

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080219\
 Data File : BF115936.D
 Acq On : 2 Aug 2019 10:27
 Operator : HP/JU
 Sample : PB121887BSD
 Misc : LOO-WATER-10PPM
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB121887BSD

Quant Time: Aug 02 16:42:32 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	147559	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	619220	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	322279	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	627115	20.00	ng	0.00
76) Chrysene-d12	14.03	240	439806	20.00	ng	0.00
87) Perylene-d12	15.50	264	288583	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	782511	88.78	ng	0.02
7) Phenol-d6	6.49	99	985876	88.65	ng	0.00
23) Nitrobenzene-d5	7.42	82	916123	85.40	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	285884	91.50	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1596135	92.77	ng	0.00
79) Terphenyl-d14	12.97	244	1810602	86.75	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.72	88	167102	37.526	ng	99
3) Pyridine	3.46	79	390197	31.369	ng	100
4) n-Nitrosodimethylamine	3.41	42	198129	40.361	ng	99
6) Aniline	6.52	93	412857	25.923	ng	97
8) 2-Chlorophenol	6.65	128	442167	45.364	ng	98
9) Benzaldehyde	6.40	77	51760	6.745	ng	99
10) Phenol	6.50	94	561242	42.856	ng	95
11) bis(2-Chloroethyl)ether	6.59	93	419812	43.602	ng	98
12) 1,3-Dichlorobenzene	6.79	146	438414	38.920	ng	98
13) 1,4-Dichlorobenzene	6.87	146	451427	40.024	ng	100
14) 1,2-Dichlorobenzene	7.03	146	419044	40.349	ng	99
15) Benzyl Alcohol	7.00	79	380256	45.056	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	560420	42.672	ng	95
17) 2-Methylphenol	7.11	107	375468	45.493	ng	97
18) Hexachloroethane	7.36	117	168545	40.588	ng	95
19) n-Nitroso-di-n-propylamine	7.27	70	303280	44.009	ng	99
20) 3+4-Methylphenols	7.26	107	442929	45.351	ng	# 87
22) Acetophenone	7.26	105	598491	44.070	ng	97
24) Nitrobenzene	7.43	77	487598	42.096	ng	99
25) Isophorone	7.67	82	901119	43.930	ng	100
26) 2-Nitrophenol	7.75	139	243326	44.565	ng	99
27) 2,4-Dimethylphenol	7.79	122	402283	48.972	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	540737	42.531	ng	99
29) 2,4-Dichlorophenol	8.00	162	389354	44.890	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	404650	40.928	ng	98
31) Naphthalene	8.16	128	1257462	43.154	ng	100
32) Benzoic acid	7.95	122	272927	47.125	ng	97
33) 4-Chloroaniline	8.20	127	330421	25.379	ng	100
34) Hexachlorobutadiene	8.27	225	228246	40.079	ng	98
35) Caprolactam	8.59	113	80692	28.765	ng	99
36) 4-Chloro-3-methylphenol	8.70	107	415588	46.058	ng	97
37) 2-Methylnaphthalene	8.85	142	860042	44.816	ng	100
38) 1-Methylnaphthalene	8.95	142	805065	44.344	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	394039	45.734	ng	99

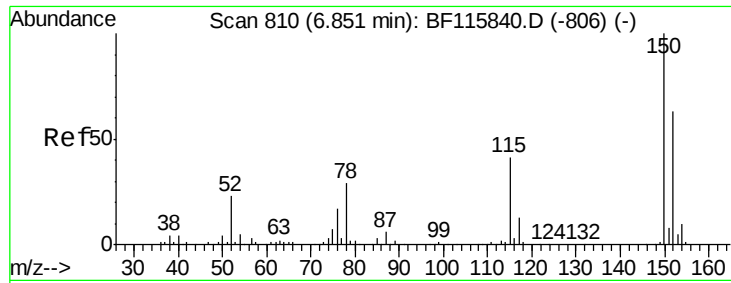
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080219\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	192454	51.996	ng	99
43) 2,4,6-Trichlorophenol	9.14	196	266429	44.926	ng	99
44) 2,4,5-Trichlorophenol	9.19	196	279765	45.637	ng	99
46) 1,1'-Biphenyl	9.32	154	1044131	45.890	ng	100
47) 2-Chloronaphthalene	9.35	162	824002	43.513	ng	98
48) 2-Nitroaniline	9.44	65	271891	43.437	ng	90
49) Acenaphthylene	9.76	152	1254609	45.412	ng	100
50) Dimethylphthalate	9.62	163	1002246	45.674	ng	100
51) 2,6-Dinitrotoluene	9.69	165	223971	46.967	ng	95
52) Acenaphthene	9.93	154	755623	44.582	ng	99
53) 3-Nitroaniline	9.85	138	193148	32.779	ng	92
54) 2,4-Dinitrophenol	9.97	184	206193	84.523	ng	93
55) Dibenzofuran	10.10	168	1129194	45.812	ng	97
56) 4-Nitrophenol	10.03	139	332424	88.068	ng	99
57) 2,4-Dinitrotoluene	10.09	165	293511	46.228	ng	95
58) Fluorene	10.45	166	866204	45.677	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.23	232	235916	45.743	ng	100
60) Diethylphthalate	10.32	149	957727	46.748	ng	99
61) 4-Chlorophenyl-phenylether	10.43	204	436095	45.407	ng	97
62) 4-Nitroaniline	10.47	138	243972	40.065	ng	98
63) Azobenzene	10.60	77	966056	45.845	ng	97
65) 4,6-Dinitro-2-methylphenol	10.50	198	147406	44.355	ng	90
66) n-Nitrosodiphenylamine	10.56	169	791101	41.911	ng	100
67) 4-Bromophenyl-phenylether	10.93	248	276499	41.187	ng	94
68) Hexachlorobenzene	11.00	284	308836	39.784	ng	94
69) Atrazine	11.09	200	230605	37.136	ng	98
70) Pentachlorophenol	11.20	266	317984	84.372	ng	98
71) Phenanthrene	11.41	178	1310315	40.871	ng	100
72) Anthracene	11.46	178	1322419	40.758	ng	99
73) Carbazole	11.62	167	1209352	41.084	ng	100
74) Di-n-butylphthalate	11.94	149	1477593	43.030	ng	99
75) Fluoranthene	12.60	202	1369457	40.802	ng	97
77) Benzidine	12.72	184	236796	15.937	ng	97
78) Pyrene	12.83	202	1400286	42.237	ng	100
80) Butylbenzylphthalate	13.44	149	633265	45.156	ng	99
81) Benzo(a)anthracene	14.02	228	1170093	41.624	ng	100
82) 3,3'-Dichlorobenzidine	13.97	252	358990	36.758	ng	# 99
83) Chrysene	14.06	228	1154935	42.319	ng	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	866504	47.547	ng	99
85) Di-n-octyl phthalate	14.62	149	1392081	48.092	ng	99
86) Indeno(1,2,3-cd)pyrene	16.99	276	954753	41.653	ng	99
88) Benzo(b)fluoranthene	15.07	252	1045357	62.648	ng	97
89) Benzo(k)fluoranthene	15.10	252	1016999	62.575	ng	99
90) Benzo(a)pyrene	15.44	252	960377	64.385	ng	99
91) Dibenzo(a,h)anthracene	17.00	278	808292	62.602	ng	99
92) Benzo(g,h,i)perylene	17.43	276	783833	61.815	ng	99

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

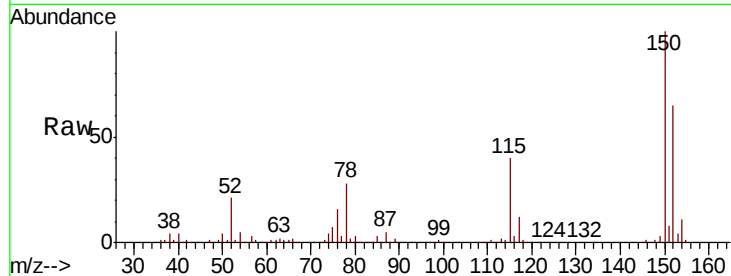


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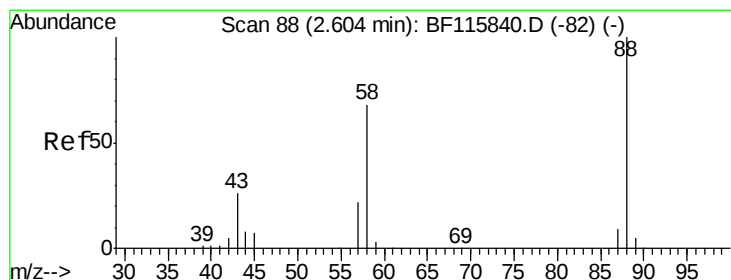
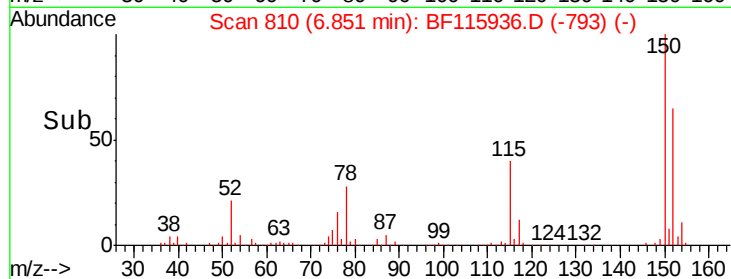
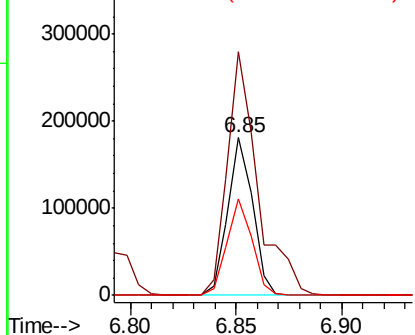
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF115936.D
Acq: 2 Aug 2019 10:27

Instrument :
BNA_F
ClientSampleId :
PB121887BSD

Tot Ion:152 Resp: 147559
Ion Ratio Lower Upper
152 100
150 154.8 127.4 191.0
115 61.4 51.8 77.8



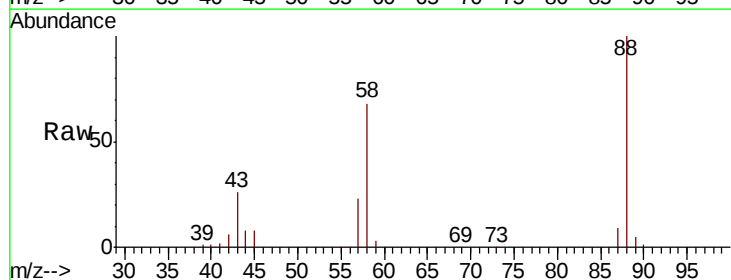
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



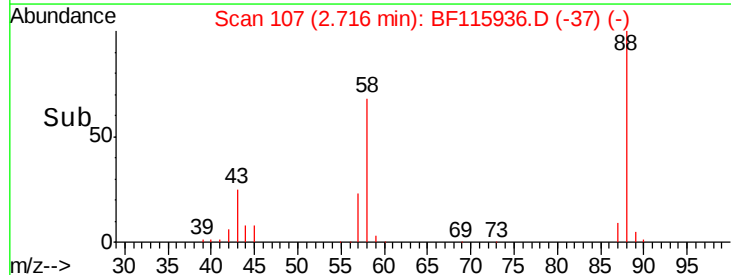
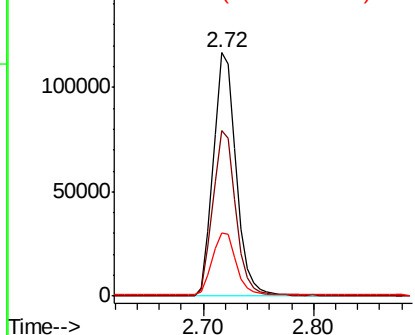
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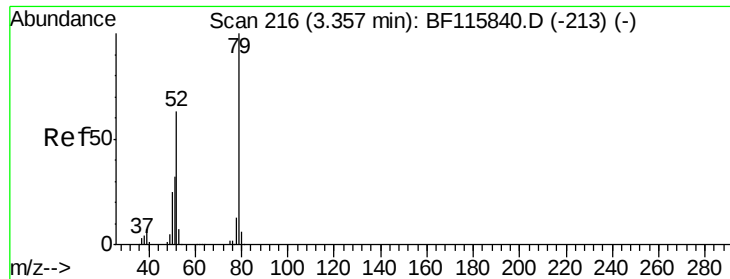
1,4-Dioxane
Concen: 37.526 ng
RT: 2.72 min Scan# 107
Delta R.T. 0.11 min
Lab File: BF115936.D
Acq: 2 Aug 2019 10:27

Tgt Ion: 88 Resp: 167102
Ion Ratio Lower Upper
88 100
58 68.3 54.1 81.1
43 26.6 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: 31.369 ng

RT: 3.46 min Scan# 233

Delta R.T. 0.10 min

Lab File: BF115936.D

Acq: 2 Aug 2019 10:27

Instrument :

BNA_F

ClientSampleId :

PB121887BSD

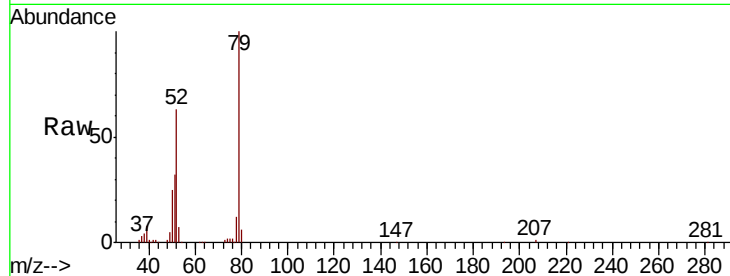
Tot Ion: 79 Resp: 390197

Ion Ratio Lower Upper

79 100

52 62.7 50.2 75.4

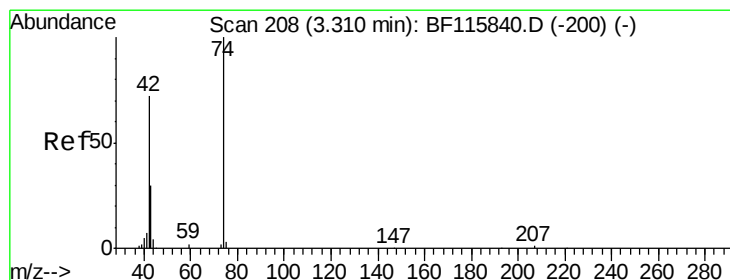
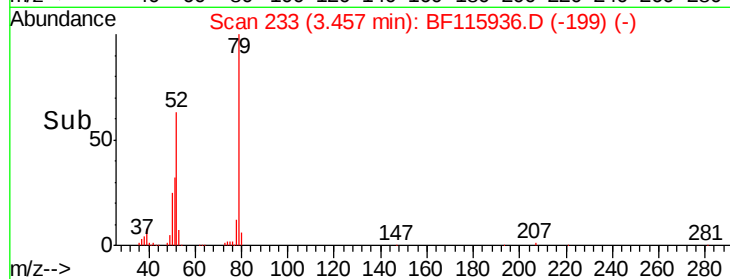
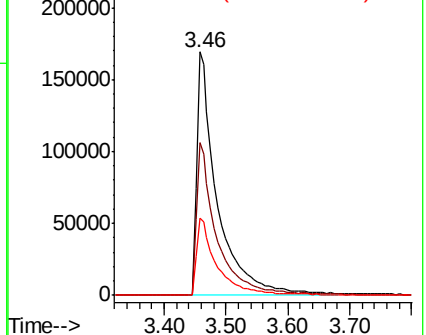
51 31.8 25.8 38.6



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 40.361 ng

RT: 3.41 min Scan# 225

Delta R.T. 0.10 min

Lab File: BF115936.D

Acq: 2 Aug 2019 10:27

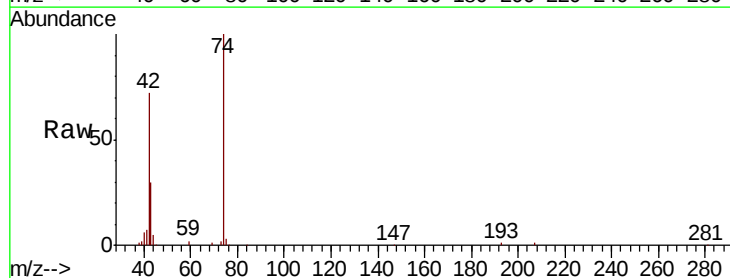
Tgt Ion: 42 Resp: 198129

Ion Ratio Lower Upper

42 100

74 139.7 111.0 166.4

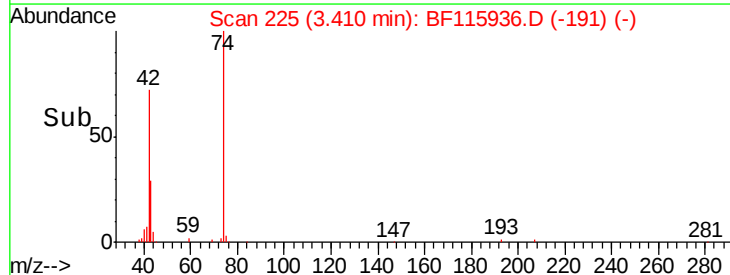
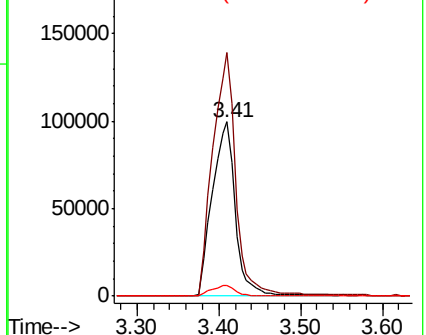
44 6.3 4.7 7.1

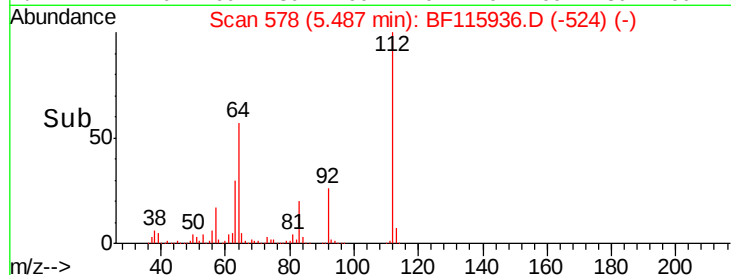
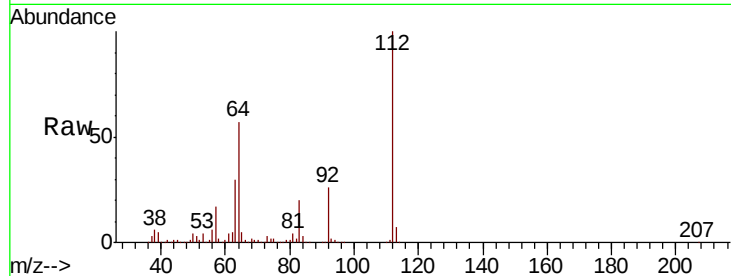
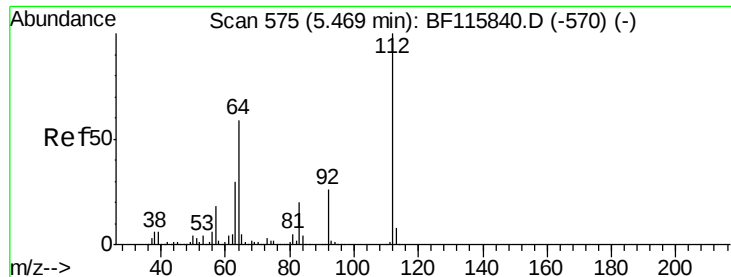


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1

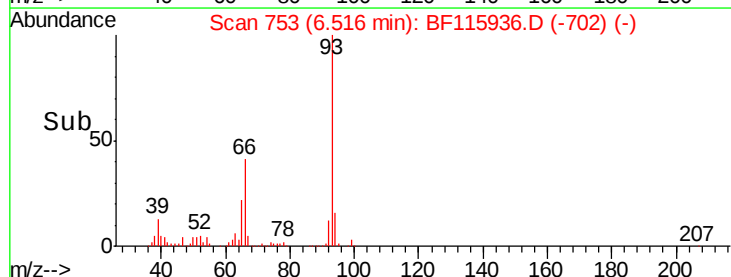
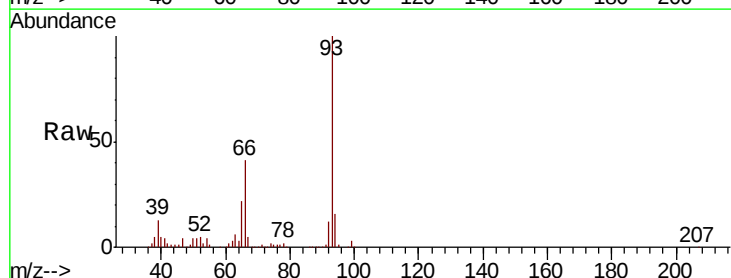
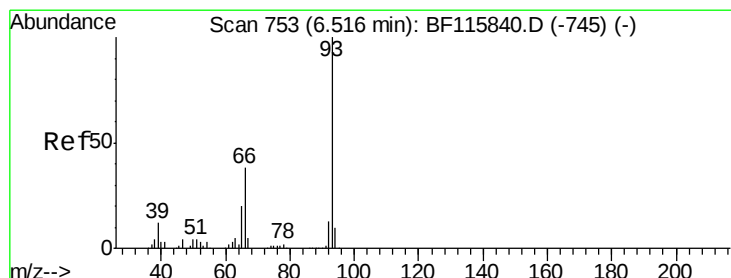
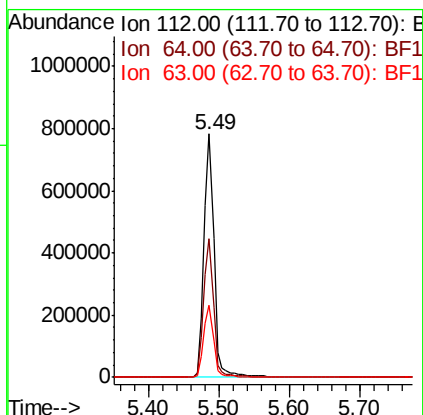




#5
2-Fluorophenol
Concen: 88.776 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.02 min
Lab File: BF115936.D
Acq: 2 Aug 2019 10:27

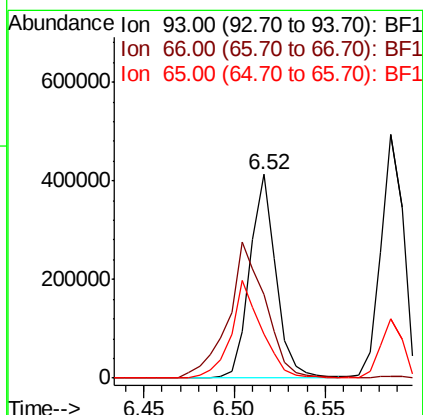
Instrument :
BNA_F
ClientSampleId :
PB121887BSD

Tot Ion:112 Resp: 782511
Ion Ratio Lower Upper
112 100
64 57.0 46.8 70.2
63 29.7 24.2 36.2



#6
Aniline
Concen: 25.923 ng
RT: 6.52 min Scan# 753
Delta R.T. 0.00 min
Lab File: BF115936.D
Acq: 2 Aug 2019 10:27

Tgt Ion: 93 Resp: 412857
Ion Ratio Lower Upper
93 100
66 40.9 31.4 47.0
65 21.7 16.5 24.7





#7

Phenol-d6

Concen: 88.650 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF115936.D

Acq: 2 Aug 2019 10:27

Instrument :

BNA_F

ClientSampleId :

PB121887BSD

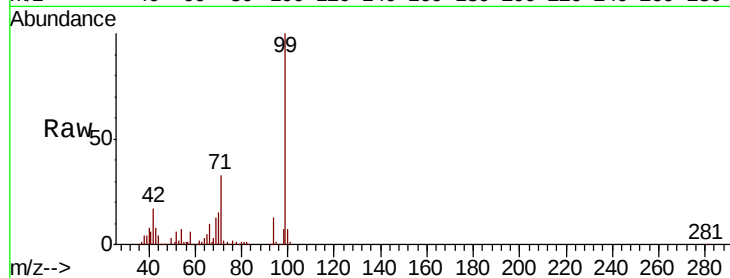
Tot Ion: 99 Resp: 985876

Ion Ratio Lower Upper

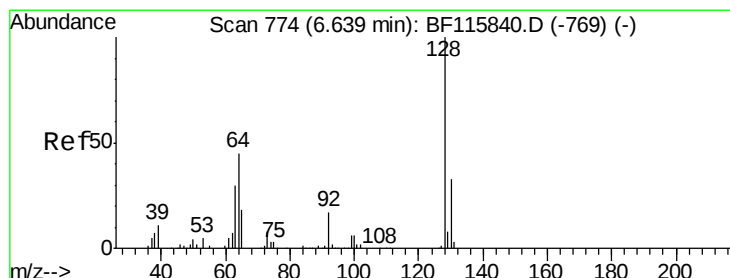
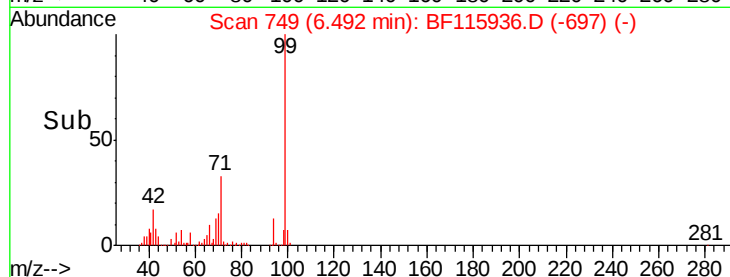
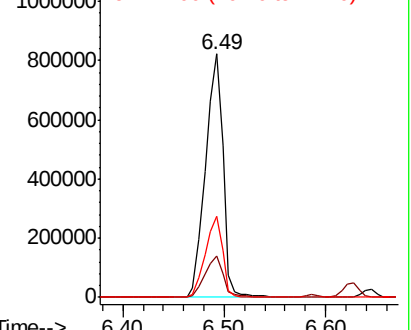
99 100

42 16.9 13.8 20.6

71 33.4 27.1 40.7



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



#8

2-Chlorophenol

Concen: 45.364 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF115936.D

Acq: 2 Aug 2019 10:27

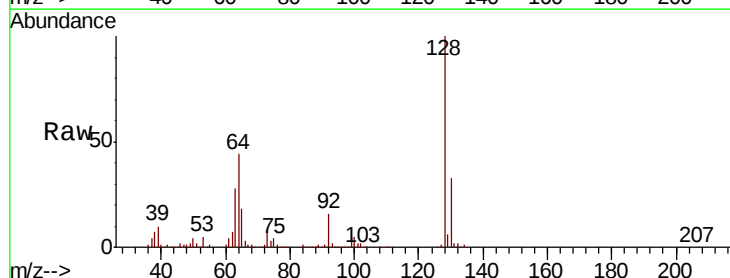
Tgt Ion: 128 Resp: 442167

Ion Ratio Lower Upper

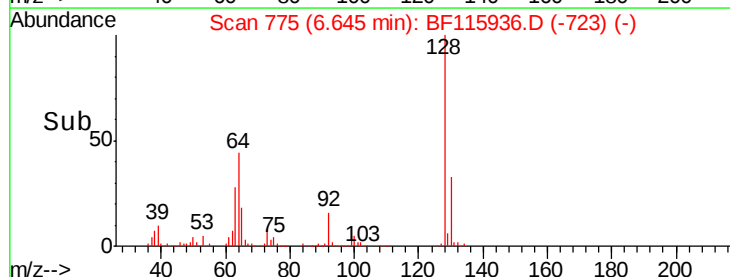
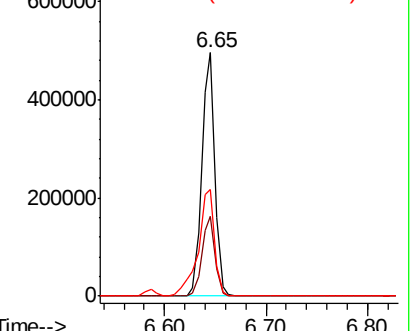
128 100

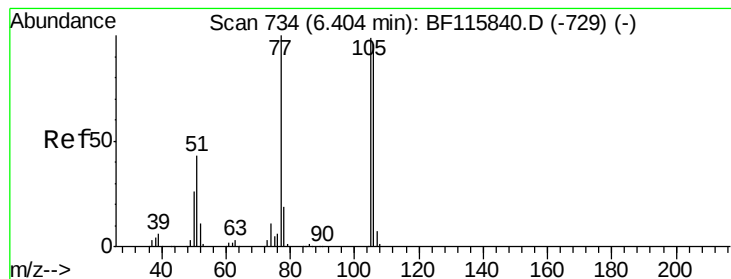
130 32.7 12.9 52.9

64 43.6 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: 6.745 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF115936.D

Acq: 2 Aug 2019 10:27

Instrument :

BNA_F

ClientSampleId :

PB121887BSD

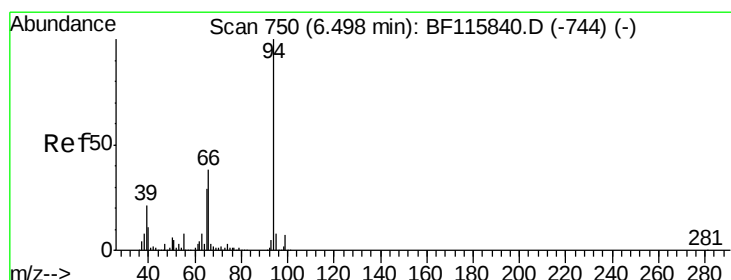
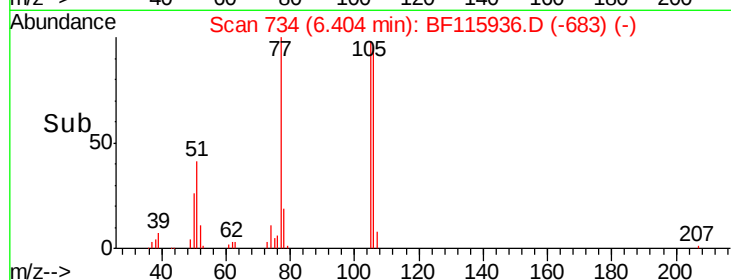
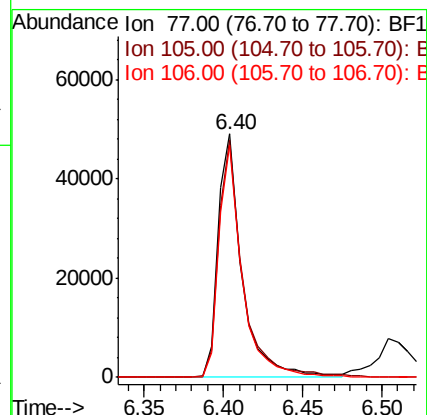
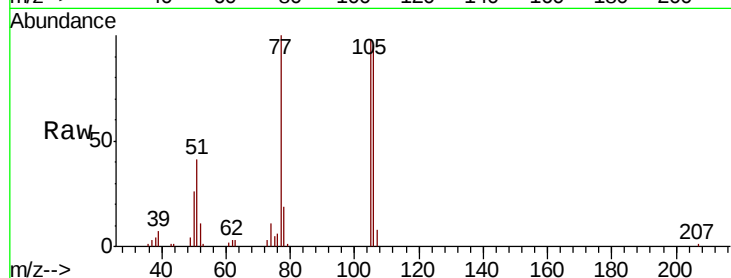
Tot Ion: 77 Resp: 51760

Ion Ratio Lower Upper

77 100

105 97.6 79.0 119.0

106 95.5 76.2 116.2



#10

Phenol

Concen: 42.856 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF115936.D

Acq: 2 Aug 2019 10:27

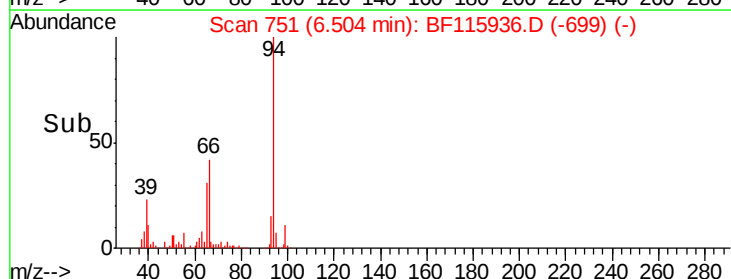
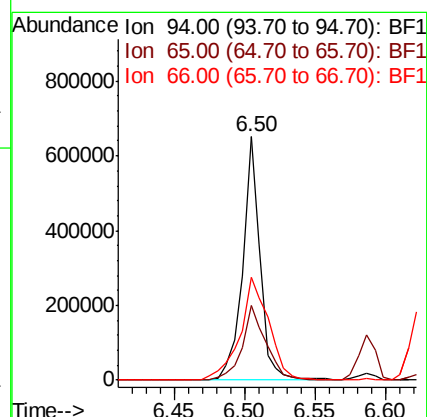
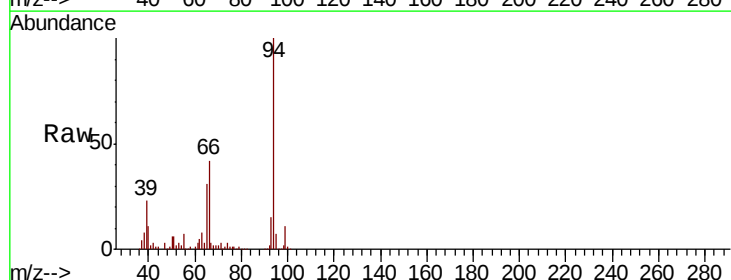
Tgt Ion: 94 Resp: 561242

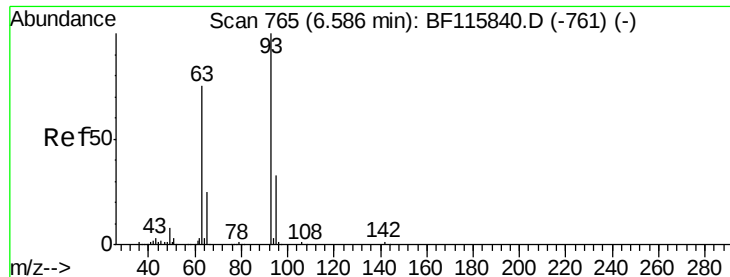
Ion Ratio Lower Upper

94 100

65 30.5 8.9 48.9

66 42.2 18.0 58.0

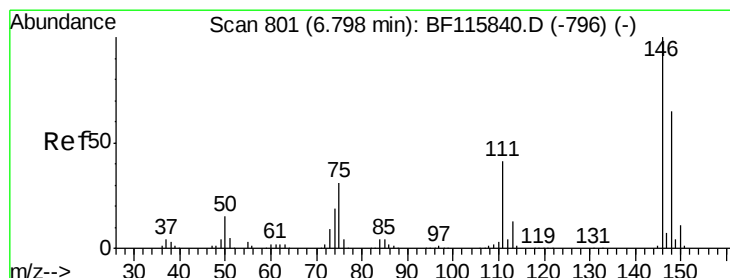
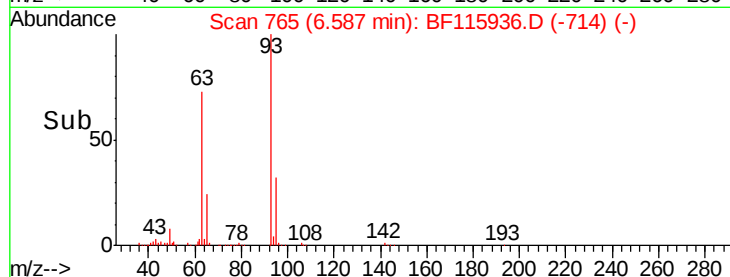
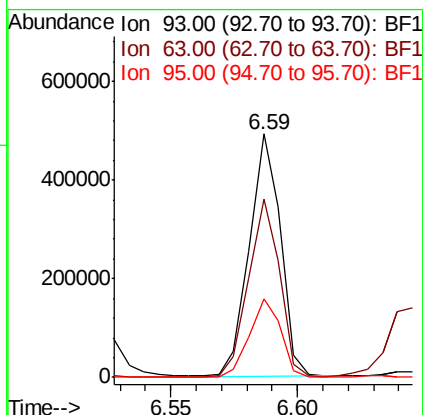
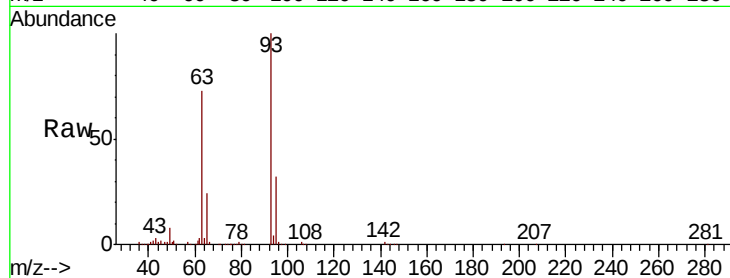




#11
bis(2-Chloroethyl)ether
Concen: 43.602 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF115936.D
Acq: 2 Aug 2019 10:27

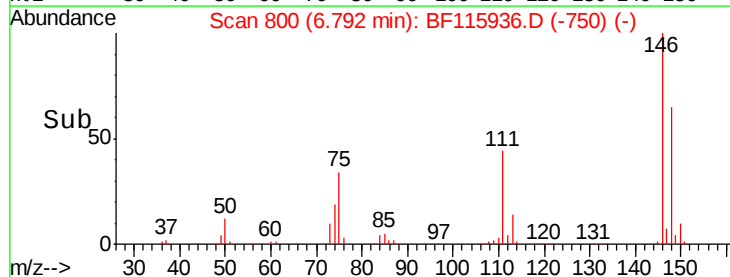
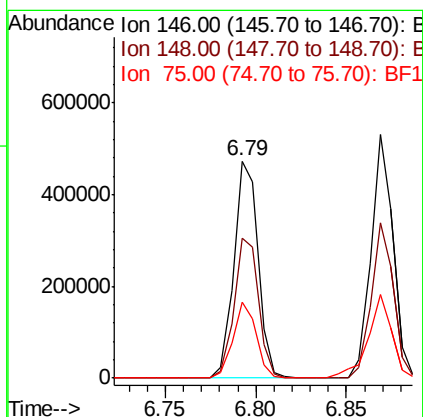
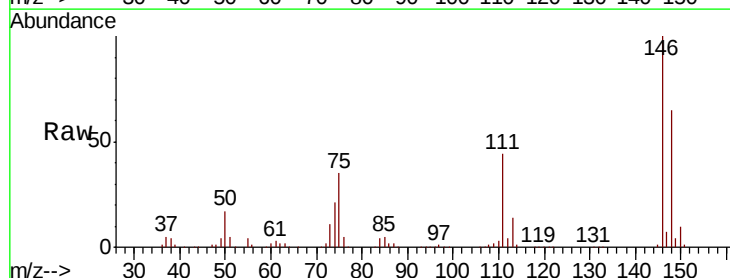
Instrument :
BNA_F
ClientSampleId :
PB121887BSD

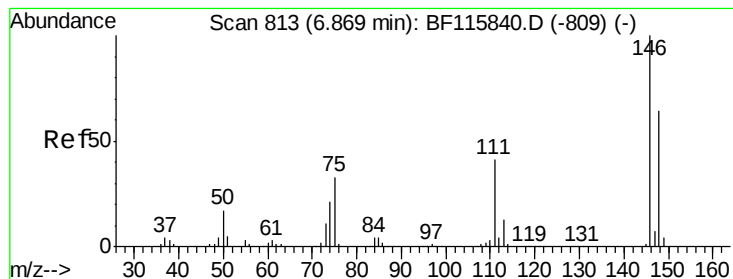
Tot Ion: 93 Resp: 419812
Ion Ratio Lower Upper
93 100
63 73.5 54.9 94.9
95 32.4 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 38.920 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF115936.D
Acq: 2 Aug 2019 10:27

Tgt Ion: 146 Resp: 438414
Ion Ratio Lower Upper
146 100
148 64.8 52.1 78.1
75 34.8 25.0 37.6





#13

1,4-Dichlorobenzene

Concen: 40.024 ng

RT: 6.87 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF115936.D

Acq: 2 Aug 2019 10:27

Instrument :

BNA_F

ClientSampleId :

PB121887BSD

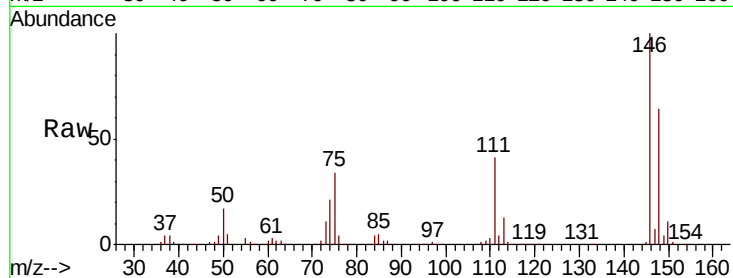
Tot Ion:146 Resp: 451427

Ion Ratio Lower Upper

146 100

148 63.9 51.2 76.8

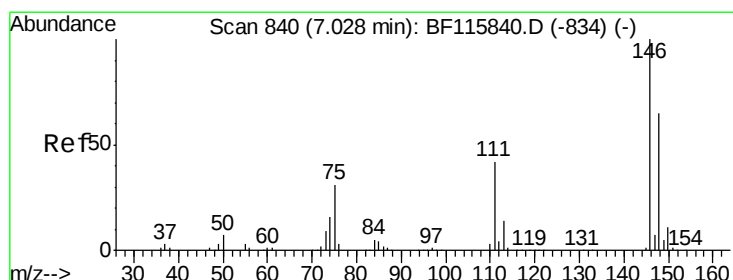
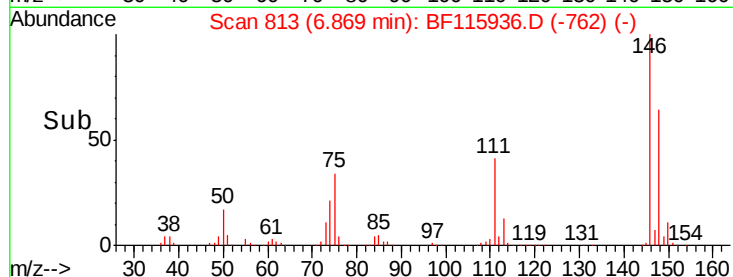
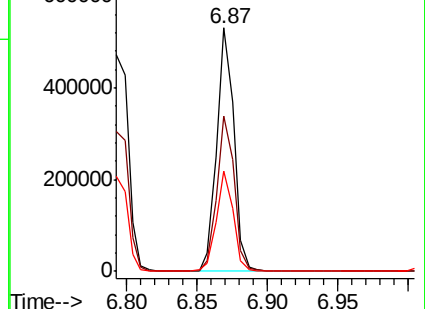
111 41.1 33.2 49.8



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: 40.349 ng

RT: 7.03 min Scan# 840

Delta R.T. 0.00 min

Lab File: BF115936.D

Acq: 2 Aug 2019 10:27

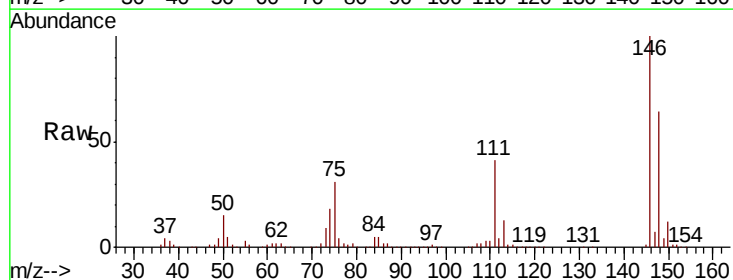
Tgt Ion:146 Resp: 419044

Ion Ratio Lower Upper

146 100

148 64.3 51.6 77.4

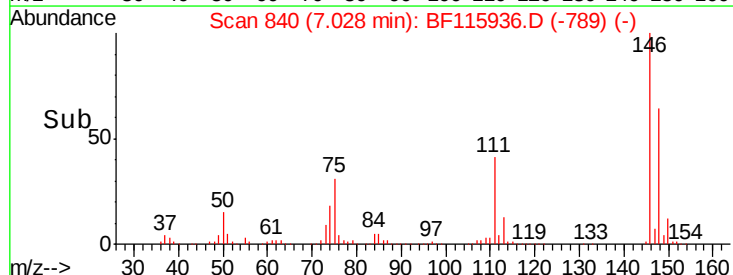
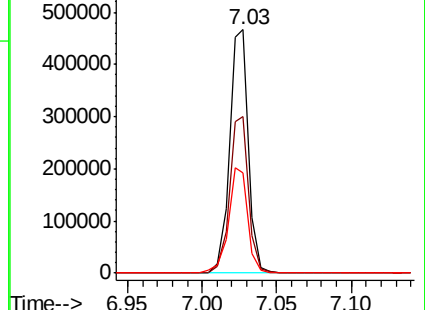
111 41.0 33.6 50.4

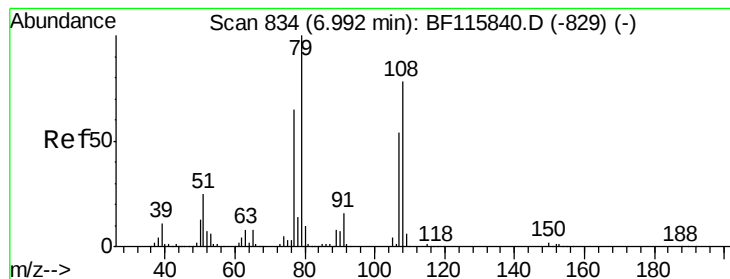


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 45.056 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.01 min

Lab File: BF115936.D

Acq: 2 Aug 2019 10:27

Instrument :

BNA_F

ClientSampleId :

PB121887BSD

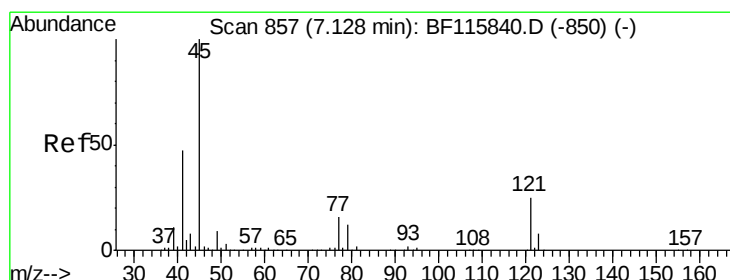
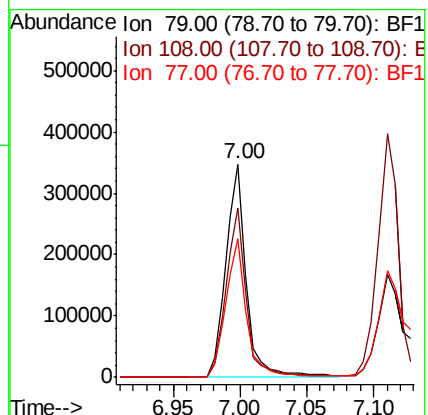
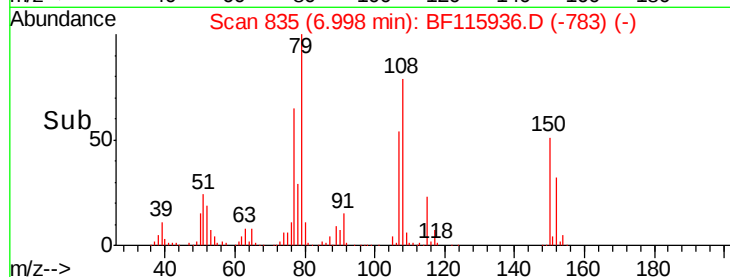
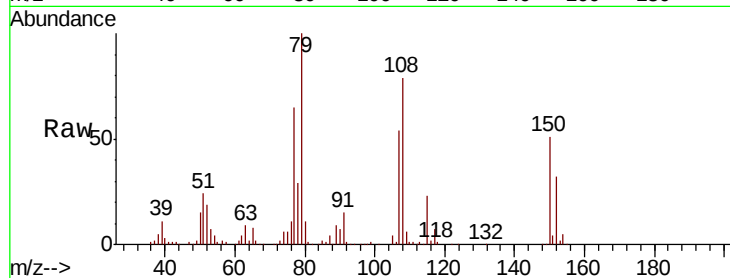
Tot Ion: 79 Resp: 380256

Ion Ratio Lower Upper

79 100

108 79.3 62.8 94.2

77 65.3 52.0 78.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.672 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF115936.D

Acq: 2 Aug 2019 10:27

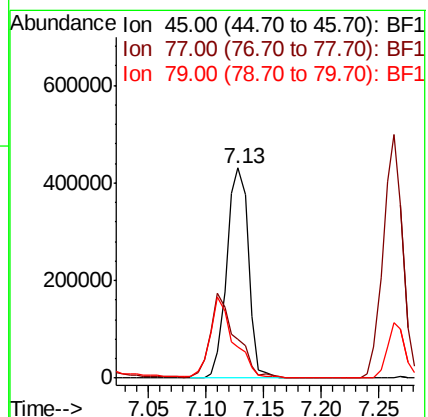
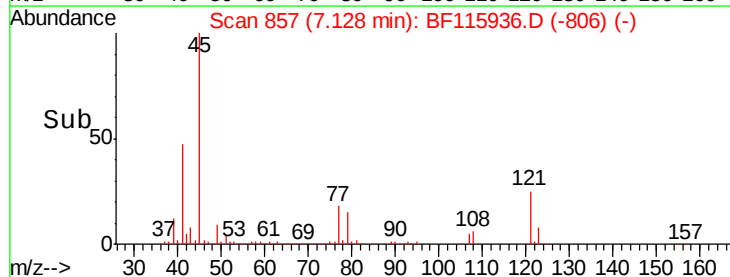
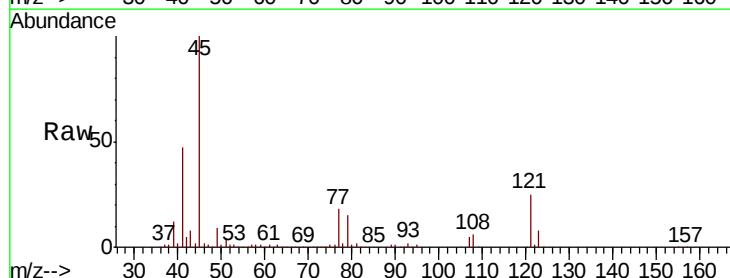
Tgt Ion: 45 Resp: 560420

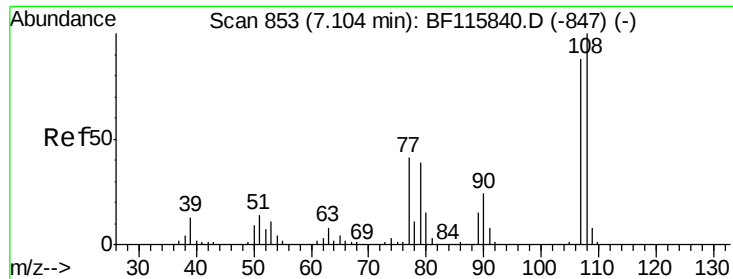
Ion Ratio Lower Upper

45 100

77 18.3 0.0 36.3

79 14.6 0.0 32.5

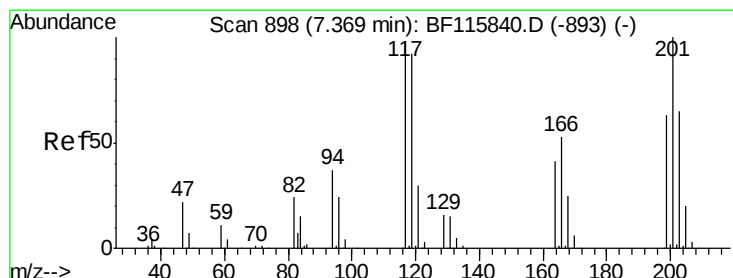
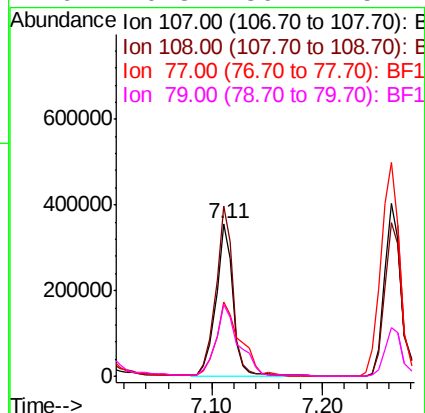
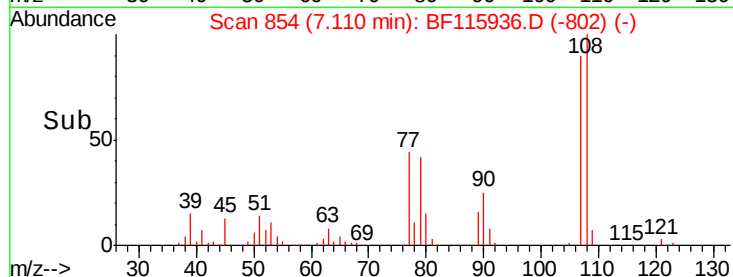
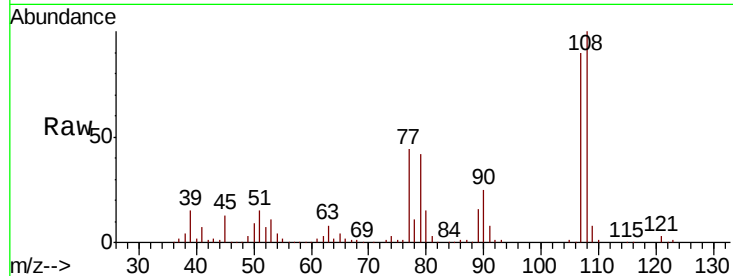




#17
2-Methylphenol
Concen: 45.493 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.01 min
Lab File: BF115936.D
Acq: 2 Aug 2019 10:27

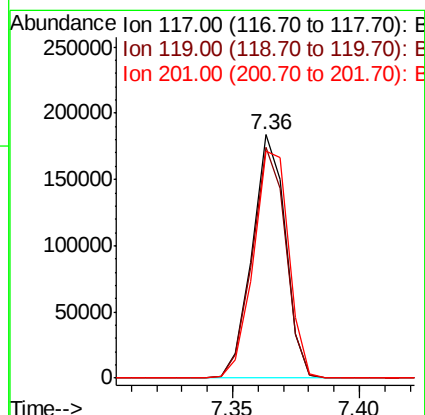
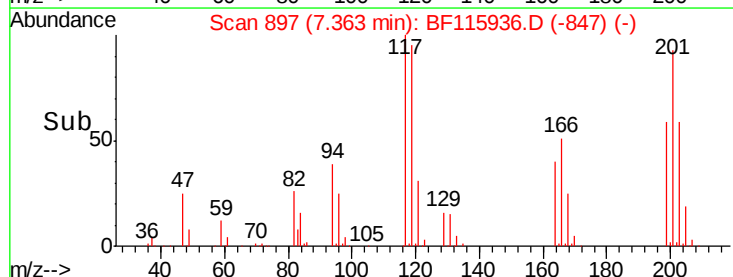
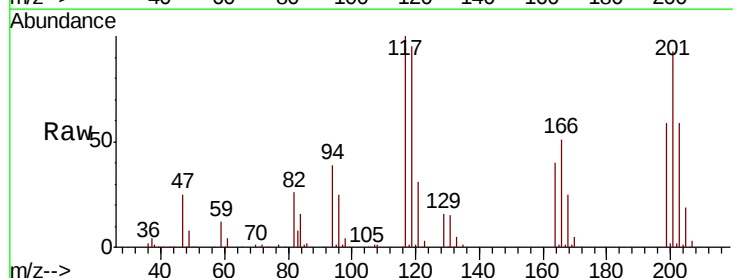
Instrument :
BNA_F
ClientSampleId :
PB121887BSD

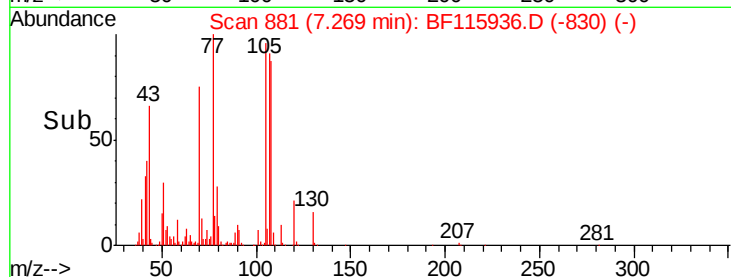
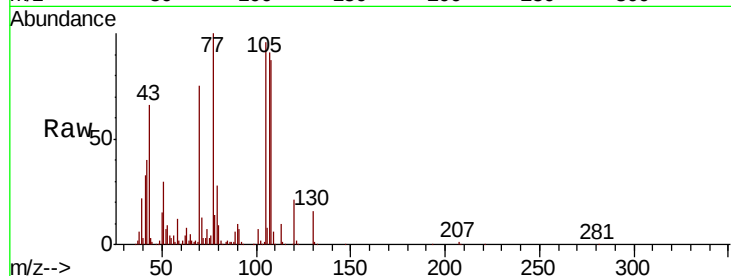
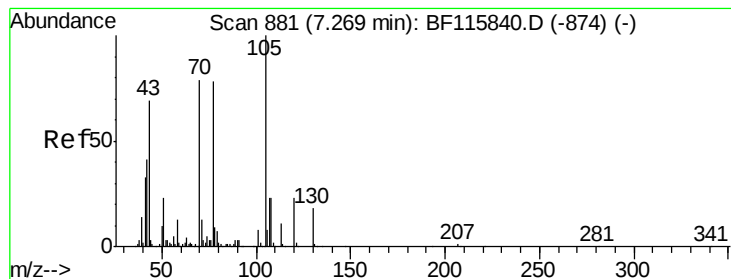
Tot Ion:107 Resp: 375468
Ion Ratio Lower Upper
107 100
108 111.2 91.4 137.0
77 48.6 37.6 56.4
79 46.8 36.2 54.4



#18
Hexachloroethane
Concen: 40.588 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF115936.D
Acq: 2 Aug 2019 10:27

Tgt Ion:117 Resp: 168545
Ion Ratio Lower Upper
117 100
119 95.0 75.8 113.6
201 93.2 82.0 123.0





#19

n-Nitroso-di-n-propylamine

Concen: 44.009 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.00 min

Lab File: BF115936.D

Acq: 2 Aug 2019 10:27

Instrument :

BNA_F

ClientSampleId :

PB121887BSD

Tot Ion: 70 Resp: 303280

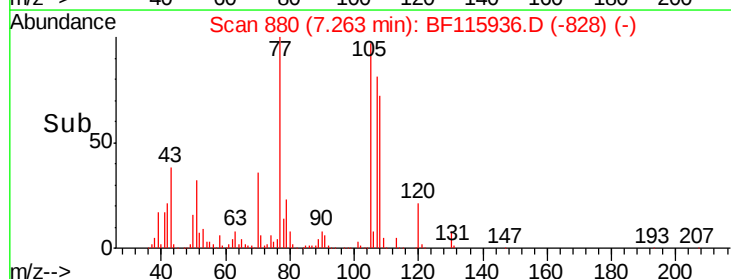
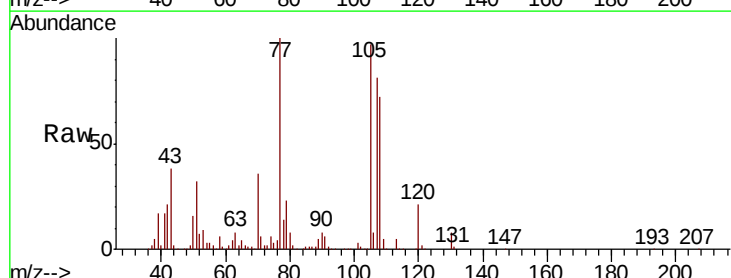
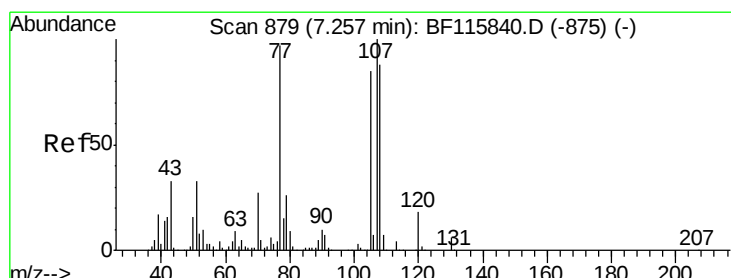
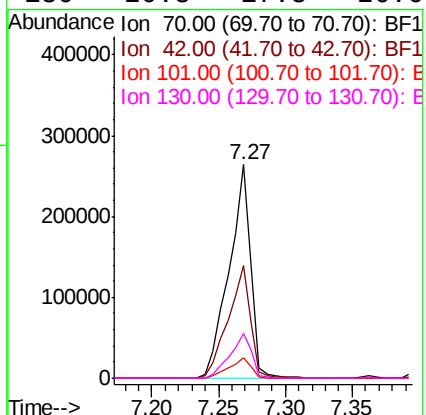
Ion Ratio Lower Upper

70 100

42 53.0 41.8 62.8

101 9.3 7.7 11.5

130 20.8 17.8 26.6



#20

3+4-Methylphenols

Concen: 45.351 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.01 min

Lab File: BF115936.D

Acq: 2 Aug 2019 10:27

Tgt Ion:107 Resp: 442929

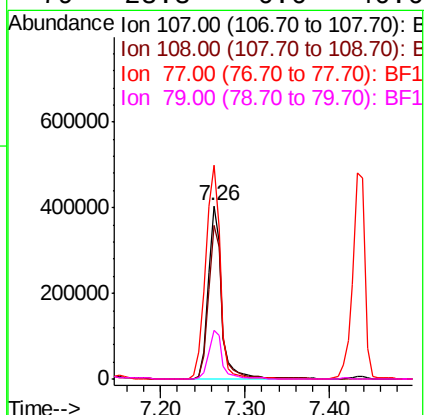
Ion Ratio Lower Upper

107 100

108 88.8 67.9 107.9

77 123.3 77.3 117.3#

79 28.3 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: BF115936.D

Acq: 2 Aug 2019 10:27

Instrument :

BNA_F

ClientSampleId :

PB121887BSD

Tot Ion:136 Resp: 619220

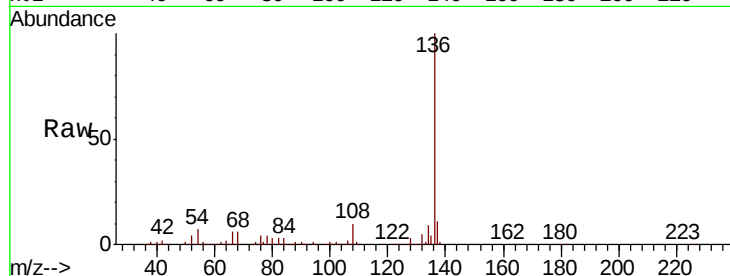
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 7.4 6.1 9.1

68 6.4 5.4 8.2

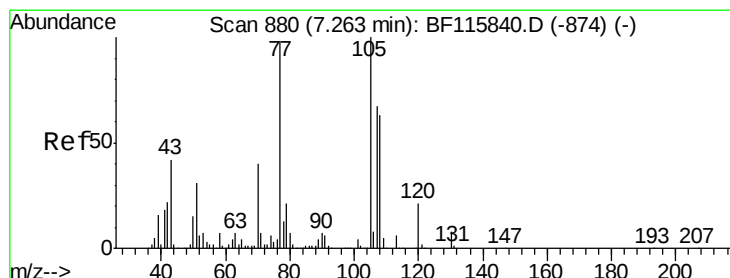
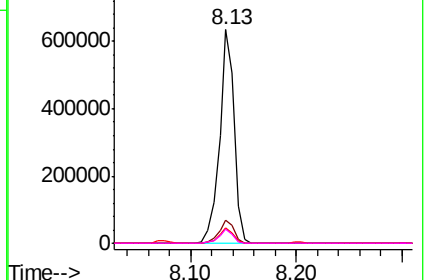
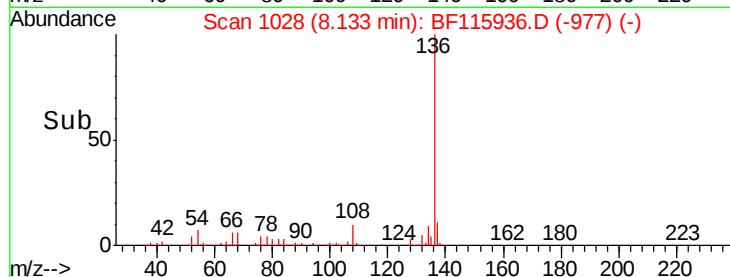


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 44.070 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.00 min

Lab File: BF115936.D

Acq: 2 Aug 2019 10:27

Tgt Ion:105 Resp: 598491

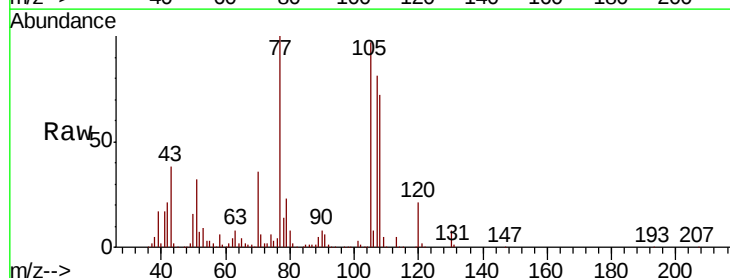
Ion Ratio Lower Upper

105 100

71 6.2 5.4 8.0

51 33.0 24.6 36.8

120 22.0 17.0 25.6

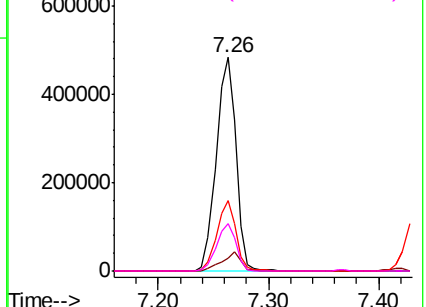
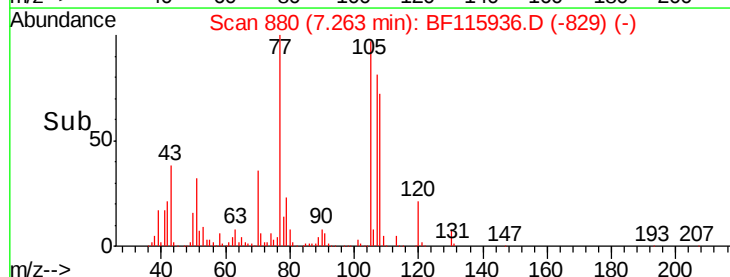


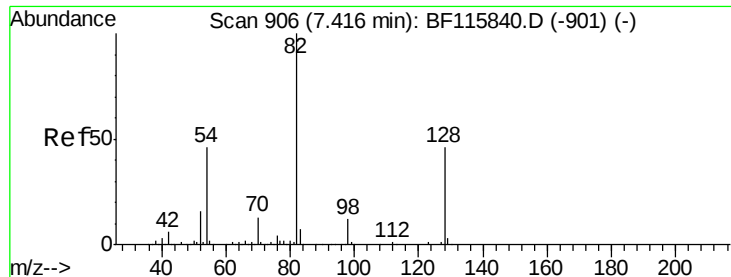
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

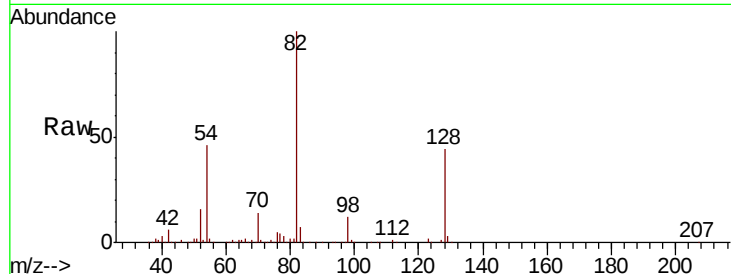




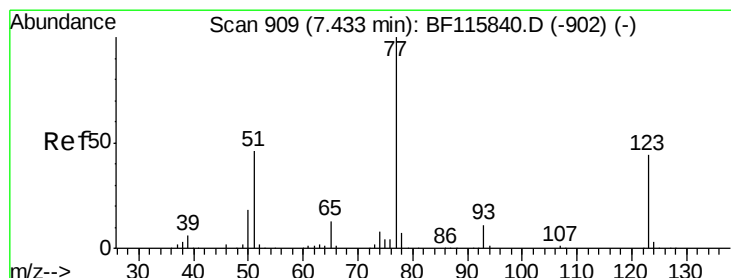
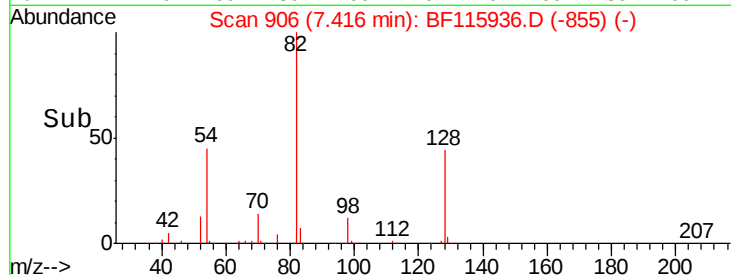
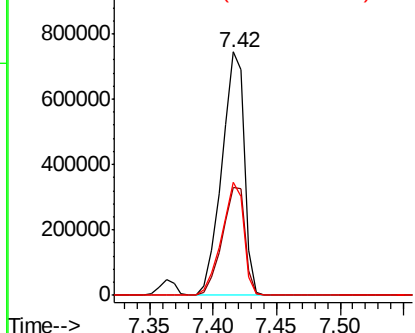
#23
 Nitrobenzene-d5
 Concen: 85.400 ng
 RT: 7.42 min Scan# 906
 Delta R.T. 0.00 min
 Lab File: BF115936.D
 Acq: 2 Aug 2019 10:27

Instrument :
 BNA_F
 ClientSampleID :
 PB121887BSD

Tot Ion: 82 Resp: 916123
 Ion Ratio Lower Upper
 82 100
 128 44.4 36.6 55.0
 54 46.4 36.6 55.0

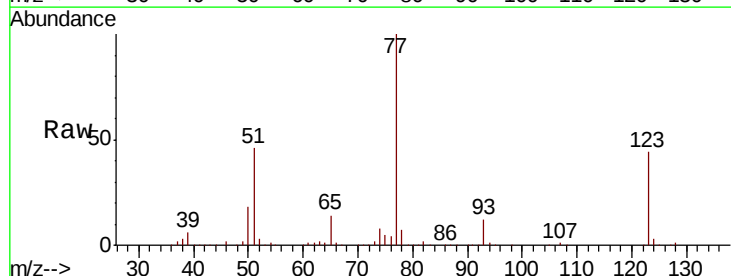


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

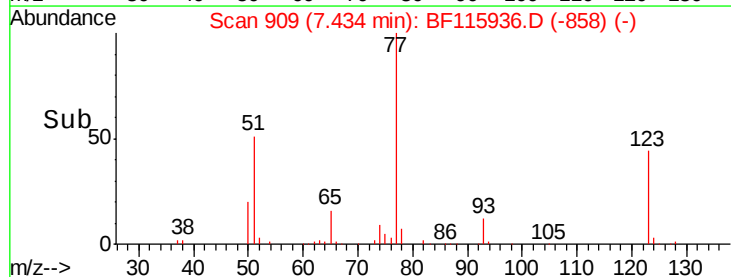
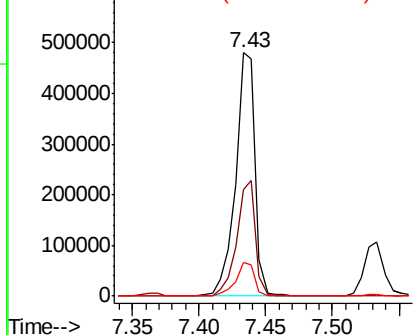


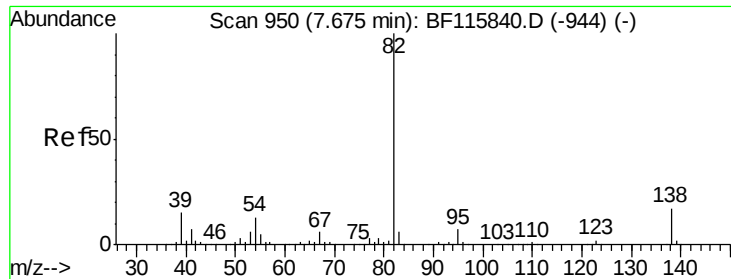
#24
 Nitrobenzene
 Concen: 42.096 ng
 RT: 7.43 min Scan# 909
 Delta R.T. 0.00 min
 Lab File: BF115936.D
 Acq: 2 Aug 2019 10:27

Tgt Ion: 77 Resp: 487598
 Ion Ratio Lower Upper
 77 100
 123 43.8 35.5 53.3
 65 13.8 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

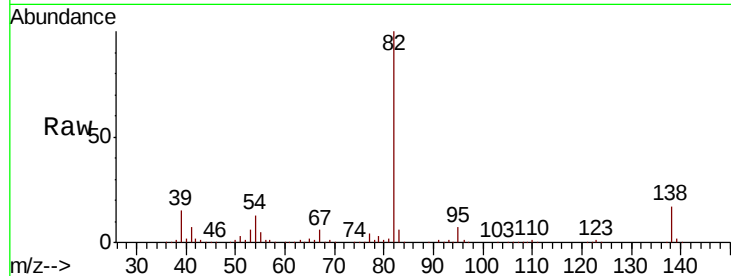




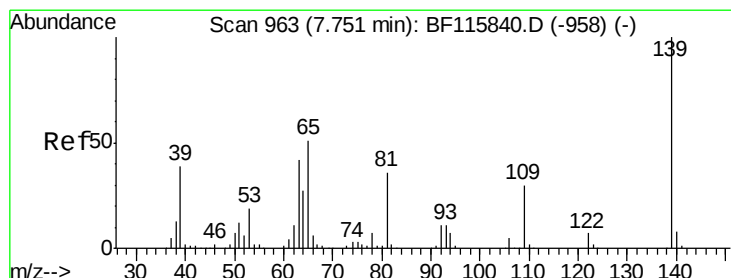
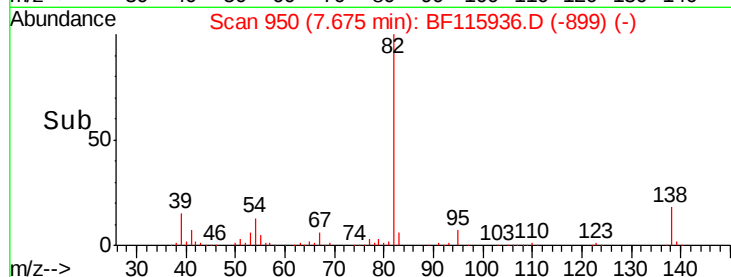
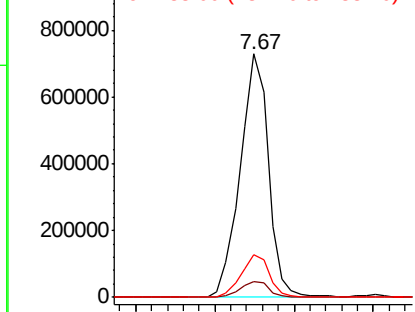
#25
Isophorone
Concen: 43.930 ng
RT: 7.67 min Scan# 950
Delta R.T. 0.00 min
Lab File: BF115936.D
Acq: 2 Aug 2019 10:27

Instrument :
BNA_F
ClientSampleId :
PB121887BSD

Tot Ion	Ratio	Lower	Upper
82	100		
95	6.6	5.5	8.3
138	17.3	13.9	20.9

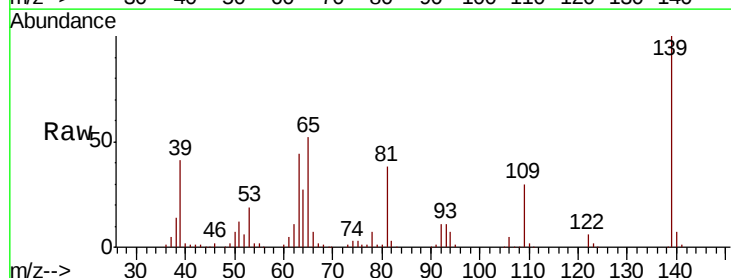


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

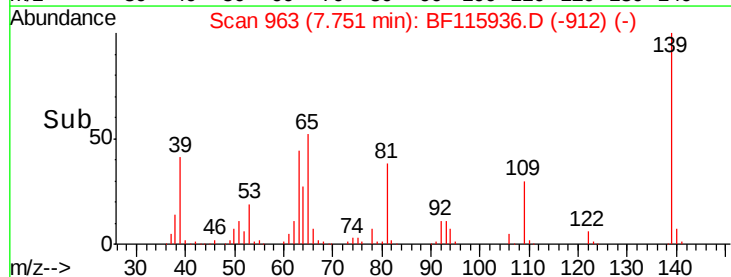
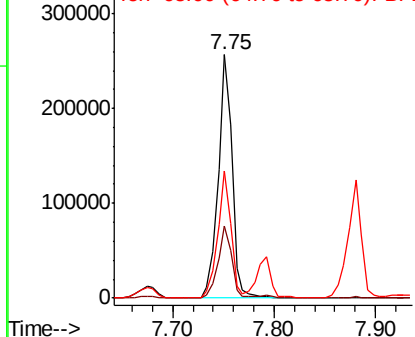


#26
2-Nitrophenol
Concen: 44.565 ng
RT: 7.75 min Scan# 963
Delta R.T. 0.00 min
Lab File: BF115936.D
Acq: 2 Aug 2019 10:27

Tgt Ion	Ratio	Lower	Upper
139	100		
109	29.6	23.6	35.4
65	52.2	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: 48.972 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.01 min

Lab File: BF115936.D

Acq: 2 Aug 2019 10:27

Instrument :

BNA_F

ClientSampleId :

PB121887BSD

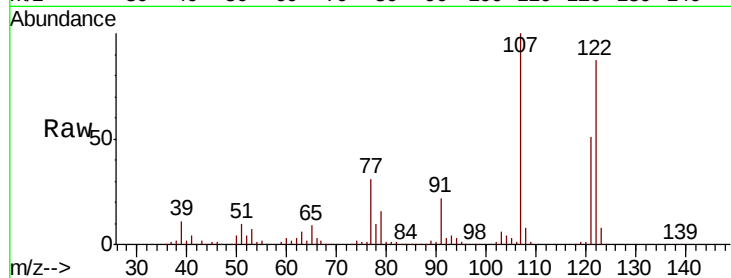
Tot Ion:122 Resp: 402283

Ion Ratio Lower Upper

122 100

107 115.1 91.7 137.5

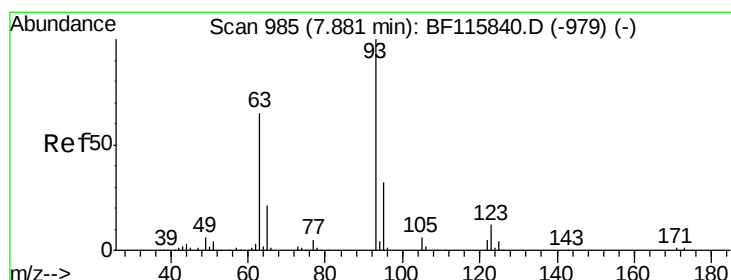
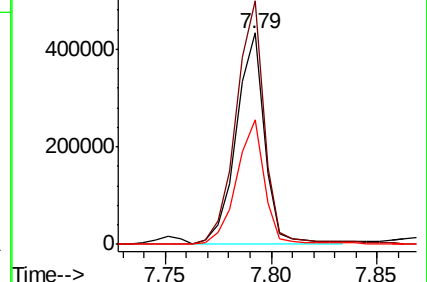
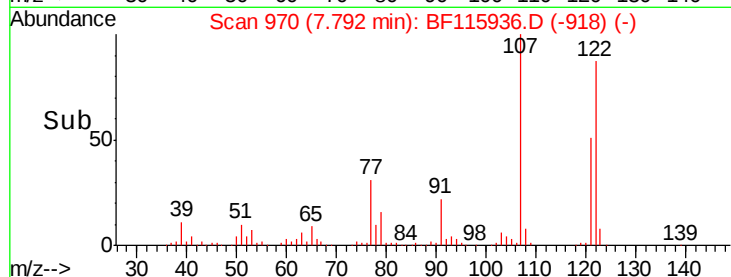
121 58.8 46.6 70.0



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: 42.531 ng

RT: 7.88 min Scan# 985

Delta R.T. 0.00 min

Lab File: BF115936.D

Acq: 2 Aug 2019 10:27

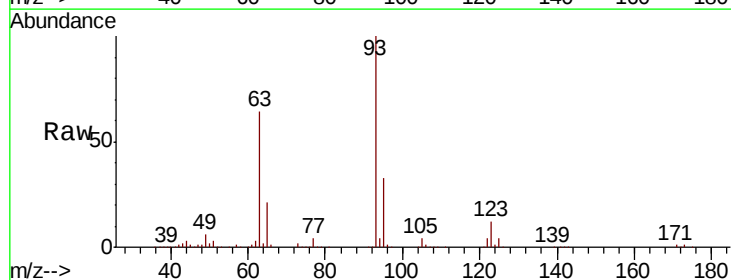
Tgt Ion: 93 Resp: 540737

Ion Ratio Lower Upper

93 100

95 32.9 26.0 39.0

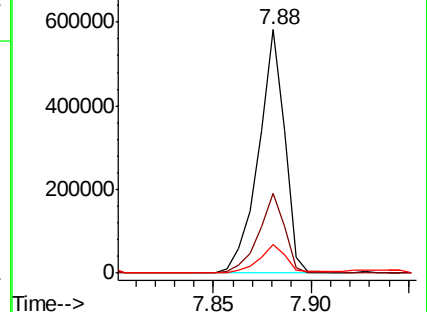
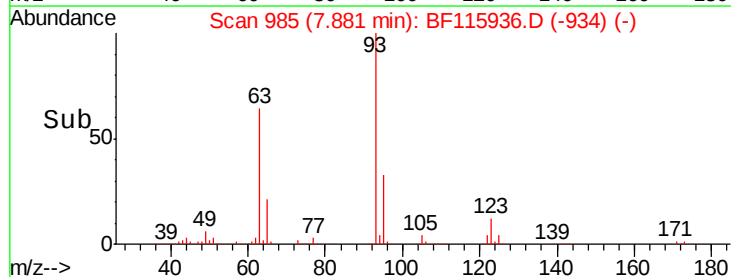
123 11.8 9.5 14.3



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

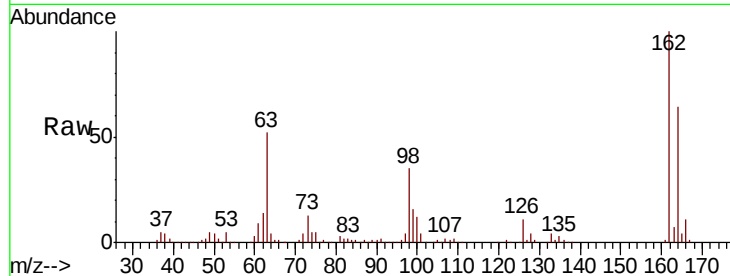




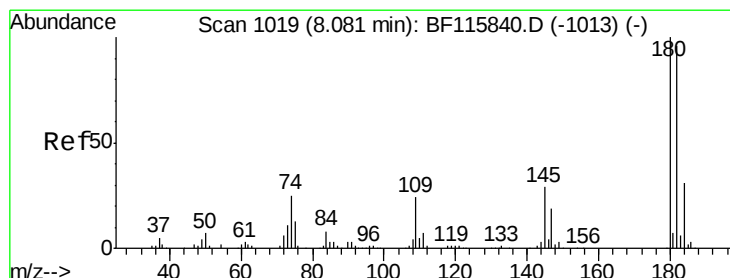
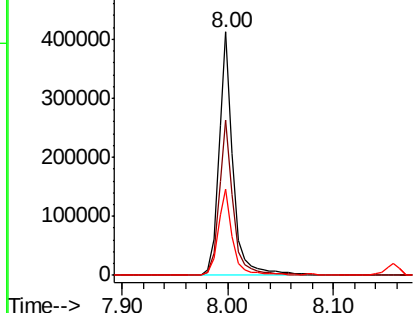
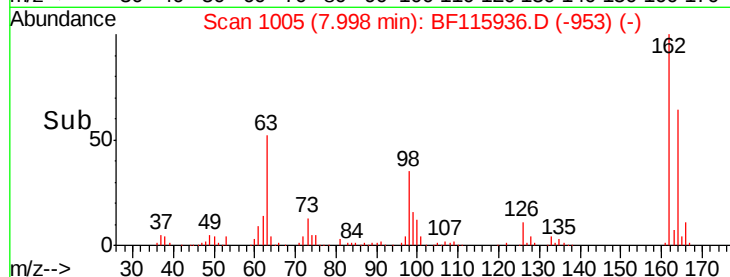
#29
 2,4-Dichlorophenol
 Concen: 44.890 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. 0.01 min
 Lab File: BF115936.D
 Acq: 2 Aug 2019 10:27

Instrument :
 BNA_F
 ClientSampleId :
 PB121887BSD

Tot Ion:162 Resp: 389354
 Ion Ratio Lower Upper
 162 100
 164 63.6 43.2 83.2
 98 35.2 17.3 57.3

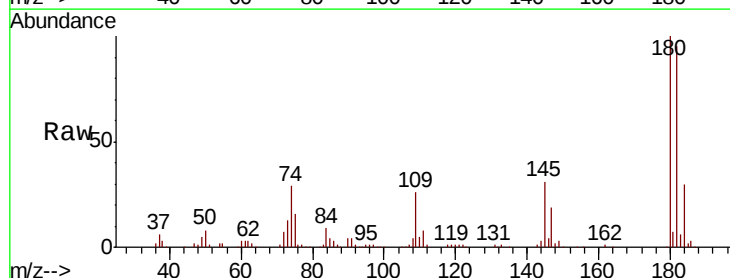


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

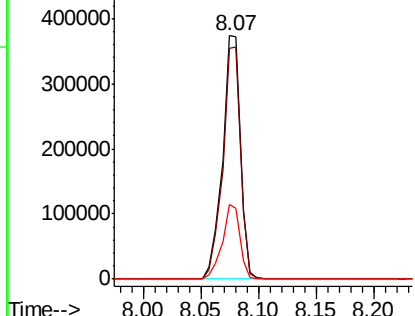
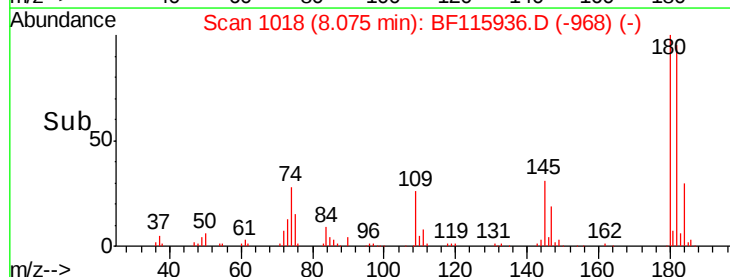


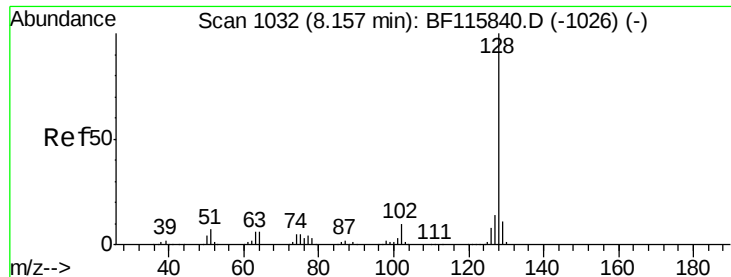
#30
 1,2,4-Trichlorobenzene
 Concen: 40.928 ng
 RT: 8.07 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BF115936.D
 Acq: 2 Aug 2019 10:27

Tgt Ion:180 Resp: 404650
 Ion Ratio Lower Upper
 180 100
 182 94.6 76.6 114.8
 145 30.6 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

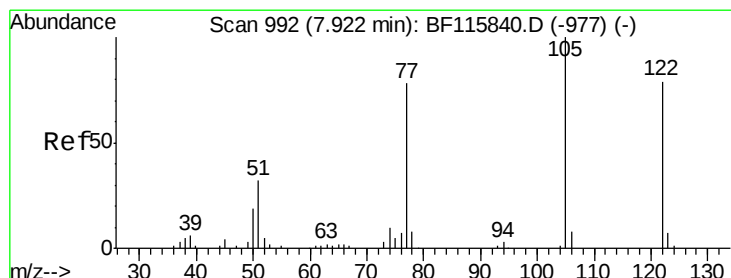
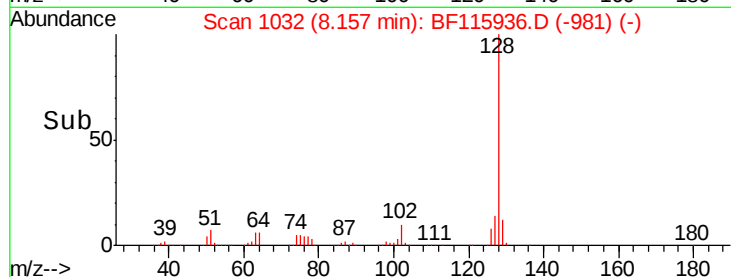
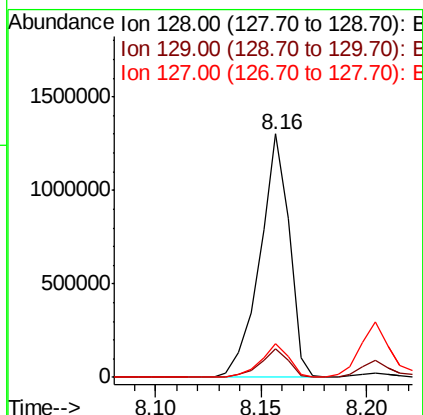
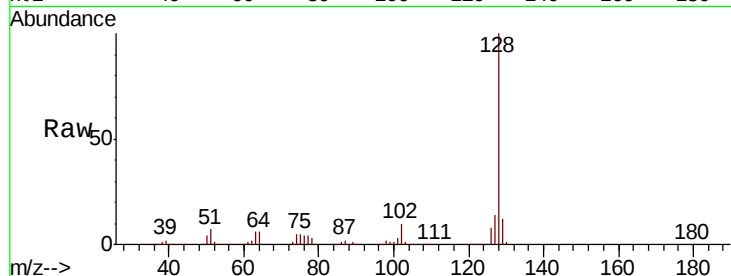




#31
Naphthalene
Concen: 43.154 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF115936.D
Acq: 2 Aug 2019 10:27

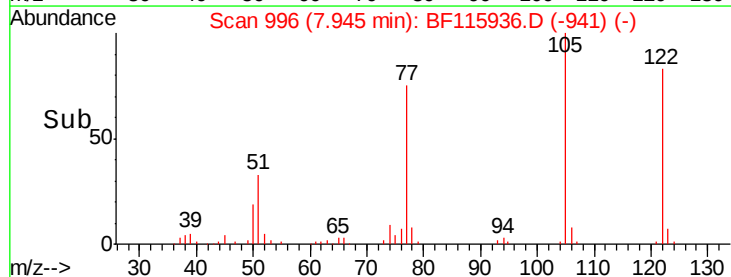
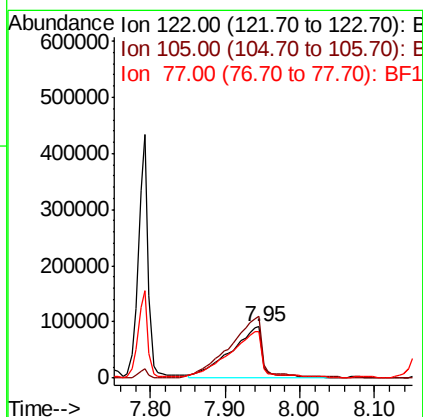
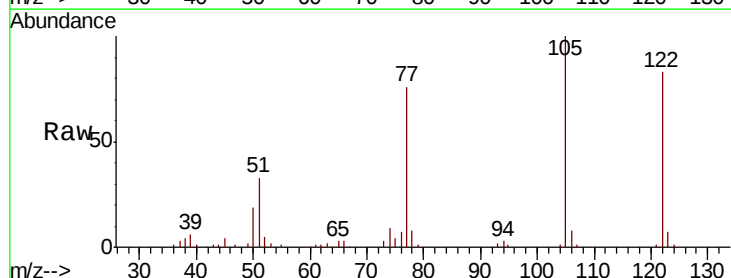
Instrument :
BNA_F
ClientSampleId :
PB121887BSD

Tot Ion:128 Resp: 1257462
Ion Ratio Lower Upper
128 100
129 11.6 9.2 13.8
127 13.7 11.0 16.4



#32
Benzoic acid
Concen: 47.125 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.02 min
Lab File: BF115936.D
Acq: 2 Aug 2019 10:27

Tgt Ion:122 Resp: 272927
Ion Ratio Lower Upper
122 100
105 120.5 103.1 143.1
77 91.9 76.8 116.8

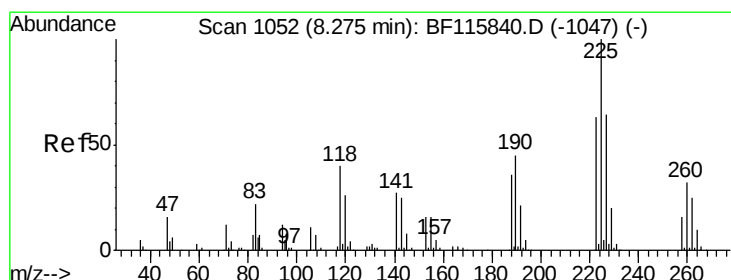
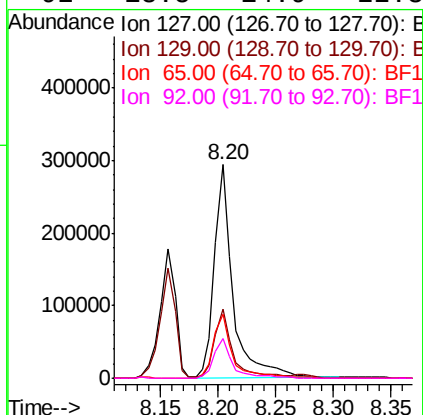
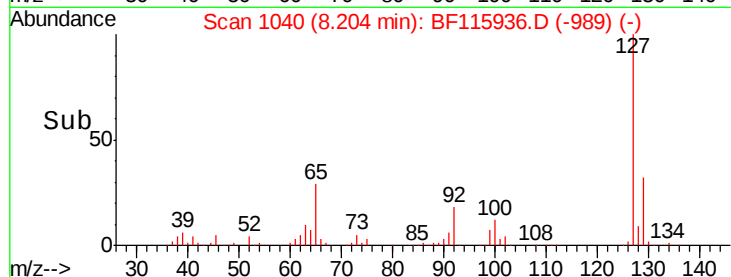
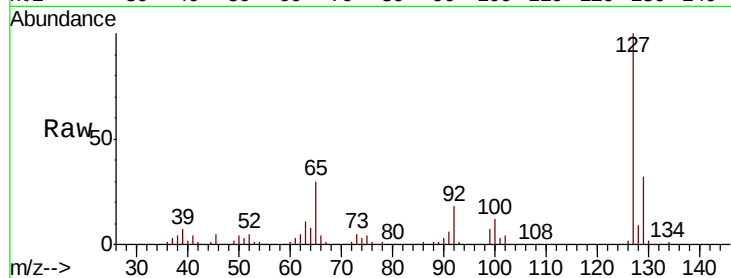




#33
4-Chloroaniline
Concen: 25.379 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF115936.D
Acq: 2 Aug 2019 10:27

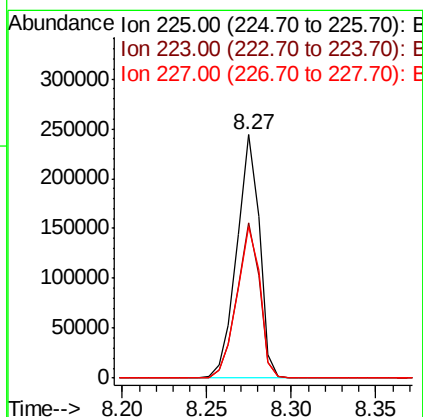
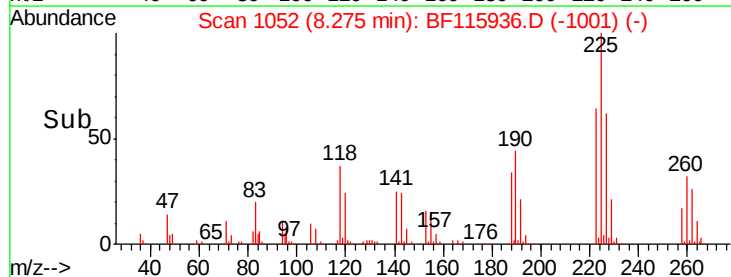
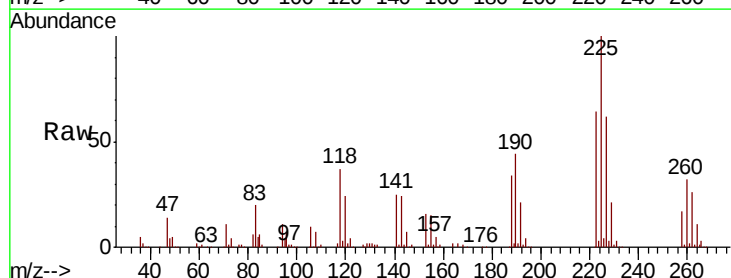
Instrument :
BNA_F
ClientSampleId :
PB121887BSD

Tot Ion:127	Resp:	330421
Ion Ratio	Lower	Upper
127	100	
129	32.1	26.0 39.0
65	29.8	23.9 35.9
92	18.5	14.9 22.3



#34
Hexachlorobutadiene
Concen: 40.079 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF115936.D
Acq: 2 Aug 2019 10:27

Tgt Ion:225	Resp:	228246
Ion Ratio	Lower	Upper
225	100	
223	63.8	50.4 75.6
227	62.4	51.6 77.4

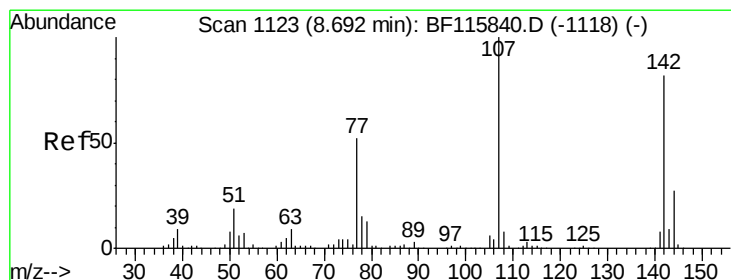
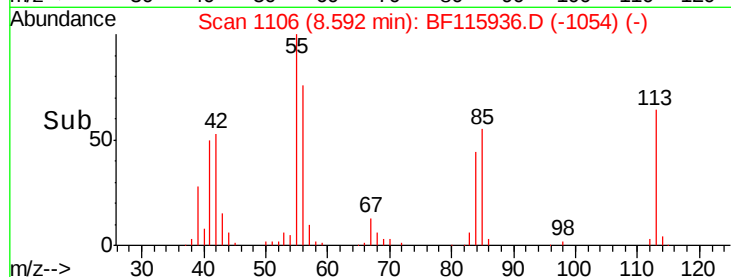
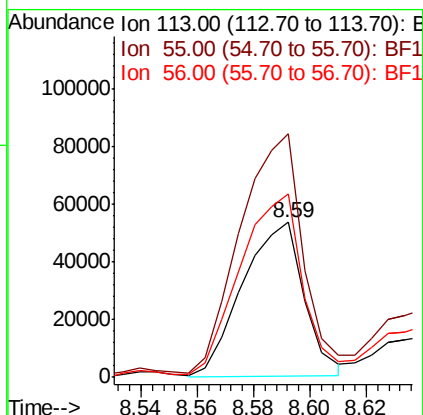
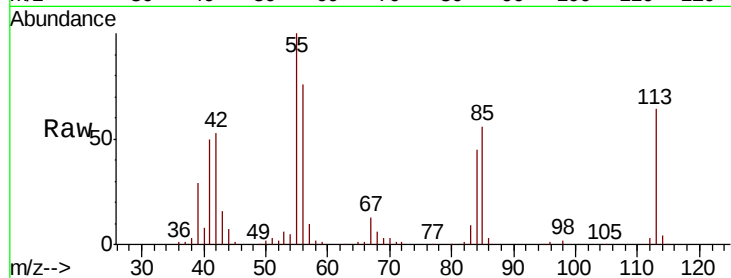




#35
 Caprolactam
 Concen: 28.765 ng
 RT: 8.59 min Scan# 1106
 Delta R.T. 0.01 min
 Lab File: BF115936.D
 Acq: 2 Aug 2019 10:27

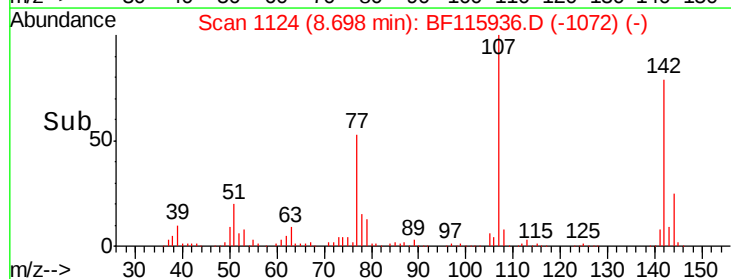
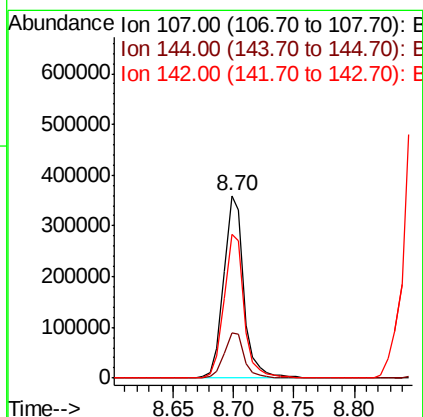
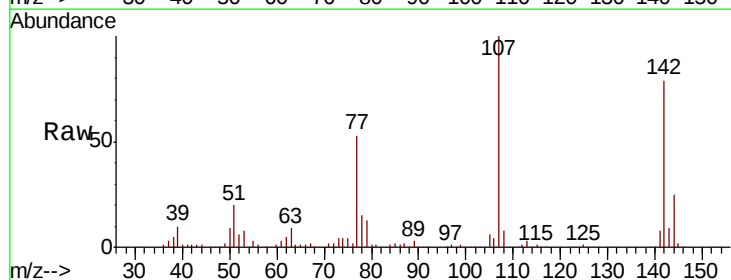
Instrument :
 BNA_F
 ClientSampleId :
 PB121887BSD

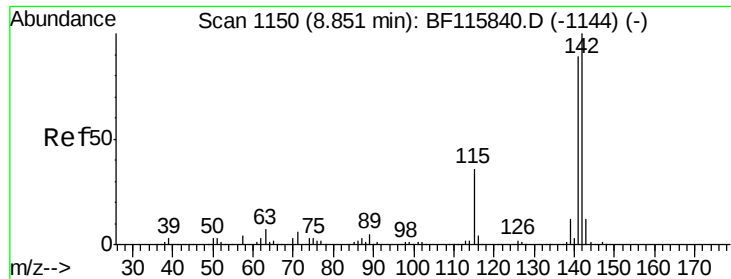
Tot Ion:113 Resp: 80692
 Ion Ratio Lower Upper
 113 100
 55 156.9 138.1 178.1
 56 118.6 100.6 140.6



#36
 4-Chloro-3-methylphenol
 Concen: 46.058 ng
 RT: 8.70 min Scan# 1124
 Delta R.T. 0.01 min
 Lab File: BF115936.D
 Acq: 2 Aug 2019 10:27

Tgt Ion:107 Resp: 415588
 Ion Ratio Lower Upper
 107 100
 144 25.1 21.4 32.0
 142 78.7 65.5 98.3

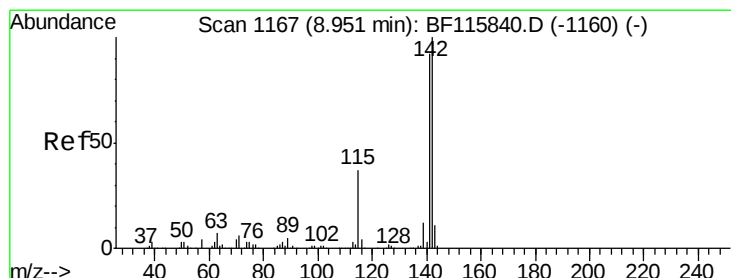
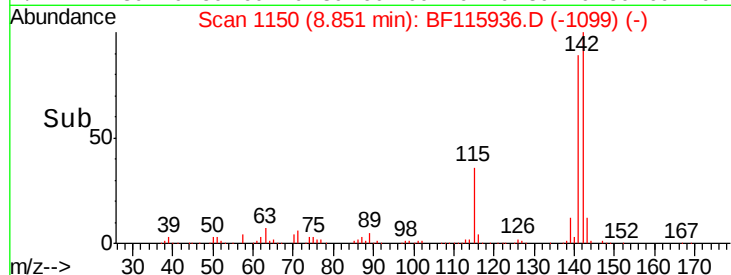
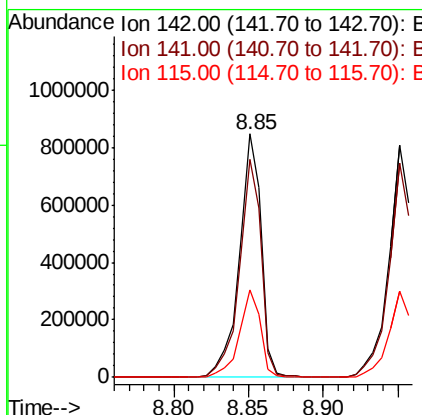
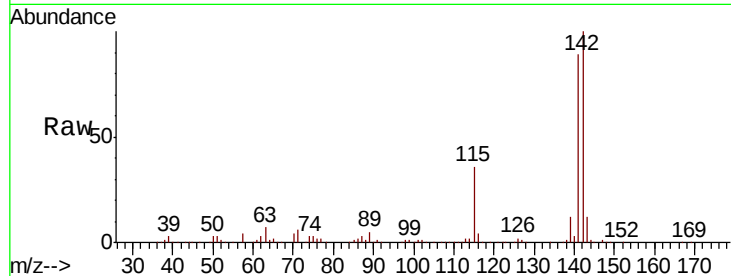




#37
 2-Methylnaphthalene
 Concen: 44.816 ng
 RT: 8.85 min Scan# 1150
 Delta R.T. 0.00 min
 Lab File: BF115936.D
 Acq: 2 Aug 2019 10:27

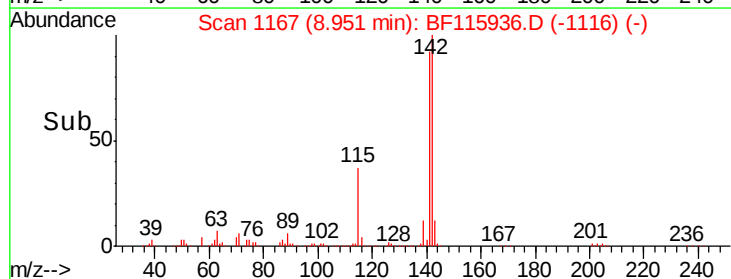
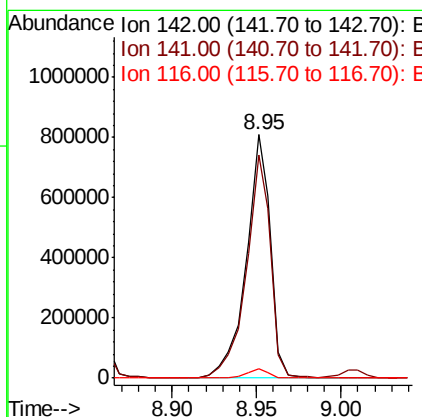
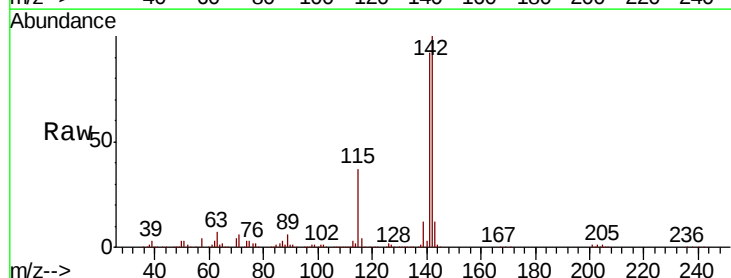
Instrument :
 BNA_F
 ClientSampleId :
 PB121887BSD

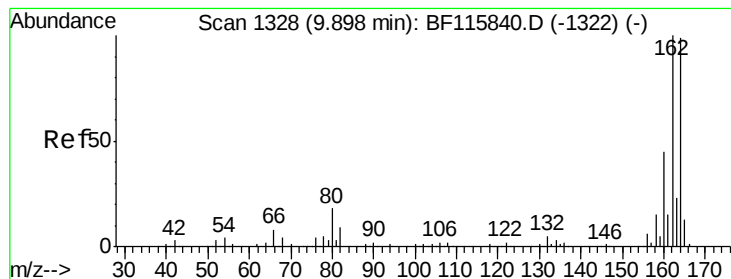
Tot Ion:142 Resp: 860042
 Ion Ratio Lower Upper
 142 100
 141 89.4 71.4 107.2
 115 35.8 28.9 43.3



#38
 1-Methylnaphthalene
 Concen: 44.344 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. 0.00 min
 Lab File: BF115936.D
 Acq: 2 Aug 2019 10:27

Tgt Ion:142 Resp: 805065
 Ion Ratio Lower Upper
 142 100
 141 91.9 73.8 110.6
 116 3.9 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1328

Delta R.T. 0.00 min

Lab File: BF115936.D

Acq: 2 Aug 2019 10:27

Instrument :

BNA_F

ClientSampleId :

PB121887BSD

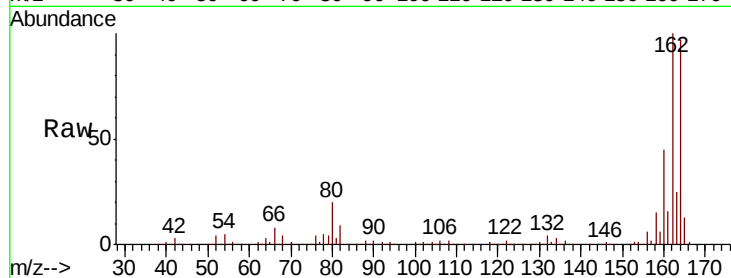
Tot Ion:164 Resp: 322279

Ion Ratio Lower Upper

164 100

162 102.8 80.8 121.2

160 46.3 36.2 54.4

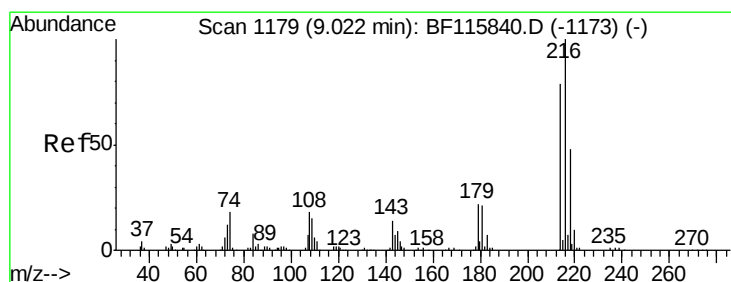
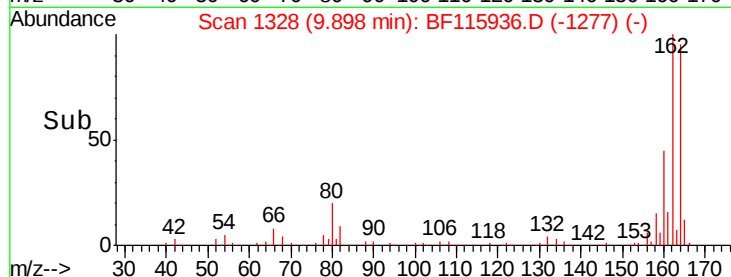
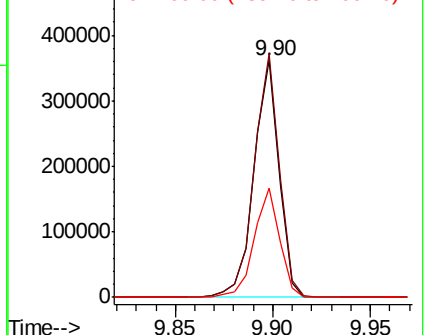


Abundance

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: 45.734 ng

RT: 9.02 min Scan# 1179

Delta R.T. 0.00 min

Lab File: BF115936.D

Acq: 2 Aug 2019 10:27

Tgt Ion:216 Resp: 394039

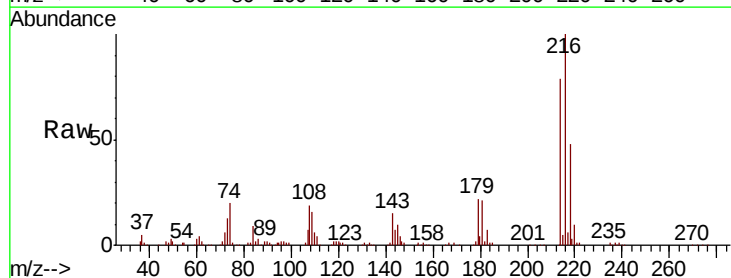
Ion Ratio Lower Upper

216 100

214 79.7 62.8 94.2

179 21.9 17.6 26.4

108 20.6 16.1 24.1



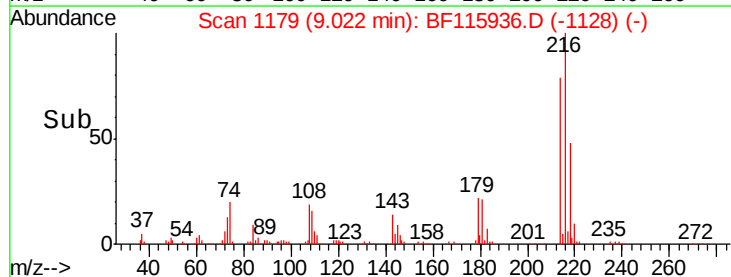
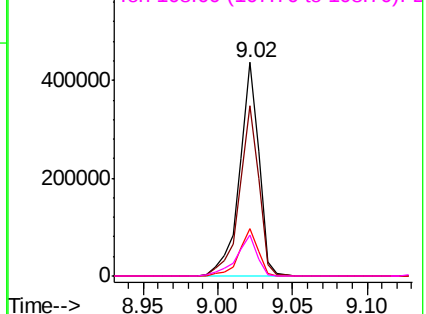
Abundance

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: 51.996 ng

RT: 9.01 min Scan# 1177

Delta R.T. 0.00 min

Lab File: BF115936.D

Acq: 2 Aug 2019 10:27

Instrument :

BNA_F

ClientSampleId :

PB121887BSD

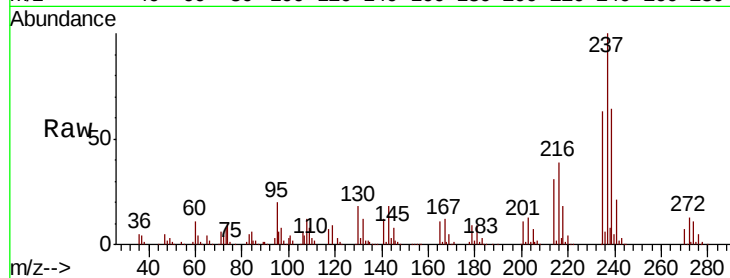
Tot Ion:237 Resp: 192454

Ion Ratio Lower Upper

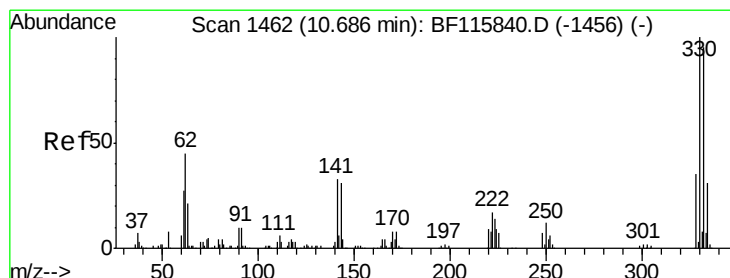
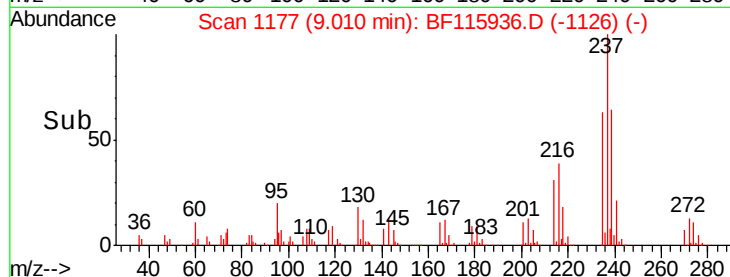
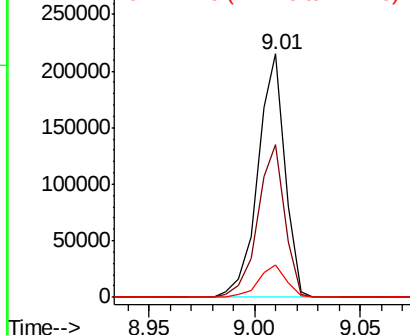
237 100

235 62.9 42.5 82.5

272 13.5 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: 91.495 ng

RT: 10.69 min Scan# 1463

Delta R.T. 0.01 min

Lab File: BF115936.D

Acq: 2 Aug 2019 10:27

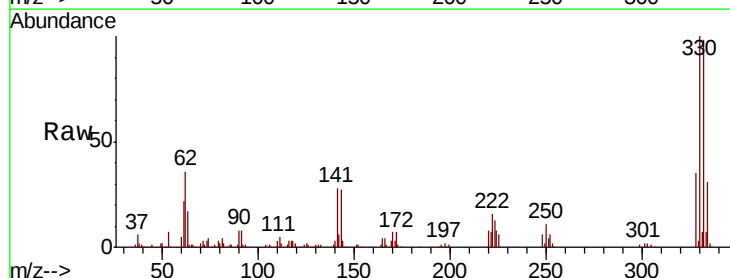
Tgt Ion:330 Resp: 285884

Ion Ratio Lower Upper

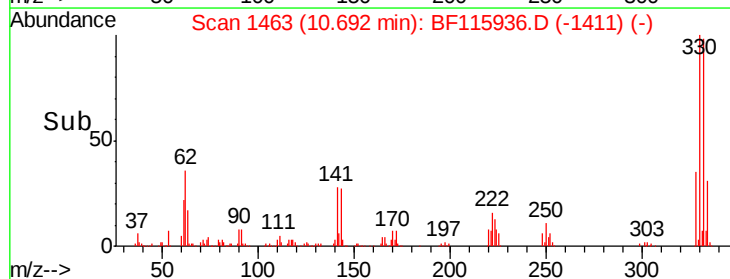
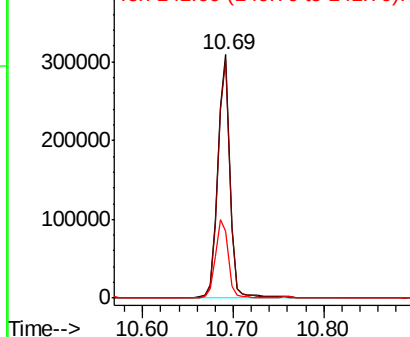
330 100

332 98.0 77.7 116.5

141 34.4 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

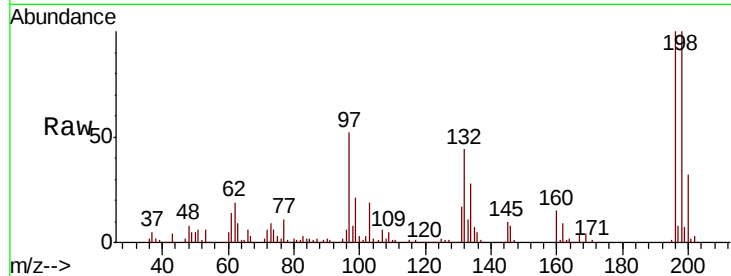




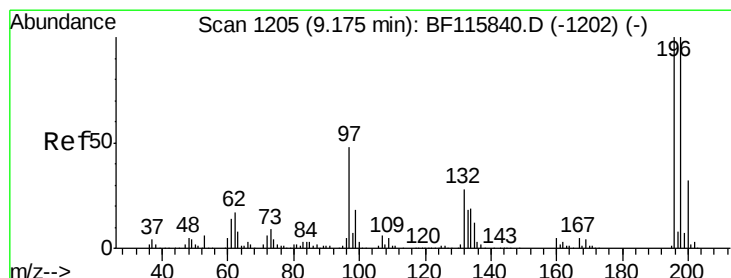
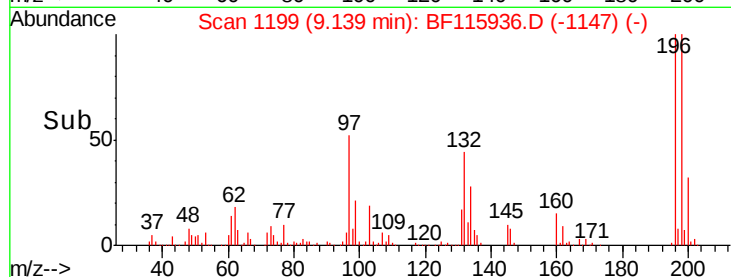
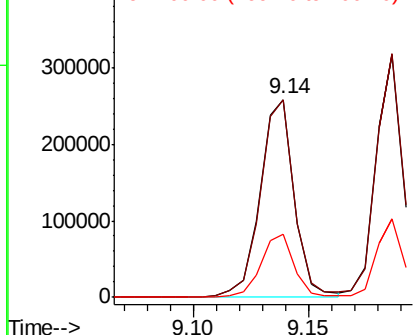
#43
2,4,6-Trichlorophenol
Concen: 44.926 ng
RT: 9.14 min Scan# 1199
Delta R.T. 0.01 min
Lab File: BF115936.D
Acq: 2 Aug 2019 10:27

Instrument :
BNA_F
ClientSampleId :
PB121887BSD

Tot Ion:196 Resp: 266429
Ion Ratio Lower Upper
196 100
198 100.1 79.1 118.7
200 32.0 26.0 39.0

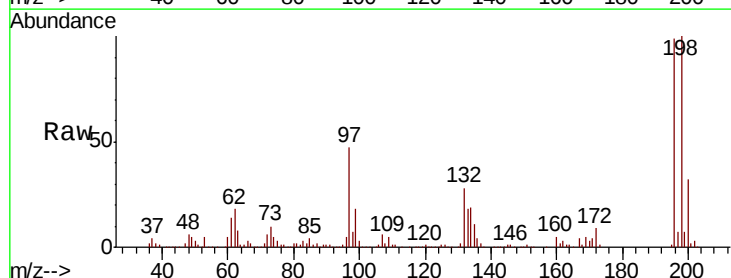


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E

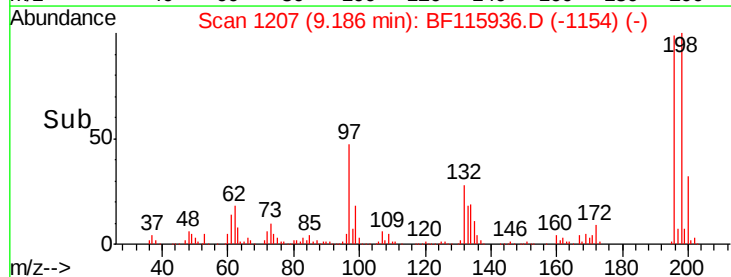
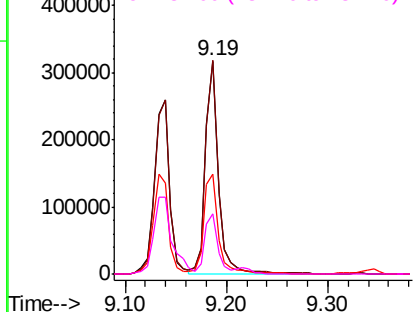


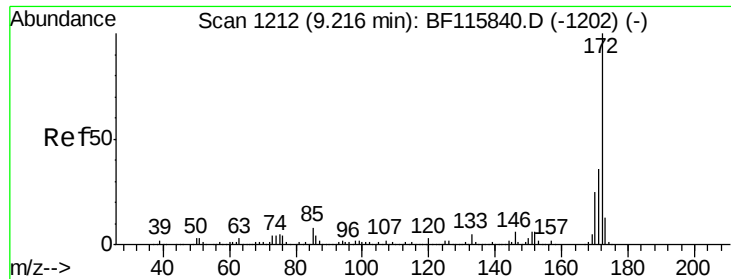
#44
2,4,5-Trichlorophenol
Concen: 45.637 ng
RT: 9.19 min Scan# 1207
Delta R.T. 0.01 min
Lab File: BF115936.D
Acq: 2 Aug 2019 10:27

Tgt Ion:196 Resp: 279765
Ion Ratio Lower Upper
196 100
198 100.5 80.1 120.1
97 47.1 38.9 58.3
132 28.2 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

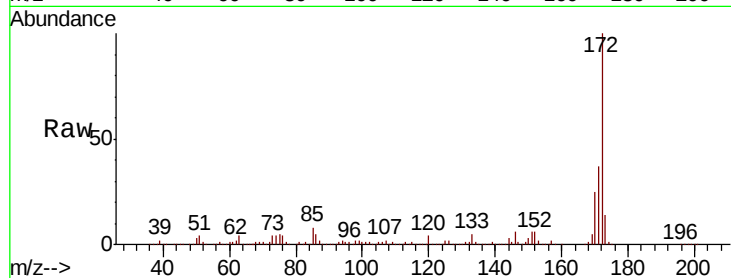




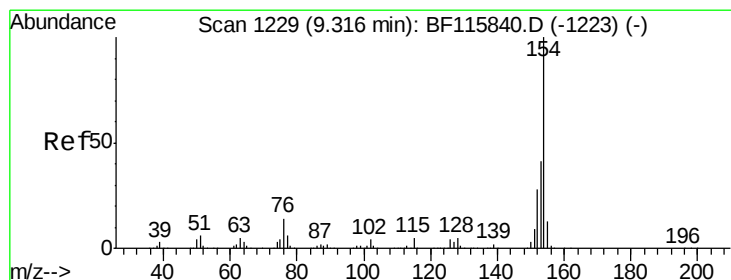
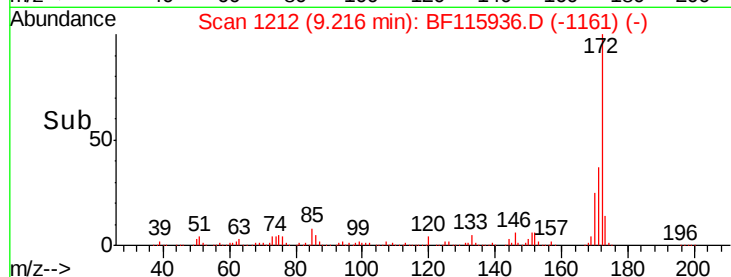
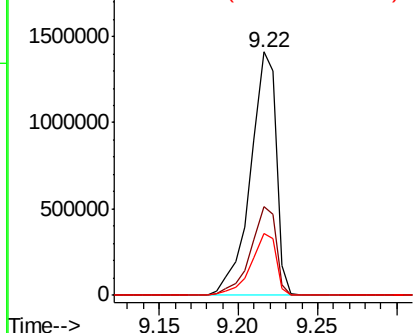
#45
 2-Fluorobiphenyl
 Concen: 92.767 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. 0.00 min
 Lab File: BF115936.D
 Acq: 2 Aug 2019 10:27

Instrument :
 BNA_F
 ClientSampleId :
 PB121887BSD

Tot Ion:172 Resp: 1596135
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.1 43.7
 170 25.2 20.1 30.1

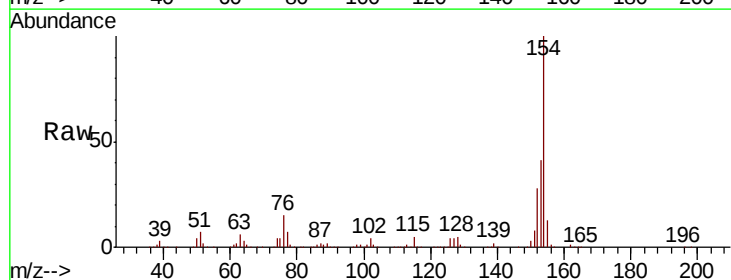


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

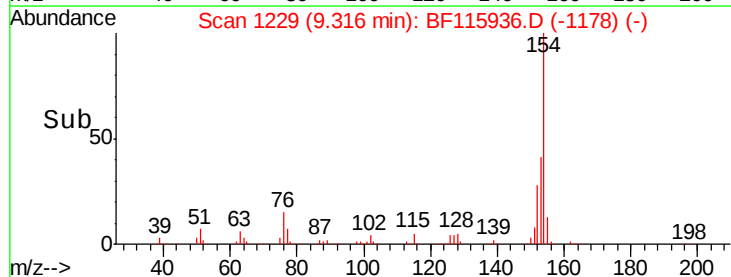
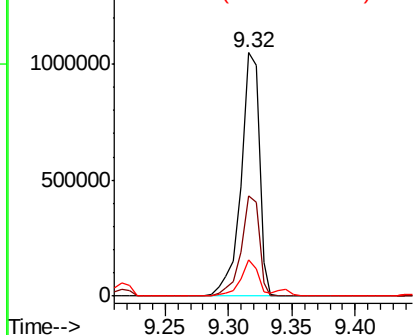


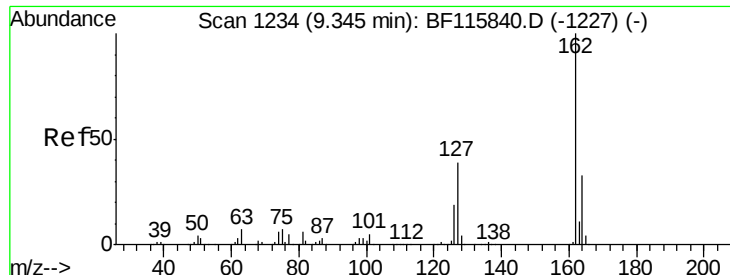
#46
 1,1'-Biphenyl
 Concen: 45.890 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: BF115936.D
 Acq: 2 Aug 2019 10:27

Tgt Ion:154 Resp: 1044131
 Ion Ratio Lower Upper
 154 100
 153 41.0 20.9 60.9
 76 14.9 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

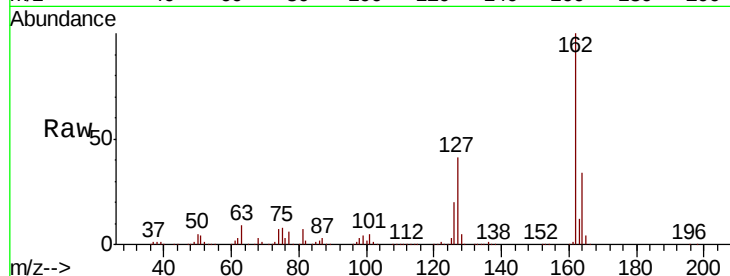




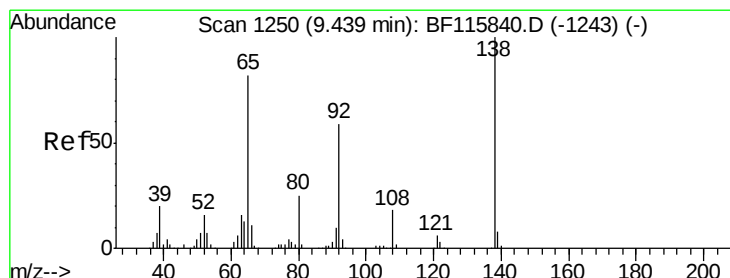
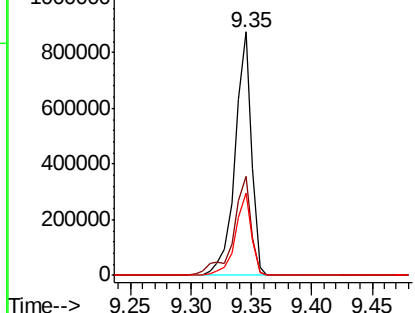
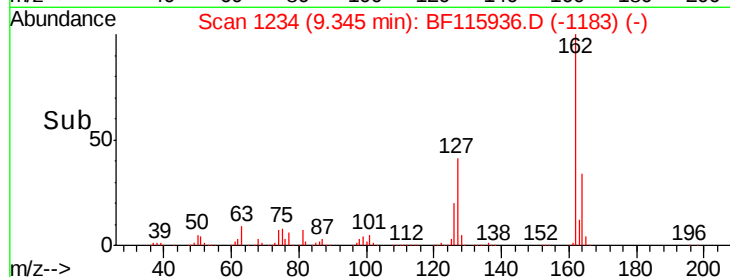
#47
 2-Chloronaphthalene
 Concen: 43.513 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. 0.00 min
 Lab File: BF115936.D
 Acq: 2 Aug 2019 10:27

Instrument :
 BNA_F
 ClientSampleId :
 PB121887BSD

Tot Ion:	162	Resp:	824002
Ion	Ratio	Lower	Upper
162	100		
127	40.9	31.3	46.9
164	33.6	26.6	40.0

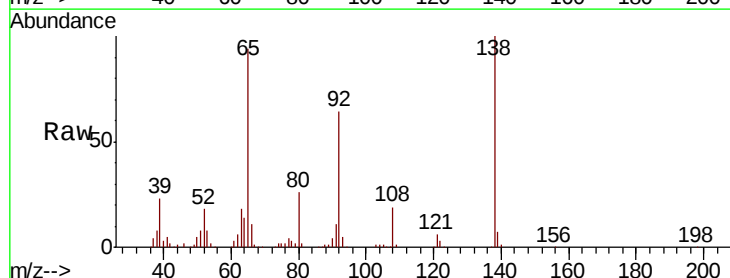


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

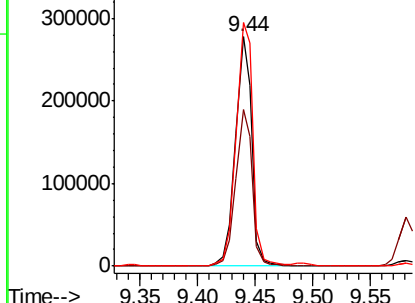
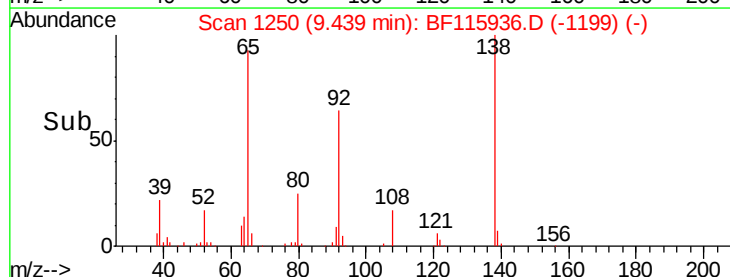


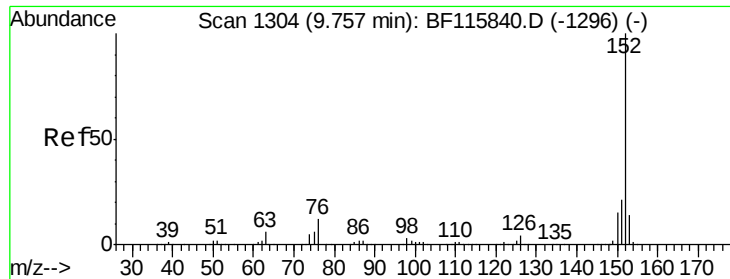
#48
 2-Nitroaniline
 Concen: 43.437 ng
 RT: 9.44 min Scan# 1250
 Delta R.T. 0.00 min
 Lab File: BF115936.D
 Acq: 2 Aug 2019 10:27

Tgt Ion:	65	Resp:	271891
Ion	Ratio	Lower	Upper
65	100		
92	68.3	57.1	85.7
138	106.3	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: 45.412 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.00 min

Lab File: BF115936.D

Acq: 2 Aug 2019 10:27

Instrument :

BNA_F

ClientSampleId :

PB121887BSD

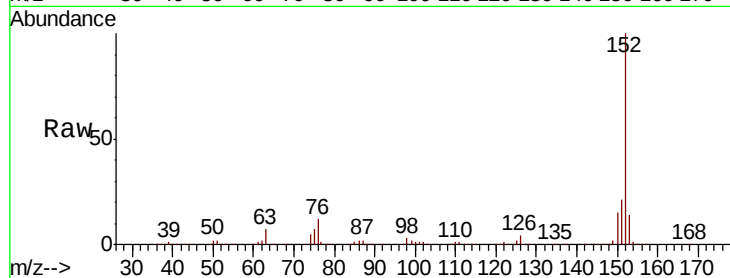
Tot Ion:152 Resp: 1254609

Ion Ratio Lower Upper

152 100

151 20.7 16.8 25.2

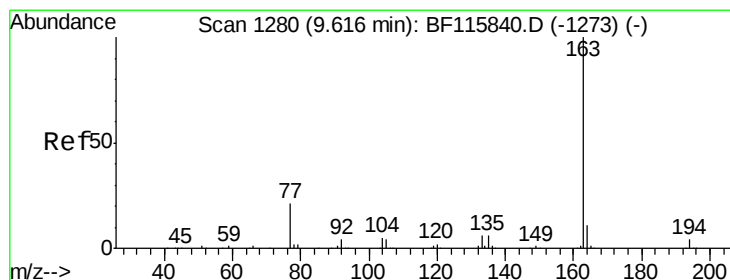
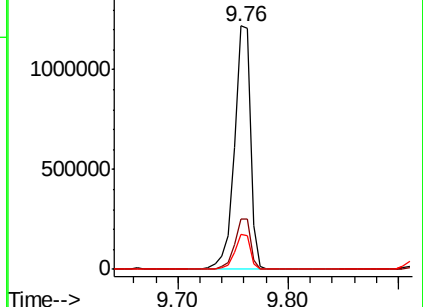
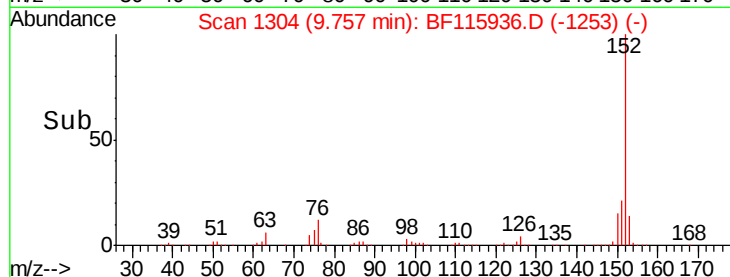
153 14.4 11.6 17.4



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: 45.674 ng

RT: 9.62 min Scan# 1281

Delta R.T. 0.01 min

Lab File: BF115936.D

Acq: 2 Aug 2019 10:27

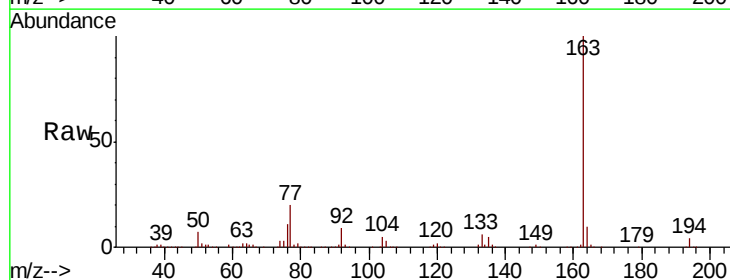
Tgt Ion:163 Resp: 1002246

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

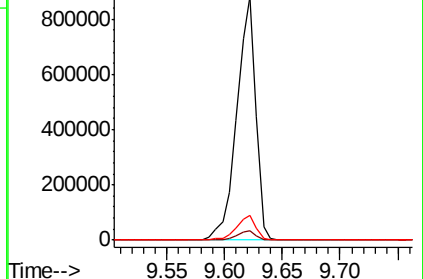
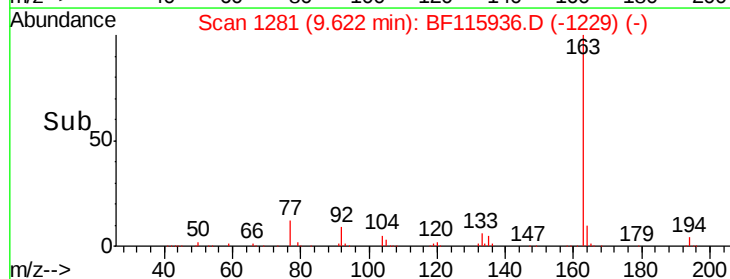
164 10.3 8.4 12.6

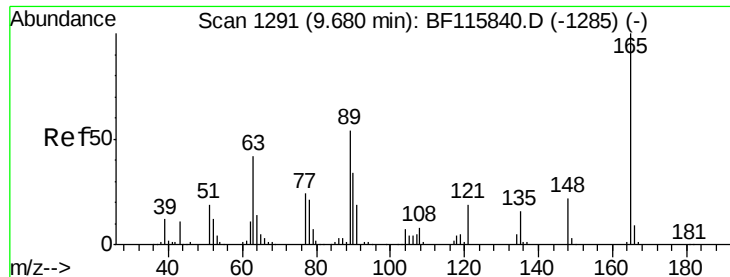


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

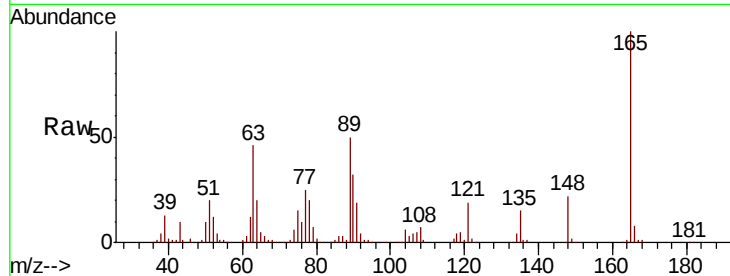




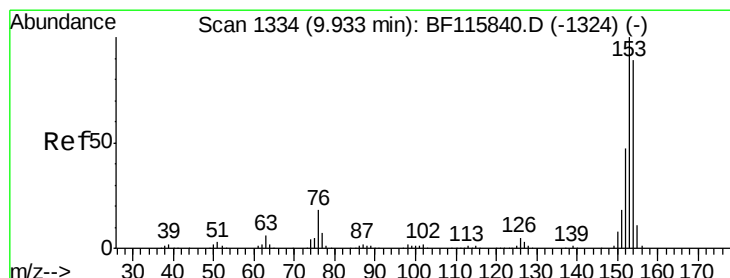
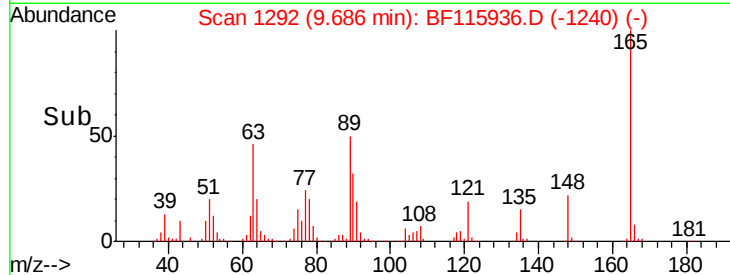
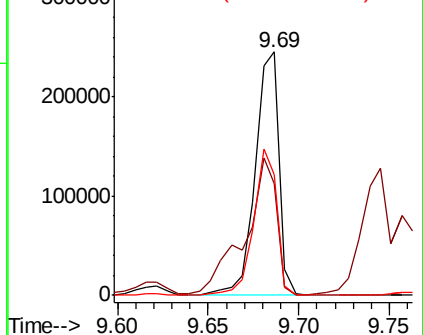
#51
 2,6-Dinitrotoluene
 Concen: 46.967 ng
 RT: 9.69 min Scan# 1292
 Delta R.T. 0.01 min
 Lab File: BF115936.D
 Acq: 2 Aug 2019 10:27

Instrument :
 BNA_F
 ClientSampleId :
 PB121887BSD

Tot Ion:165 Resp: 223971
 Ion Ratio Lower Upper
 165 100
 63 45.7 39.4 59.2
 89 49.7 43.0 64.6

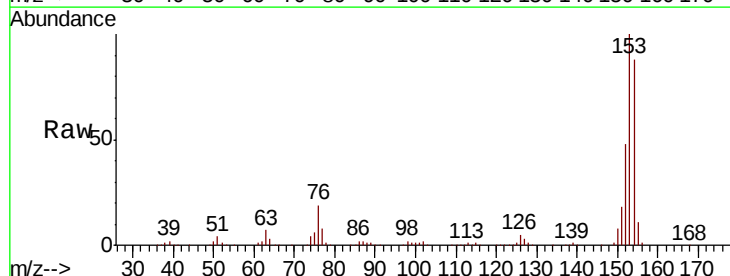


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

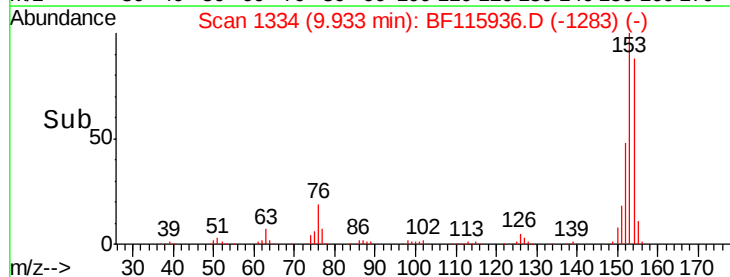
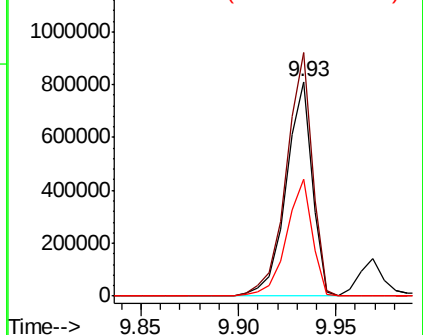


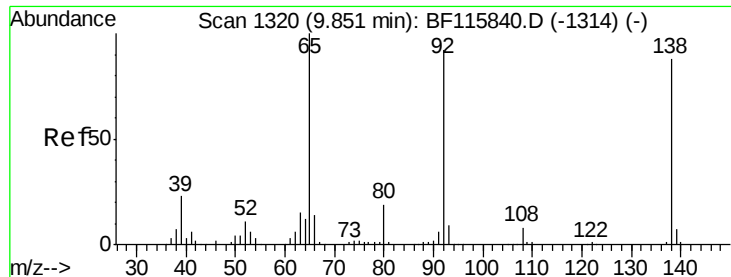
#52
 Acenaphthene
 Concen: 44.582 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: BF115936.D
 Acq: 2 Aug 2019 10:27

Tgt Ion:154 Resp: 755623
 Ion Ratio Lower Upper
 154 100
 153 113.4 90.1 135.1
 152 54.3 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

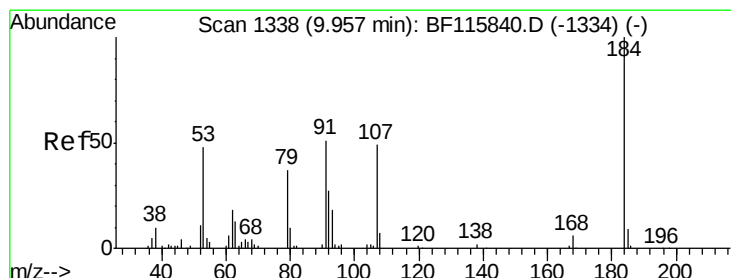
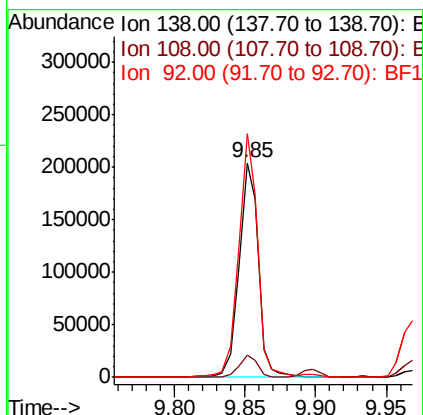
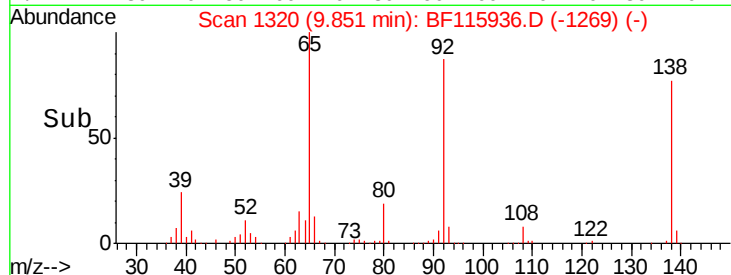
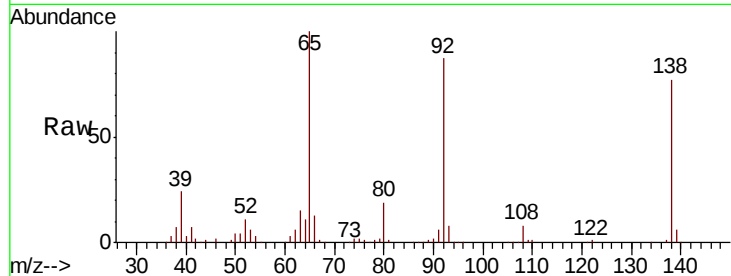




#53
 3-Nitroaniline
 Concen: 32.779 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: BF115936.D
 Acq: 2 Aug 2019 10:27

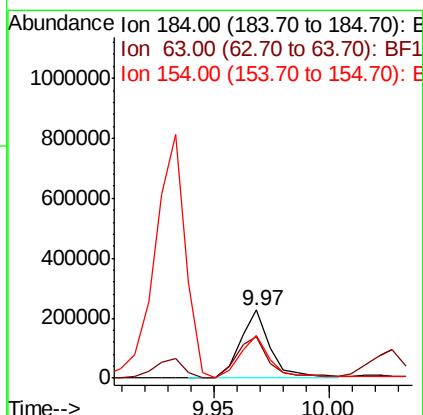
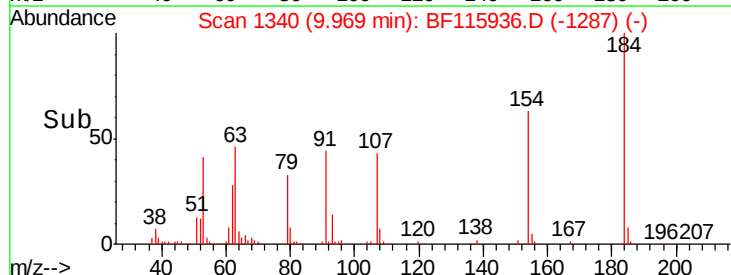
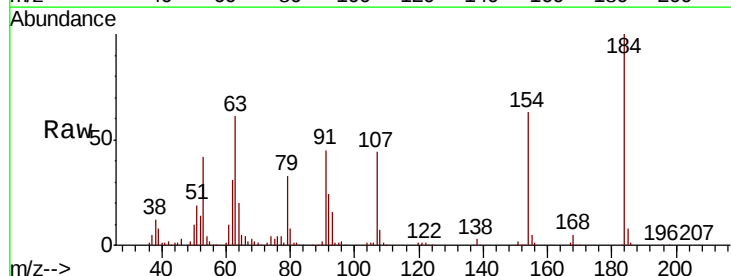
Instrument :
 BNA_F
 ClientSampleId :
 PB121887BSD

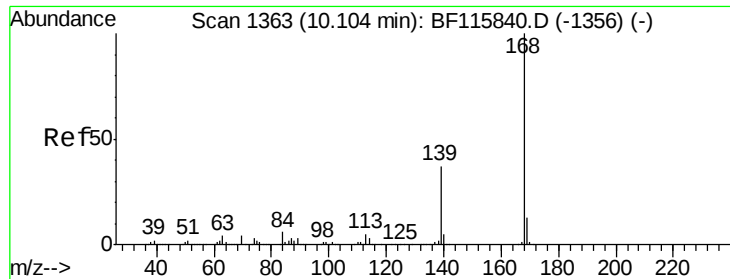
Tot Ion:138 Resp: 193148
 Ion Ratio Lower Upper
 138 100
 108 10.1 7.4 11.2
 92 113.4 83.9 125.9



#54
 2,4-Dinitrophenol
 Concen: 84.523 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. 0.01 min
 Lab File: BF115936.D
 Acq: 2 Aug 2019 10:27

Tgt Ion:184 Resp: 206193
 Ion Ratio Lower Upper
 184 100
 63 61.4 56.7 85.1
 154 62.6 51.9 77.9

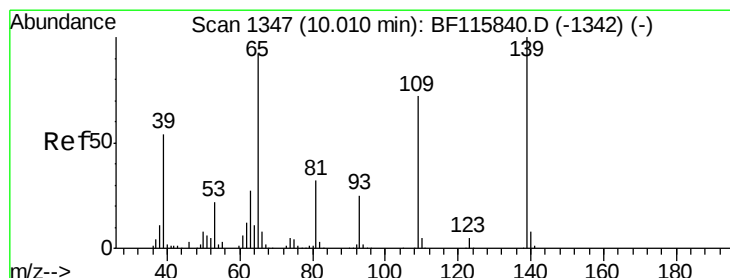
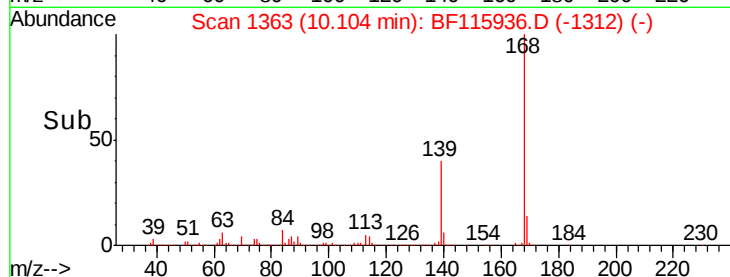
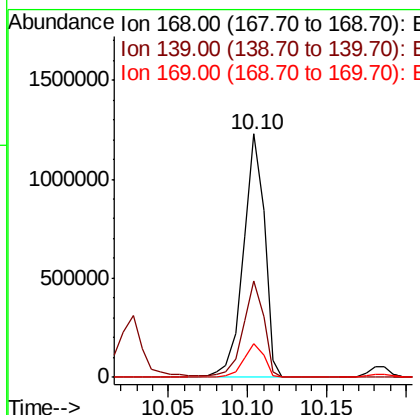
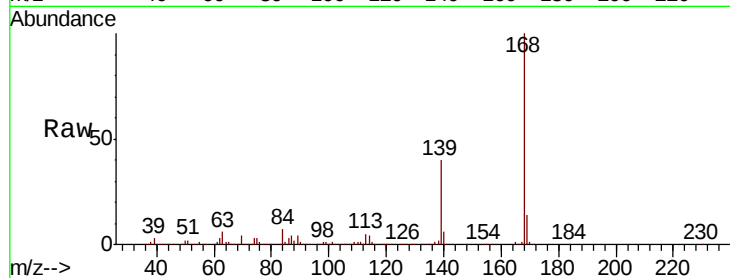




#55
Dibenzofuran
Concen: 45.812 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.00 min
Lab File: BF115936.D
Acq: 2 Aug 2019 10:27

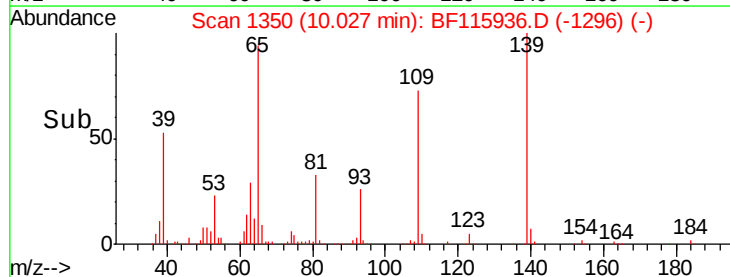
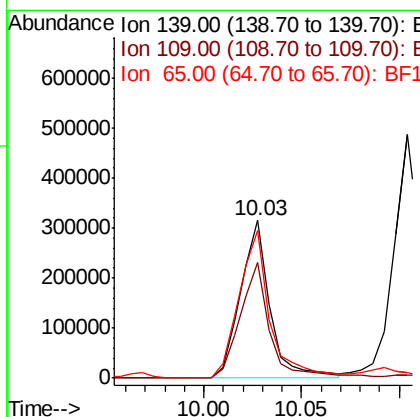
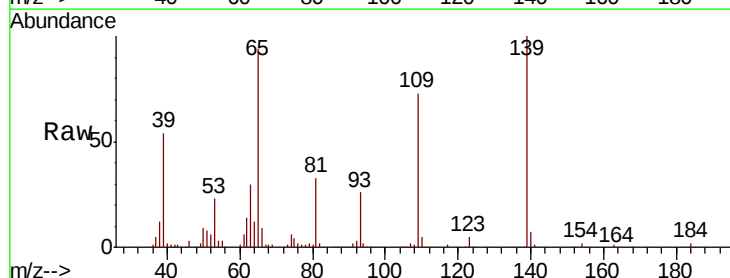
Instrument :
BNA_F
ClientSampleId :
PB121887BSD

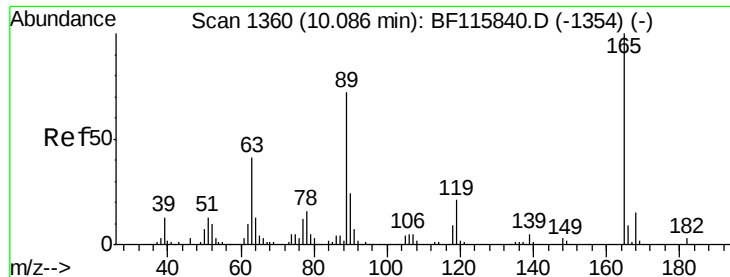
Tot Ion:168 Resp: 1129194
Ion Ratio Lower Upper
168 100
139 39.7 30.2 45.2
169 13.8 10.8 16.2



#56
4-Nitrophenol
Concen: 88.068 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.02 min
Lab File: BF115936.D
Acq: 2 Aug 2019 10:27

Tgt Ion:139 Resp: 332424
Ion Ratio Lower Upper
139 100
109 73.4 52.0 92.0
65 93.7 72.6 112.6

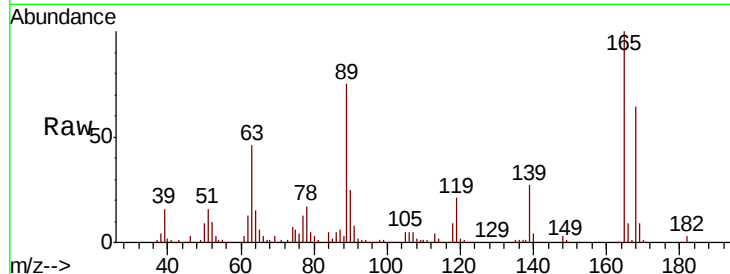




#57
2,4-Dinitrotoluene
Concen: 46.228 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.01 min
Lab File: BF115936.D
Acq: 2 Aug 2019 10:27

Instrument :
BNA_F
ClientSampleId :
PB121887BSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	45.9	33.2	49.8
89	74.8	57.3	85.9
182	2.5	2.1	3.1



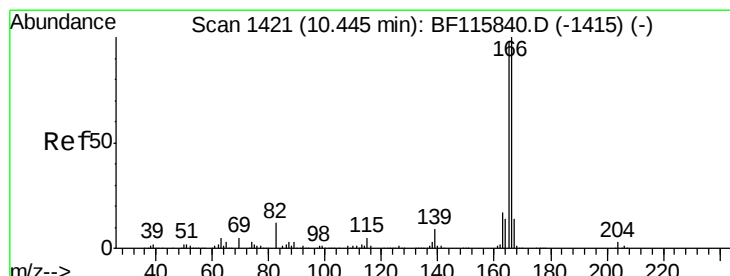
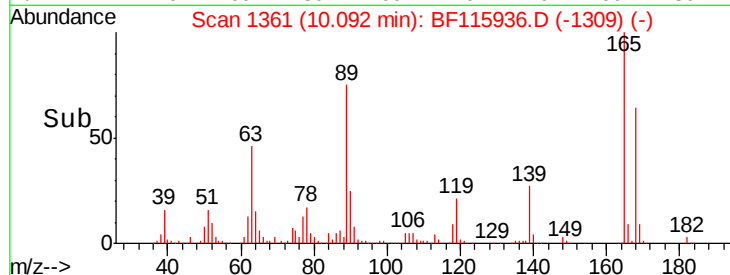
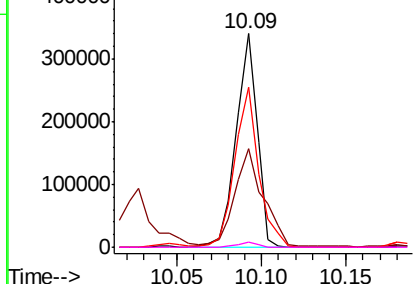
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

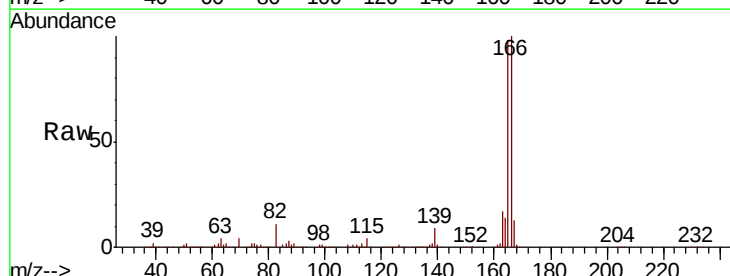
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 45.677 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.01 min
Lab File: BF115936.D
Acq: 2 Aug 2019 10:27

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.3	78.6	118.0
167	13.1	10.9	16.3

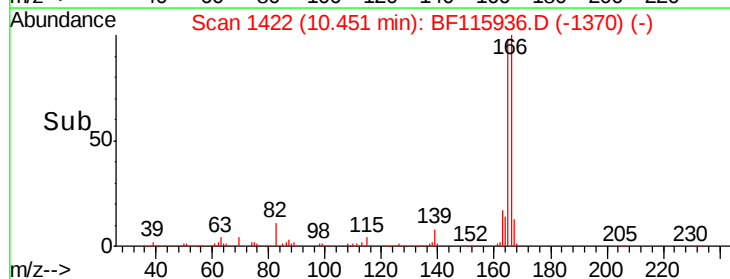
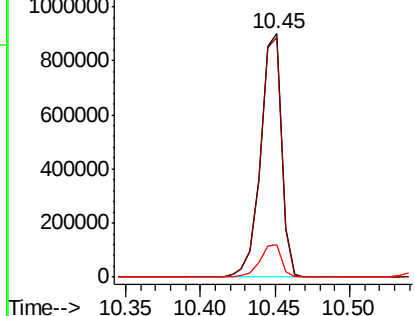


Abundance

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

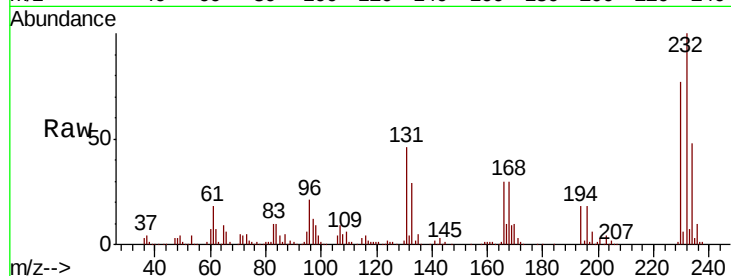




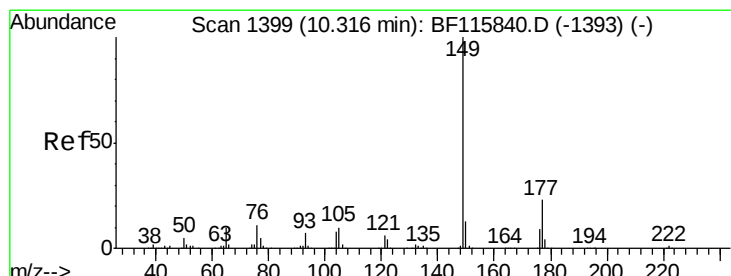
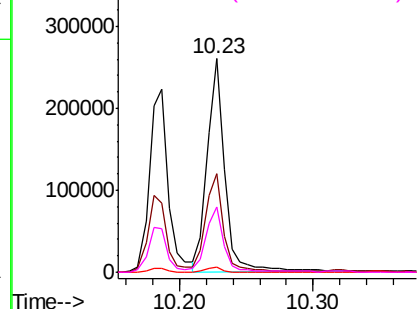
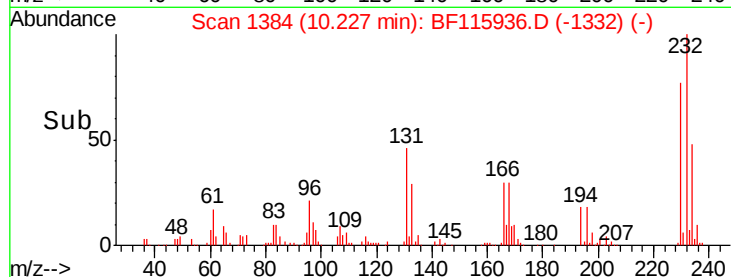
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.743 ng
 RT: 10.23 min Scan# 1384
 Delta R.T. 0.01 min
 Lab File: BF115936.D
 Acq: 2 Aug 2019 10:27

Instrument :
 BNA_F
 ClientSampleId :
 PB121887BSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	47.0	37.6	56.4
130	2.4	1.8	2.8
166	30.5	24.6	37.0

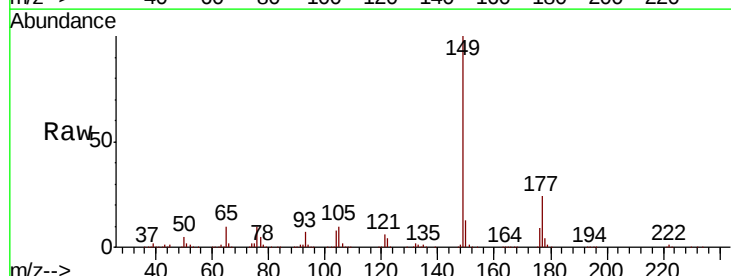


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

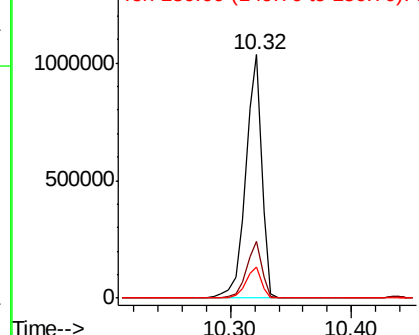
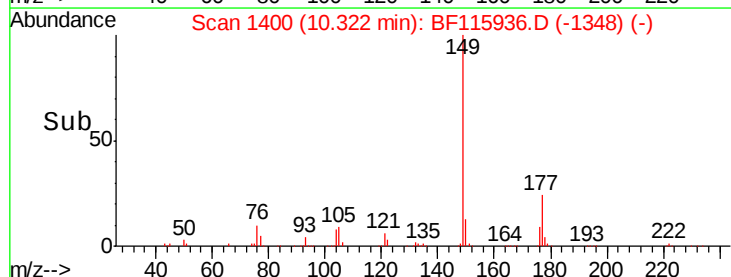


#60
 Diethylphthalate
 Concen: 46.748 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. 0.01 min
 Lab File: BF115936.D
 Acq: 2 Aug 2019 10:27

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.6	18.4	27.6
150	12.6	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

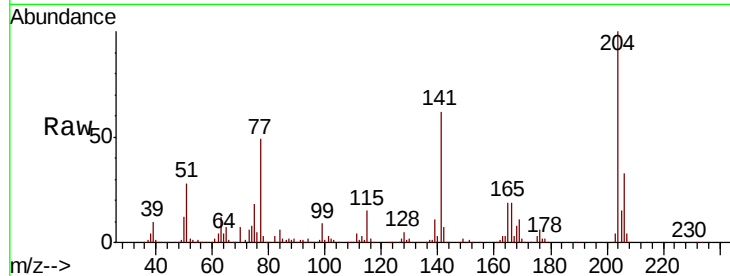




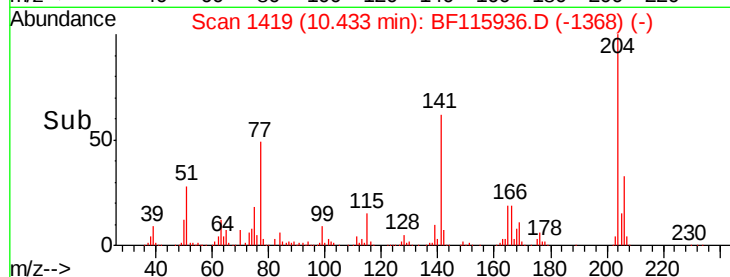
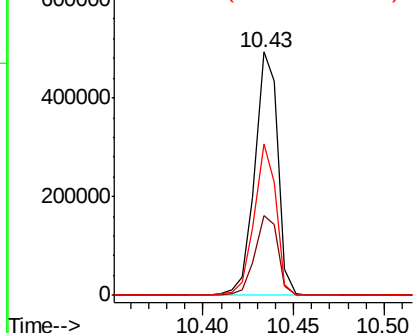
#61
4-Chlorophenyl-phenylether
Concen: 45.407 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BF115936.D
Acq: 2 Aug 2019 10:27

Instrument :
BNA_F
ClientSampleId :
PB121887BSD

Tot Ion:204 Resp: 436095
Ion Ratio Lower Upper
204 100
206 32.8 26.4 39.6
141 62.2 47.0 70.4

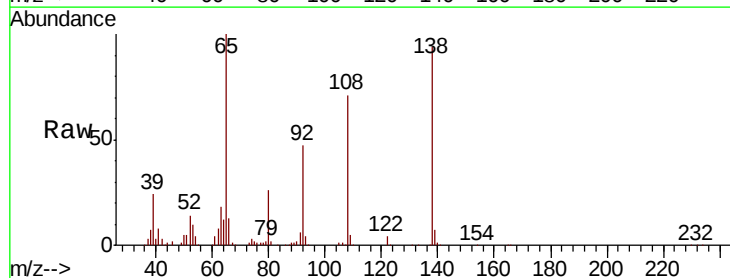


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

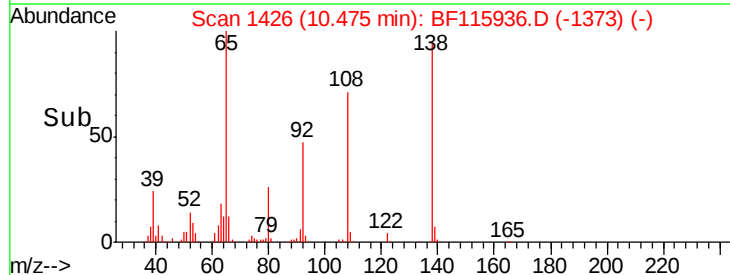
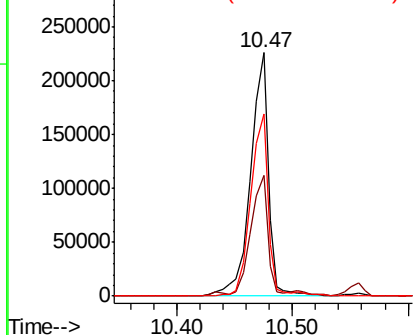


#62
4-Nitroaniline
Concen: 40.065 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.01 min
Lab File: BF115936.D
Acq: 2 Aug 2019 10:27

Tgt Ion:138 Resp: 243972
Ion Ratio Lower Upper
138 100
92 49.5 31.0 71.0
108 74.7 56.7 96.7



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

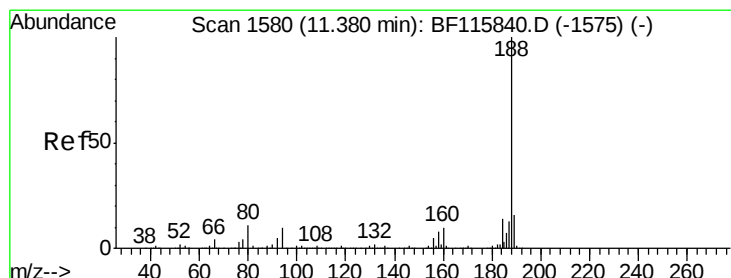
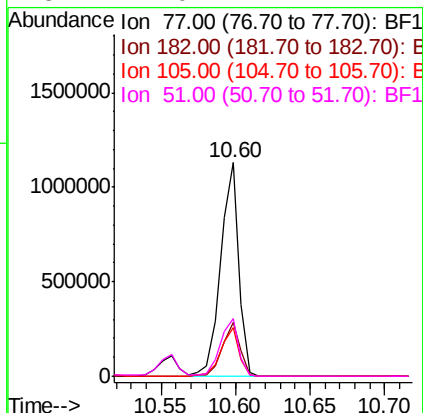
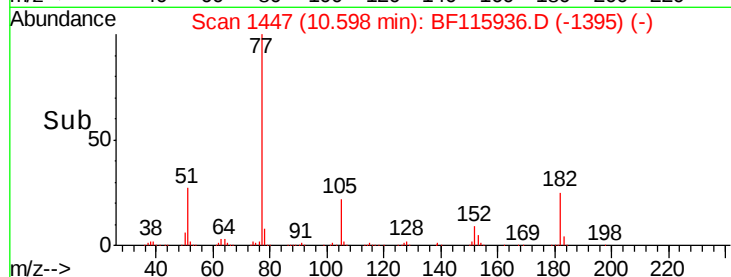
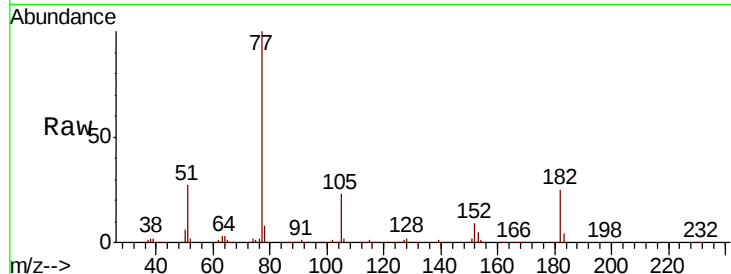




#63
Azobenzene
Concen: 45.845 ng
RT: 10.60 min Scan# 1447
Delta R.T. 0.01 min
Lab File: BF115936.D
Acq: 2 Aug 2019 10:27

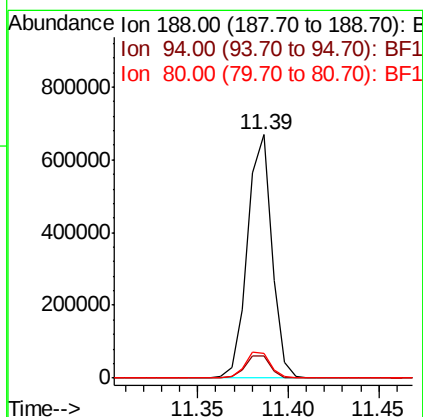
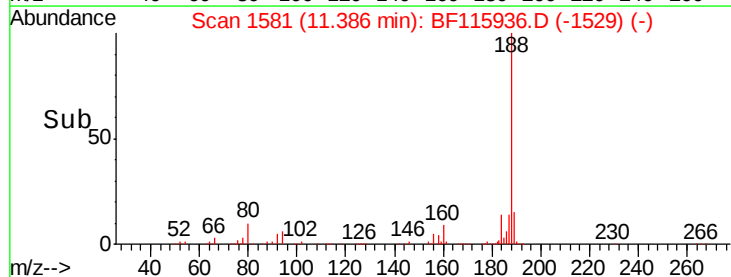
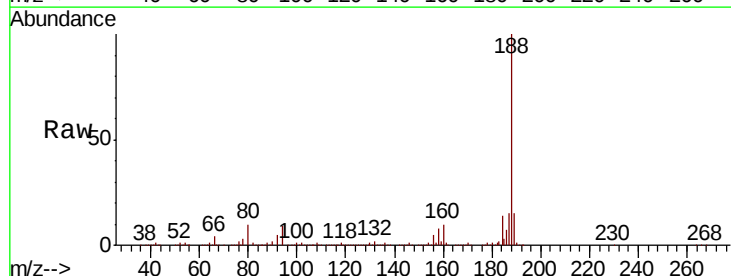
Instrument :
BNA_F
ClientSampleId :
PB121887BSD

Tot Ion: 77 Resp: 966056
Ion Ratio Lower Upper
77 100
182 25.3 2.6 42.6
105 22.6 1.6 41.6
51 27.0 7.4 47.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. 0.01 min
Lab File: BF115936.D
Acq: 2 Aug 2019 10:27

Tgt Ion: 188 Resp: 627115
Ion Ratio Lower Upper
188 100
94 9.2 8.0 12.0
80 9.9 8.6 12.8

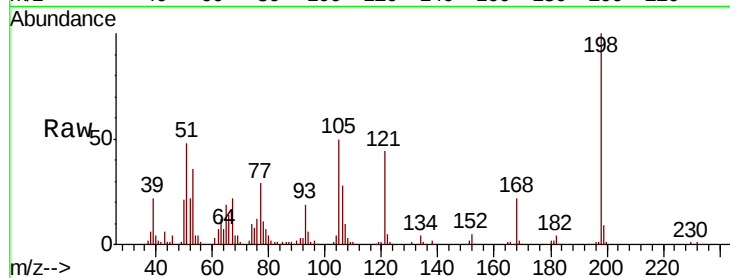




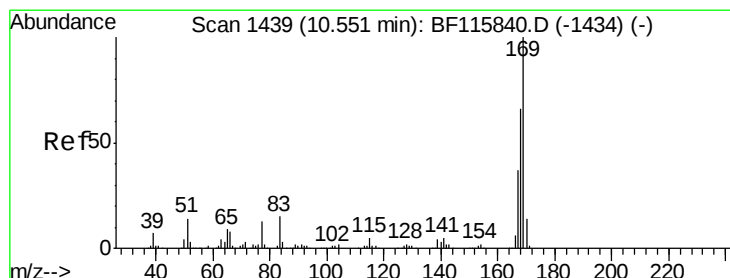
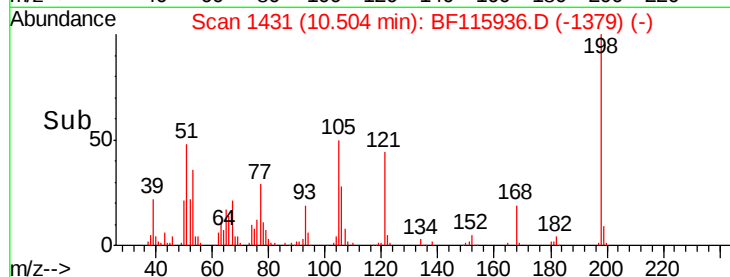
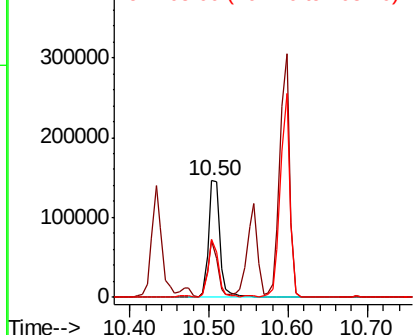
#65
4,6-Dinitro-2-methylphenol
Concen: 44.355 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.01 min
Lab File: BF115936.D
Acq: 2 Aug 2019 10:27

Instrument :
BNA_F
ClientSampleId :
PB121887BSD

Tot Ion:198 Resp: 147406
Ion Ratio Lower Upper
198 100
51 48.3 21.1 61.1
105 50.0 24.5 64.5

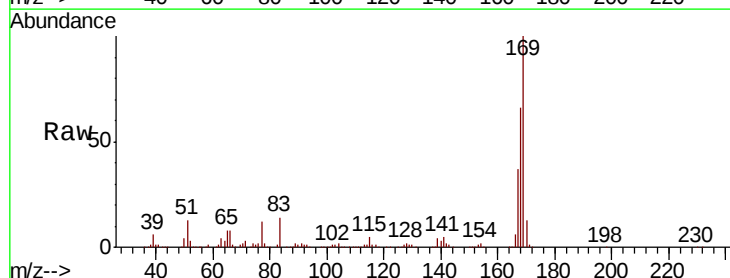


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

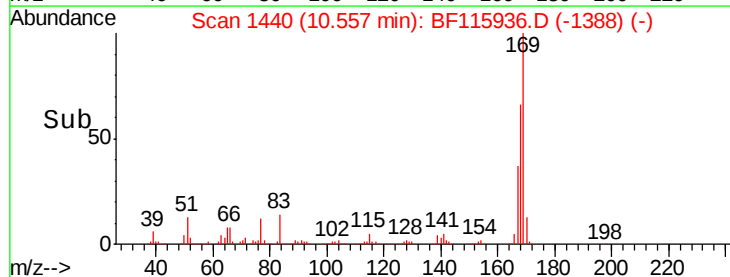
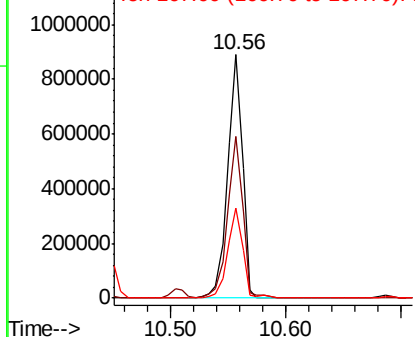


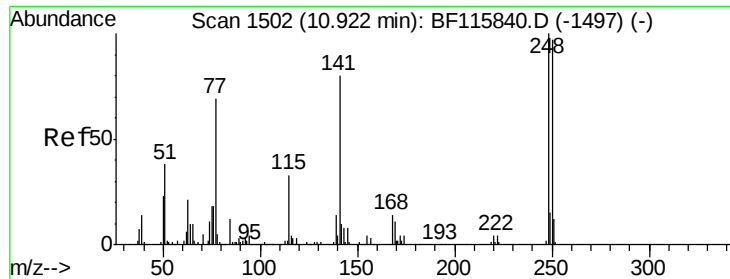
#66
n-Nitrosodiphenylamine
Concen: 41.911 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.01 min
Lab File: BF115936.D
Acq: 2 Aug 2019 10:27

Tgt Ion:169 Resp: 791101
Ion Ratio Lower Upper
169 100
168 66.2 53.0 79.6
167 37.0 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

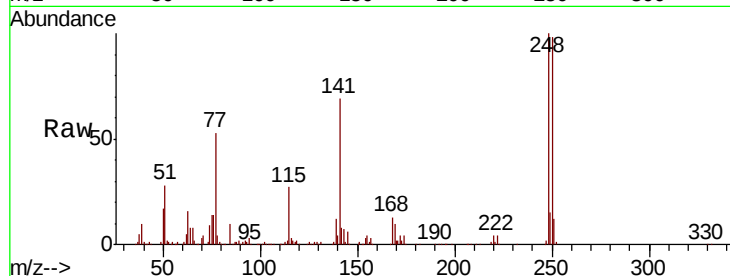




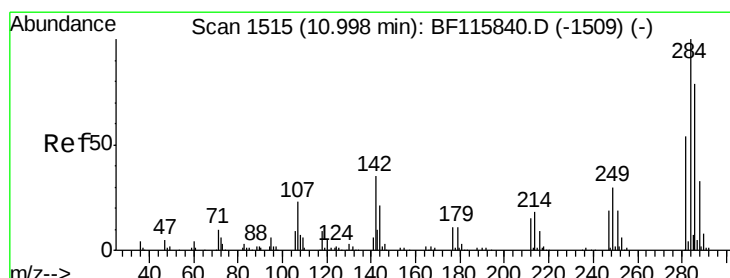
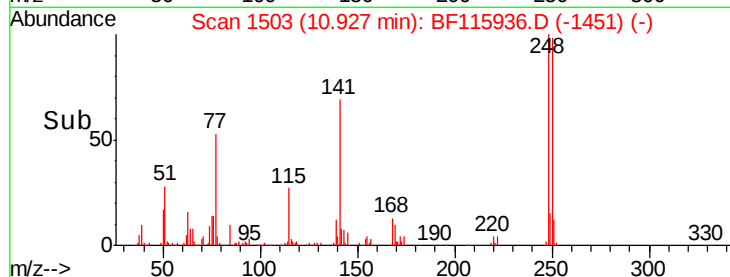
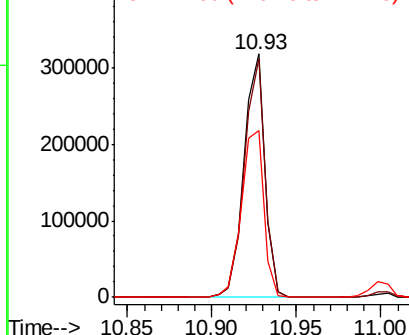
#67
4-Bromophenyl-phenylether
Concen: 41.187 ng
RT: 10.93 min Scan# 1503
Delta R.T. 0.01 min
Lab File: BF115936.D
Acq: 2 Aug 2019 10:27

Instrument :
BNA_F
ClientSampleId :
PB121887BSD

Tot Ion:248 Resp: 276499
Ion Ratio Lower Upper
248 100
250 97.7 77.8 116.6
141 68.7 64.3 96.5

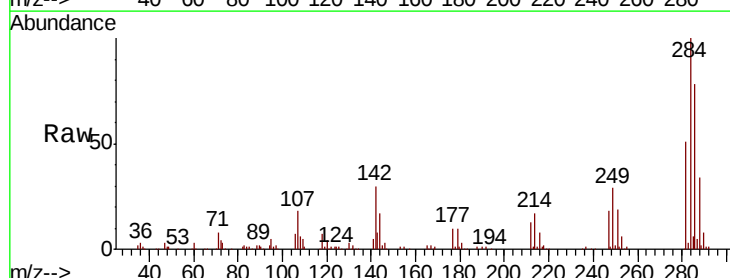


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

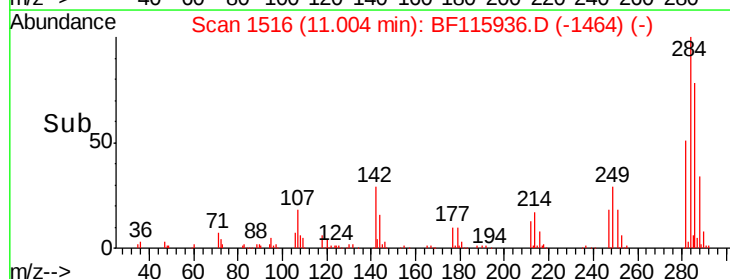
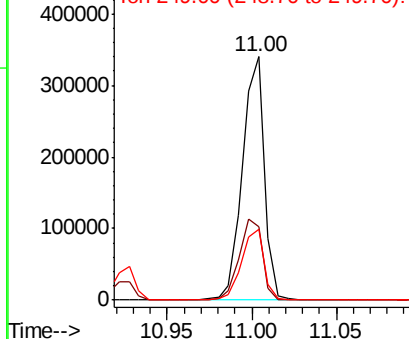


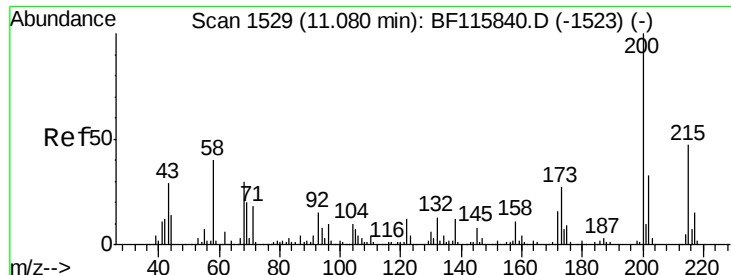
#68
Hexachlorobenzene
Concen: 39.784 ng
RT: 11.00 min Scan# 1516
Delta R.T. 0.01 min
Lab File: BF115936.D
Acq: 2 Aug 2019 10:27

Tgt Ion:284 Resp: 308836
Ion Ratio Lower Upper
284 100
142 29.9 28.2 42.2
249 29.2 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: 37.136 ng

RT: 11.09 min Scan# 1530

Delta R.T. 0.01 min

Lab File: BF115936.D

Acq: 2 Aug 2019 10:27

Instrument :

BNA_F

ClientSampleId :

PB121887BSD

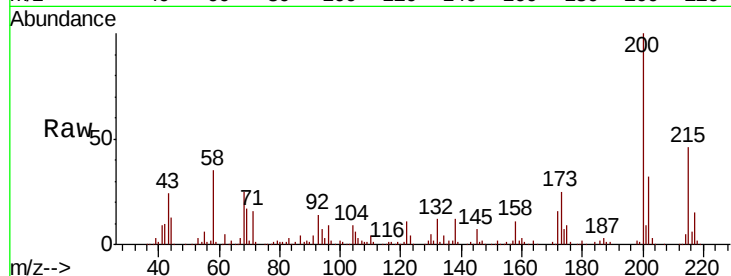
Tot Ion:200 Resp: 230605

Ion Ratio Lower Upper

200 100

173 25.5 7.3 47.3

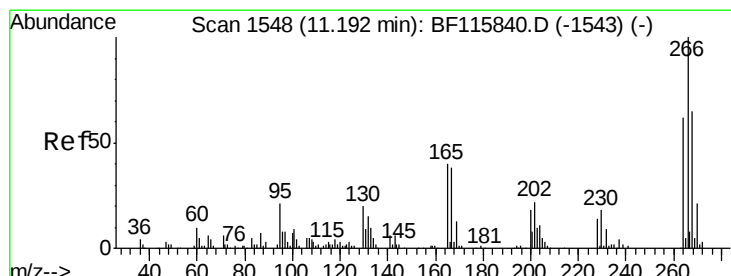
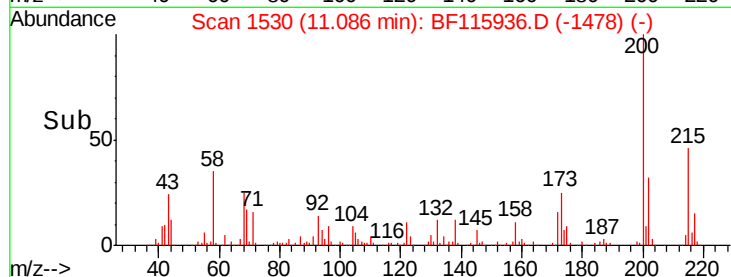
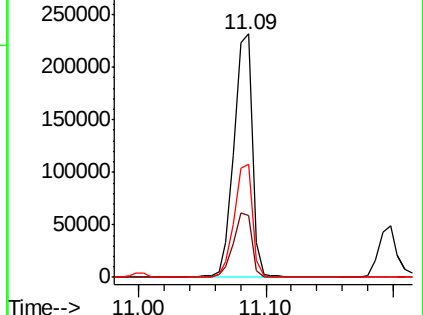
215 46.2 26.9 66.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 84.372 ng

RT: 11.20 min Scan# 1549

Delta R.T. 0.01 min

Lab File: BF115936.D

Acq: 2 Aug 2019 10:27

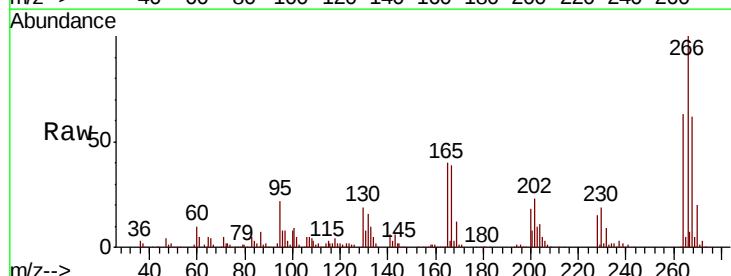
Tgt Ion:266 Resp: 317984

Ion Ratio Lower Upper

266 100

268 62.3 51.6 77.4

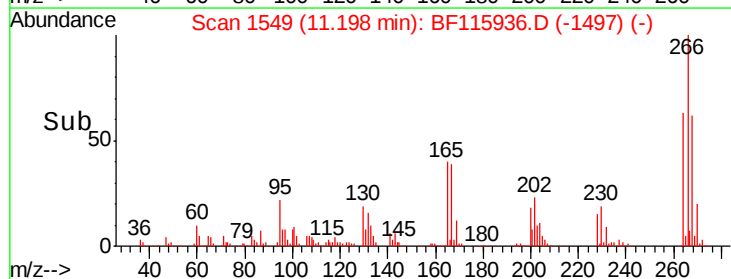
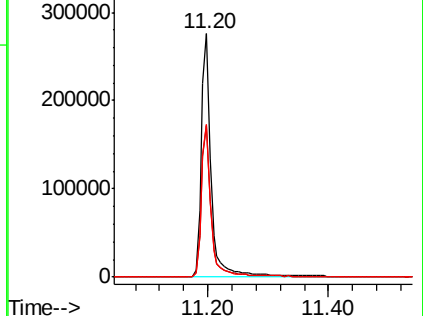
264 62.7 49.4 74.0



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

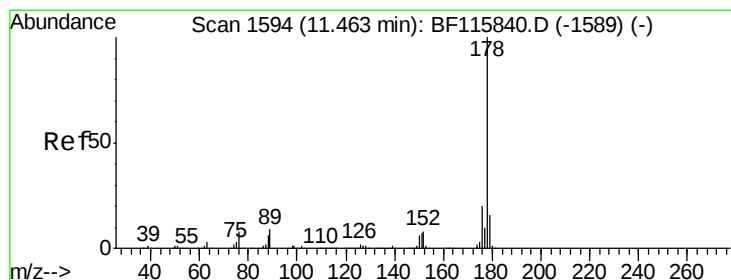
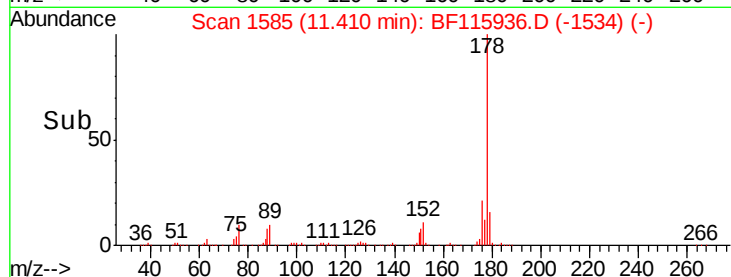
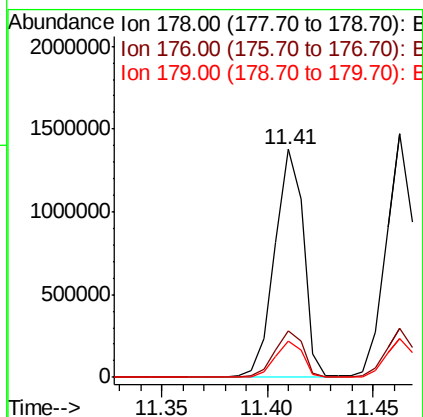
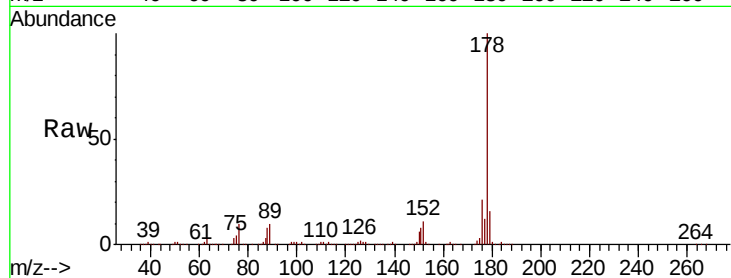




#71
Phenanthrene
Concen: 40.871 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BF115936.D
Acq: 2 Aug 2019 10:27

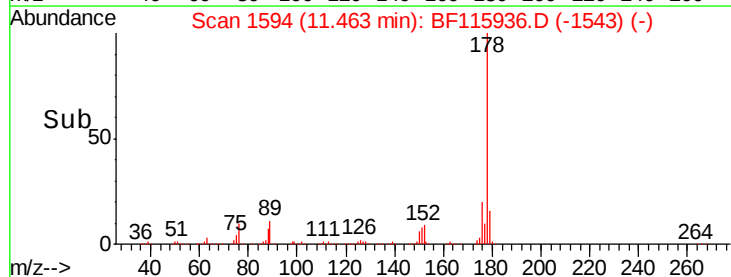
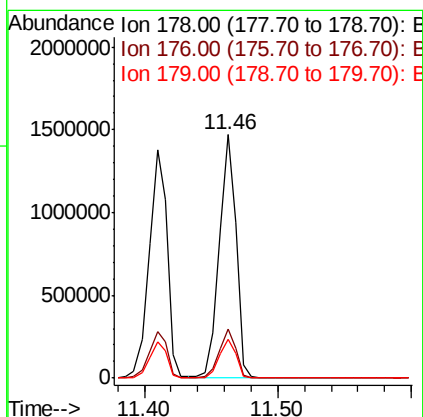
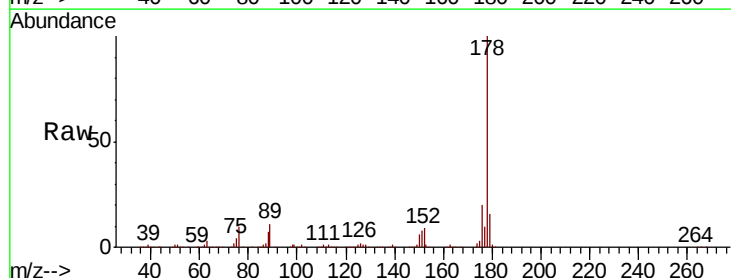
Instrument :
BNA_F
ClientSampleId :
PB121887BSD

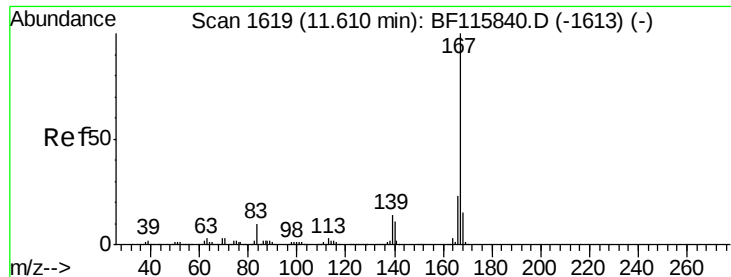
Tot Ion:178 Resp: 1310315
Ion Ratio Lower Upper
178 100
176 20.7 16.5 24.7
179 16.0 12.6 18.8



#72
Anthracene
Concen: 40.758 ng
RT: 11.46 min Scan# 1594
Delta R.T. 0.00 min
Lab File: BF115936.D
Acq: 2 Aug 2019 10:27

Tgt Ion:178 Resp: 1322419
Ion Ratio Lower Upper
178 100
176 20.3 15.7 23.5
179 16.1 12.4 18.6





#73

Carbazole

Concen: 41.084 ng

RT: 11.62 min Scan# 1620

Delta R.T. 0.01 min

Lab File: BF115936.D

Acq: 2 Aug 2019 10:27

Instrument :

BNA_F

ClientSampleId :

PB121887BSD

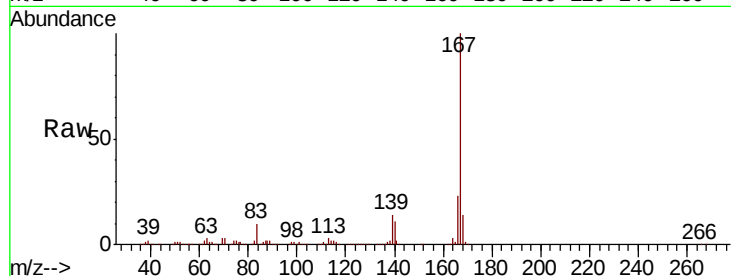
Tot Ion:167 Resp: 1209352

Ion Ratio Lower Upper

167 100

166 22.6 18.0 27.0

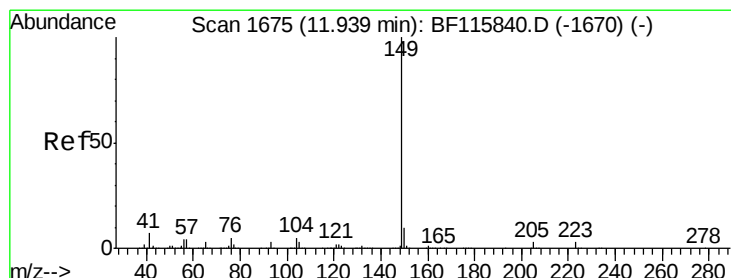
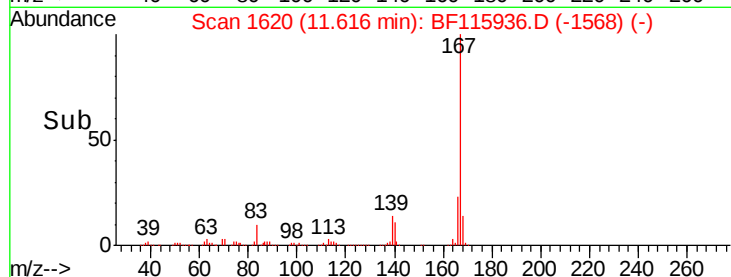
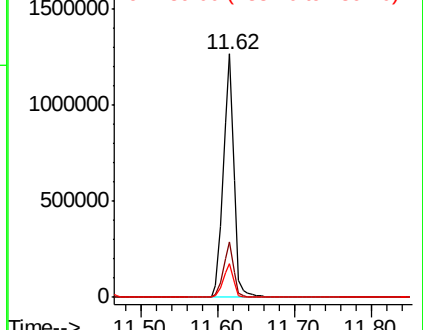
139 14.0 11.4 17.2



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: 43.030 ng

RT: 11.94 min Scan# 1675

Delta R.T. 0.00 min

Lab File: BF115936.D

Acq: 2 Aug 2019 10:27

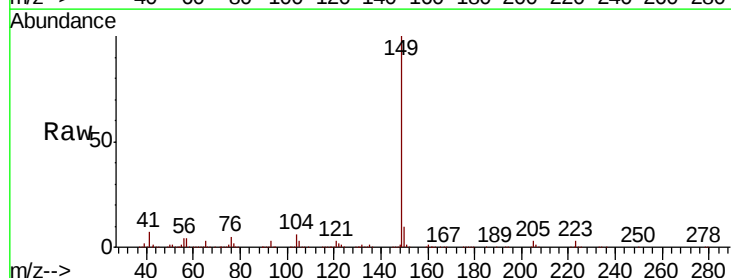
Tgt Ion:149 Resp: 1477593

Ion Ratio Lower Upper

149 100

150 10.0 7.7 11.5

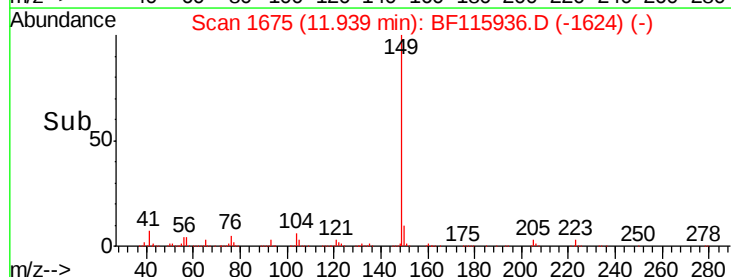
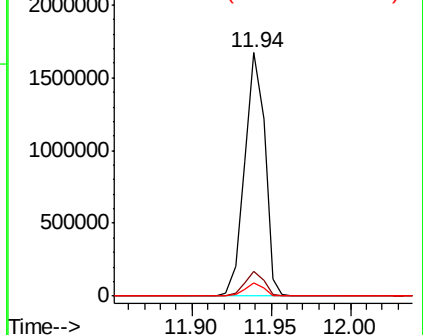
104 5.5 4.3 6.5

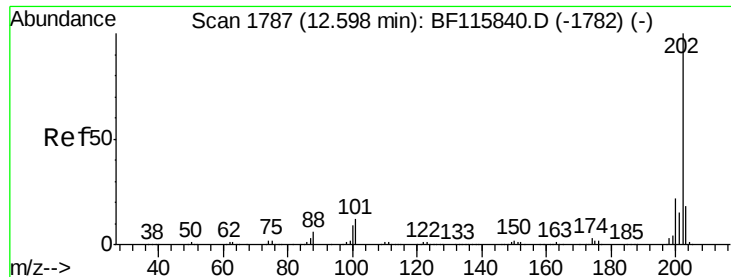


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



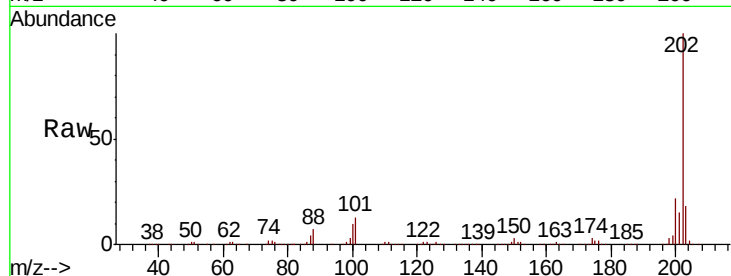


#75
 Fluoranthene
 Concen: 40.802 ng
 RT: 12.60 min Scan# 1787
 Delta R.T. 0.00 min
 Lab File: BF115936.D
 Acq: 2 Aug 2019 10:27

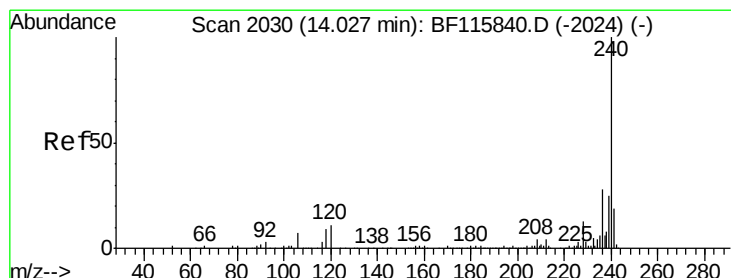
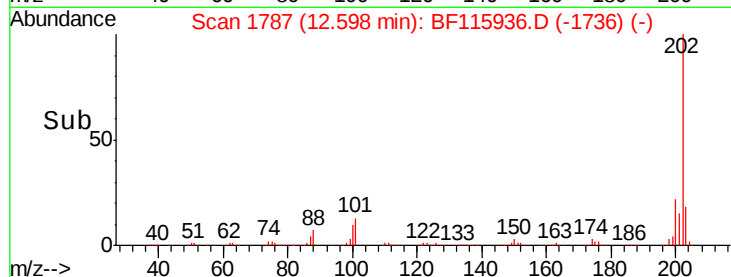
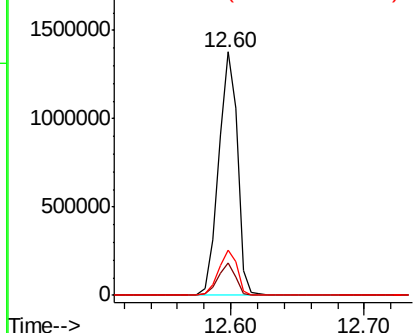
Instrument :
 BNA_F
 ClientSampleId :
 PB121887BSD

Tot Ion:202 Resp: 1369457

Ion	Ratio	Lower	Upper
202	100		
101	13.3	0.0	31.5
203	18.5	0.0	37.9



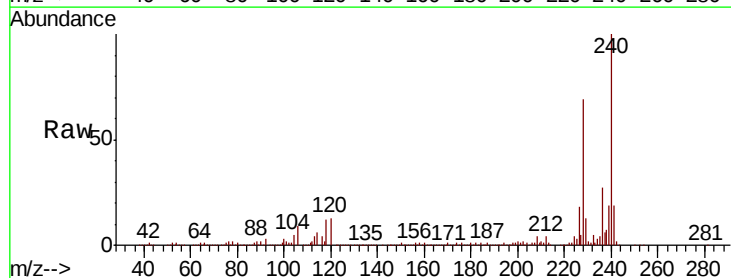
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E



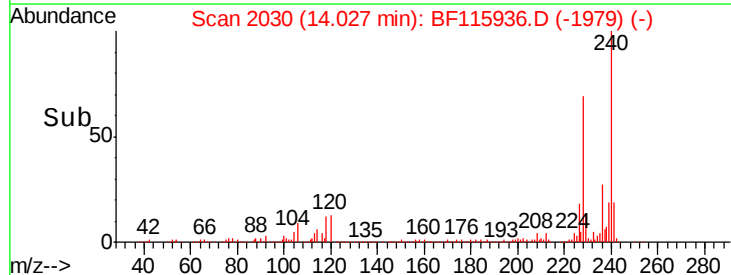
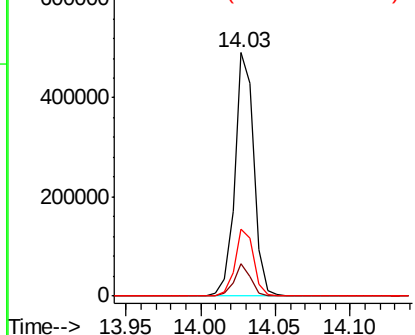
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. 0.00 min
 Lab File: BF115936.D
 Acq: 2 Aug 2019 10:27

Tgt Ion:240 Resp: 439806

Ion	Ratio	Lower	Upper
240	100		
120	13.2	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: 15.937 ng

RT: 12.72 min Scan# 1807

Delta R.T. 0.01 min

Lab File: BF115936.D

Acq: 2 Aug 2019 10:27

Instrument :

BNA_F

ClientSampleId :

PB121887BSD

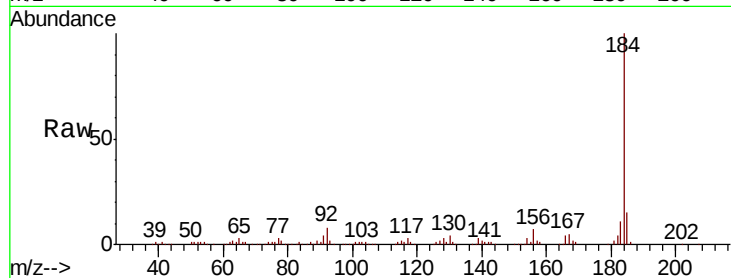
Tot Ion:184 Resp: 236796

Ion Ratio Lower Upper

184 100

185 14.6 13.4 20.2

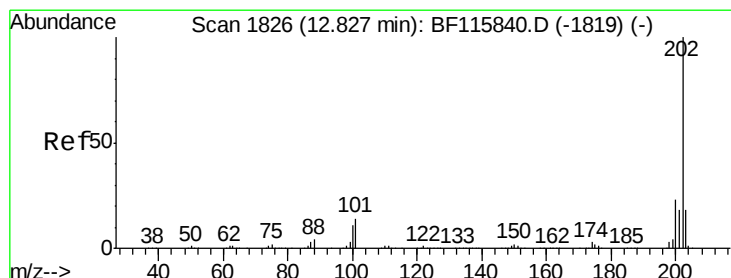
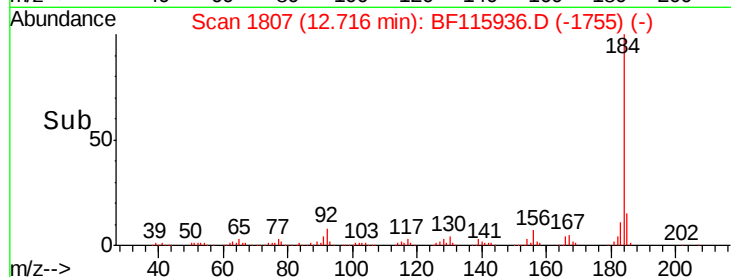
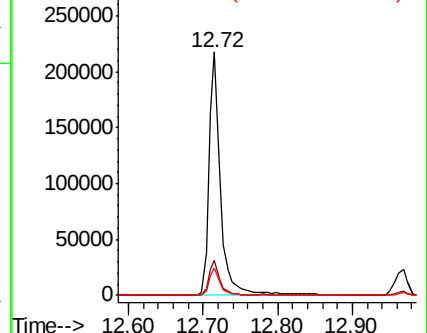
183 11.3 9.1 13.7



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: 42.237 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.00 min

Lab File: BF115936.D

Acq: 2 Aug 2019 10:27

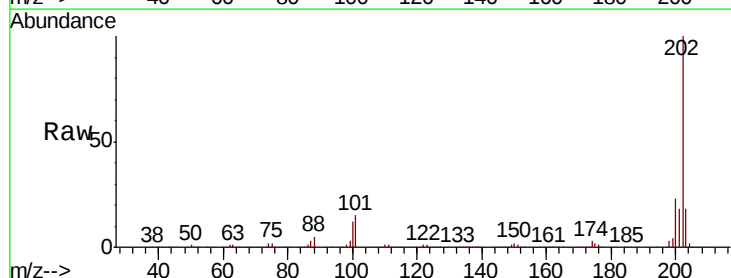
Tgt Ion:202 Resp: 1400286

Ion Ratio Lower Upper

202 100

200 22.8 18.2 27.2

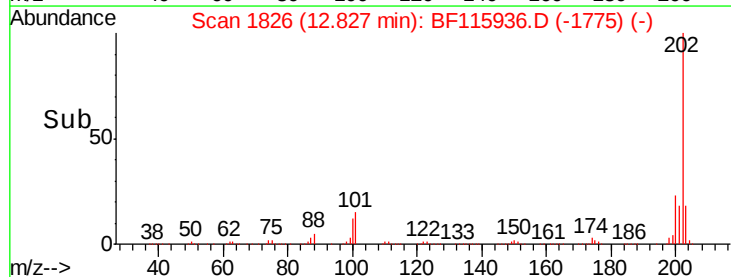
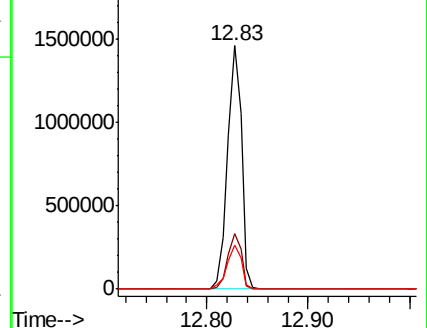
203 18.0 14.3 21.5



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: 86.748 ng

RT: 12.97 min Scan# 1850

Delta R.T. 0.00 min

Lab File: BF115936.D

Acq: 2 Aug 2019 10:27

Instrument :

BNA_F

ClientSampleId :

PB121887BSD

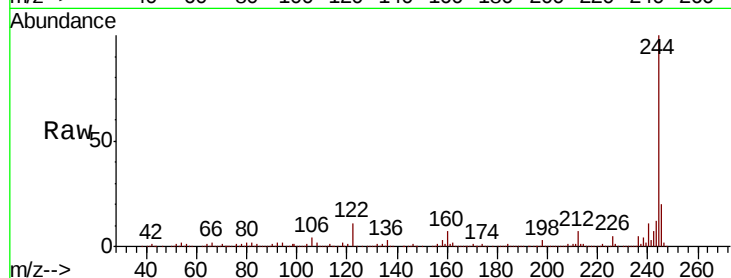
Tot Ion:244 Resp: 1810602

Ion Ratio Lower Upper

244 100

212 7.4 5.6 8.4

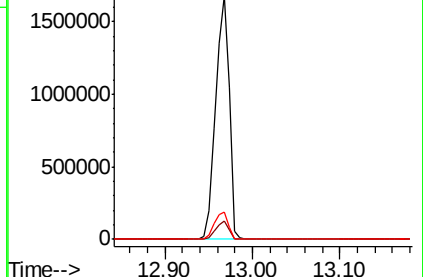
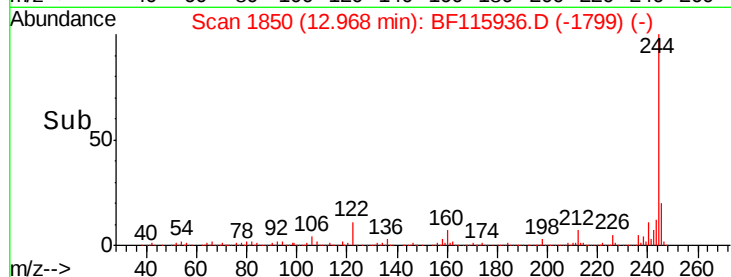
122 11.5 8.6 13.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 45.156 ng

RT: 13.44 min Scan# 1930

Delta R.T. 0.00 min

Lab File: BF115936.D

Acq: 2 Aug 2019 10:27

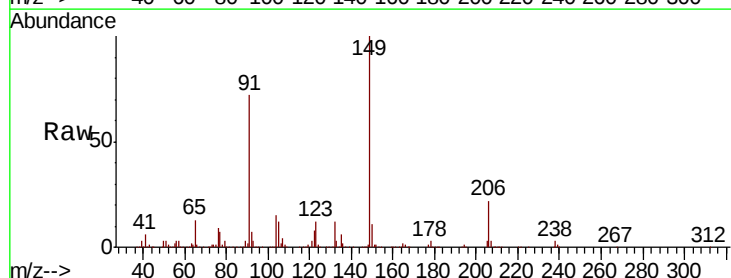
Tgt Ion:149 Resp: 633265

Ion Ratio Lower Upper

149 100

91 72.0 57.0 85.6

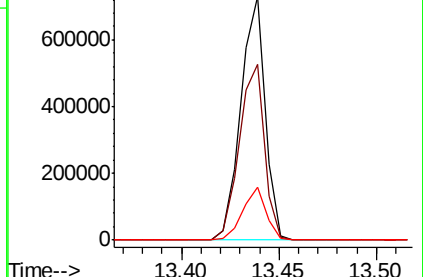
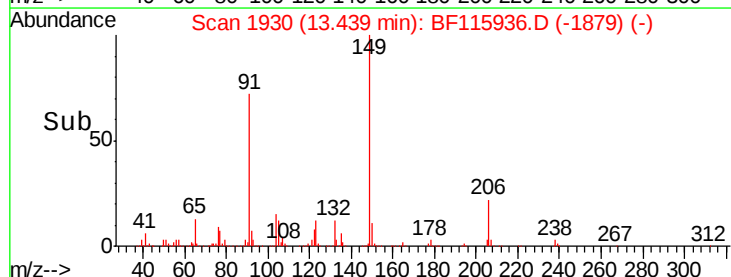
206 21.7 16.9 25.3

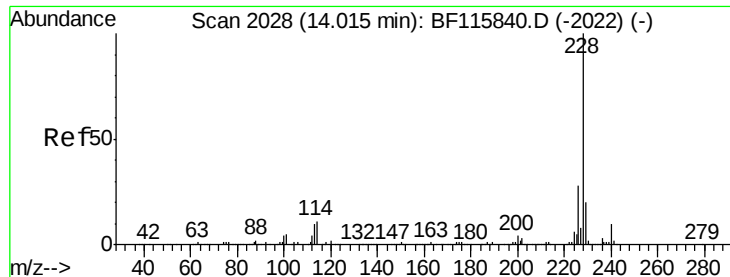


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.624 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.00 min

Lab File: BF115936.D

Acq: 2 Aug 2019 10:27

Instrument :

BNA_F

ClientSampleId :

PB121887BSD

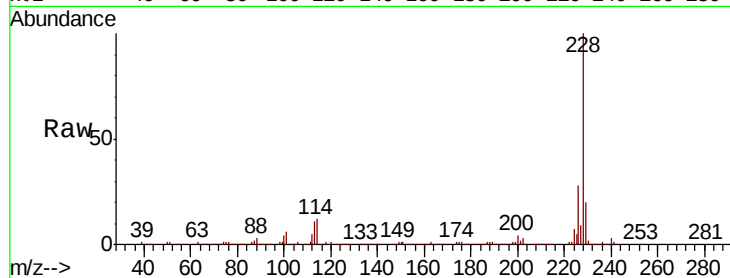
Tot Ion:228 Resp: 1170093

Ion Ratio Lower Upper

228 100

226 28.2 22.5 33.7

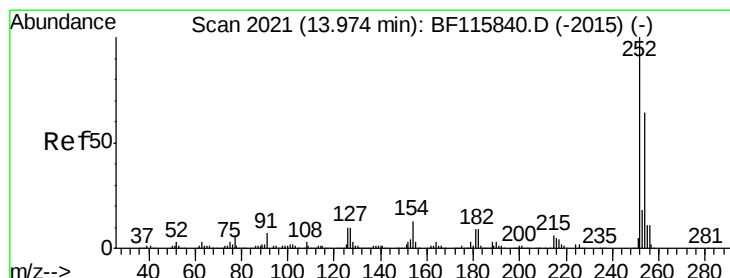
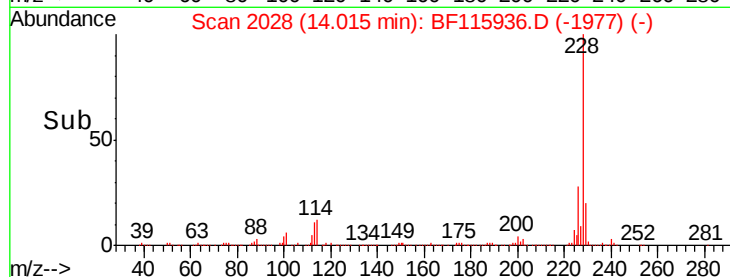
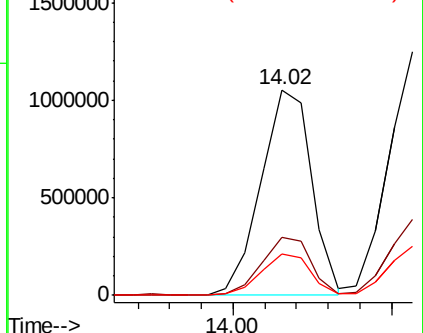
229 20.4 16.1 24.1



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: 36.758 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.00 min

Lab File: BF115936.D

Acq: 2 Aug 2019 10:27

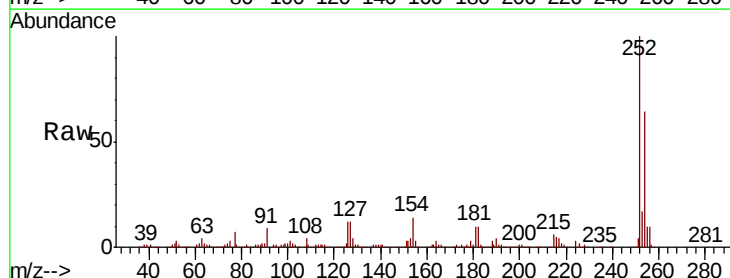
Tgt Ion:252 Resp: 358990

Ion Ratio Lower Upper

252 100

254 64.5 51.2 76.8

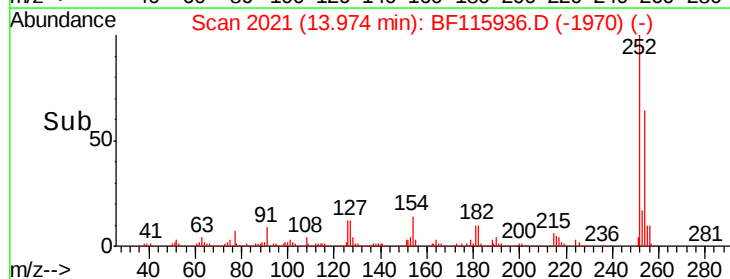
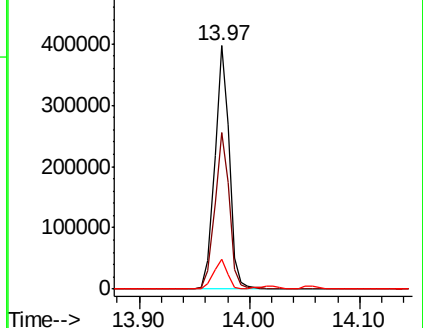
126 12.2 8.1 12.1#

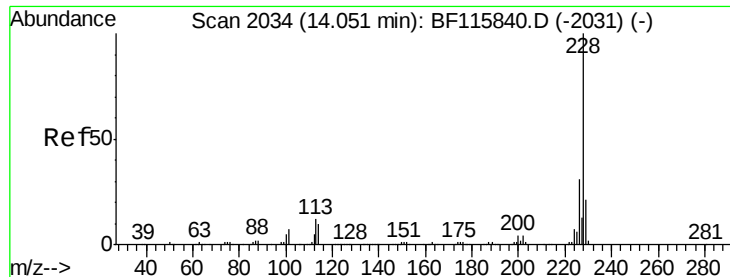


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 42.319 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.01 min

Lab File: BF115936.D

Acq: 2 Aug 2019 10:27

Instrument :

BNA_F

ClientSampleId :

PB121887BSD

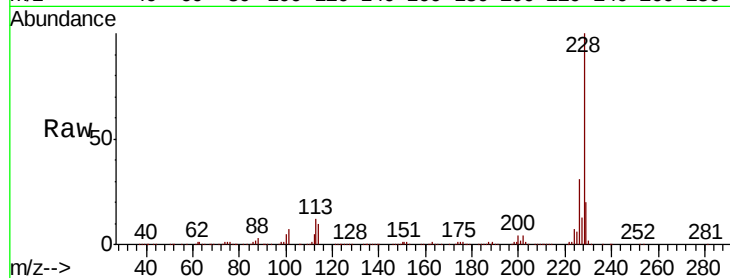
Tot Ion:228 Resp: 1154935

Ion Ratio Lower Upper

228 100

226 31.3 24.8 37.2

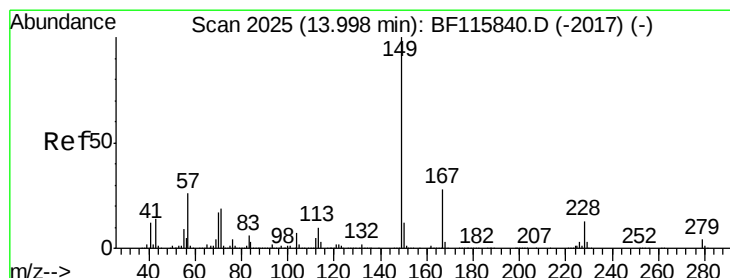
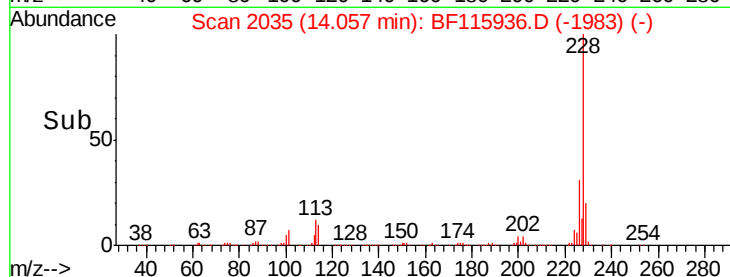
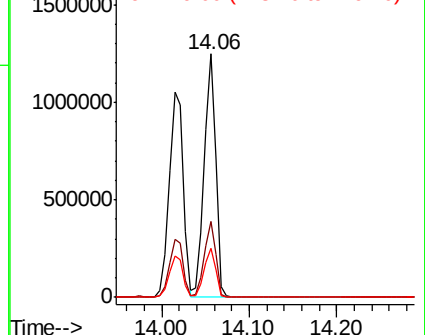
229 20.1 16.4 24.6



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: 47.547 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF115936.D

Acq: 2 Aug 2019 10:27

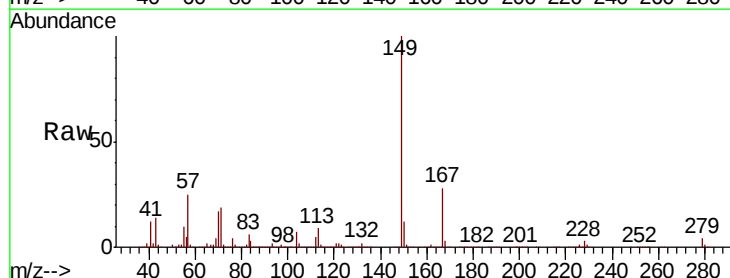
Tgt Ion:149 Resp: 866504

Ion Ratio Lower Upper

149 100

167 27.6 22.4 33.6

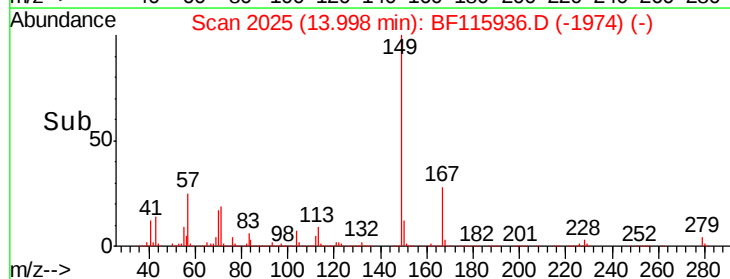
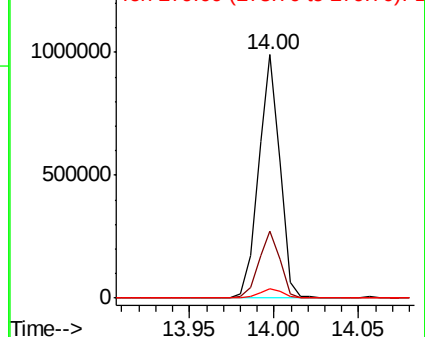
279 4.0 3.3 4.9

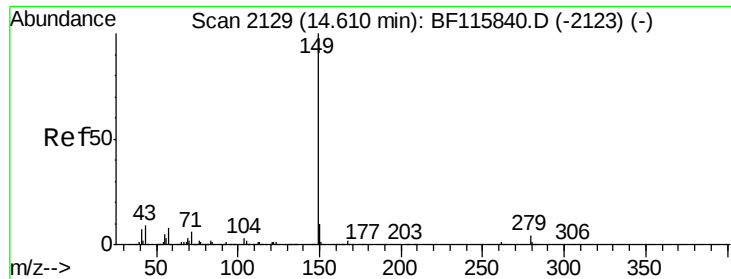


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

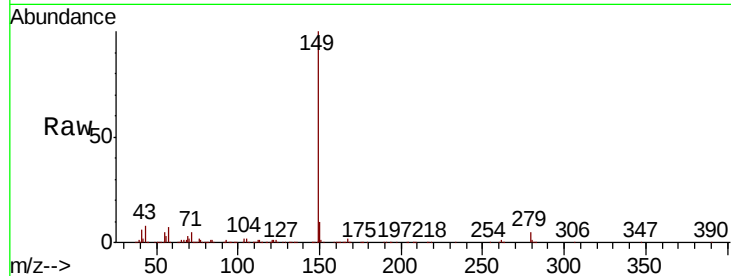




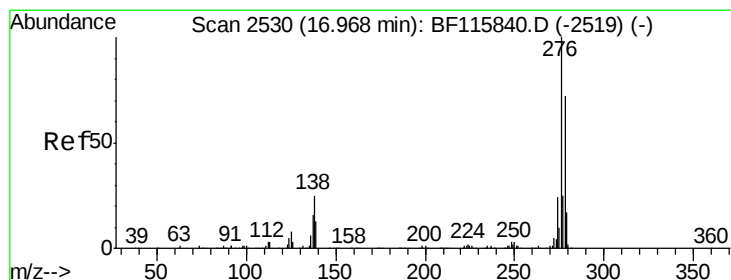
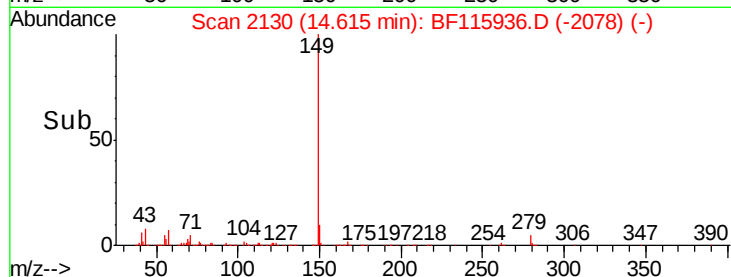
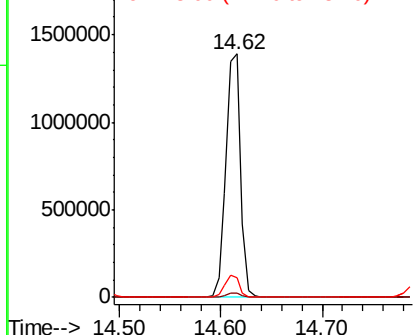
#85
Di-n-octyl phthalate
Concen: 48.092 ng
RT: 14.62 min Scan# 2130
Delta R.T. 0.01 min
Lab File: BF115936.D
Acq: 2 Aug 2019 10:27

Instrument :
BNA_F
ClientSampleId :
PB121887BSD

Tot Ion:149 Resp: 1392081
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.0 7.4 11.0

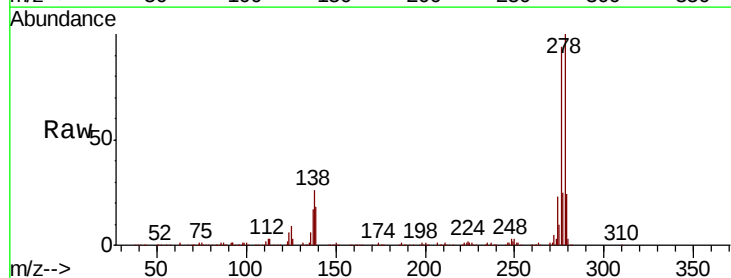


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

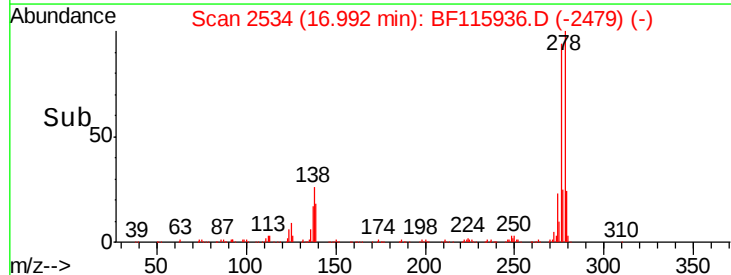
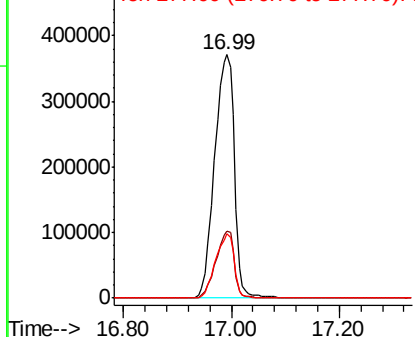


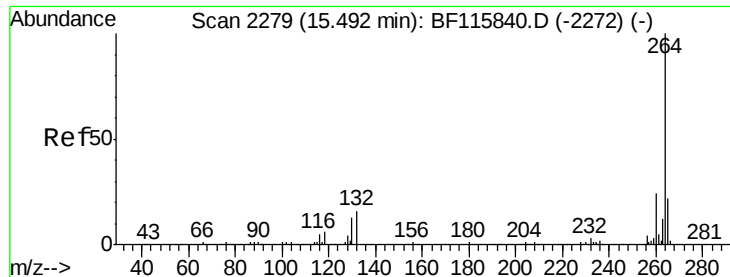
#86
Indeno(1,2,3-cd)pyrene
Concen: 41.653 ng
RT: 16.99 min Scan# 2534
Delta R.T. 0.02 min
Lab File: BF115936.D
Acq: 2 Aug 2019 10:27

Tgt Ion:276 Resp: 954753
Ion Ratio Lower Upper
276 100
138 25.8 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: 15.50 min Scan# 2280

Delta R.T. 0.01 min

Lab File: BF115936.D

Acq: 2 Aug 2019 10:27

Instrument :

BNA_F

ClientSampleId :

PB121887BSD

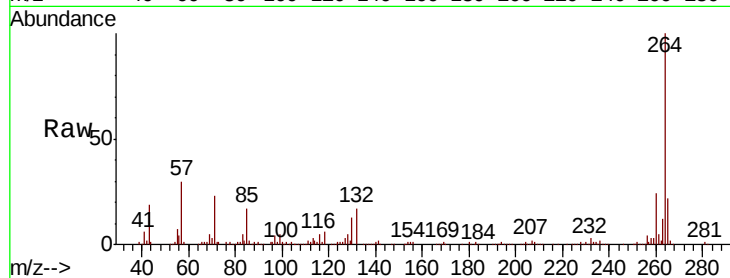
Tot Ion:264 Resp: 288583

Ion Ratio Lower Upper

264 100

260 24.1 19.4 29.2

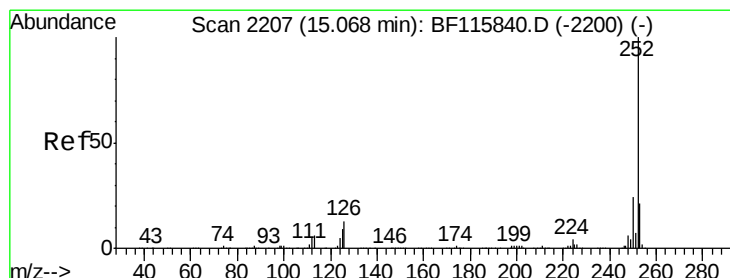
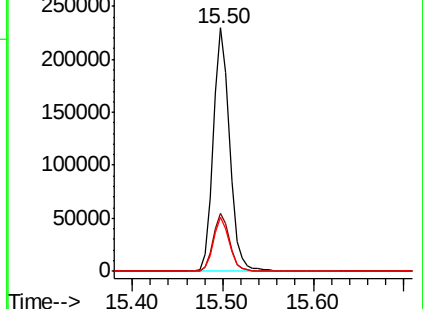
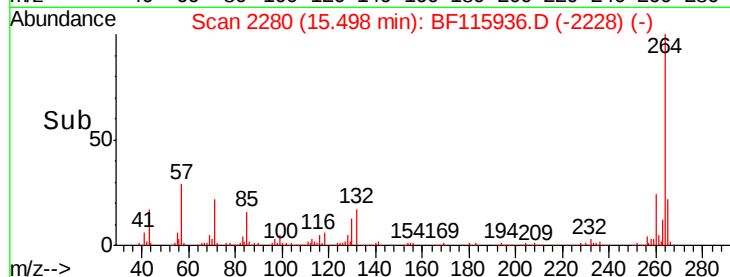
265 22.3 17.5 26.3



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: 62.648 ng

RT: 15.07 min Scan# 2208

Delta R.T. 0.01 min

Lab File: BF115936.D

Acq: 2 Aug 2019 10:27

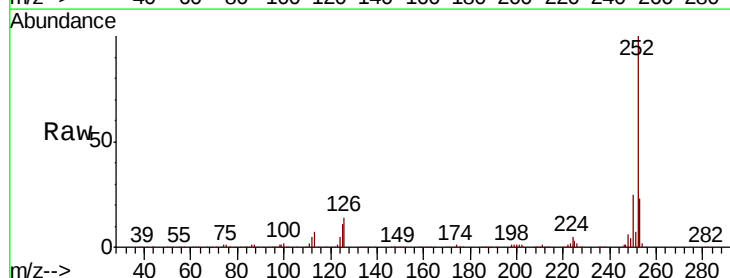
Tgt Ion:252 Resp: 1045357

Ion Ratio Lower Upper

252 100

253 22.5 17.2 25.8

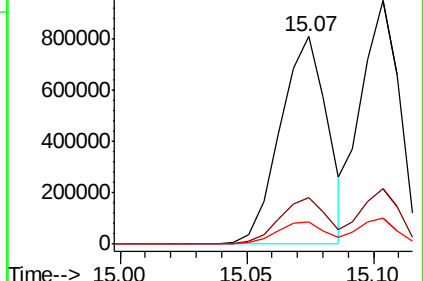
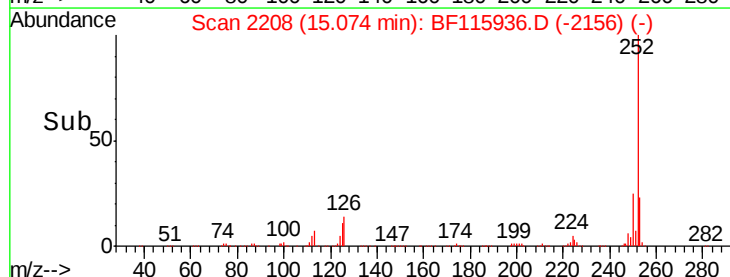
125 10.7 7.4 11.0

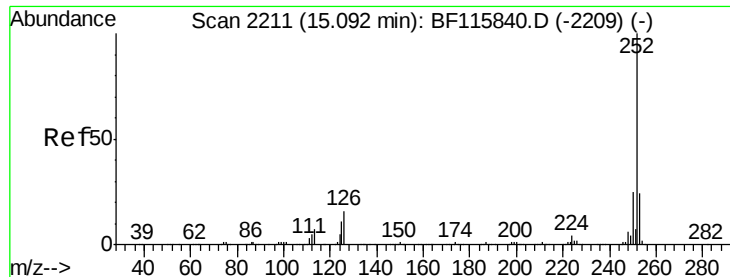


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

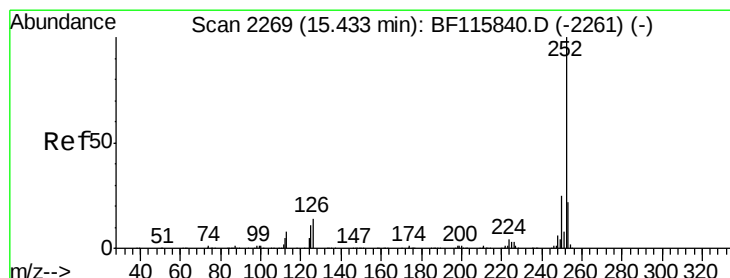
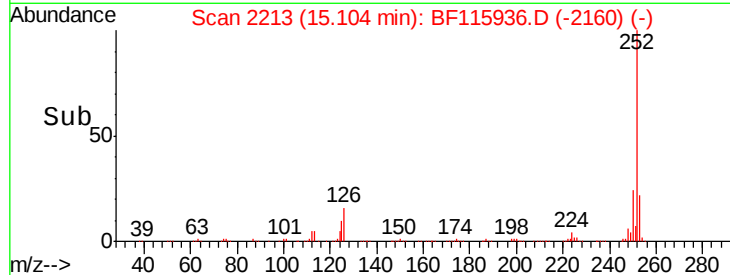
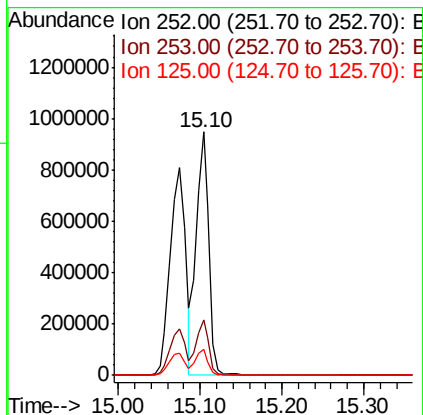
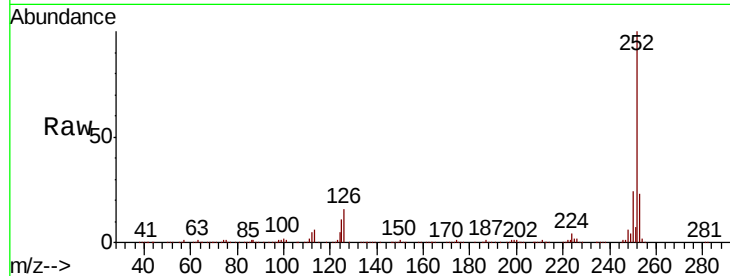




#89
Benzo(k)fluoranthene
Concen: 62.575 ng
RT: 15.10 min Scan# 2213
Delta R.T. 0.01 min
Lab File: BF115936.D
Acq: 2 Aug 2019 10:27

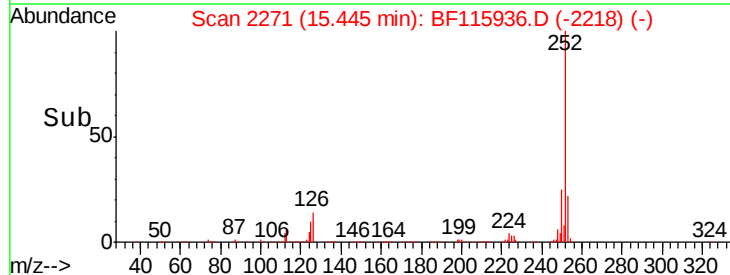
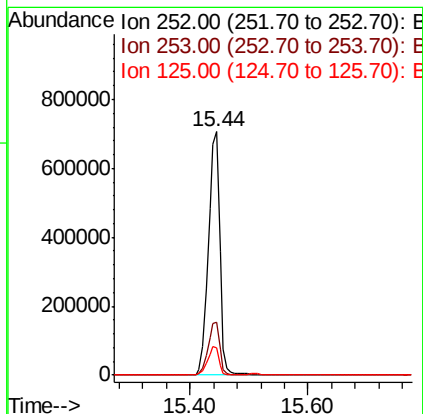
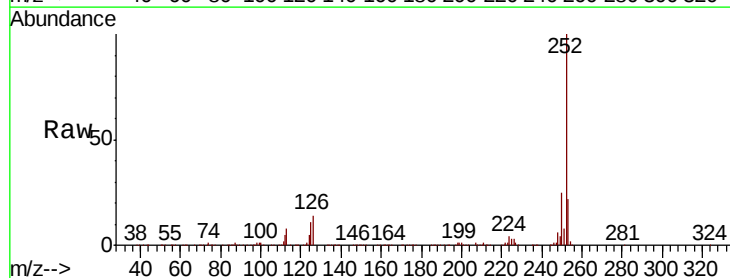
Instrument :
BNA_F
ClientSampleId :
PB121887BSD

Tot Ion:252 Resp: 1016999
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.4
125 10.8 8.9 13.3



#90
Benzo(a)pyrene
Concen: 64.385 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.01 min
Lab File: BF115936.D
Acq: 2 Aug 2019 10:27

Tgt Ion:252 Resp: 960377
Ion Ratio Lower Upper
252 100
253 21.6 17.8 26.6
125 11.0 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 62.602 ng

RT: 17.00 min Scan# 2535

Delta R.T. 0.02 min

Lab File: BF115936.D

Acq: 2 Aug 2019 10:27

Instrument :

BNA_F

ClientSampleId :

PB121887BSD

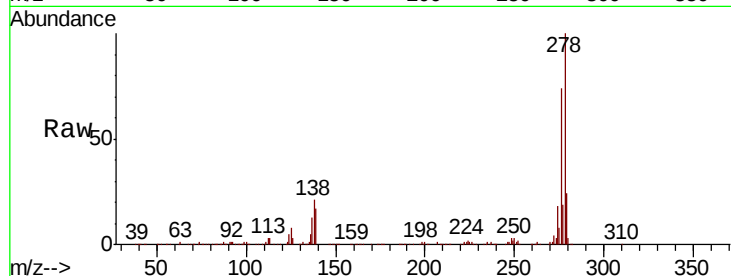
Tot Ion:278 Resp: 808292

Ion Ratio Lower Upper

278 100

139 16.9 12.6 19.0

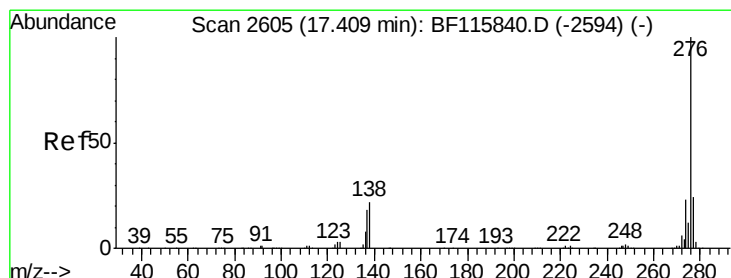
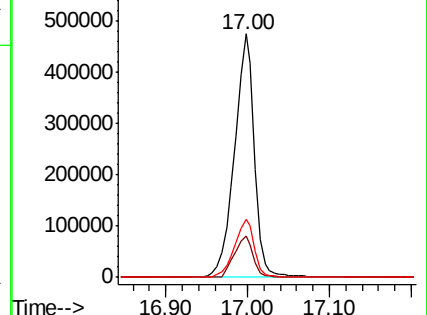
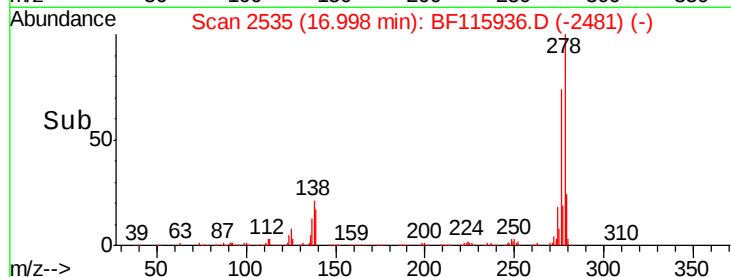
279 23.7 18.8 28.2



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: 61.815 ng

RT: 17.43 min Scan# 2609

Delta R.T. 0.02 min

Lab File: BF115936.D

Acq: 2 Aug 2019 10:27

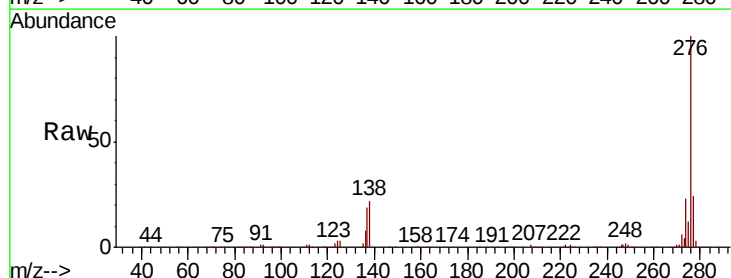
Tgt Ion:276 Resp: 783833

Ion Ratio Lower Upper

276 100

277 23.7 19.5 29.3

138 21.8 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

