

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073119\
 Data File : BF115862.D
 Acq On : 31 Jul 2019 13:32
 Operator : HP/JU
 Sample : PB121801BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 31 18:23:58 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	144672	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	579077	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	303716	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	525013	20.00	ng	0.00
76) Chrysene-d12	14.02	240	395272	20.00	ng	0.00
87) Perylene-d12	15.49	264	373587	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	989947	114.55	ng	0.02
7) Phenol-d6	6.49	99	1254884	115.09	ng	0.00
23) Nitrobenzene-d5	7.42	82	819892	81.73	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	343312	116.59	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1388088	85.61	ng	0.00
79) Terphenyl-d14	12.96	244	1490032	79.43	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.73	88	183307	41.987	ng	99
3) Pyridine	3.46	79	475070	38.954	ng	99
4) n-Nitrosodimethylamine	3.42	42	210839	43.808	ng	98
6) Aniline	6.52	93	518808	33.225	ng	100
8) 2-Chlorophenol	6.64	128	428366	44.826	ng	99
9) Benzaldehyde	6.40	77	250364	33.279	ng	97
10) Phenol	6.50	94	556961	43.378	ng	91
11) bis(2-Chloroethyl)ether	6.59	93	408115	43.233	ng	99
12) 1,3-Dichlorobenzene	6.79	146	464236	42.035	ng	98
13) 1,4-Dichlorobenzene	6.87	146	471689	42.655	ng	99
14) 1,2-Dichlorobenzene	7.02	146	436114	42.831	ng	99
15) Benzyl Alcohol	6.99	79	368976	44.592	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	539528	41.901	ng	99
17) 2-Methylphenol	7.10	107	364833	45.087	ng	99
18) Hexachloroethane	7.36	117	171099	42.025	ng	95
19) n-Nitroso-di-n-propylamine	7.27	70	292846	43.342	ng	99
20) 3+4-Methylphenols	7.26	107	429909	44.896	ng	93
22) Acetophenone	7.26	105	575828	45.341	ng	# 99
24) Nitrobenzene	7.43	77	473478	43.710	ng	97
25) Isophorone	7.67	82	844555	44.027	ng	99
26) 2-Nitrophenol	7.75	139	234543	45.934	ng	96
27) 2,4-Dimethylphenol	7.79	122	380942	49.588	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	507378	42.674	ng	99
29) 2,4-Dichlorophenol	7.99	162	364569	44.946	ng	100
30) 1,2,4-Trichlorobenzene	8.07	180	400326	43.297	ng	98
31) Naphthalene	8.16	128	1244475	45.669	ng	100
32) Benzoic acid	7.93	122	253752	46.852	ng	98
33) 4-Chloroaniline	8.20	127	284683	23.382	ng	98
34) Hexachlorobutadiene	8.27	225	221903	41.667	ng	98
35) Caprolactam	8.57	113	55911	21.313	ng	98
36) 4-Chloro-3-methylphenol	8.69	107	381067	45.160	ng	97
37) 2-Methylnaphthalene	8.85	142	814984	45.412	ng	100
38) 1-Methylnaphthalene	8.95	142	768725	45.277	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	366339	45.118	ng	99

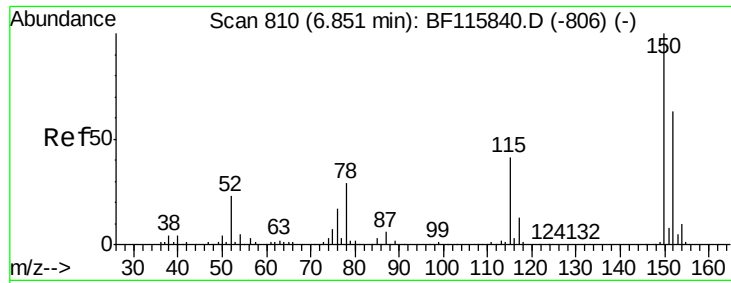
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073119\
 Data File : BF115862.D
 Acq On : 31 Jul 2019 13:32
 Operator : HP/JU
 Sample : PB121801BS
 Misc :
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Instrument :
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Quant Time: Jul 31 18:23:58 2019
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 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)
41) Hexachlorocyclopentadiene	9.01	237	321639	87.629	ng	100
43) 2,4,6-Trichlorophenol	9.13	196	237068	42.418	ng	100
44) 2,4,5-Trichlorophenol	9.17	196	257177	44.516	ng	99
46) 1,1'-Biphenyl	9.32	154	966055	45.054	ng	99
47) 2-Chloronaphthalene	9.34	162	768411	43.057	ng	98
48) 2-Nitroaniline	9.43	65	244167	41.392	ng	88
49) Acenaphthylene	9.76	152	1183551	45.458	ng	99
50) Dimethylphthalate	9.62	163	862120	41.689	ng	100
51) 2,6-Dinitrotoluene	9.68	165	198281	44.121	ng	97
52) Acenaphthene	9.93	154	705227	44.152	ng	99
53) 3-Nitroaniline	9.85	138	147812	26.619	ng	91
54) 2,4-Dinitrophenol	9.96	184	181753	79.563	ng	# 88
55) Dibenzofuran	10.10	168	1049497	45.181	ng	99
56) 4-Nitrophenol	10.02	139	343999	96.704	ng	97
57) 2,4-Dinitrotoluene	10.09	165	262395	43.853	ng	95
58) Fluorene	10.45	166	793576	44.405	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.22	232	220611	45.389	ng	98
60) Diethylphthalate	10.32	149	813383	42.129	ng	100
61) 4-Chlorophenyl-phenylether	10.43	204	385980	42.645	ng	99
62) 4-Nitroaniline	10.47	138	224337	39.092	ng	96
63) Azobenzene	10.59	77	860596	43.336	ng	99
65) 4,6-Dinitro-2-methylphenol	10.50	198	129263	46.460	ng	98
66) n-Nitrosodiphenylamine	10.55	169	711956	45.054	ng	99
67) 4-Bromophenyl-phenylether	10.92	248	240367	42.768	ng	100
68) Hexachlorobenzene	11.00	284	272931	41.996	ng	98
69) Atrazine	11.08	200	218051	41.944	ng	99
70) Pentachlorophenol	11.19	266	282335	89.482	ng	98
71) Phenanthrene	11.41	178	1189464	44.317	ng	100
72) Anthracene	11.46	178	1226524	45.154	ng	99
73) Carbazole	11.61	167	1110303	45.054	ng	99
74) Di-n-butylphthalate	11.94	149	1207881	42.016	ng	100
75) Fluoranthene	12.59	202	1223228	43.533	ng	97
77) Benzidine	12.71	184	655002	49.049	ng	99
78) Pyrene	12.82	202	1268010	42.556	ng	99
80) Butylbenzylphthalate	13.44	149	517849	41.086	ng	97
81) Benzo(a)anthracene	14.01	228	1086906	43.021	ng	99
82) 3,3'-Dichlorobenzidine	13.97	252	263009	29.965	ng	99
83) Chrysene	14.05	228	1044618	42.589	ng	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	672273	41.046	ng	100
85) Di-n-octyl phthalate	14.60	149	1113599	42.806	ng	100
86) Indeno(1,2,3-cd)pyrene	16.97	276	909637	44.156	ng	100
88) Benzo(b)fluoranthene	15.06	252	945977	43.793	ng	97
89) Benzo(k)fluoranthene	15.09	252	959604	45.609	ng	99
90) Benzo(a)pyrene	15.43	252	899180	46.566	ng	99
91) Dibenzo(a,h)anthracene	16.97	278	756189	45.241	ng	99
92) Benzo(g,h,i)perylene	17.41	276	753527	45.903	ng	98

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

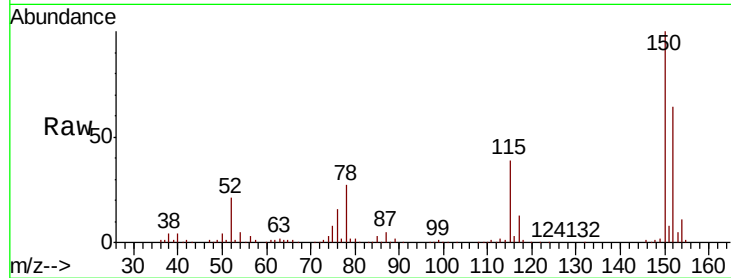


#1

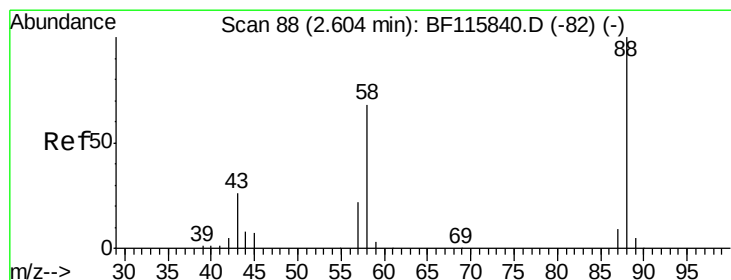
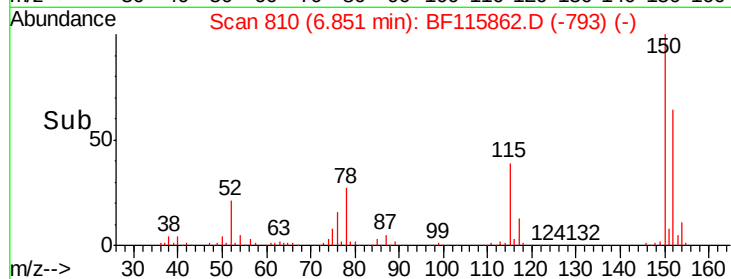
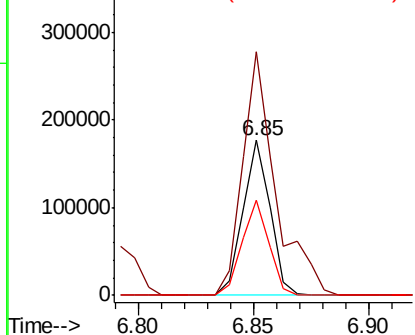
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF115862.D
Acq: 31 Jul 2019 13:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 144672
Ion Ratio Lower Upper
152 100
150 156.9 127.4 191.0
115 61.7 51.8 77.8



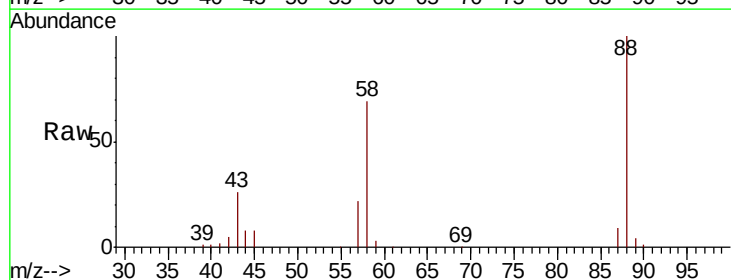
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



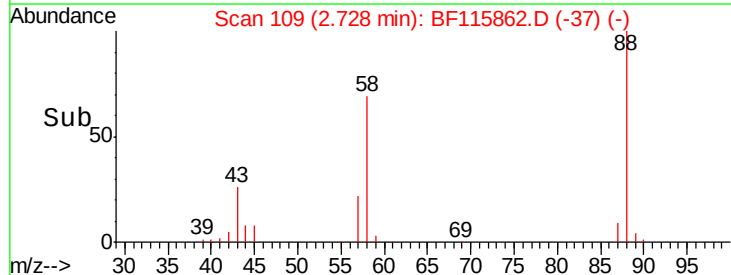
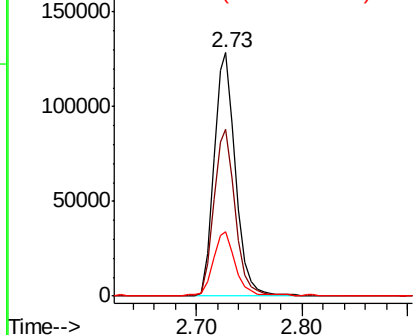
#2

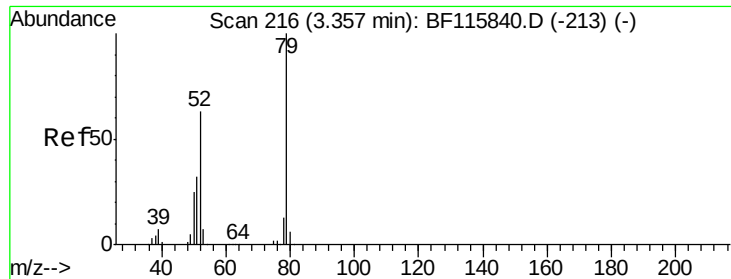
1,4-Dioxane
Concen: 41.987 ng
RT: 2.73 min Scan# 109
Delta R.T. 0.12 min
Lab File: BF115862.D
Acq: 31 Jul 2019 13:32

Tgt Ion: 88 Resp: 183307
Ion Ratio Lower Upper
88 100
58 68.9 54.1 81.1
43 26.3 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

Pvridine

Concen: 38.954 ng

RT: 3.46 min Scan# 233

Delta R.T. 0.10 min

Lab File: BF115862.D

Acq: 31 Jul 2019 13:32

Instrument :

BNA_F

ClientSampled :

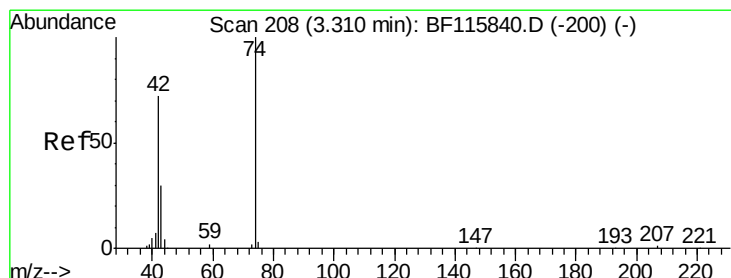
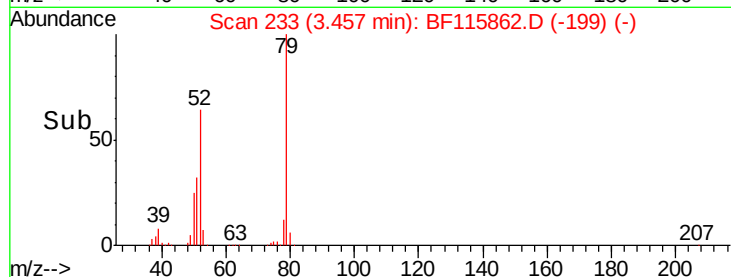
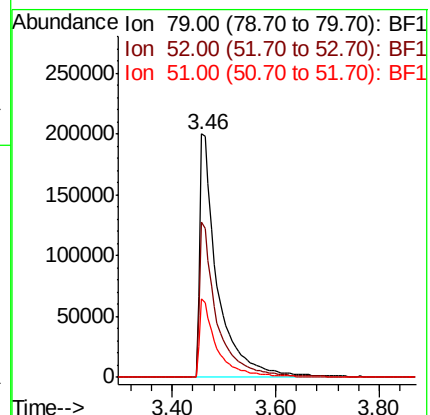
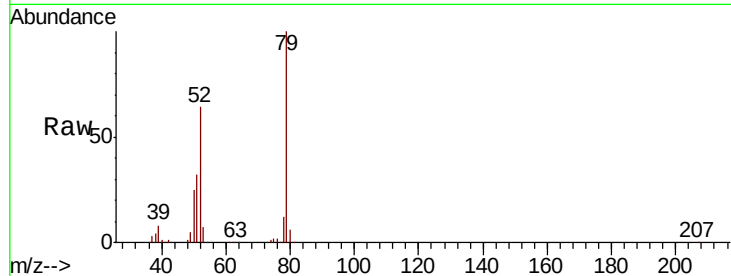
Tot Ion: 79 Resp: 475070

Ion Ratio Lower Upper

79 100

52 63.5 50.2 75.4

51 32.4 25.8 38.6



#4

n-Nitrosodimethylamine

Concen: 43.808 ng

RT: 3.42 min Scan# 226

Delta R.T. 0.11 min

Lab File: BF115862.D

Acq: 31 Jul 2019 13:32

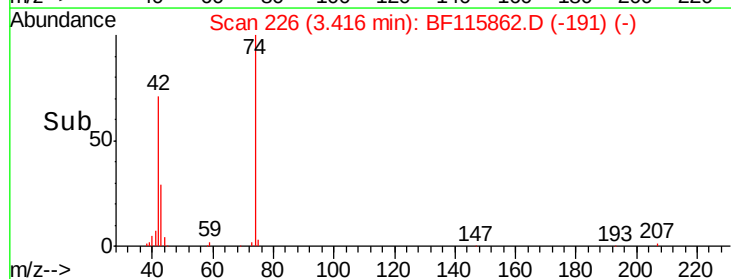
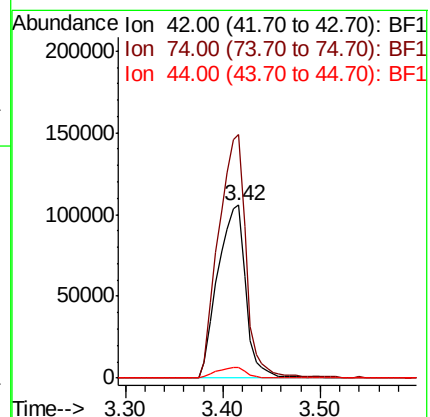
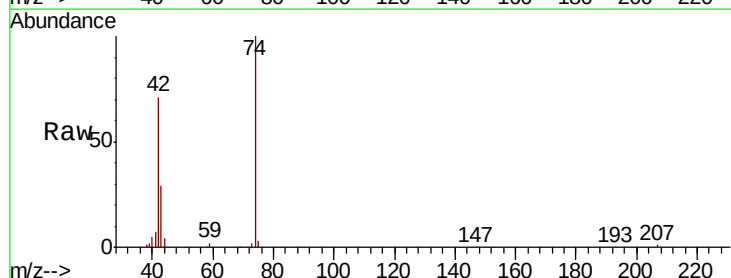
Tgt Ion: 42 Resp: 210839

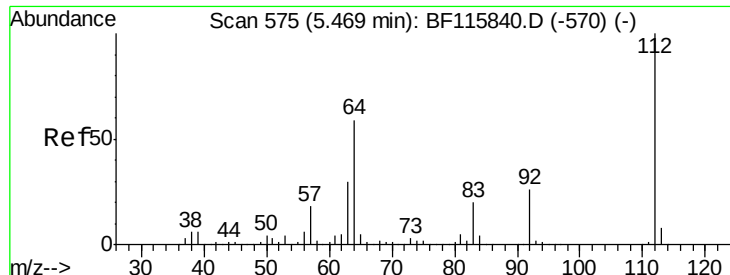
Ion Ratio Lower Upper

42 100

74 141.0 111.0 166.4

44 5.9 4.7 7.1





#5

2-Fluorophenol

Concen: 114.551 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.02 min

Lab File: BF115862.D

Acq: 31 Jul 2019 13:32

Instrument :

BNA_F

ClientSampleId :

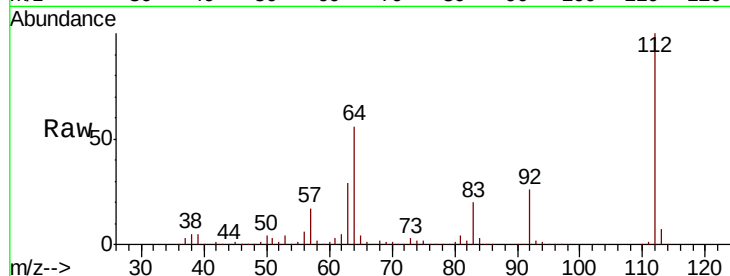
Tot Ion:112 Resp: 989947

Ion Ratio Lower Upper

112 100

64 55.7 46.8 70.2

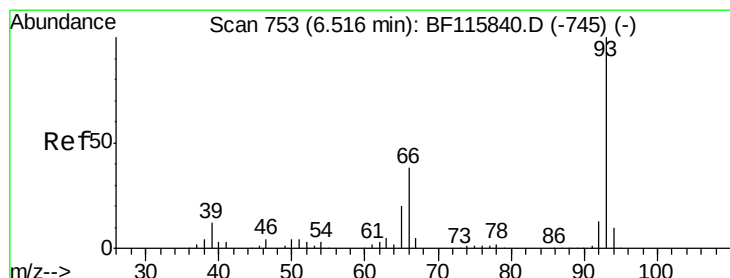
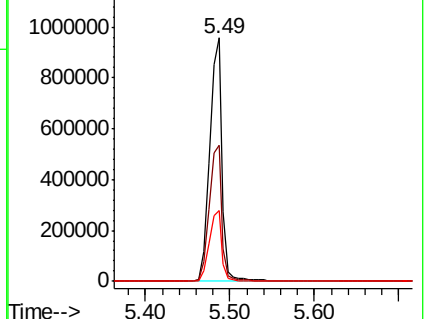
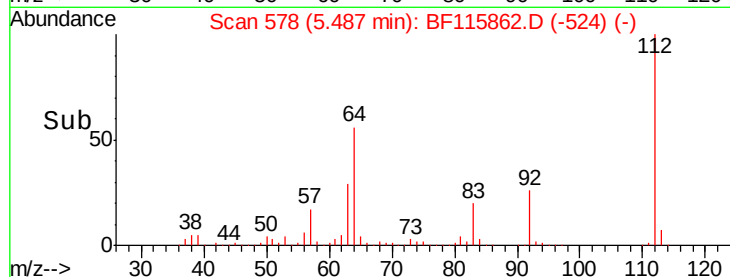
63 29.2 24.2 36.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 33.225 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF115862.D

Acq: 31 Jul 2019 13:32

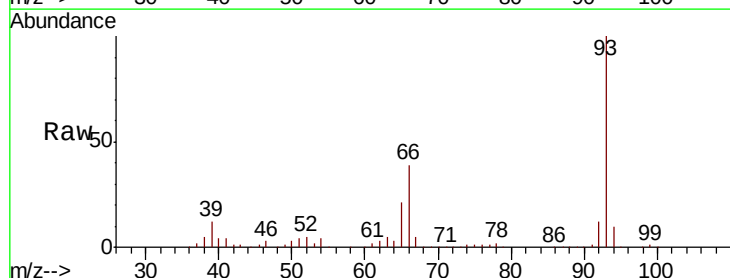
Tgt Ion: 93 Resp: 518808

Ion Ratio Lower Upper

93 100

66 38.9 31.4 47.0

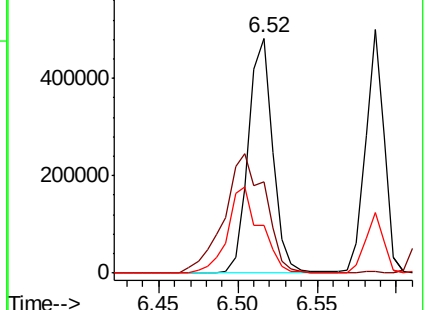
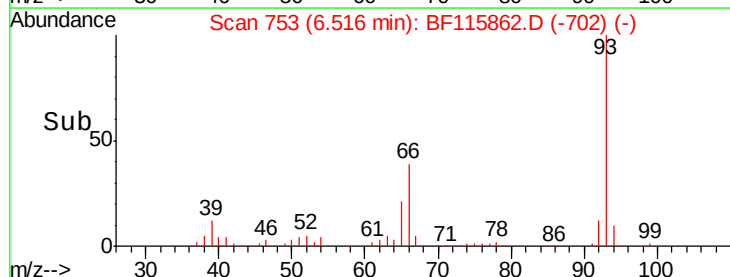
65 20.6 16.5 24.7

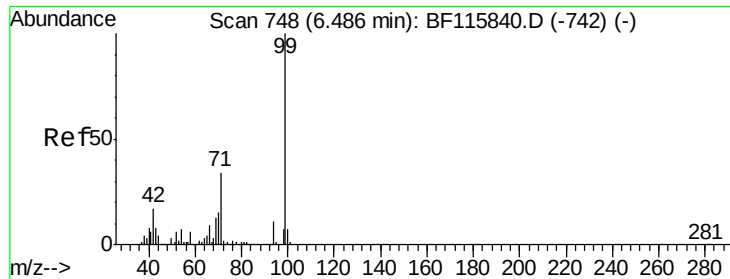


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 115.091 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF115862.D

Acq: 31 Jul 2019 13:32

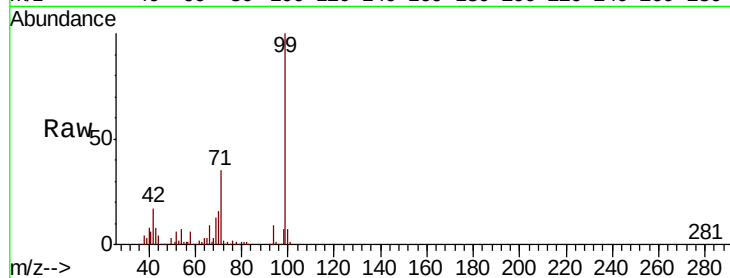
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1254884

Ion	Ratio	Lower	Upper
99	100		
42	17.5	13.8	20.6
71	34.9	27.1	40.7

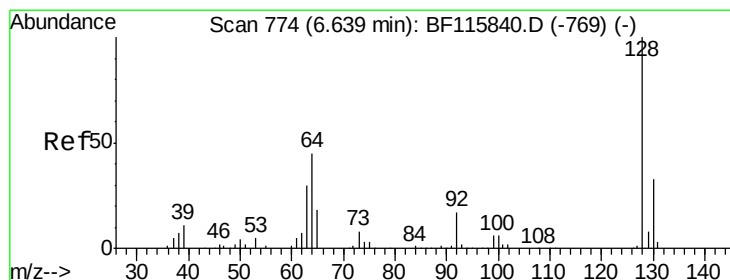
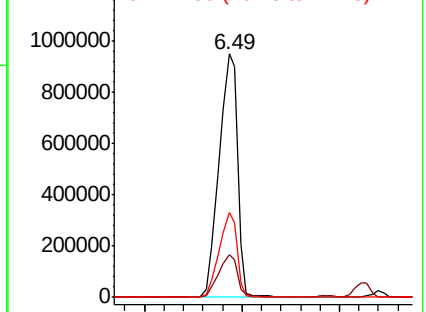
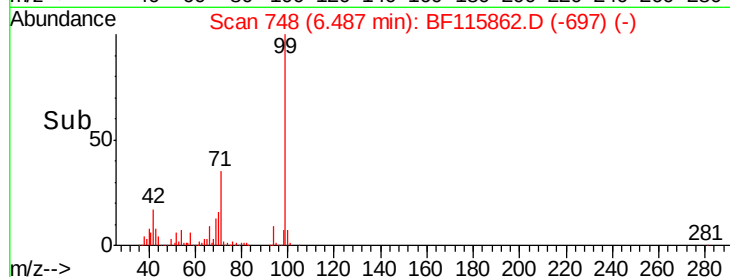


Abundance

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: 44.826 ng

RT: 6.64 min Scan# 774

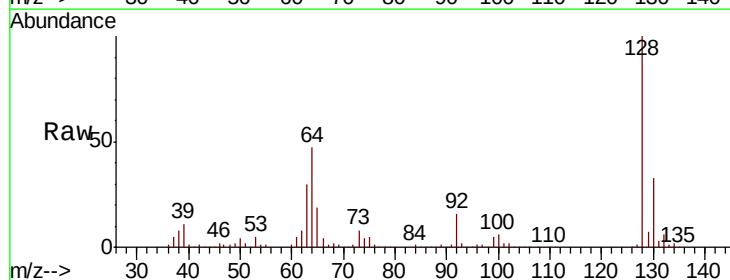
Delta R.T. 0.00 min

Lab File: BF115862.D

Acq: 31 Jul 2019 13:32

Tgt Ion: 128 Resp: 428366

Ion	Ratio	Lower	Upper
128	100		
130	33.0	12.9	52.9
64	47.3	26.1	66.1

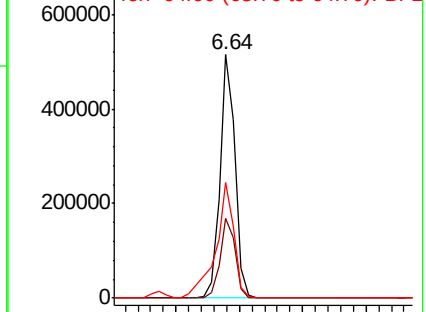
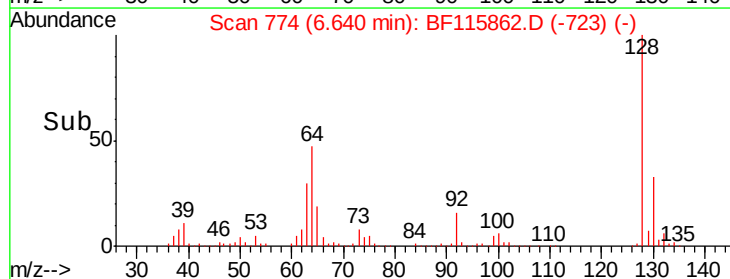


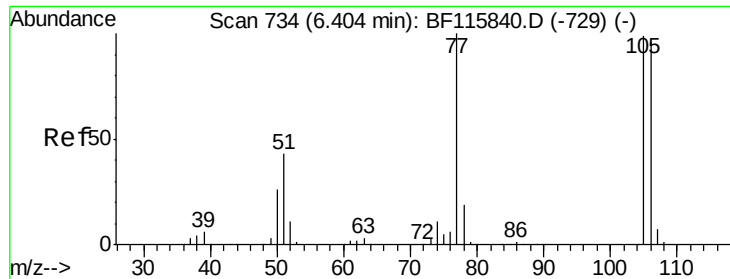
Abundance

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: 33.279 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF115862.D

Acq: 31 Jul 2019 13:32

Instrument :

BNA_F

ClientSampleId :

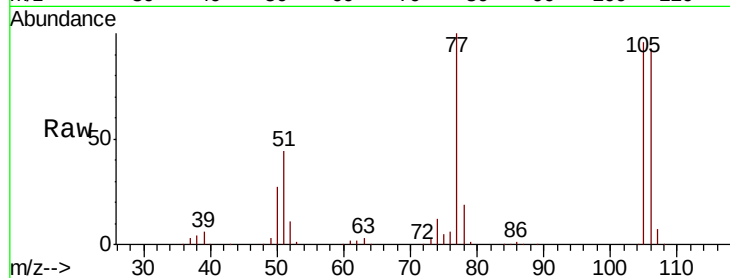
Tot Ion: 77 Resp: 250364

Ion Ratio Lower Upper

77 100

105 96.1 79.0 119.0

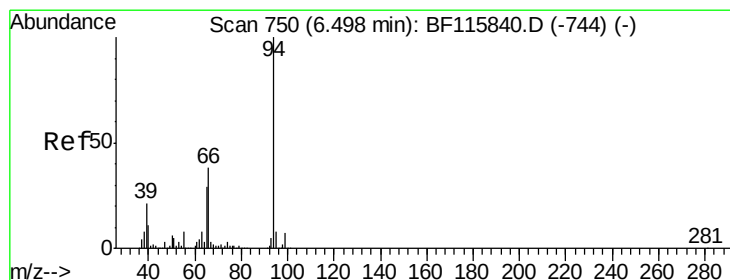
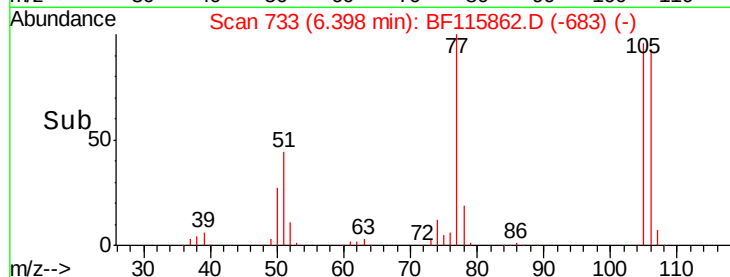
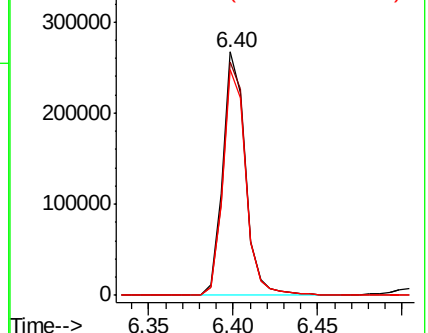
106 92.7 76.2 116.2



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 43.378 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF115862.D

Acq: 31 Jul 2019 13:32

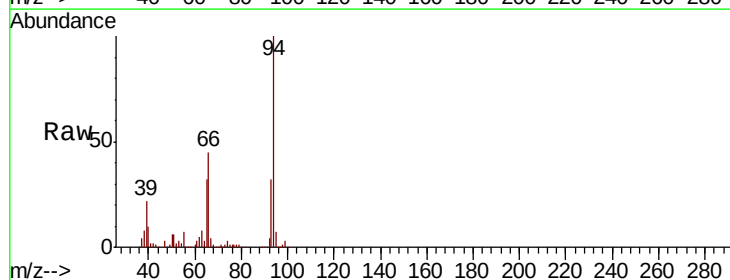
Tgt Ion: 94 Resp: 556961

Ion Ratio Lower Upper

94 100

65 32.4 8.9 48.9

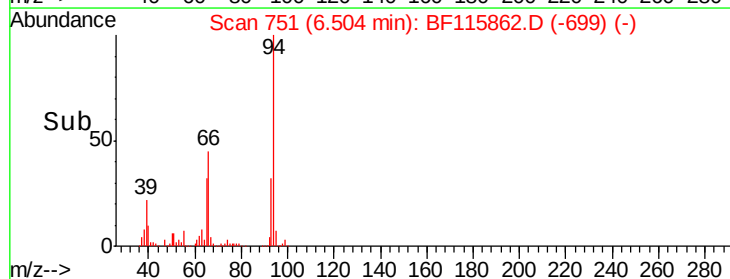
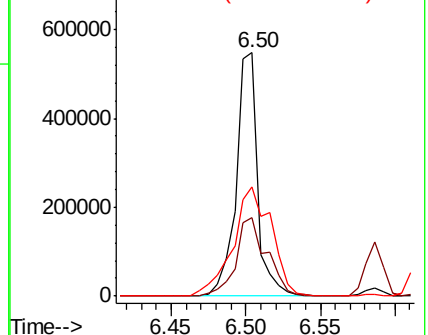
66 44.9 18.0 58.0

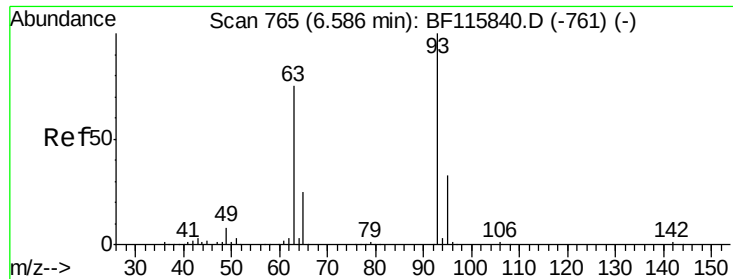


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

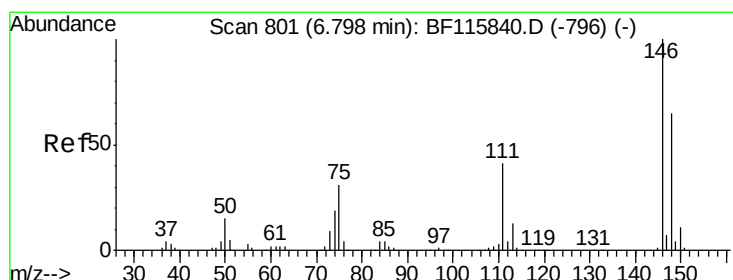
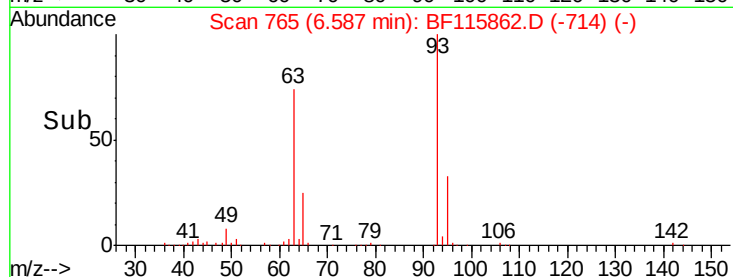
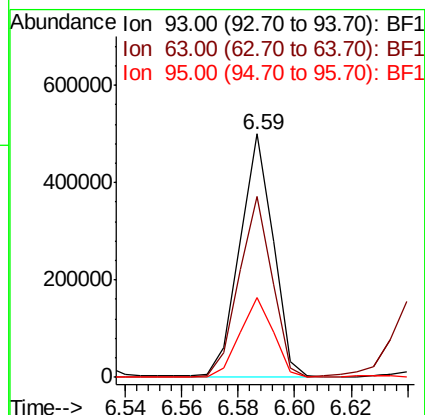
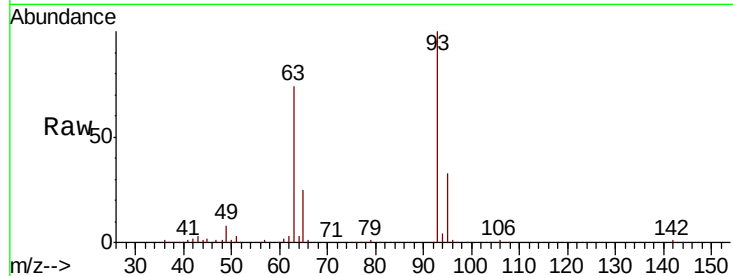




#11
bis(2-Chloroethyl)ether
Concen: 43.233 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF115862.D
Acq: 31 Jul 2019 13:32

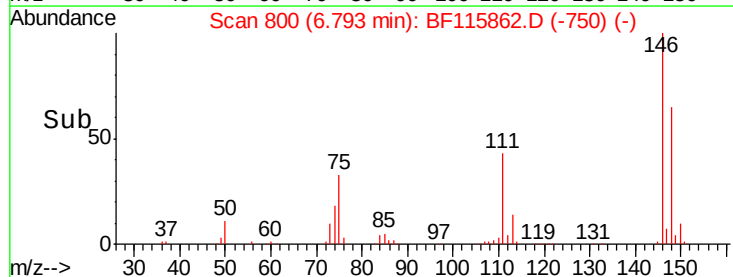
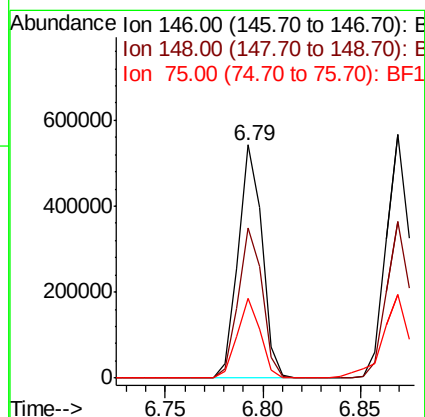
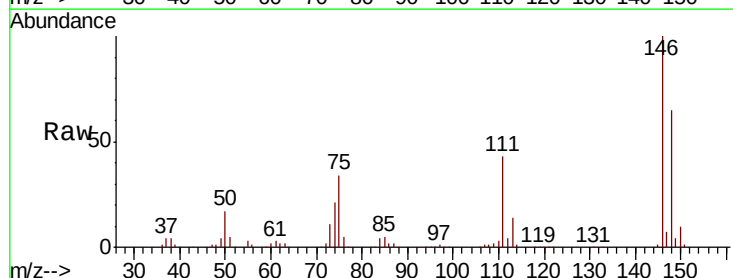
Instrument :
BNA_F
ClientSampleId :

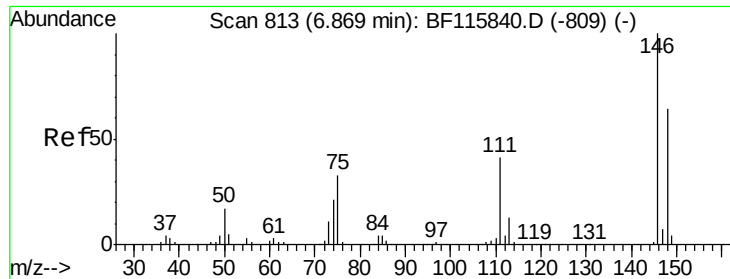
Tot Ion	93	Resp	408115
Ion Ratio	100	Lower	Upper
63	74.1	54.9	94.9
95	32.9	13.3	53.3



#12
1,3-Dichlorobenzene
Concen: 42.035 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF115862.D
Acq: 31 Jul 2019 13:32

Tgt Ion	146	Resp	464236
Ion Ratio	100	Lower	Upper
148	64.7	52.1	78.1
75	34.1	25.0	37.6

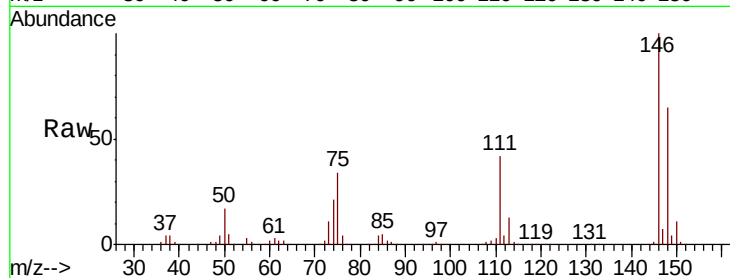




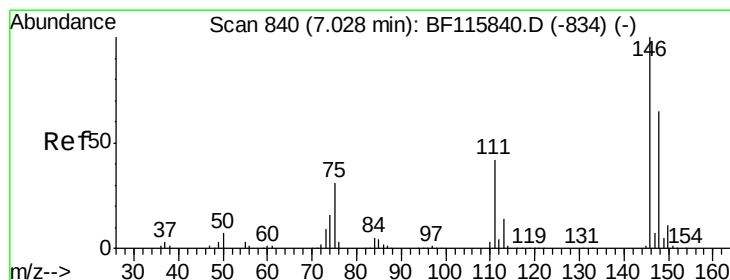
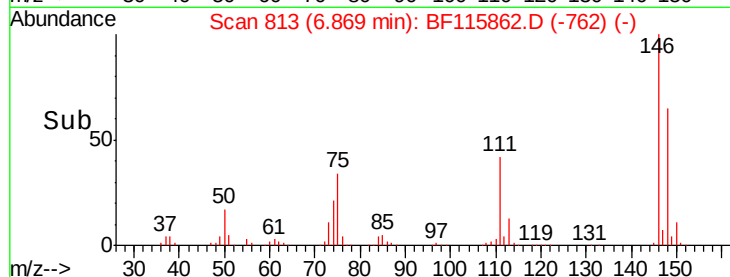
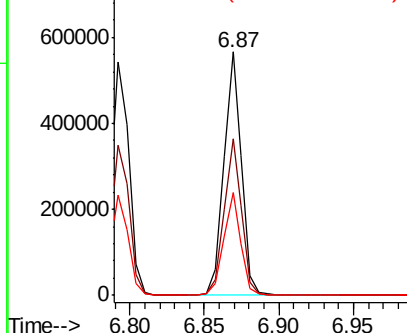
#13
 1,4-Dichlorobenzene
 Concen: 42.655 ng
 RT: 6.87 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF115862.D
 Acq: 31 Jul 2019 13:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.2	76.8
111	42.1	33.2	49.8

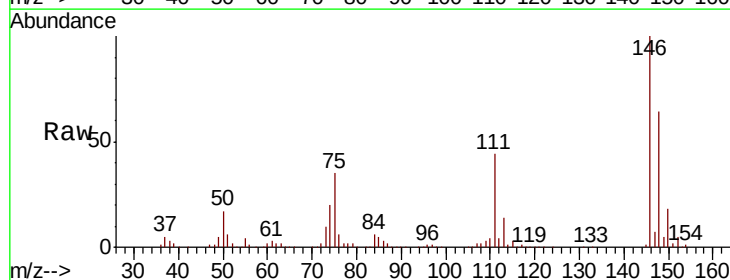


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

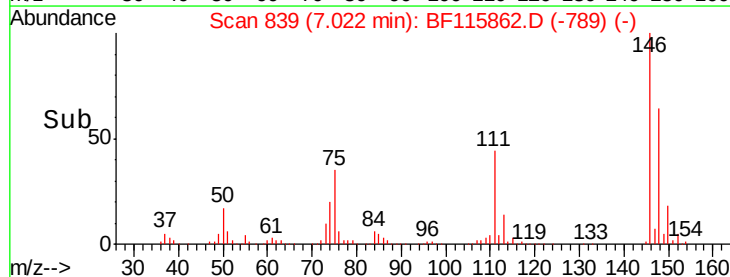
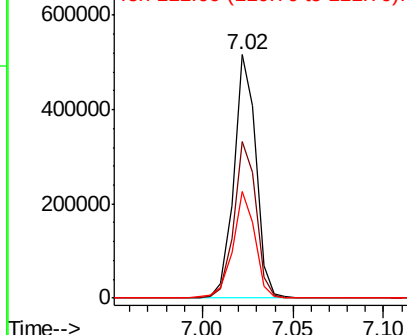


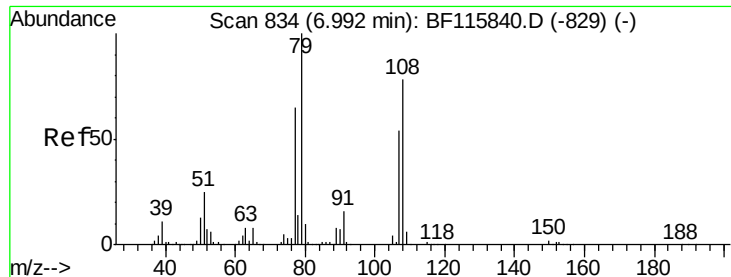
#14
 1,2-Dichlorobenzene
 Concen: 42.831 ng
 RT: 7.02 min Scan# 839
 Delta R.T. -0.01 min
 Lab File: BF115862.D
 Acq: 31 Jul 2019 13:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	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: 44.592 ng

RT: 6.99 min Scan# 834

Delta R.T. 0.00 min

Lab File: BF115862.D

Acq: 31 Jul 2019 13:32

Instrument :

BNA_F

ClientSampleId :

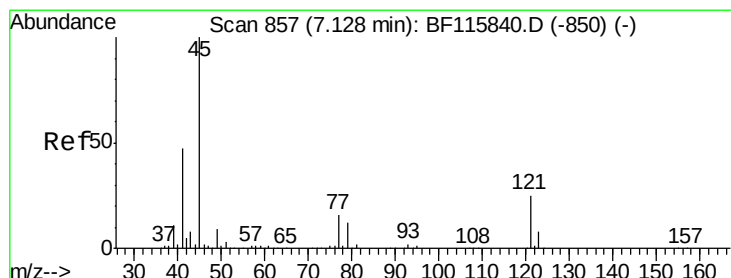
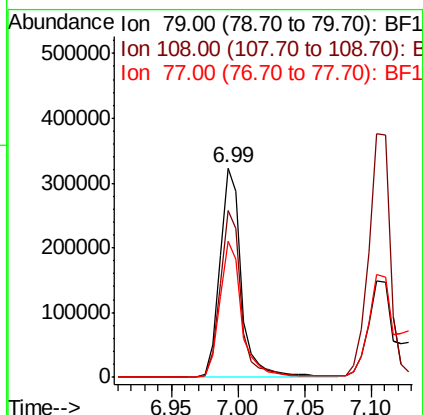
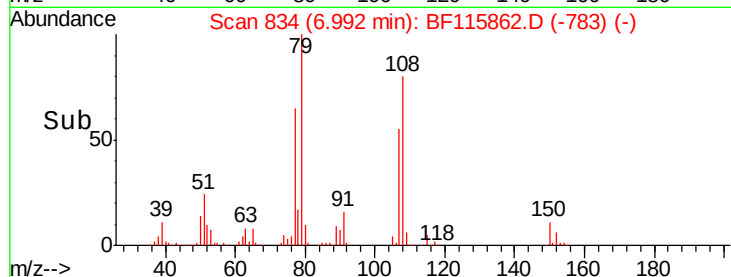
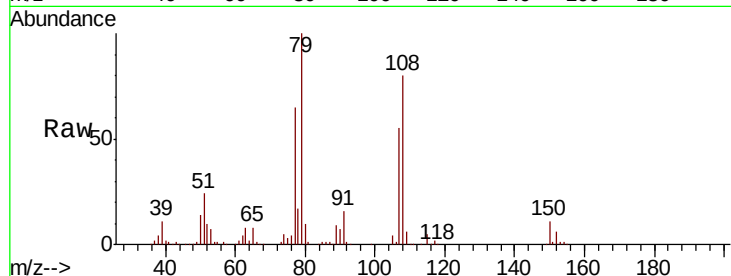
Tot Ion: 79 Resp: 368976

Ion Ratio Lower Upper

79 100

108 79.5 62.8 94.2

77 65.3 52.0 78.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.901 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF115862.D

Acq: 31 Jul 2019 13:32

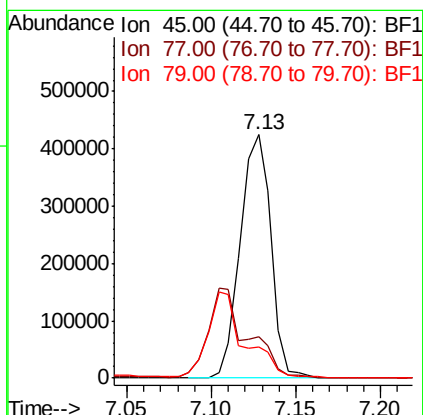
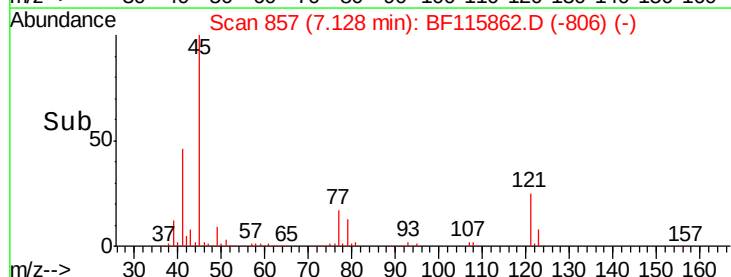
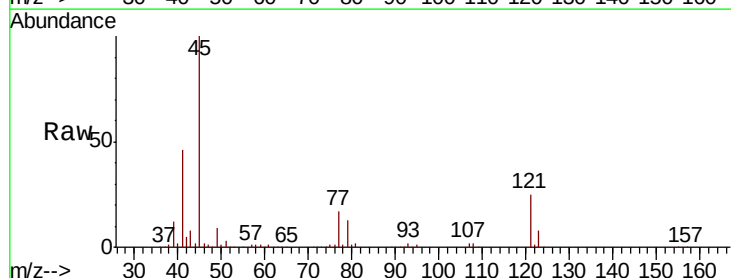
Tgt Ion: 45 Resp: 539528

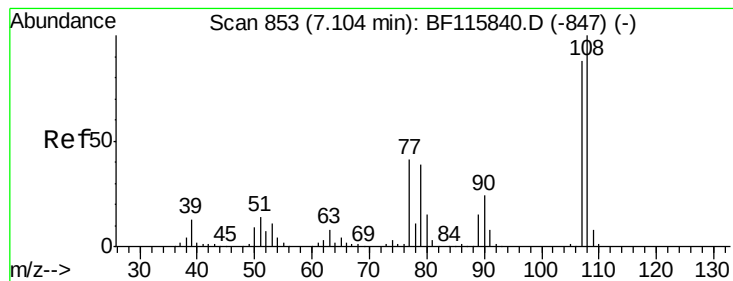
Ion Ratio Lower Upper

45 100

77 16.9 0.0 36.3

79 12.8 0.0 32.5

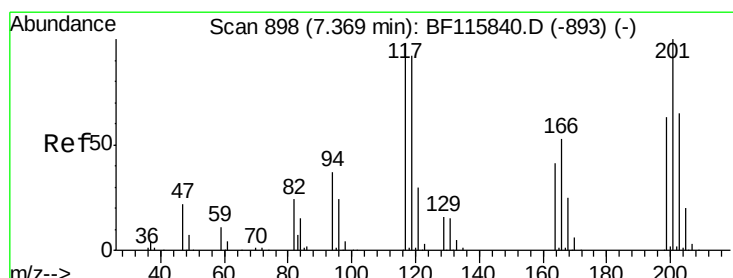
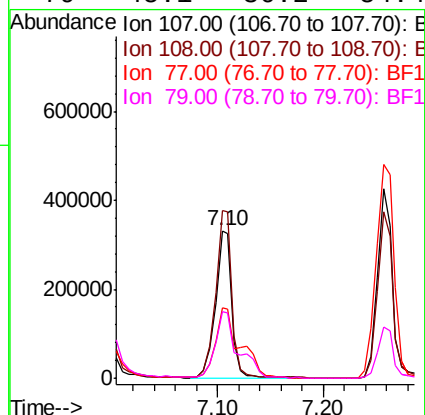
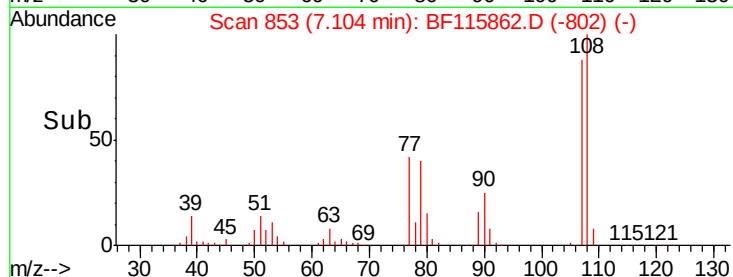
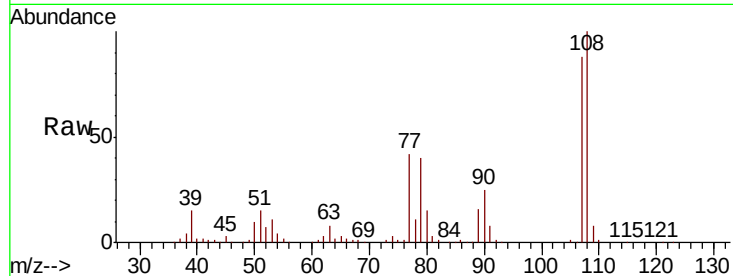




#17
2-Methylphenol
Concen: 45.087 ng
RT: 7.10 min Scan# 853
Delta R.T. 0.00 min
Lab File: BF115862.D
Acq: 31 Jul 2019 13:32

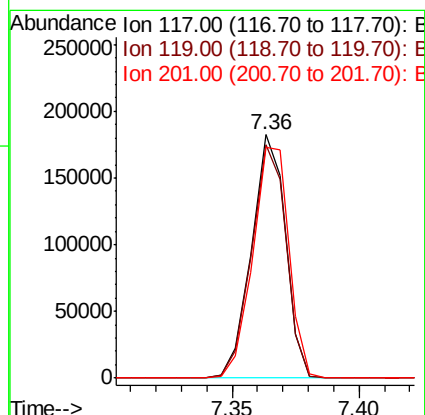
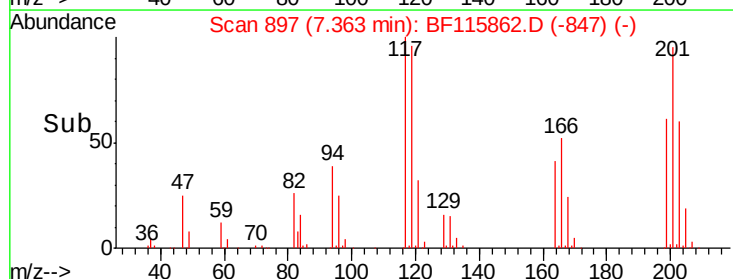
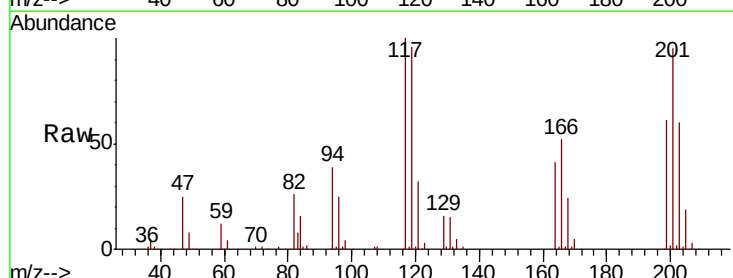
Instrument :
BNA_F
ClientSampleId :

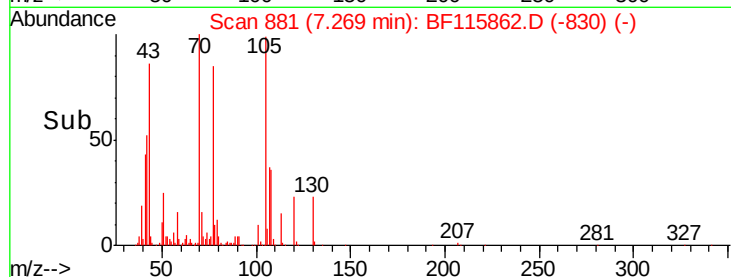
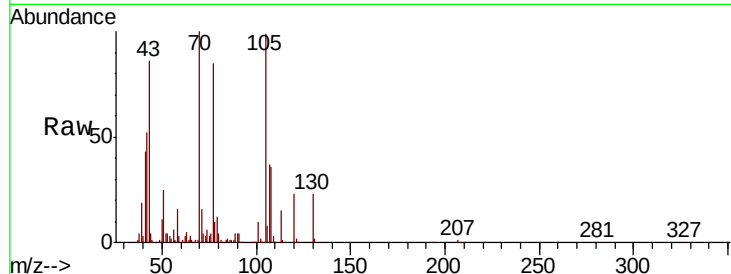
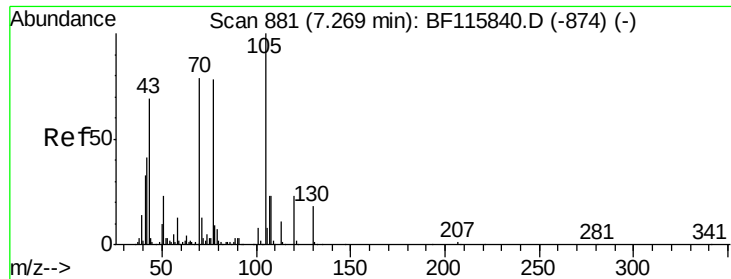
Tot Ion:107 Resp: 364833
Ion Ratio Lower Upper
107 100
108 113.6 91.4 137.0
77 47.7 37.6 56.4
79 45.1 36.2 54.4



#18
Hexachloroethane
Concen: 42.025 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF115862.D
Acq: 31 Jul 2019 13:32

Tgt Ion:117 Resp: 171099
Ion Ratio Lower Upper
117 100
119 95.8 75.8 113.6
201 94.6 82.0 123.0

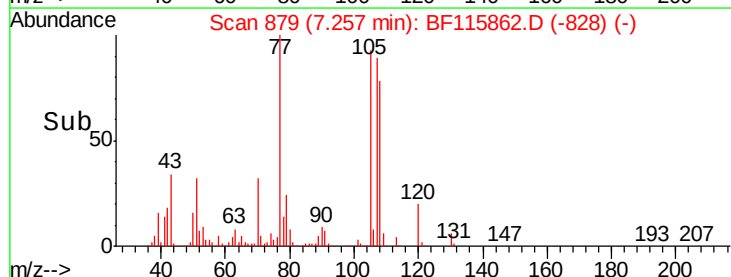
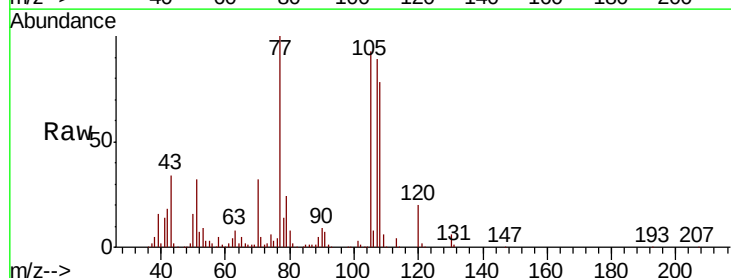
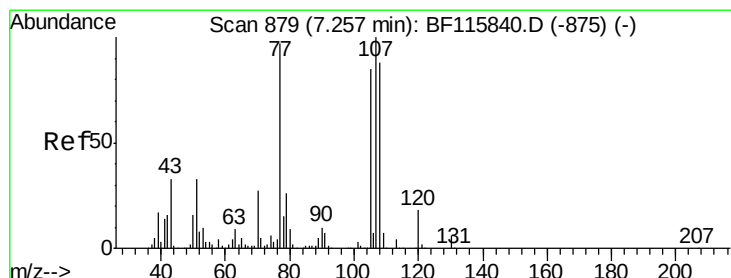
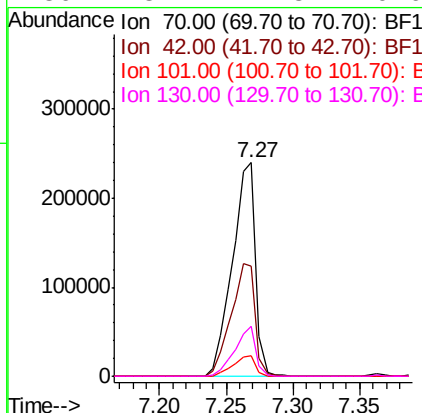




#19
n-Nitroso-di-n-propylamine
Concen: 43.342 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF115862.D
Acq: 31 Jul 2019 13:32

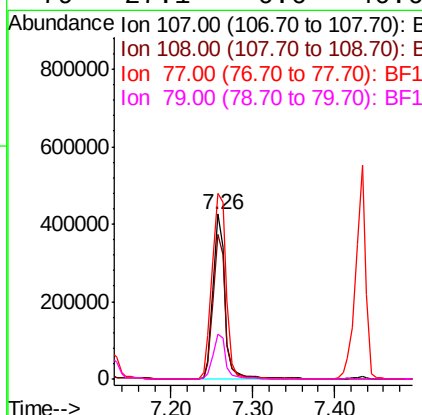
Instrument :
BNA_F
ClientSampleId :

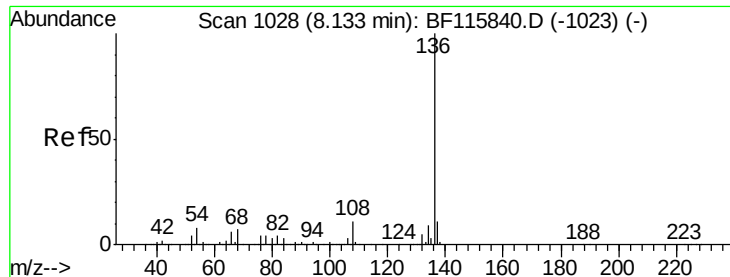
Tot Ion: 70 Resp: 292846
Ion Ratio Lower Upper
70 100
42 51.8 41.8 62.8
101 9.8 7.7 11.5
130 23.1 17.8 26.6



#20
3+4-Methylphenols
Concen: 44.896 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: BF115862.D
Acq: 31 Jul 2019 13:32

Tgt Ion:107 Resp: 429909
Ion Ratio Lower Upper
107 100
108 88.0 67.9 107.9
77 112.9 77.3 117.3
79 27.1 6.6 46.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF115862.D

Acq: 31 Jul 2019 13:32

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 579077

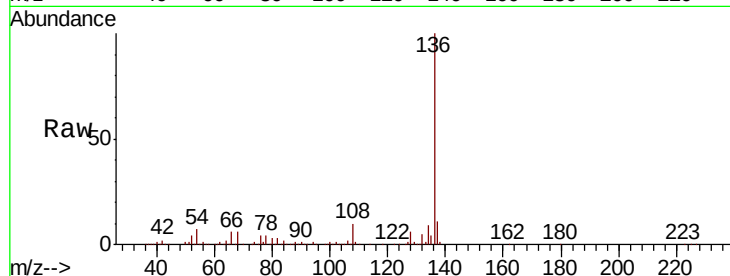
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 7.3 6.1 9.1

68 6.0 5.4 8.2

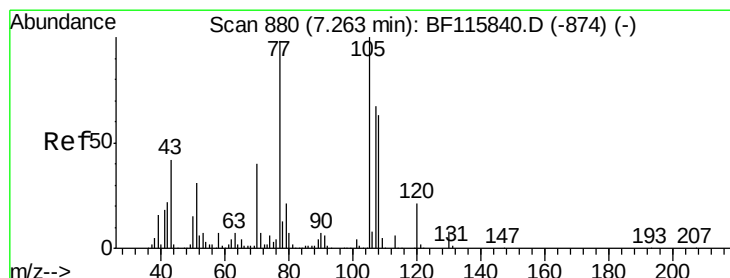
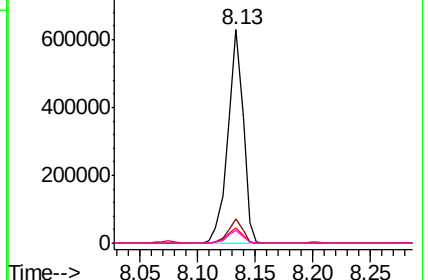
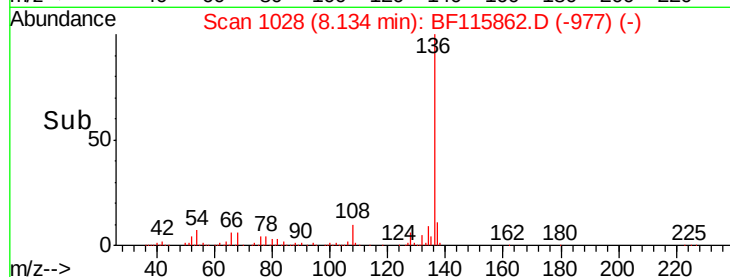


Abundance Ion 136.00 (135.70 to 136.70): E

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: 45.341 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.00 min

Lab File: BF115862.D

Acq: 31 Jul 2019 13:32

Tgt Ion:105 Resp: 575828

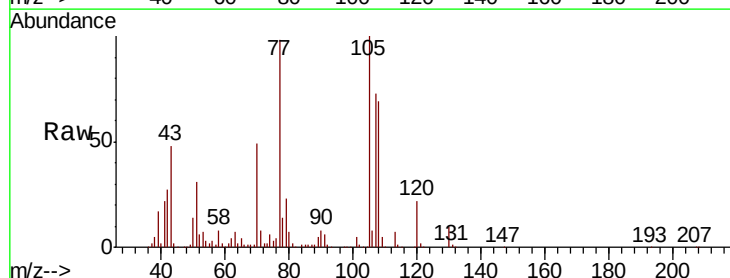
Ion Ratio Lower Upper

105 100

71 8.4 5.4 8.0#

51 30.5 24.6 36.8

120 21.9 17.0 25.6

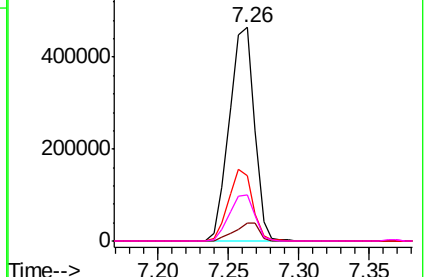
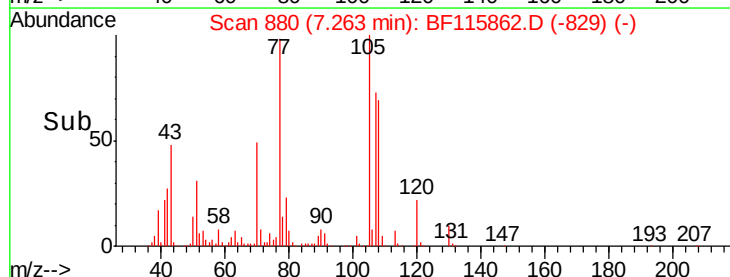


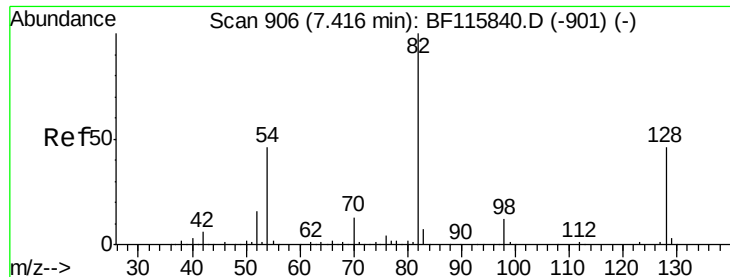
Abundance Ion 105.00 (104.70 to 105.70): E

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

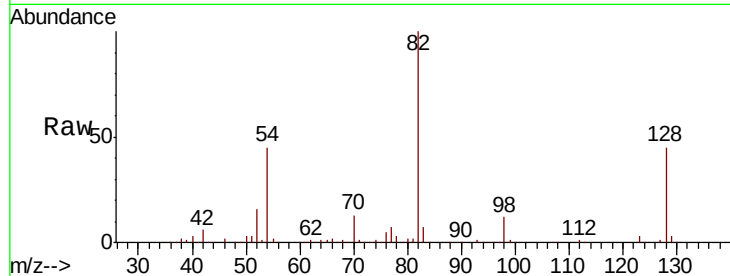




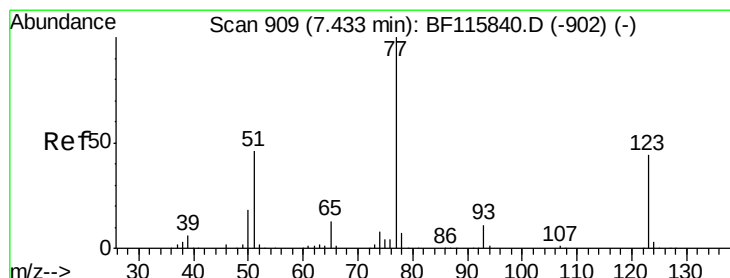
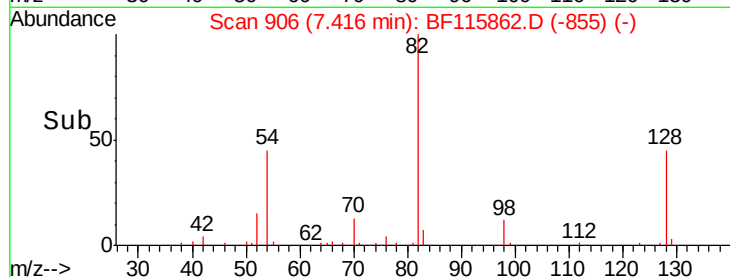
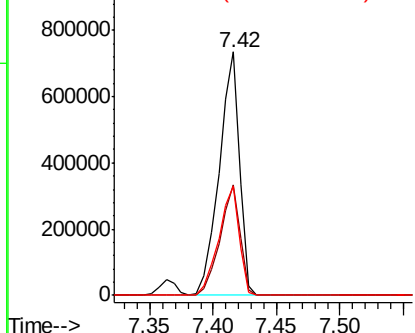
#23
 Nitrobenzene-d5
 Concen: 81.728 ng
 RT: 7.42 min Scan# 906
 Delta R.T. 0.00 min
 Lab File: BF115862.D
 Acq: 31 Jul 2019 13:32

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 819892
 Ion Ratio Lower Upper
 82 100
 128 45.4 36.6 55.0
 54 44.9 36.6 55.0

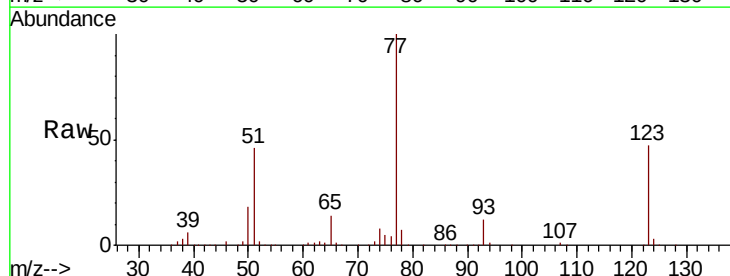


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

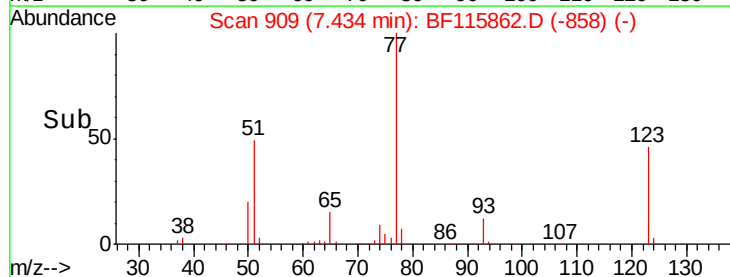
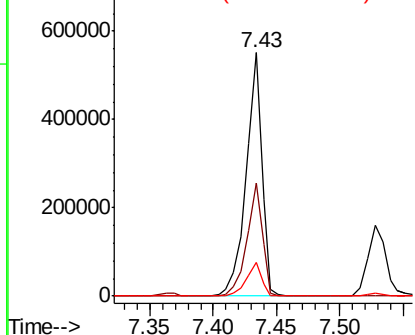


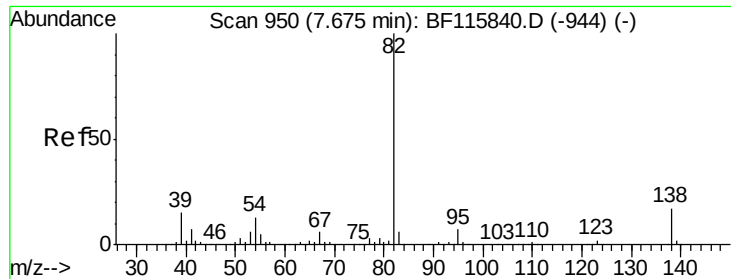
#24
 Nitrobenzene
 Concen: 43.710 ng
 RT: 7.43 min Scan# 909
 Delta R.T. 0.00 min
 Lab File: BF115862.D
 Acq: 31 Jul 2019 13:32

Tgt Ion: 77 Resp: 473478
 Ion Ratio Lower Upper
 77 100
 123 46.7 35.5 53.3
 65 13.7 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: 44.027 ng

RT: 7.67 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF115862.D

Acq: 31 Jul 2019 13:32

Instrument :

BNA_F

ClientSampleId :

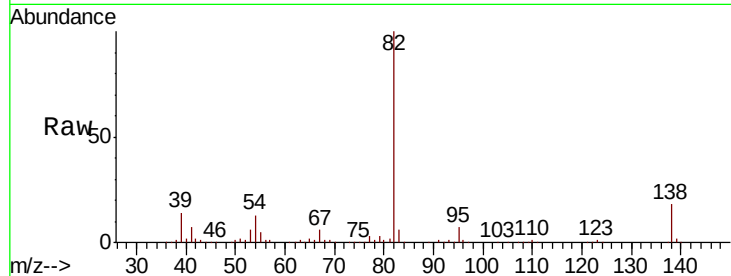
Tot Ion: 82 Resp: 844555

Ion Ratio Lower Upper

82 100

95 6.7 5.5 8.3

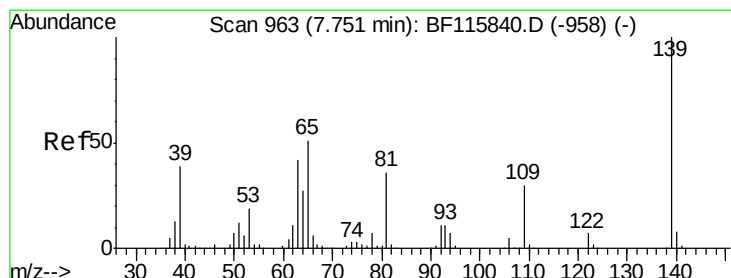
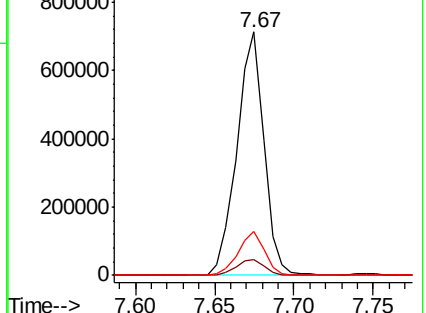
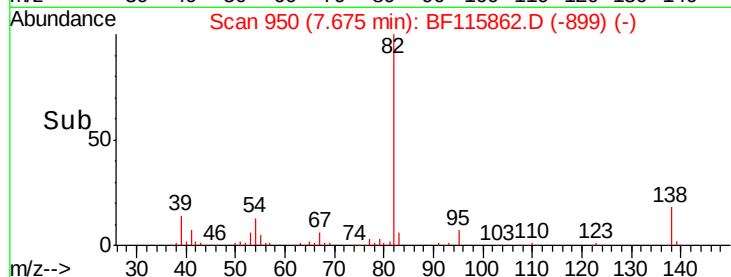
138 18.1 13.9 20.9



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: 45.934 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.00 min

Lab File: BF115862.D

Acq: 31 Jul 2019 13:32

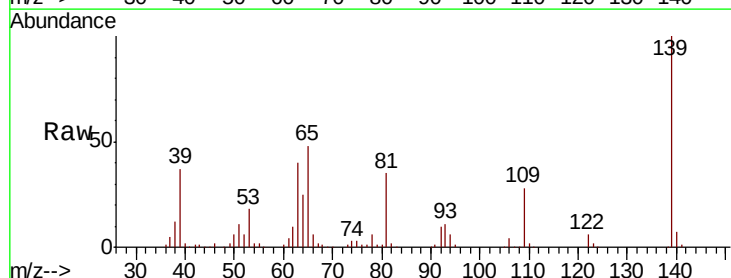
Tgt Ion: 139 Resp: 234543

Ion Ratio Lower Upper

139 100

109 28.5 23.6 35.4

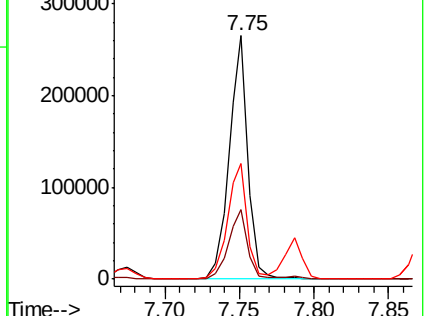
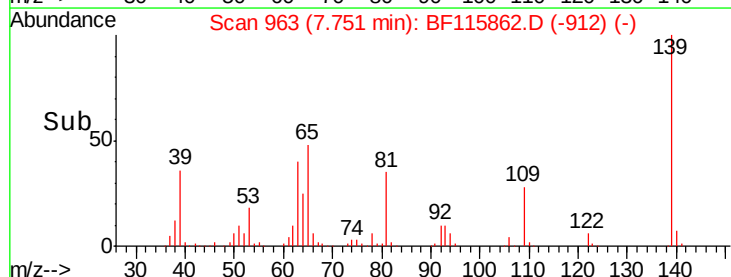
65 47.6 40.6 60.8

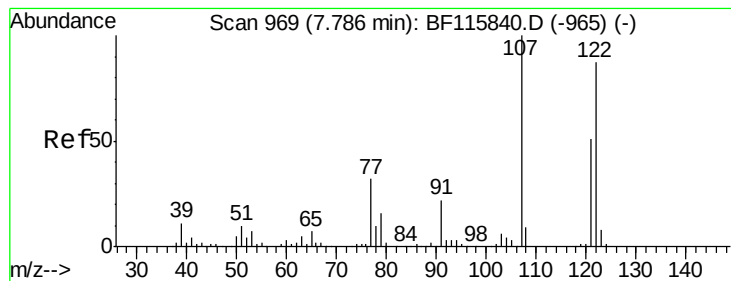


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 49.588 ng

RT: 7.79 min Scan# 969

Delta R.T. 0.00 min

Lab File: BF115862.D

Acq: 31 Jul 2019 13:32

Instrument :

BNA_F

ClientSampleId :

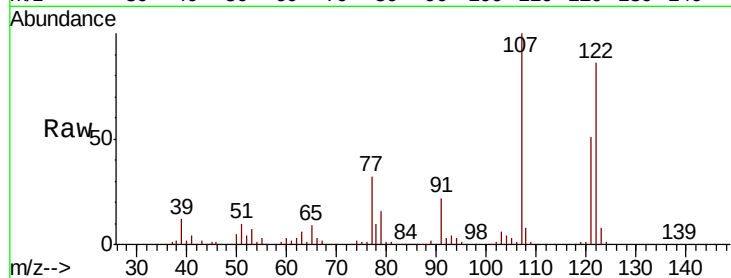
Tot Ion:122 Resp: 380942

Ion Ratio Lower Upper

122 100

107 115.7 91.7 137.5

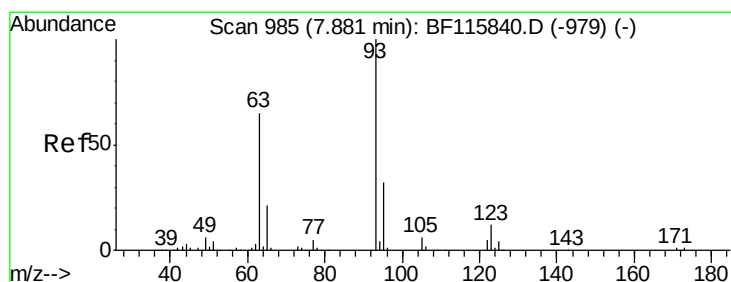
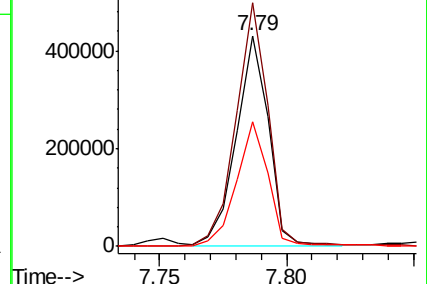
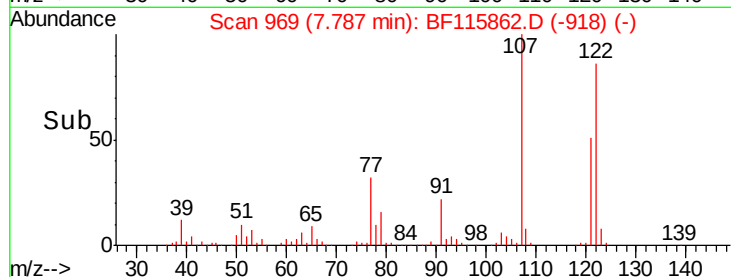
121 59.5 46.6 70.0



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: 42.674 ng

RT: 7.88 min Scan# 985

Delta R.T. 0.00 min

Lab File: BF115862.D

Acq: 31 Jul 2019 13:32

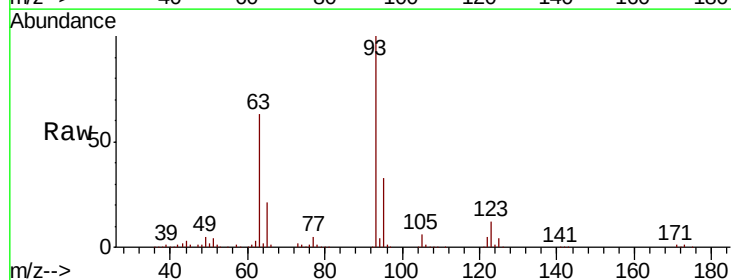
Tgt Ion: 93 Resp: 507378

Ion Ratio Lower Upper

93 100

95 33.3 26.0 39.0

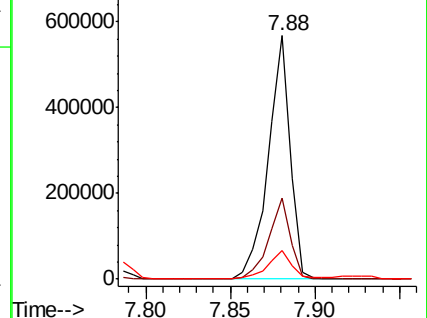
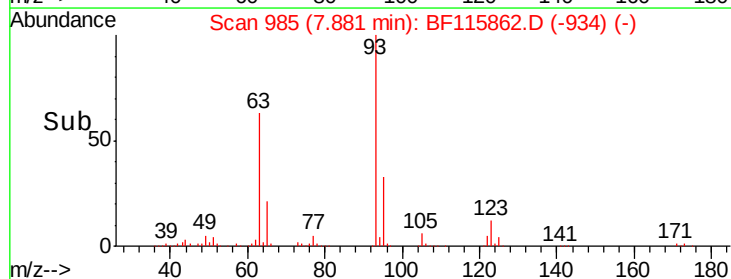
123 12.0 9.5 14.3

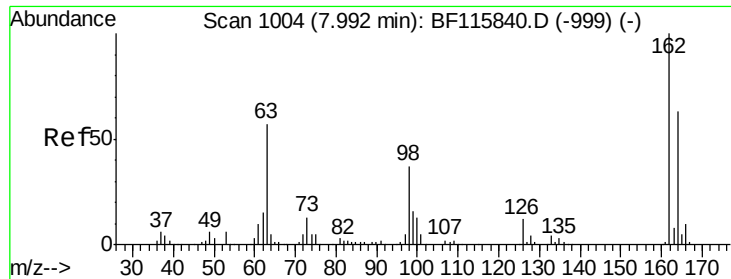


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

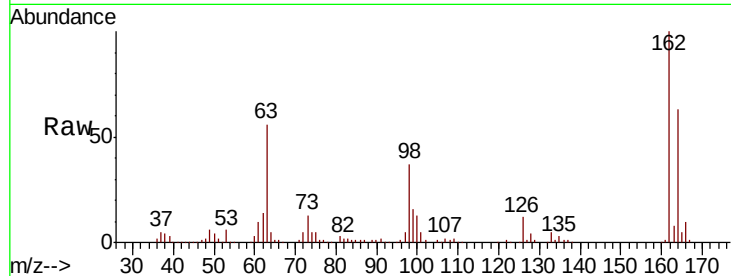




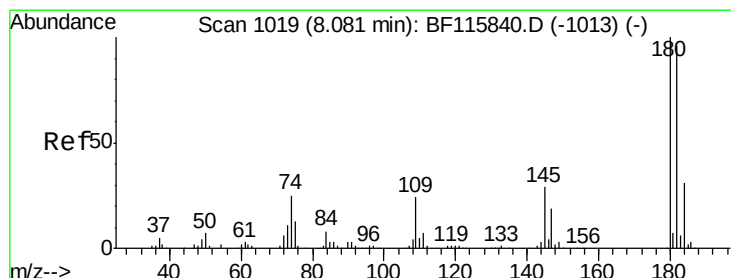
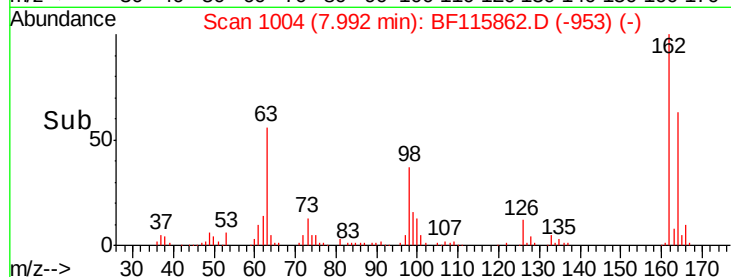
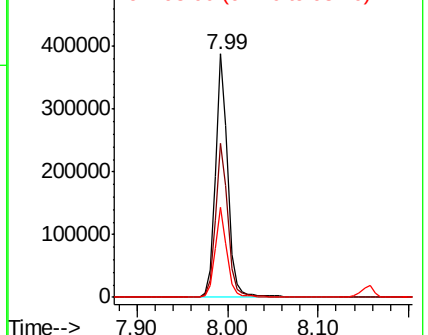
#29
2,4-Dichlorophenol
Concen: 44.946 ng
RT: 7.99 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BF115862.D
Acq: 31 Jul 2019 13:32

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.4	43.2	83.2
98	36.9	17.3	57.3

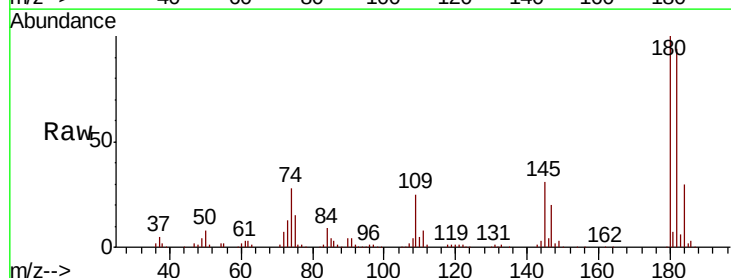


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

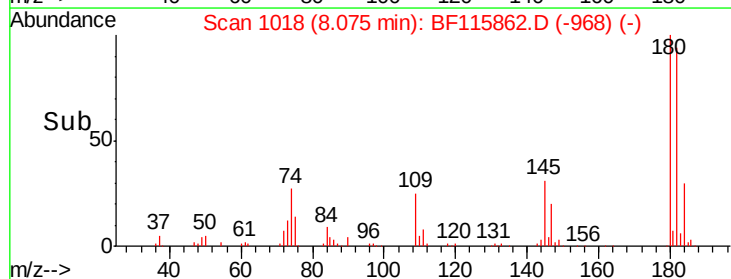
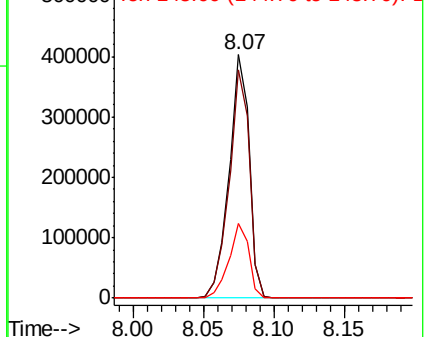


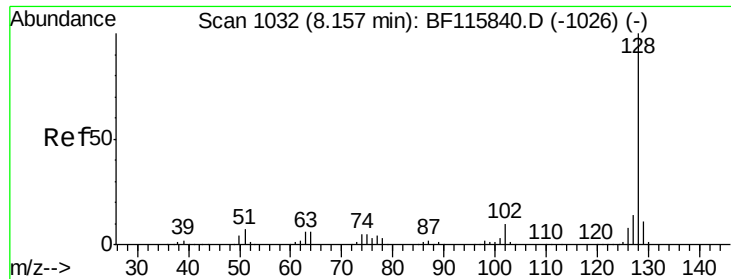
#30
1,2,4-Trichlorobenzene
Concen: 43.297 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF115862.D
Acq: 31 Jul 2019 13:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	76.6	114.8
145	30.5	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

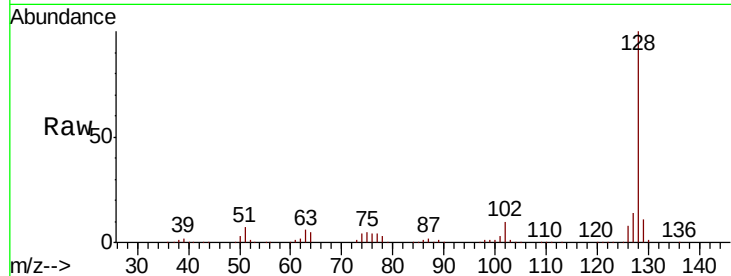




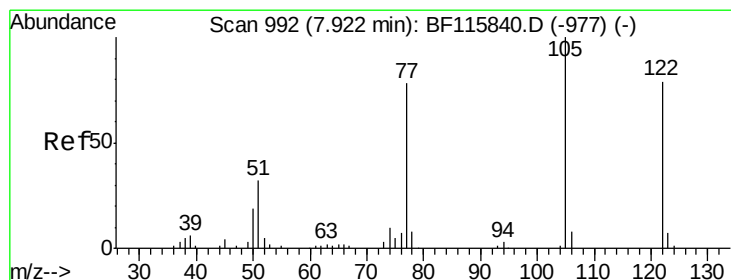
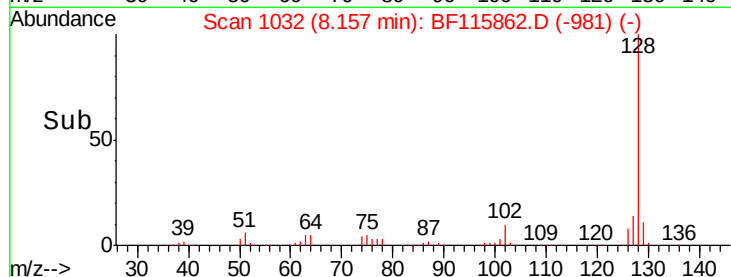
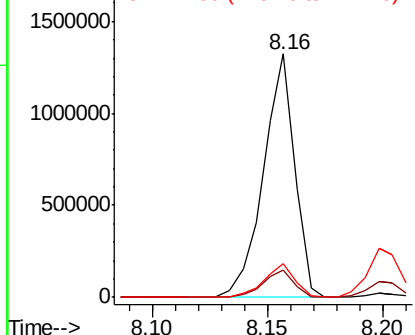
#31
Naphthalene
Concen: 45.669 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF115862.D
Acq: 31 Jul 2019 13:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1244475
Ion Ratio Lower Upper
128 100
129 11.4 9.2 13.8
127 13.7 11.0 16.4

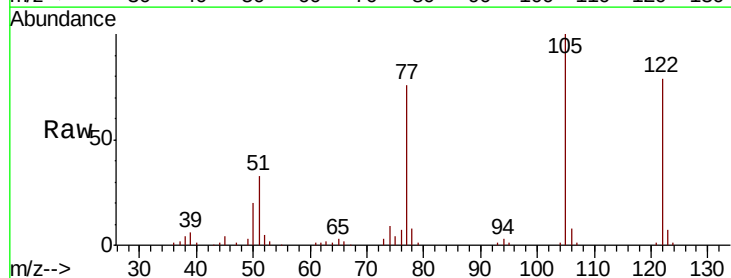


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

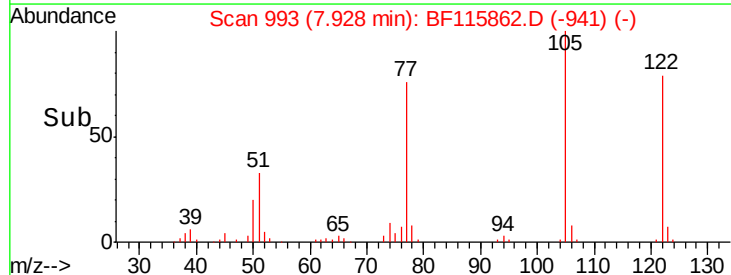
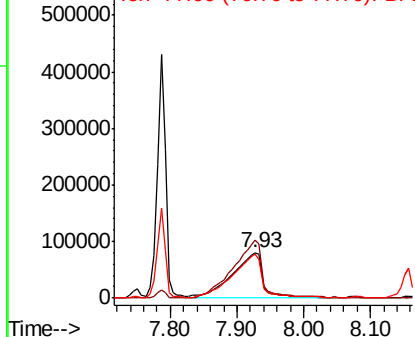


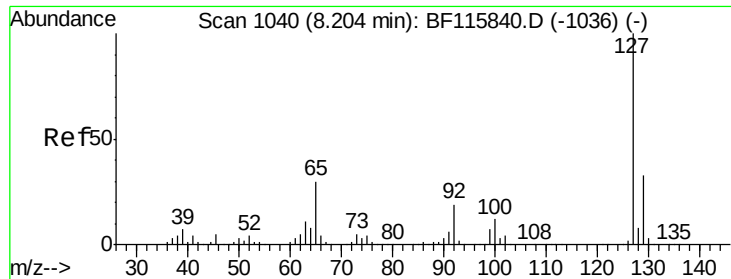
#32
Benzoic acid
Concen: 46.852 ng
RT: 7.93 min Scan# 993
Delta R.T. 0.01 min
Lab File: BF115862.D
Acq: 31 Jul 2019 13:32

Tgt Ion:122 Resp: 253752
Ion Ratio Lower Upper
122 100
105 126.8 103.1 143.1
77 96.6 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

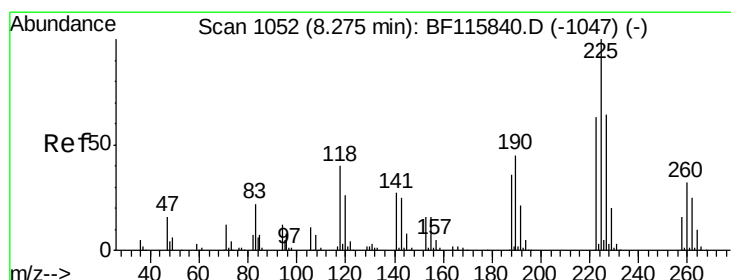
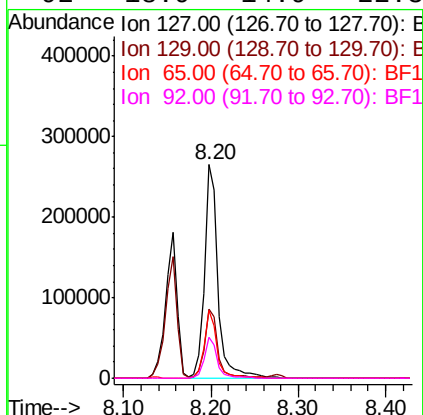
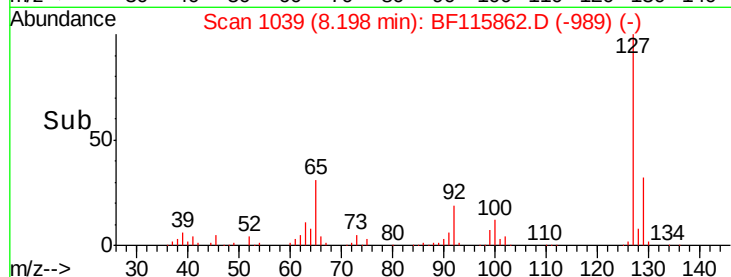
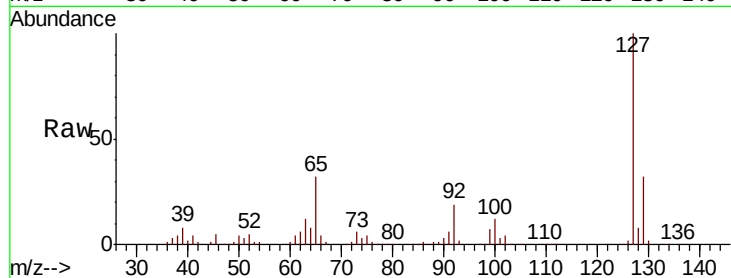




#33
4-Chloroaniline
Concen: 23.382 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF115862.D
Acq: 31 Jul 2019 13:32

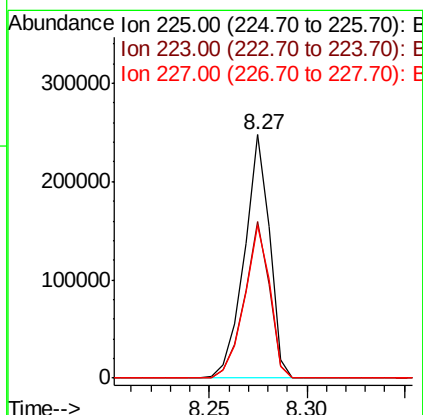
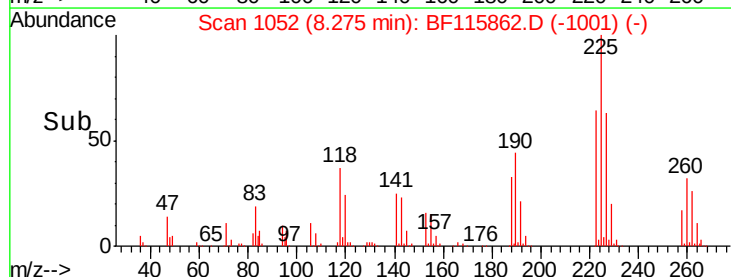
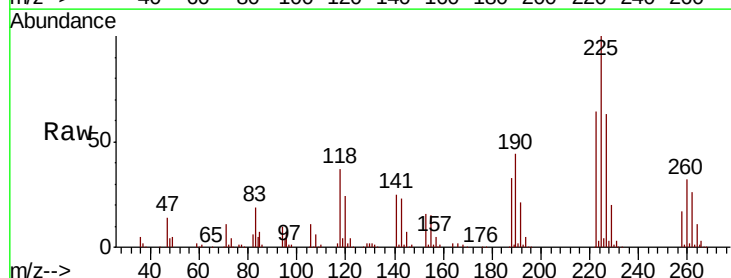
Instrument :
BNA_F
ClientSampleId :

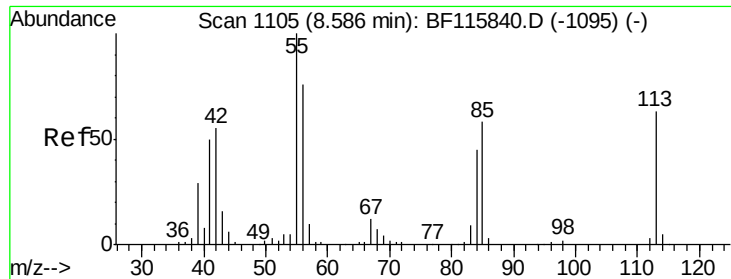
Tot Ion:127	Resp:	284683
Ion Ratio	Lower	Upper
127	100	
129	32.1	26.0 39.0
65	31.6	23.9 35.9
92	18.9	14.9 22.3



#34
Hexachlorobutadiene
Concen: 41.667 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF115862.D
Acq: 31 Jul 2019 13:32

Tgt Ion:225	Resp:	221903
Ion Ratio	Lower	Upper
225	100	
223	64.5	50.4 75.6
227	62.6	51.6 77.4

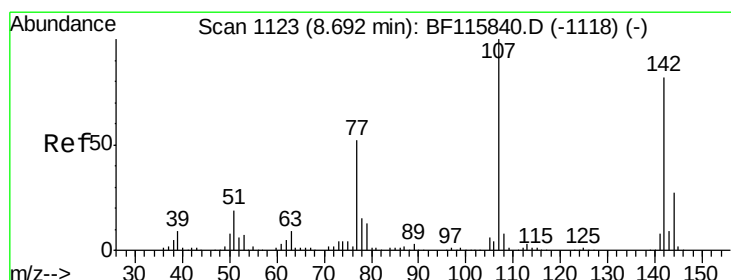
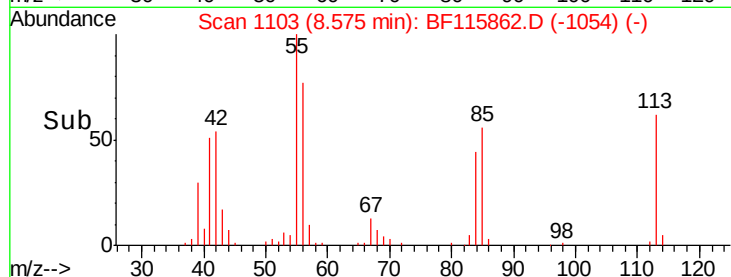
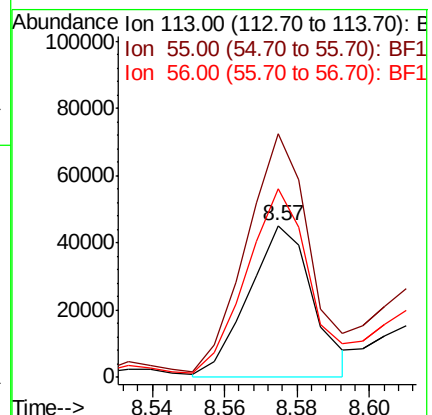
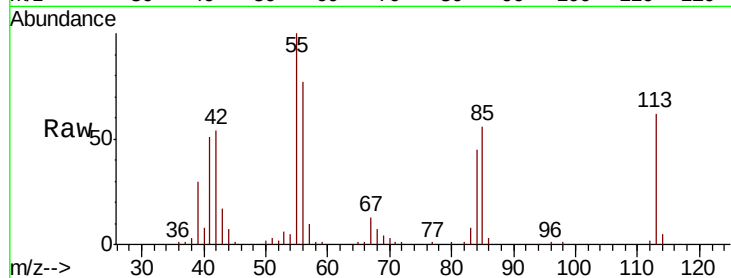




#35
Caprolactam
Concen: 21.313 ng
RT: 8.57 min Scan# 1103
Delta R.T. -0.01 min
Lab File: BF115862.D
Acq: 31 Jul 2019 13:32

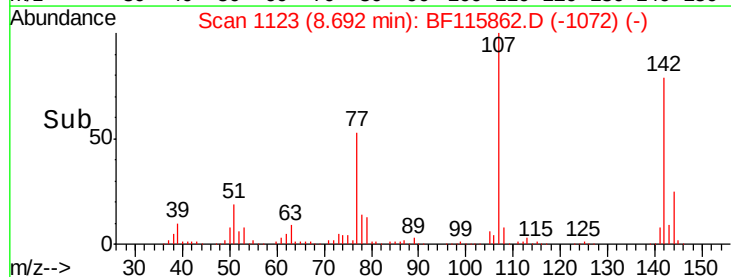
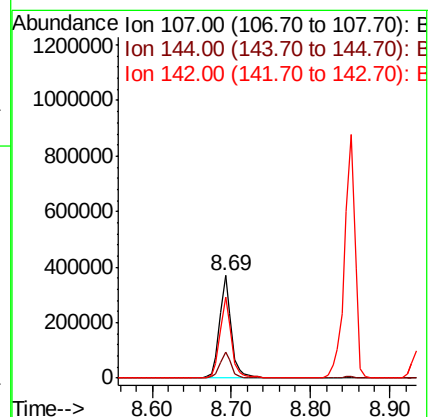
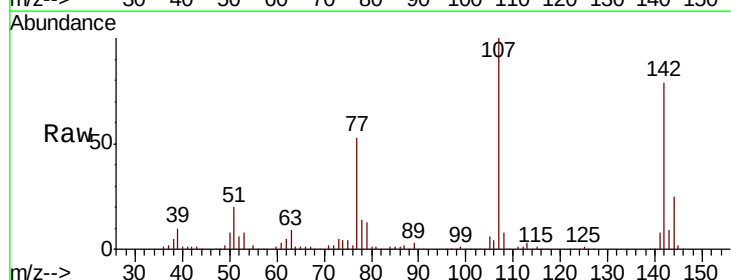
Instrument :
BNA_F
ClientSampleId :

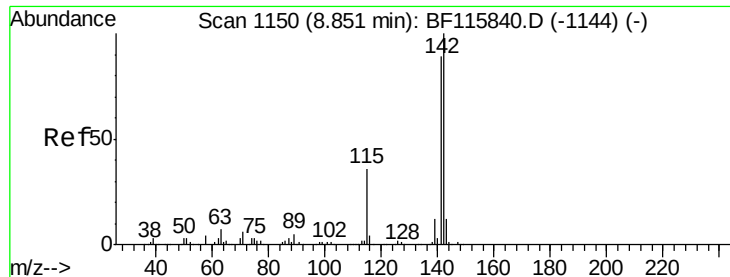
Tot Ion:113 Resp: 55911
Ion Ratio Lower Upper
113 100
55 160.5 138.1 178.1
56 124.4 100.6 140.6



#36
4-Chloro-3-methylphenol
Concen: 45.160 ng
RT: 8.69 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BF115862.D
Acq: 31 Jul 2019 13:32

Tgt Ion:107 Resp: 381067
Ion Ratio Lower Upper
107 100
144 25.2 21.4 32.0
142 78.8 65.5 98.3

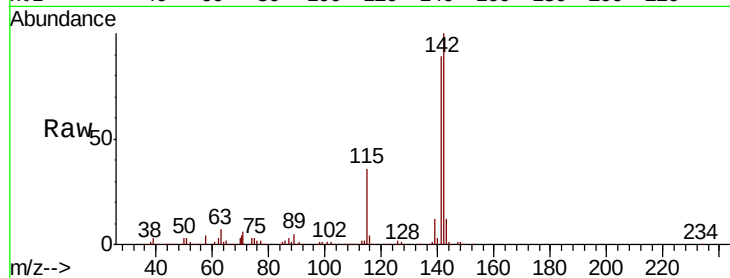




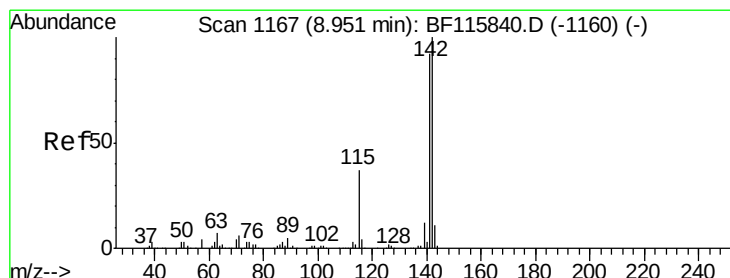
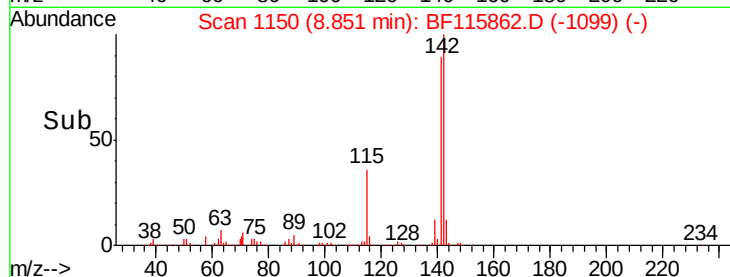
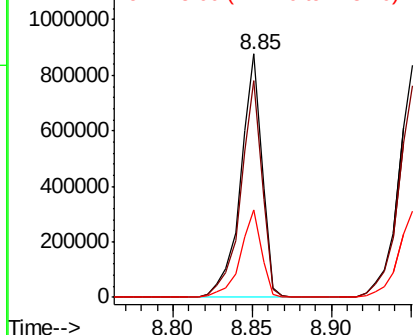
#37
2-Methylnaphthalene
Concen: 45.412 ng
RT: 8.85 min Scan# 1150
Delta R.T. 0.00 min
Lab File: BF115862.D
Acq: 31 Jul 2019 13:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 814984
Ion Ratio Lower Upper
142 100
141 89.0 71.4 107.2
115 35.8 28.9 43.3

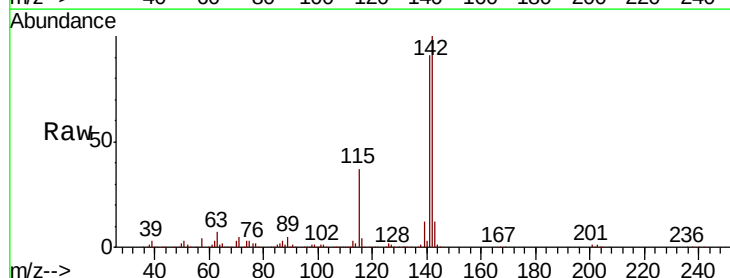


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

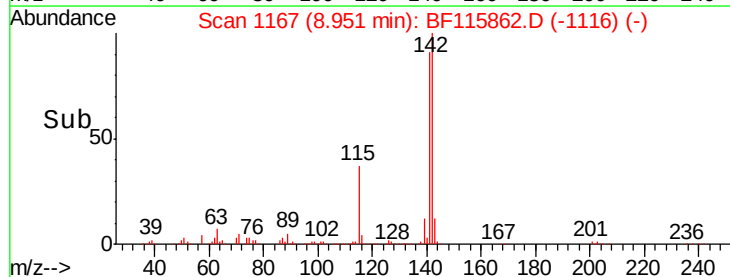
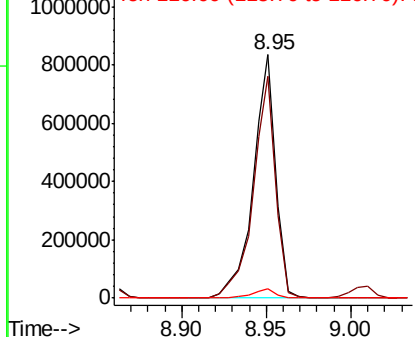


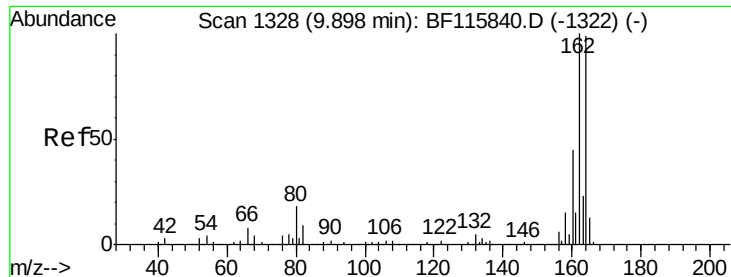
#38
1-Methylnaphthalene
Concen: 45.277 ng
RT: 8.95 min Scan# 1167
Delta R.T. 0.00 min
Lab File: BF115862.D
Acq: 31 Jul 2019 13:32

Tgt Ion:142 Resp: 768725
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: 9.90 min Scan# 1328

Delta R.T. 0.00 min

Lab File: BF115862.D

Acq: 31 Jul 2019 13:32

Instrument :

BNA_F

ClientSampleId :

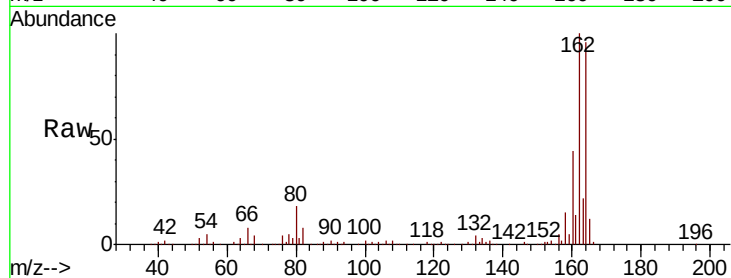
Tot Ion:164 Resp: 303716

Ion Ratio Lower Upper

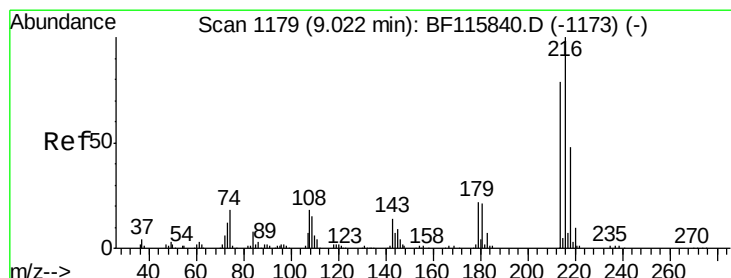
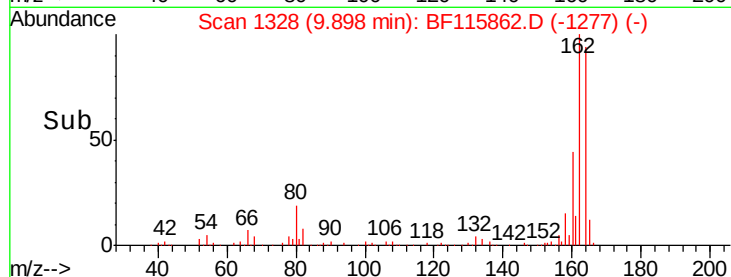
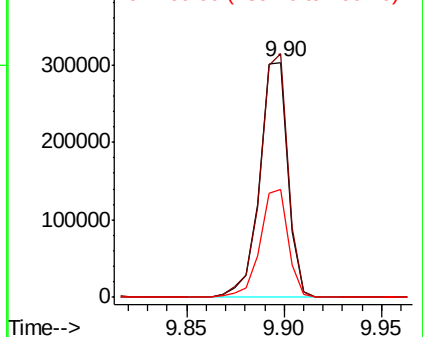
164 100

162 103.8 80.8 121.2

160 46.0 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: 45.118 ng

RT: 9.02 min Scan# 1179

Delta R.T. 0.00 min

Lab File: BF115862.D

Acq: 31 Jul 2019 13:32

Tgt Ion:216 Resp: 366339

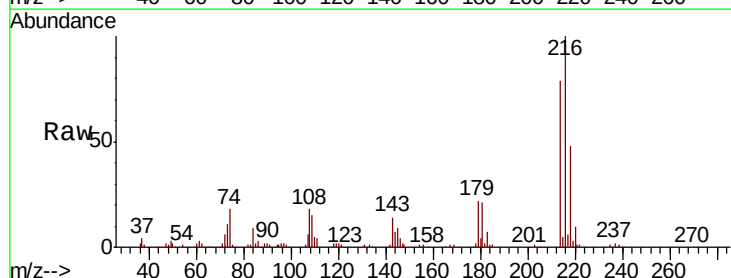
Ion Ratio Lower Upper

216 100

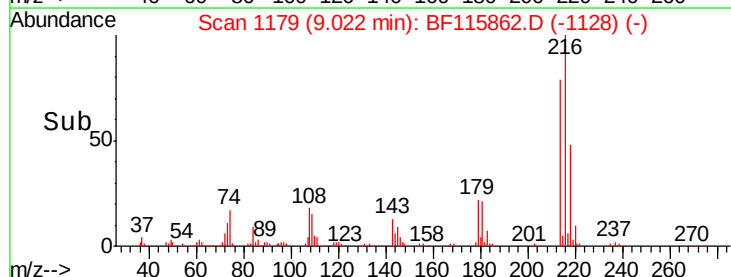
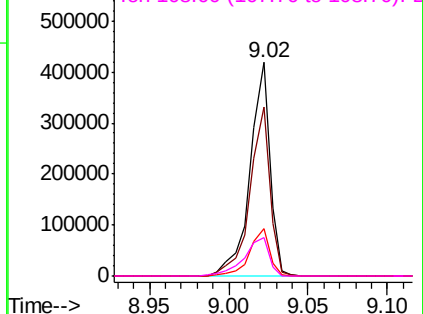
214 79.1 62.8 94.2

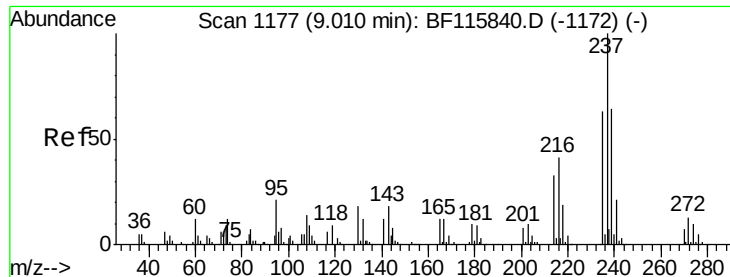
179 21.9 17.6 26.4

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

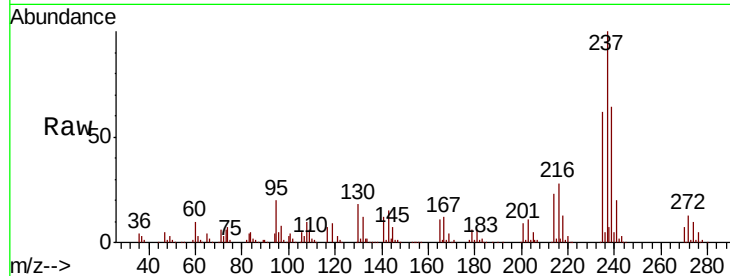




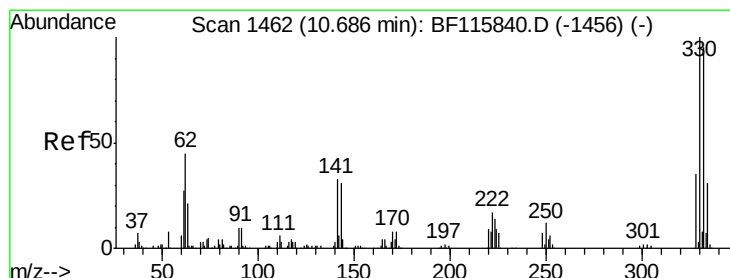
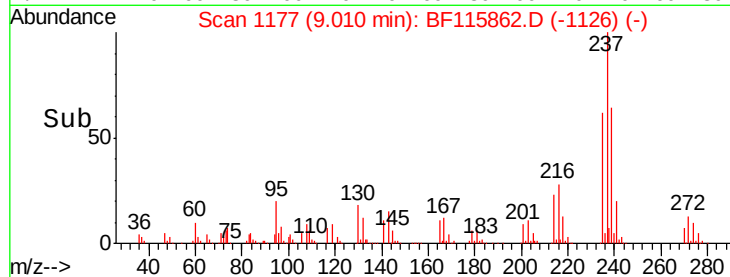
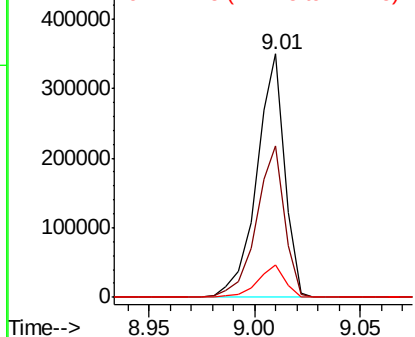
#41
Hexachlorocyclopentadiene
Concen: 87.629 ng
RT: 9.01 min Scan# 1177
Delta R.T. 0.00 min
Lab File: BF115862.D
Acq: 31 Jul 2019 13:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	62.1	42.5	82.5
272	13.4	0.0	33.3

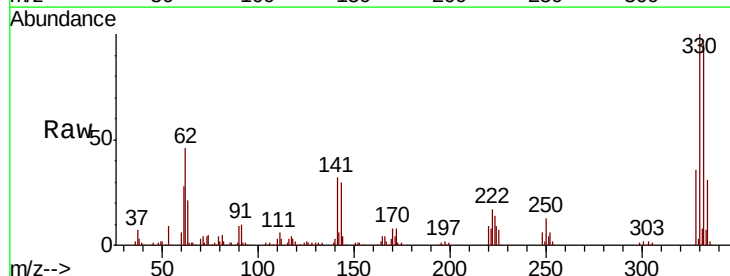


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

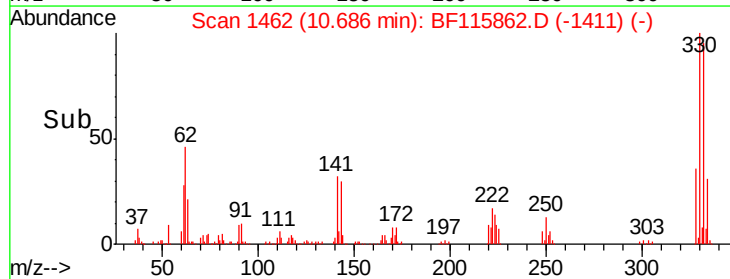
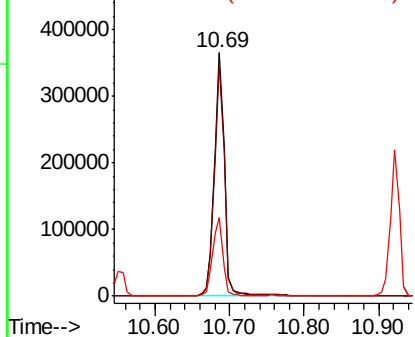


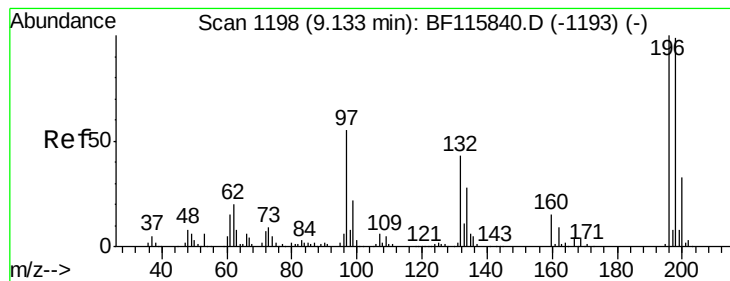
#42
2,4,6-Tribromophenol
Concen: 116.590 ng
RT: 10.69 min Scan# 1462
Delta R.T. 0.00 min
Lab File: BF115862.D
Acq: 31 Jul 2019 13:32

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.4	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: 42.418 ng

RT: 9.13 min Scan# 1198

Delta R.T. 0.00 min

Lab File: BF115862.D

Acq: 31 Jul 2019 13:32

Instrument :

BNA_F

ClientSampleId :

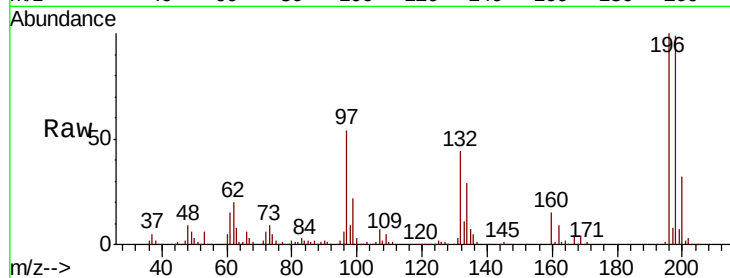
Tot Ion:196 Resp: 237068

Ion Ratio Lower Upper

196 100

198 98.8 79.1 118.7

200 32.5 26.0 39.0

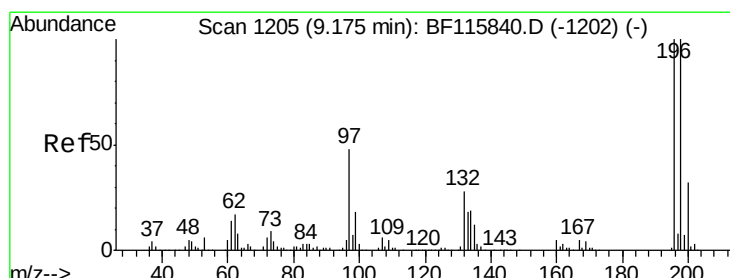
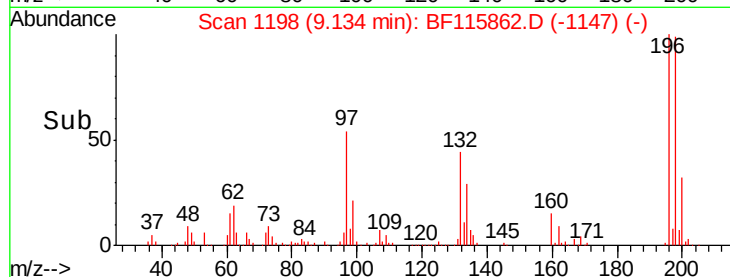
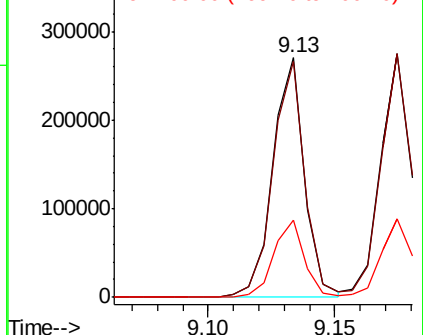


Abundance

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: 44.516 ng

RT: 9.17 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BF115862.D

Acq: 31 Jul 2019 13:32

Tgt Ion:196 Resp: 257177

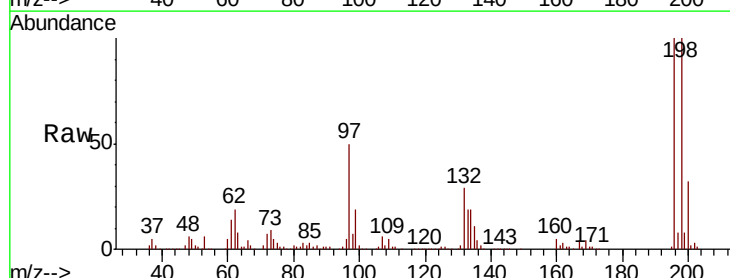
Ion Ratio Lower Upper

196 100

198 100.0 80.1 120.1

97 50.3 38.9 58.3

132 28.5 22.6 33.8



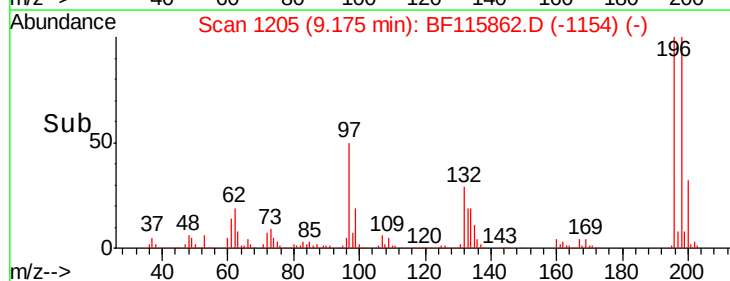
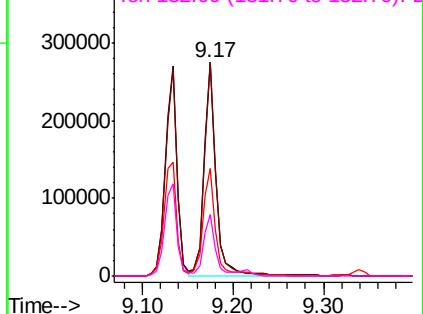
Abundance

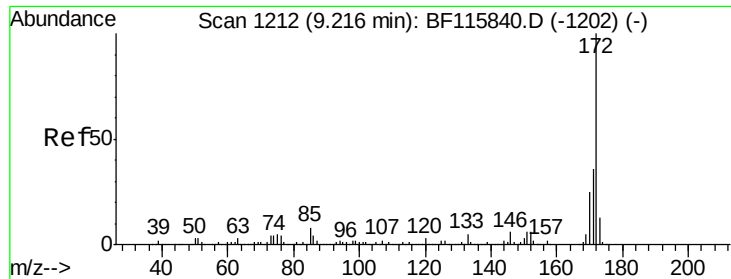
Ion 196.00 (195.70 to 196.70): E

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

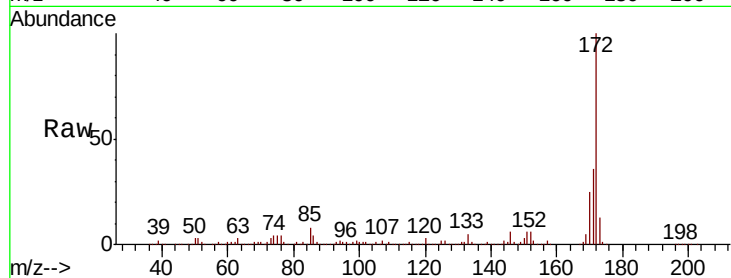




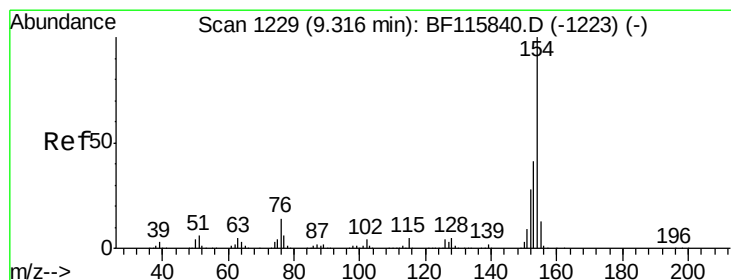
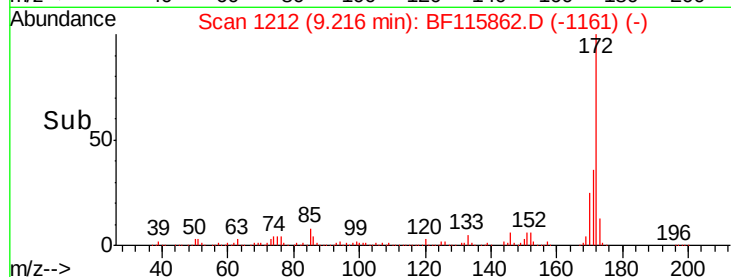
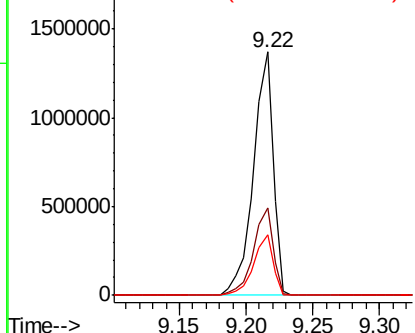
#45
2-Fluorobiphenyl
Concen: 85.606 ng
RT: 9.22 min Scan# 1212
Delta R.T. 0.00 min
Lab File: BF115862.D
Acq: 31 Jul 2019 13:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1388088
Ion Ratio Lower Upper
172 100
171 35.9 29.1 43.7
170 25.0 20.1 30.1

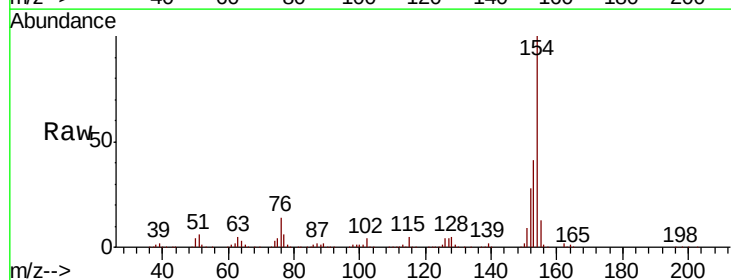


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

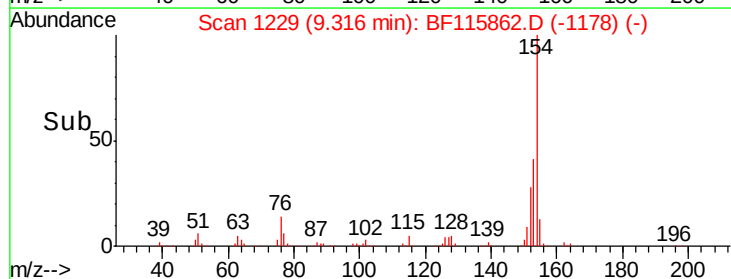
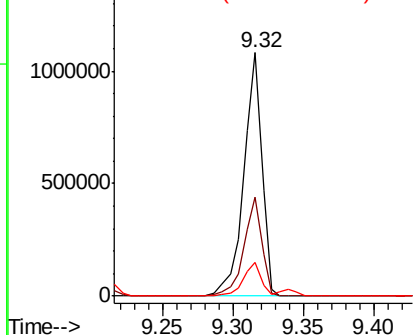


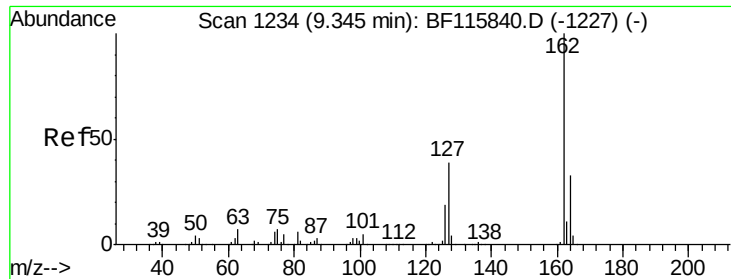
#46
1,1'-Biphenyl
Concen: 45.054 ng
RT: 9.32 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BF115862.D
Acq: 31 Jul 2019 13:32

Tgt Ion:154 Resp: 966055
Ion Ratio Lower Upper
154 100
153 40.7 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

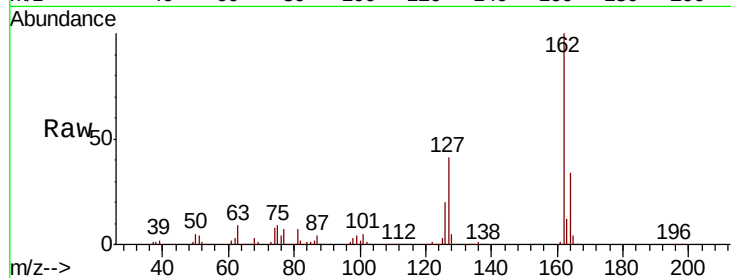




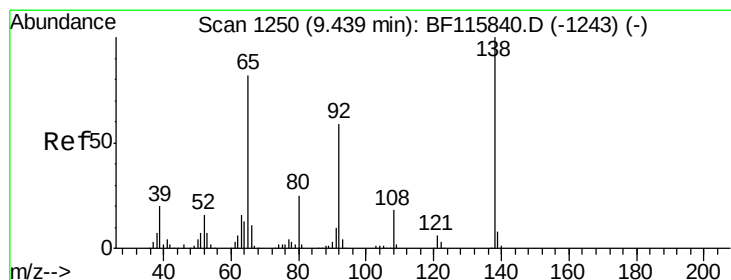
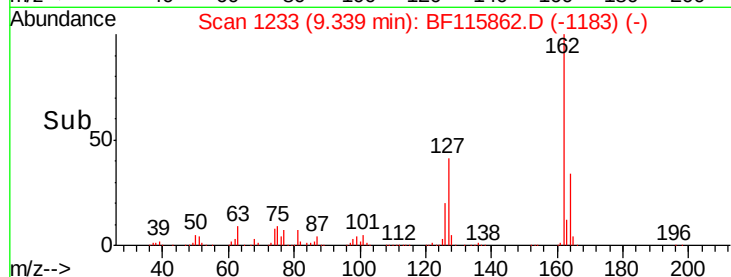
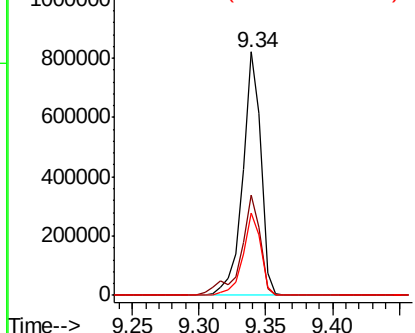
#47
 2-Chloronaphthalene
 Concen: 43.057 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. -0.01 min
 Lab File: BF115862.D
 Acq: 31 Jul 2019 13:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.2	31.3	46.9
164	33.8	26.6	40.0

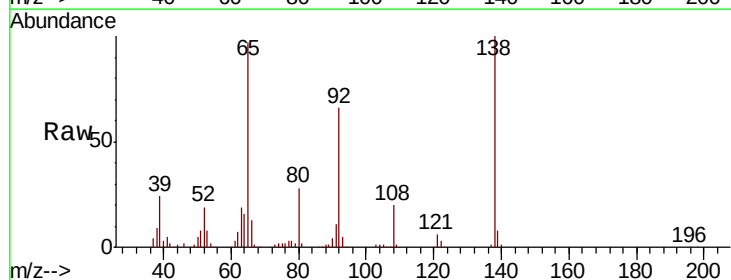


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

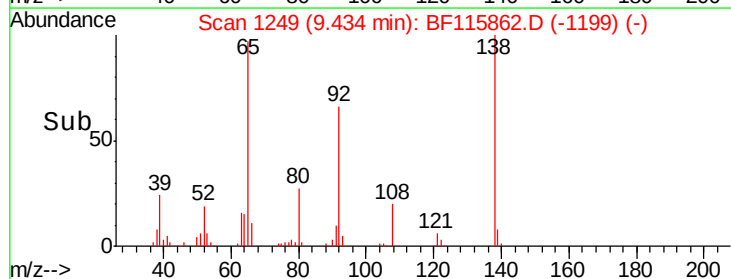
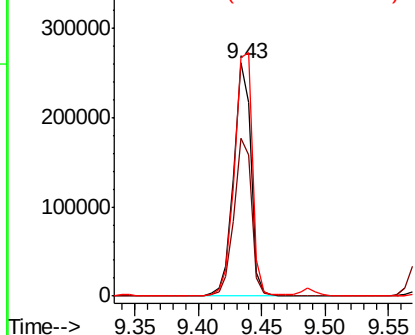


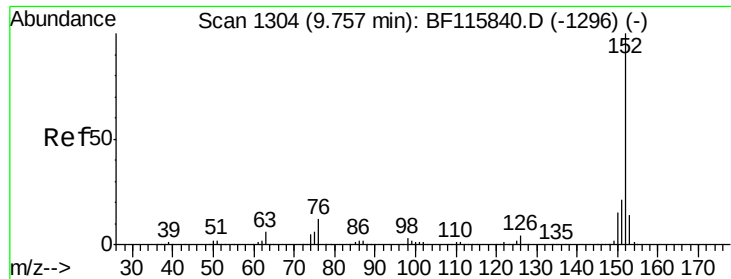
#48
 2-Nitroaniline
 Concen: 41.392 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. -0.01 min
 Lab File: BF115862.D
 Acq: 31 Jul 2019 13:32

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.8	57.1	85.7
138	102.6	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: 45.458 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.00 min

Lab File: BF115862.D

Acq: 31 Jul 2019 13:32

Instrument :

BNA_F

ClientSampleId :

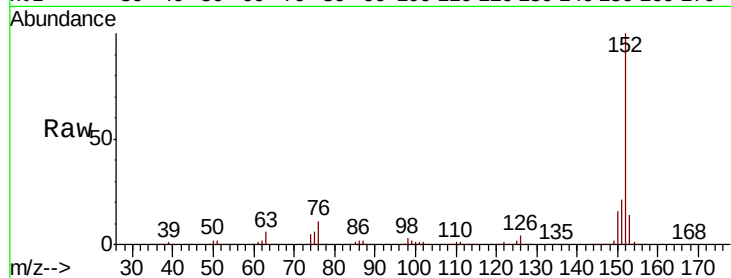
Tot Ion:152 Resp: 1183551

Ion Ratio Lower Upper

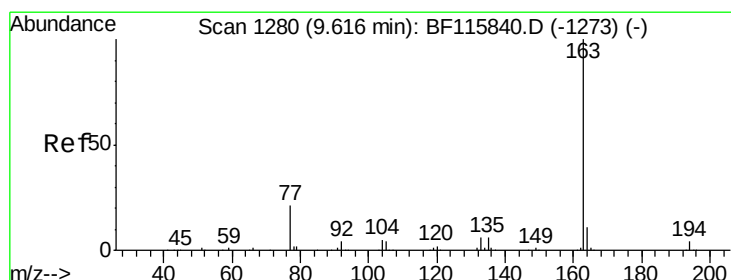
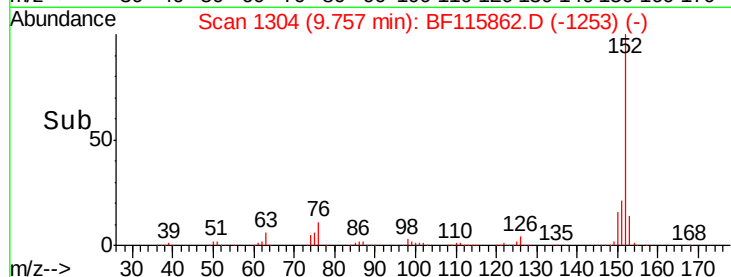
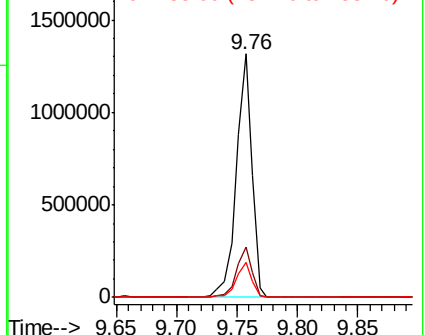
152 100

151 20.8 16.8 25.2

153 14.2 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: 41.689 ng

RT: 9.62 min Scan# 1280

Delta R.T. 0.00 min

Lab File: BF115862.D

Acq: 31 Jul 2019 13:32

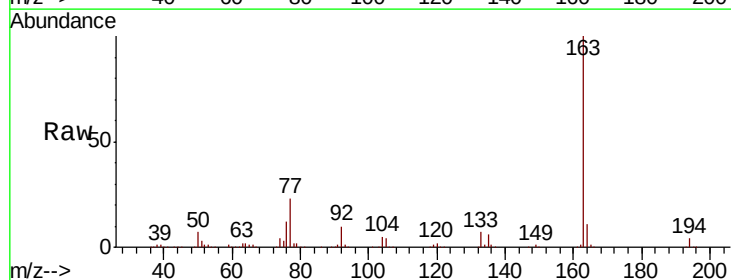
Tgt Ion:163 Resp: 862120

Ion Ratio Lower Upper

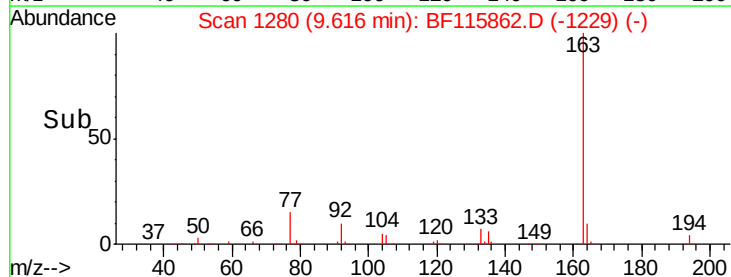
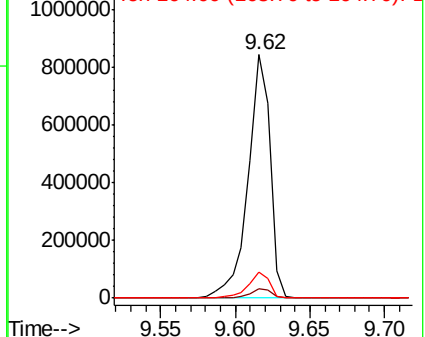
163 100

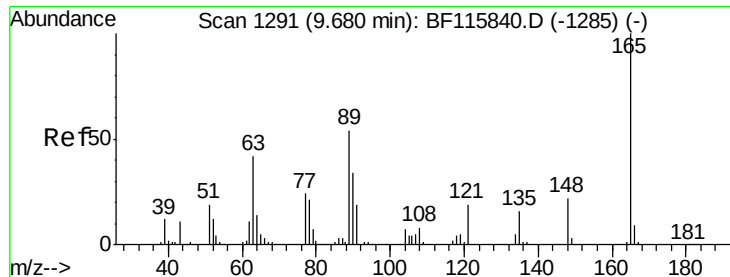
194 3.9 3.0 4.6

164 10.7 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: 44.121 ng

RT: 9.68 min Scan# 1291

Delta R.T. 0.00 min

Lab File: BF115862.D

Acq: 31 Jul 2019 13:32

Instrument :

BNA_F

ClientSampleId :

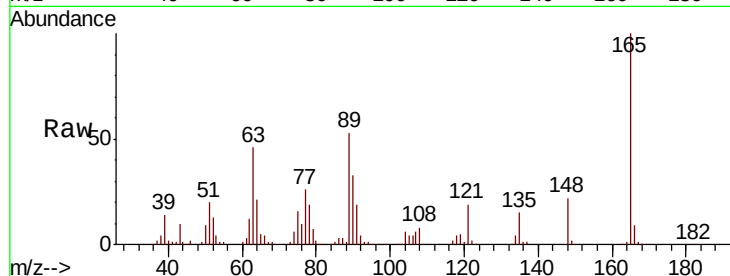
Tot Ion:165 Resp: 198281

Ion Ratio Lower Upper

165 100

63 45.7 39.4 59.2

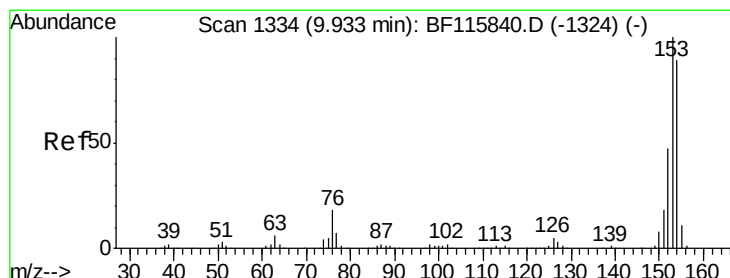
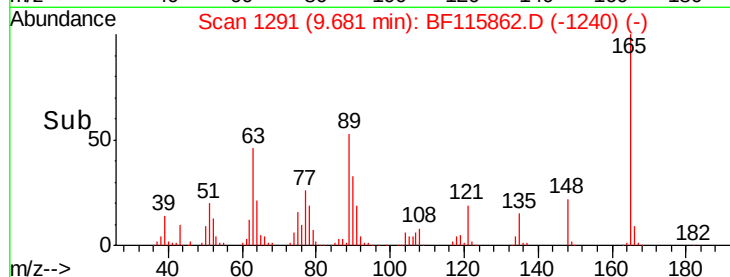
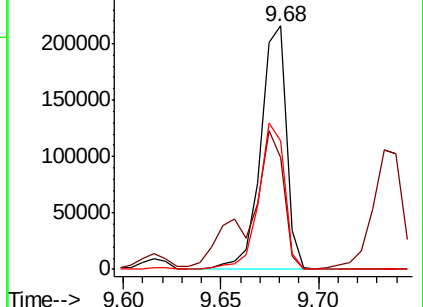
89 52.5 43.0 64.6



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: 44.152 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF115862.D

Acq: 31 Jul 2019 13:32

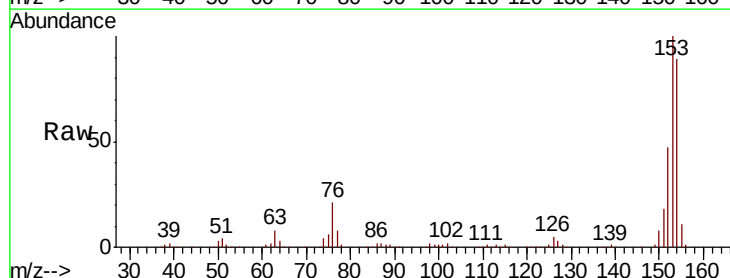
Tgt Ion:154 Resp: 705227

Ion Ratio Lower Upper

154 100

153 112.0 90.1 135.1

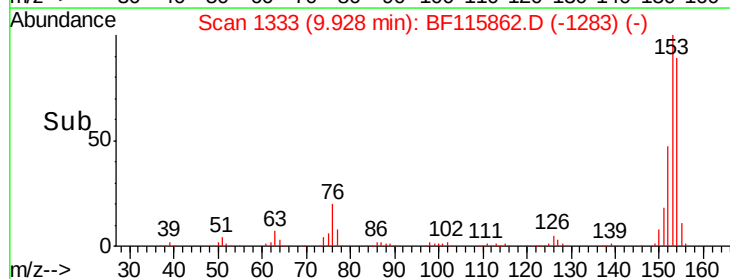
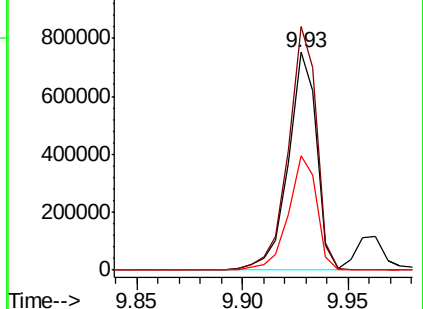
152 52.8 42.6 63.8

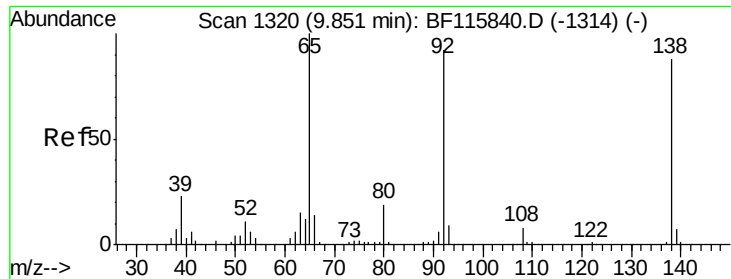


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

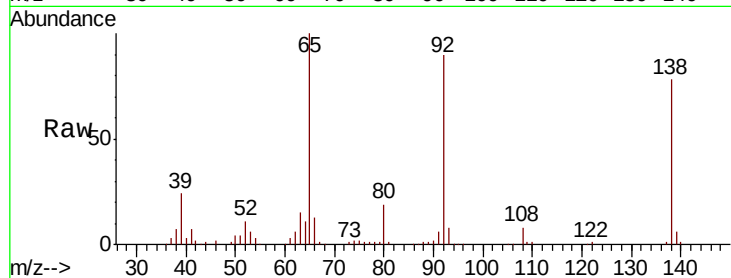




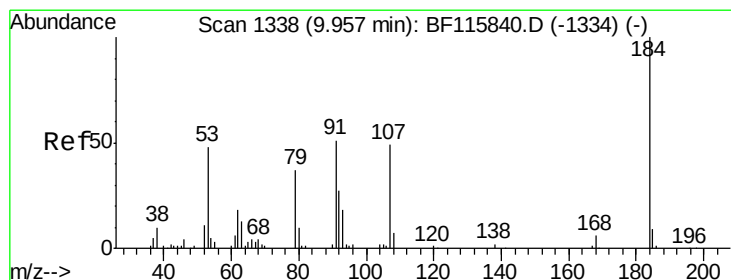
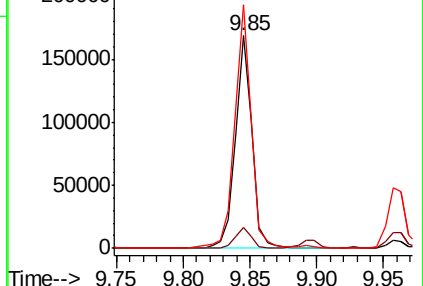
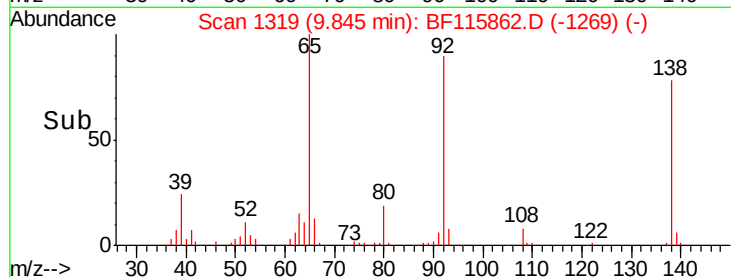
#53
 3-Nitroaniline
 Concen: 26.619 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF115862.D
 Acq: 31 Jul 2019 13:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:138 Resp: 147812
 Ion Ratio Lower Upper
 138 100
 108 9.9 7.4 11.2
 92 114.5 83.9 125.9

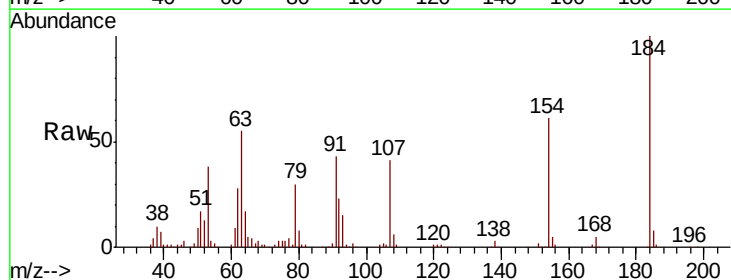


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

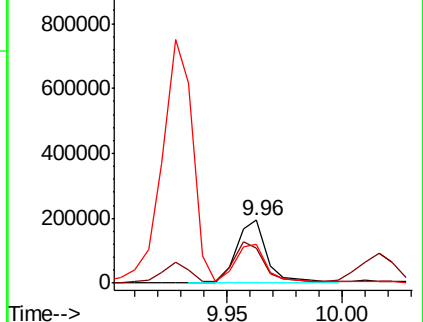
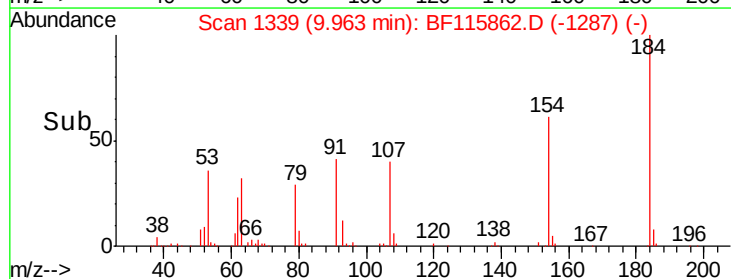


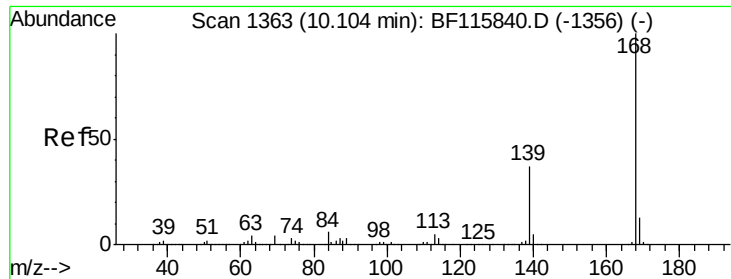
#54
 2,4-Dinitrophenol
 Concen: 79.563 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. 0.01 min
 Lab File: BF115862.D
 Acq: 31 Jul 2019 13:32

Tgt Ion:184 Resp: 181753
 Ion Ratio Lower Upper
 184 100
 63 55.5 56.7 85.1#
 154 61.0 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

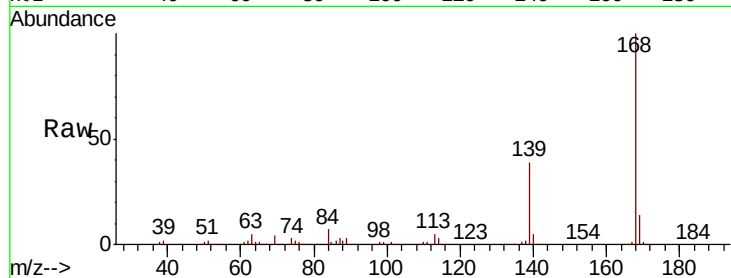




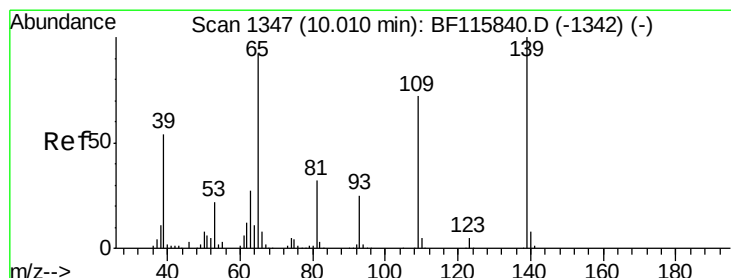
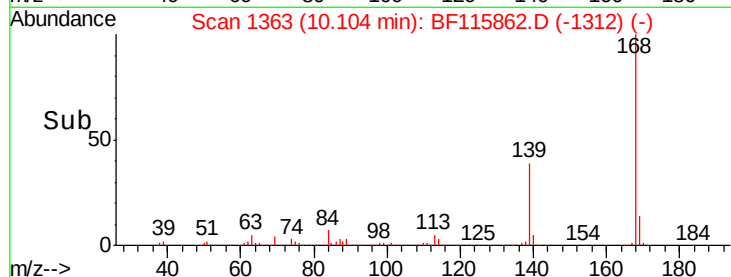
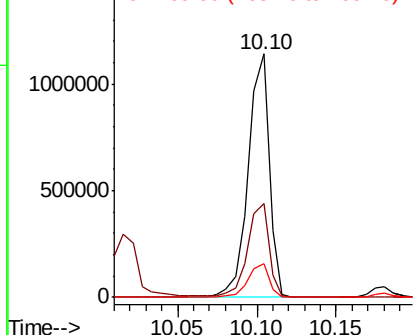
#55
Dibenzofuran
Concen: 45.181 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.00 min
Lab File: BF115862.D
Acq: 31 Jul 2019 13:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1049497
Ion Ratio Lower Upper
168 100
139 38.6 30.2 45.2
169 13.6 10.8 16.2

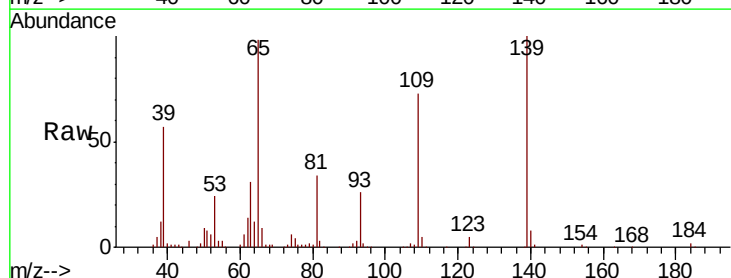


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

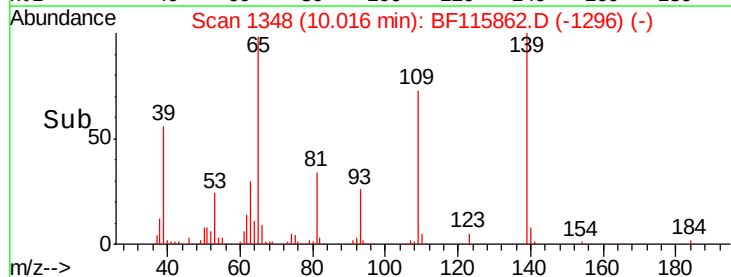
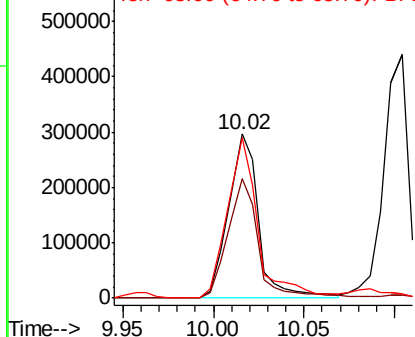


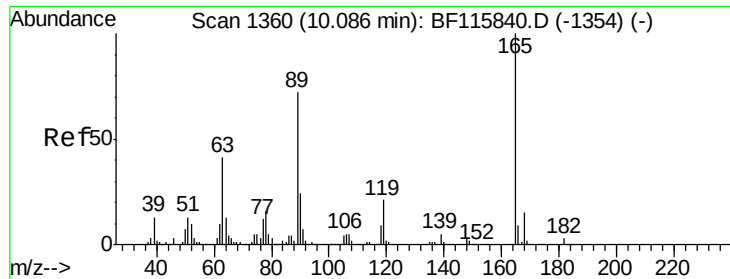
#56
4-Nitrophenol
Concen: 96.704 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.01 min
Lab File: BF115862.D
Acq: 31 Jul 2019 13:32

Tgt Ion:139 Resp: 343999
Ion Ratio Lower Upper
139 100
109 72.6 52.0 92.0
65 97.6 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: 43.853 ng

RT: 10.09 min Scan# 1360

Delta R.T. 0.00 min

Lab File: BF115862.D

Acq: 31 Jul 2019 13:32

Instrument :

BNA_F

ClientSampled :

Tot Ion:165 Resp: 262395

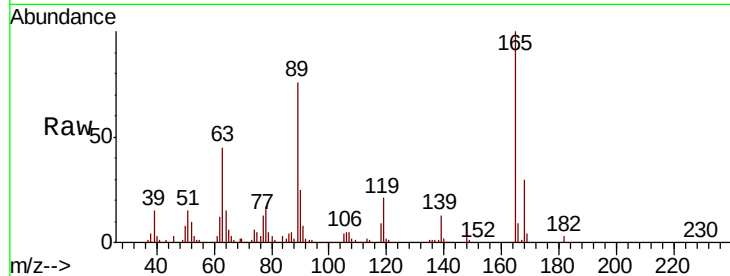
Ion Ratio Lower Upper

165 100

63 44.8 33.2 49.8

89 75.6 57.3 85.9

182 2.6 2.1 3.1

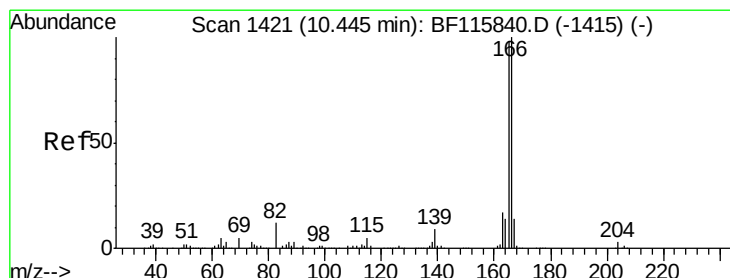
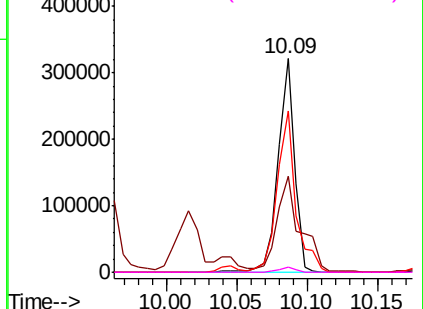
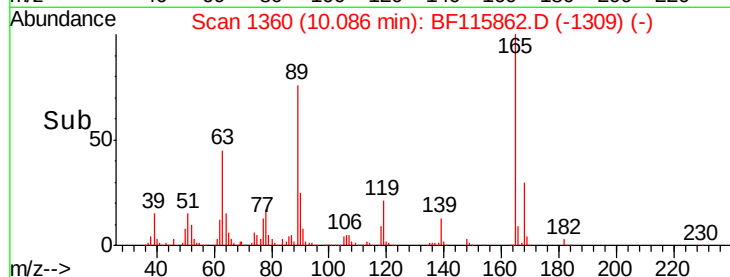


Abundance Ion 165.00 (164.70 to 165.70): E

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: 44.405 ng

RT: 10.45 min Scan# 1421

Delta R.T. 0.00 min

Lab File: BF115862.D

Acq: 31 Jul 2019 13:32

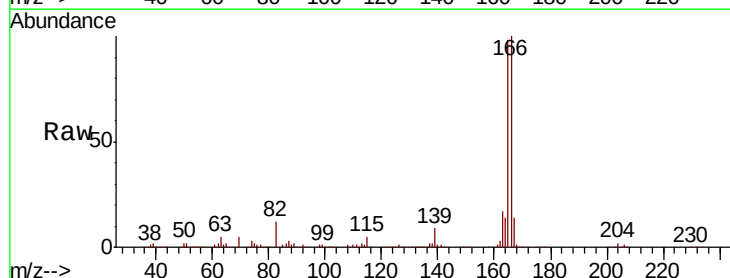
Tgt Ion:166 Resp: 793576

Ion Ratio Lower Upper

166 100

165 98.1 78.6 118.0

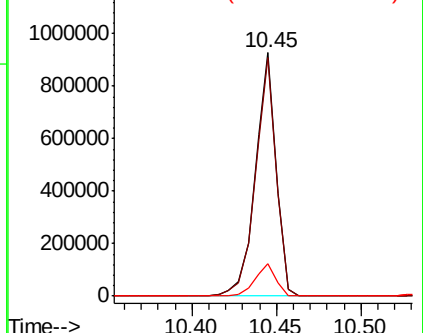
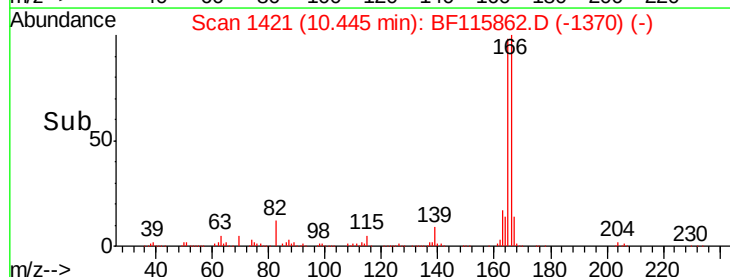
167 13.5 10.9 16.3

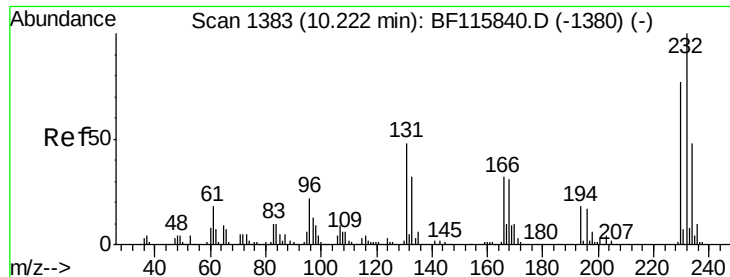


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

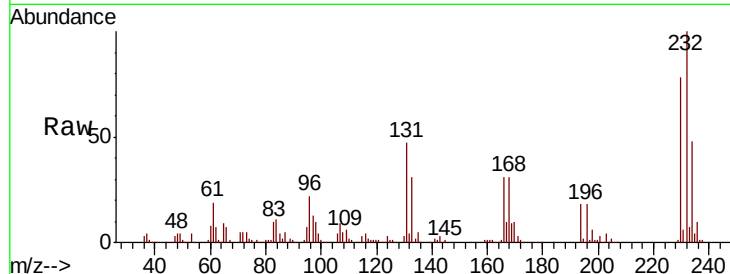




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.389 ng
 RT: 10.22 min Scan# 1383
 Delta R.T. 0.00 min
 Lab File: BF115862.D
 Acq: 31 Jul 2019 13:32

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.5	37.6	56.4
130	2.3	1.8	2.8
166	29.2	24.6	37.0



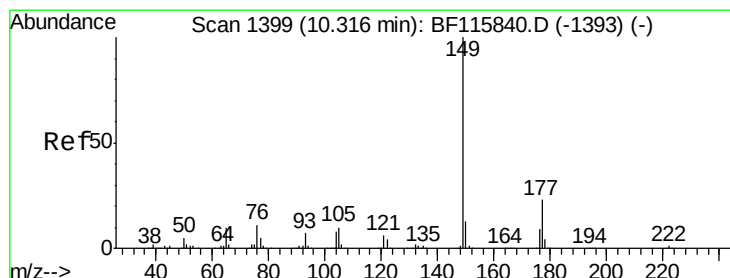
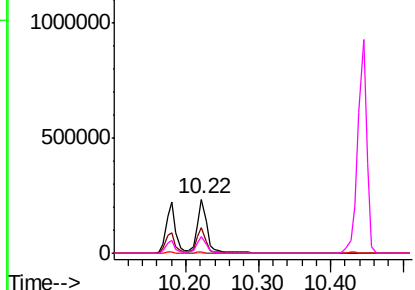
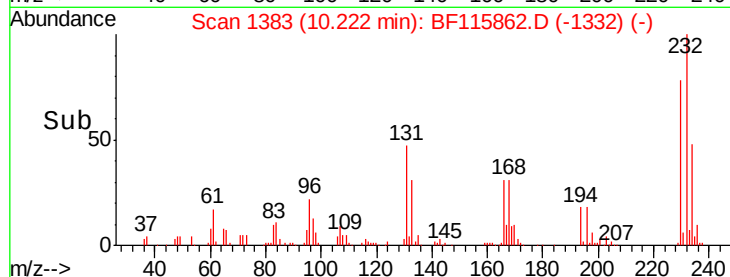
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

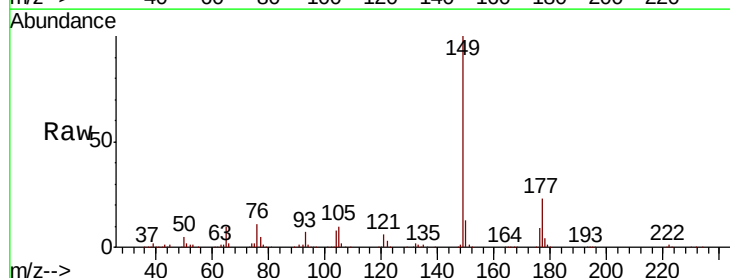
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 42.129 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. 0.00 min
 Lab File: BF115862.D
 Acq: 31 Jul 2019 13:32

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.8	18.4	27.6
150	12.8	10.1	15.1

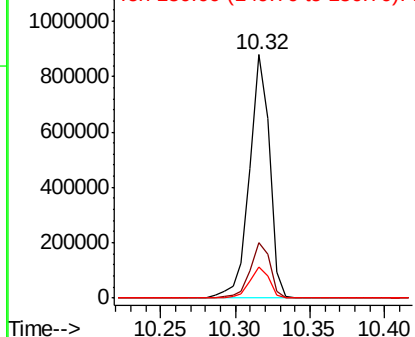
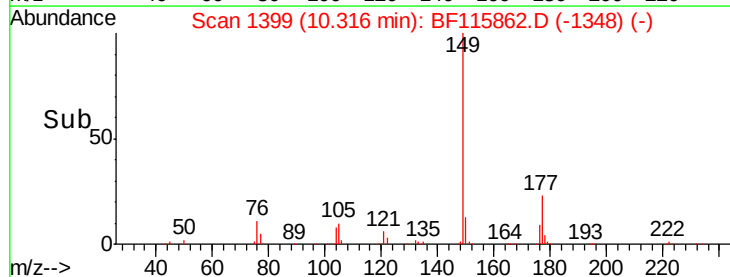


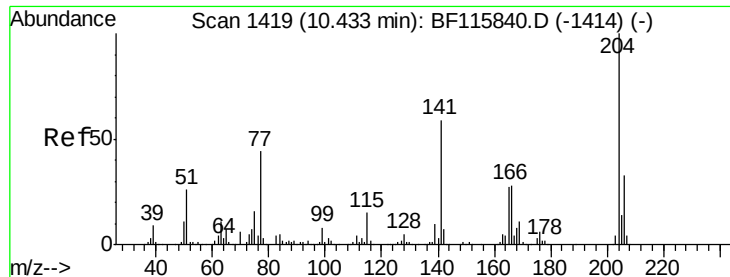
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

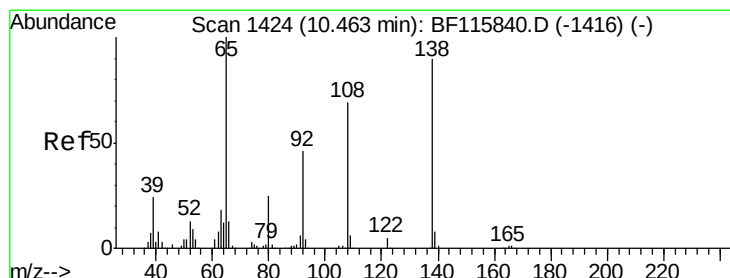
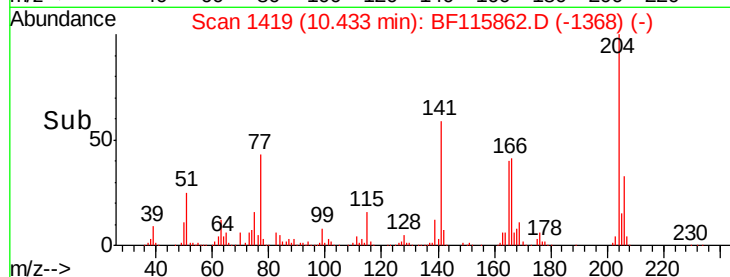
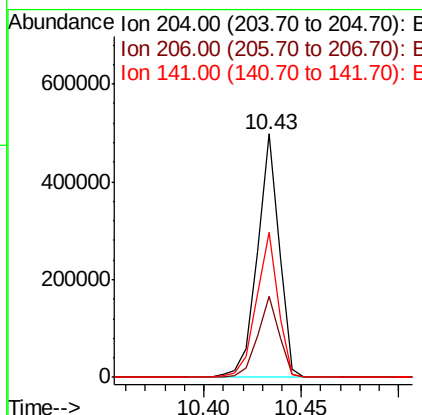
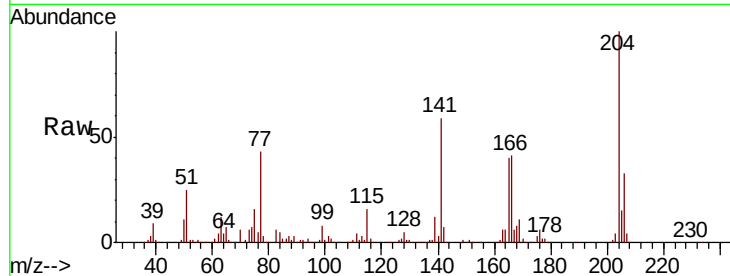




#61
 4-Chlorophenyl-phenylether
 Concen: 42.645 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. 0.00 min
 Lab File: BF115862.D
 Acq: 31 Jul 2019 13:32

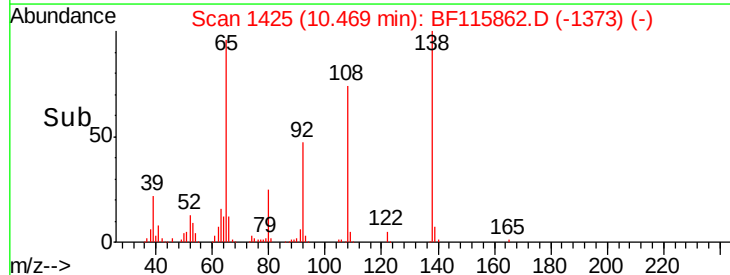
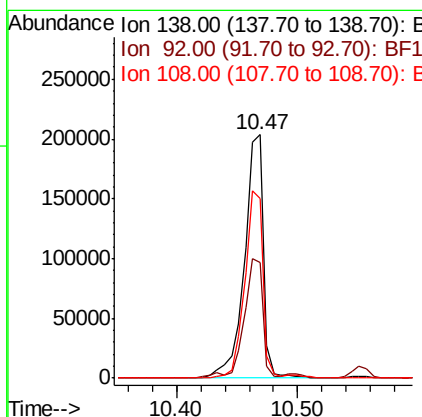
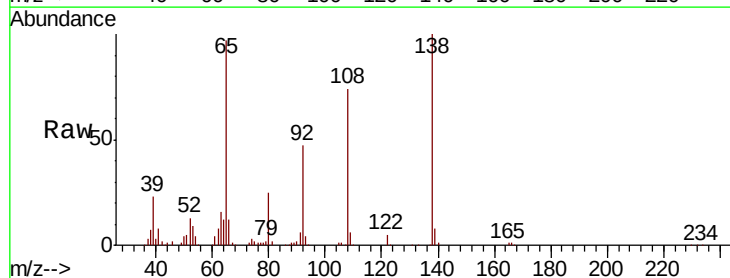
Instrument :
 BNA_F
 ClientSampleId :

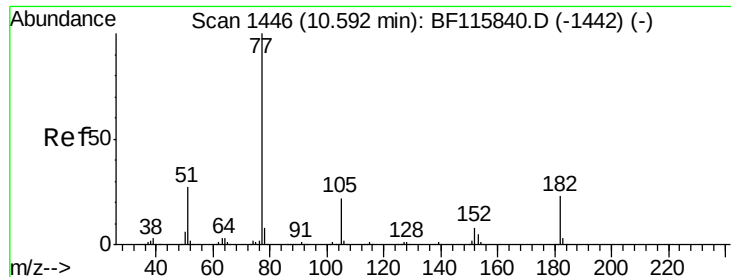
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.4	39.6
141	59.5	47.0	70.4



#62
 4-Nitroaniline
 Concen: 39.092 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. 0.01 min
 Lab File: BF115862.D
 Acq: 31 Jul 2019 13:32

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.4	31.0	71.0
108	74.0	56.7	96.7

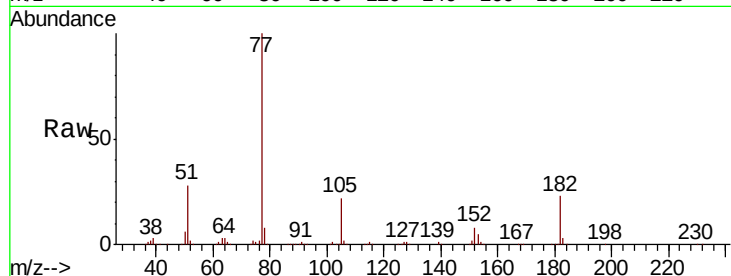




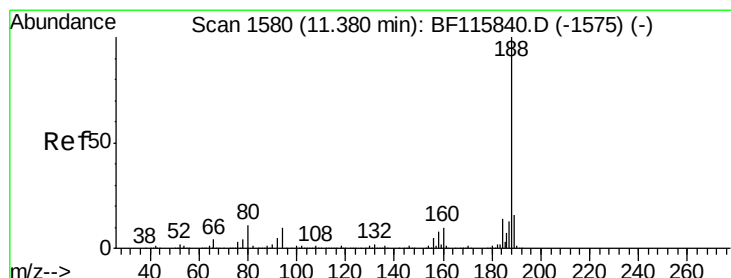
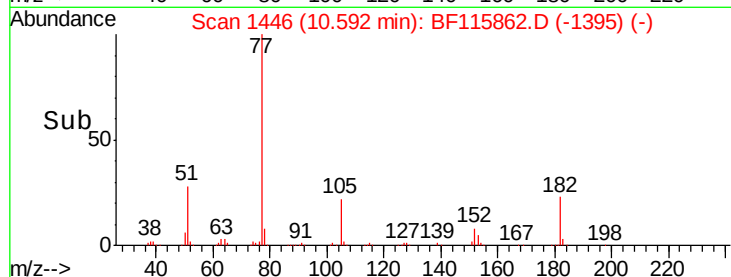
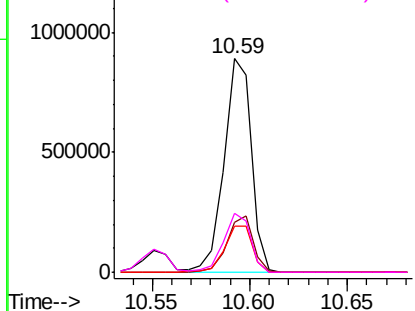
#63
Azobenzene
Concen: 43.336 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.00 min
Lab File: BF115862.D
Acq: 31 Jul 2019 13:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	77	Resp:	860596
Ion	Ratio	Lower	Upper
77	100		
182	23.3	2.6	42.6
105	21.9	1.6	41.6
51	27.9	7.4	47.4

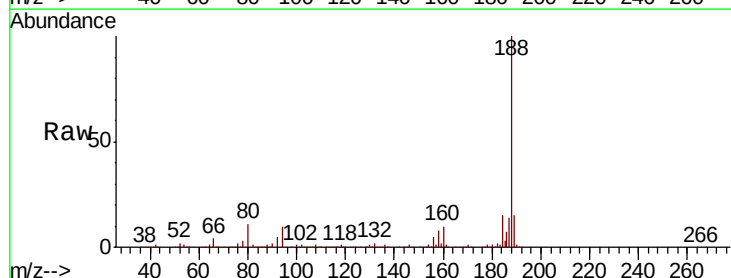


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

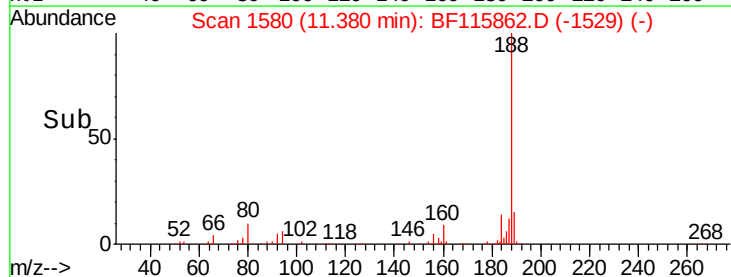
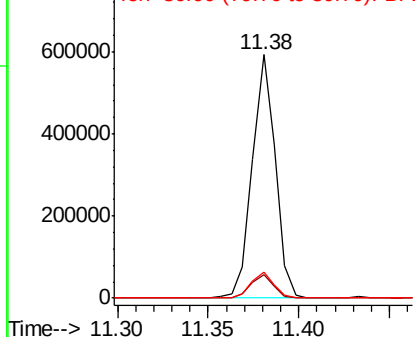


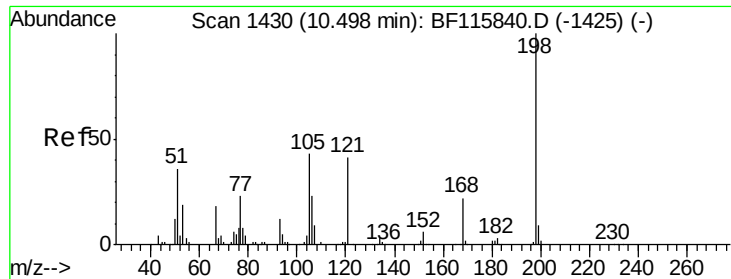
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BF115862.D
Acq: 31 Jul 2019 13:32

Tgt Ion:	188	Resp:	525013
Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.0	12.0
80	10.6	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: 46.460 ng

RT: 10.50 min Scan# 1430

Delta R.T. 0.00 min

Lab File: BF115862.D

Acq: 31 Jul 2019 13:32

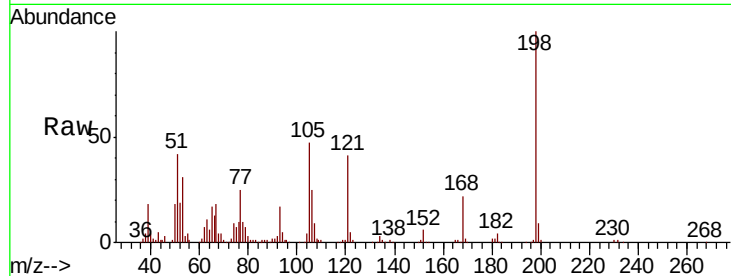
Instrument :

BNA_F

ClientSampleId :

Tot Ion:198 Resp: 129263

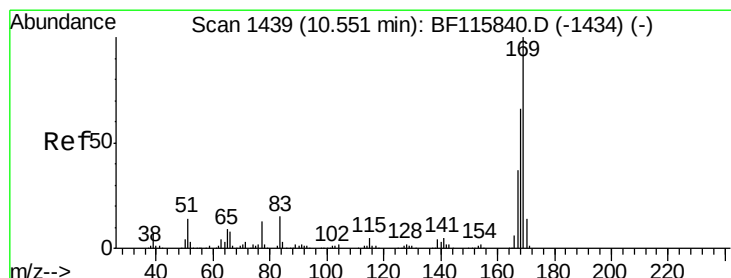
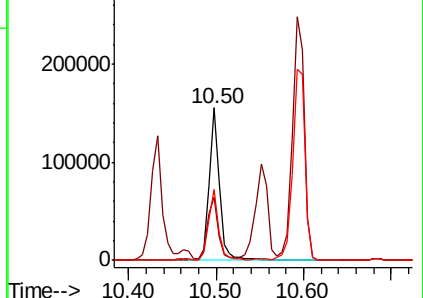
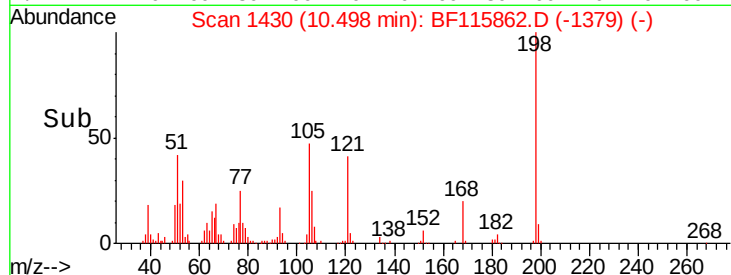
Ion	Ratio	Lower	Upper
198	100		
51	41.8	21.1	61.1
105	46.5	24.5	64.5



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 45.054 ng

RT: 10.55 min Scan# 1439

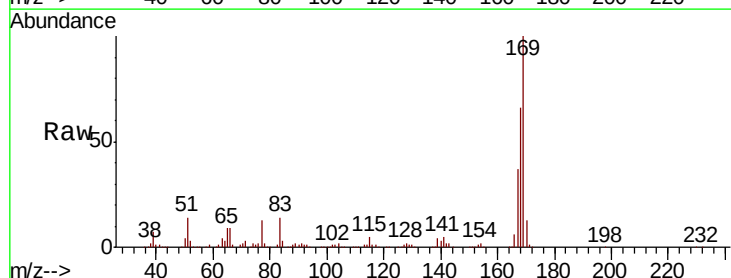
Delta R.T. 0.00 min

Lab File: BF115862.D

Acq: 31 Jul 2019 13:32

Tgt Ion:169 Resp: 711956

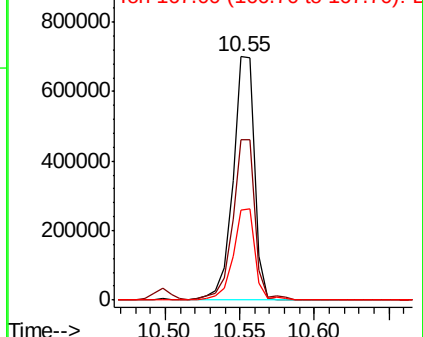
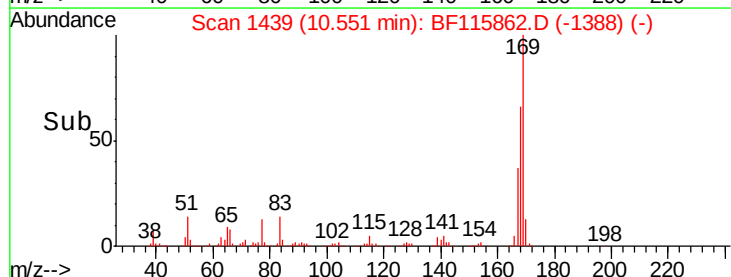
Ion	Ratio	Lower	Upper
169	100		
168	65.9	53.0	79.6
167	36.9	29.9	44.9

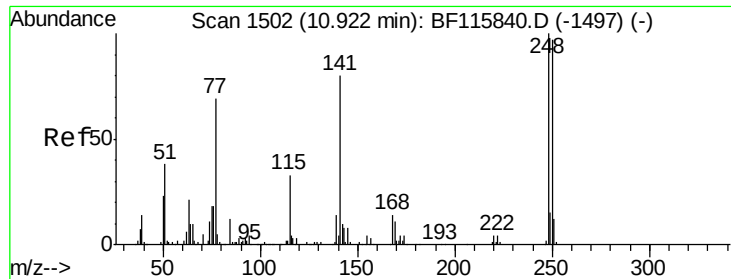


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

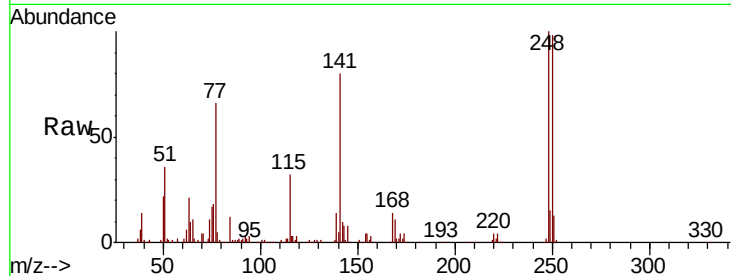




#67
4-Bromophenyl-phenylether
Concen: 42.768 ng
RT: 10.92 min Scan# 1502
Delta R.T. 0.00 min
Lab File: BF115862.D
Acq: 31 Jul 2019 13:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.9	77.8	116.6
141	80.3	64.3	96.5

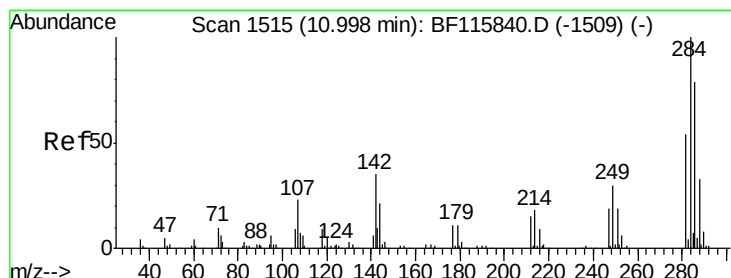
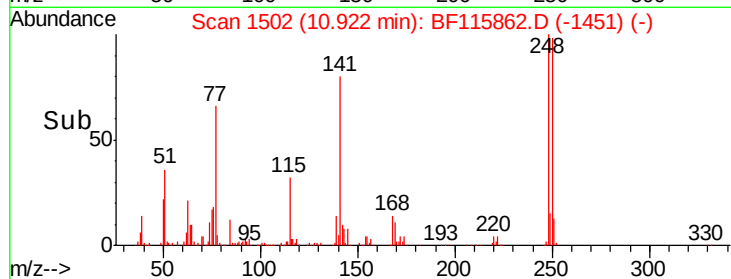
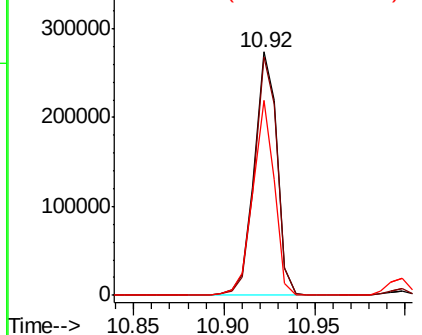


Abundance

Ion 248.00 (247.70 to 248.70): E

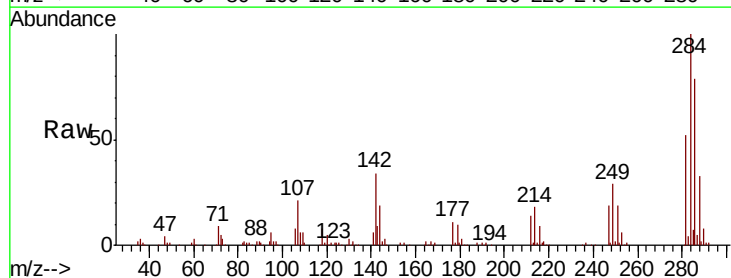
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 41.996 ng
RT: 11.00 min Scan# 1515
Delta R.T. 0.00 min
Lab File: BF115862.D
Acq: 31 Jul 2019 13:32

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.1	28.2	42.2
249	29.0	24.0	36.0

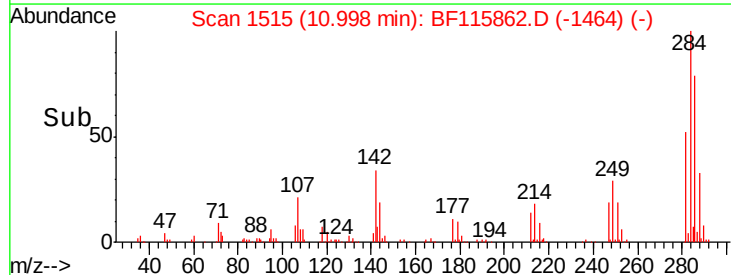
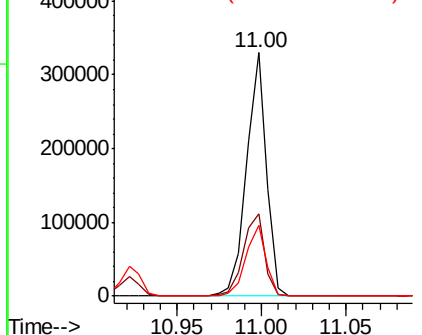


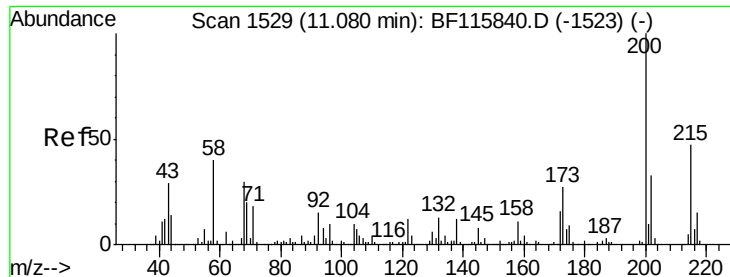
Abundance

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

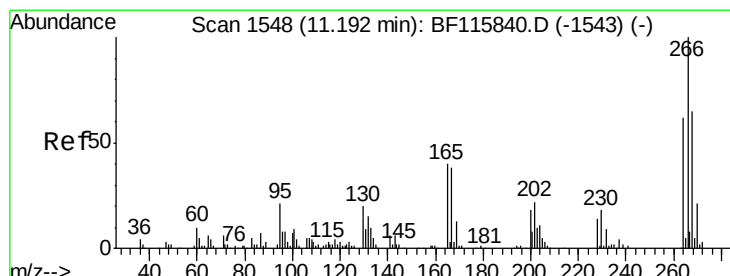
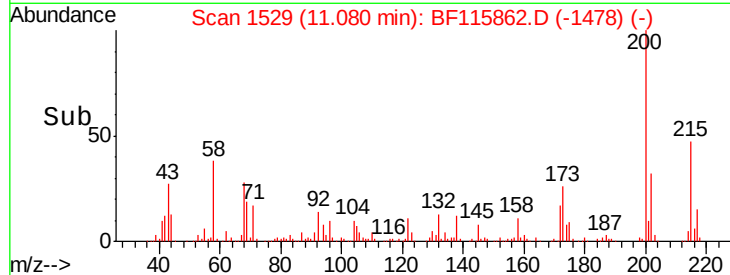
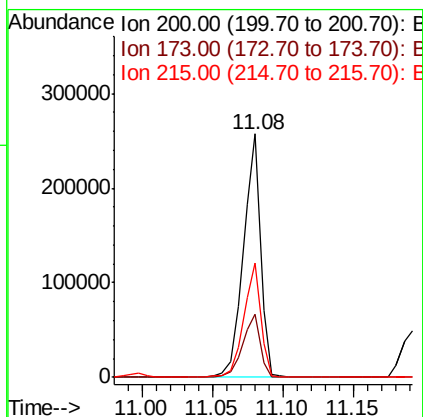
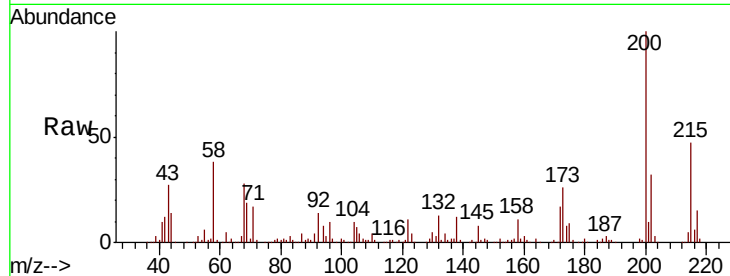




#69
 Atrazine
 Concen: 41.944 ng
 RT: 11.08 min Scan# 1529
 Delta R.T. 0.00 min
 Lab File: BF115862.D
 Acq: 31 Jul 2019 13:32

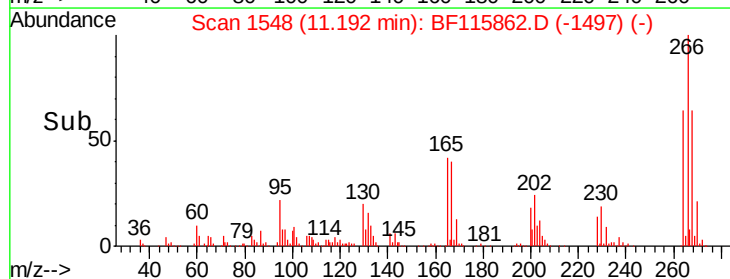
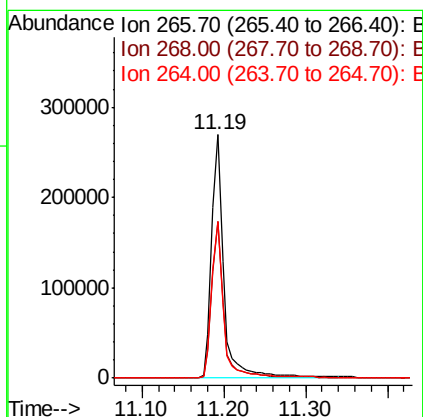
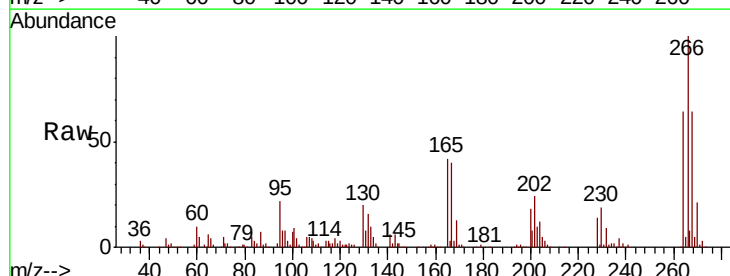
Instrument :
 BNA_F
 ClientSampleId :

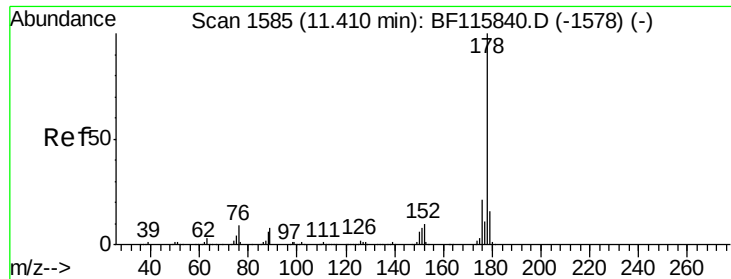
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.2	7.3	47.3
215	47.2	26.9	66.9



#70
 Pentachlorophenol
 Concen: 89.482 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. 0.00 min
 Lab File: BF115862.D
 Acq: 31 Jul 2019 13:32

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.1	51.6	77.4
264	64.5	49.4	74.0

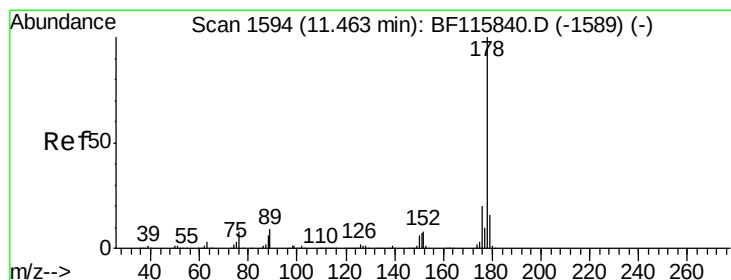
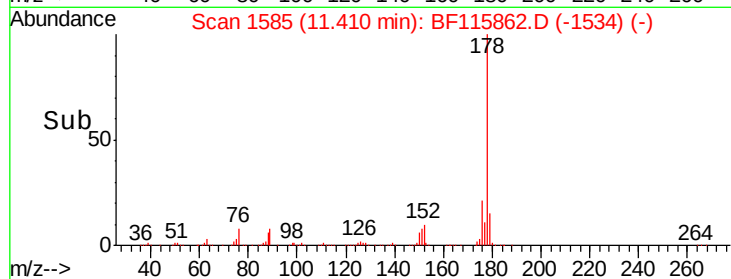
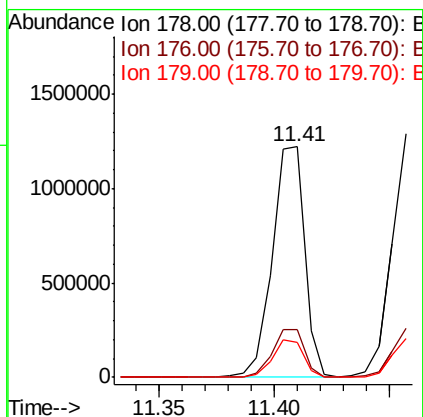
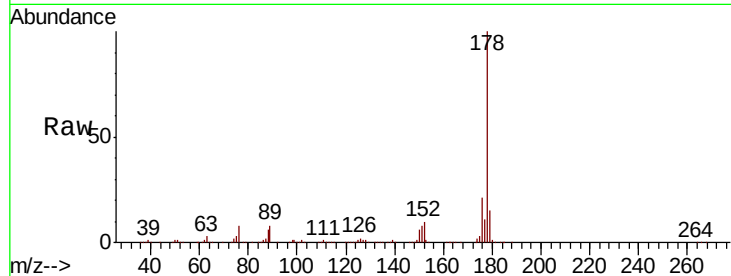




#71
 Phenanthrene
 Concen: 44.317 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: BF115862.D
 Acq: 31 Jul 2019 13:32

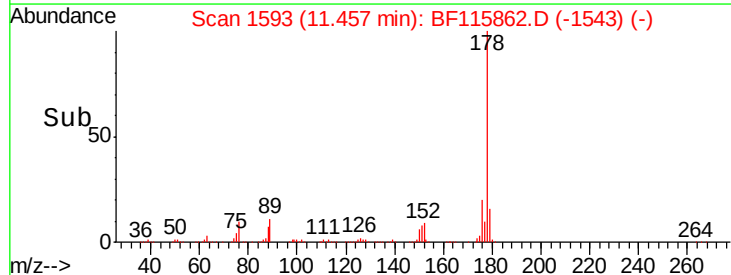
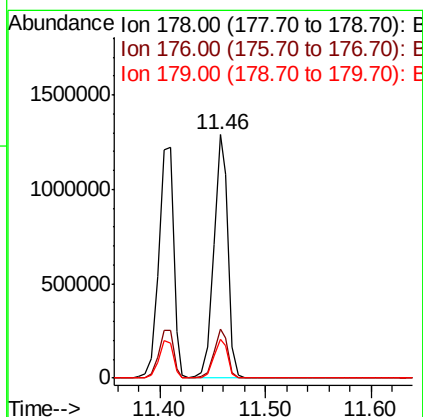
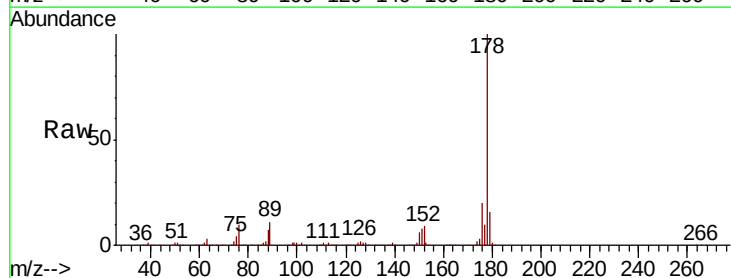
Instrument :
 BNA_F
 ClientSampleId :

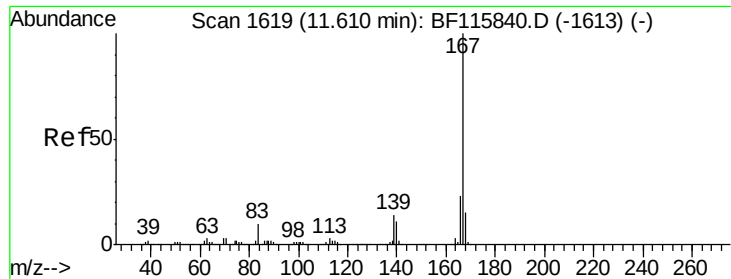
Tot Ion:178 Resp: 1189464
 Ion Ratio Lower Upper
 178 100
 176 20.5 16.5 24.7
 179 15.4 12.6 18.8



#72
 Anthracene
 Concen: 45.154 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. -0.01 min
 Lab File: BF115862.D
 Acq: 31 Jul 2019 13:32

Tgt Ion:178 Resp: 1226524
 Ion Ratio Lower Upper
 178 100
 176 20.2 15.7 23.5
 179 16.2 12.4 18.6





#73

Carbazole

Concen: 45.054 ng

RT: 11.61 min Scan# 1619

Delta R.T. 0.00 min

Lab File: BF115862.D

Acq: 31 Jul 2019 13:32

Instrument :

BNA_F

ClientSampleId :

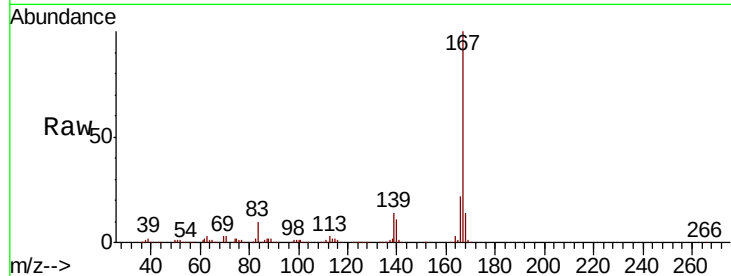
Tot Ion:167 Resp: 1110303

Ion Ratio Lower Upper

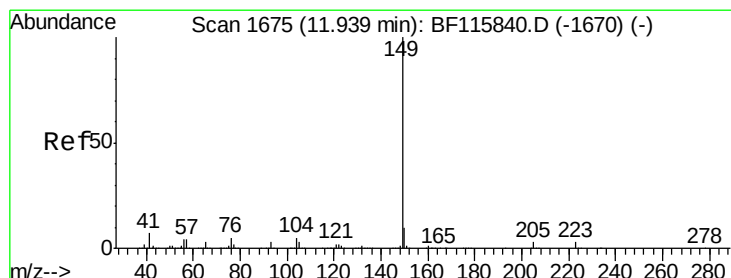
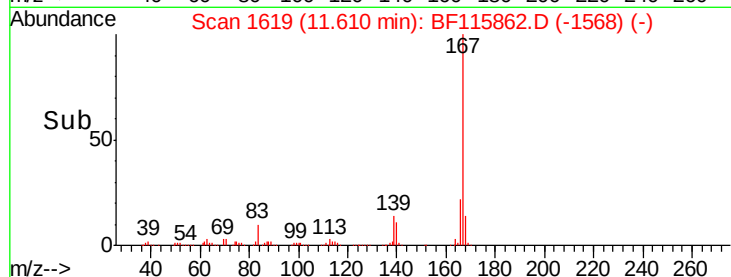
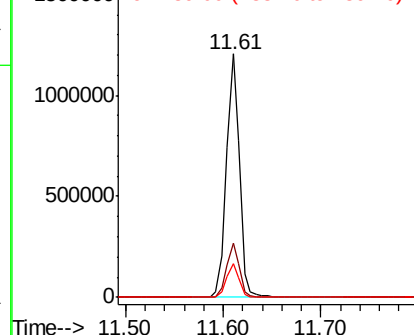
167 100

166 22.3 18.0 27.0

139 13.9 11.4 17.2



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 42.016 ng

RT: 11.94 min Scan# 1675

Delta R.T. 0.00 min

Lab File: BF115862.D

Acq: 31 Jul 2019 13:32

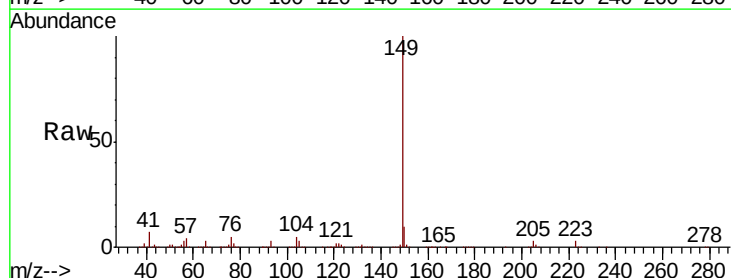
Tgt Ion:149 Resp: 1207881

Ion Ratio Lower Upper

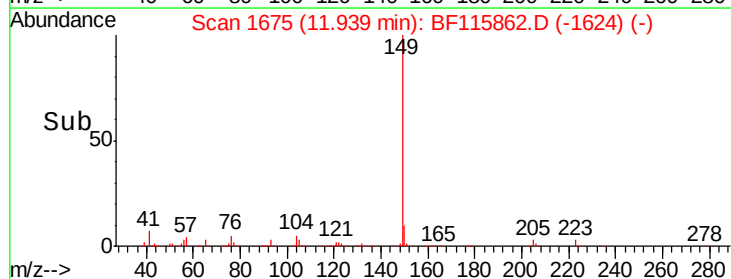
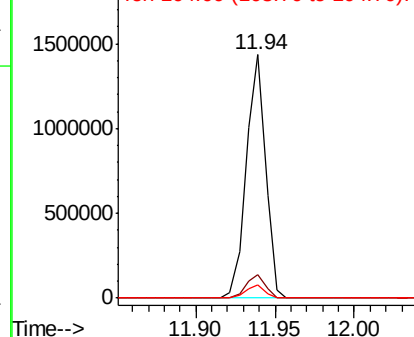
149 100

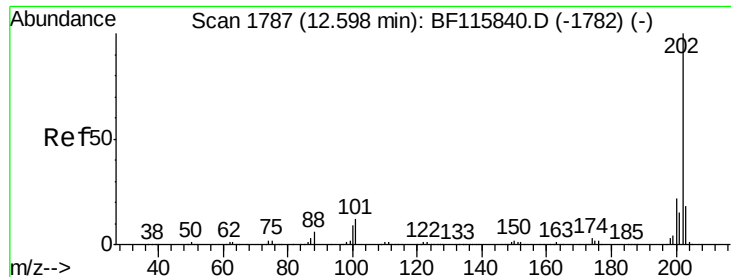
150 9.6 7.7 11.5

104 5.2 4.3 6.5



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

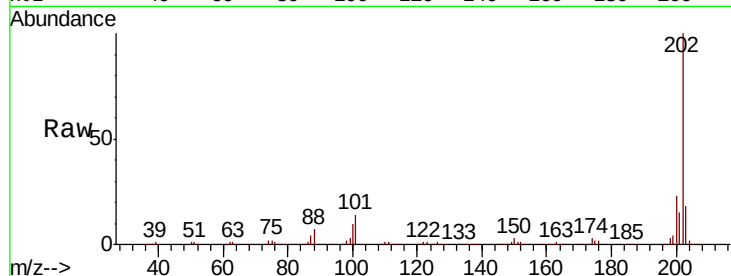




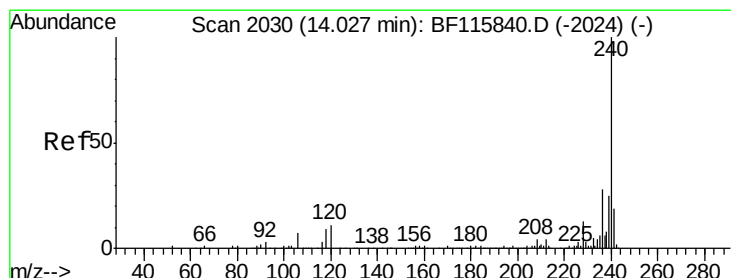
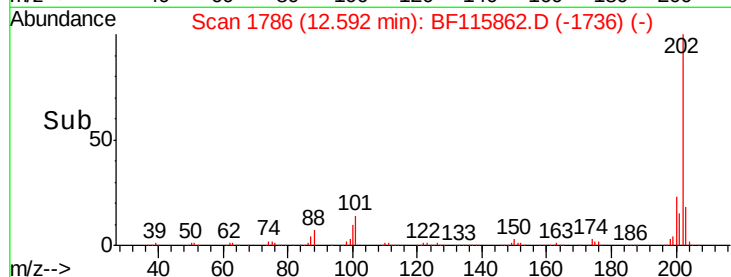
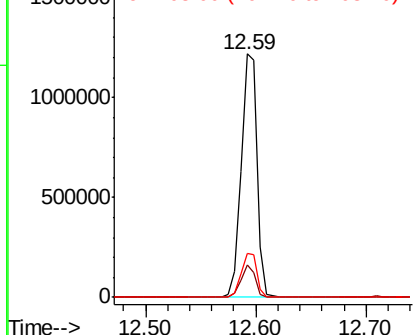
#75
 Fluoranthene
 Concen: 43.533 ng
 RT: 12.59 min Scan# 1786
 Delta R.T. -0.01 min
 Lab File: BF115862.D
 Acq: 31 Jul 2019 13:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1223228
 Ion Ratio Lower Upper
 202 100
 101 13.5 0.0 31.5
 203 18.2 0.0 37.9

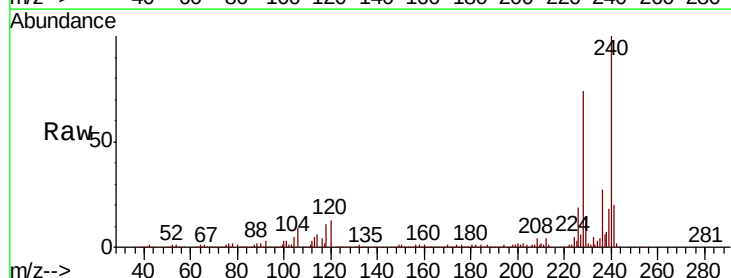


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

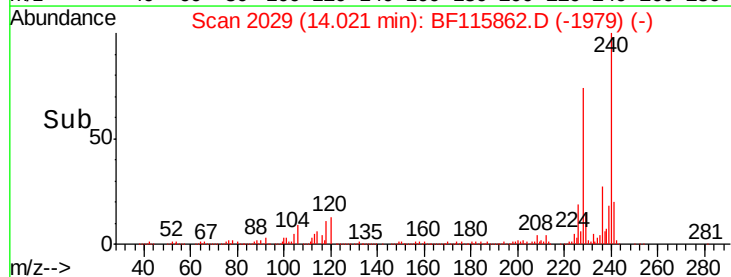
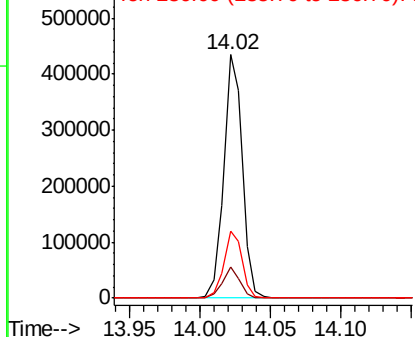


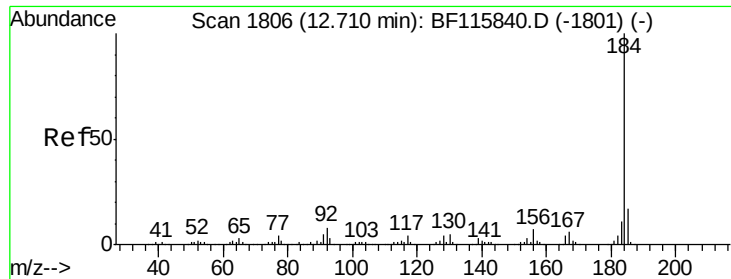
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF115862.D
 Acq: 31 Jul 2019 13:32

Tgt Ion:240 Resp: 395272
 Ion Ratio Lower Upper
 240 100
 120 12.5 8.5 12.7
 236 27.4 22.2 33.2



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 49.049 ng

RT: 12.71 min Scan# 1806

Delta R.T. 0.00 min

Lab File: BF115862.D

Acq: 31 Jul 2019 13:32

Instrument :

BNA_F

ClientSampleId :

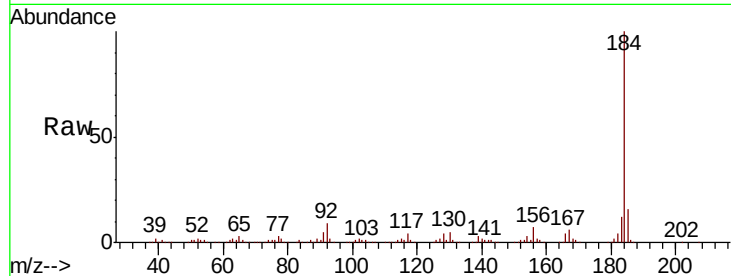
Tot Ion:184 Resp: 655002

Ion Ratio Lower Upper

184 100

185 15.9 13.4 20.2

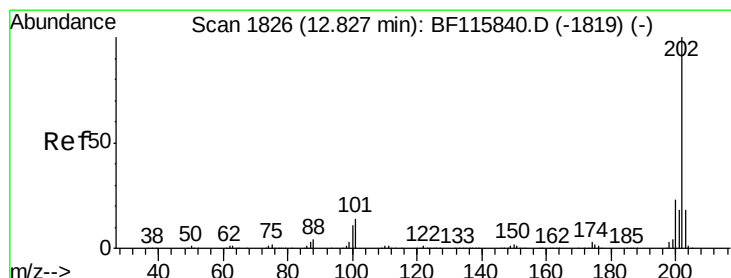
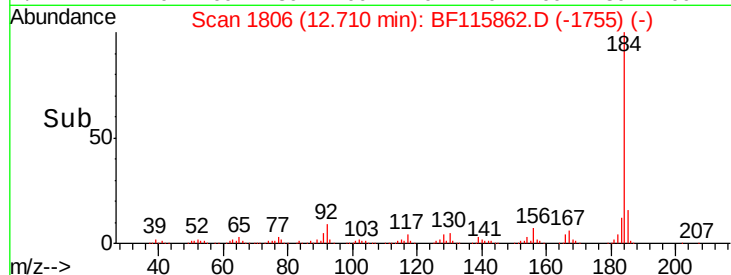
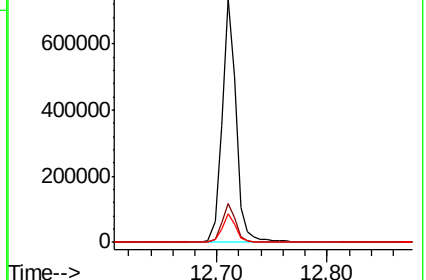
183 11.6 9.1 13.7



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: 42.556 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF115862.D

Acq: 31 Jul 2019 13:32

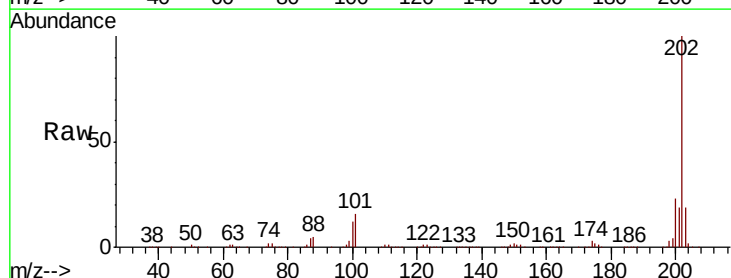
Tgt Ion:202 Resp: 1268010

Ion Ratio Lower Upper

202 100

200 22.9 18.2 27.2

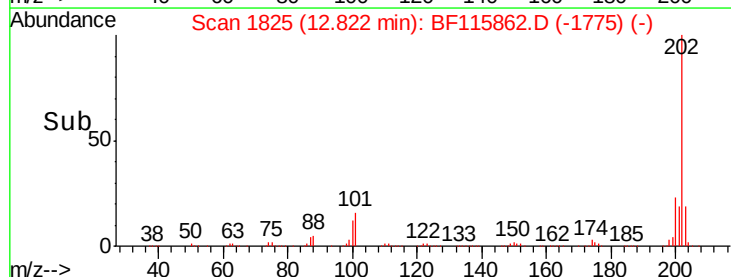
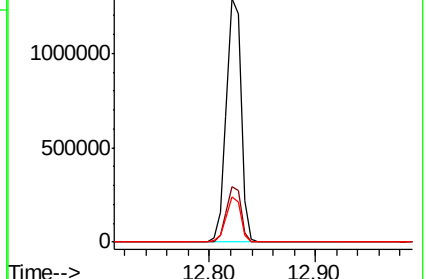
203 18.6 14.3 21.5

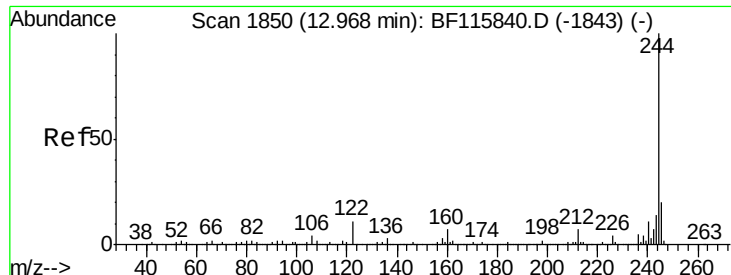


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 79.432 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BF115862.D

Acq: 31 Jul 2019 13:32

Instrument :

BNA_F

ClientSampleId :

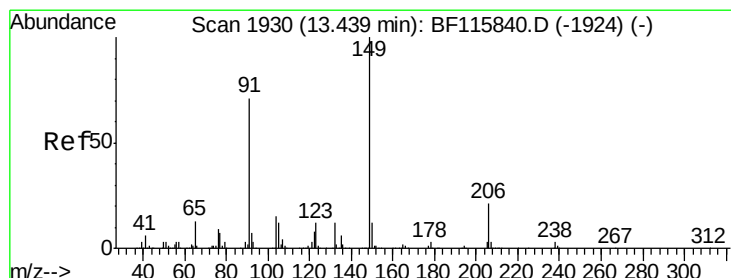
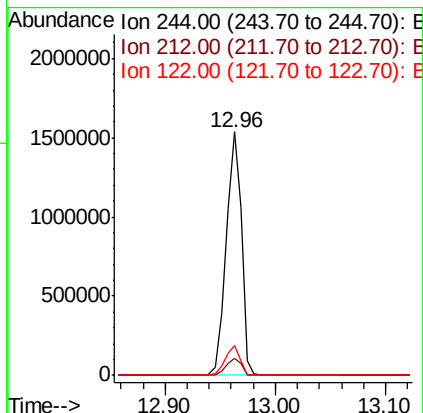
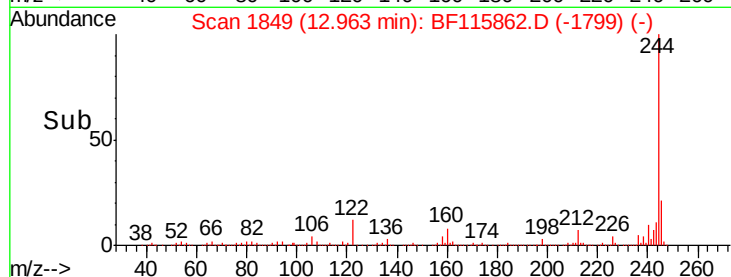
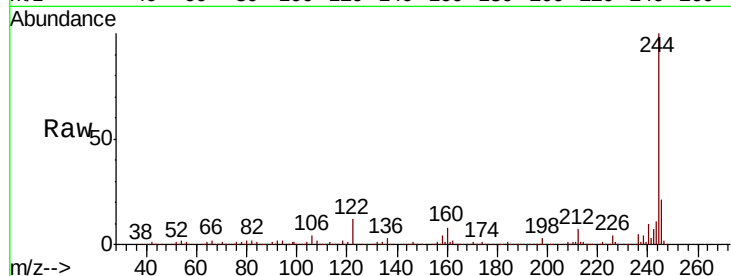
Tot Ion:244 Resp: 1490032

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.6	8.4
122	12.1	8.6	13.0

244 100

212 7.2 5.6 8.4

122 12.1 8.6 13.0



#80

Butylbenzylphthalate

Concen: 41.086 ng

RT: 13.44 min Scan# 1930

Delta R.T. 0.00 min

Lab File: BF115862.D

Acq: 31 Jul 2019 13:32

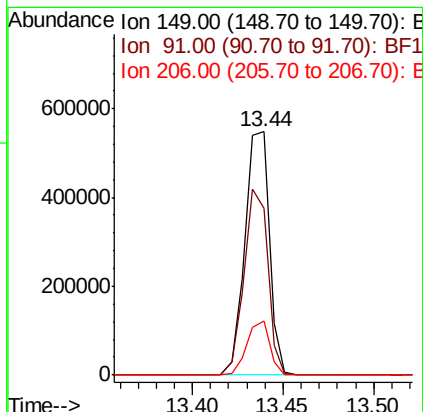
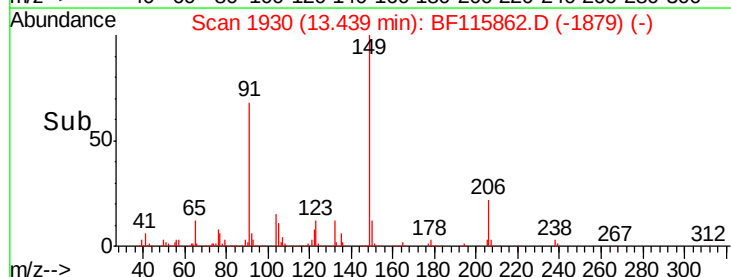
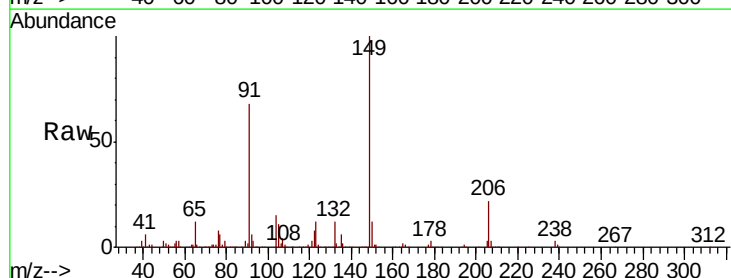
Tgt Ion:149 Resp: 517849

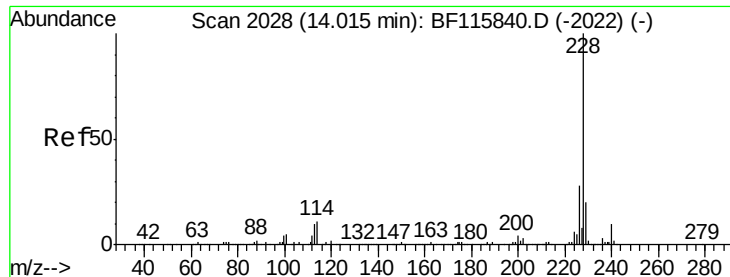
Ion	Ratio	Lower	Upper
149	100		
91	68.3	57.0	85.6
206	22.0	16.9	25.3

149 100

91 68.3 57.0 85.6

206 22.0 16.9 25.3





#81

Benzo(a)anthracene

Concen: 43.021 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF115862.D

Acq: 31 Jul 2019 13:32

Instrument :

BNA_F

ClientSampleId :

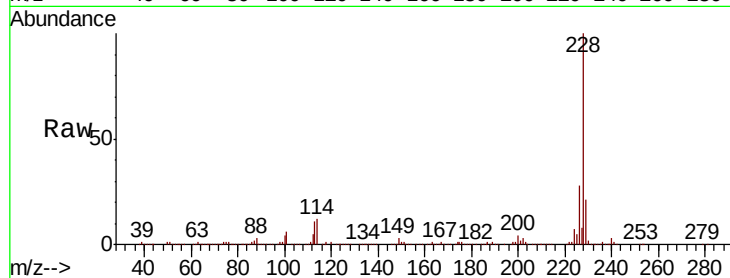
Tot Ion:228 Resp: 1086906

Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.5	33.7
229	20.8	16.1	24.1

228 100

226 28.4 22.5 33.7

229 20.8 16.1 24.1

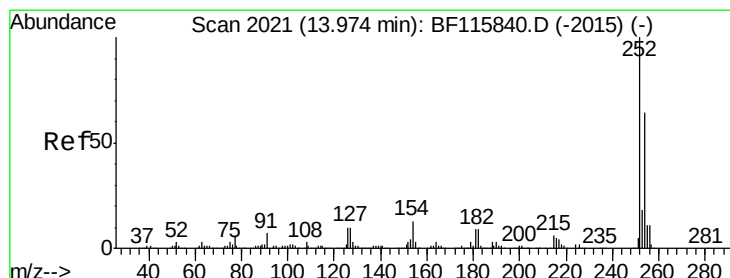
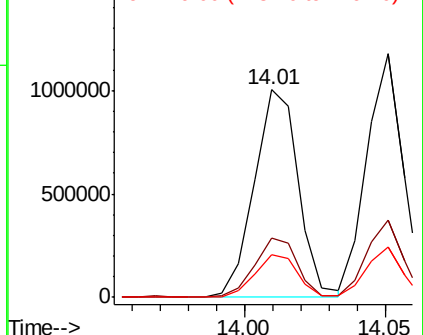
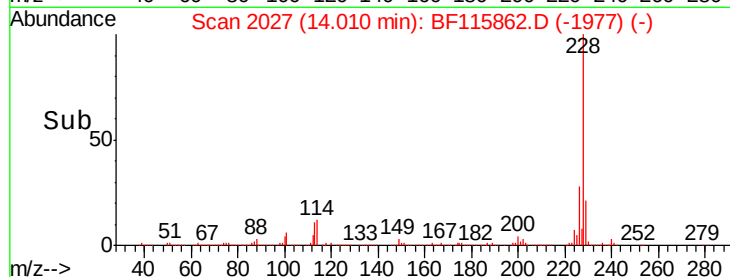


Abundance

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: 29.965 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF115862.D

Acq: 31 Jul 2019 13:32

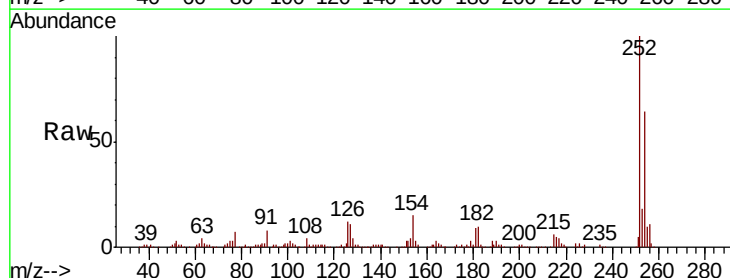
Tgt Ion:252 Resp: 263009

Ion	Ratio	Lower	Upper
252	100		
254	64.4	51.2	76.8
126	11.6	8.1	12.1

252 100

254 64.4 51.2 76.8

126 11.6 8.1 12.1

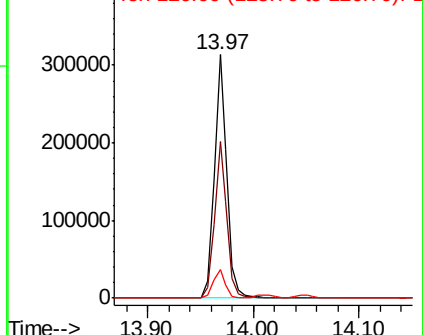
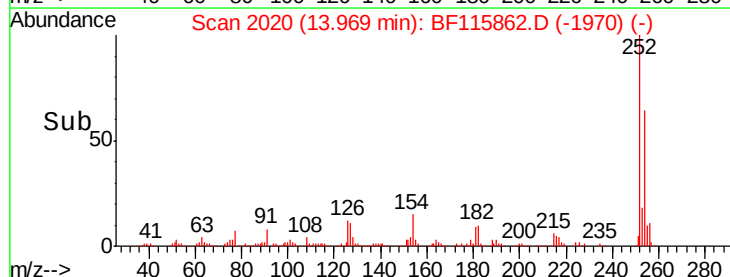


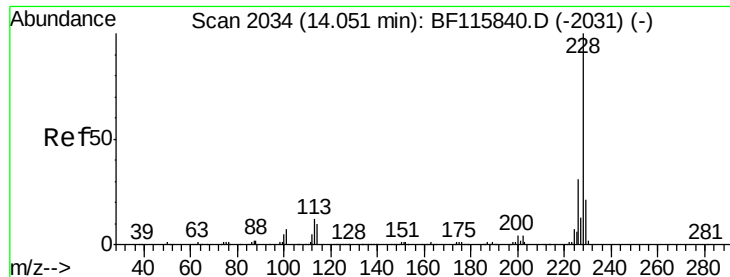
Abundance

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: 42.589 ng

RT: 14.05 min Scan# 2034

Delta R.T. 0.00 min

Lab File: BF115862.D

Acq: 31 Jul 2019 13:32

Instrument :

BNA_F

ClientSampleId :

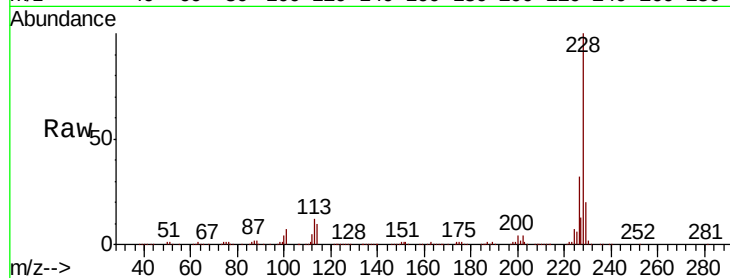
Tot Ion:228 Resp: 1044618

Ion Ratio Lower Upper

228 100

226 31.6 24.8 37.2

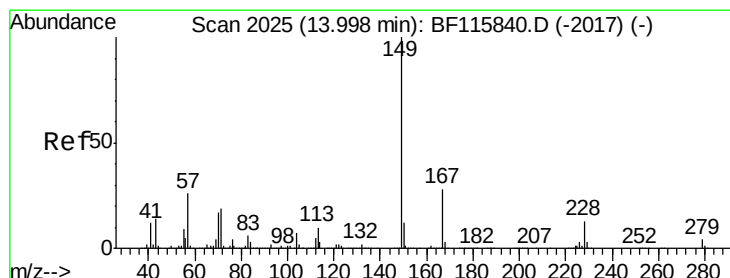
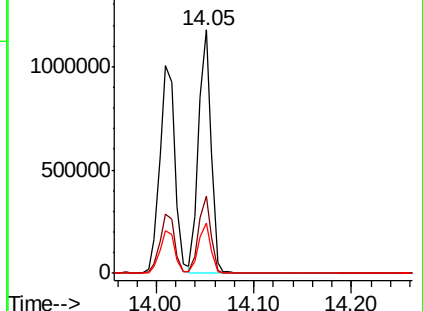
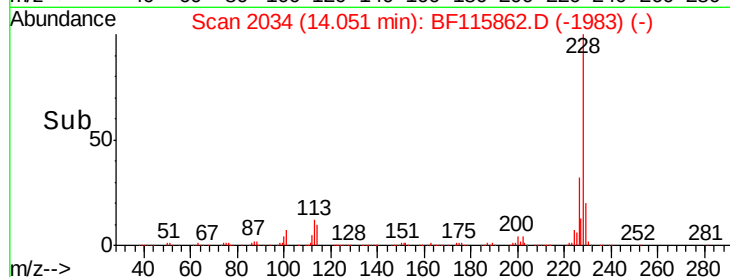
229 20.4 16.4 24.6



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: 41.046 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF115862.D

Acq: 31 Jul 2019 13:32

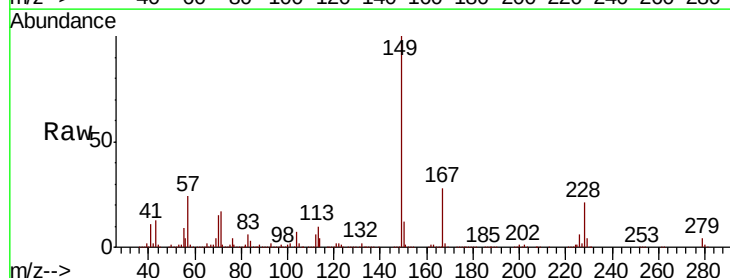
Tgt Ion:149 Resp: 672273

Ion Ratio Lower Upper

149 100

167 27.8 22.4 33.6

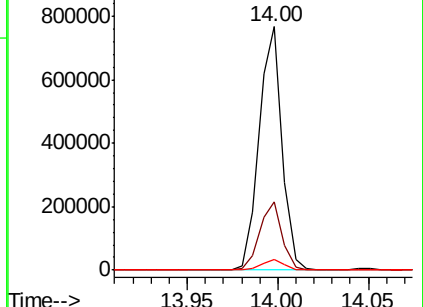
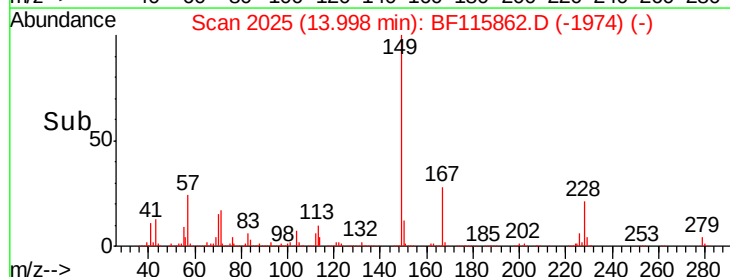
279 4.3 3.3 4.9

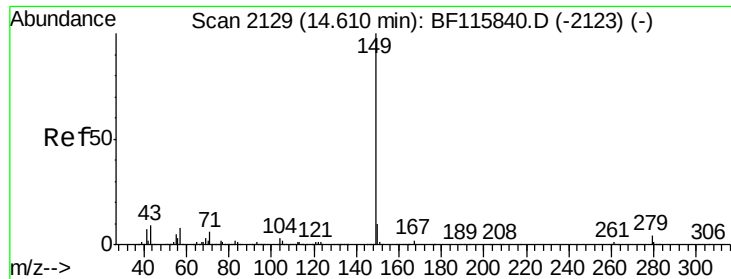


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 42.806 ng

RT: 14.60 min Scan# 2128

Delta R.T. -0.01 min

Lab File: BF115862.D

Acq: 31 Jul 2019 13:32

Instrument :

BNA_F

ClientSampled :

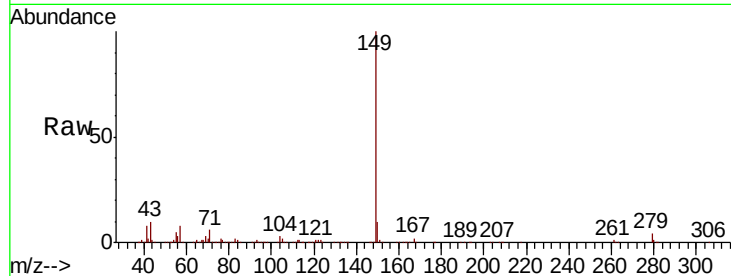
Tot Ion:149 Resp: 1113599

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

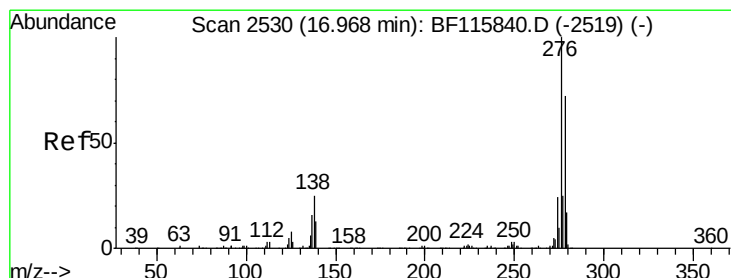
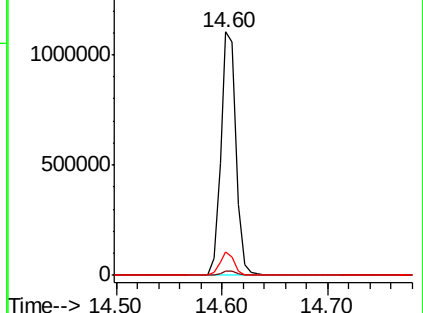
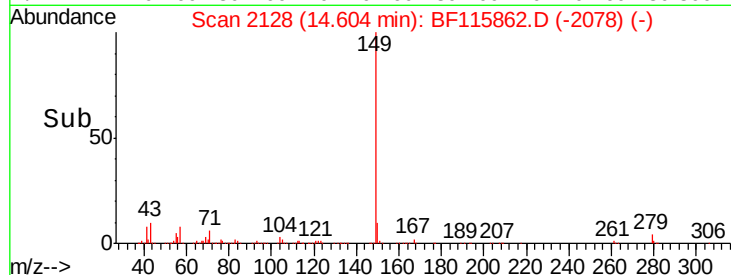
43 9.2 7.4 11.0



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: 44.156 ng

RT: 16.97 min Scan# 2530

Delta R.T. 0.00 min

Lab File: BF115862.D

Acq: 31 Jul 2019 13:32

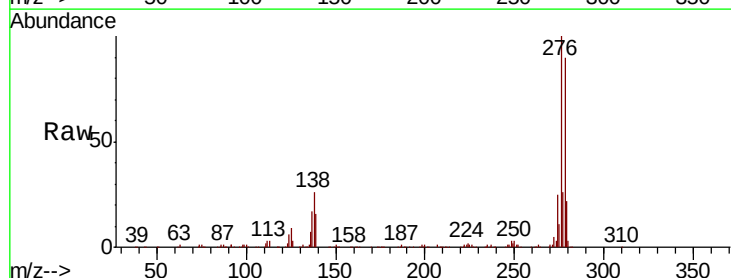
Tgt Ion:276 Resp: 909637

Ion Ratio Lower Upper

276 100

138 24.7 19.6 29.4

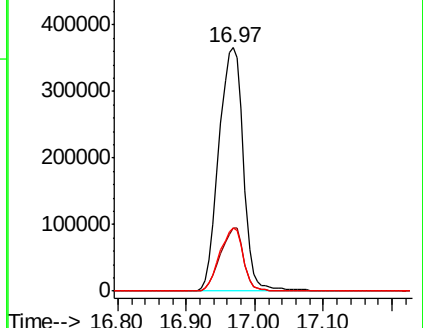
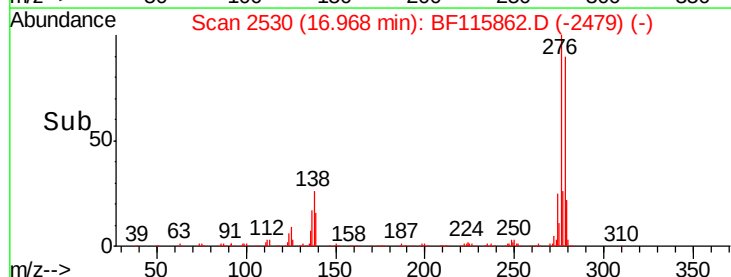
277 25.2 20.1 30.1

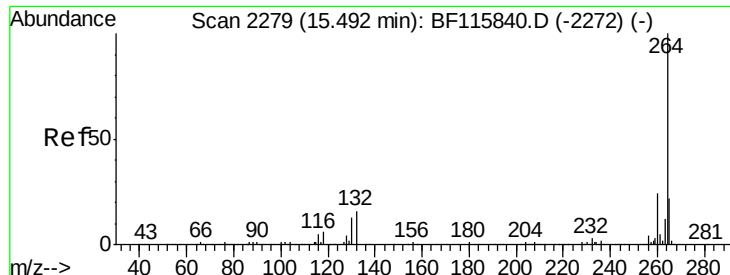


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2278

Delta R.T. -0.01 min

Lab File: BF115862.D

Acq: 31 Jul 2019 13:32

Instrument :

BNA_F

ClientSampleId :

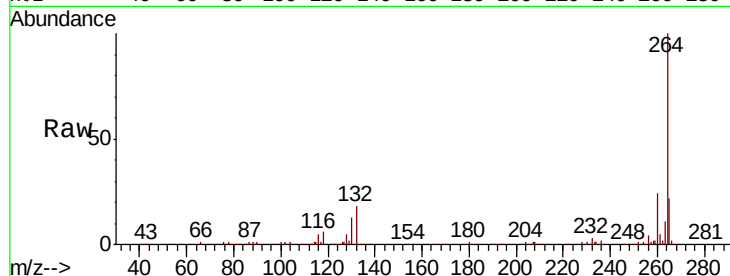
Tot Ion:264 Resp: 373587

Ion Ratio Lower Upper

264 100

260 24.2 19.4 29.2

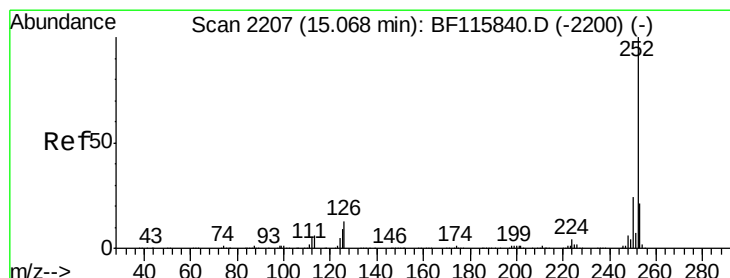
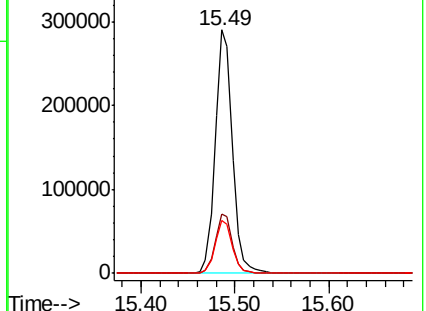
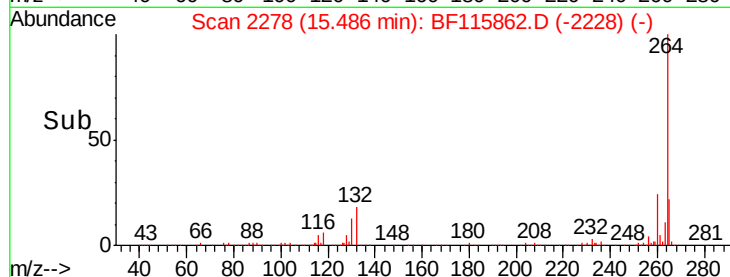
265 22.0 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 43.793 ng

RT: 15.06 min Scan# 2206

Delta R.T. -0.01 min

Lab File: BF115862.D

Acq: 31 Jul 2019 13:32

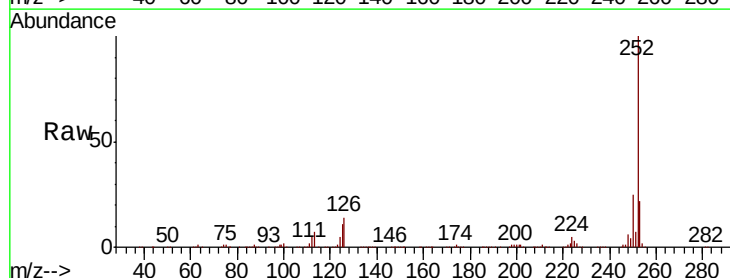
Tgt Ion:252 Resp: 945977

Ion Ratio Lower Upper

252 100

253 22.5 17.2 25.8

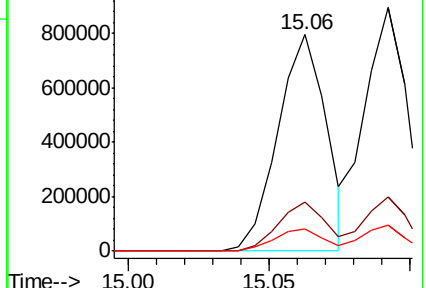
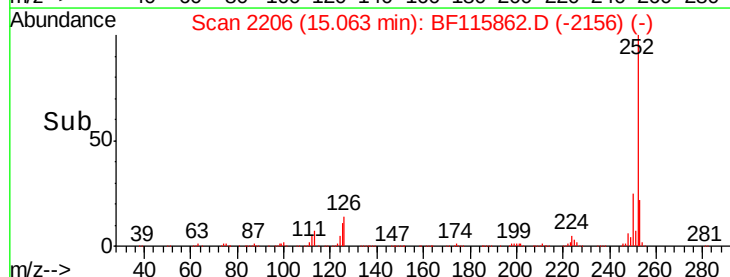
125 10.5 7.4 11.0

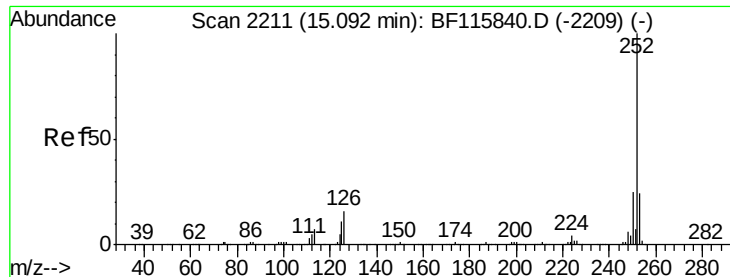


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

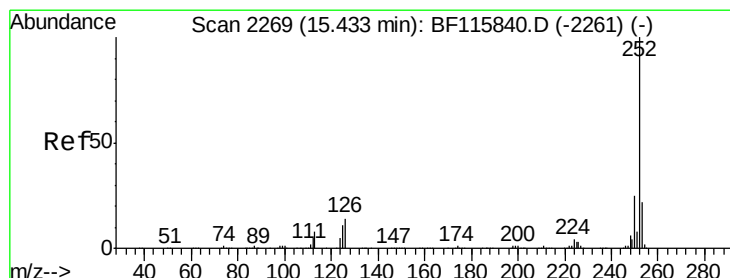
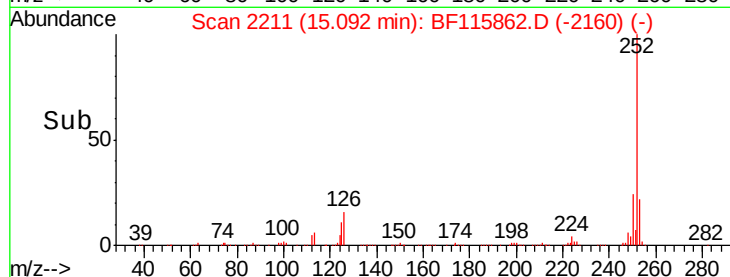
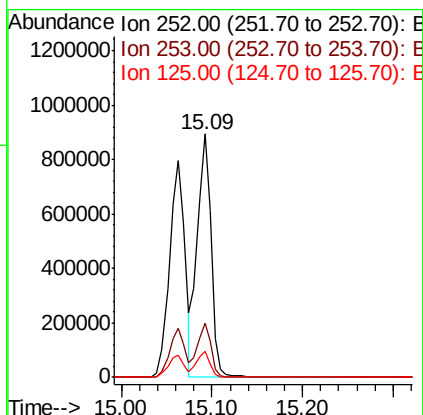
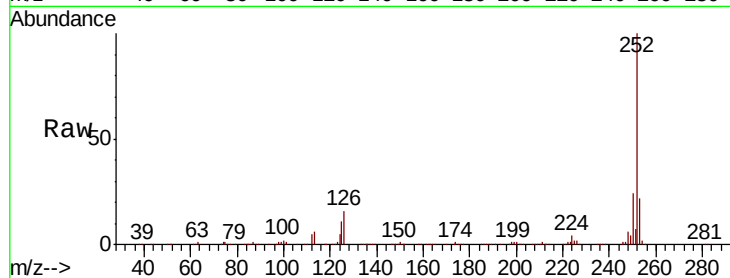




#89
Benzo(k)fluoranthene
Concen: 45.609 ng
RT: 15.09 min Scan# 2211
Delta R.T. 0.00 min
Lab File: BF115862.D
Acq: 31 Jul 2019 13:32

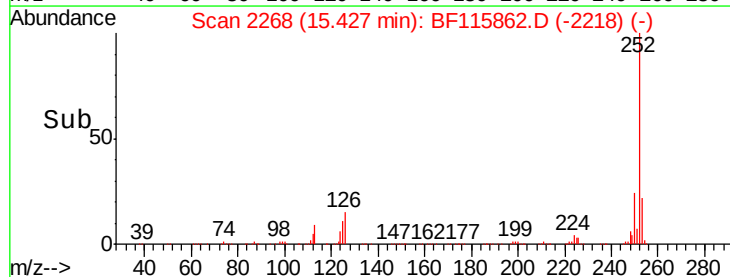
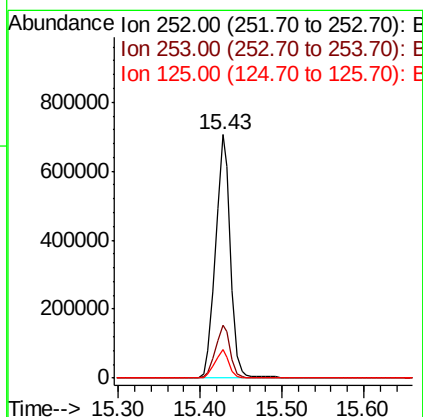
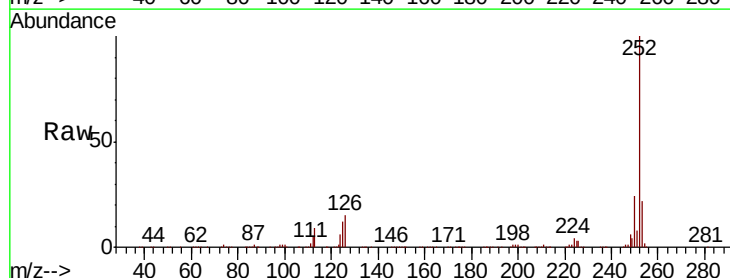
Instrument :
BNA_F
ClientSampled :

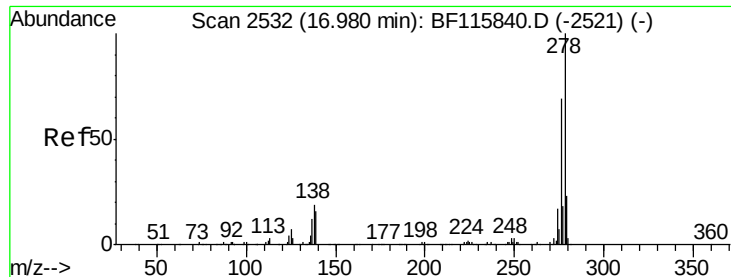
Tot Ion:252 Resp: 959604
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.4
125 10.6 8.9 13.3



#90
Benzo(a)pyrene
Concen: 46.566 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF115862.D
Acq: 31 Jul 2019 13:32

Tgt Ion:252 Resp: 899180
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.6
125 11.5 8.8 13.2

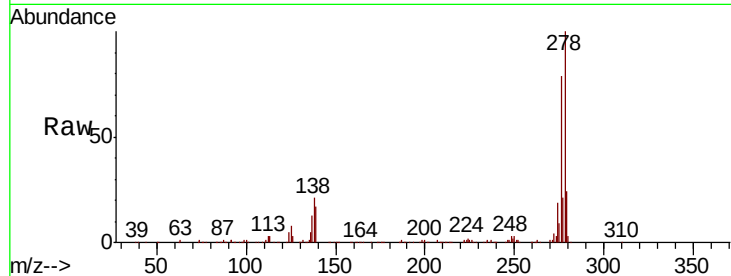




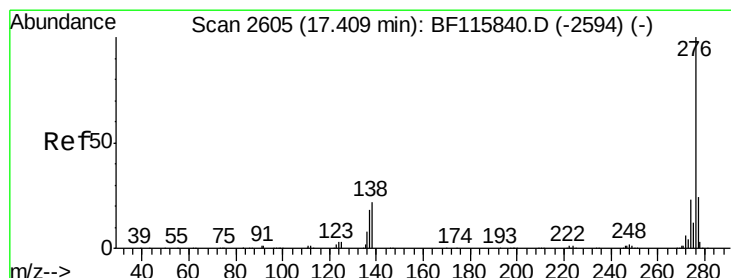
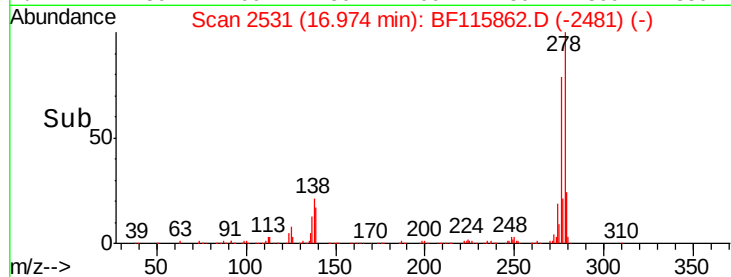
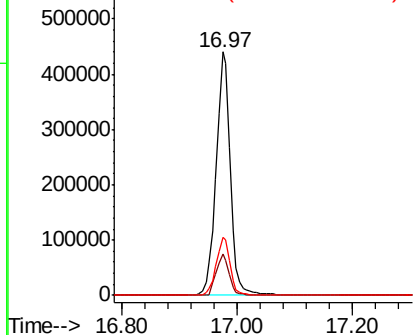
#91
Dibenzo(a,h)anthracene
Concen: 45.241 ng
RT: 16.97 min Scan# 2531
Delta R.T. -0.01 min
Lab File: BF115862.D
Acq: 31 Jul 2019 13:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 756189
Ion Ratio Lower Upper
278 100
139 16.8 12.6 19.0
279 23.6 18.8 28.2

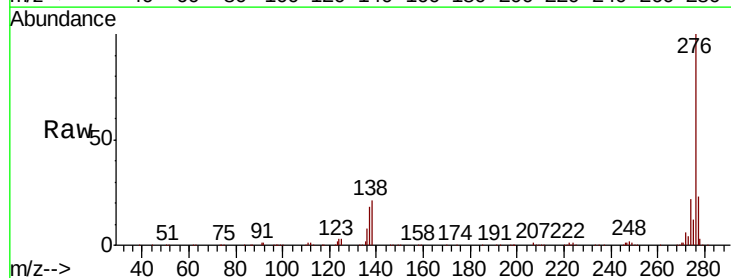


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 45.903 ng
RT: 17.41 min Scan# 2605
Delta R.T. 0.00 min
Lab File: BF115862.D
Acq: 31 Jul 2019 13:32

Tgt Ion:276 Resp: 753527
Ion Ratio Lower Upper
276 100
277 23.4 19.5 29.3
138 21.0 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

