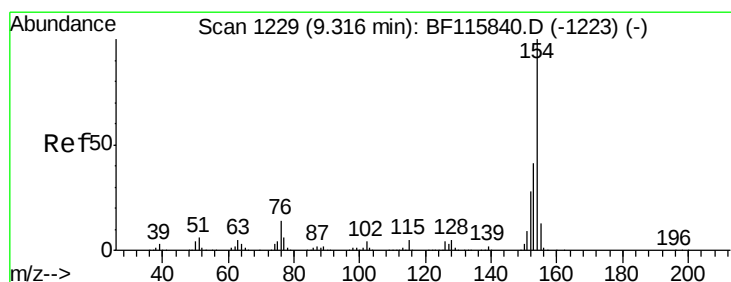
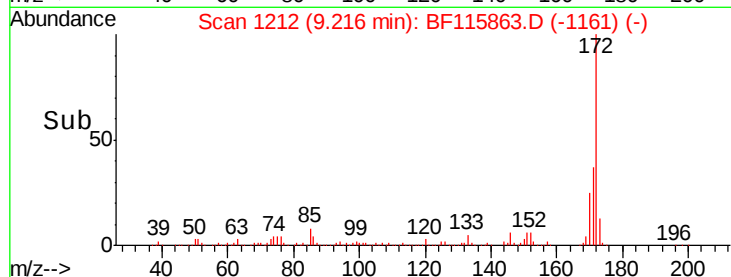
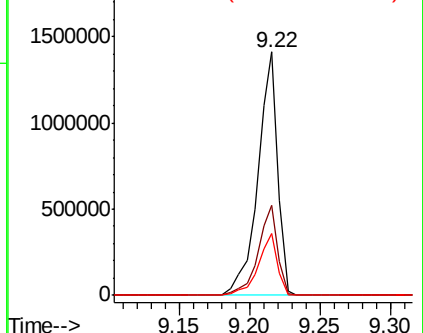
170 25.2 20.1 30.1



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 45.009 ng

RT: 9.32 min Scan# 1229

Delta R.T. 0.00 min

Lab File: BF115863.D

Acq: 31 Jul 2019 13:59

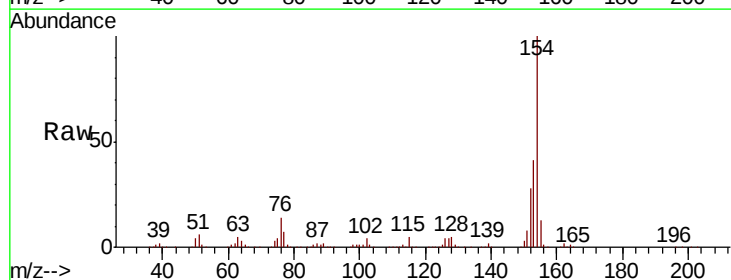
Tgt Ion:154 Resp: 979371

Ion Ratio Lower Upper

154 100

153 41.1 20.9 60.9

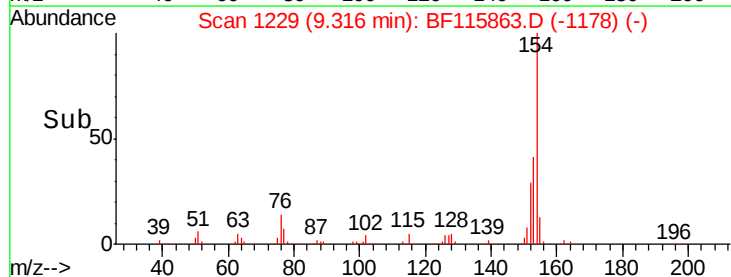
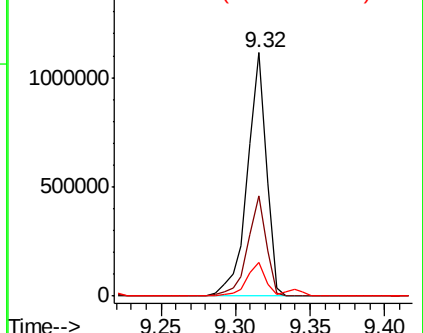
76 13.7 0.0 34.3

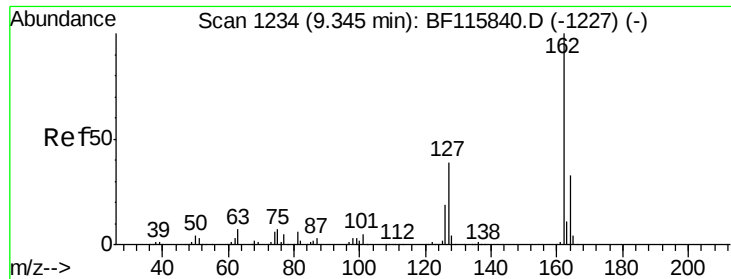


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

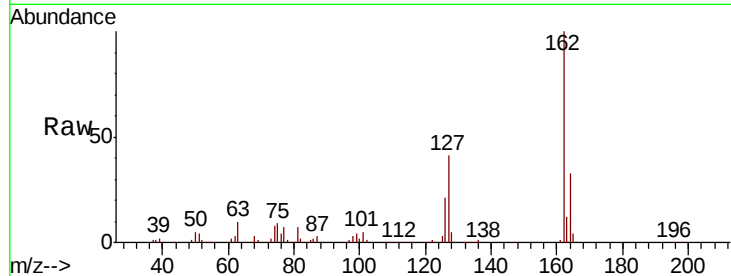




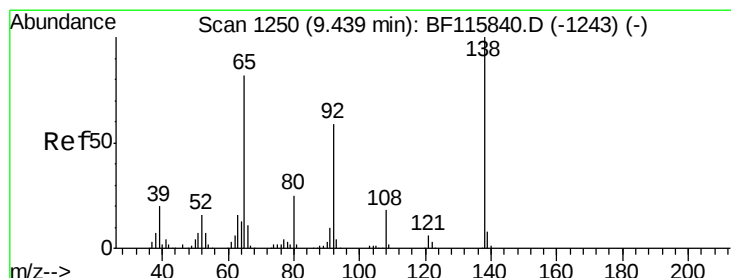
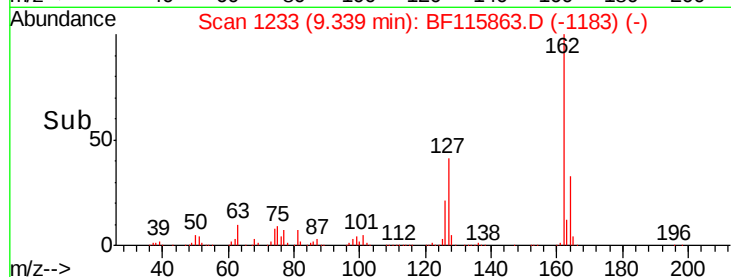
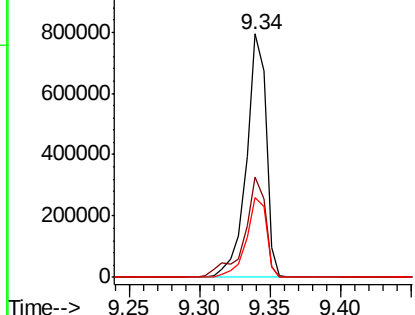
#47
 2-Chloronaphthalene
 Concen: 42.920 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. -0.01 min
 Lab File: BF115863.D
 Acq: 31 Jul 2019 13:59

Instrument :
 BNA_F
 ClientSampleId :
 PB121801BSD

Tgt Ion: 162 Resp: 777299
 Ion Ratio Lower Upper
 162 100
 127 41.3 31.3 46.9
 164 32.8 26.6 40.0

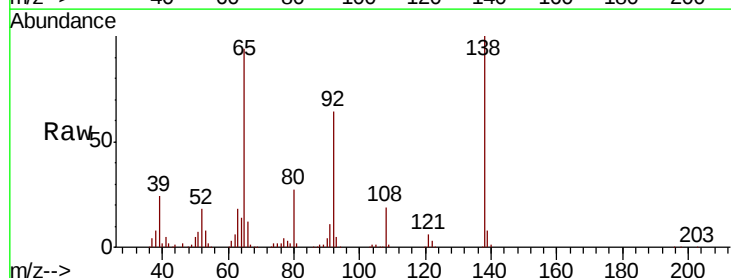


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

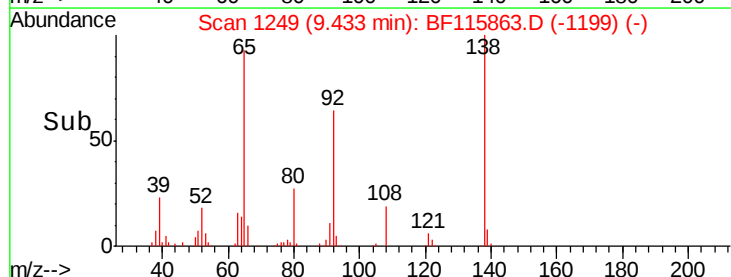
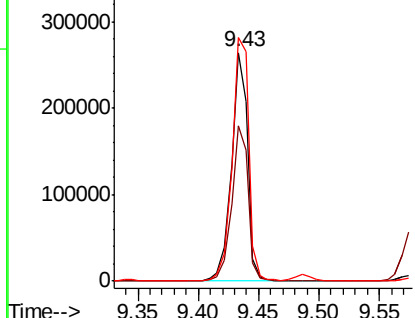


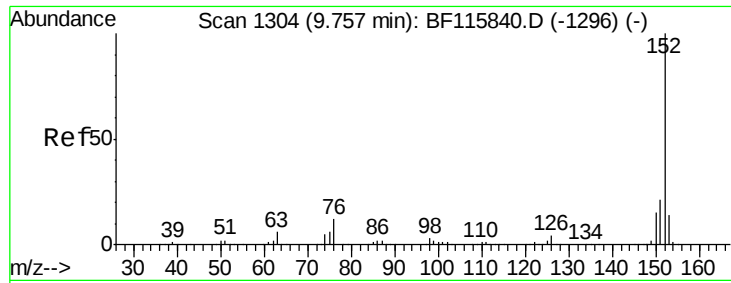
#48
 2-Nitroaniline
 Concen: 41.191 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. -0.01 min
 Lab File: BF115863.D
 Acq: 31 Jul 2019 13:59

Tgt Ion: 65 Resp: 246575
 Ion Ratio Lower Upper
 65 100
 92 68.1 57.1 85.7
 138 106.6 97.1 145.7



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 45.268 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.00 min

Lab File: BF115863.D

Acq: 31 Jul 2019 13:59

Instrument :

BNA_F

ClientSampleId :

PB121801BSD

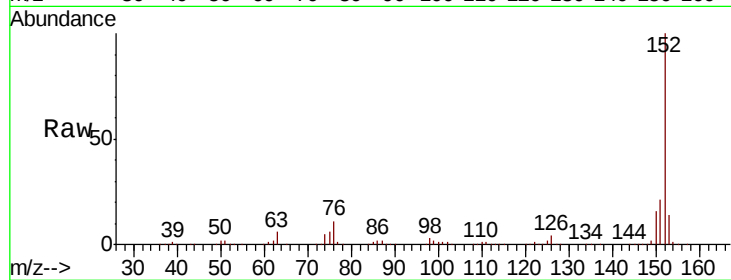
Tgt Ion:152 Resp: 1196033

Ion Ratio Lower Upper

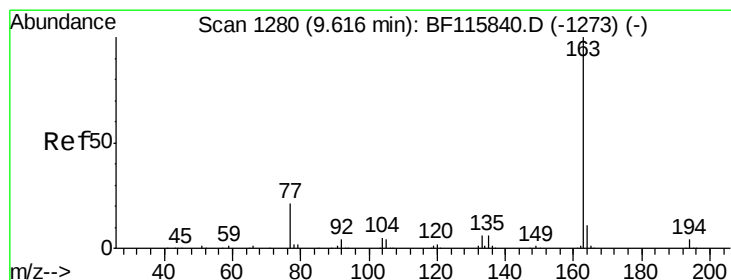
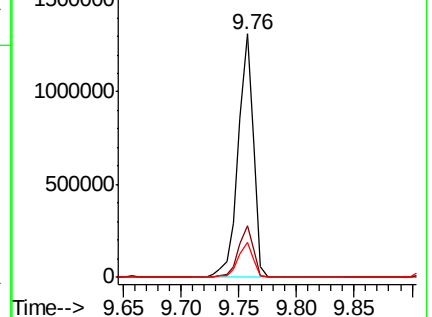
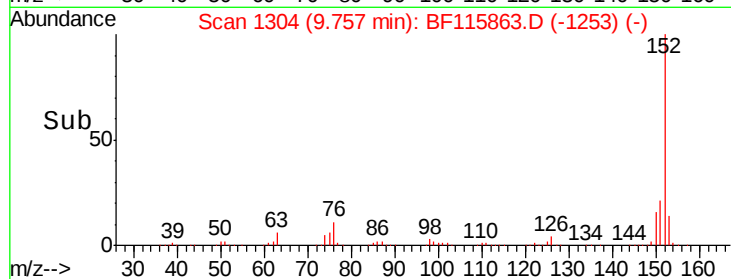
152 100

151 21.2 16.8 25.2

153 14.3 11.6 17.4



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.859 ng

RT: 9.62 min Scan# 1280

Delta R.T. 0.00 min

Lab File: BF115863.D

Acq: 31 Jul 2019 13:59

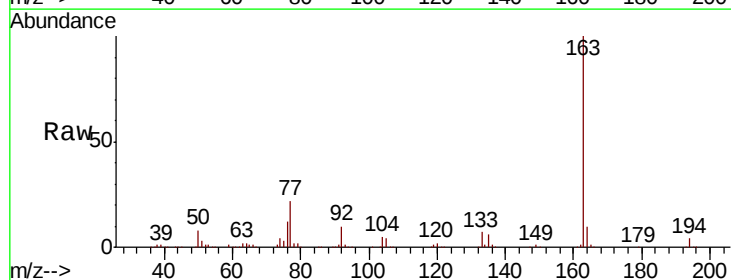
Tgt Ion:163 Resp: 878430

Ion Ratio Lower Upper

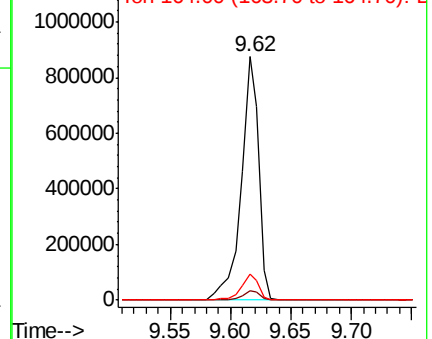
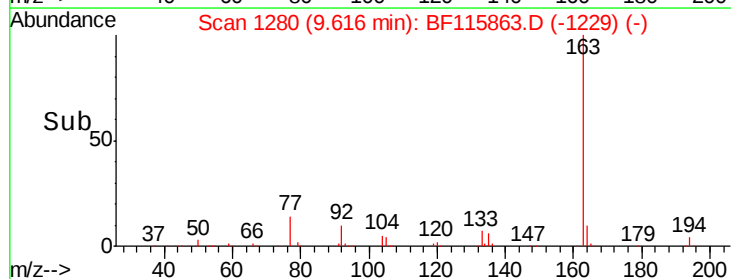
163 100

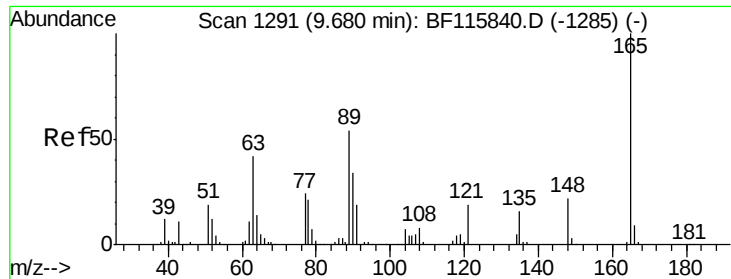
194 3.6 3.0 4.6

164 10.5 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 43.759 ng

RT: 9.68 min Scan# 1291

Delta R.T. 0.00 min

Lab File: BF115863.D

Acq: 31 Jul 2019 13:59

Instrument :

BNA_F

ClientSampleId :

PB121801BSD

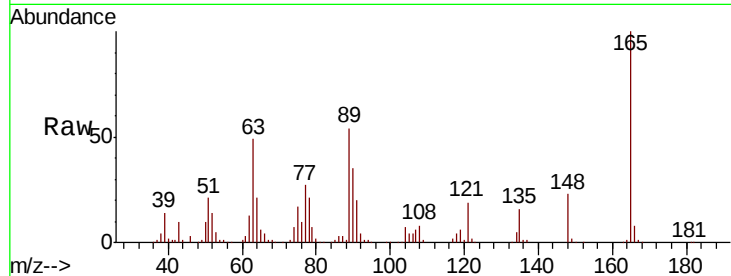
Tgt Ion:165 Resp: 199564

Ion Ratio Lower Upper

165 100

63 48.9 39.4 59.2

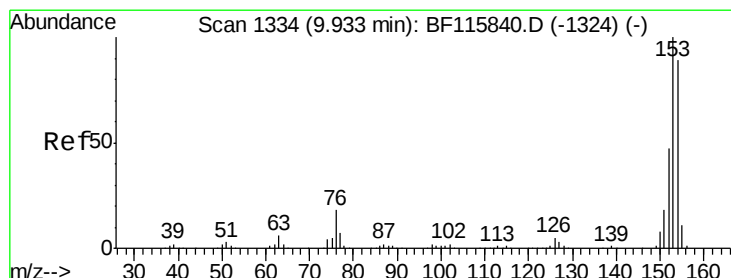
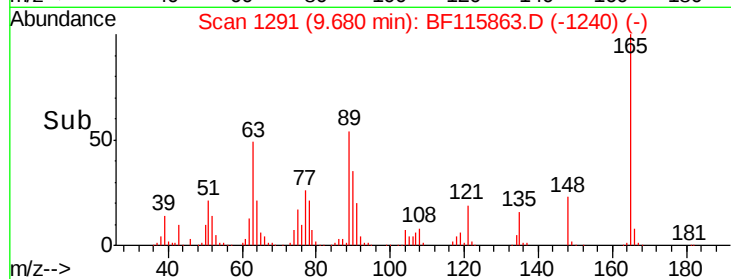
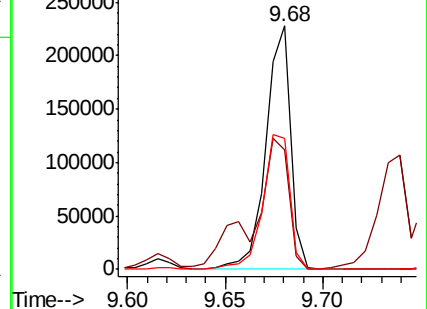
89 53.7 43.0 64.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 43.858 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF115863.D

Acq: 31 Jul 2019 13:59

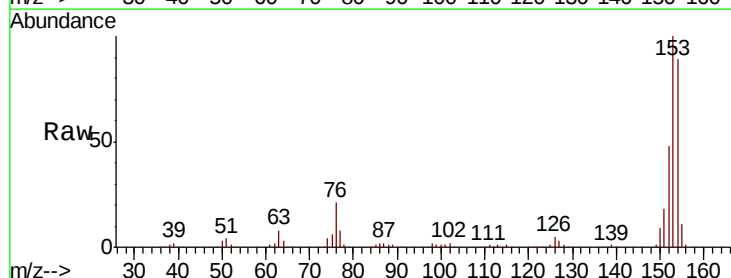
Tgt Ion:154 Resp: 710891

Ion Ratio Lower Upper

154 100

153 111.8 90.1 135.1

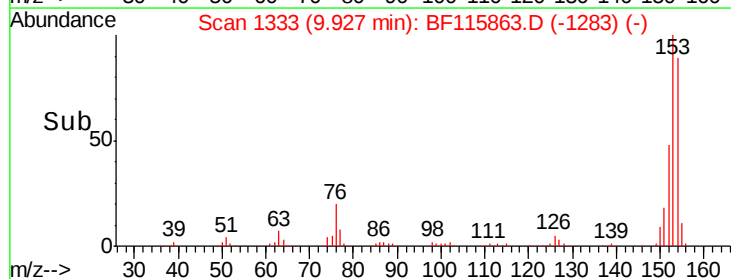
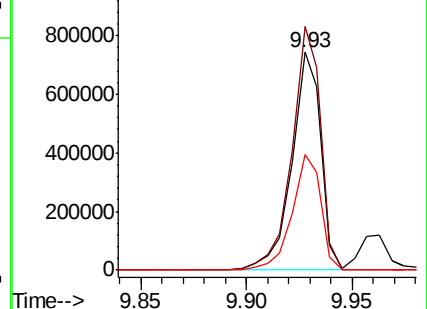
152 53.2 42.6 63.8

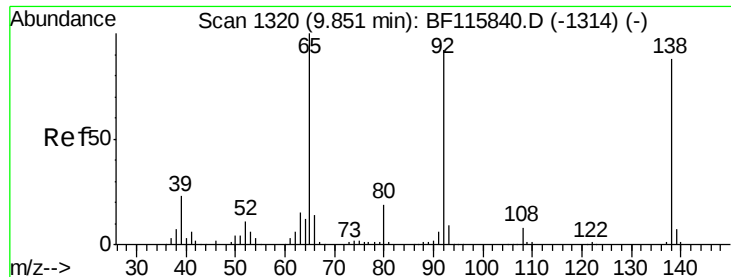


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

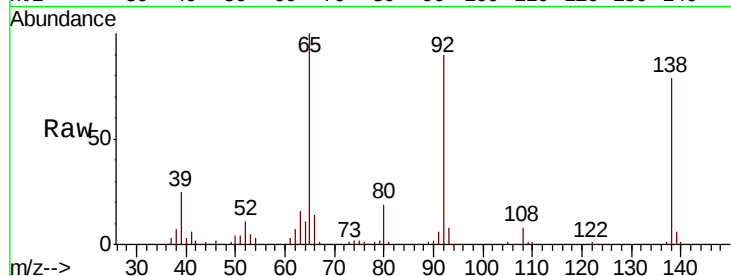




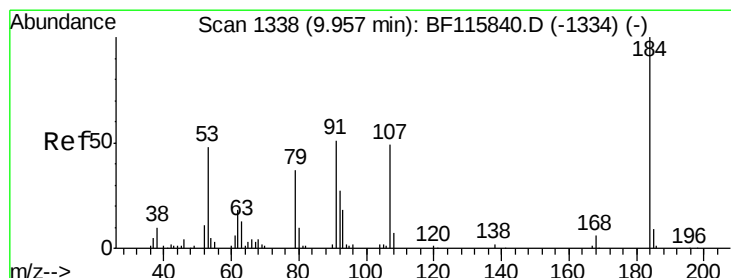
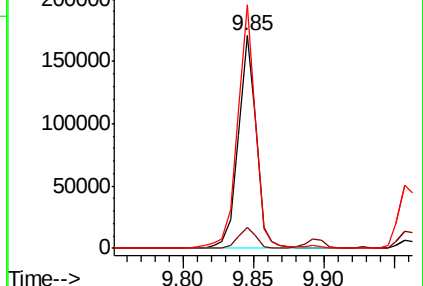
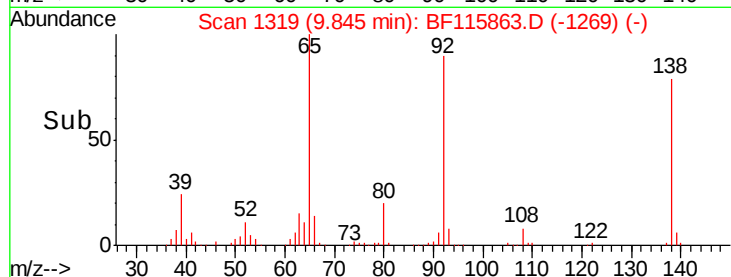
#53
 3-Nitroaniline
 Concen: 26.871 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF115863.D
 Acq: 31 Jul 2019 13:59

Instrument :
 BNA_F
 ClientSampleId :
 PB121801BSD

Tgt Ion:138 Resp: 151418
 Ion Ratio Lower Upper
 138 100
 108 9.7 7.4 11.2
 92 114.5 83.9 125.9

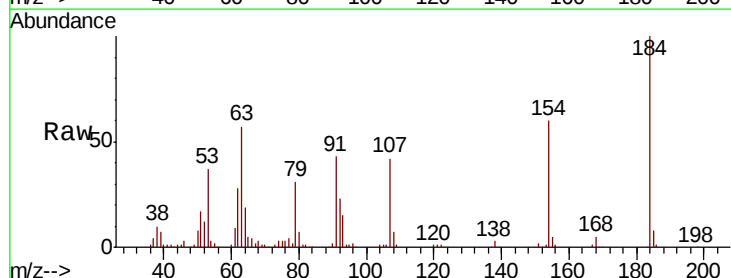


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

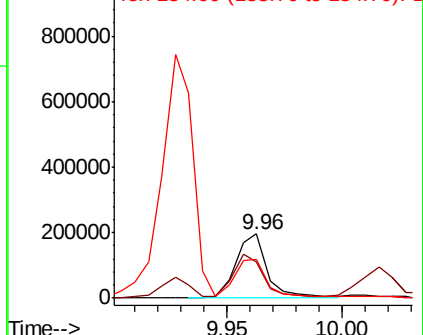
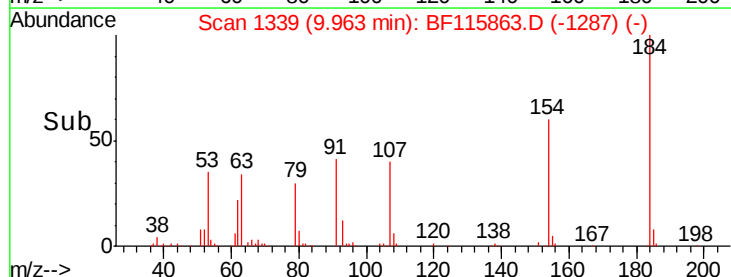


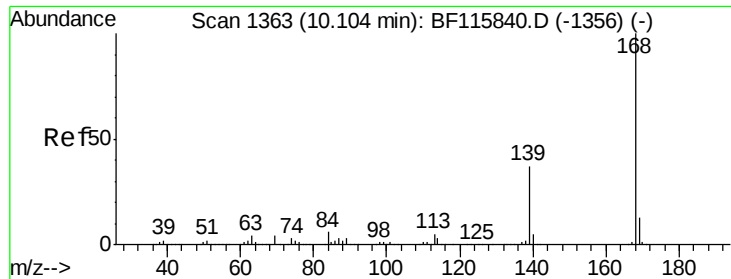
#54
 2,4-Dinitrophenol
 Concen: 80.447 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. 0.01 min
 Lab File: BF115863.D
 Acq: 31 Jul 2019 13:59

Tgt Ion:184 Resp: 186712
 Ion Ratio Lower Upper
 184 100
 63 56.7 56.7 85.1#
 154 60.4 51.9 77.9



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 44.906 ng

RT: 10.10 min Scan# 1363

Delta R.T. 0.00 min

Lab File: BF115863.D

Acq: 31 Jul 2019 13:59

Instrument :

BNA_F

ClientSampleId :

PB121801BSD

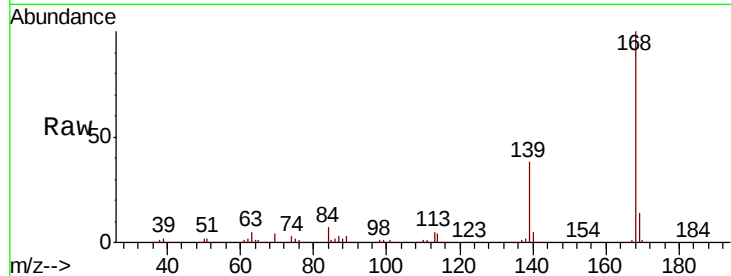
Tgt Ion:168 Resp: 1058531

Ion Ratio Lower Upper

168 100

139 38.1 30.2 45.2

169 13.8 10.8 16.2

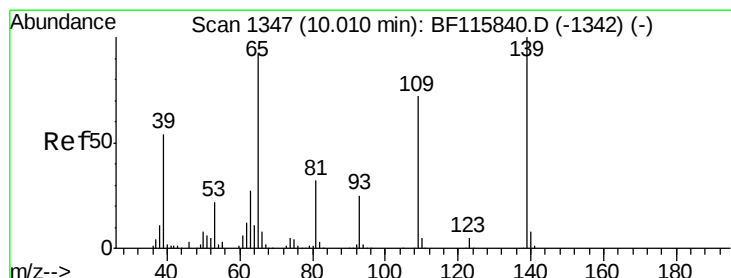
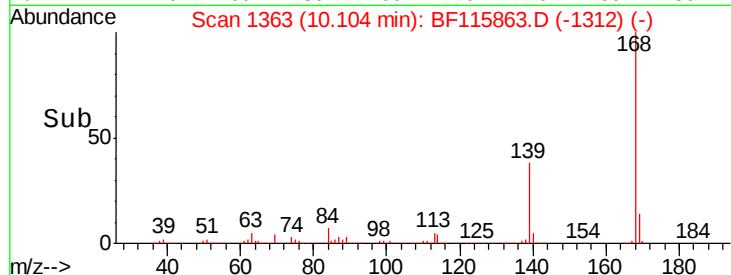
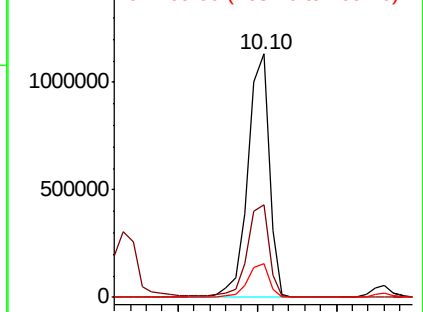


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 96.387 ng

RT: 10.02 min Scan# 1348

Delta R.T. 0.01 min

Lab File: BF115863.D

Acq: 31 Jul 2019 13:59

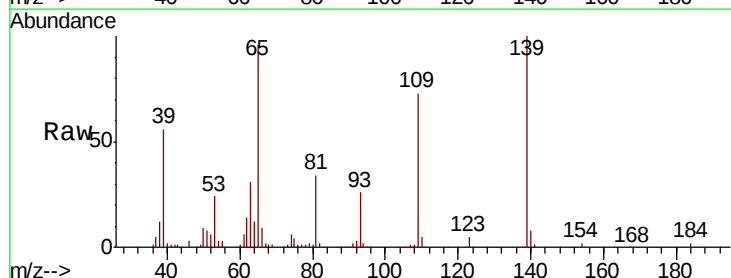
Tgt Ion:139 Resp: 347941

Ion Ratio Lower Upper

139 100

109 72.5 52.0 92.0

65 96.3 72.6 112.6

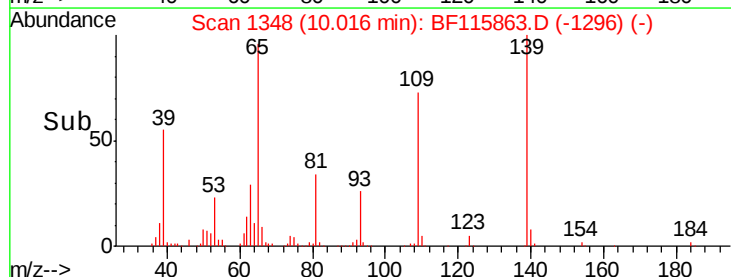
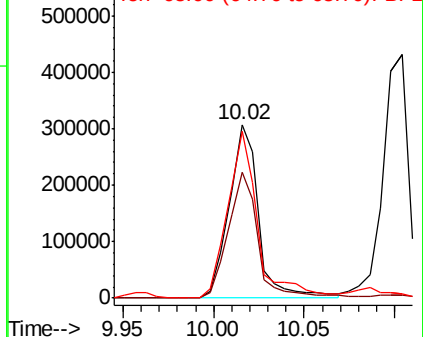


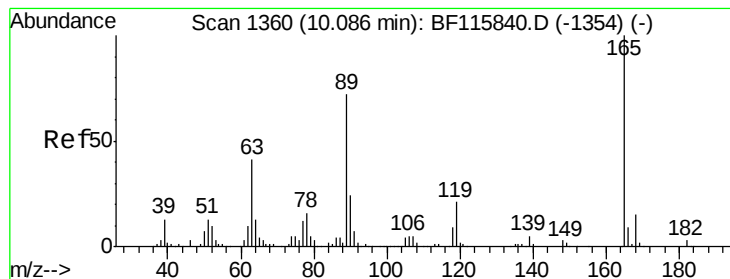
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 44.463 ng

RT: 10.09 min Scan# 1360

Delta R.T. 0.00 min

Lab File: BF115863.D

Acq: 31 Jul 2019 13:59

Instrument :

BNA_F

ClientSampleId :

PB121801BSD

Tgt Ion:165 Resp: 269977

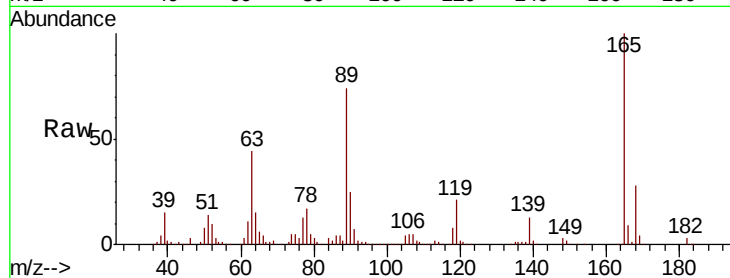
Ion Ratio Lower Upper

165 100

63 43.8 33.2 49.8

89 74.1 57.3 85.9

182 2.6 2.1 3.1

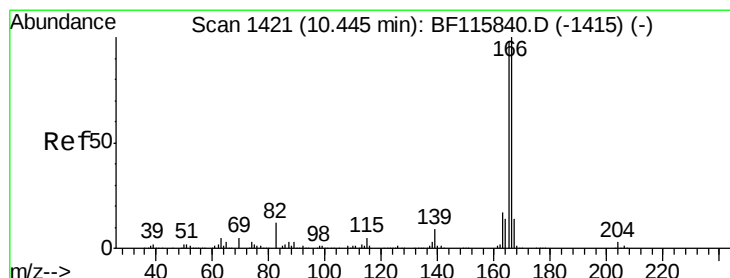
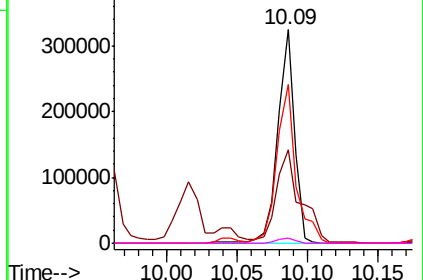
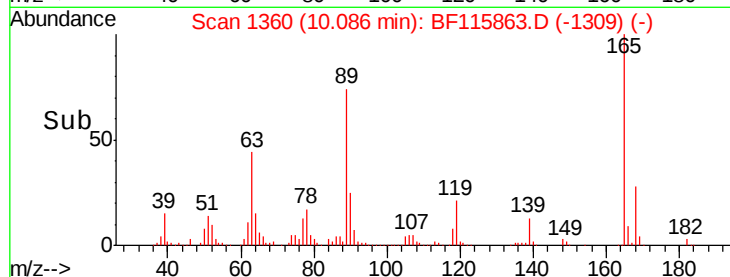


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 44.021 ng

RT: 10.45 min Scan# 1421

Delta R.T. 0.00 min

Lab File: BF115863.D

Acq: 31 Jul 2019 13:59

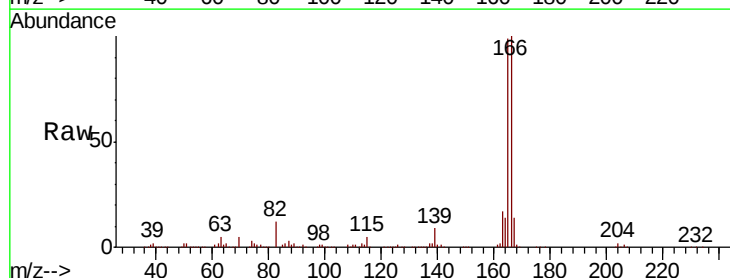
Tgt Ion:166 Resp: 798347

Ion Ratio Lower Upper

166 100

165 99.2 78.6 118.0

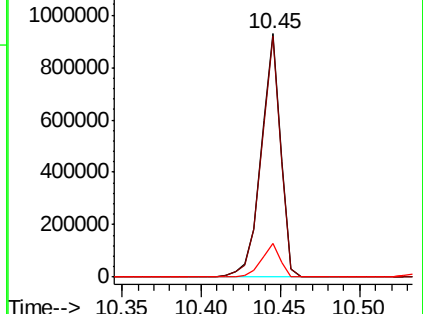
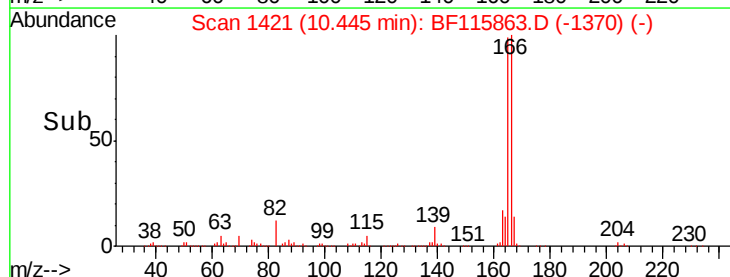
167 13.8 10.9 16.3

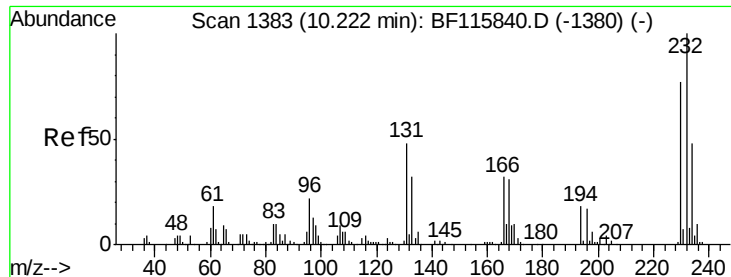


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

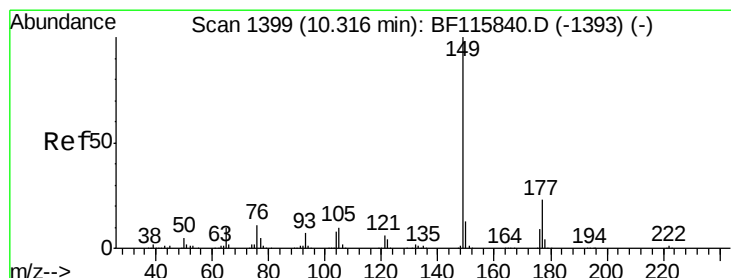
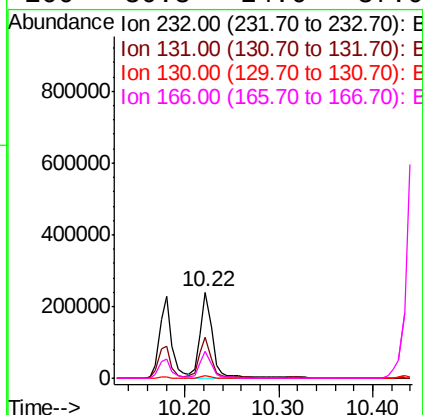
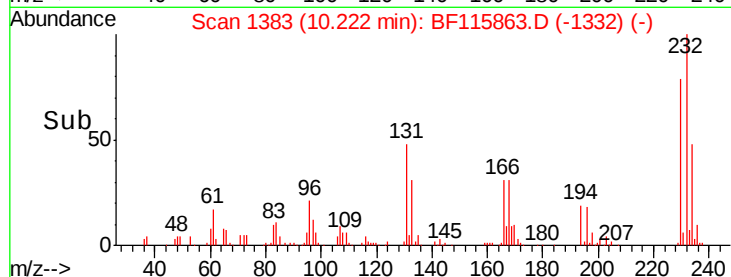
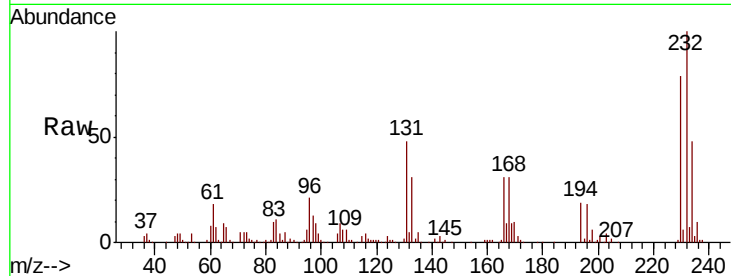




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.344 ng
 RT: 10.22 min Scan# 1383
 Delta R.T. -0.00 min
 Lab File: BF115863.D
 Acq: 31 Jul 2019 13:59

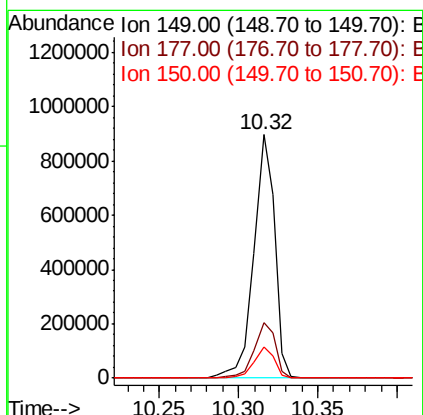
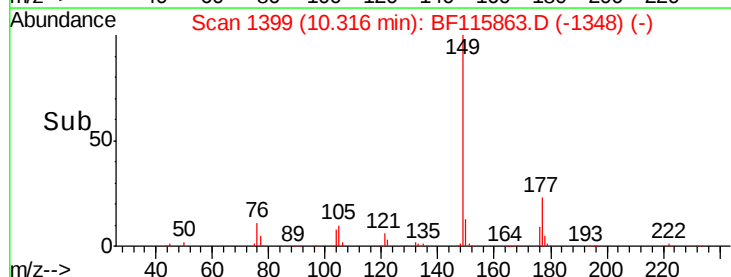
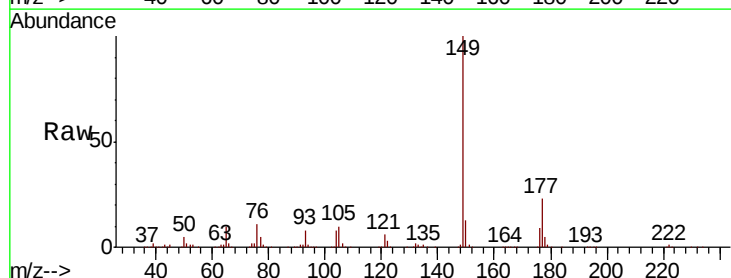
Instrument :
 BNA_F
 ClientSampleId :
 PB121801BSD

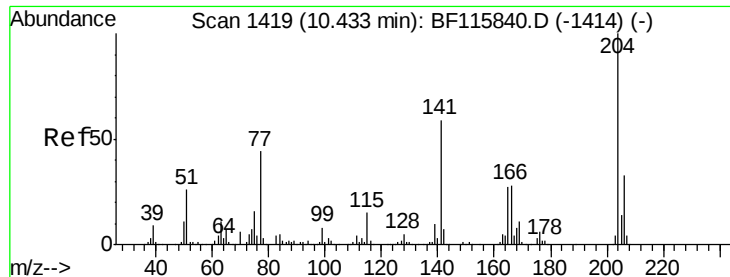
Tgt Ion	Ratio	Lower	Upper
232	100		
131	46.3	37.6	56.4
130	2.4	1.8	2.8
166	30.3	24.6	37.0



#60
 Diethylphthalate
 Concen: 41.767 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. 0.00 min
 Lab File: BF115863.D
 Acq: 31 Jul 2019 13:59

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.7	18.4	27.6
150	12.9	10.1	15.1

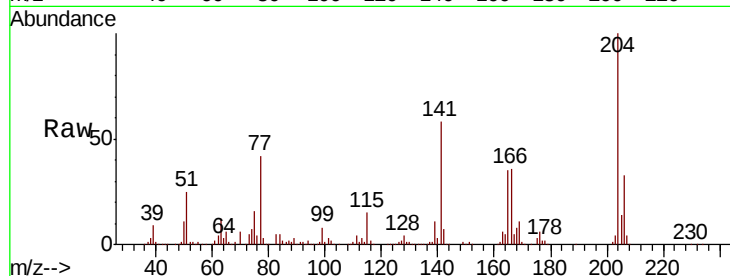




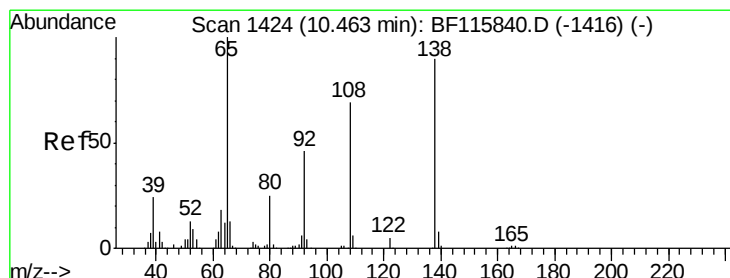
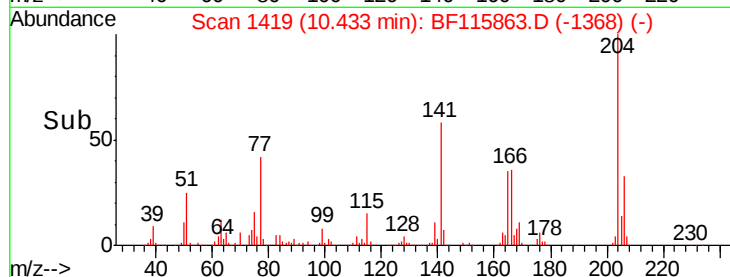
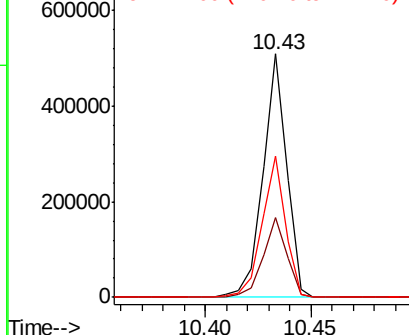
#61
4-Chlorophenyl-phenylether
Concen: 43.338 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.00 min
Lab File: BF115863.D
Acq: 31 Jul 2019 13:59

Instrument :
BNA_F
ClientSampleId :
PB121801BSD

Tgt Ion: 204 Resp: 398053
Ion Ratio Lower Upper
204 100
206 32.7 26.4 39.6
141 57.8 47.0 70.4

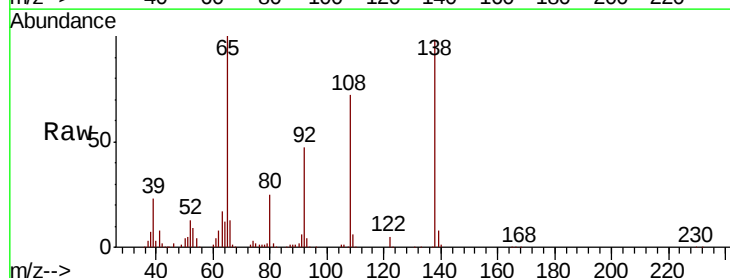


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

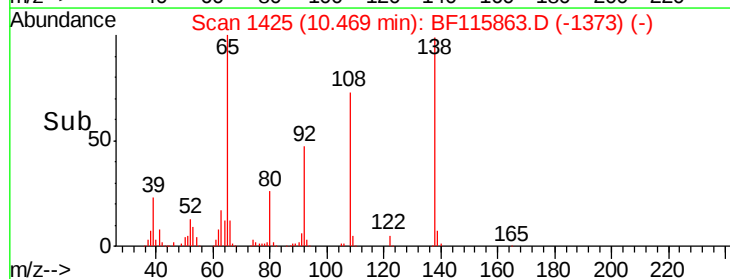
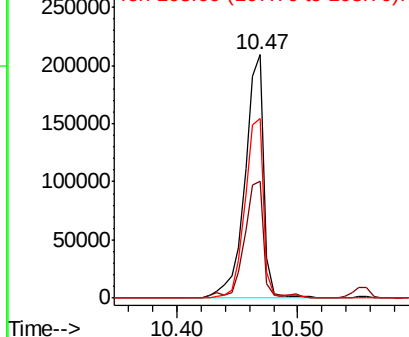


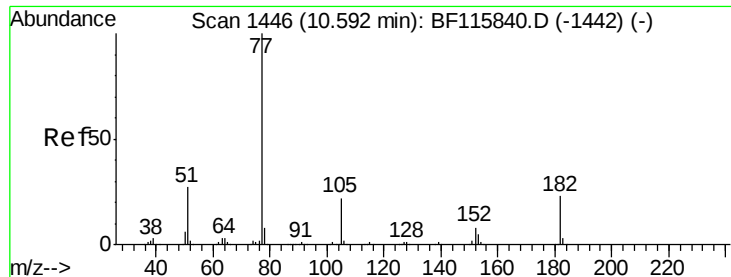
#62
4-Nitroaniline
Concen: 38.974 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BF115863.D
Acq: 31 Jul 2019 13:59

Tgt Ion: 138 Resp: 226966
Ion Ratio Lower Upper
138 100
92 48.1 31.0 71.0
108 74.0 56.7 96.7



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 43.504 ng

RT: 10.59 min Scan# 1446

Delta R.T. 0.00 min

Lab File: BF115863.D

Acq: 31 Jul 2019 13:59

Instrument :

BNA_F

ClientSampleId :

PB121801BSD

Tgt Ion: 77 Resp: 876709

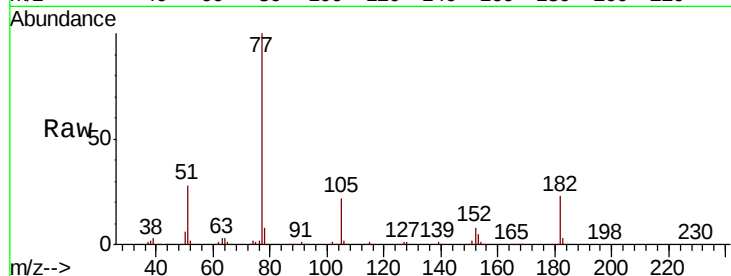
Ion Ratio Lower Upper

77 100

182 23.1 2.6 42.6

105 21.6 1.6 41.6

51 27.9 7.4 47.4

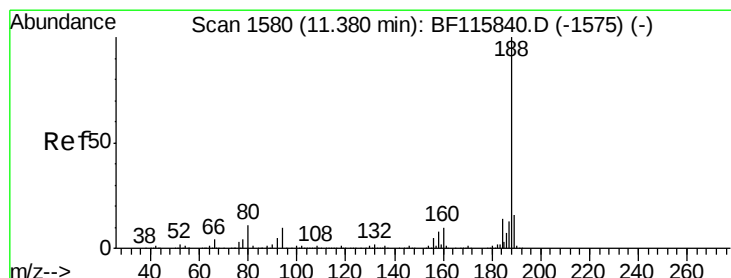
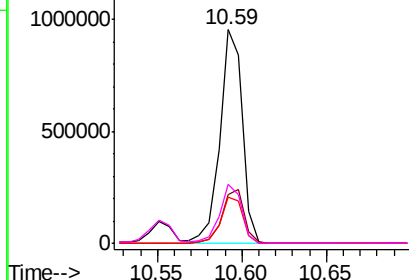
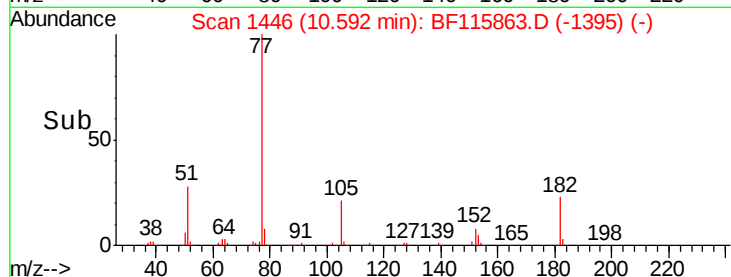


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.38 min Scan# 1580

Delta R.T. 0.00 min

Lab File: BF115863.D

Acq: 31 Jul 2019 13:59

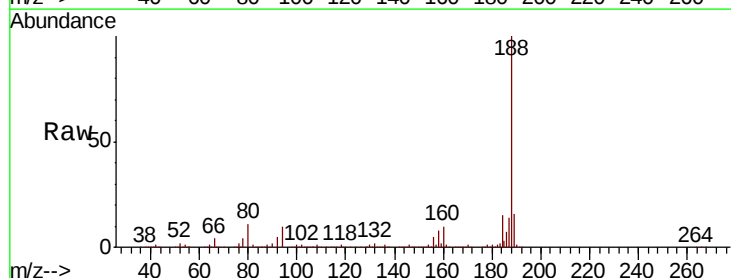
Tgt Ion: 188 Resp: 529783

Ion Ratio Lower Upper

188 100

94 10.0 8.0 12.0

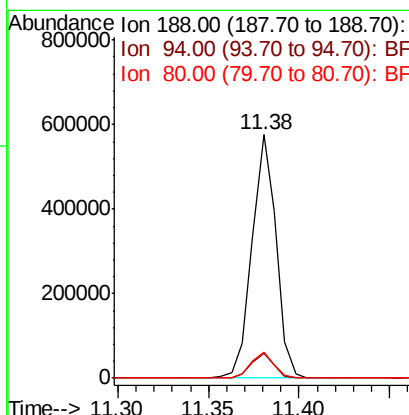
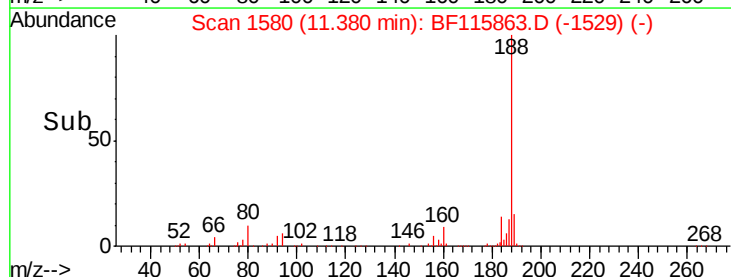
80 10.8 8.6 12.8

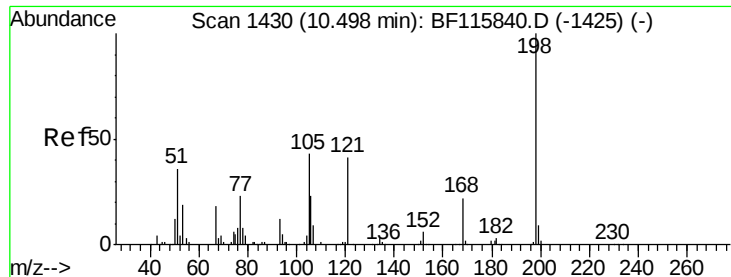


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

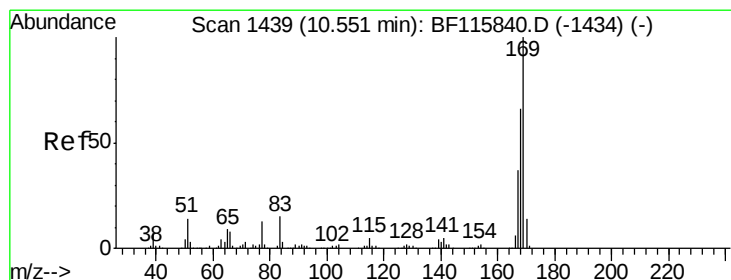
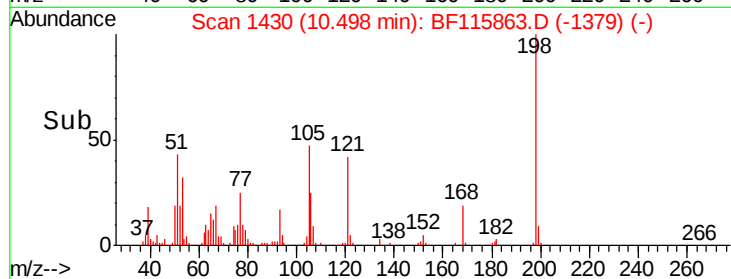
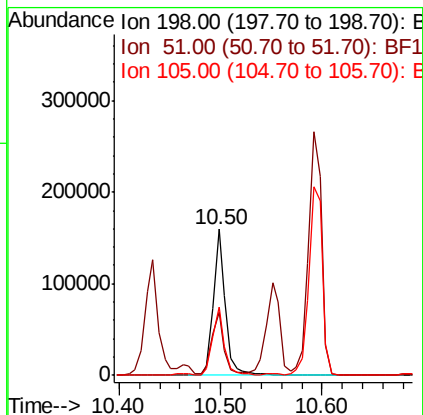
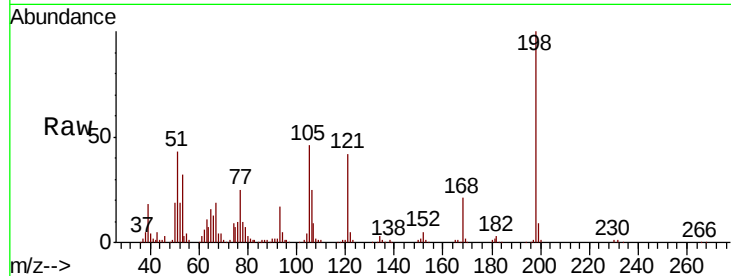




#65
 4,6-Dinitro-2-methylphenol
 Concen: 47.104 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. 0.00 min
 Lab File: BF115863.D
 Acq: 31 Jul 2019 13:59

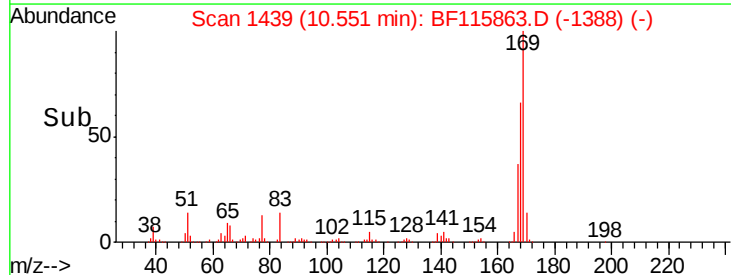
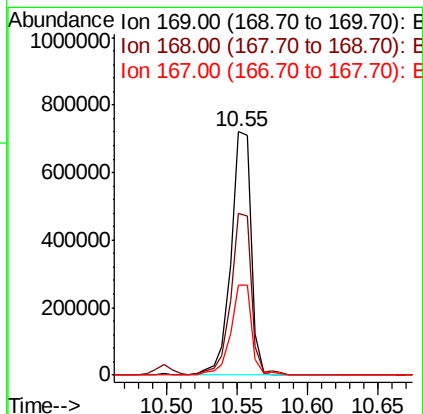
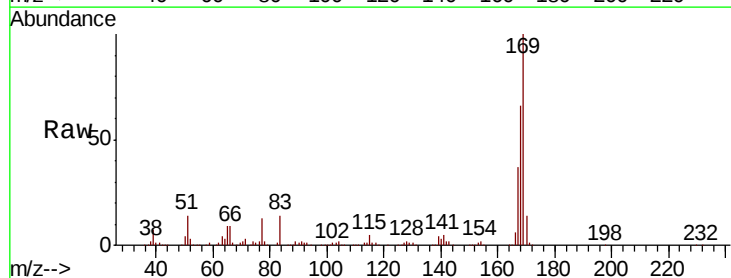
Instrument :
 BNA_F
 ClientSampleId :
 PB121801BSD

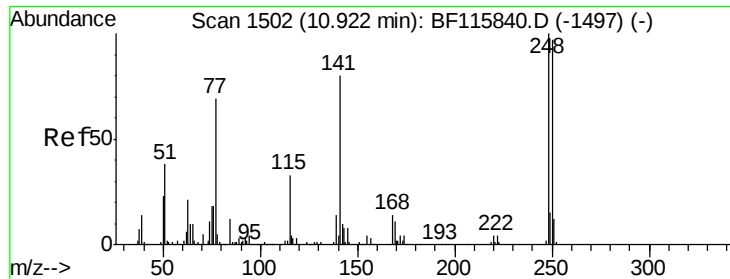
Tgt Ion:198 Resp: 132245
 Ion Ratio Lower Upper
 198 100
 51 43.0 21.1 61.1
 105 46.4 24.5 64.5



#66
 n-Nitrosodiphenylamine
 Concen: 44.934 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF115863.D
 Acq: 31 Jul 2019 13:59

Tgt Ion:169 Resp: 716510
 Ion Ratio Lower Upper
 169 100
 168 66.4 53.0 79.6
 167 36.8 29.9 44.9

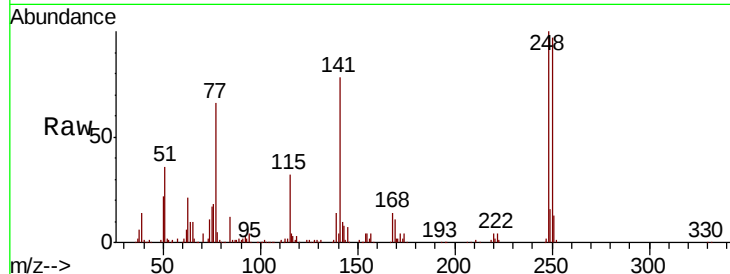




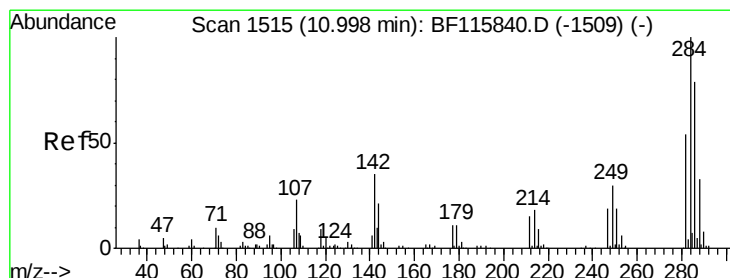
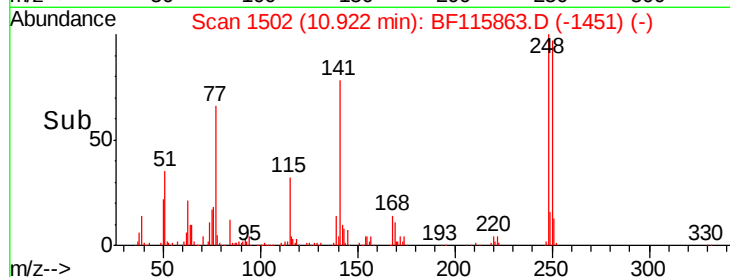
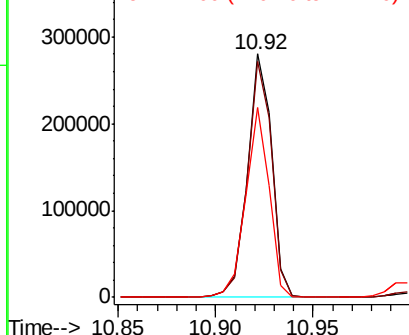
#67
4-Bromophenyl-phenylether
Concen: 42.628 ng
RT: 10.92 min Scan# 1502
Delta R.T. 0.00 min
Lab File: BF115863.D
Acq: 31 Jul 2019 13:59

Instrument :
BNA_F
ClientSampleId :
PB121801BSD

Tgt Ion:248 Resp: 241756
Ion Ratio Lower Upper
248 100
250 97.1 77.8 116.6
141 78.2 64.3 96.5

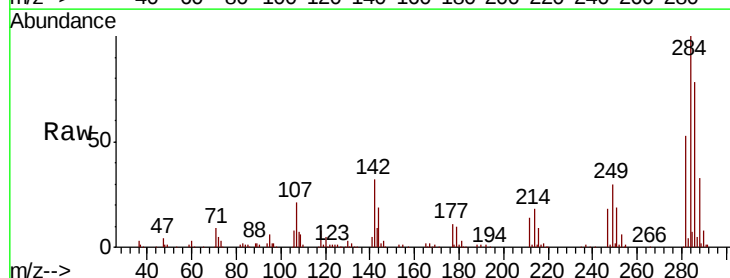


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

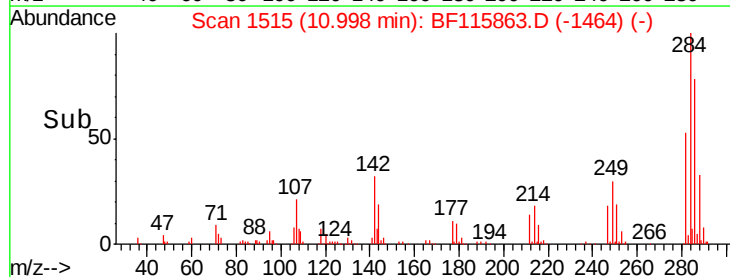
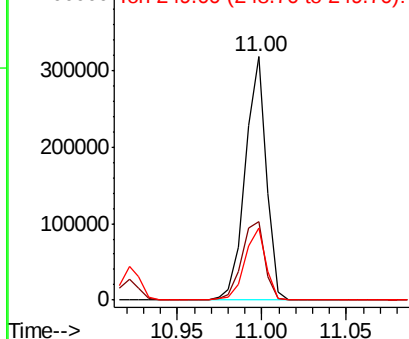


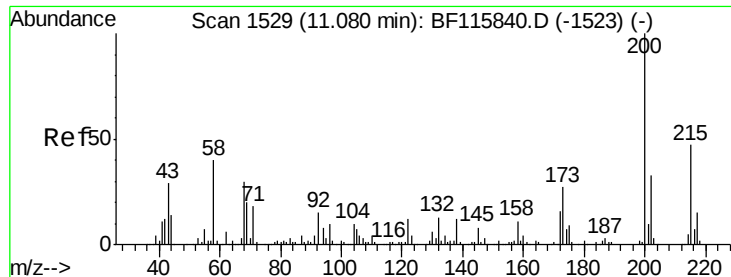
#68
Hexachlorobenzene
Concen: 42.305 ng
RT: 11.00 min Scan# 1515
Delta R.T. 0.00 min
Lab File: BF115863.D
Acq: 31 Jul 2019 13:59

Tgt Ion:284 Resp: 277433
Ion Ratio Lower Upper
284 100
142 32.1 28.2 42.2
249 29.8 24.0 36.0



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

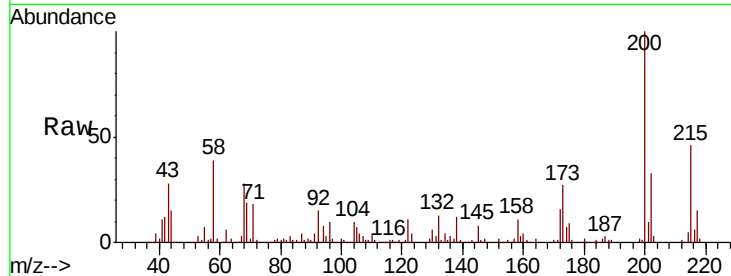




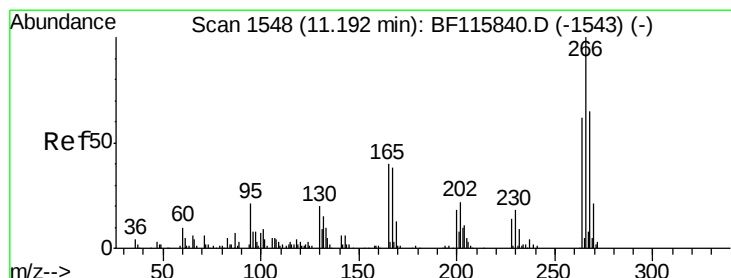
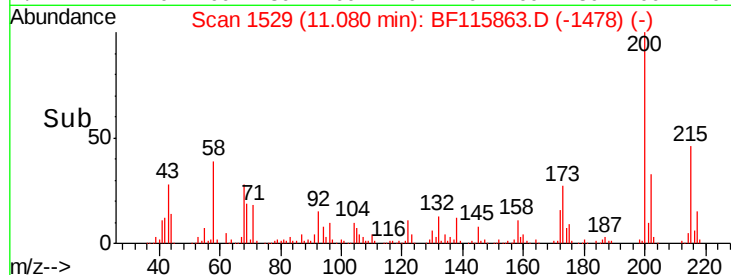
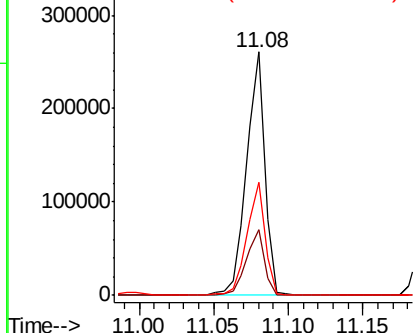
#69
 Atrazine
 Concen: 42.294 ng
 RT: 11.08 min Scan# 1529
 Delta R.T. -0.00 min
 Lab File: BF115863.D
 Acq: 31 Jul 2019 13:59

Instrument :
 BNA_F
 ClientSampleId :
 PB121801BSD

Tgt Ion:200 Resp: 221870
 Ion Ratio Lower Upper
 200 100
 173 26.8 7.3 47.3
 215 46.4 26.9 66.9

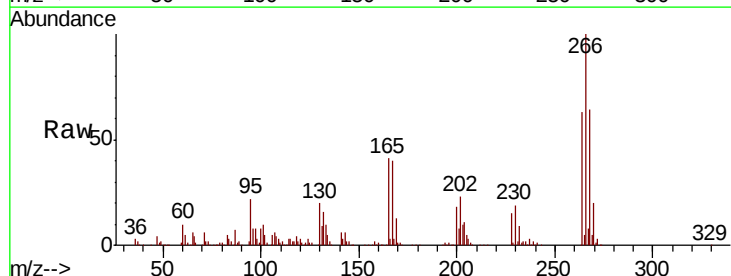


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

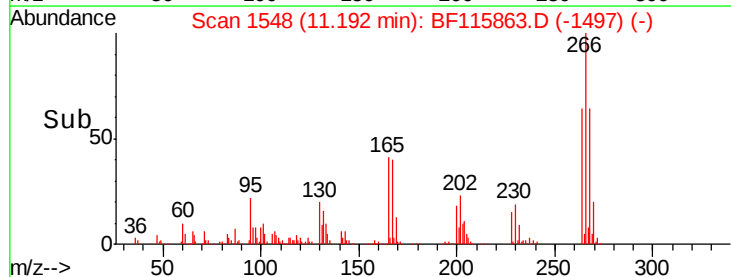
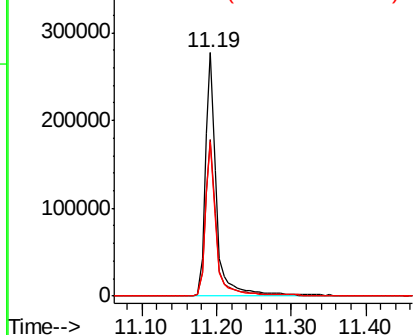


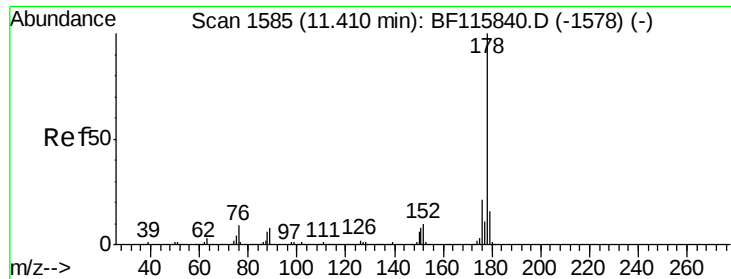
#70
 Pentachlorophenol
 Concen: 90.658 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. 0.00 min
 Lab File: BF115863.D
 Acq: 31 Jul 2019 13:59

Tgt Ion:266 Resp: 288644
 Ion Ratio Lower Upper
 266 100
 268 64.1 51.6 77.4
 264 63.5 49.4 74.0



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

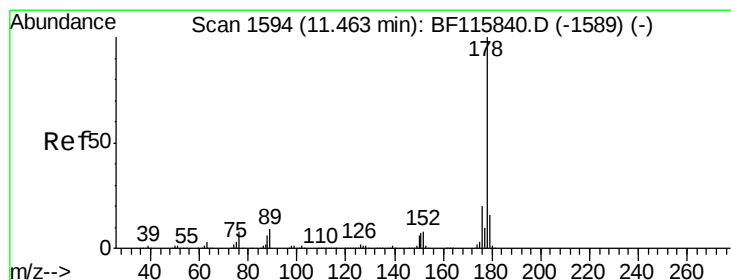
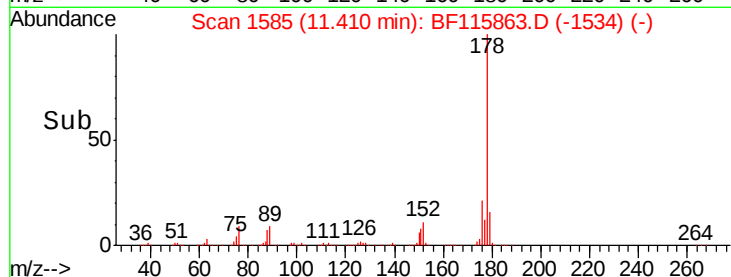
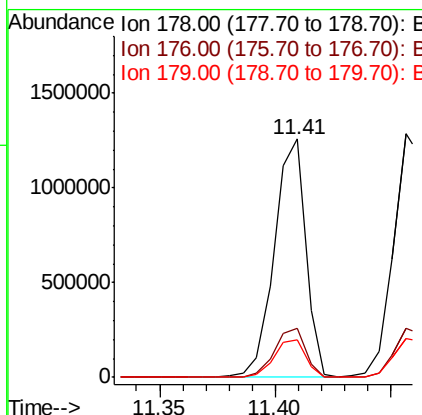
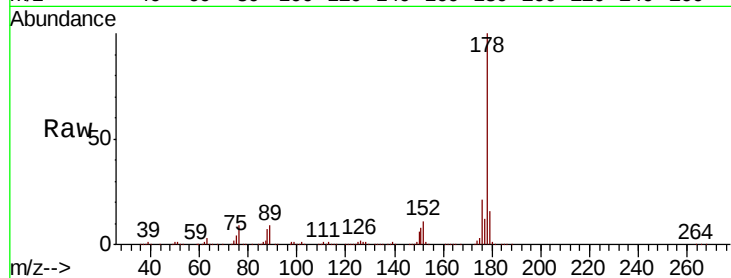




#71
Phenanthrene
Concen: 43.916 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BF115863.D
Acq: 31 Jul 2019 13:59

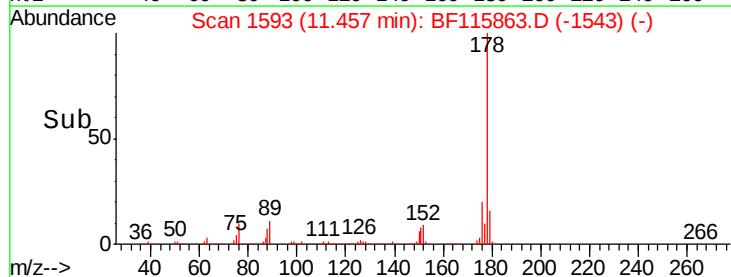
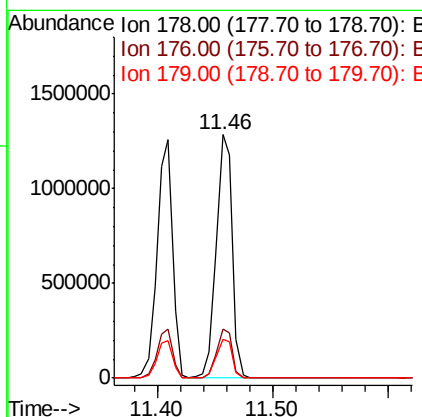
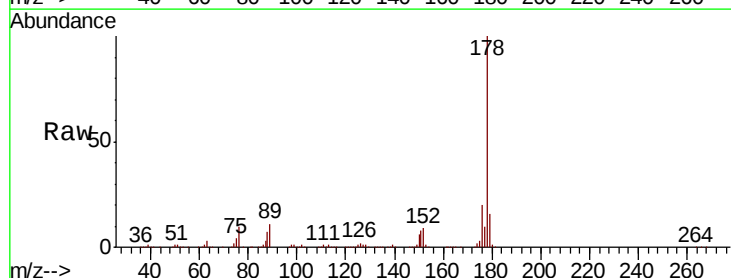
Instrument :
BNA_F
ClientSampleId :
PB121801BSD

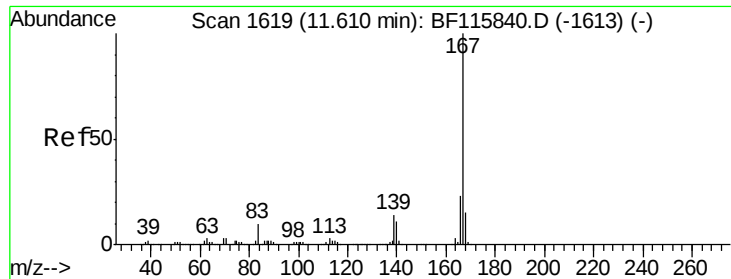
Tgt Ion:178 Resp: 1189403
Ion Ratio Lower Upper
178 100
176 20.5 16.5 24.7
179 15.8 12.6 18.8



#72
Anthracene
Concen: 45.005 ng
RT: 11.46 min Scan# 1593
Delta R.T. -0.01 min
Lab File: BF115863.D
Acq: 31 Jul 2019 13:59

Tgt Ion:178 Resp: 1233593
Ion Ratio Lower Upper
178 100
176 20.0 15.7 23.5
179 16.1 12.4 18.6

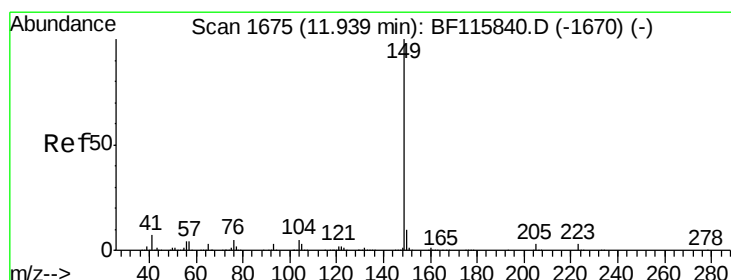
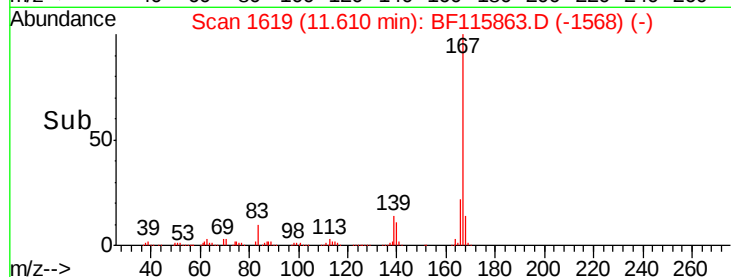
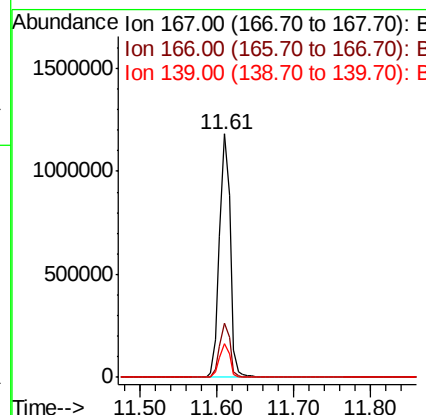
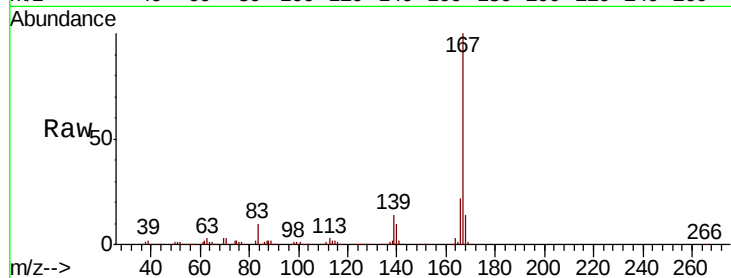




#73
 Carbazole
 Concen: 45.004 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. 0.00 min
 Lab File: BF115863.D
 Acq: 31 Jul 2019 13:59

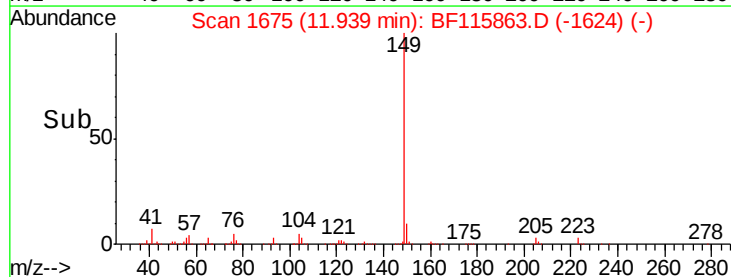
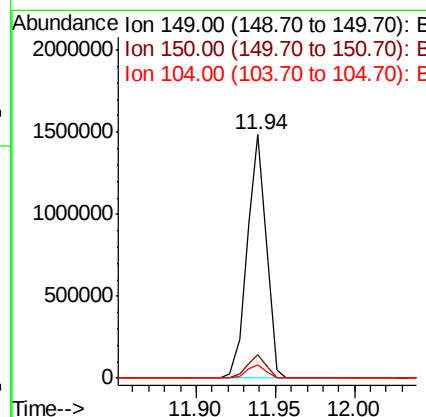
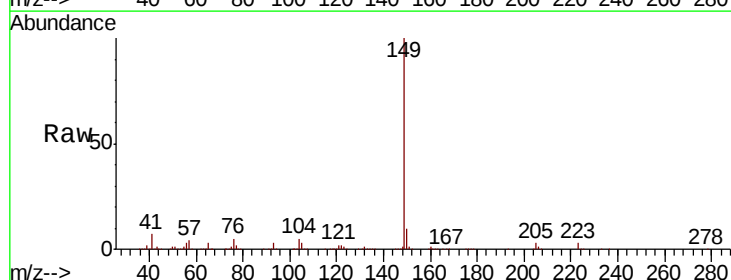
Instrument :
 BNA_F
 ClientSampleId :
 PB121801BSD

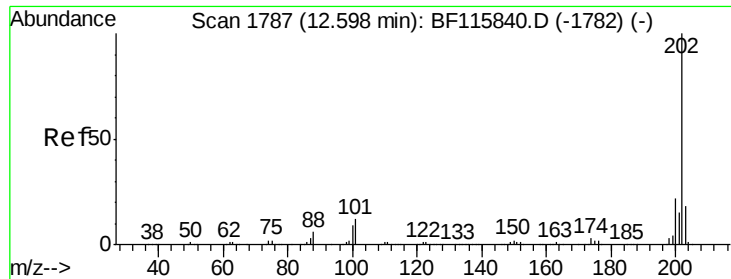
Tgt Ion:167 Resp: 1119129
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.0 27.0
 139 13.8 11.4 17.2



#74
 Di-n-butylphthalate
 Concen: 42.286 ng
 RT: 11.94 min Scan# 1675
 Delta R.T. 0.00 min
 Lab File: BF115863.D
 Acq: 31 Jul 2019 13:59

Tgt Ion:149 Resp: 1226675
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.7 11.5
 104 5.3 4.3 6.5

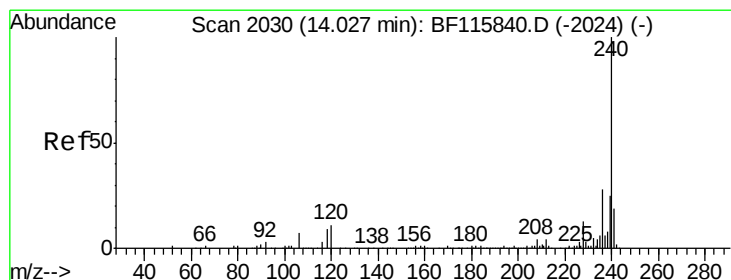
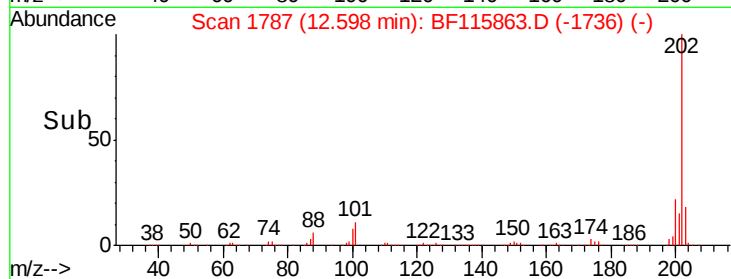
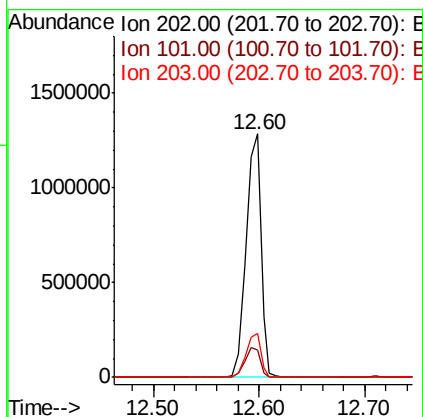
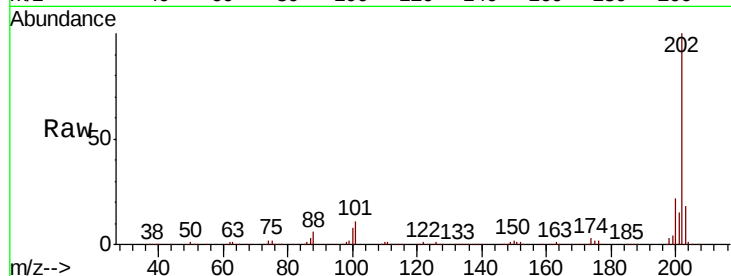




#75
 Fluoranthene
 Concen: 44.064 ng
 RT: 12.60 min Scan# 1787
 Delta R.T. -0.00 min
 Lab File: BF115863.D
 Acq: 31 Jul 2019 13:59

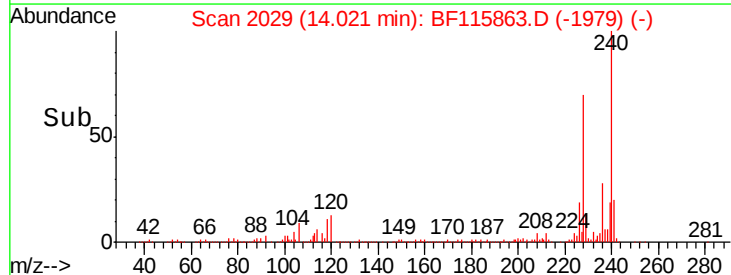
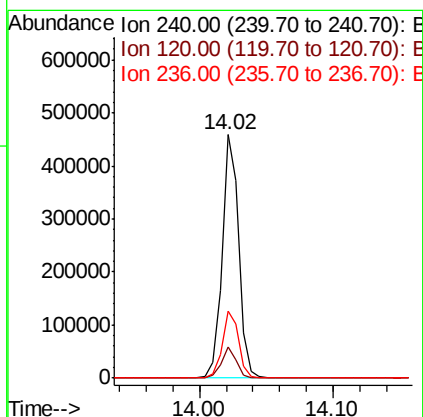
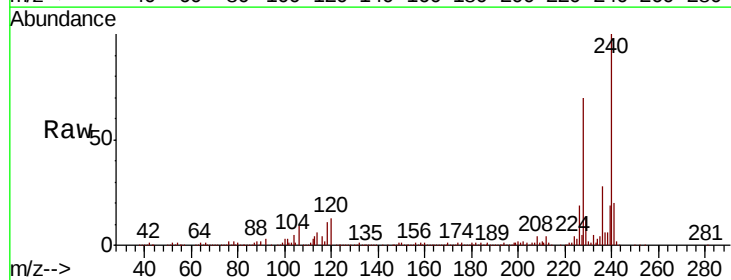
Instrument :
 BNA_F
 ClientSampleId :
 PB121801BSD

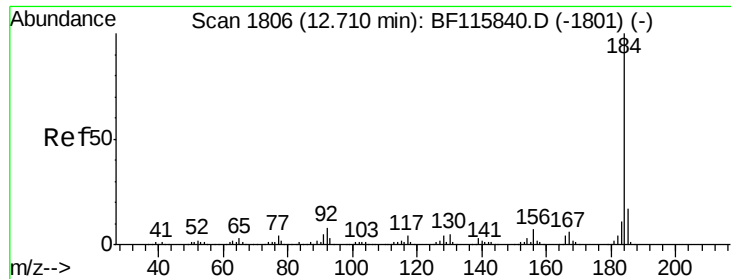
Tgt Ion: 202 Resp: 1249372
 Ion Ratio Lower Upper
 202 100
 101 11.3 0.0 31.5
 203 18.1 0.0 37.9



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF115863.D
 Acq: 31 Jul 2019 13:59

Tgt Ion: 240 Resp: 400691
 Ion Ratio Lower Upper
 240 100
 120 12.7 8.5 12.7#
 236 27.6 22.2 33.2





#77

Benzidine

Concen: 48.767 ng

RT: 12.71 min Scan# 1806

Delta R.T. 0.00 min

Lab File: BF115863.D

Acq: 31 Jul 2019 13:59

Instrument :

BNA_F

ClientSampleId :

PB121801BSD

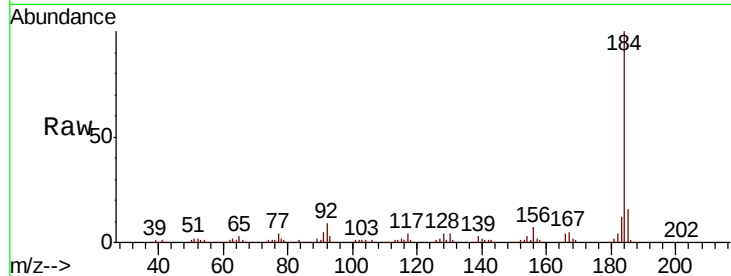
Tgt Ion:184 Resp: 660155

Ion Ratio Lower Upper

184 100

185 16.0 13.4 20.2

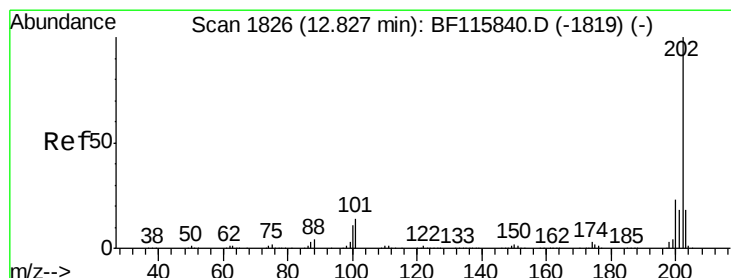
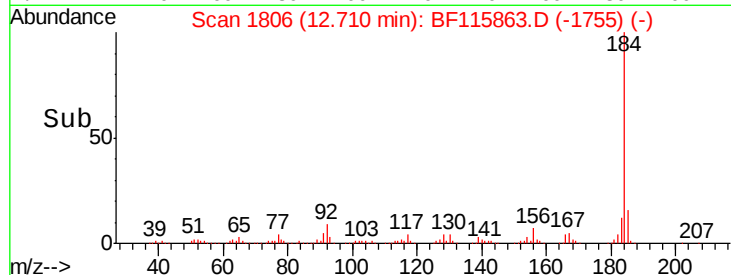
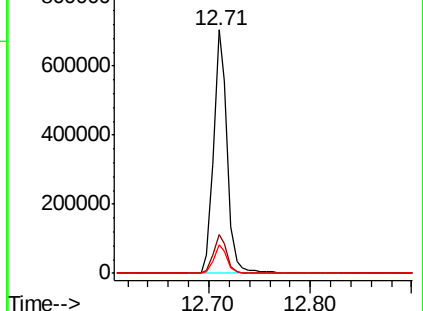
183 11.5 9.1 13.7



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.740 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.00 min

Lab File: BF115863.D

Acq: 31 Jul 2019 13:59

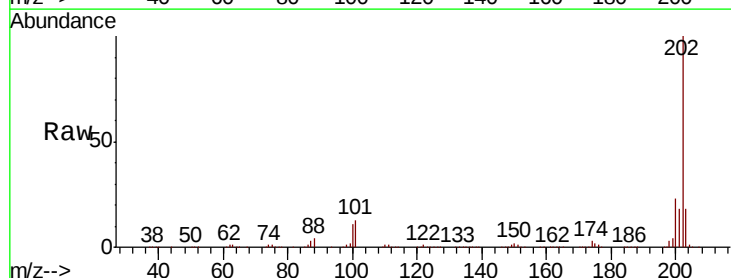
Tgt Ion:202 Resp: 1290954

Ion Ratio Lower Upper

202 100

200 22.6 18.2 27.2

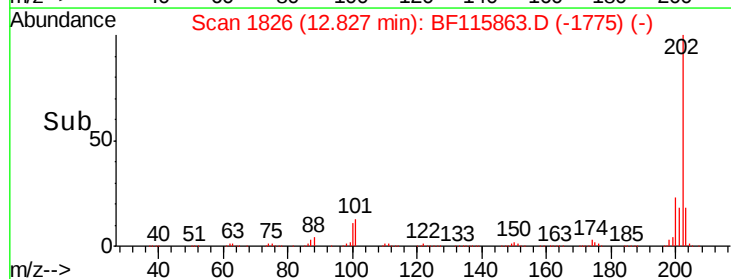
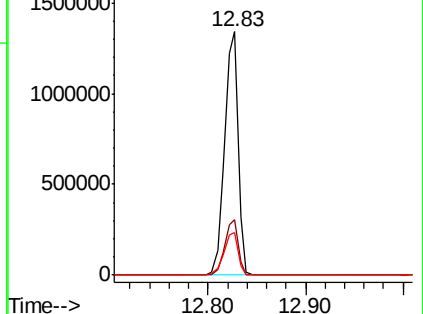
203 17.7 14.3 21.5

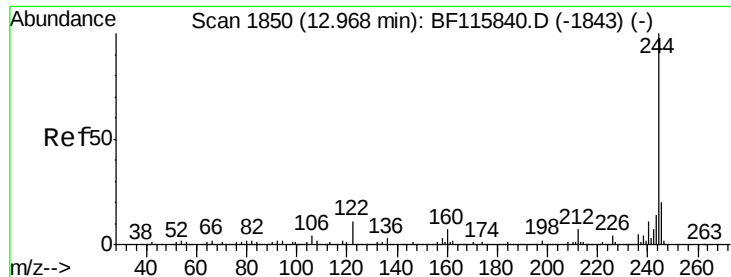


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 78.590 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BF115863.D

Acq: 31 Jul 2019 13:59

Instrument :

BNA_F

ClientSampleId :

PB121801BSD

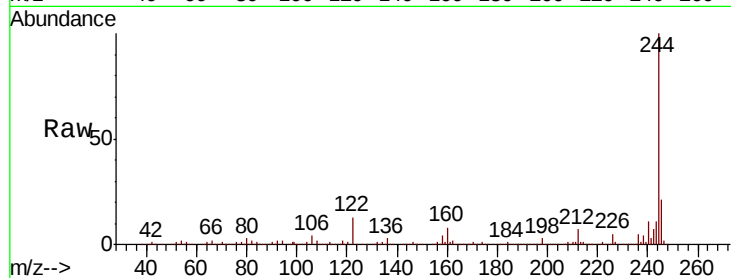
Tgt Ion:244 Resp: 1494445

Ion Ratio Lower Upper

244 100

212 7.3 5.6 8.4

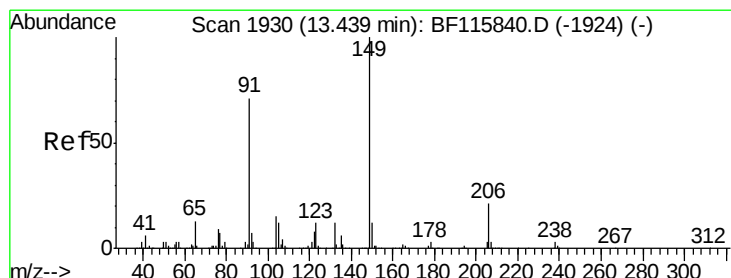
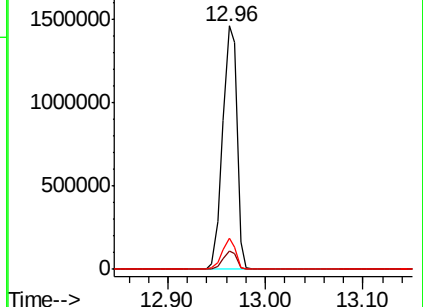
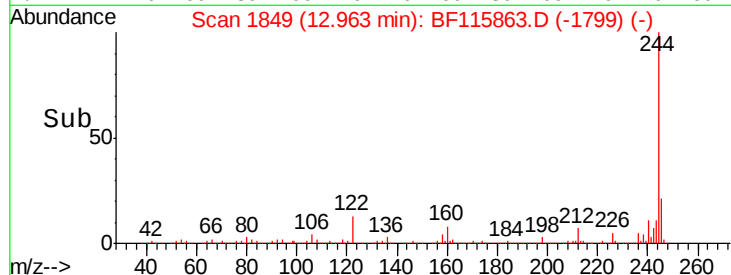
122 12.6 8.6 13.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.361 ng

RT: 13.44 min Scan# 1930

Delta R.T. 0.00 min

Lab File: BF115863.D

Acq: 31 Jul 2019 13:59

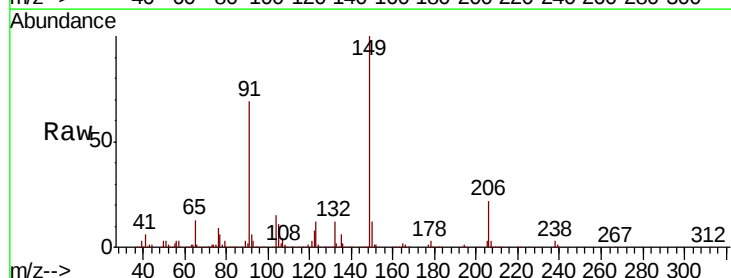
Tgt Ion:149 Resp: 528459

Ion Ratio Lower Upper

149 100

91 69.0 57.0 85.6

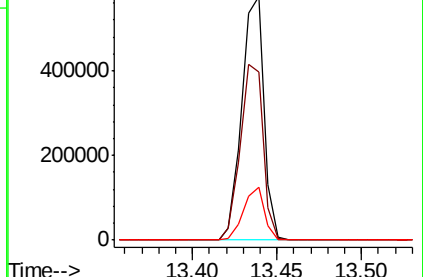
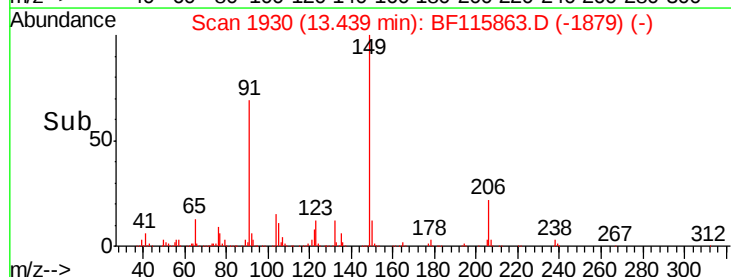
206 21.7 16.9 25.3

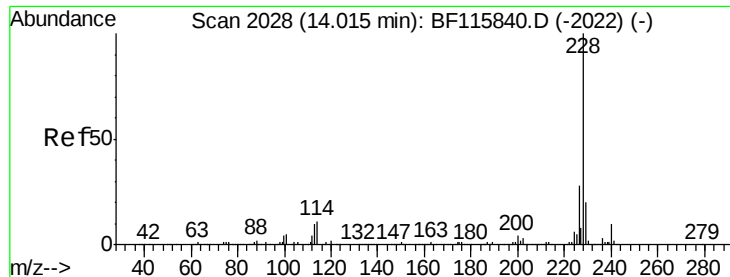


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.461 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF115863.D

Acq: 31 Jul 2019 13:59

Instrument :

BNA_F

ClientSampleId :

PB121801BSD

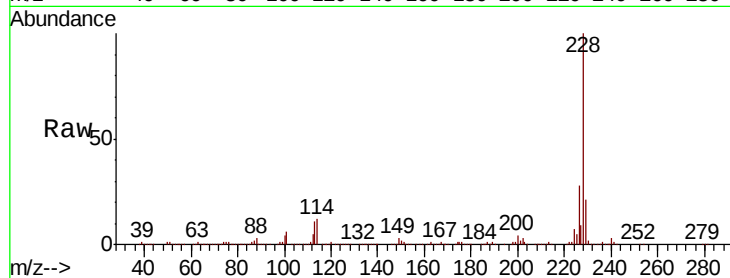
Tgt Ion:228 Resp: 1087465

Ion Ratio Lower Upper

228 100

226 28.3 22.5 33.7

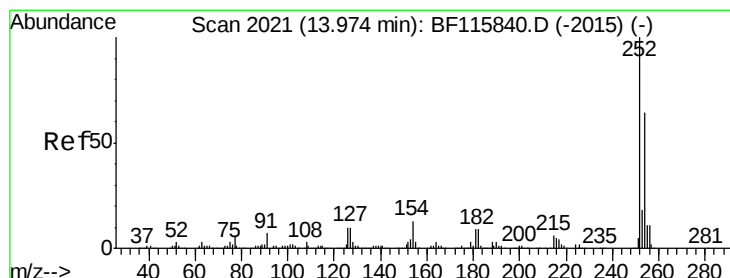
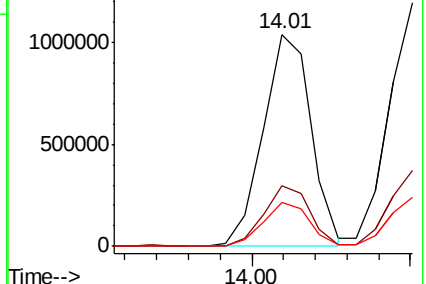
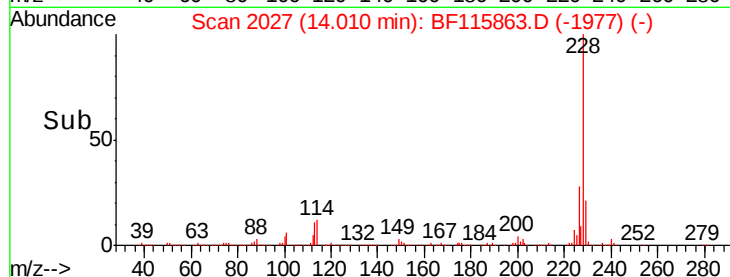
229 20.7 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 30.813 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF115863.D

Acq: 31 Jul 2019 13:59

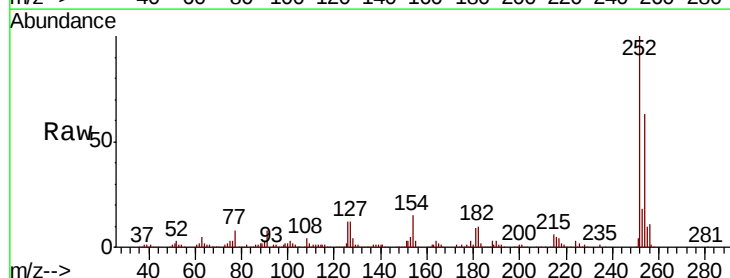
Tgt Ion:252 Resp: 274159

Ion Ratio Lower Upper

252 100

254 63.2 51.2 76.8

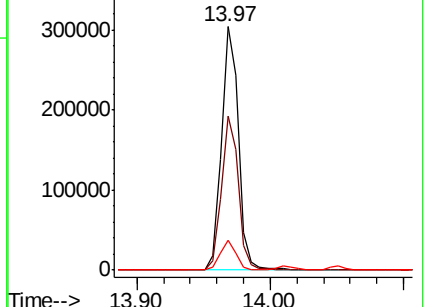
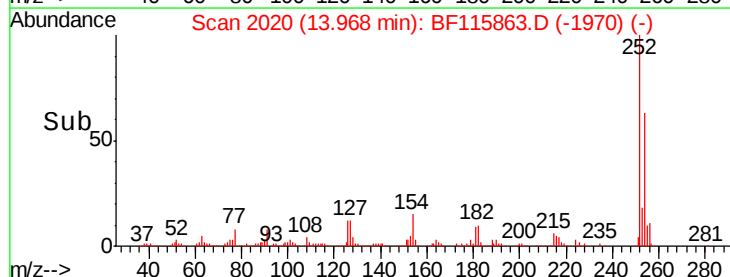
126 12.3 8.1 12.1#

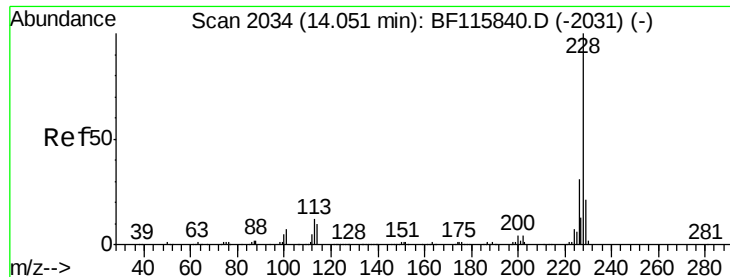


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 43.536 ng

RT: 14.05 min Scan# 2034

Delta R.T. 0.00 min

Lab File: BF115863.D

Acq: 31 Jul 2019 13:59

Instrument :

BNA_F

ClientSampleId :

PB121801BSD

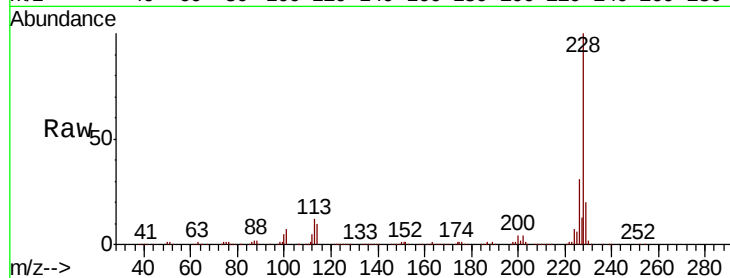
Tgt Ion:228 Resp: 1082480

Ion Ratio Lower Upper

228 100

226 31.3 24.8 37.2

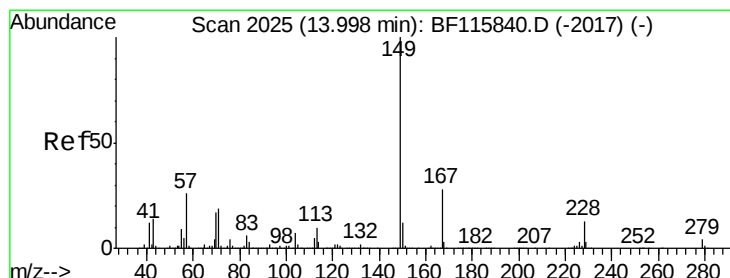
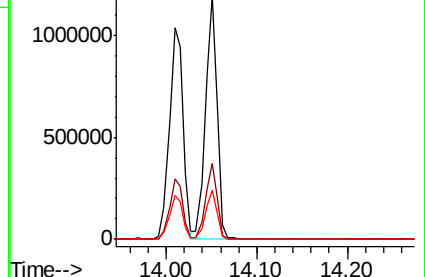
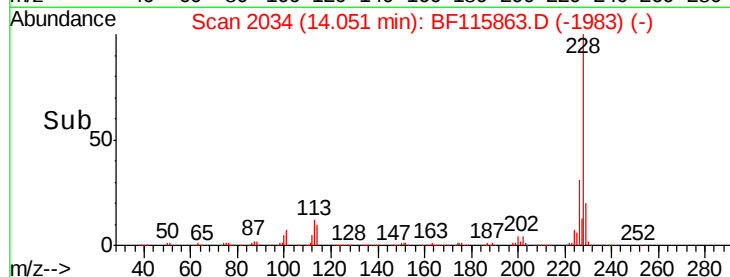
229 20.4 16.4 24.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.886 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF115863.D

Acq: 31 Jul 2019 13:59

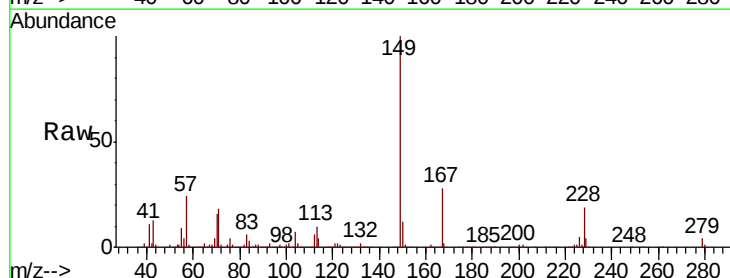
Tgt Ion:149 Resp: 695450

Ion Ratio Lower Upper

149 100

167 27.8 22.4 33.6

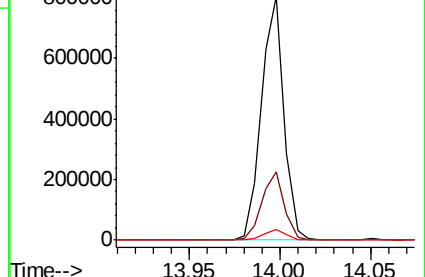
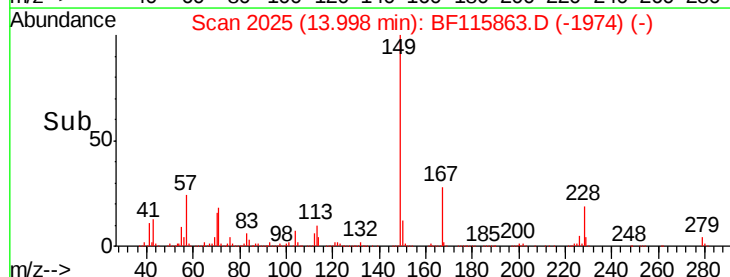
279 4.3 3.3 4.9

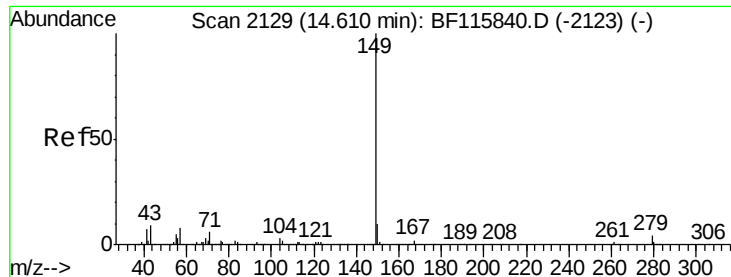


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

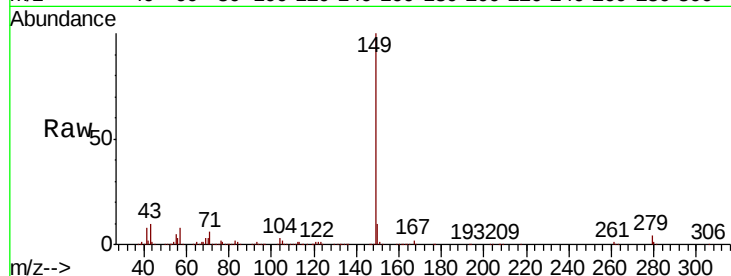




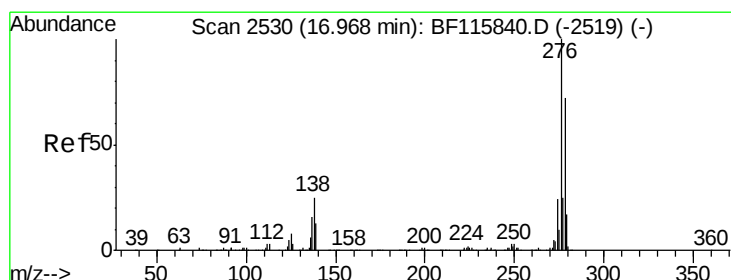
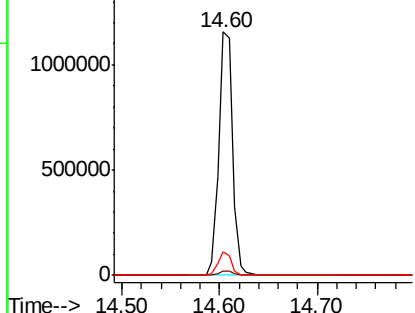
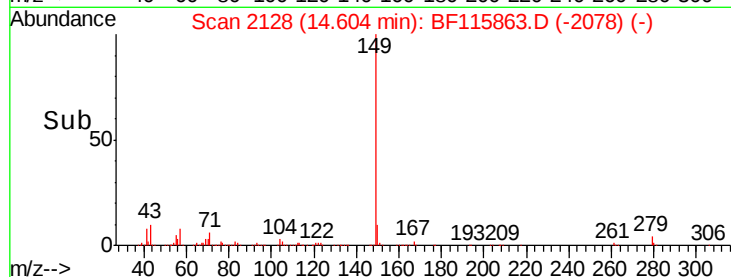
#85
Di-n-octyl phthalate
Concen: 43.154 ng
RT: 14.60 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BF115863.D
Acq: 31 Jul 2019 13:59

Instrument :
BNA_F
ClientSampleId :
PB121801BSD

Tgt Ion:149 Resp: 1138064
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 9.2 7.4 11.0

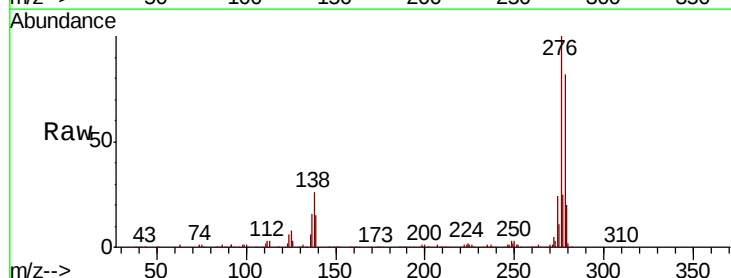


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

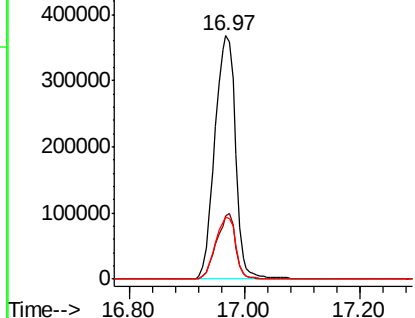
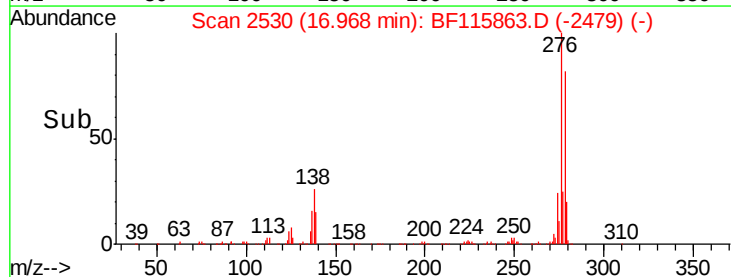


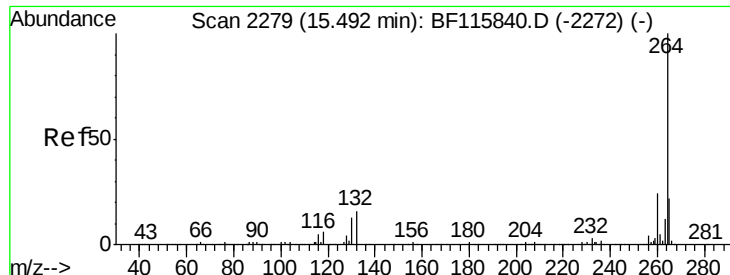
#86
Indeno(1,2,3-cd)pyrene
Concen: 44.168 ng
RT: 16.97 min Scan# 2530
Delta R.T. 0.00 min
Lab File: BF115863.D
Acq: 31 Jul 2019 13:59

Tgt Ion:276 Resp: 922360
Ion Ratio Lower Upper
276 100
138 24.9 19.6 29.4
277 25.1 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

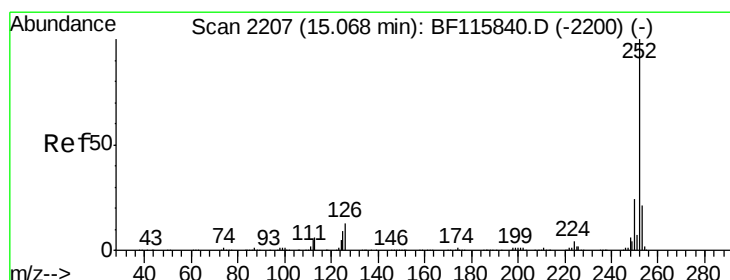
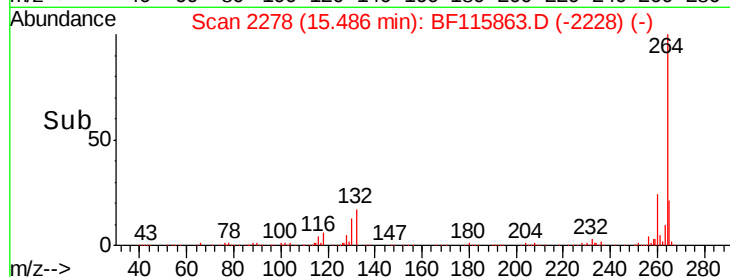
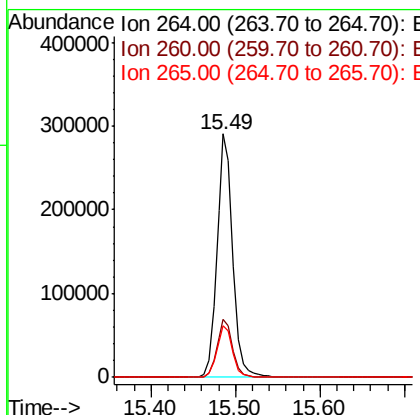
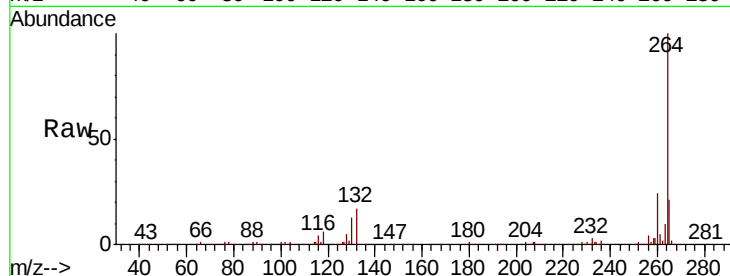




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BF115863.D
Acq: 31 Jul 2019 13:59

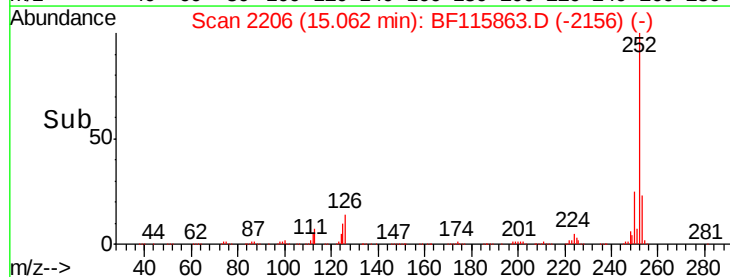
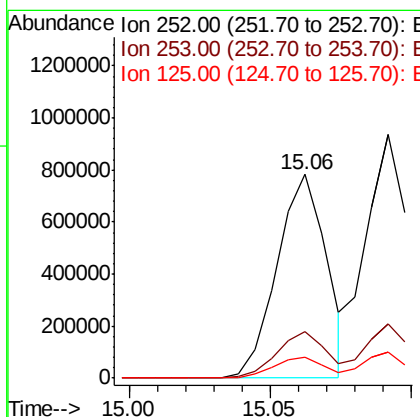
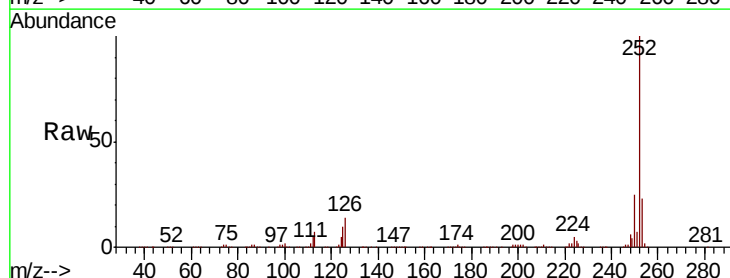
Instrument :
BNA_F
ClientSampleId :
PB121801BSD

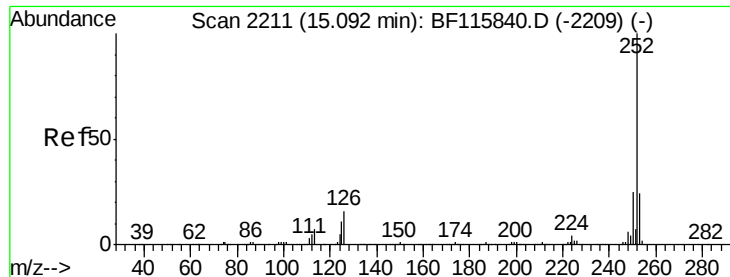
Tgt Ion:264 Resp: 379931
Ion Ratio Lower Upper
264 100
260 23.9 19.4 29.2
265 21.4 17.5 26.3



#88
Benzo(b)fluoranthene
Concen: 43.349 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF115863.D
Acq: 31 Jul 2019 13:59

Tgt Ion:252 Resp: 952301
Ion Ratio Lower Upper
252 100
253 22.6 17.2 25.8
125 10.4 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 45.307 ng

RT: 15.09 min Scan# 2211

Delta R.T. 0.00 min

Lab File: BF115863.D

Acq: 31 Jul 2019 13:59

Instrument :

BNA_F

ClientSampleId :

PB121801BSD

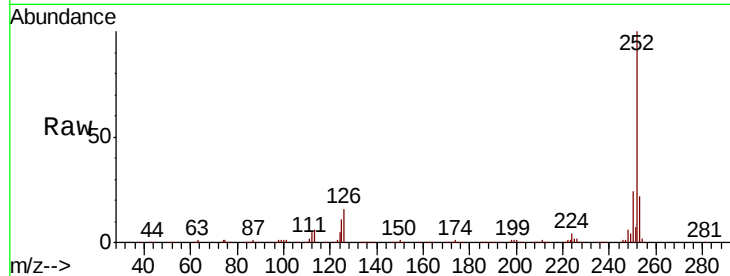
Tgt Ion:252 Resp: 969443

Ion Ratio Lower Upper

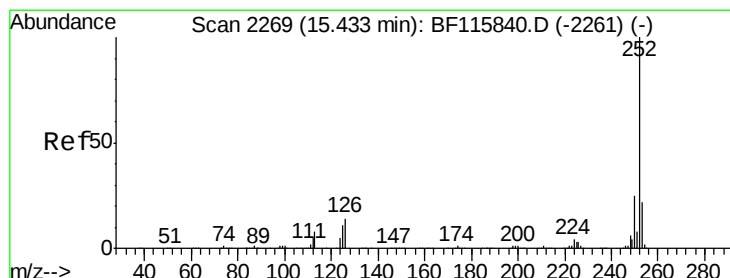
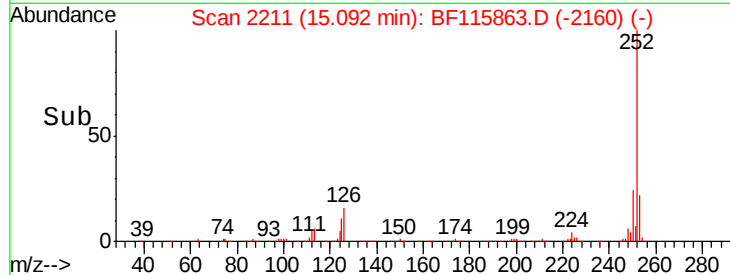
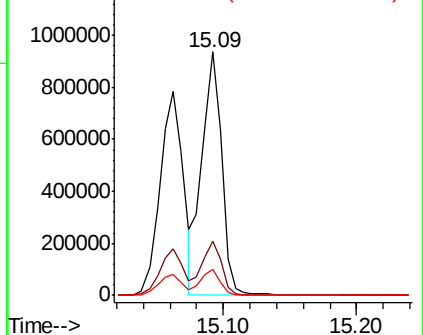
252 100

253 22.3 18.2 27.4

125 10.7 8.9 13.3



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 46.451 ng

RT: 15.43 min Scan# 2268

Delta R.T. -0.01 min

Lab File: BF115863.D

Acq: 31 Jul 2019 13:59

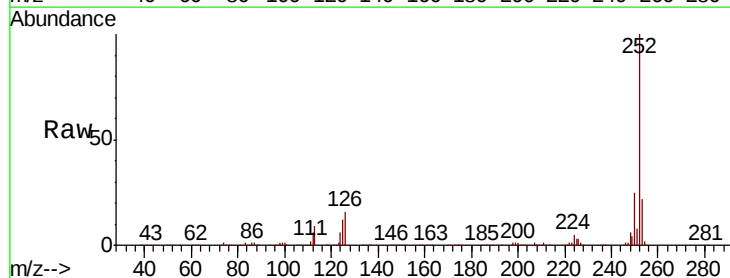
Tgt Ion:252 Resp: 912185

Ion Ratio Lower Upper

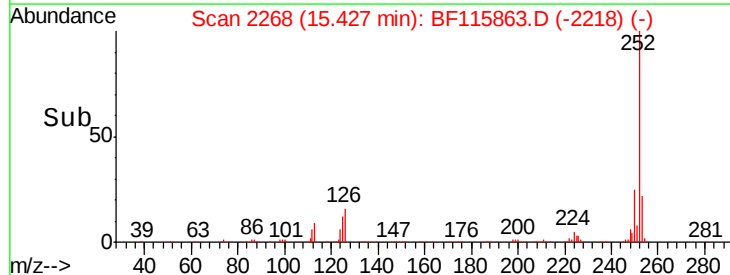
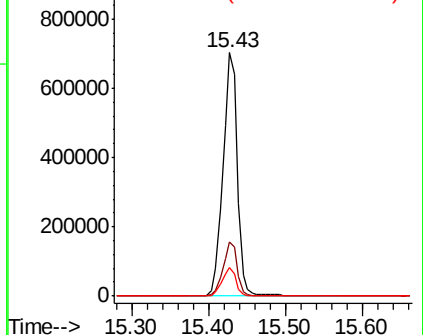
252 100

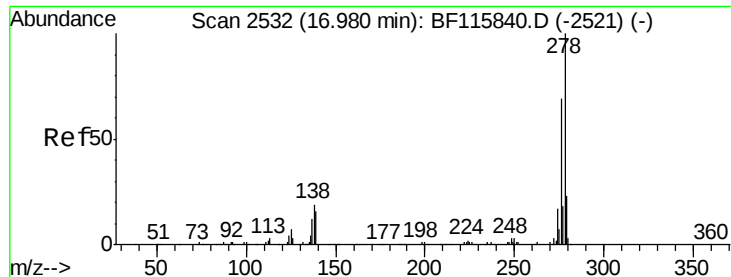
253 22.2 17.8 26.6

125 11.8 8.8 13.2



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 45.008 ng

RT: 16.98 min Scan# 2532

Delta R.T. -0.00 min

Lab File: BF115863.D

Acq: 31 Jul 2019 13:59

Instrument :

BNA_F

ClientSampleId :

PB121801BSD

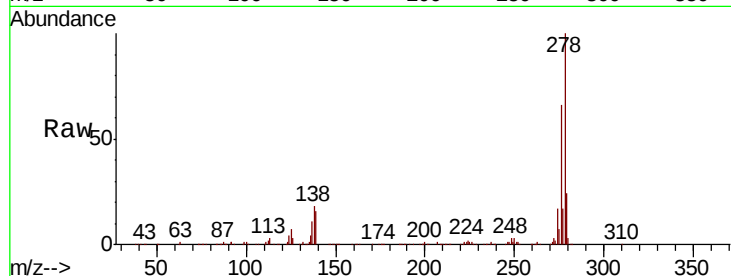
Tgt Ion:278 Resp: 765073

Ion Ratio Lower Upper

278 100

139 15.7 12.6 19.0

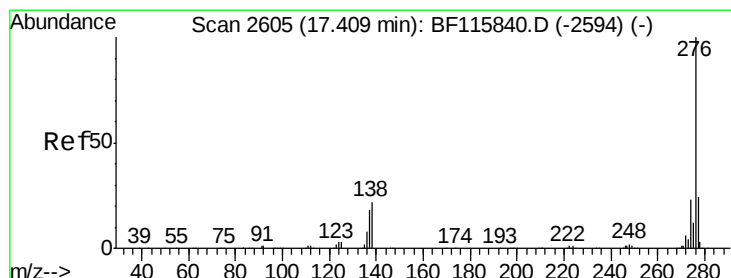
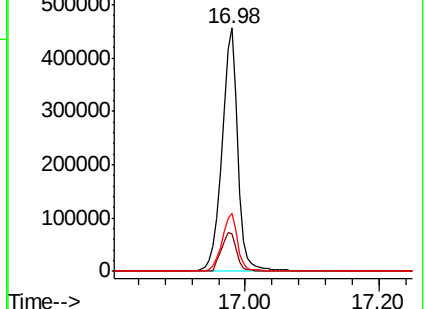
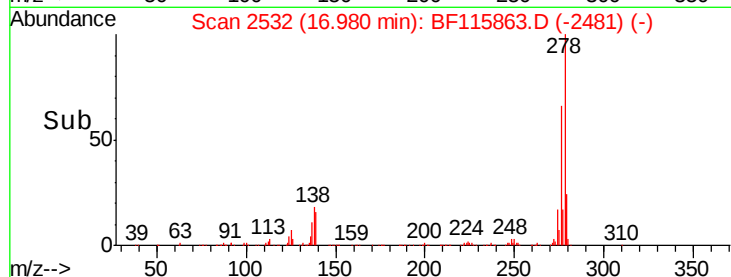
279 23.9 18.8 28.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 45.136 ng

RT: 17.41 min Scan# 2605

Delta R.T. 0.00 min

Lab File: BF115863.D

Acq: 31 Jul 2019 13:59

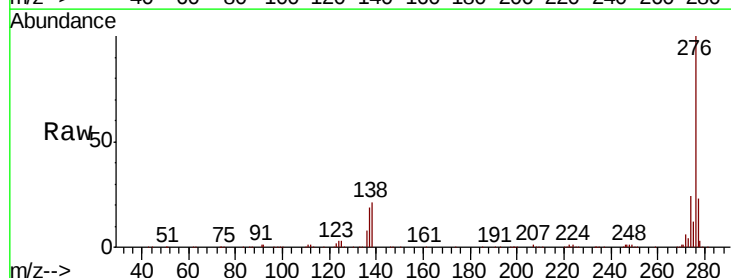
Tgt Ion:276 Resp: 753517

Ion Ratio Lower Upper

276 100

277 23.5 19.5 29.3

138 21.1 17.8 26.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

