

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040120\
 Data File : BF119667.D
 Acq On : 1 Apr 2020 11:53
 Operator : MA/SJ
 Sample : PB127920BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127920BS

Quant Time: Apr 01 12:59:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 01 11:59:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	279675	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	1074530	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	554191	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	1077058	20.00	ng	0.00
76) Chrysene-d12	13.99	240	825950	20.00	ng	0.00
87) Perylene-d12	15.45	264	886242	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	1617000	92.04	ng	0.02
7) Phenol-d6	6.45	99	2055909	91.61	ng	0.00
23) Nitrobenzene-d5	7.38	82	1261515	63.81	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	600069	104.95	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	2384955	63.75	ng	0.00
79) Terphenyl-d14	12.94	244	2813313	66.73	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.62	88	222586	25.653	ng	95
3) Pyridine	3.35	79	602534	25.206	ng	90
4) n-Nitrosodimethylamine	3.30	42	320872	27.525	ng	93
6) Aniline	6.47	93	744601	24.039	ng	97
8) 2-Chlorophenol	6.60	128	653848	35.435	ng	98
9) Benzaldehyde	6.36	77	347816	24.431	ng	98
10) Phenol	6.46	94	818261	34.170	ng	97
11) bis(2-Chloroethyl)ether	6.55	93	632807	33.041	ng	97
12) 1,3-Dichlorobenzene	6.76	146	662455	33.171	ng	100
13) 1,4-Dichlorobenzene	6.83	146	666185	33.350	ng	99
14) 1,2-Dichlorobenzene	6.99	146	621833	33.304	ng	99
15) Benzyl Alcohol	6.96	79	529209	31.348	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.09	45	1126099	29.150	ng	98
17) 2-Methylphenol	7.07	107	520330	30.777	ng	98
18) Hexachloroethane	7.33	117	250821	34.263	ng	97
19) n-Nitroso-di-n-propylamine	7.23	70	435015	32.158	ng	95
20) 3+4-Methylphenols	7.22	107	640492	30.913	ng	# 83
22) Acetophenone	7.23	105	829926	32.324	ng	97
24) Nitrobenzene	7.40	77	656070	31.050	ng	98
25) Isophorone	7.64	82	1231343	30.702	ng	99
26) 2-Nitrophenol	7.72	139	340733	40.956	ng	89
27) 2,4-Dimethylphenol	7.75	122	550939	32.027	ng	98
28) bis(2-Chloroethoxy)methane	7.85	93	793556	33.460	ng	99
29) 2,4-Dichlorophenol	7.96	162	530546	33.565	ng	98
30) 1,2,4-Trichlorobenzene	8.04	180	569649	32.588	ng	97
31) Naphthalene	8.12	128	1833554	33.159	ng	100
32) Benzoic acid	7.87	122	430994	38.949	ng	93
33) 4-Chloroaniline	8.17	127	432748	17.079	ng	96
34) Hexachlorobutadiene	8.24	225	320922	32.813	ng	99
35) Caprolactam	8.53	113	97064	18.763	ng	95
36) 4-Chloro-3-methylphenol	8.65	107	569517	32.966	ng	97
37) 2-Methylnaphthalene	8.82	142	1235048	34.032	ng	98
38) 1-Methylnaphthalene	8.92	142	1169528	34.048	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	525514	32.352	ng	99

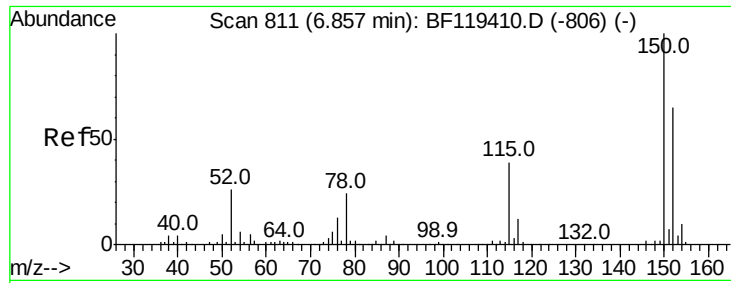
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040120\
 Data File : BF119667.D
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 QLast Update : Wed Apr 01 11:59:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	678758	73.500	ng	100
43) 2,4,6-Trichlorophenol	9.09	196	394818	33.965	ng	98
44) 2,4,5-Trichlorophenol	9.13	196	411585	31.607	ng	94
46) 1,1'-Biphenyl	9.28	154	1469035	32.547	ng	99
47) 2-Chloronaphthalene	9.30	162	1151213	32.561	ng	99
48) 2-Nitroaniline	9.40	65	397376	32.563	ng	95
49) Acenaphthylene	9.72	152	1813788	32.668	ng	99
50) Dimethylphthalate	9.59	163	1345384	34.178	ng	99
51) 2,6-Dinitrotoluene	9.65	165	302667	35.872	ng	96
52) Acenaphthene	9.89	154	1112620	32.145	ng	97
53) 3-Nitroaniline	9.81	138	208386	19.563	ng	91
54) 2,4-Dinitrophenol	9.92	184	349963	94.414	ng	97
55) Dibenzofuran	10.07	168	1650831	33.266	ng	99
56) 4-Nitrophenol	9.97	139	548482	65.270	ng	94
57) 2,4-Dinitrotoluene	10.05	165	405205	38.123	ng	99
58) Fluorene	10.41	166	1252863	34.140	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.19	232	352657	36.230	ng	98
60) Diethylphthalate	10.29	149	1376796	34.461	ng	100
61) 4-Chlorophenyl-phenylether	10.40	204	601858	33.538	ng	97
62) 4-Nitroaniline	10.43	138	329217	32.229	ng	97
63) Azobenzene	10.56	77	1318984	32.784	ng	98
65) 4,6-Dinitro-2-methylphenol	10.46	198	233733	51.752	ng	99
66) n-Nitrosodiphenylamine	10.52	169	1161367	32.846	ng	99
67) 4-Bromophenyl-phenylether	10.89	248	398929	32.522	ng	96
68) Hexachlorobenzene	10.96	284	430478	34.289	ng	100
69) Atrazine	11.05	200	360189	37.158	ng	99
70) Pentachlorophenol	11.15	266	491307	66.742	ng	97
71) Phenanthrene	11.37	178	1835868	32.872	ng	99
72) Anthracene	11.43	178	1916778	33.769	ng	99
73) Carbazole	11.58	167	1778636	31.658	ng	98
74) Di-n-butylphthalate	11.92	149	2185452	36.364	ng	99
75) Fluoranthene	12.56	202	2033643	33.647	ng	99
77) Benzidine	12.69	184	1257756	35.983	ng	99
78) Pyrene	12.79	202	2080587	30.694	ng	99
80) Butylbenzylphthalate	13.42	149	953021	34.762	ng	100
81) Benzo(a)anthracene	13.99	228	1684740	31.367	ng	99
82) 3,3'-Dichlorobenzidine	13.94	252	414253	19.561	ng	98
83) Chrysene	14.02	228	1776443	32.048	ng	100
84) Bis(2-ethylhexyl)phthalate	13.97	149	1267479	38.782	ng	99
85) Di-n-octyl phthalate	14.59	149	2330267	40.542	ng	98
86) Indeno(1,2,3-cd)pyrene	16.91	276	1986727	38.056	ng	99
88) Benzo(b)fluoranthene	15.03	252	1996770	33.729	ng	97
89) Benzo(k)fluoranthene	15.06	252	1683958	29.873	ng	99
90) Benzo(a)pyrene	15.39	252	1711356	31.809	ng	99
91) Dibenzo(a,h)anthracene	16.93	278	1628541	34.607	ng	98
92) Benzo(g,h,i)perylene	17.36	276	1608782	34.030	ng	96

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

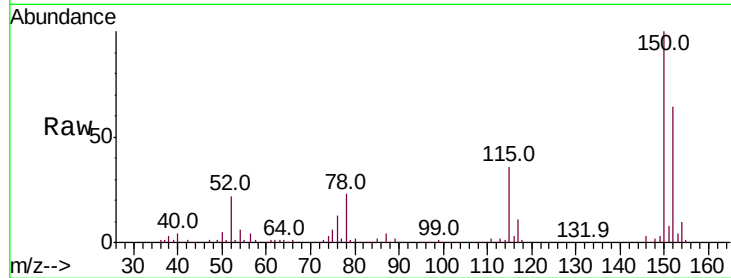


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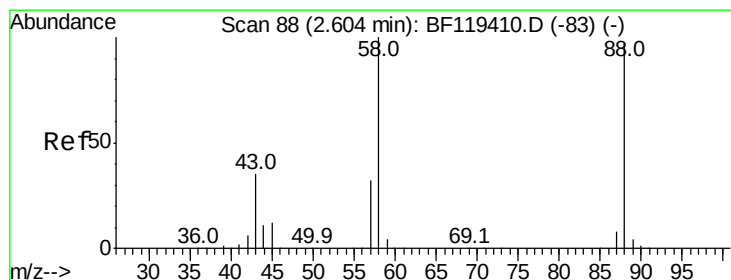
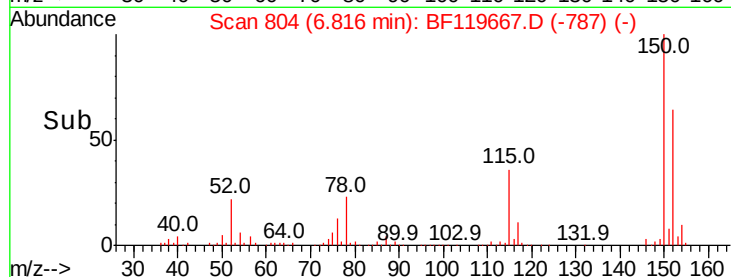
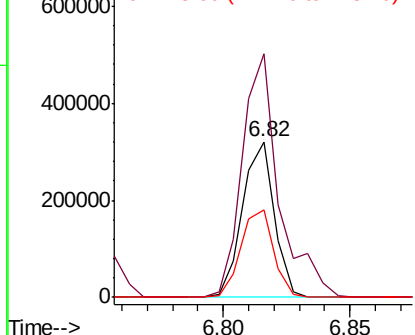
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF119667.D
Acq: 1 Apr 2020 11:53

Instrument :
BNA_F
ClientSampleId :
PB127920BS

Tot Ion:152 Resp: 279675
Ion Ratio Lower Upper
152 100
150 156.8 124.5 186.7
115 56.6 49.6 74.4



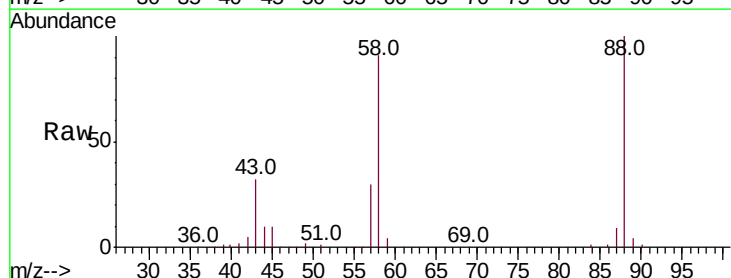
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



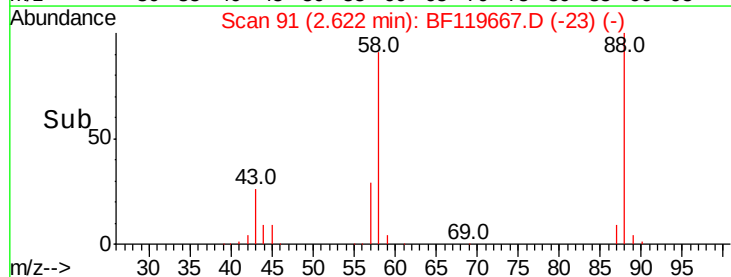
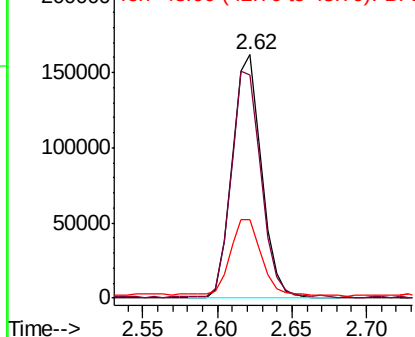
#2

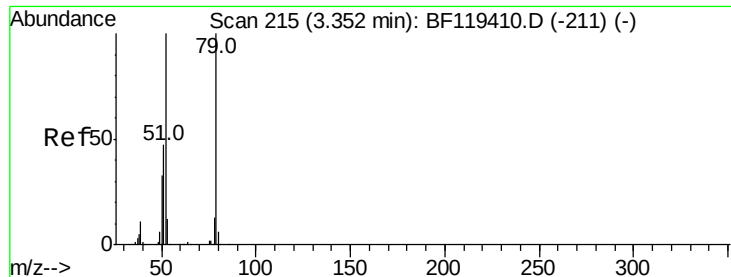
1,4-Dioxane
Concen: 25.653 ng
RT: 2.62 min Scan# 91
Delta R.T. 0.10 min
Lab File: BF119667.D
Acq: 1 Apr 2020 11:53

Tgt Ion: 88 Resp: 222586
Ion Ratio Lower Upper
88 100
58 94.9 80.6 121.0
43 34.0 27.5 41.3



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: 25.206 ng

RT: 3.35 min Scan# 215

Delta R.T. 0.09 min

Lab File: BF119667.D

Acq: 1 Apr 2020 11:53

Instrument :

BNA_F

ClientSampleId :

PB127920BS

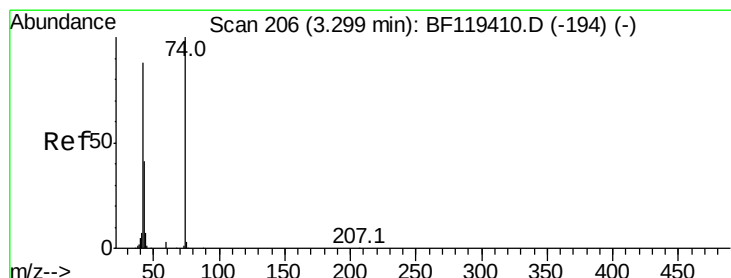
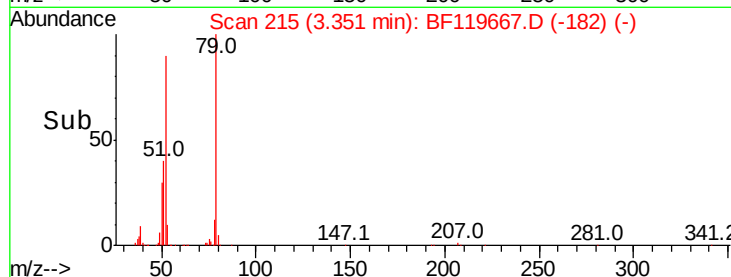
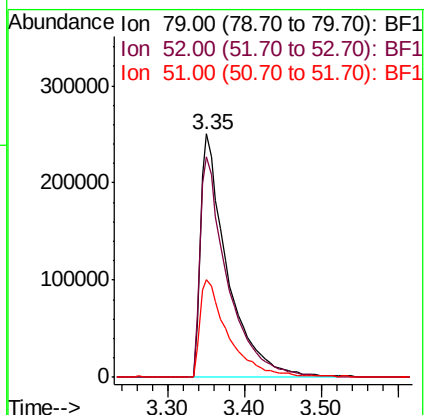
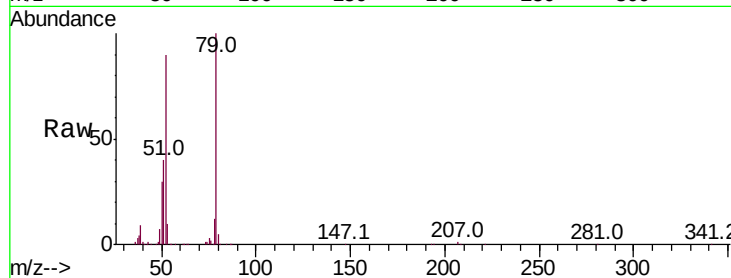
Tot Ion: 79 Resp: 602534

Ion Ratio Lower Upper

79 100

52 90.5 80.2 120.2

51 40.1 37.7 56.5



#4

n-Nitrosodimethylamine

Concen: 27.525 ng

RT: 3.30 min Scan# 206

Delta R.T. 0.09 min

Lab File: BF119667.D

Acq: 1 Apr 2020 11:53

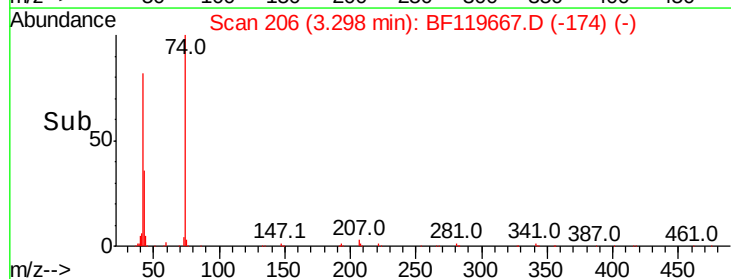
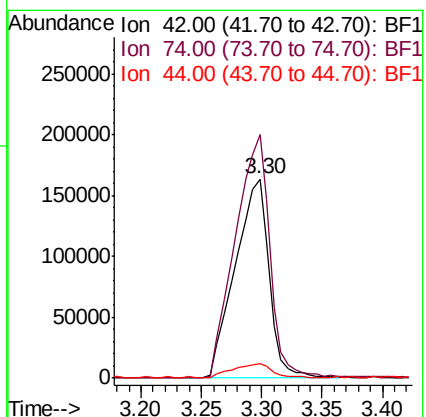
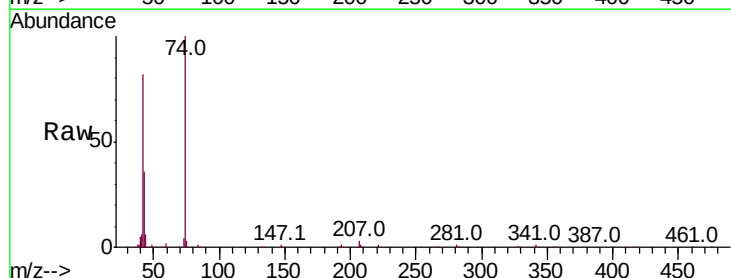
Tgt Ion: 42 Resp: 320872

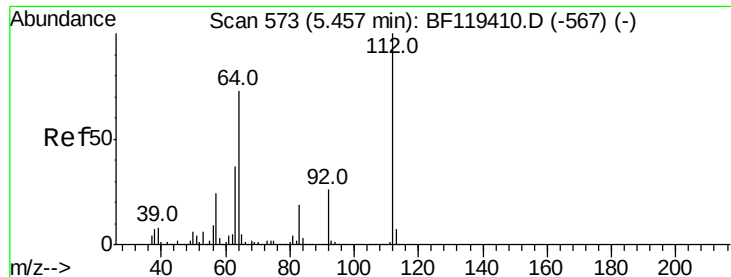
Ion Ratio Lower Upper

42 100

74 122.3 91.5 137.3

44 7.3 6.2 9.4





#5

2-Fluorophenol

Concen: 92.039 ng

RT: 5.43 min Scan# 569

Delta R.T. 0.02 min

Lab File: BF119667.D

Acq: 1 Apr 2020 11:53

Instrument :

BNA_F

ClientSampleId :

PB127920BS

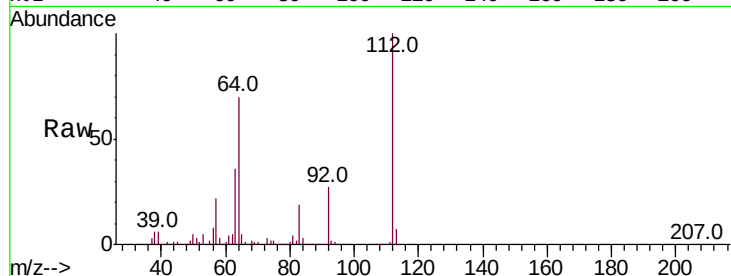
Tot Ion:112 Resp: 1617000

Ion Ratio Lower Upper

112 100

64 70.0 56.7 85.1

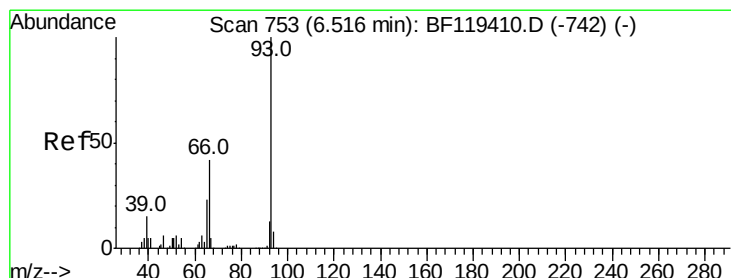
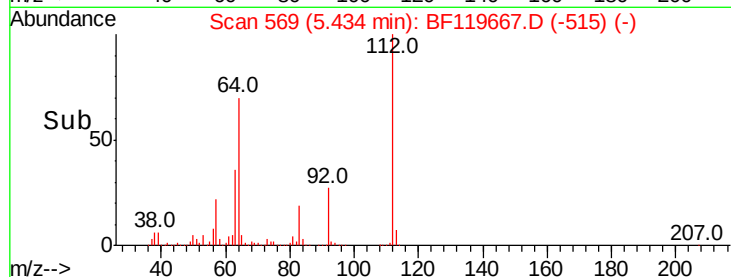
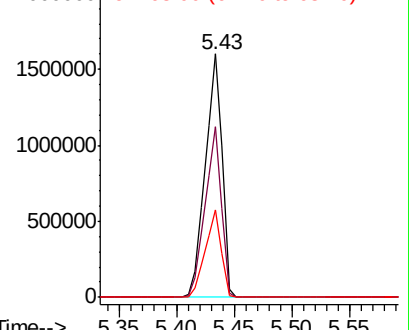
63 35.9 29.5 44.3



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 24.039 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF119667.D

Acq: 1 Apr 2020 11:53

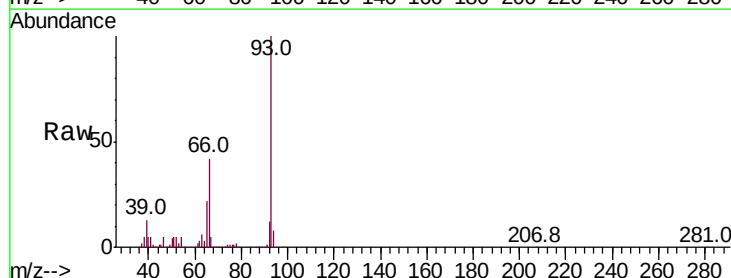
Tgt Ion: 93 Resp: 744601

Ion Ratio Lower Upper

93 100

66 41.9 34.9 52.3

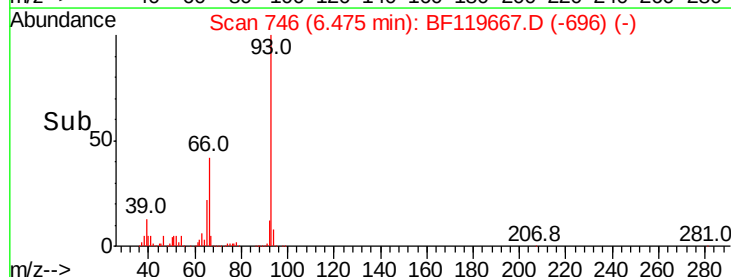
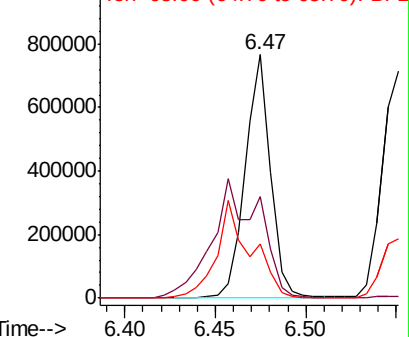
65 22.1 18.6 27.8

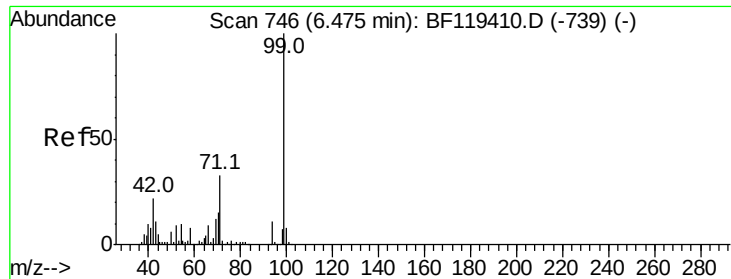


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 91.607 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF119667.D

Acq: 1 Apr 2020 11:53

Instrument :

BNA_F

ClientSampleId :

PB127920BS

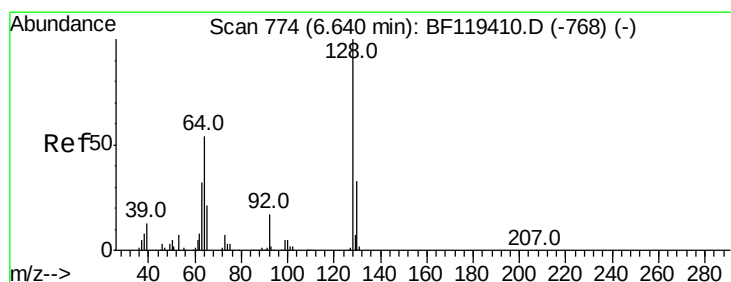
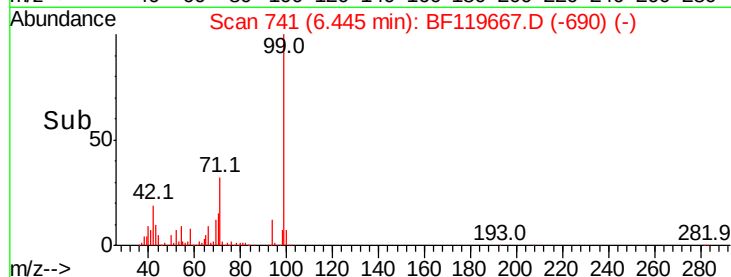
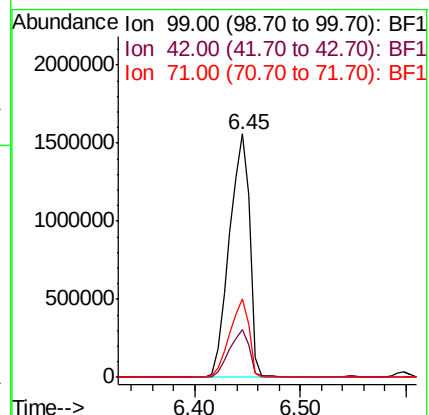
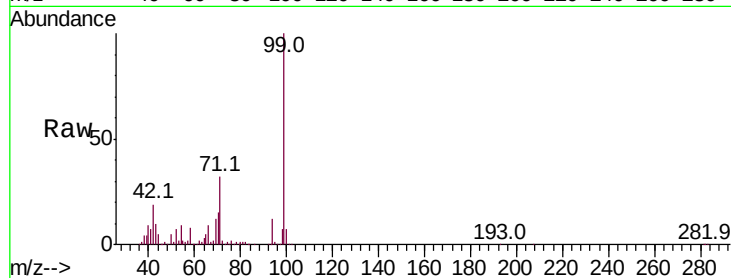
Tot Ion: 99 Resp: 2055909

Ion Ratio Lower Upper

99 100

42 19.5 16.6 24.8

71 32.5 26.4 39.6



#8

2-Chlorophenol

Concen: 35.435 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF119667.D

Acq: 1 Apr 2020 11:53

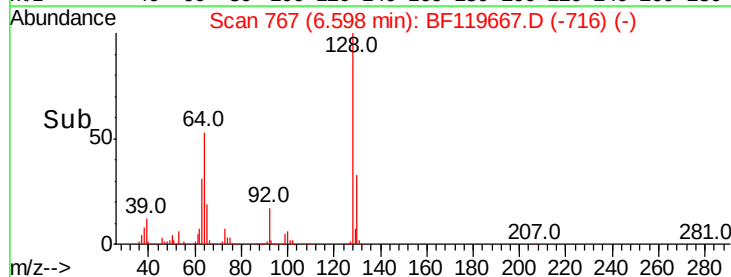
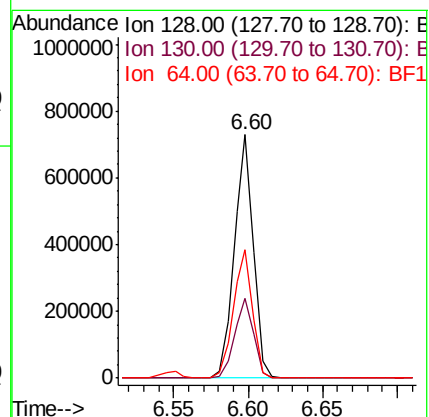
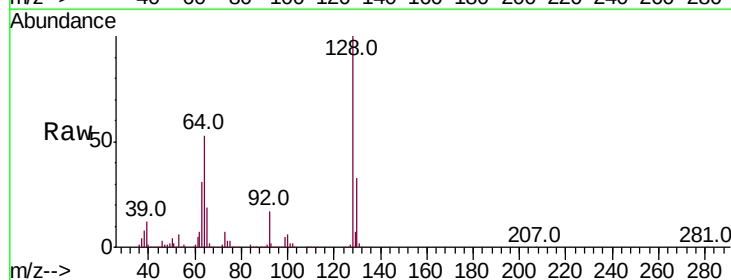
Tgt Ion: 128 Resp: 653848

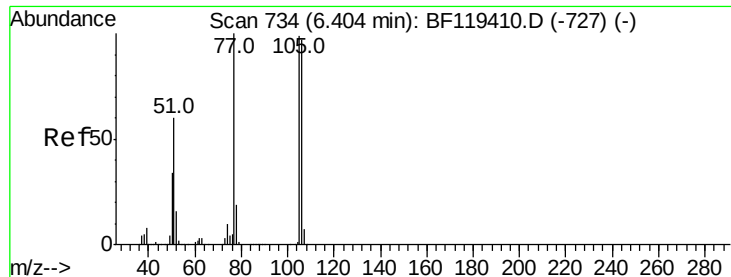
Ion Ratio Lower Upper

128 100

130 33.0 12.6 52.6

64 52.9 35.3 75.3





#9

Benzaldehyde

Concen: 24.431 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF119667.D

Acq: 1 Apr 2020 11:53

Instrument :

BNA_F

ClientSampleId :

PB127920BS

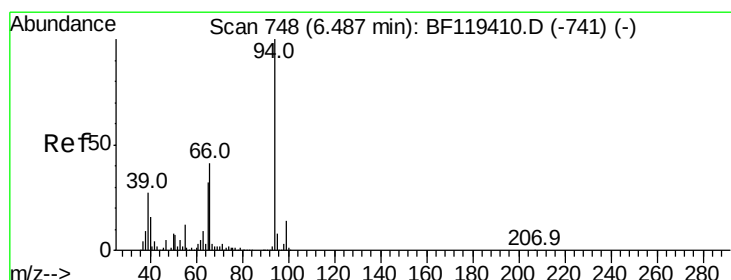
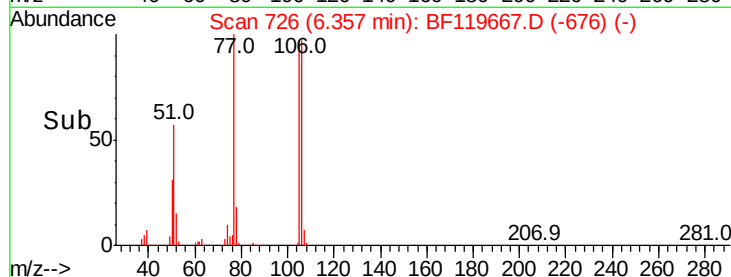
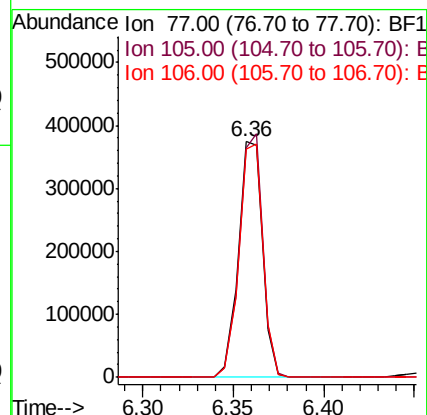
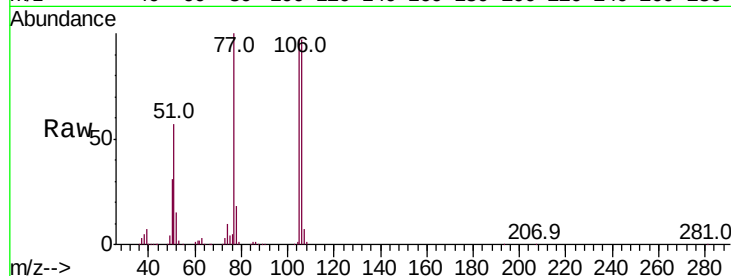
Tot Ion: 77 Resp: 347816

Ion Ratio Lower Upper

77 100

105 97.5 80.9 120.9

106 96.7 77.9 117.9



#10

Phenol

Concen: 34.170 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF119667.D

Acq: 1 Apr 2020 11:53

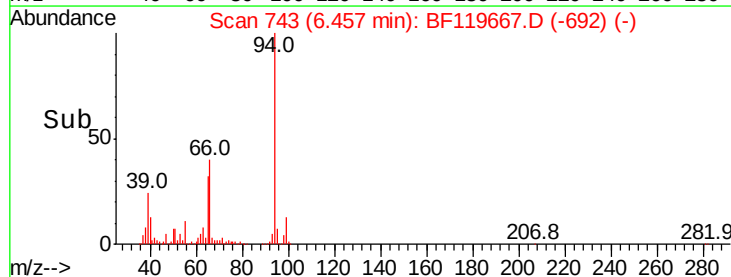
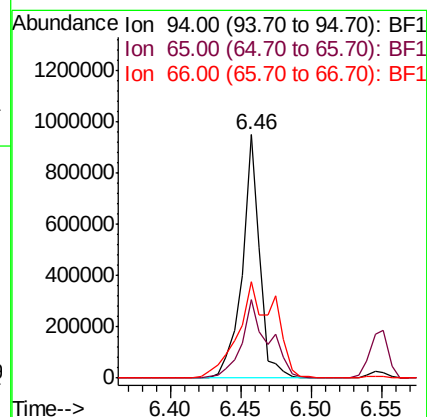
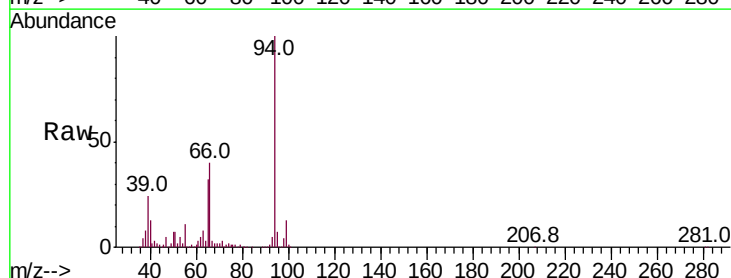
Tgt Ion: 94 Resp: 818261

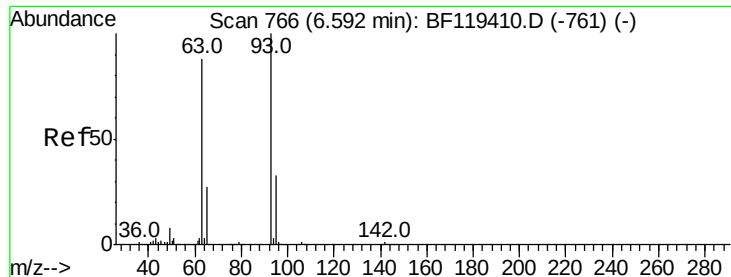
Ion Ratio Lower Upper

94 100

65 32.2 13.2 53.2

66 39.7 22.3 62.3

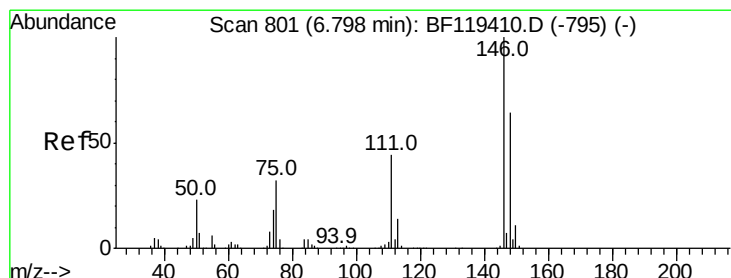
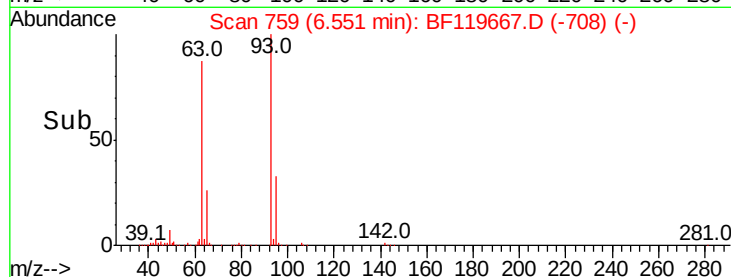
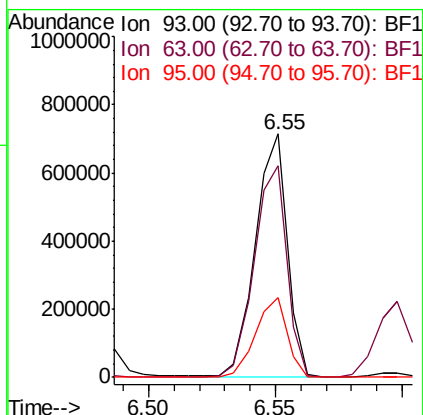
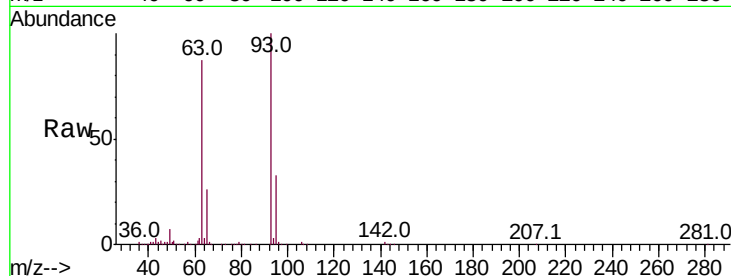




#11
bis(2-Chloroethyl)ether
Concen: 33.041 ng
RT: 6.55 min Scan# 759
Delta R.T. -0.00 min
Lab File: BF119667.D
Acq: 1 Apr 2020 11:53

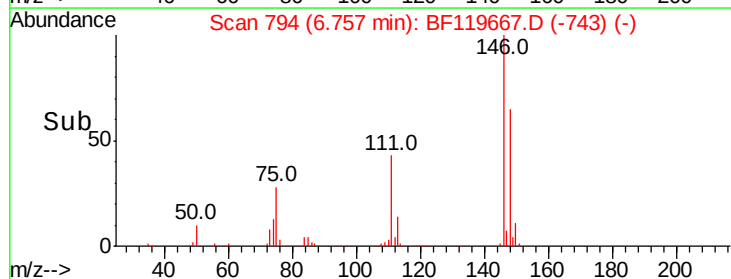
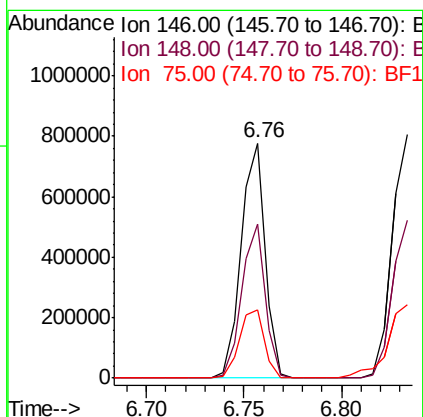
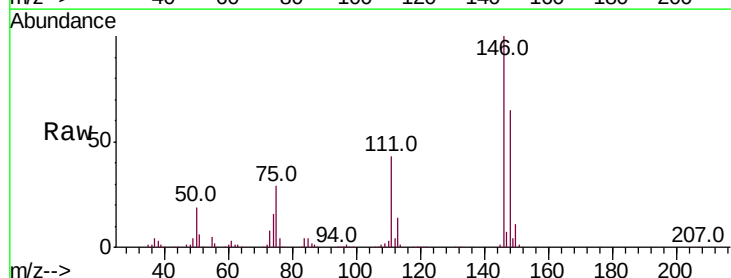
Instrument :
BNA_F
ClientSampleId :
PB127920BS

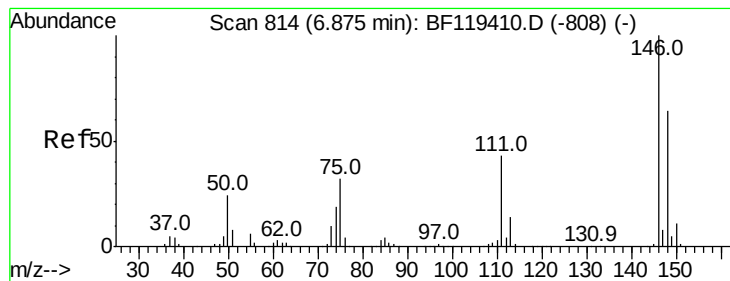
Tot Ion:	93	Resp:	632807
Ion	Ratio	Lower	Upper
93	100		
63	86.9	70.2	110.2
95	32.7	13.4	53.4



#12
1,3-Dichlorobenzene
Concen: 33.171 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.00 min
Lab File: BF119667.D
Acq: 1 Apr 2020 11:53

Tgt Ion:	146	Resp:	662455
Ion	Ratio	Lower	Upper
146	100		
148	65.3	52.2	78.4
75	29.2	23.0	34.4





#13

1,4-Dichlorobenzene

Concen: 33.350 ng

RT: 6.83 min Scan# 807

Delta R.T. -0.00 min

Lab File: BF119667.D

Acq: 1 Apr 2020 11:53

Instrument :

BNA_F

ClientSampleId :

PB127920BS

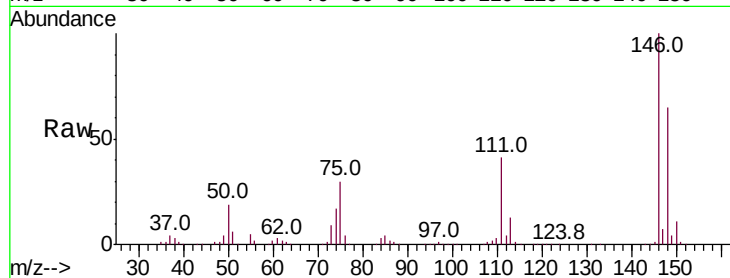
Tot Ion:146 Resp: 666185

Ion Ratio Lower Upper

146 100

148 64.6 51.5 77.3

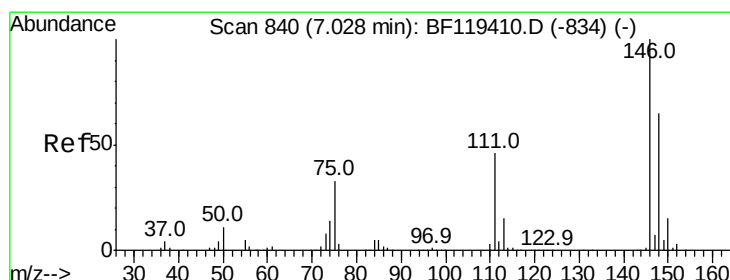
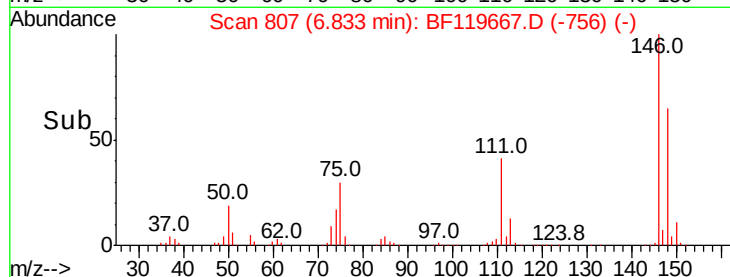
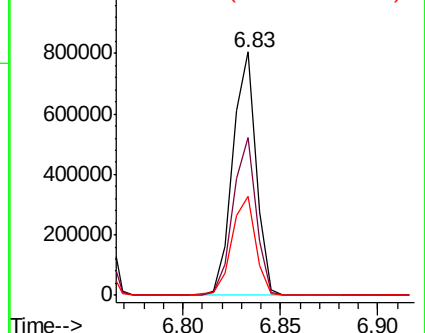
111 40.7 33.3 49.9



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: 33.304 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.00 min

Lab File: BF119667.D

Acq: 1 Apr 2020 11:53

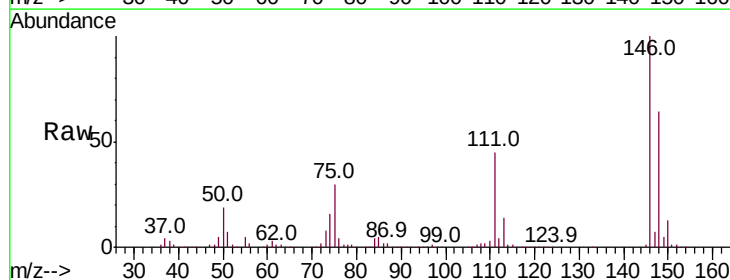
Tgt Ion:146 Resp: 621833

Ion Ratio Lower Upper

146 100

148 64.5 50.6 75.8

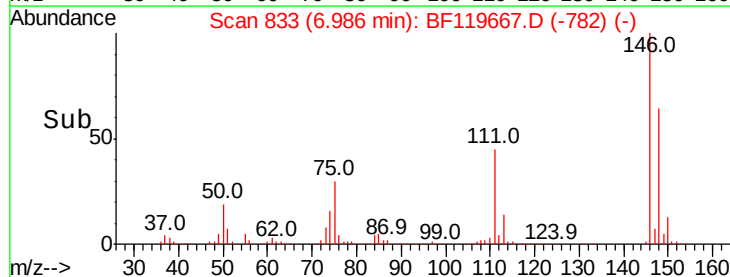
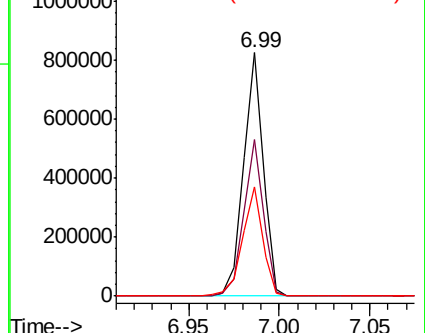
111 45.1 36.1 54.1

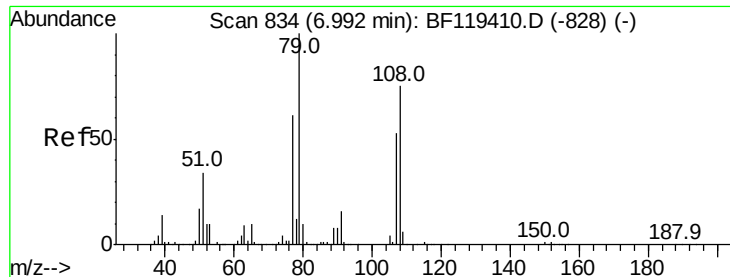


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 31.348 ng

RT: 6.96 min Scan# 828

Delta R.T. -0.00 min

Lab File: BF119667.D

Acq: 1 Apr 2020 11:53

Instrument :

BNA_F

ClientSampleId :

PB127920BS

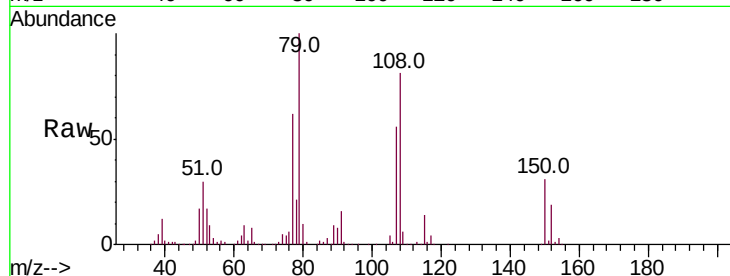
Tot Ion: 79 Resp: 529209

Ion Ratio Lower Upper

79 100

108 81.2 60.6 90.8

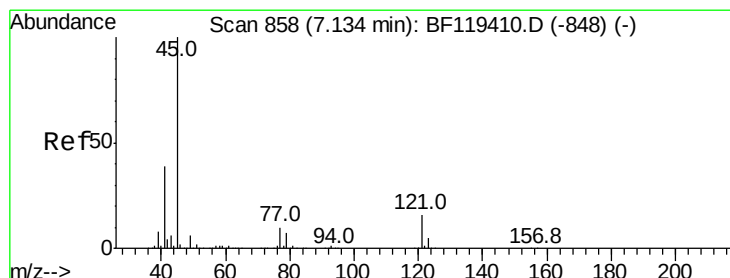
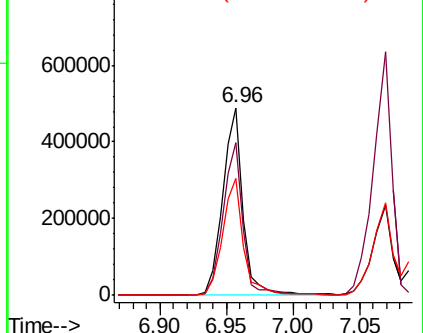
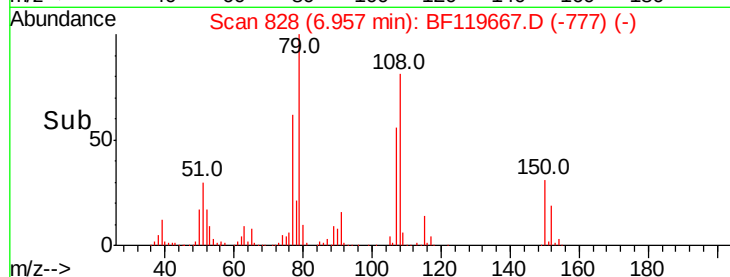
77 62.3 50.2 75.2



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 29.150 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.00 min

Lab File: BF119667.D

Acq: 1 Apr 2020 11:53

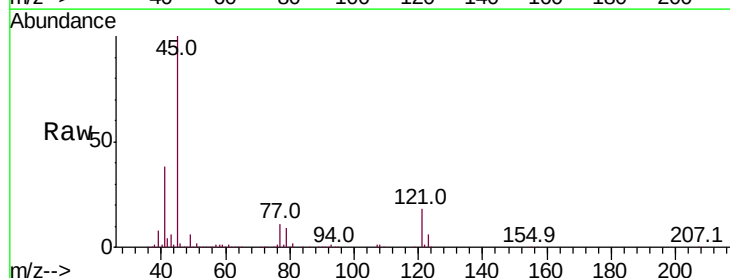
Tgt Ion: 45 Resp: 1126099

Ion Ratio Lower Upper

45 100

77 11.4 0.0 30.7

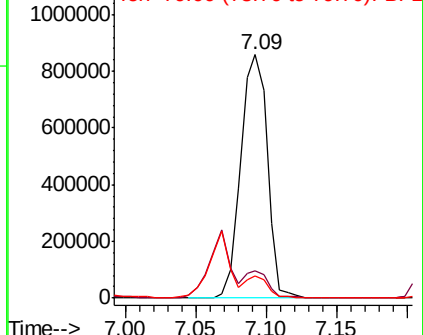
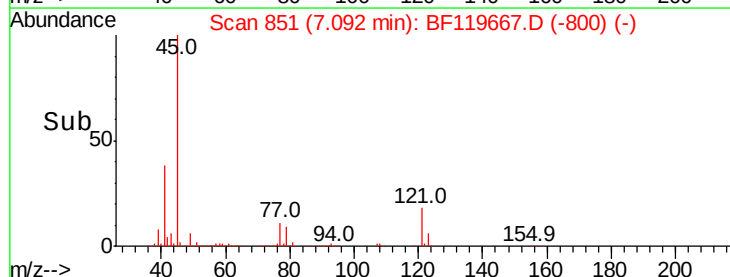
79 9.1 0.0 28.2

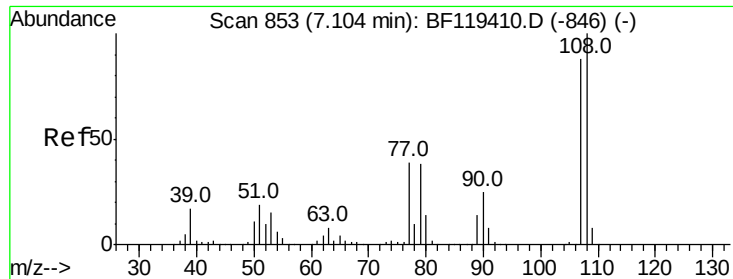


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

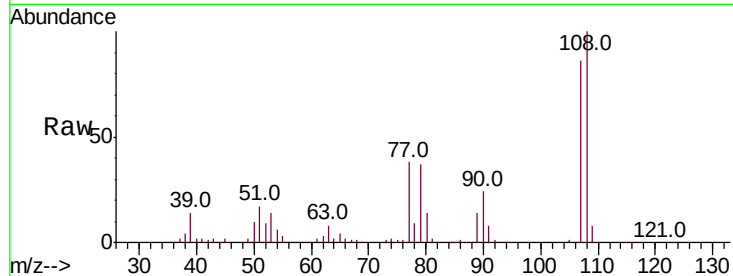




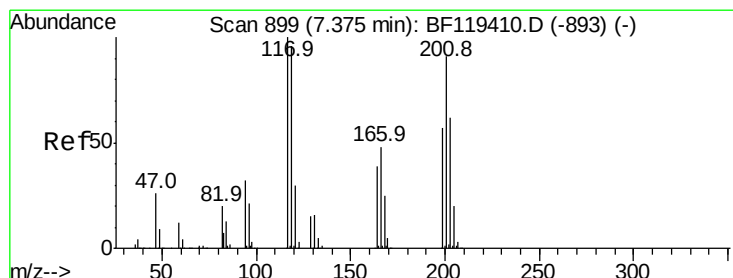
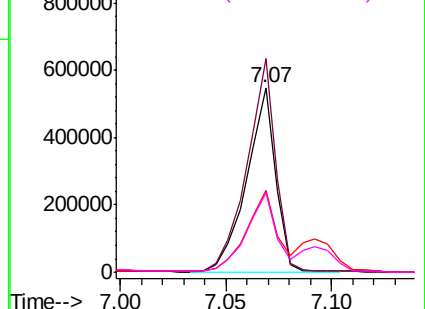
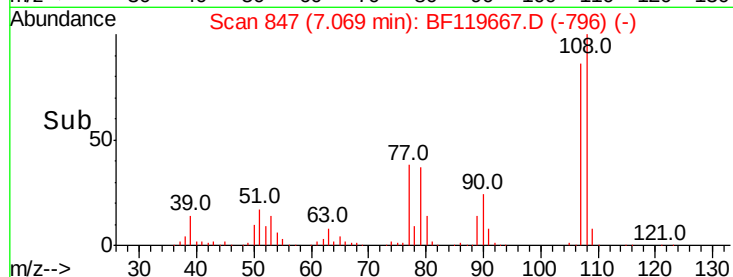
#17
2-Methylphenol
Concen: 30.777 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.00 min
Lab File: BF119667.D
Acq: 1 Apr 2020 11:53

Instrument :
BNA_F
ClientSampleId :
PB127920BS

Tot Ion:107 Resp: 520330
Ion Ratio Lower Upper
107 100
108 115.7 92.2 138.4
77 44.1 36.6 54.8
79 42.7 36.2 54.4

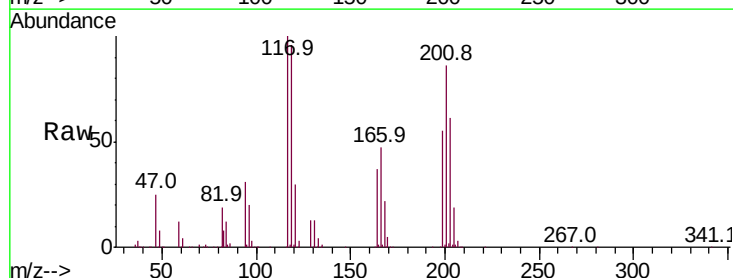


Abundance Ion 107.00 (106.70 to 107.70): E
1000000 Ion 108.00 (107.70 to 108.70): E
800000 Ion 77.00 (76.70 to 77.70): BF1
600000 Ion 79.00 (78.70 to 79.70): BF1
400000
200000
0

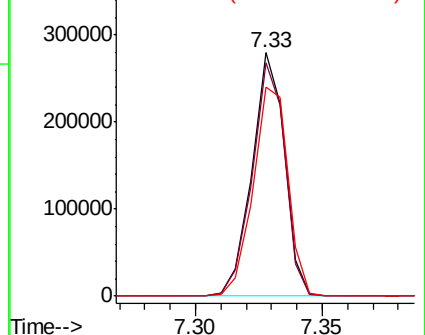
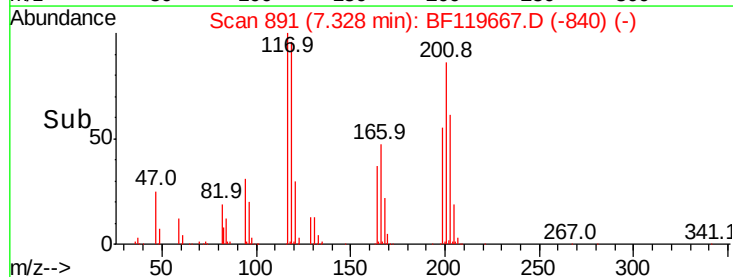


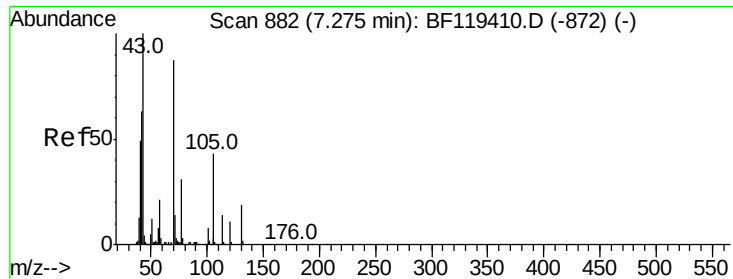
#18
Hexachloroethane
Concen: 34.263 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.00 min
Lab File: BF119667.D
Acq: 1 Apr 2020 11:53

Tgt Ion:117 Resp: 250821
Ion Ratio Lower Upper
117 100
119 95.7 76.1 114.1
201 86.1 73.0 109.6



Abundance Ion 117.00 (116.70 to 117.70): E
300000 Ion 119.00 (118.70 to 119.70): E
200000 Ion 201.00 (200.70 to 201.70): E
100000
0





#19

n-Nitroso-di-n-propylamine

Concen: 32.158 ng

RT: 7.23 min Scan# 875

Delta R.T. -0.00 min

Lab File: BF119667.D

Acq: 1 Apr 2020 11:53

Instrument :

BNA_F

ClientSampleId :

PB127920BS

Tot Ion: 70 Resp: 435015

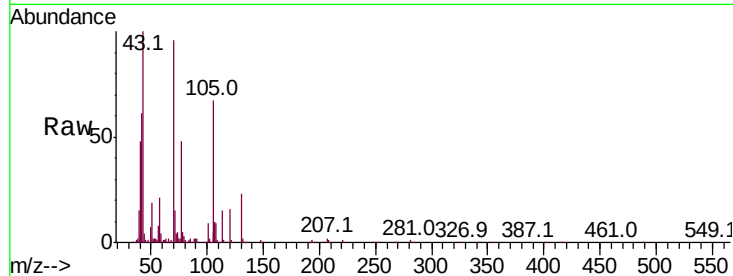
Ion Ratio Lower Upper

70 100

42 63.9 54.5 81.7

101 9.8 7.6 11.4

130 24.5 17.6 26.4

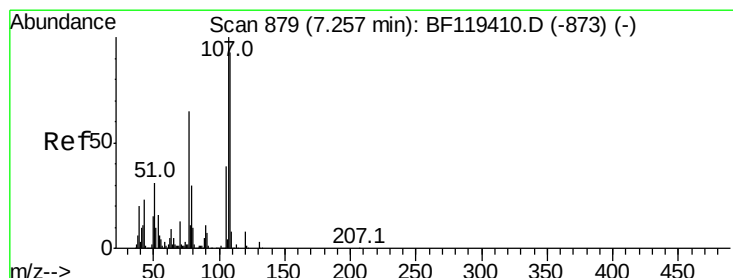
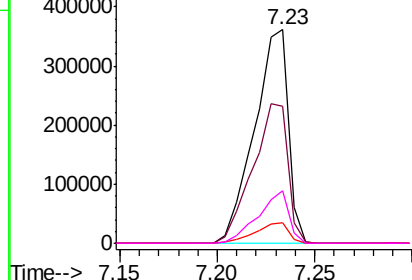
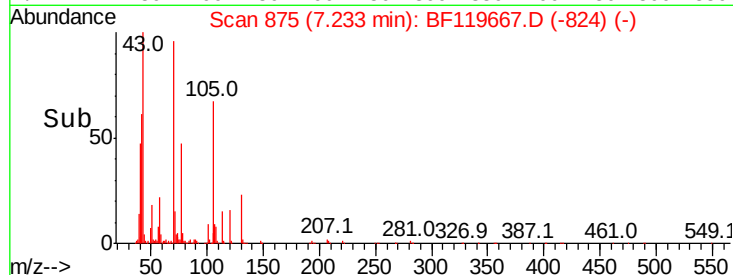


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 30.913 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.00 min

Lab File: BF119667.D

Acq: 1 Apr 2020 11:53

Tgt Ion:107 Resp: 640492

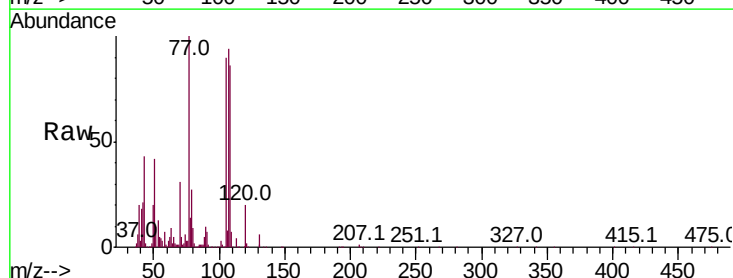
Ion Ratio Lower Upper

107 100

108 91.3 67.9 107.9

77 106.2 52.9 92.9#

79 28.9 7.7 47.7

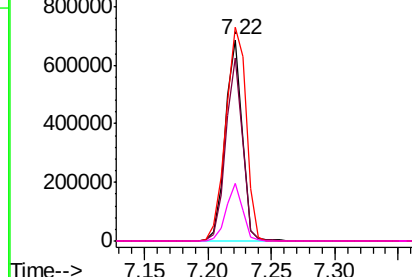
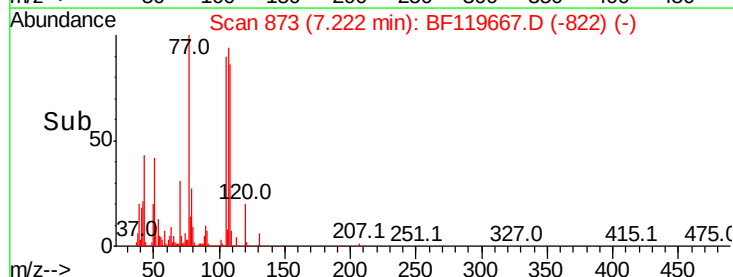


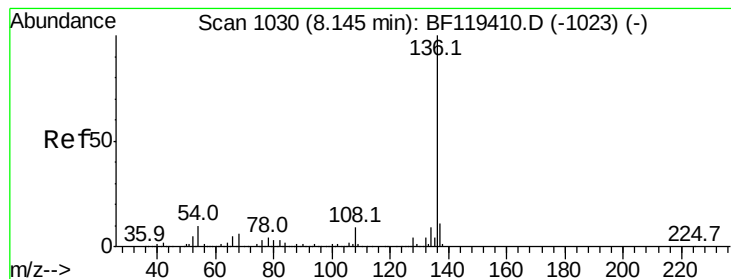
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF119667.D

Acq: 1 Apr 2020 11:53

Instrument :

BNA_F

ClientSampleId :

PB127920BS

Tot Ion:136 Resp: 1074530

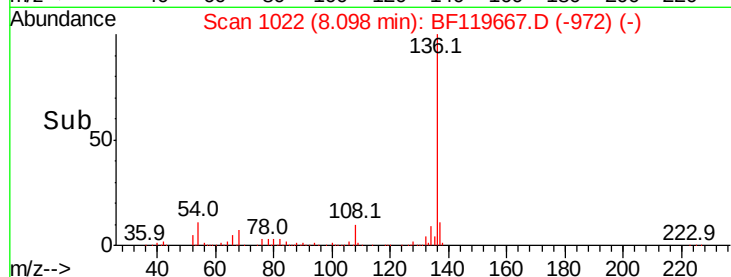
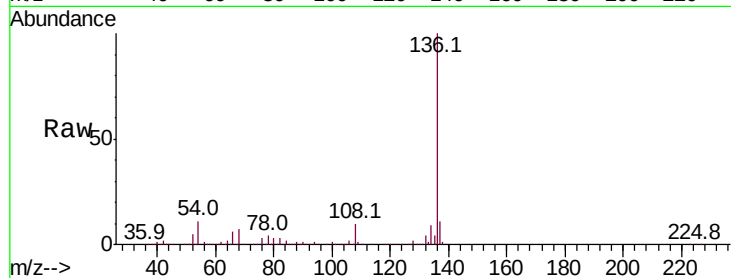
Ion Ratio Lower Upper

136 100

137 11.4 8.7 13.1

54 10.8 9.1 13.7

68 6.7 4.6 6.8



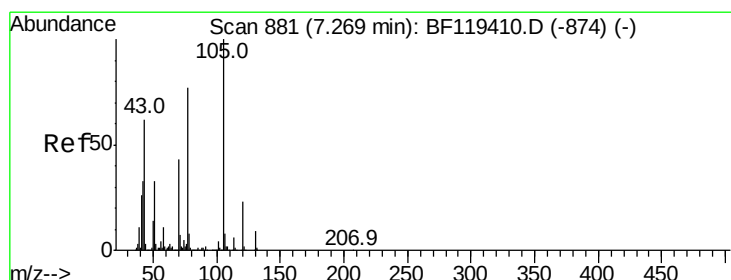
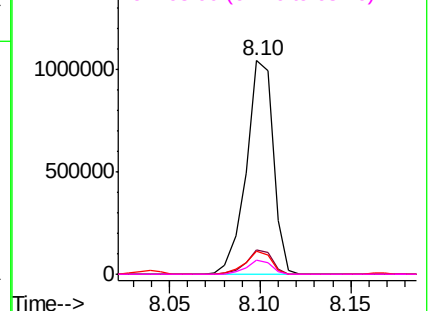
Abundance

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: 32.324 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.00 min

Lab File: BF119667.D

Acq: 1 Apr 2020 11:53

Tgt Ion:105 Resp: 829926

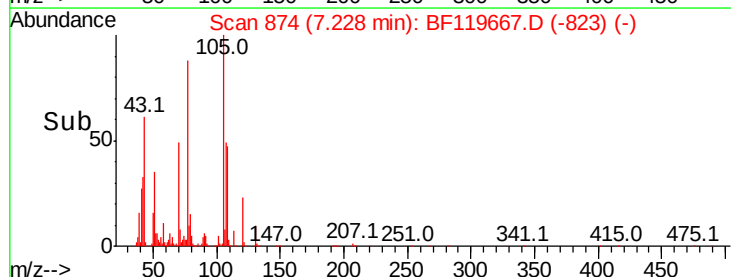
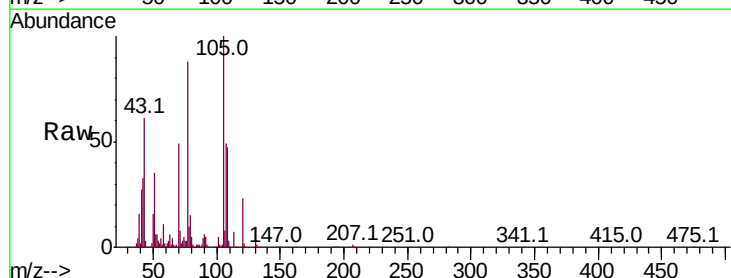
Ion Ratio Lower Upper

105 100

71 8.4 5.7 8.5

51 35.2 26.2 39.4

120 23.5 18.3 27.5



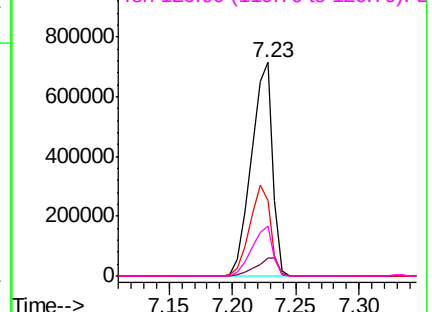
Abundance

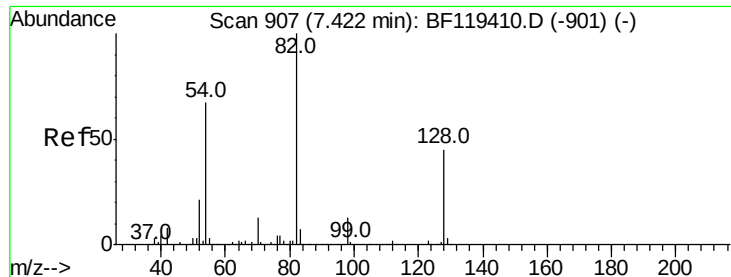
Ion 105.00 (104.70 to 105.70): E

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

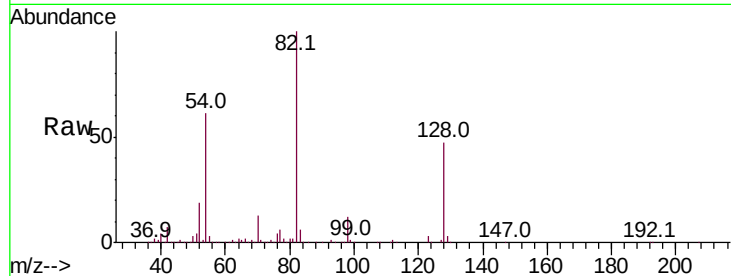




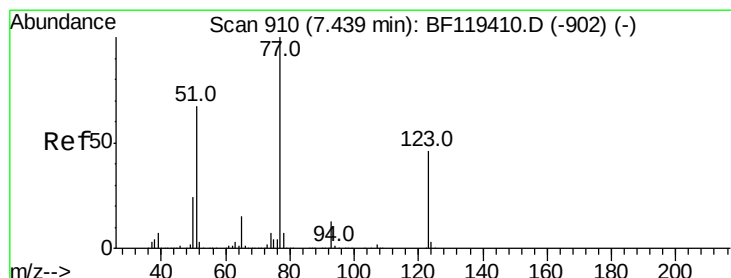
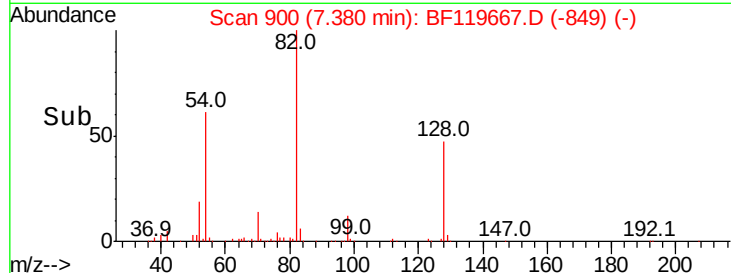
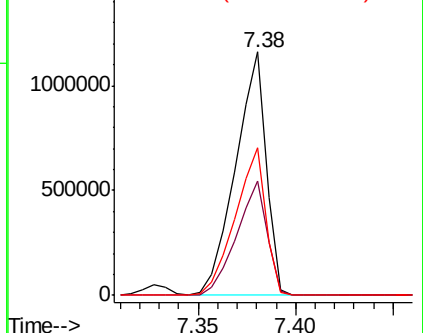
#23
 Nitrobenzene-d5
 Concen: 63.805 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: BF119667.D
 Acq: 1 Apr 2020 11:53

Instrument :
 BNA_F
 ClientSampleId :
 PB127920BS

Tot Ion: 82 Resp: 1261515
 Ion Ratio Lower Upper
 82 100
 128 46.9 36.3 54.5
 54 60.7 50.6 75.8

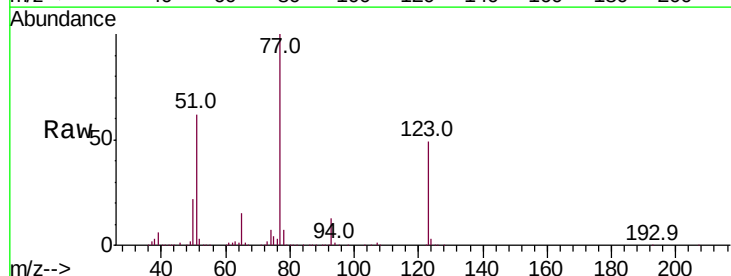


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

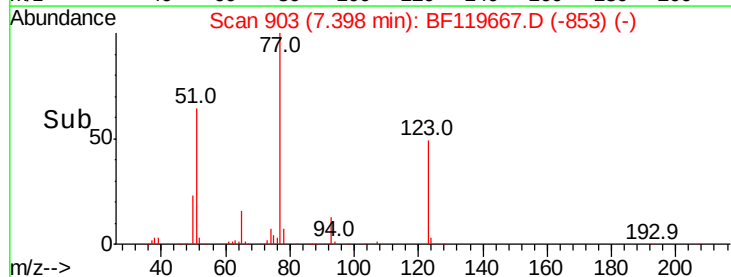
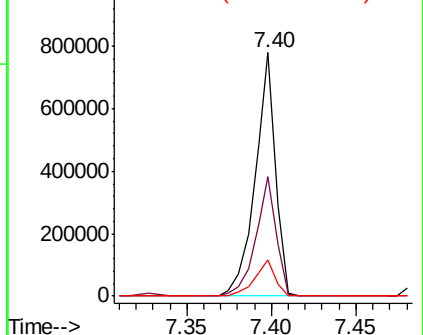


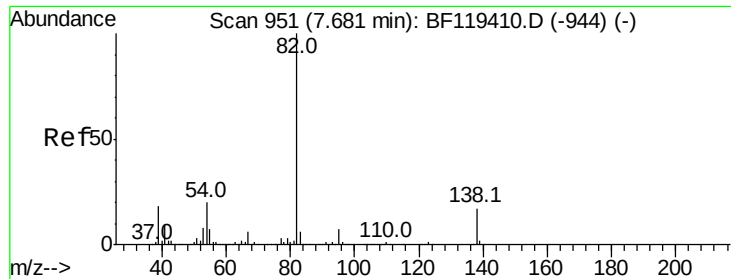
#24
 Nitrobenzene
 Concen: 31.050 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF119667.D
 Acq: 1 Apr 2020 11:53

Tgt Ion: 77 Resp: 656070
 Ion Ratio Lower Upper
 77 100
 123 49.1 38.0 57.0
 65 14.9 12.6 18.8



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: 30.702 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.00 min

Lab File: BF119667.D

Acq: 1 Apr 2020 11:53

Instrument :

BNA_F

ClientSampleId :

PB127920BS

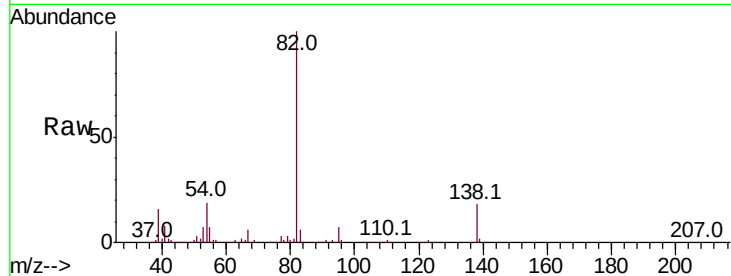
Tot Ion: 82 Resp: 1231343

Ion Ratio Lower Upper

82 100

95 6.6 5.8 8.6

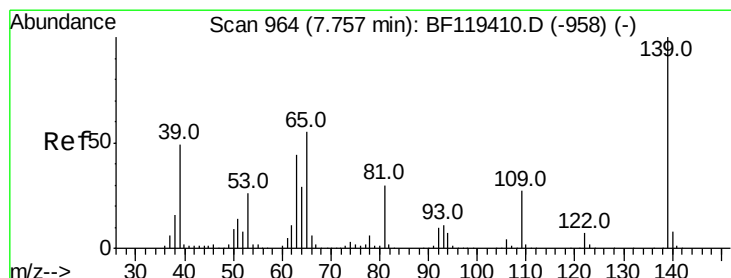
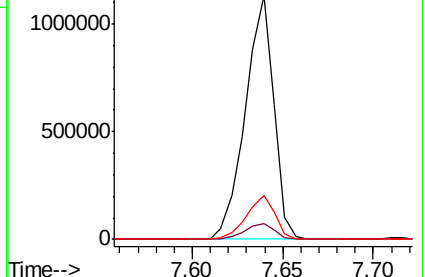
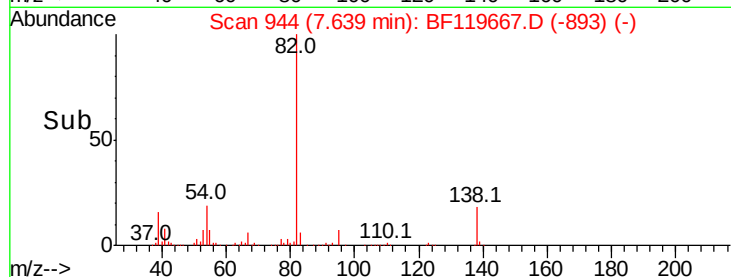
138 18.3 14.6 21.8



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: 40.956 ng

RT: 7.72 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF119667.D

Acq: 1 Apr 2020 11:53

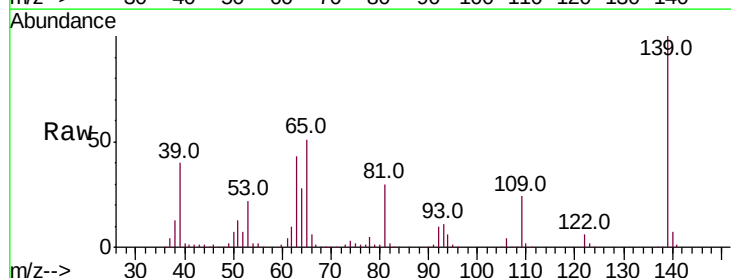
Tgt Ion:139 Resp: 340733

Ion Ratio Lower Upper

139 100

109 24.5 22.1 33.1

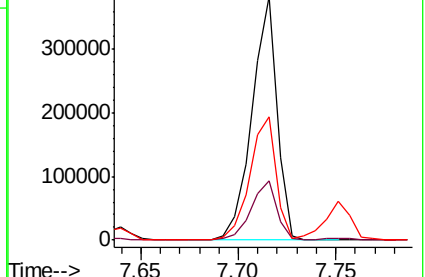
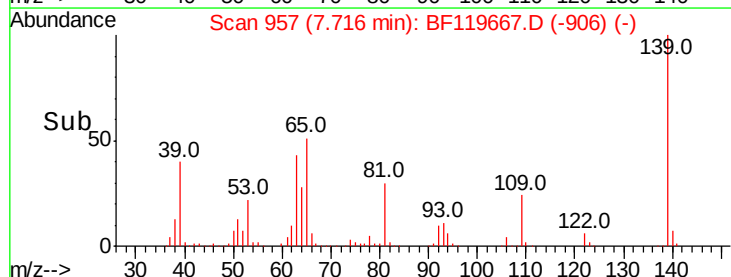
65 50.8 49.2 73.8

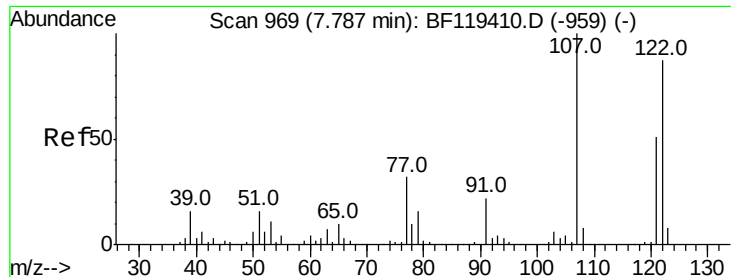


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

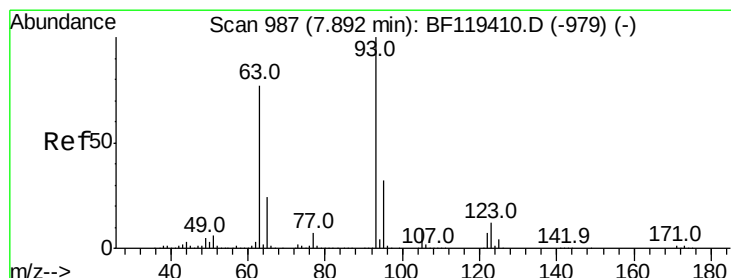
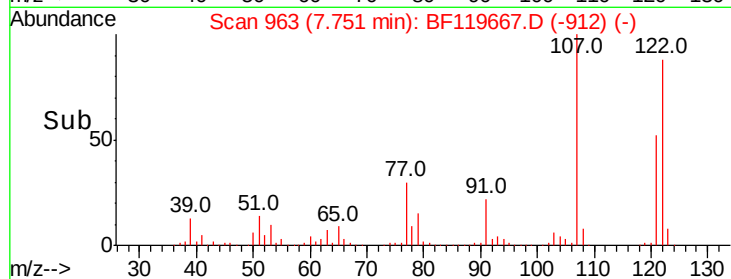
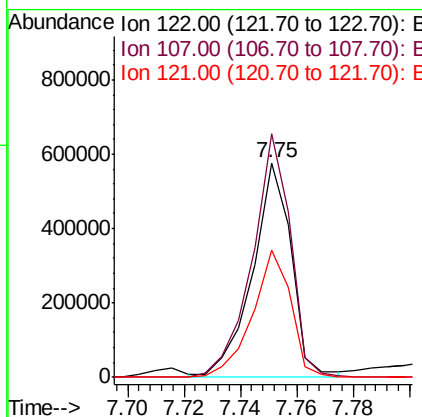
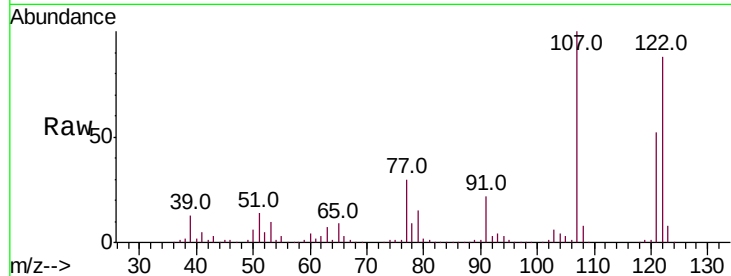




#27
 2,4-Dimethylphenol
 Concen: 32.027 ng
 RT: 7.75 min Scan# 963
 Delta R.T. -0.00 min
 Lab File: BF119667.D
 Acq: 1 Apr 2020 11:53

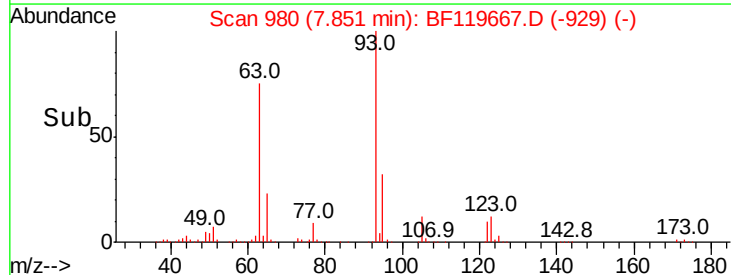
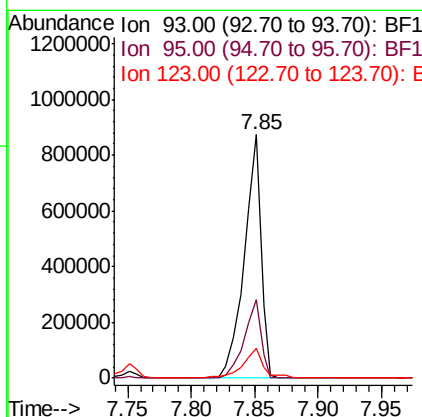
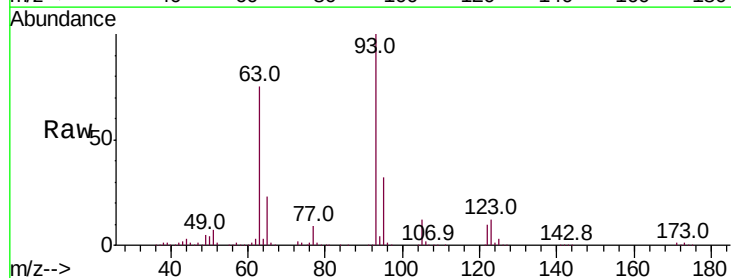
Instrument :
 BNA_F
 ClientSampleId :
 PB127920BS

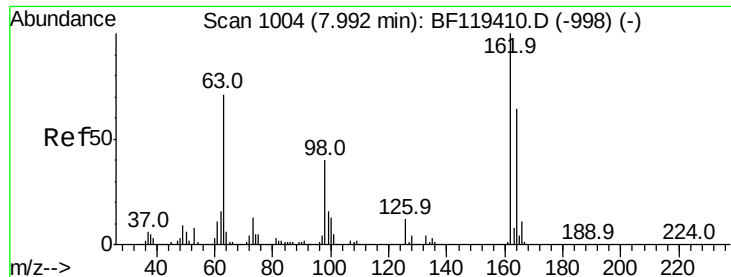
Tot Ion:	122	Resp:	550939
Ion	Ratio	Lower	Upper
122	100		
107	113.6	89.0	133.6
121	59.2	46.7	70.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 33.460 ng
 RT: 7.85 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: BF119667.D
 Acq: 1 Apr 2020 11:53

Tgt Ion:	93	Resp:	793556
Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.3	39.5
123	12.4	9.7	14.5

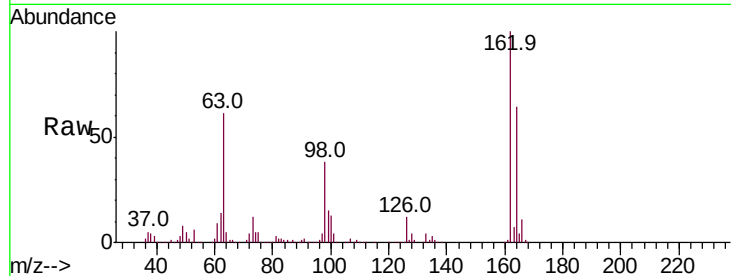




#29
2,4-Dichlorophenol
Concen: 33.565 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.00 min
Lab File: BF119667.D
Acq: 1 Apr 2020 11:53

Instrument :
BNA_F
ClientSampleId :
PB127920BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.4	44.7	84.7
98	38.4	20.7	60.7

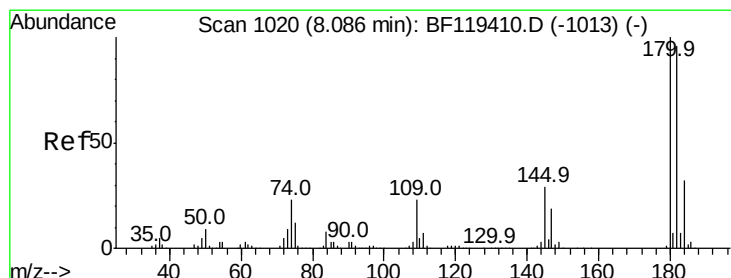
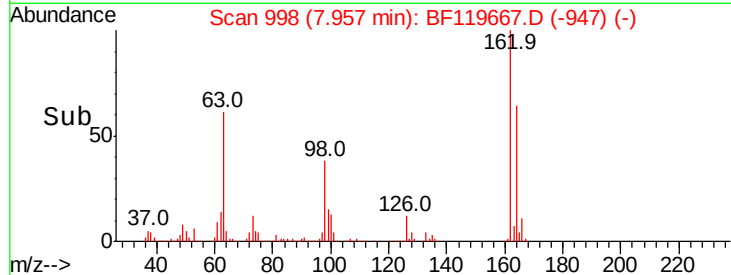
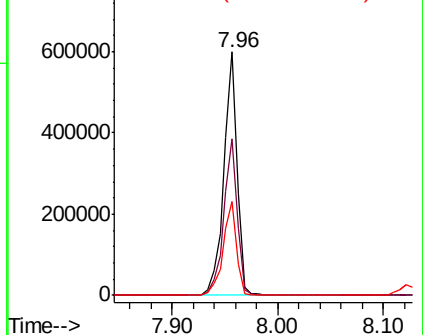


Abundance

Ion 162.00 (161.70 to 162.70): E

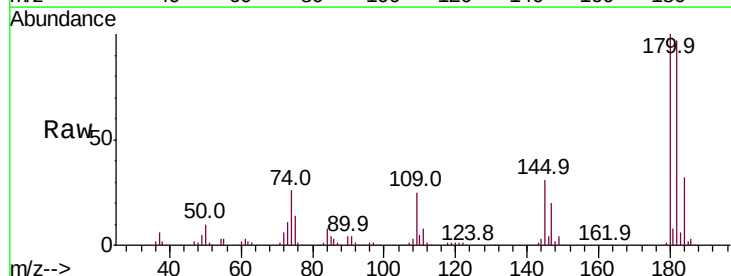
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 32.588 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF119667.D
Acq: 1 Apr 2020 11:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	74.7	112.1
145	31.2	24.5	36.7

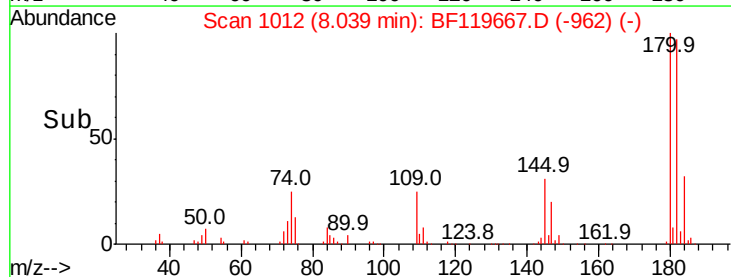
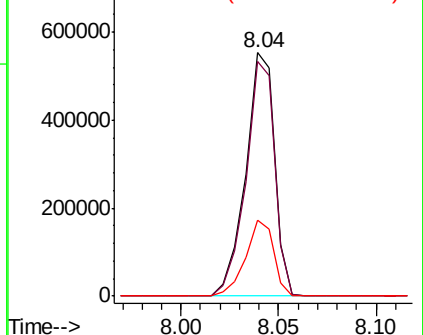


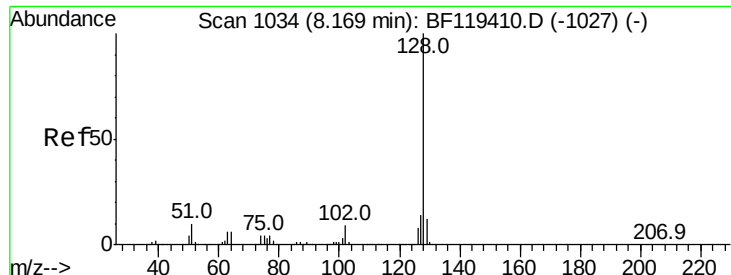
Abundance

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

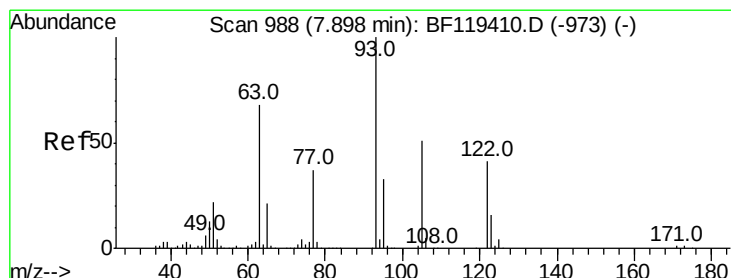
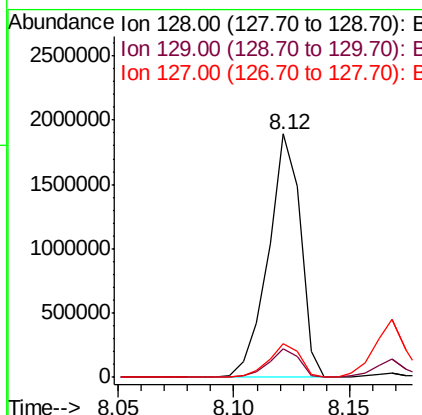
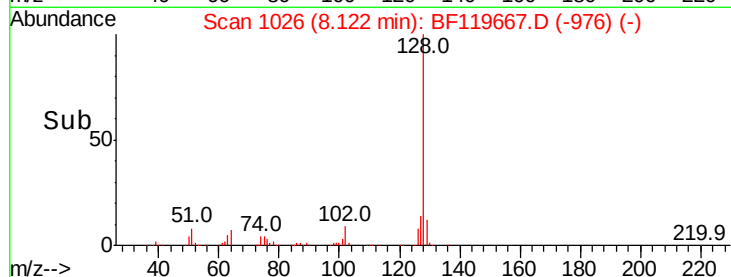
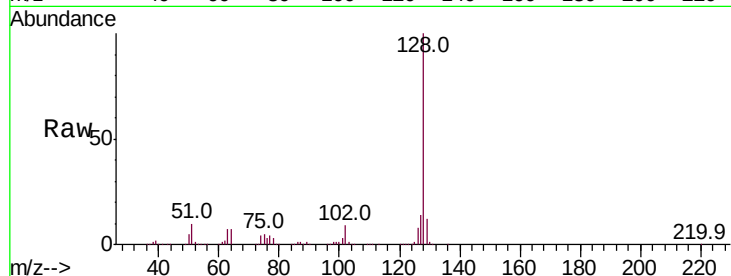




#31
Naphthalene
Concen: 33.159 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF119667.D
Acq: 1 Apr 2020 11:53

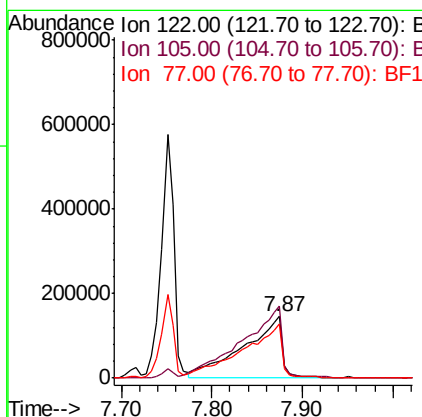
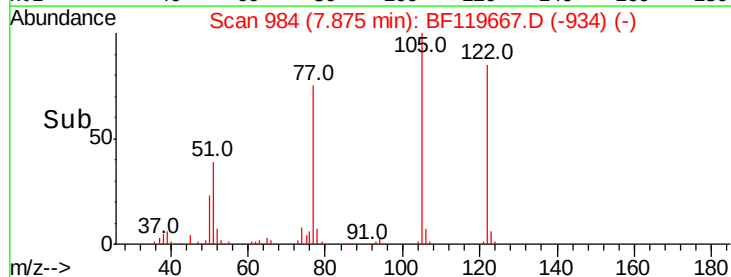
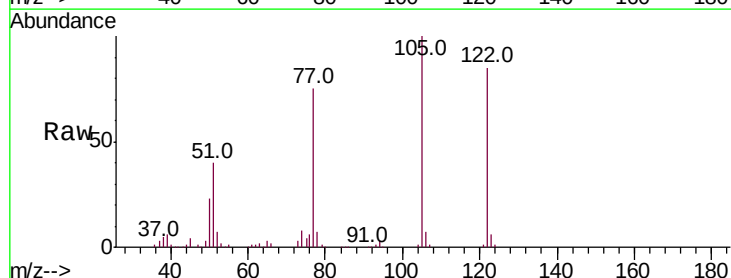
Instrument :
BNA_F
ClientSampleId :
PB127920BS

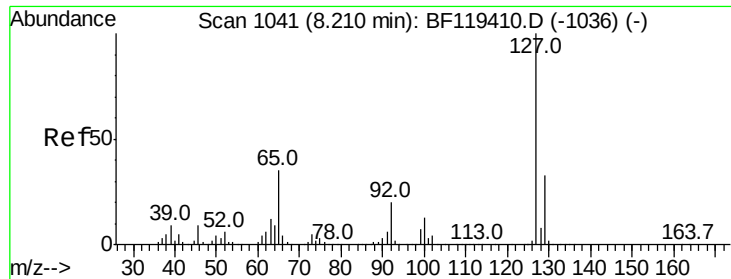
Tot Ion:128 Resp: 1833554
Ion Ratio Lower Upper
128 100
129 11.9 9.5 14.3
127 13.9 11.3 16.9



#32
Benzoic acid
Concen: 38.949 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF119667.D
Acq: 1 Apr 2020 11:53

Tgt Ion:122 Resp: 430994
Ion Ratio Lower Upper
122 100
105 117.3 104.9 144.9
77 88.0 74.4 114.4

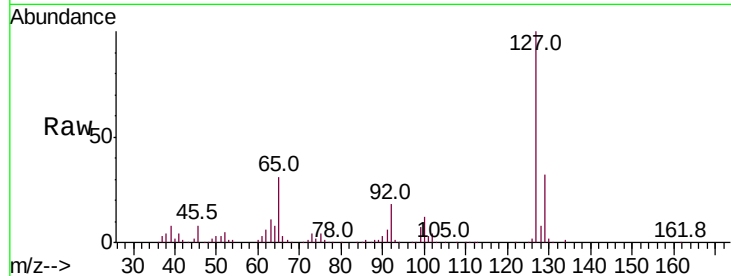




#33
4-Chloroaniline
Concen: 17.079 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF119667.D
Acq: 1 Apr 2020 11:53

Instrument :
BNA_F
ClientSampleId :
PB127920BS

Tot Ion:	127	Resp:	432748
Ion	Ratio	Lower	Upper
127	100		
129	31.5	26.2	39.4
65	30.9	27.4	41.0
92	18.1	15.3	22.9



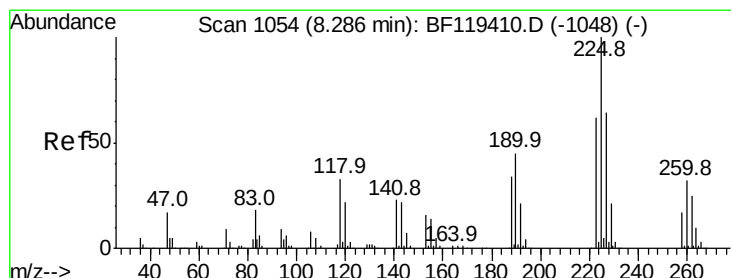
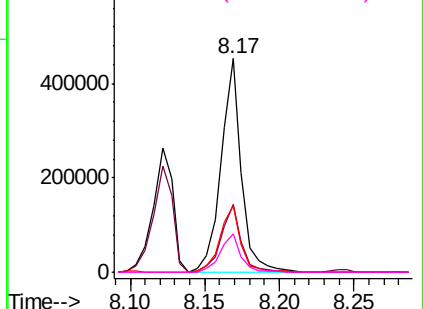
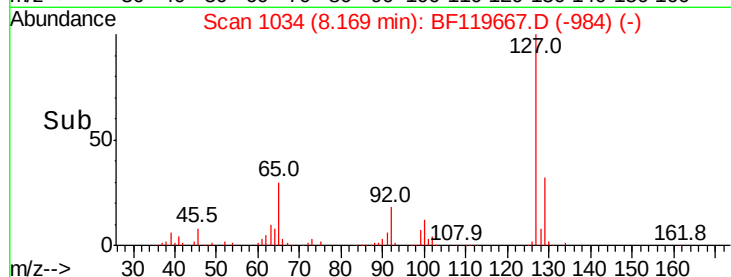
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

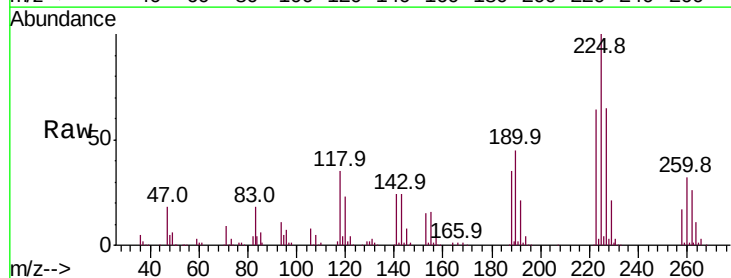
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 32.813 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF119667.D
Acq: 1 Apr 2020 11:53

Tgt Ion:	225	Resp:	320922
Ion	Ratio	Lower	Upper
225	100		
223	64.4	51.0	76.6
227	64.7	50.7	76.1

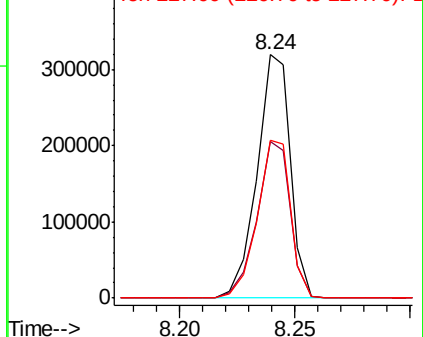
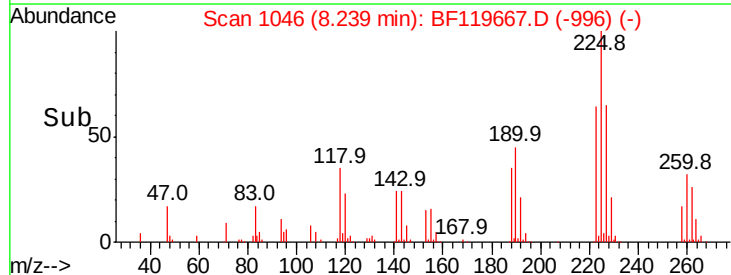


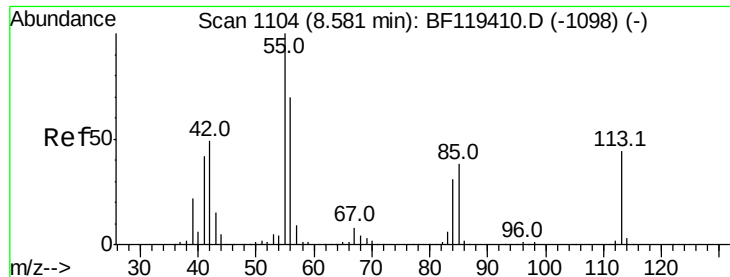
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

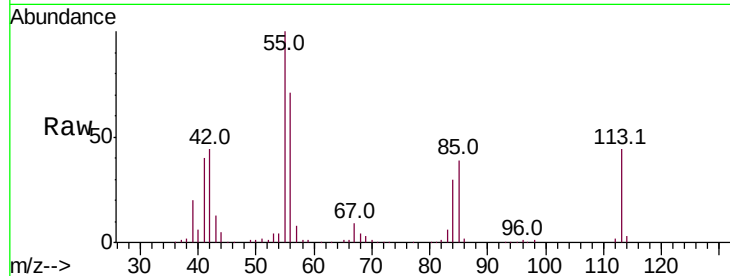




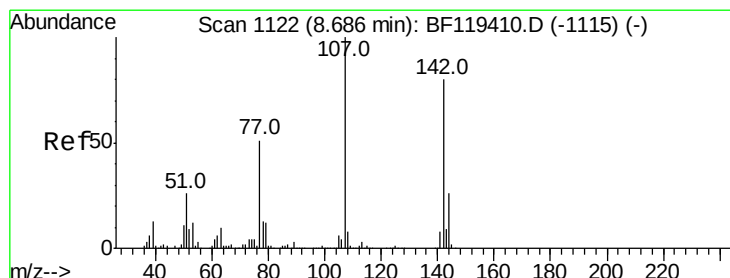
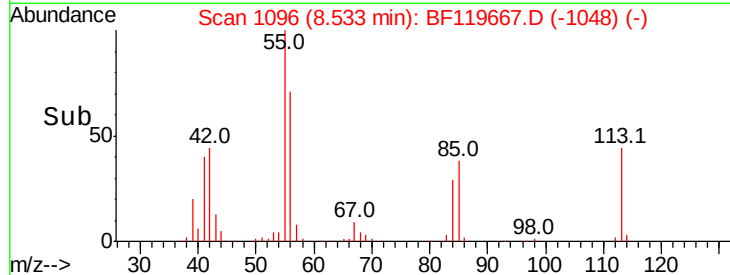
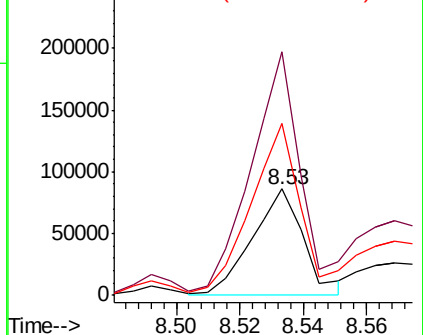
#35
 Caprolactam
 Concen: 18.763 ng
 RT: 8.53 min Scan# 1096
 Delta R.T. -0.02 min
 Lab File: BF119667.D
 Acq: 1 Apr 2020 11:53

Instrument :
 BNA_F
 ClientSampleId :
 PB127920BS

Tot Ion:113 Resp: 97064
 Ion Ratio Lower Upper
 113 100
 55 229.6 218.4 258.4
 56 162.6 148.9 188.9

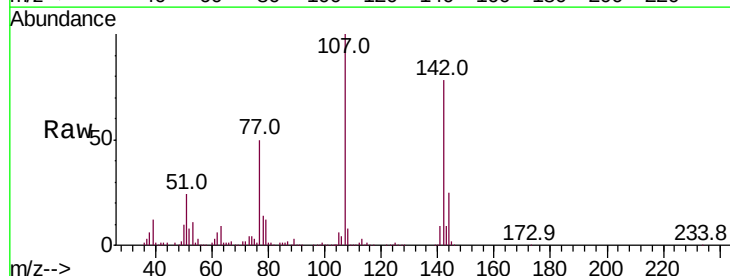


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

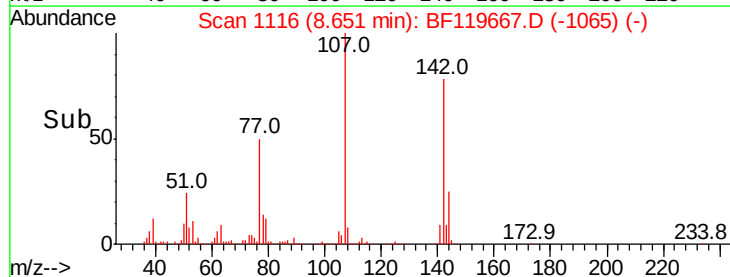
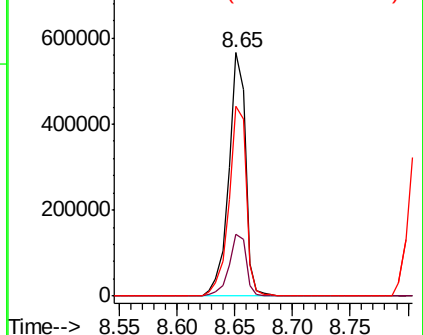


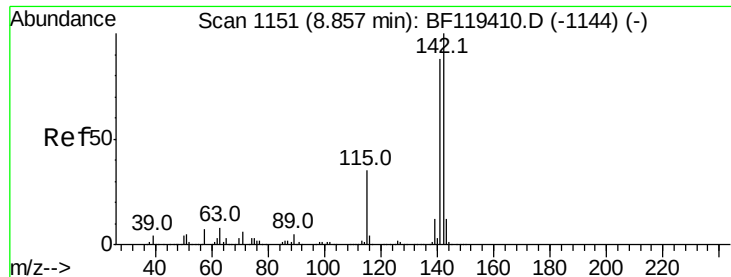
#36
 4-Chloro-3-methylphenol
 Concen: 32.966 ng
 RT: 8.65 min Scan# 1116
 Delta R.T. -0.00 min
 Lab File: BF119667.D
 Acq: 1 Apr 2020 11:53

Tgt Ion:107 Resp: 569517
 Ion Ratio Lower Upper
 107 100
 144 25.3 21.0 31.6
 142 77.8 64.4 96.6



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 34.032 ng

RT: 8.82 min Scan# 1144

Delta R.T. -0.00 min

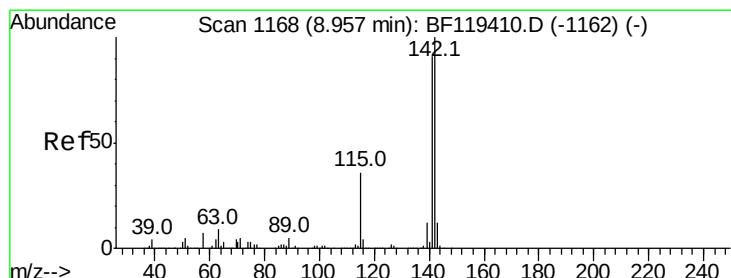
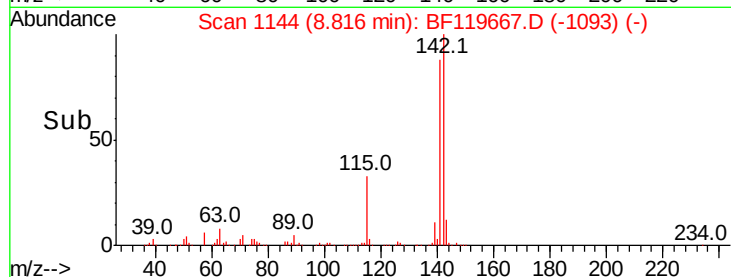
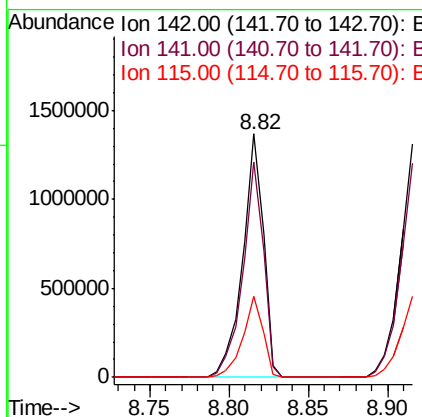
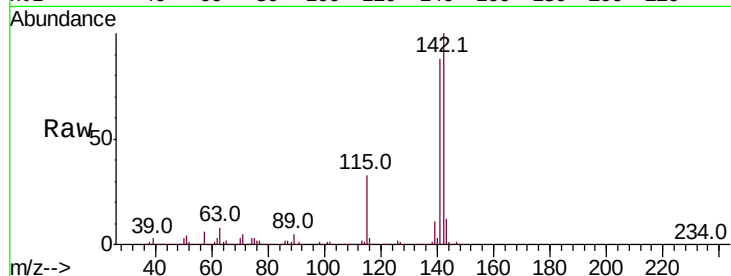
Lab File: BF119667.D

Acq: 1 Apr 2020 11:53

Instrument :
BNA_F
ClientSampleId :
PB127920BS

Tot Ion:142 Resp: 1235048

Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.7	107.5
115	33.3	27.9	41.9



#38

1-Methylnaphthalene

Concen: 34.048 ng

RT: 8.92 min Scan# 1161

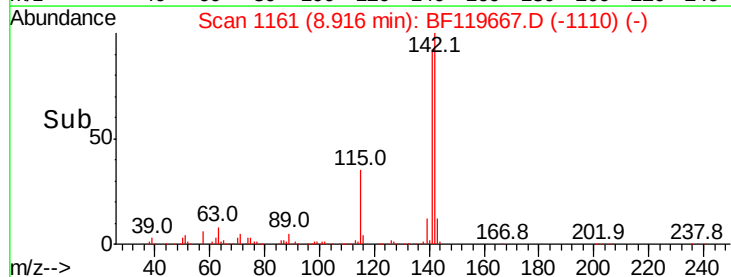
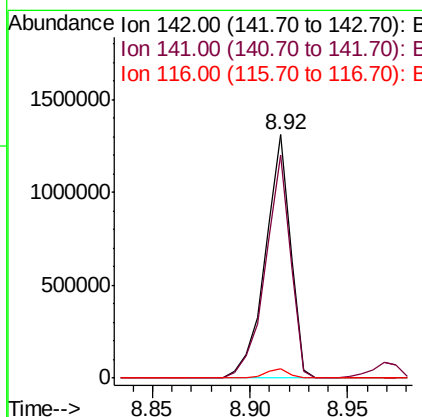
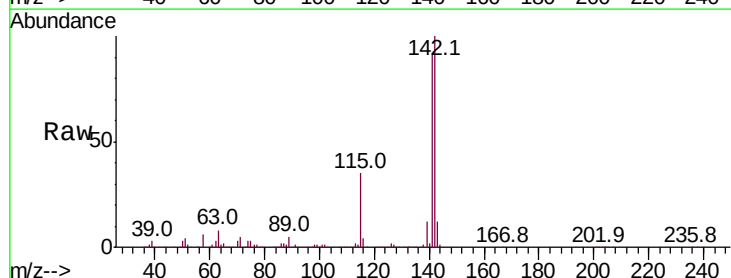
Delta R.T. -0.00 min

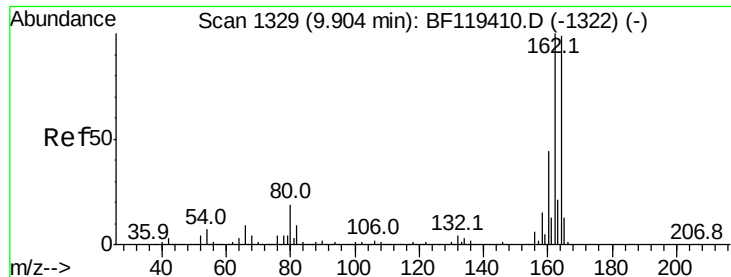
Lab File: BF119667.D

Acq: 1 Apr 2020 11:53

Tgt Ion:142 Resp: 1169528

Ion	Ratio	Lower	Upper
142	100		
141	91.9	73.7	110.5
116	3.7	3.0	4.6

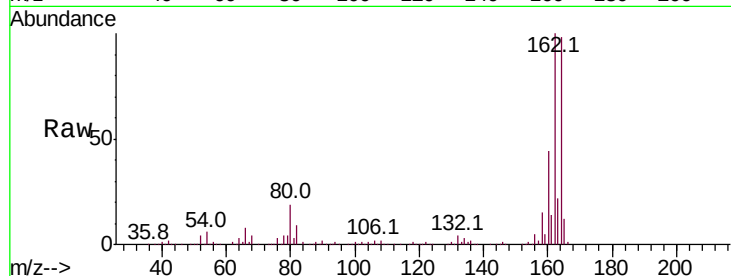




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: BF119667.D
 Acq: 1 Apr 2020 11:53

Instrument :
 BNA_F
 ClientSampleId :
 PB127920BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.4	80.6	121.0
160	45.3	35.7	53.5

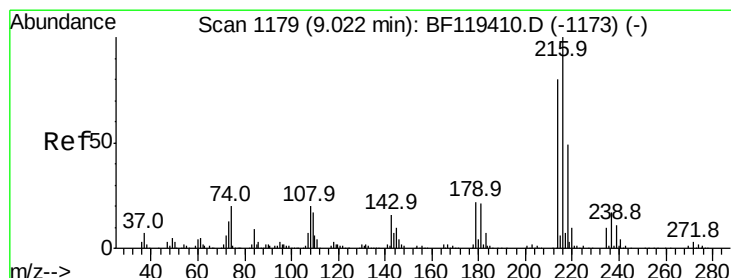
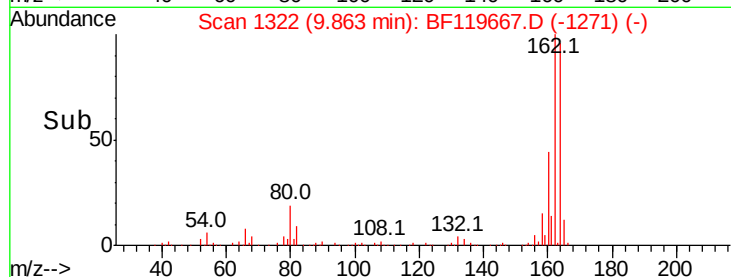
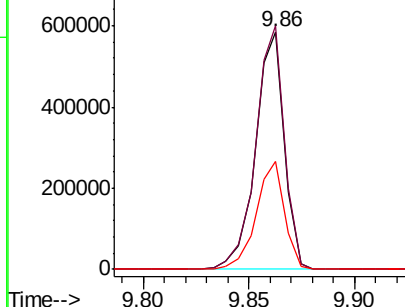


Abundance

Ion 164.00 (163.70 to 164.70): E

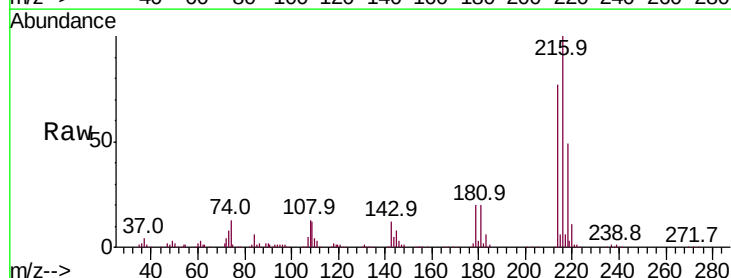
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 32.352 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. -0.00 min
 Lab File: BF119667.D
 Acq: 1 Apr 2020 11:53

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.2	94.8
179	21.4	17.1	25.7
108	20.4	15.1	22.7



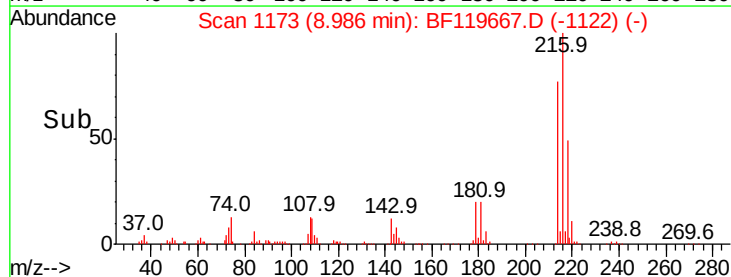
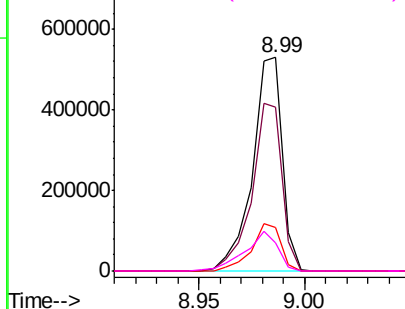
Abundance

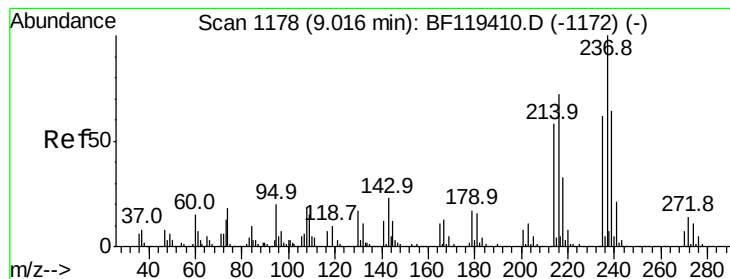
Ion 216.00 (215.70 to 216.70): E

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: 73.500 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.01 min

Lab File: BF119667.D

Acq: 1 Apr 2020 11:53

Instrument :

BNA_F

ClientSampleId :

PB127920BS

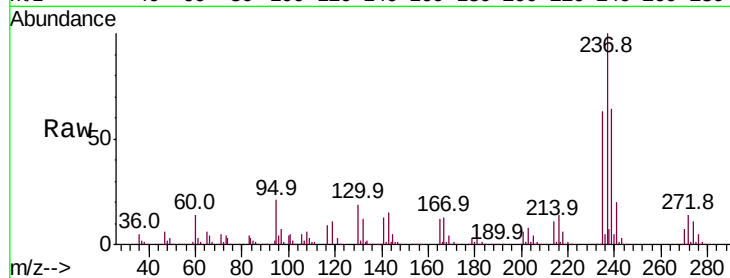
Tot Ion:237 Resp: 678758

Ion Ratio Lower Upper

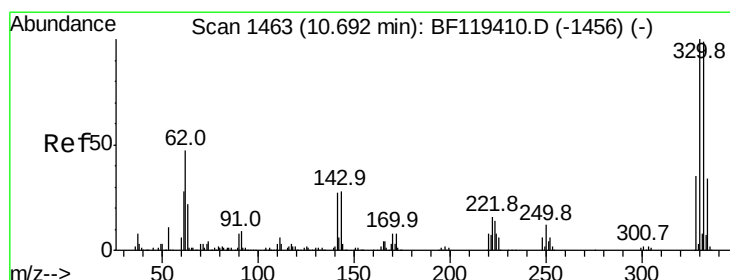
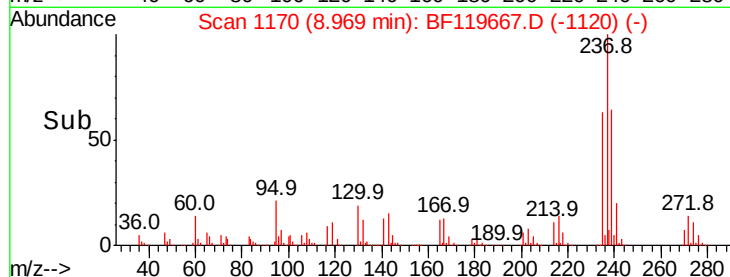
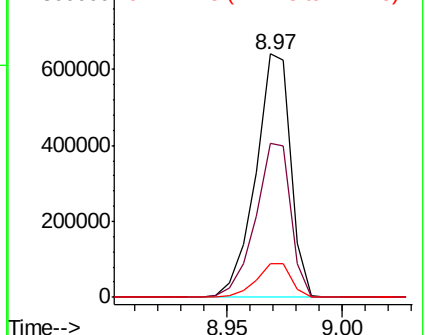
237 100

235 63.2 43.2 83.2

272 13.9 0.0 34.1



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: 104.955 ng

RT: 10.65 min Scan# 1456

Delta R.T. -0.00 min

Lab File: BF119667.D

Acq: 1 Apr 2020 11:53

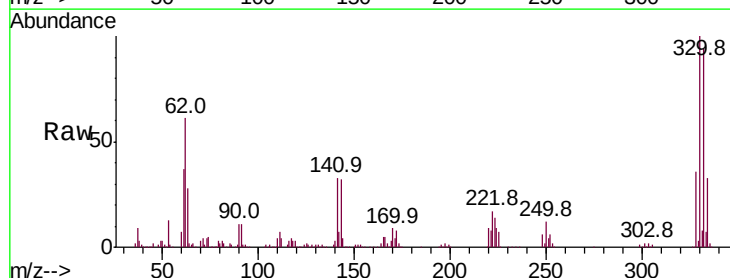
Tgt Ion:330 Resp: 600069

Ion Ratio Lower Upper

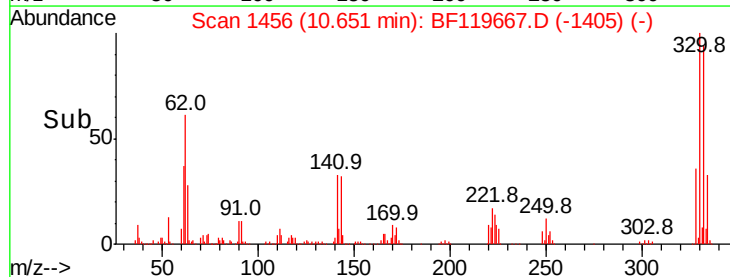
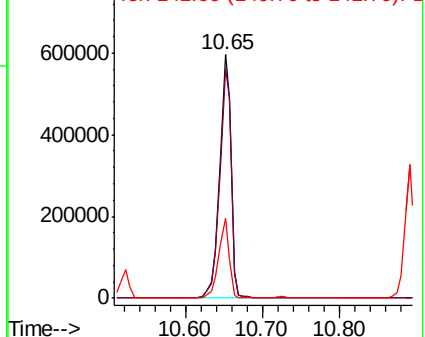
330 100

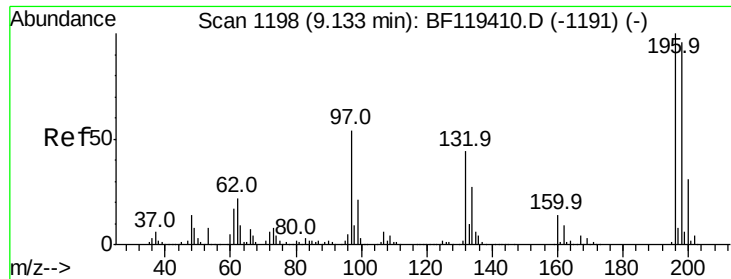
332 95.9 75.7 113.5

141 30.4 25.4 38.0



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

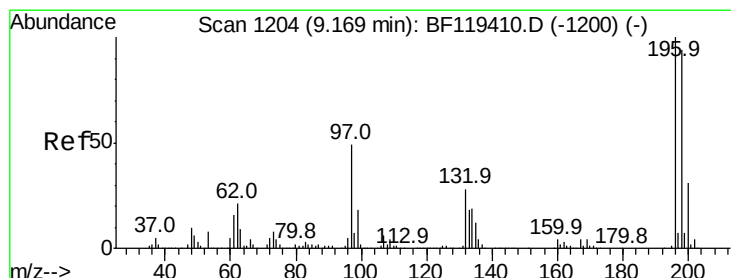
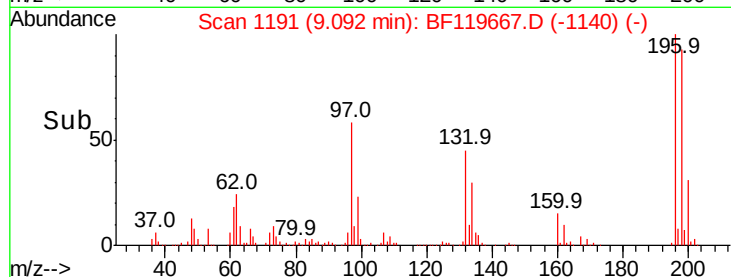
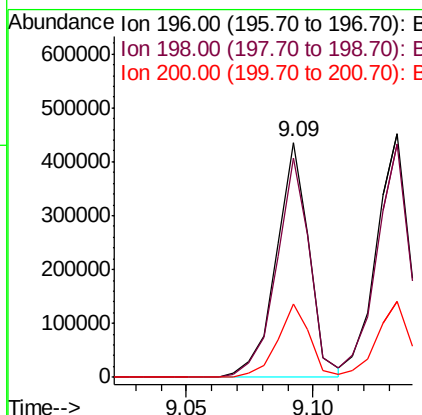
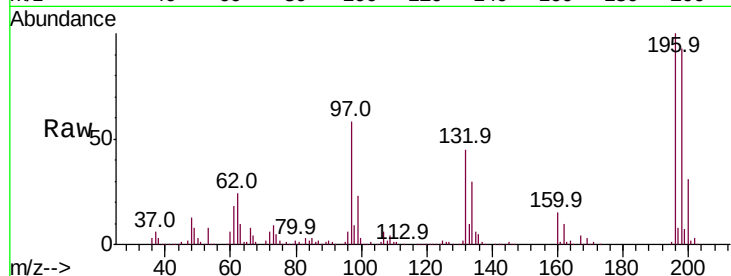




#43
 2,4,6-Trichlorophenol
 Concen: 33.965 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: BF119667.D
 Acq: 1 Apr 2020 11:53

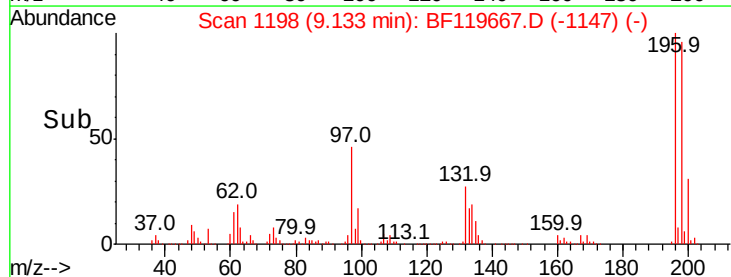
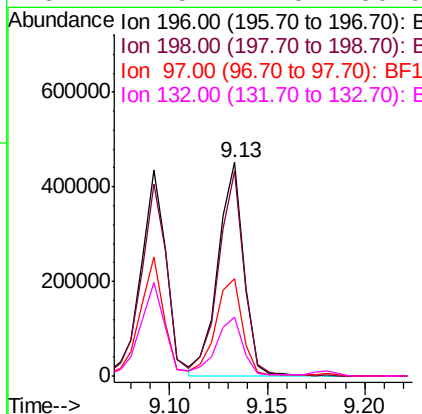
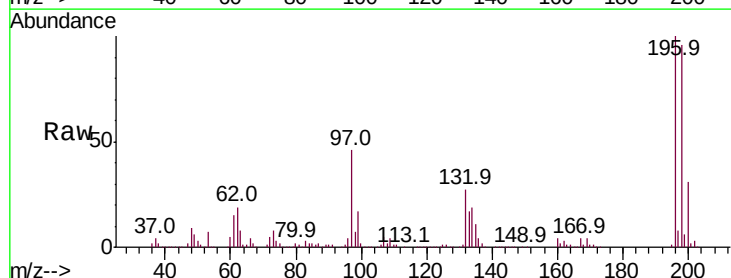
Instrument :
 BNA_F
 ClientSampleId :
 PB127920BS

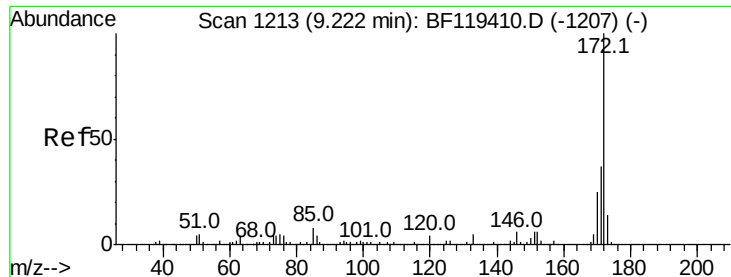
Tot Ion:196	Resp:	394818
Ion	Ratio	Lower Upper
196	100	
198	93.1	76.6 115.0
200	31.1	24.6 36.8



#44
 2,4,5-Trichlorophenol
 Concen: 31.607 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.00 min
 Lab File: BF119667.D
 Acq: 1 Apr 2020 11:53

Tgt Ion:196	Resp:	411585
Ion	Ratio	Lower Upper
196	100	
198	95.8	73.8 110.8
97	45.7	42.6 63.8
132	27.5	24.0 36.0

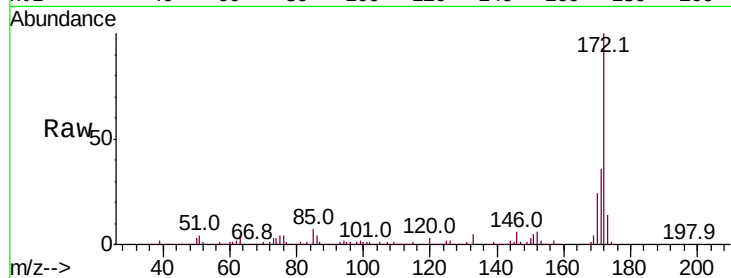




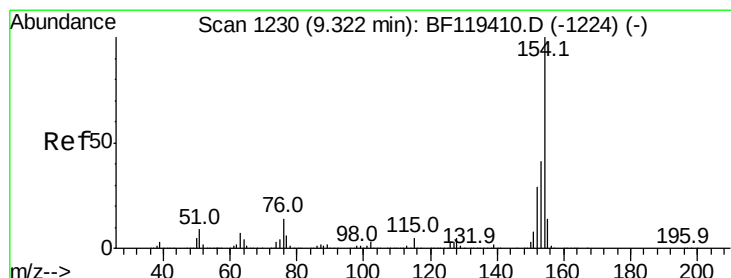
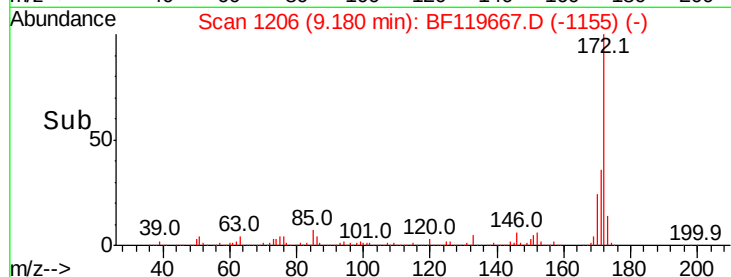
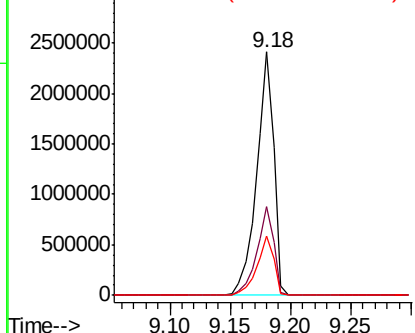
#45
2-Fluorobiphenyl
Concen: 63.755 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.00 min
Lab File: BF119667.D
Acq: 1 Apr 2020 11:53

Instrument :
BNA_F
ClientSampleId :
PB127920BS

Tot Ion:172 Resp: 2384955
Ion Ratio Lower Upper
172 100
171 36.2 29.6 44.4
170 24.4 20.2 30.2

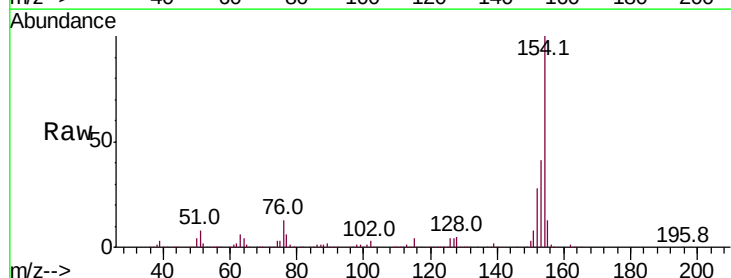


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

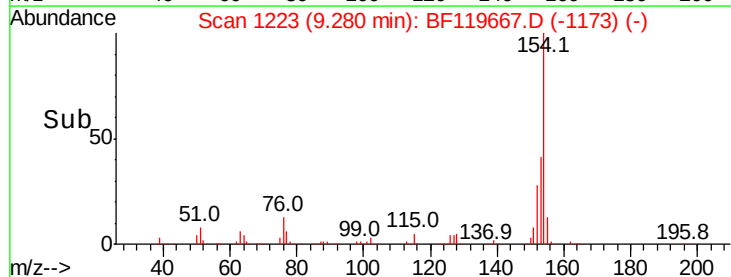
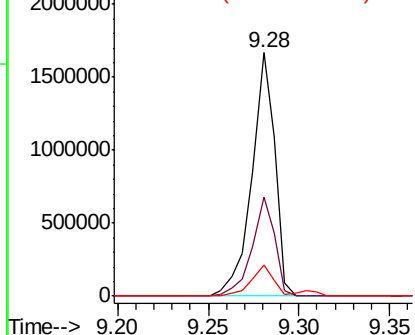


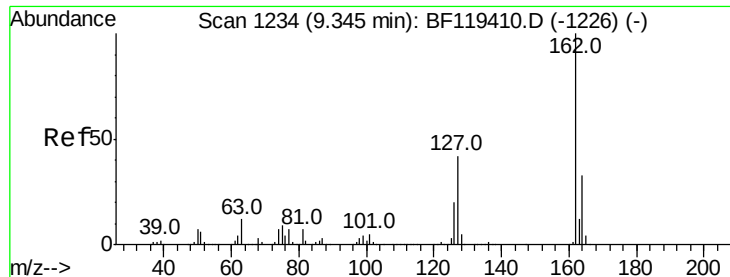
#46
1,1'-Biphenyl
Concen: 32.547 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BF119667.D
Acq: 1 Apr 2020 11:53

Tgt Ion:154 Resp: 1469035
Ion Ratio Lower Upper
154 100
153 40.9 21.4 61.4
76 13.0 0.0 33.0



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

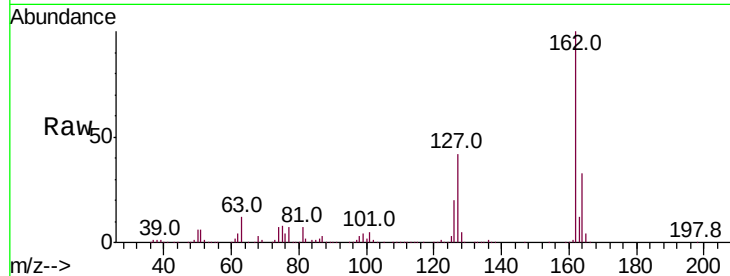




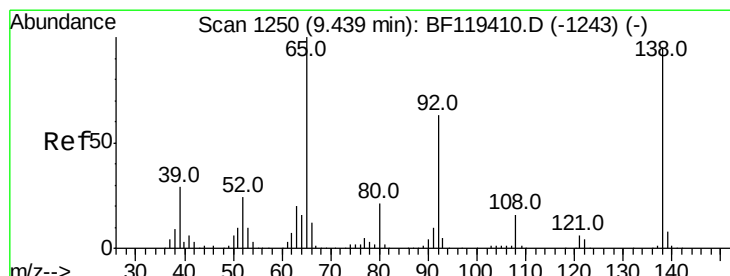
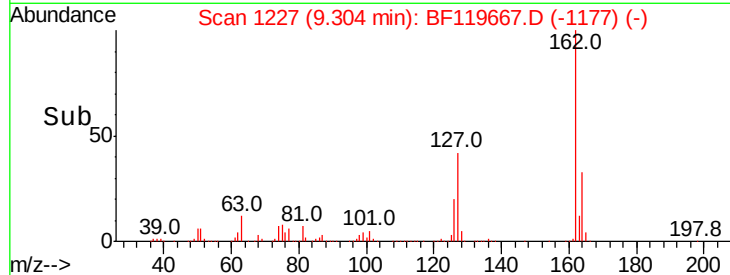
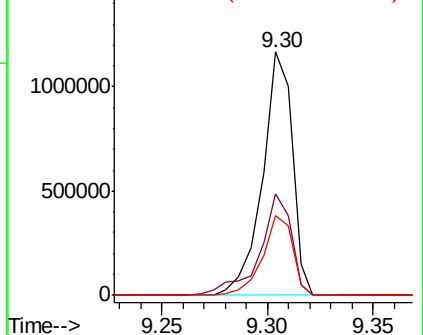
#47
 2-Chloronaphthalene
 Concen: 32.561 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: BF119667.D
 Acq: 1 Apr 2020 11:53

Instrument :
 BNA_F
 ClientSampleId :
 PB127920BS

Tot Ion:162 Resp: 1151213
 Ion Ratio Lower Upper
 162 100
 127 41.5 33.7 50.5
 164 33.0 26.3 39.5

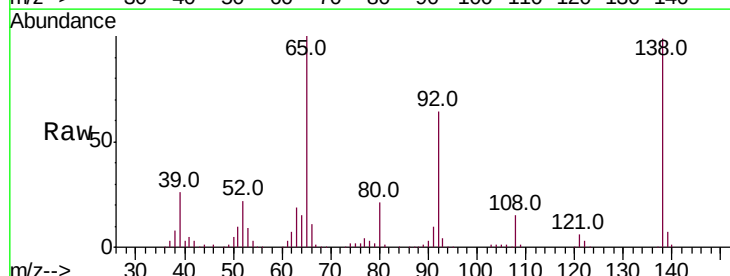


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

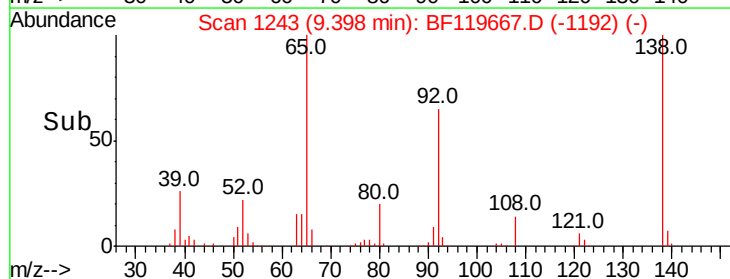
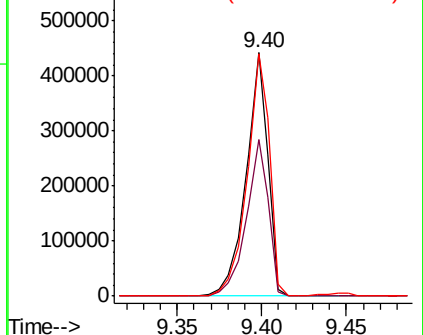


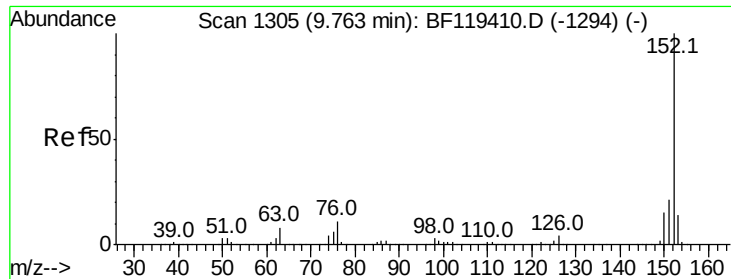
#48
 2-Nitroaniline
 Concen: 32.563 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. -0.00 min
 Lab File: BF119667.D
 Acq: 1 Apr 2020 11:53

Tgt Ion: 65 Resp: 397376
 Ion Ratio Lower Upper
 65 100
 92 64.4 50.0 75.0
 138 99.4 75.0 112.4



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: 32.668 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.00 min

Lab File: BF119667.D

Acq: 1 Apr 2020 11:53

Instrument :

BNA_F

ClientSampleId :

PB127920BS

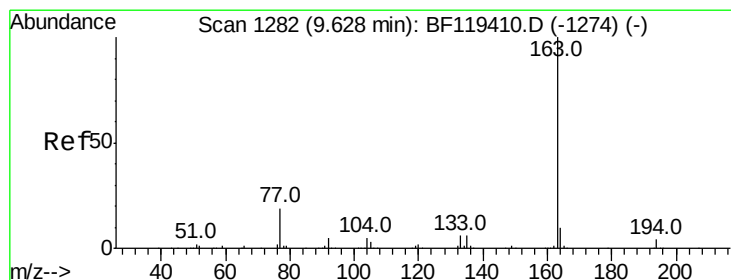
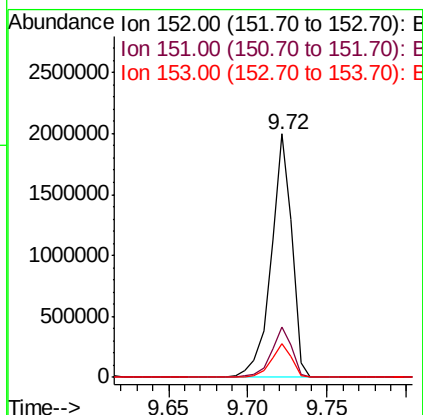
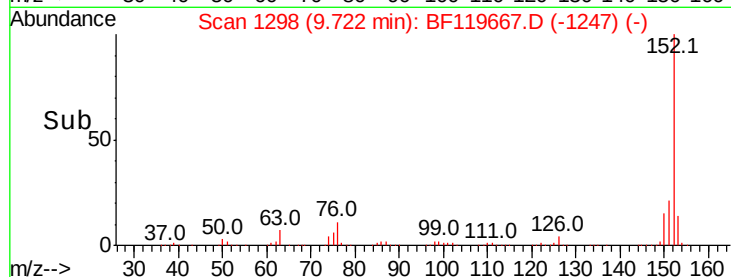
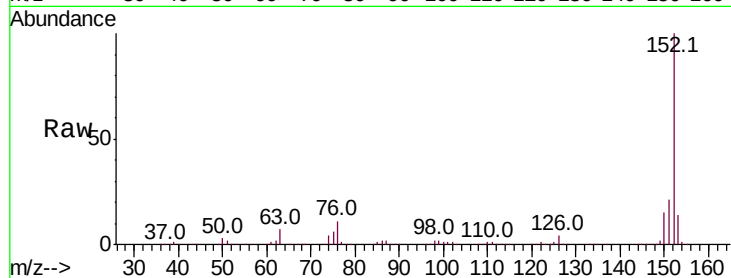
Tot Ion:152 Resp: 1813788

Ion Ratio Lower Upper

152 100

151 20.8 17.2 25.8

153 13.9 11.2 16.8



#50

Dimethylphthalate

Concen: 34.178 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.00 min

Lab File: BF119667.D

Acq: 1 Apr 2020 11:53

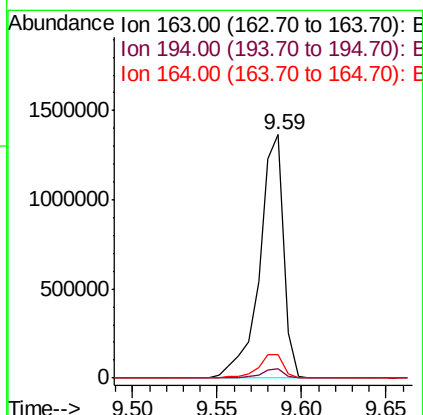
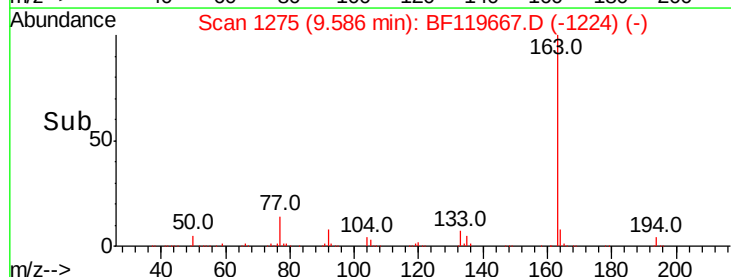
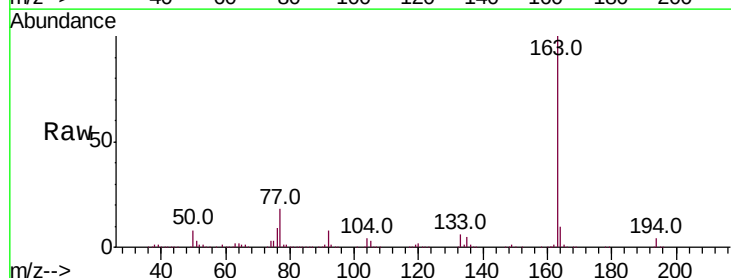
Tgt Ion:163 Resp: 1345384

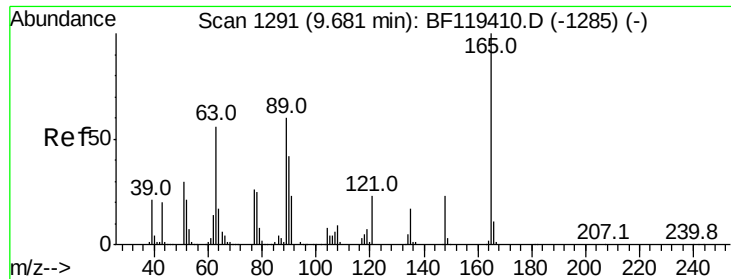
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 9.8 8.2 12.2

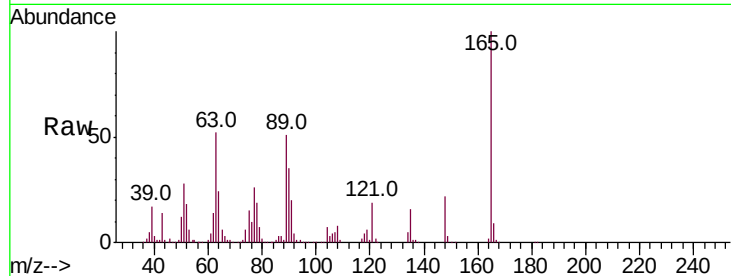




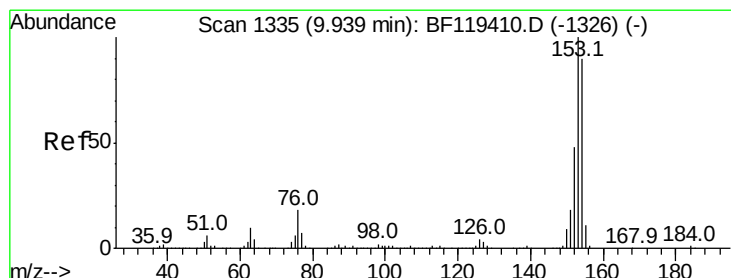
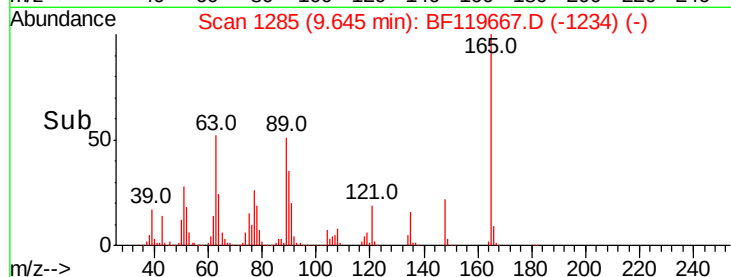
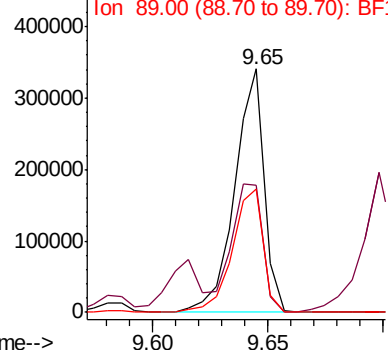
#51
2,6-Dinitrotoluene
Concen: 35.872 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.00 min
Lab File: BF119667.D
Acq: 1 Apr 2020 11:53

Instrument :
BNA_F
ClientSampleId :
PB127920BS

Tot Ion:165 Resp: 302667
Ion Ratio Lower Upper
165 100
63 52.0 45.0 67.4
89 50.7 41.5 62.3

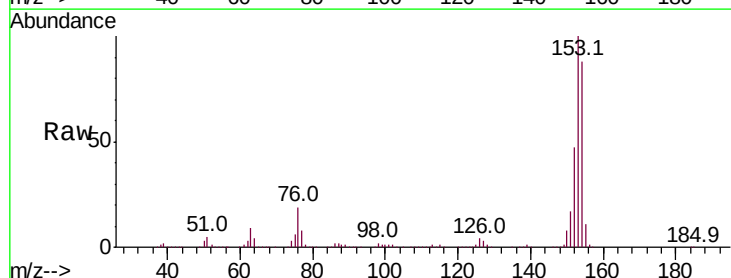


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

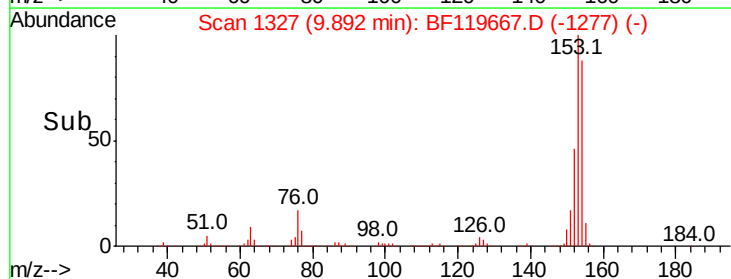
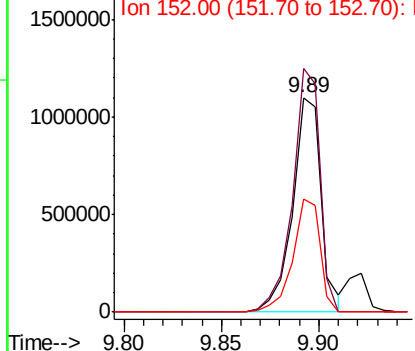


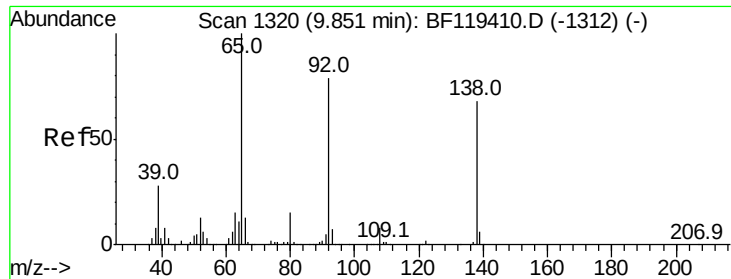
#52
Acenaphthene
Concen: 32.145 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF119667.D
Acq: 1 Apr 2020 11:53

Tgt Ion:154 Resp: 1112620
Ion Ratio Lower Upper
154 100
153 113.7 88.1 132.1
152 52.9 43.0 64.4



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

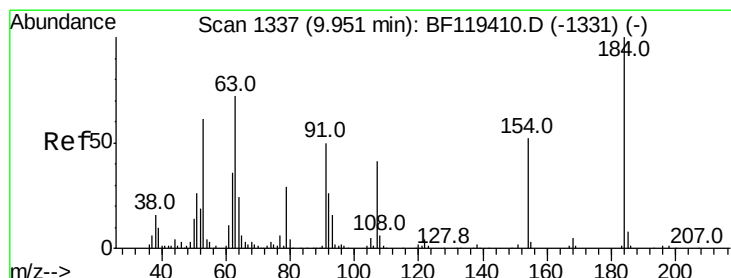
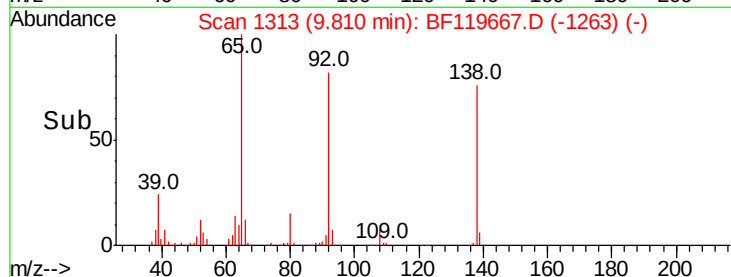
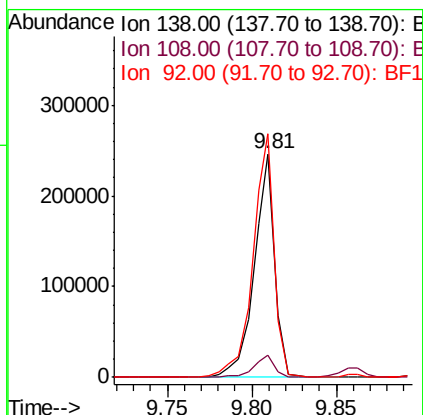
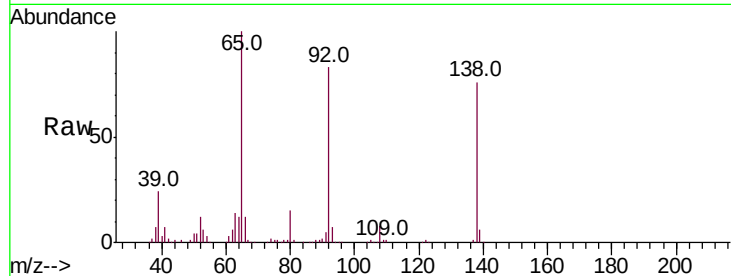




#53
3-Nitroaniline
Concen: 19.563 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF119667.D
Acq: 1 Apr 2020 11:53

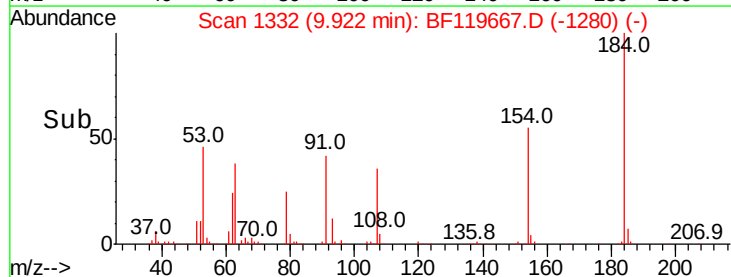
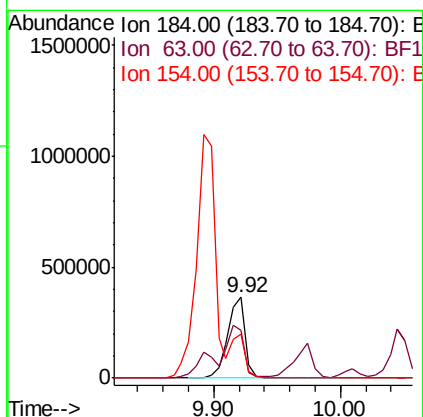
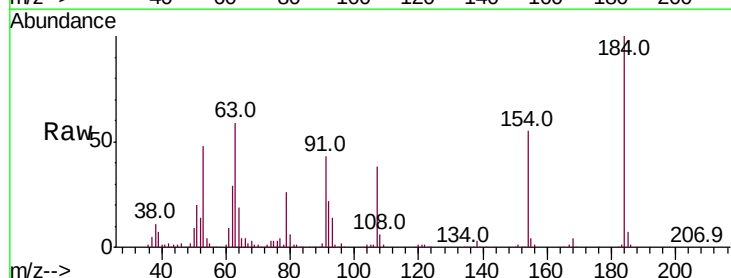
Instrument :
BNA_F
ClientSampleId :
PB127920BS

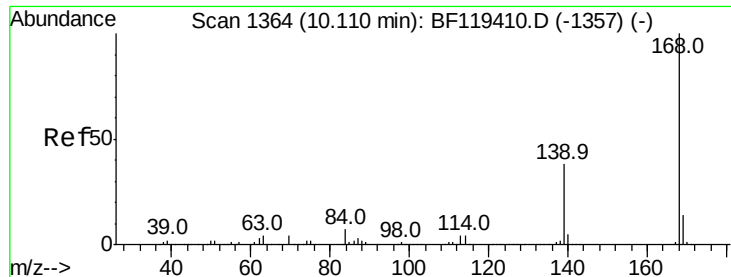
Tot Ion:138 Resp: 208386
Ion Ratio Lower Upper
138 100
108 9.9 8.6 13.0
92 108.8 95.4 143.0



#54
2,4-Dinitrophenol
Concen: 94.414 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.01 min
Lab File: BF119667.D
Acq: 1 Apr 2020 11:53

Tgt Ion:184 Resp: 349963
Ion Ratio Lower Upper
184 100
63 58.8 50.2 75.4
154 55.0 44.5 66.7





#55

Dibenzofuran

Concen: 33.266 ng

RT: 10.07 min Scan# 1357

Delta R.T. -0.00 min

Lab File: BF119667.D

Acq: 1 Apr 2020 11:53

Instrument :

BNA_F

ClientSampleId :

PB127920BS

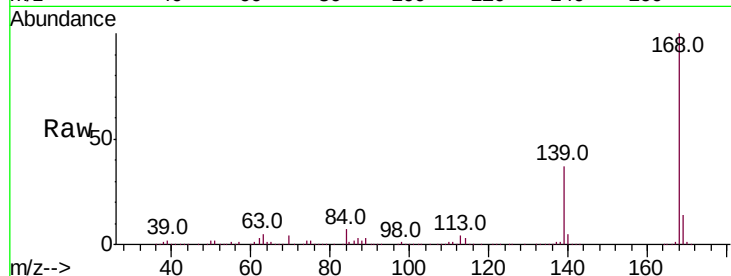
Tot Ion:168 Resp: 1650831

Ion Ratio Lower Upper

168 100

139 36.6 30.1 45.1

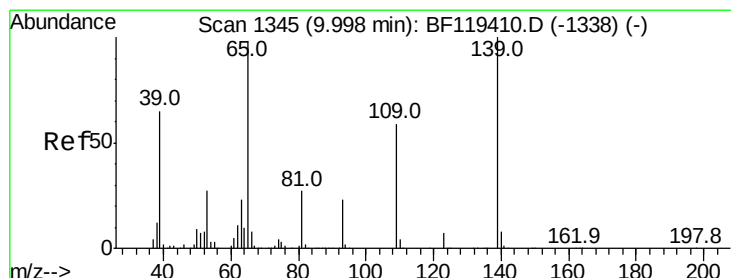
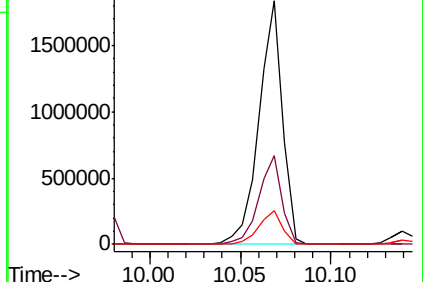
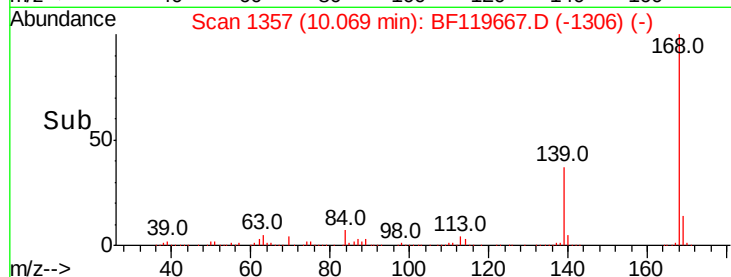
169 13.7 11.0 16.6



Abundance Ion 168.00 (167.70 to 168.70): E

2500000 Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 65.270 ng

RT: 9.97 min Scan# 1341

Delta R.T. 0.01 min

Lab File: BF119667.D

Acq: 1 Apr 2020 11:53

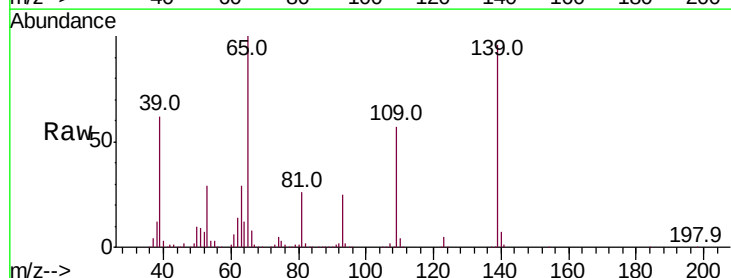
Tgt Ion:139 Resp: 548482

Ion Ratio Lower Upper

139 100

109 59.8 43.3 83.3

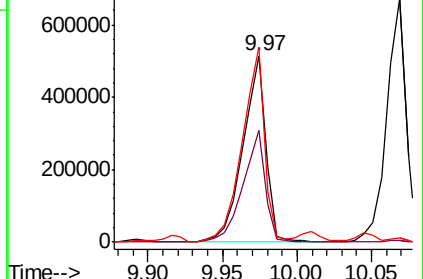
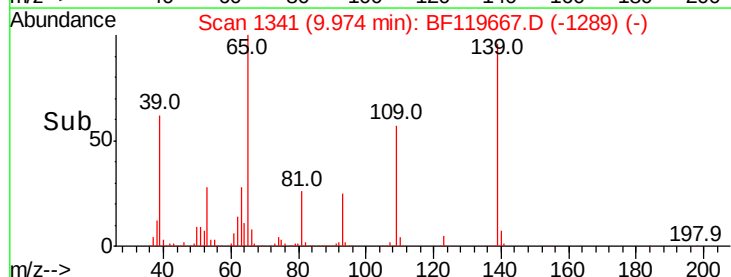
65 104.5 91.0 131.0

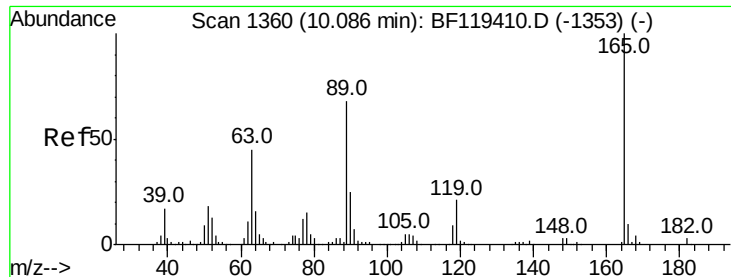


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

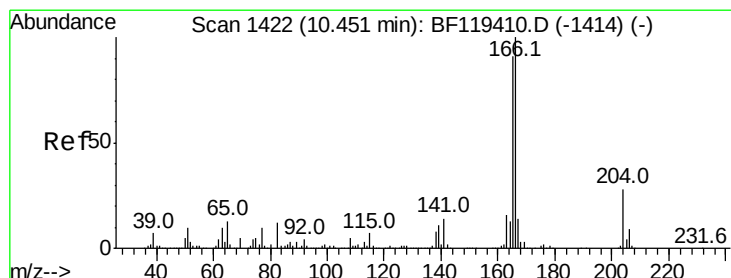
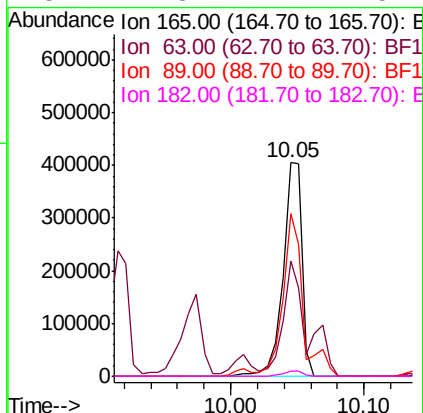
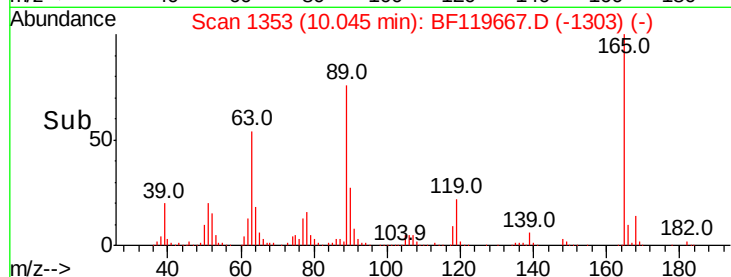
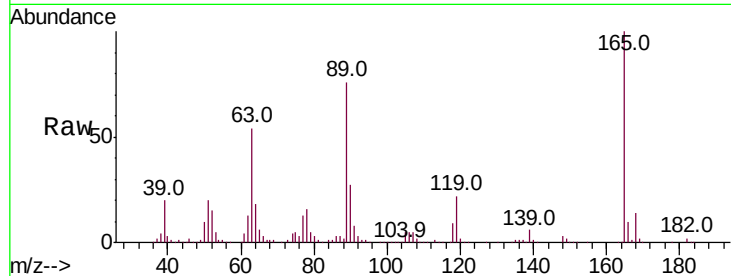




#57
 2,4-Dinitrotoluene
 Concen: 38.123 ng
 RT: 10.05 min Scan# 1353
 Delta R.T. -0.01 min
 Lab File: BF119667.D
 Acq: 1 Apr 2020 11:53

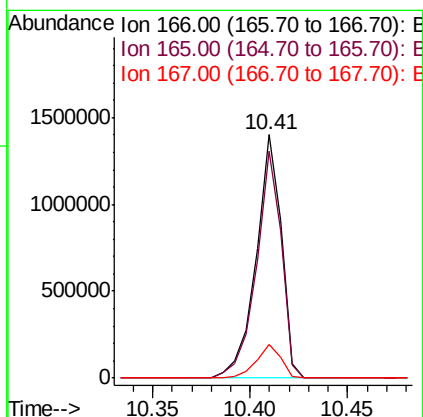
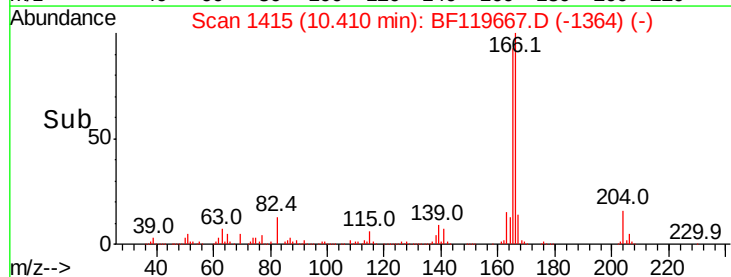
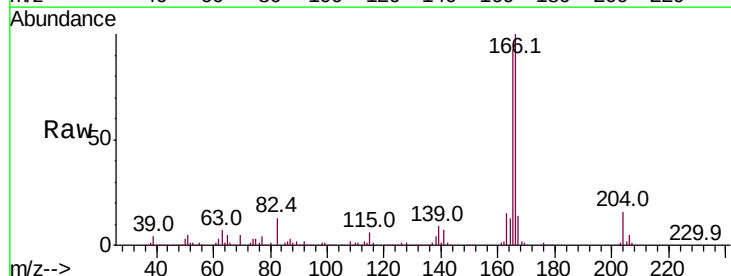
Instrument :
 BNA_F
 ClientSampleId :
 PB127920BS

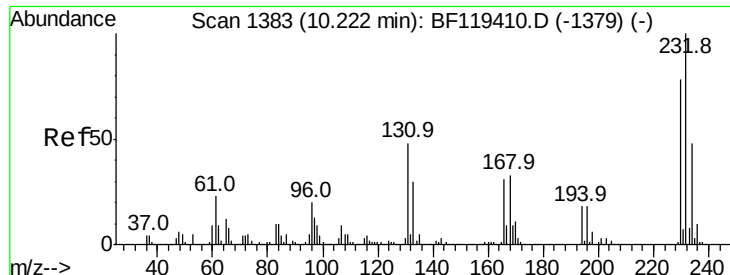
Tot Ion:165	Resp:	405205
Ion	Ratio	Lower Upper
165	100	
63	54.2	42.6 64.0
89	76.2	61.0 91.4
182	2.3	2.2 3.2



#58
 Fluorene
 Concen: 34.140 ng
 RT: 10.41 min Scan# 1415
 Delta R.T. -0.00 min
 Lab File: BF119667.D
 Acq: 1 Apr 2020 11:53

Tgt Ion:166	Resp:	1252863
Ion	Ratio	Lower Upper
166	100	
165	93.5	75.4 113.2
167	14.0	11.2 16.8





#59

2,3,4,6-Tetrachlorophenol

Concen: 36.230 ng

RT: 10.19 min Scan# 1377

Delta R.T. -0.00 min

Lab File: BF119667.D

Acq: 1 Apr 2020 11:53

Instrument :

BNA_F

ClientSampleId :

PB127920BS

Tot Ion:232 Resp: 352657

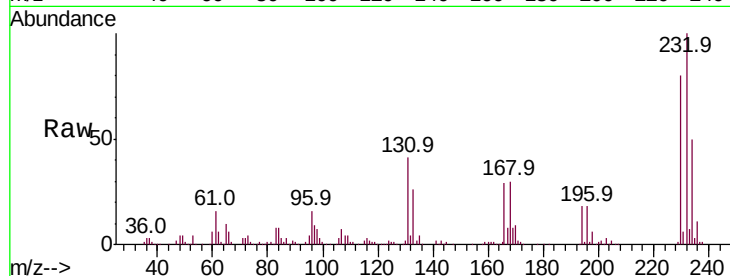
Ion Ratio Lower Upper

232 100

131 45.0 37.5 56.3

130 2.0 1.8 2.6

166 30.9 24.6 36.8

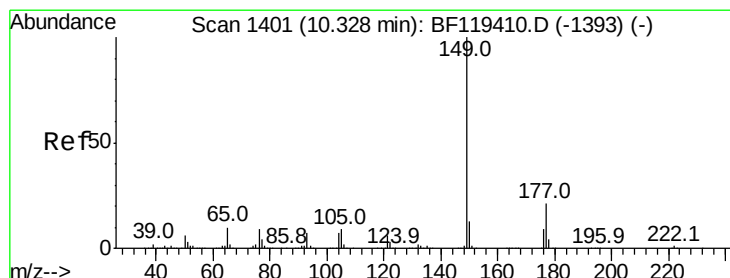
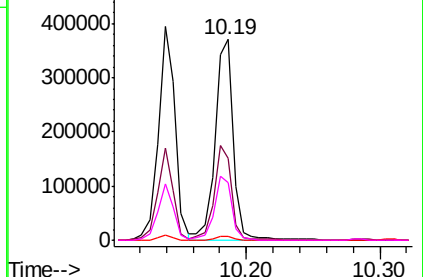
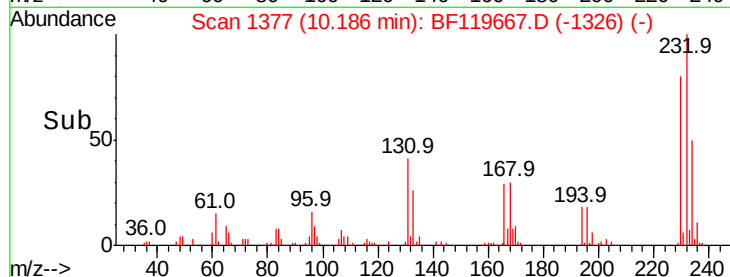


Abundance Ion 232.00 (231.70 to 232.70): E

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: 34.461 ng

RT: 10.29 min Scan# 1394

Delta R.T. -0.00 min

Lab File: BF119667.D

Acq: 1 Apr 2020 11:53

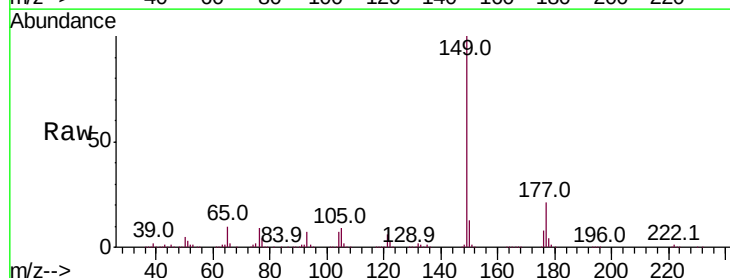
Tgt Ion:149 Resp: 1376796

Ion Ratio Lower Upper

149 100

177 21.3 17.0 25.6

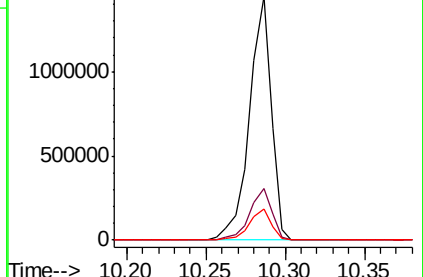
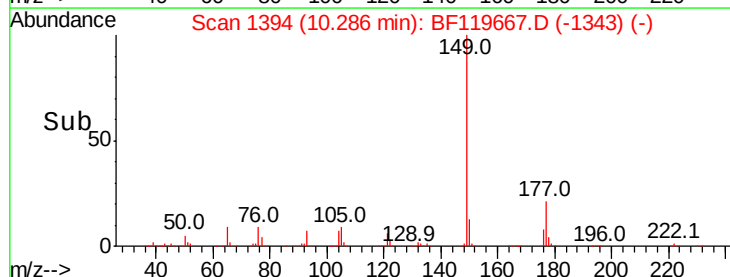
150 12.7 10.1 15.1

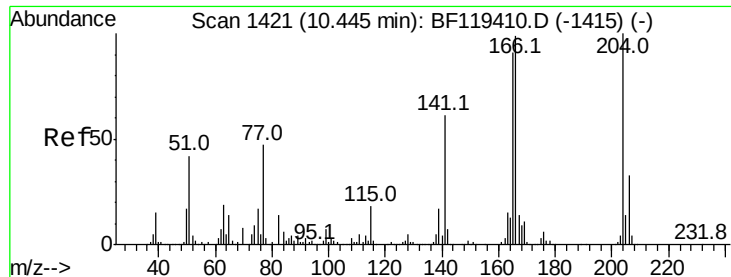


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

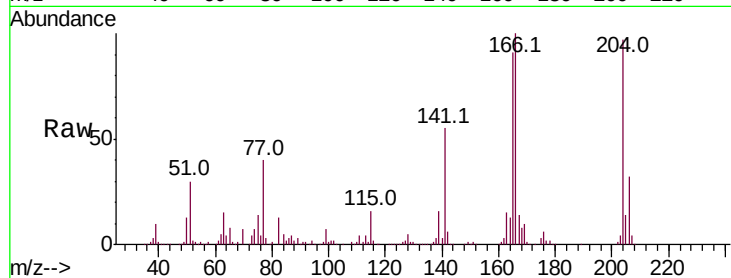




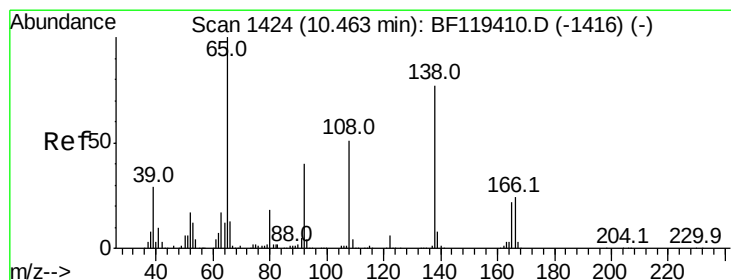
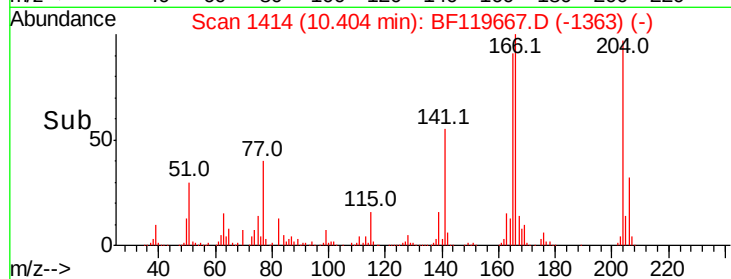
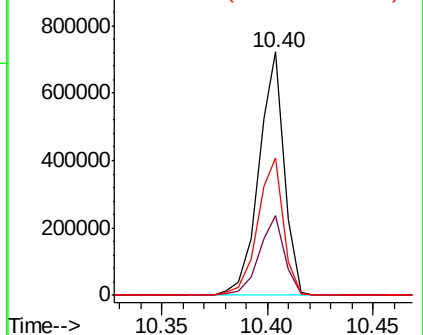
#61
 4-Chlorophenyl-phenylether
 Concen: 33.538 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. -0.00 min
 Lab File: BF119667.D
 Acq: 1 Apr 2020 11:53

Instrument :
 BNA_F
 ClientSampleId :
 PB127920BS

Tot Ion:204 Resp: 601858
 Ion Ratio Lower Upper
 204 100
 206 32.7 26.7 40.1
 141 56.5 47.3 70.9

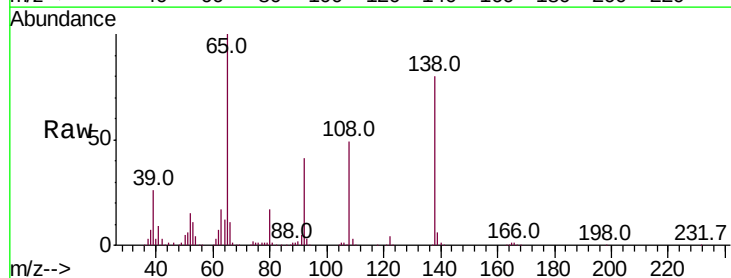


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

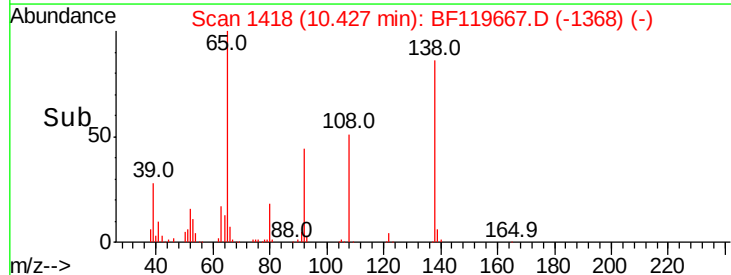
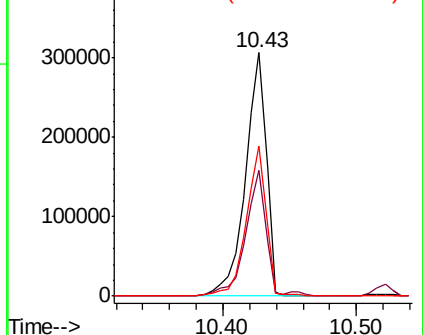


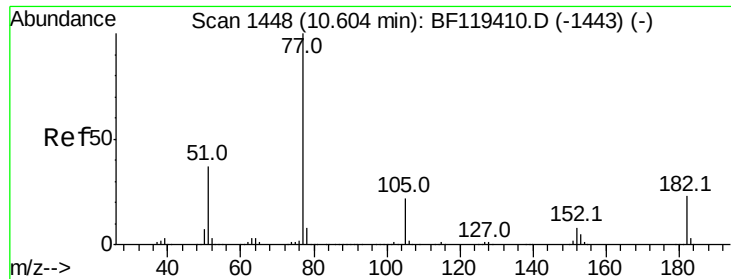
#62
 4-Nitroaniline
 Concen: 32.229 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. -0.01 min
 Lab File: BF119667.D
 Acq: 1 Apr 2020 11:53

Tgt Ion:138 Resp: 329217
 Ion Ratio Lower Upper
 138 100
 92 51.5 31.5 71.5
 108 61.8 45.8 85.8



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

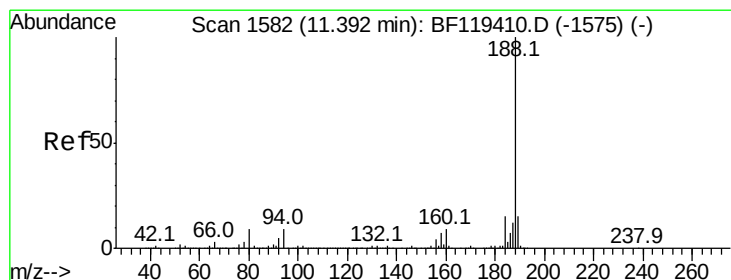
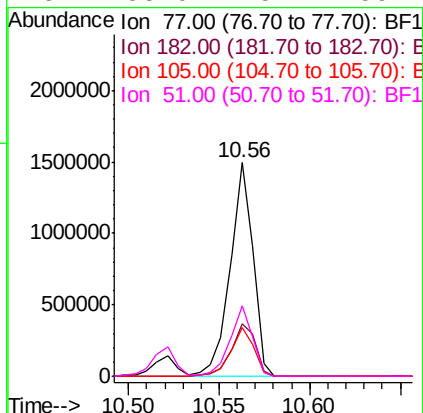
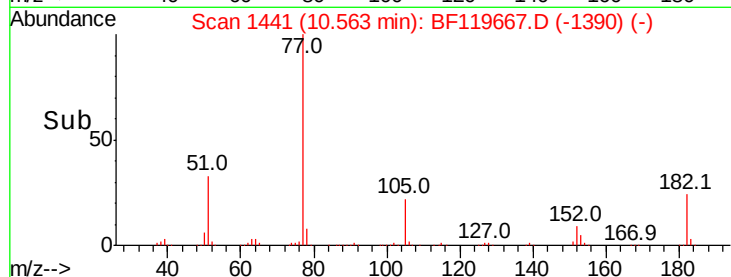
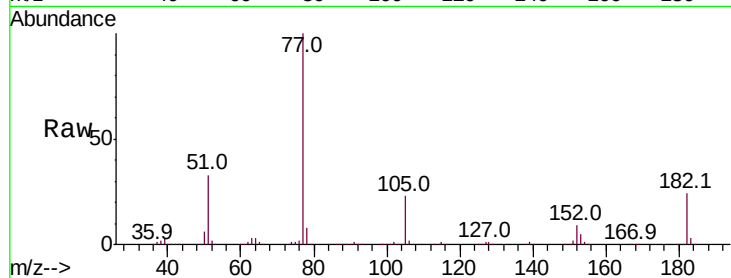




#63
Azobenzene
Concen: 32.784 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.00 min
Lab File: BF119667.D
Acq: 1 Apr 2020 11:53

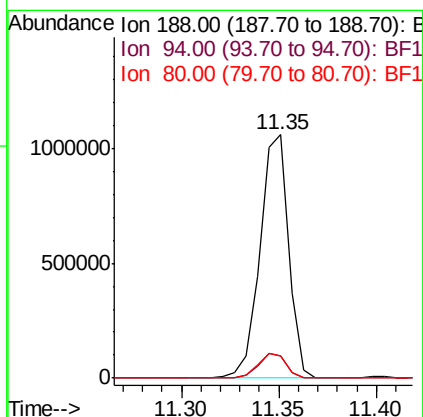
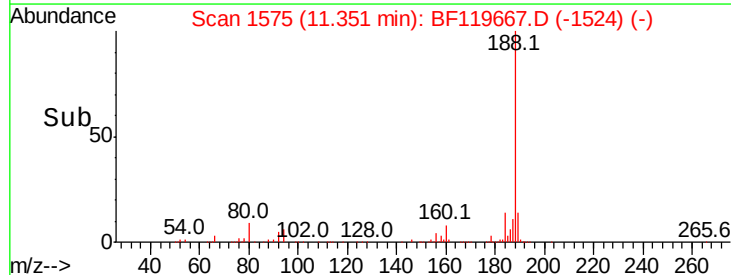
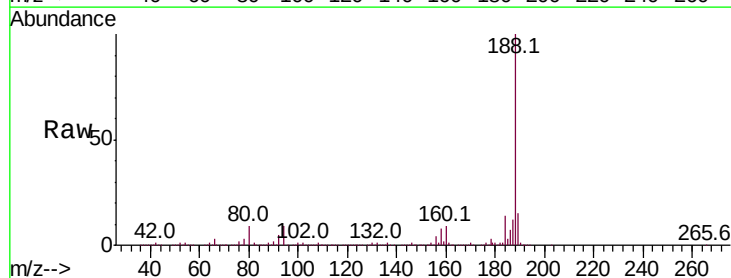
Instrument :
BNA_F
ClientSampleId :
PB127920BS

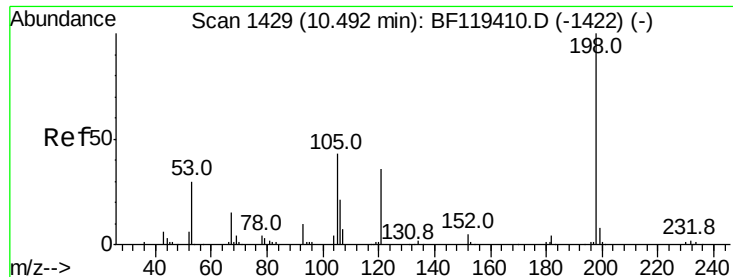
Tot Ion: 77 Resp: 1318984
Ion Ratio Lower Upper
77 100
182 24.3 4.4 44.4
105 22.8 2.6 42.6
51 33.0 15.1 55.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.00 min
Lab File: BF119667.D
Acq: 1 Apr 2020 11:53

Tgt Ion:188 Resp: 1077058
Ion Ratio Lower Upper
188 100
94 9.2 7.5 11.3
80 9.1 9.0 13.4





#65

4,6-Dinitro-2-methylphenol

Concen: 51.752 ng

RT: 10.46 min Scan# 1423

Delta R.T. -0.00 min

Lab File: BF119667.D

Acq: 1 Apr 2020 11:53

Instrument :

BNA_F

ClientSampleId :

PB127920BS

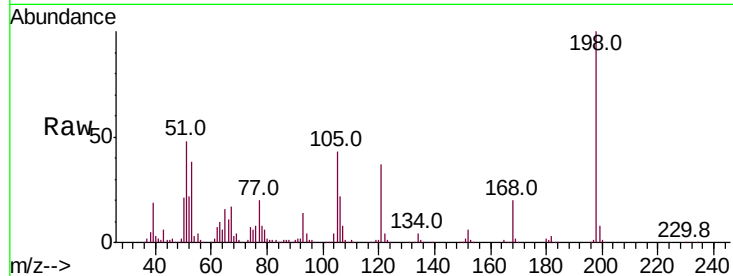
Tot Ion:198 Resp: 233733

Ion Ratio Lower Upper

198 100

51 48.0 29.0 69.0

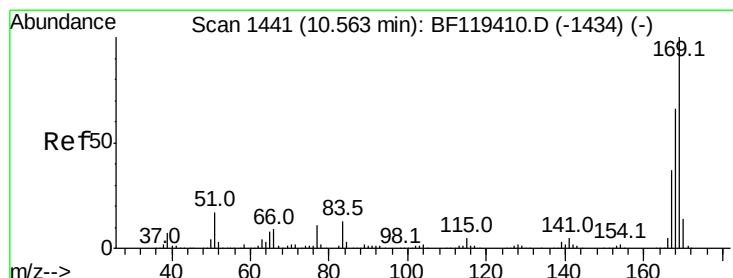
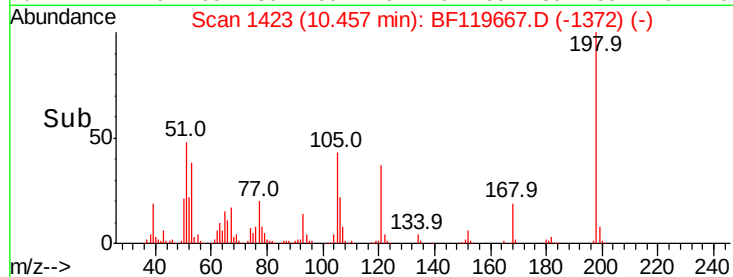
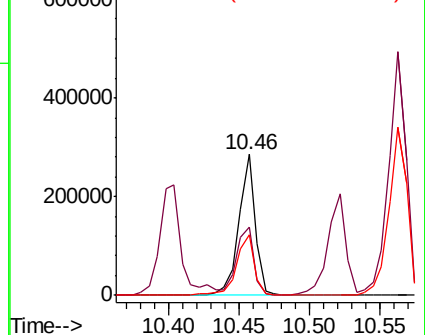
105 43.0 22.2 62.2



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: 32.846 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.00 min

Lab File: BF119667.D

Acq: 1 Apr 2020 11:53

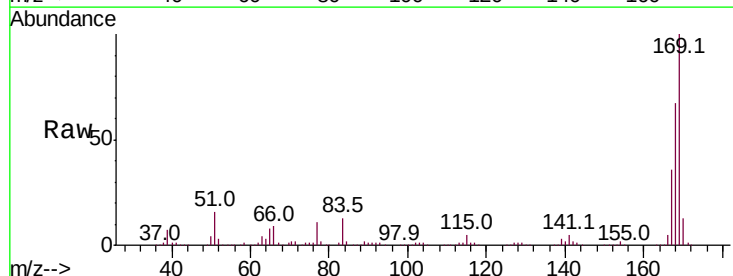
Tgt Ion:169 Resp: 1161367

Ion Ratio Lower Upper

169 100

168 66.7 53.2 79.8

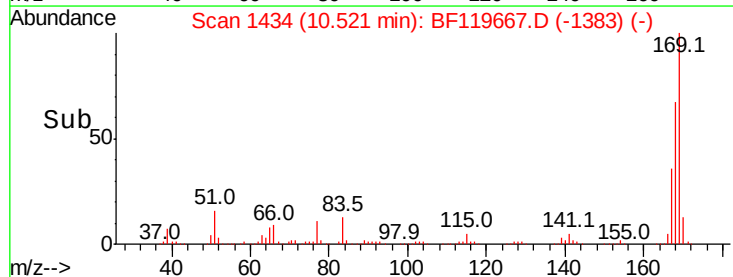
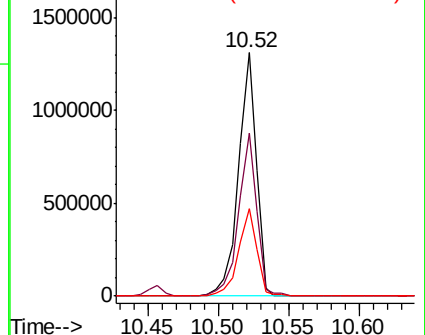
167 35.8 29.1 43.7

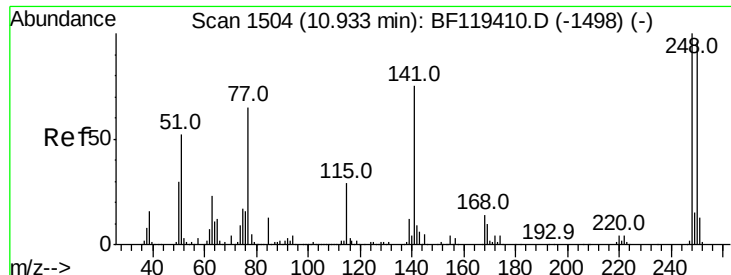


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

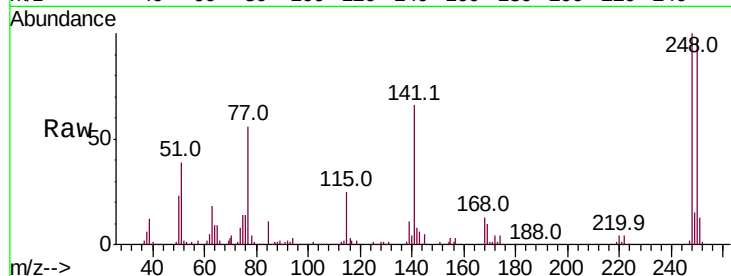




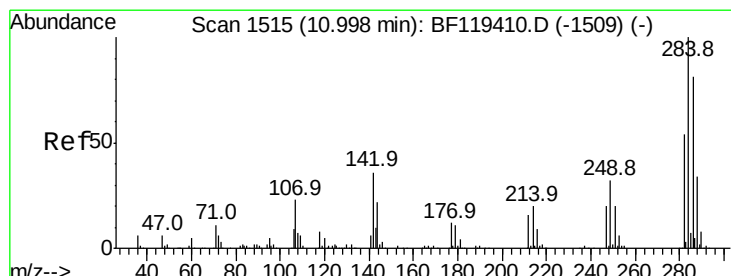
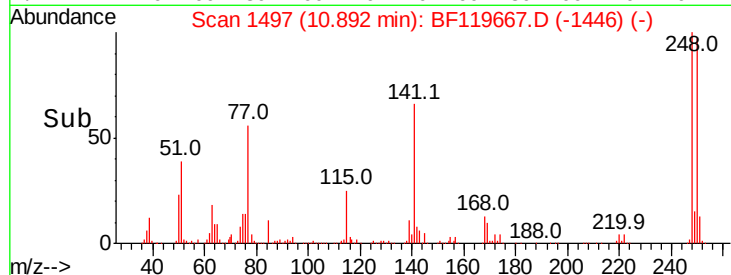
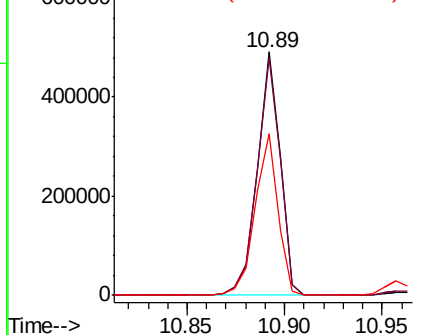
#67
 4-Bromophenyl-phenylether
 Concen: 32.522 ng
 RT: 10.89 min Scan# 1497
 Delta R.T. -0.00 min
 Lab File: BF119667.D
 Acq: 1 Apr 2020 11:53

Instrument :
 BNA_F
 ClientSampleId :
 PB127920BS

Tot Ion:248 Resp: 398929
 Ion Ratio Lower Upper
 248 100
 250 97.4 77.3 115.9
 141 66.3 58.6 87.8

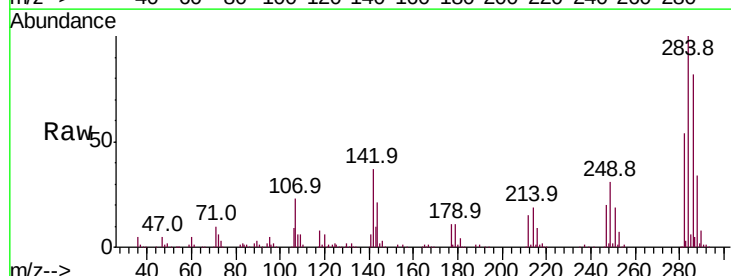


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

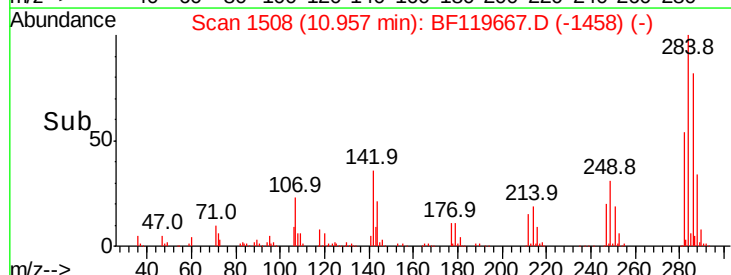
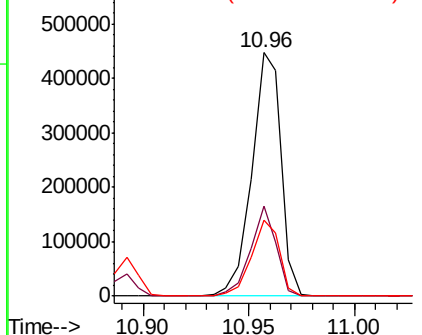


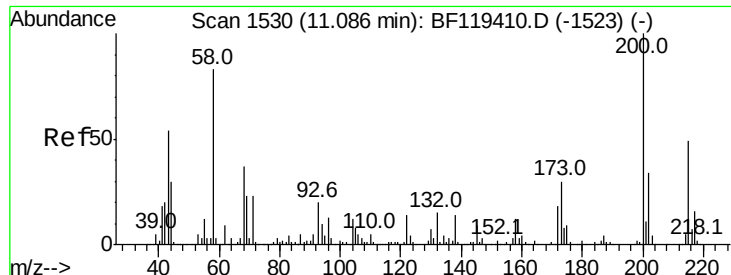
#68
 Hexachlorobenzene
 Concen: 34.289 ng
 RT: 10.96 min Scan# 1508
 Delta R.T. -0.01 min
 Lab File: BF119667.D
 Acq: 1 Apr 2020 11:53

Tgt Ion:284 Resp: 430478
 Ion Ratio Lower Upper
 284 100
 142 36.7 29.2 43.8
 249 31.1 25.1 37.7



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

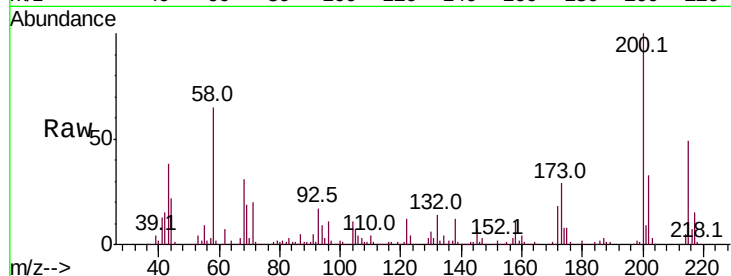




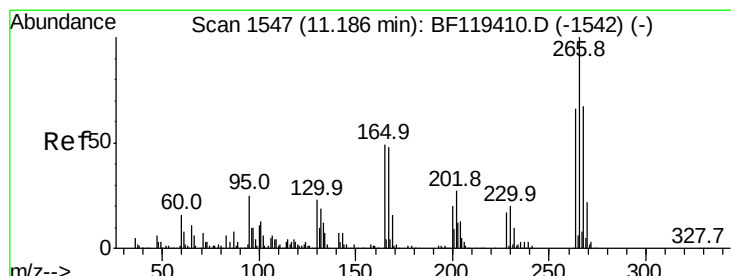
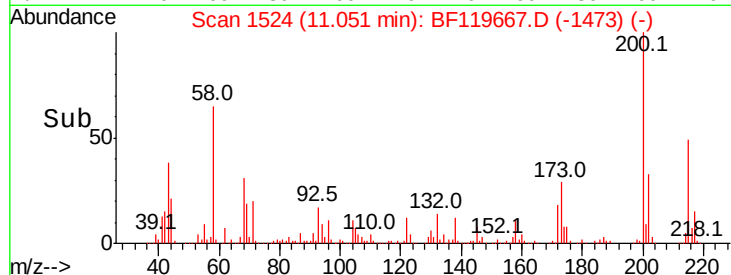
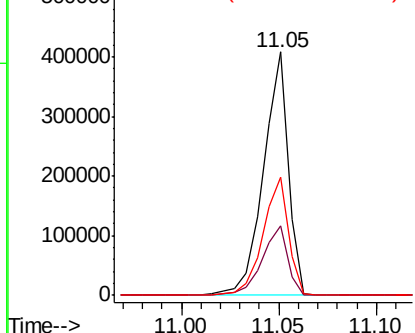
#69
Atrazine
Concen: 37.158 ng
RT: 11.05 min Scan# 1524
Delta R.T. -0.00 min
Lab File: BF119667.D
Acq: 1 Apr 2020 11:53

Instrument :
BNA_F
ClientSampleId :
PB127920BS

Tot Ion:200 Resp: 360189
Ion Ratio Lower Upper
200 100
173 28.6 9.3 49.3
215 48.7 29.5 69.5

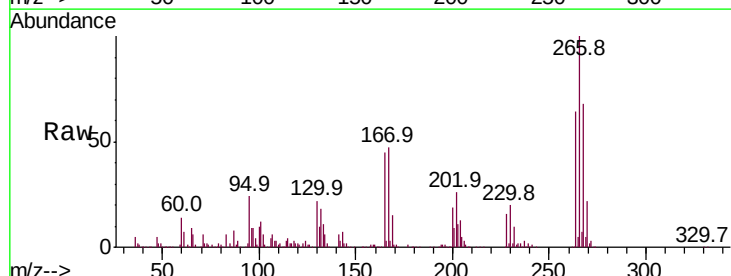


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

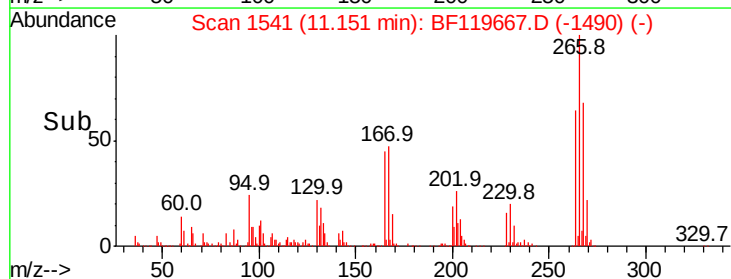
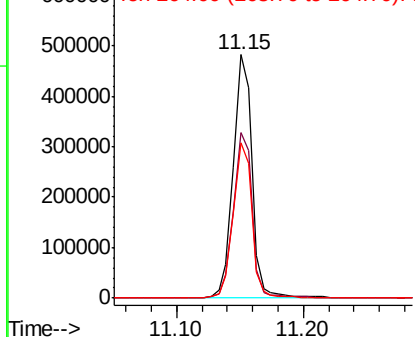


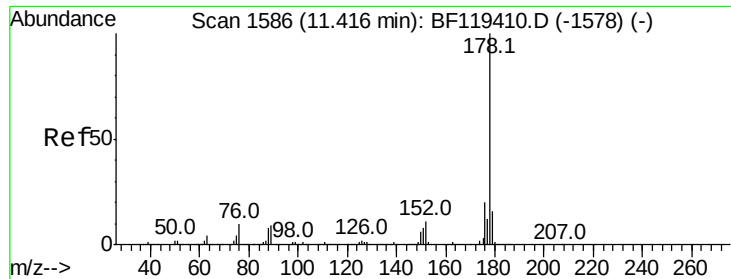
#70
Pentachlorophenol
Concen: 66.742 ng
RT: 11.15 min Scan# 1541
Delta R.T. -0.00 min
Lab File: BF119667.D
Acq: 1 Apr 2020 11:53

Tgt Ion:266 Resp: 491307
Ion Ratio Lower Upper
266 100
268 68.0 53.3 79.9
264 63.9 49.0 73.4



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

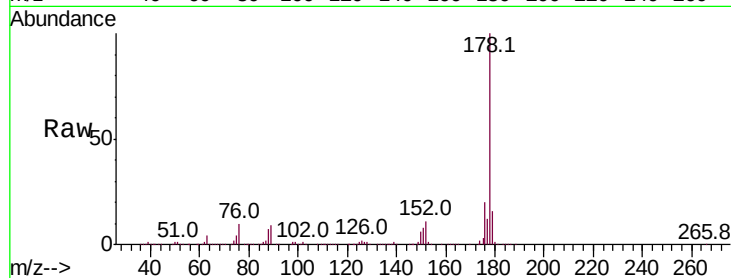




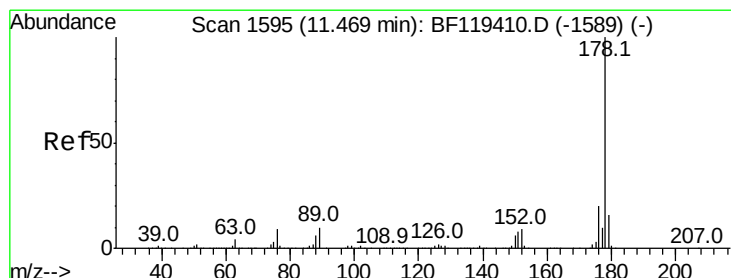
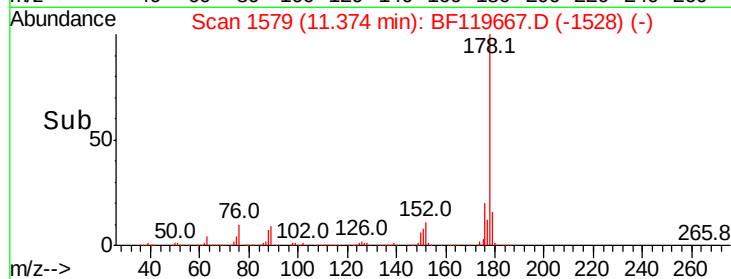
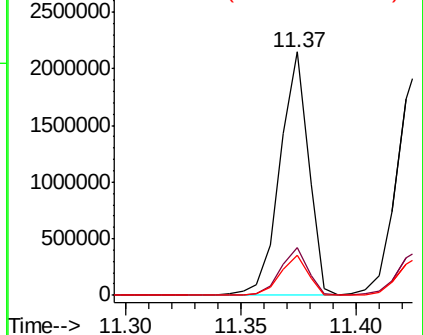
#71
Phenanthrene
Concen: 32.872 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.00 min
Lab File: BF119667.D
Acq: 1 Apr 2020 11:53

Instrument :
BNA_F
ClientSampleId :
PB127920BS

Tot Ion:178 Resp: 1835868
Ion Ratio Lower Upper
178 100
176 19.6 16.2 24.4
179 16.4 13.2 19.8

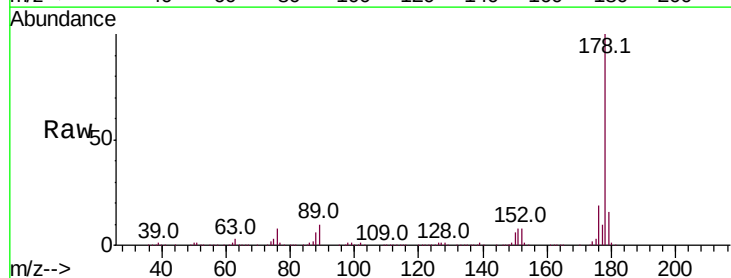


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

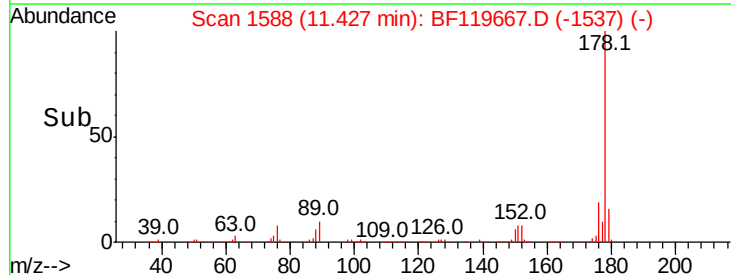
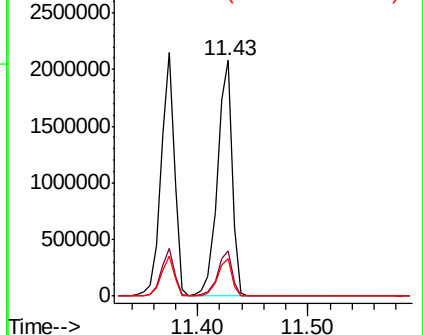


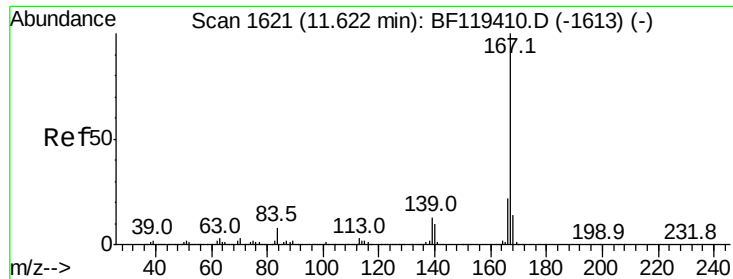
#72
Anthracene
Concen: 33.769 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.00 min
Lab File: BF119667.D
Acq: 1 Apr 2020 11:53

Tgt Ion:178 Resp: 1916778
Ion Ratio Lower Upper
178 100
176 19.2 16.1 24.1
179 16.0 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



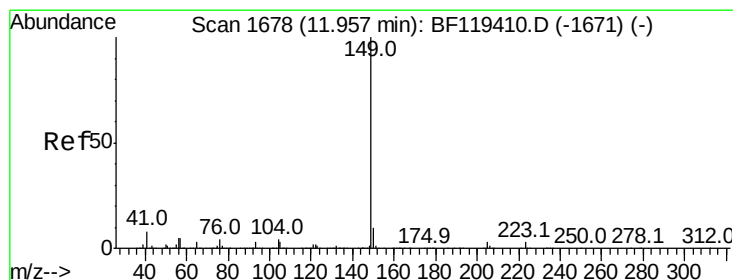
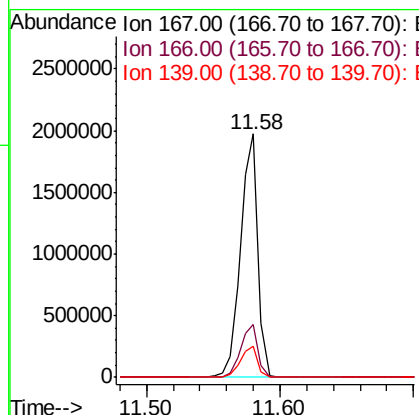
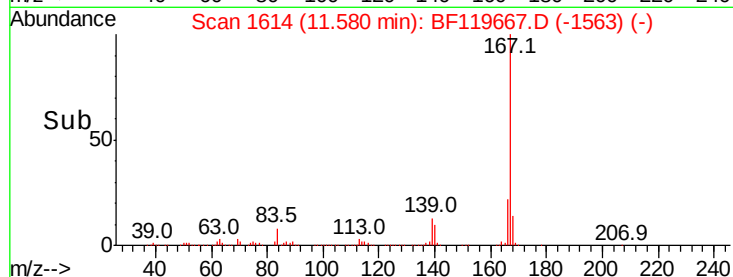
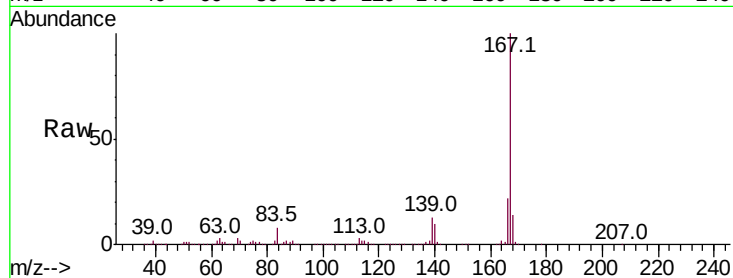


#73
 Carbazole
 Concen: 31.658 ng
 RT: 11.58 min Scan# 1614
 Delta R.T. -0.00 min
 Lab File: BF119667.D
 Acq: 1 Apr 2020 11:53

Instrument :
 BNA_F
 ClientSampleId :
 PB127920BS

Tot Ion:167 Resp: 1778636

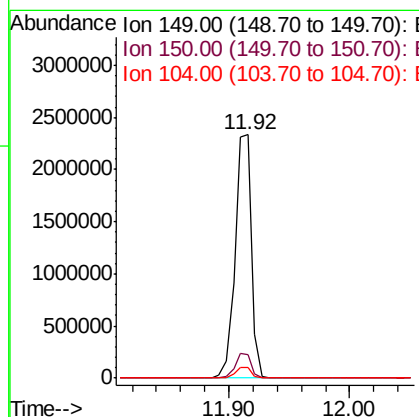
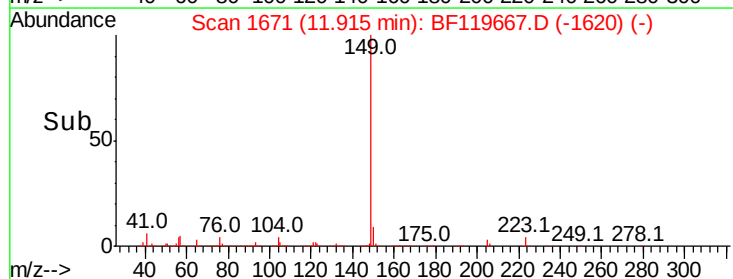
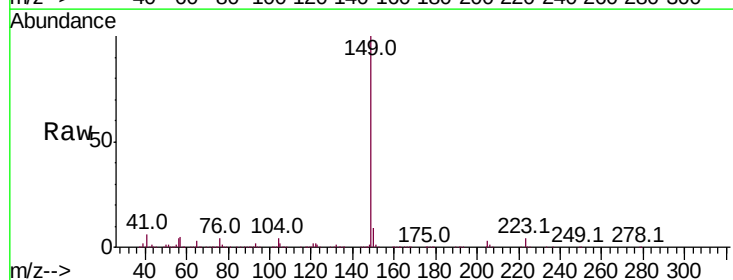
Ion	Ratio	Lower	Upper
167	100		
166	21.8	18.2	27.4
139	12.7	10.7	16.1

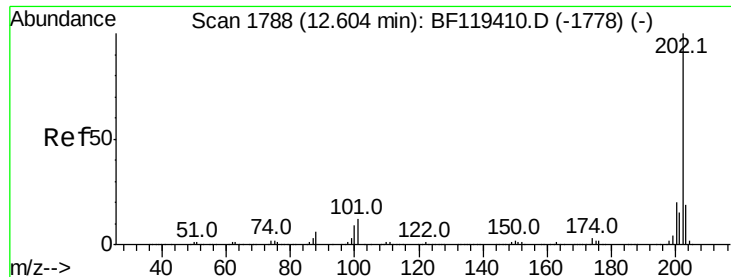


#74
 Di-n-butylphthalate
 Concen: 36.364 ng
 RT: 11.92 min Scan# 1671
 Delta R.T. -0.00 min
 Lab File: BF119667.D
 Acq: 1 Apr 2020 11:53

Tgt Ion:149 Resp: 2185452

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.8	11.8
104	4.2	3.6	5.4

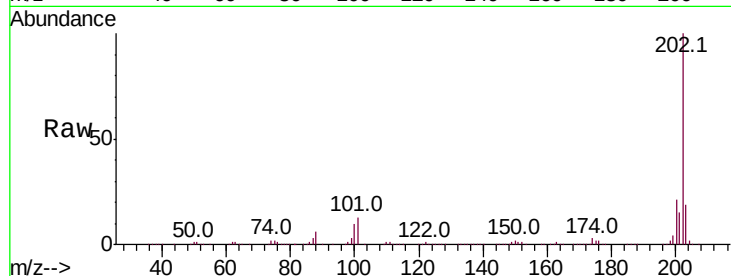




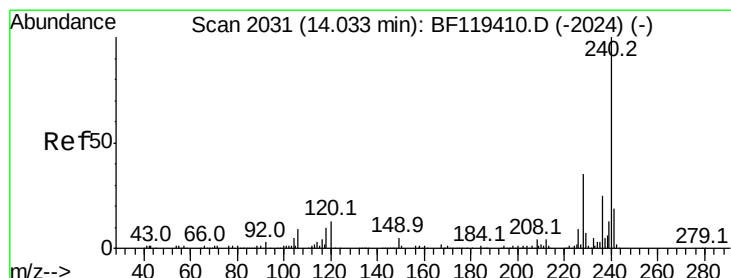
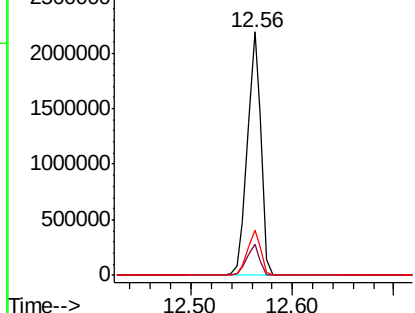
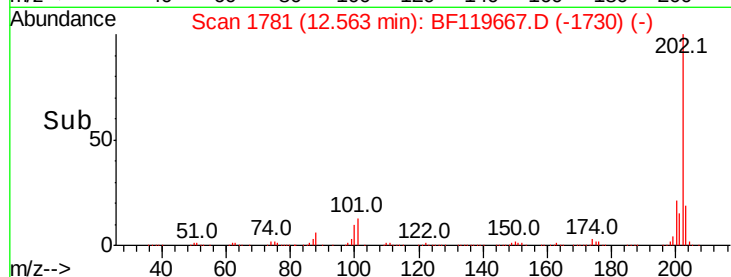
#75
 Fluoranthene
 Concen: 33.647 ng
 RT: 12.56 min Scan# 1781
 Delta R.T. -0.00 min
 Lab File: BF119667.D
 Acq: 1 Apr 2020 11:53

Instrument :
 BNA_F
 ClientSampleId :
 PB127920BS

Tot Ion:202 Resp: 2033643
 Ion Ratio Lower Upper
 202 100
 101 12.7 0.0 32.2
 203 18.5 0.0 38.8

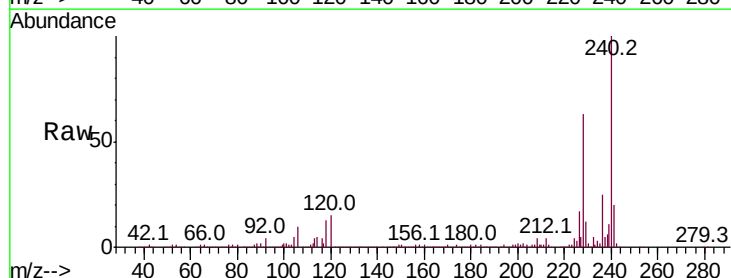


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

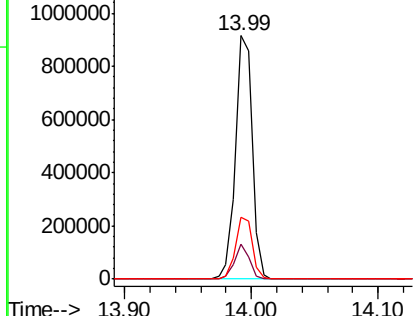
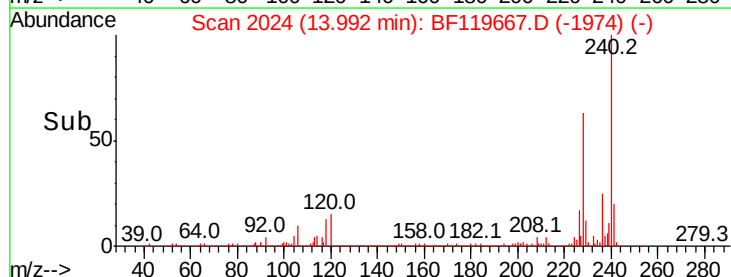


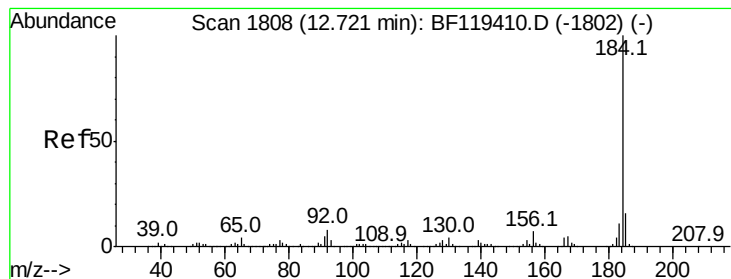
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BF119667.D
 Acq: 1 Apr 2020 11:53

Tgt Ion:240 Resp: 825950
 Ion Ratio Lower Upper
 240 100
 120 14.5 10.6 15.8
 236 25.4 20.2 30.2



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: 35.983 ng

RT: 12.69 min Scan# 1802

Delta R.T. -0.00 min

Lab File: BF119667.D

Acq: 1 Apr 2020 11:53

Instrument :

BNA_F

ClientSampleId :

PB127920BS

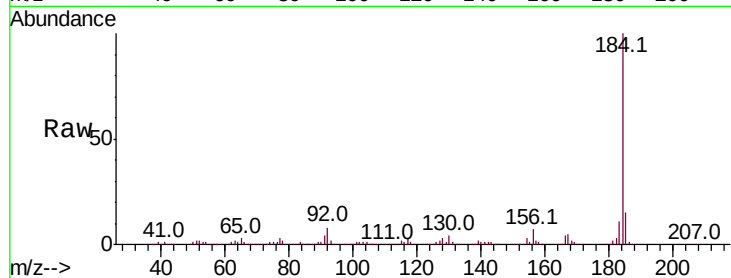
Tot Ion:184 Resp: 1257756

Ion Ratio Lower Upper

184 100

185 14.6 12.3 18.5

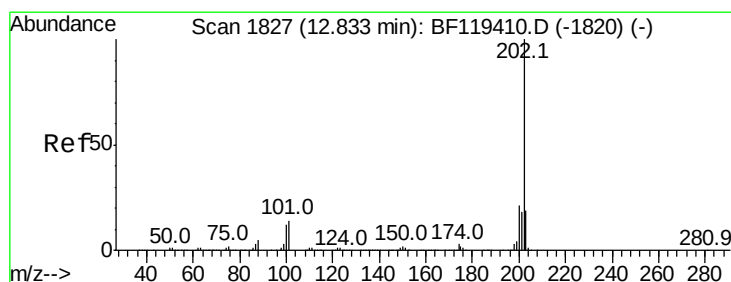
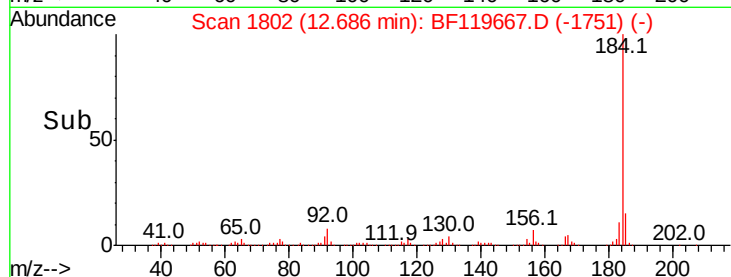
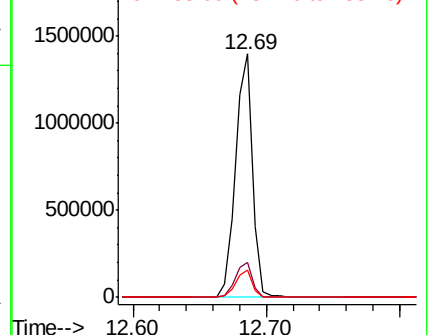
183 11.0 9.0 13.6



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: 30.694 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.00 min

Lab File: BF119667.D

Acq: 1 Apr 2020 11:53

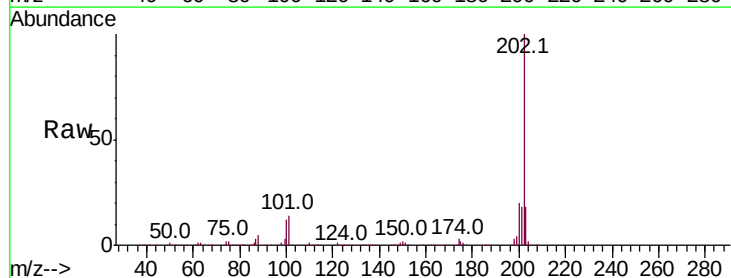
Tgt Ion:202 Resp: 2080587

Ion Ratio Lower Upper

202 100

200 20.4 16.8 25.2

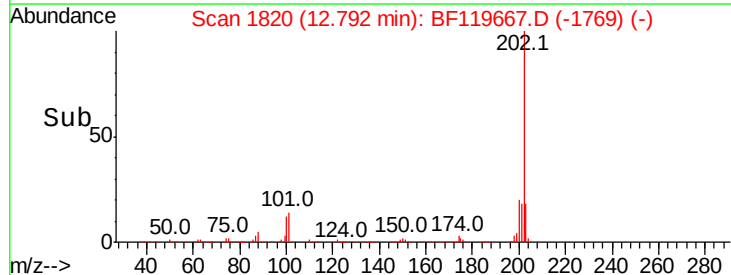
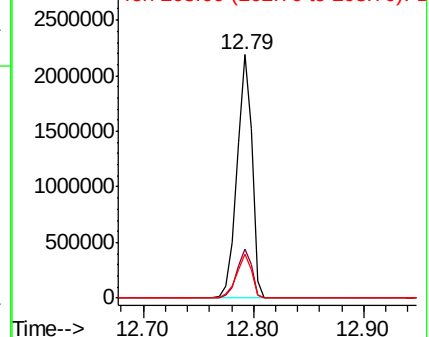
203 18.2 15.1 22.7

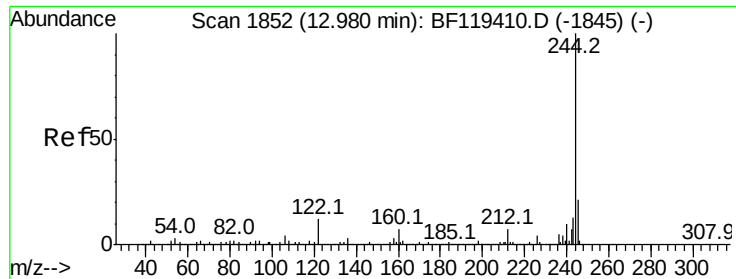


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 66.734 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.00 min

Lab File: BF119667.D

Acq: 1 Apr 2020 11:53

Instrument :

BNA_F

ClientSampleId :

PB127920BS

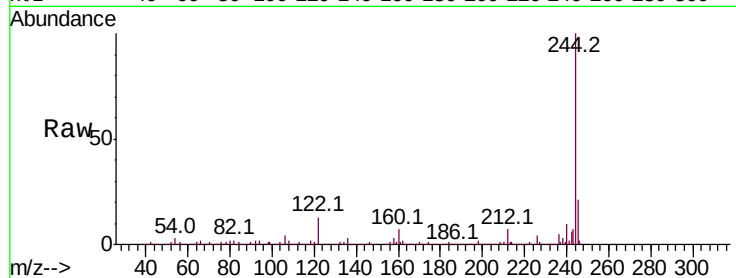
Tot Ion:244 Resp: 2813313

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

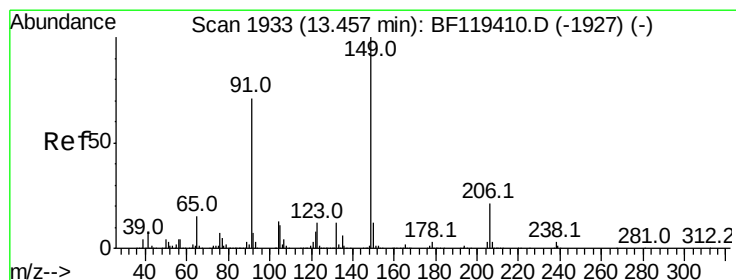
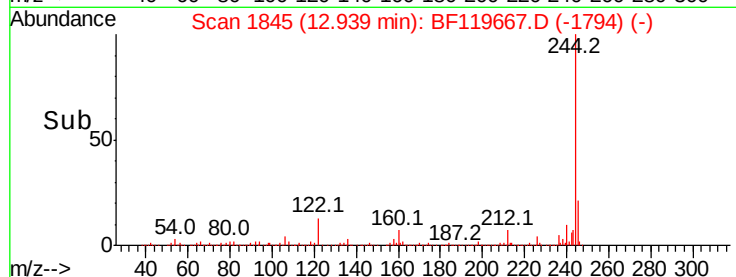
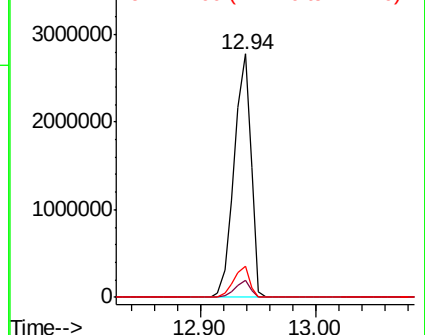
122 12.6 10.3 15.5



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: 34.762 ng

RT: 13.42 min Scan# 1926

Delta R.T. -0.00 min

Lab File: BF119667.D

Acq: 1 Apr 2020 11:53

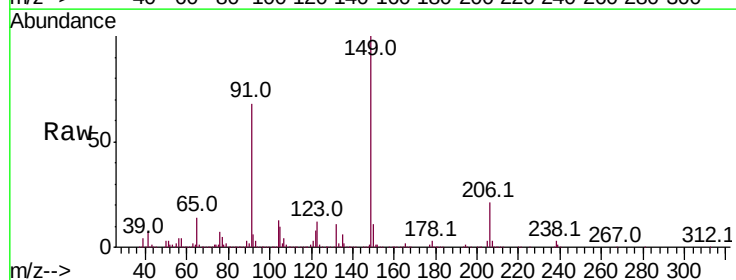
Tgt Ion:149 Resp: 953021

Ion Ratio Lower Upper

149 100

91 68.4 54.7 82.1

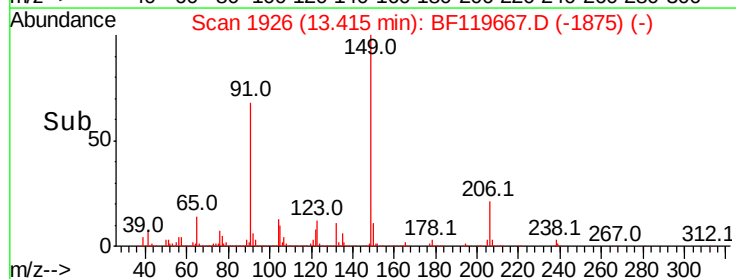
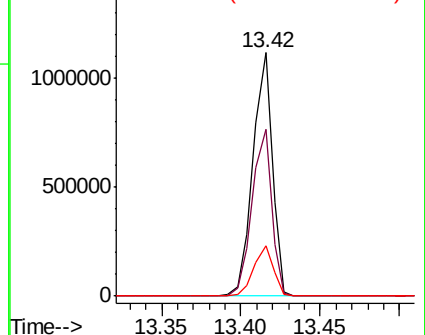
206 20.8 16.2 24.2

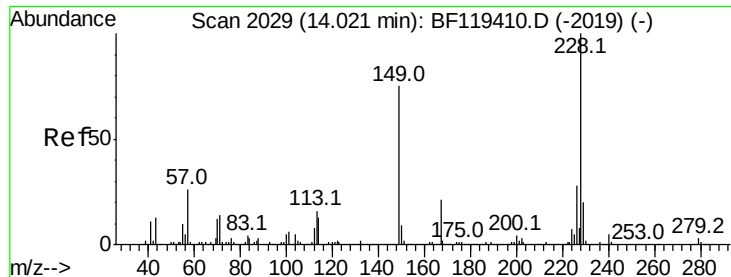


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

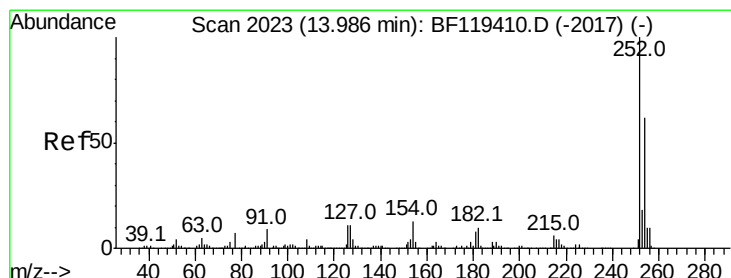
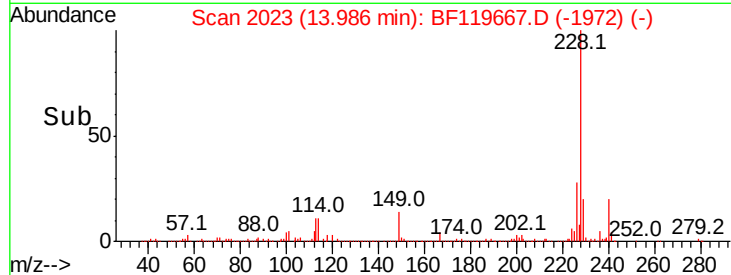
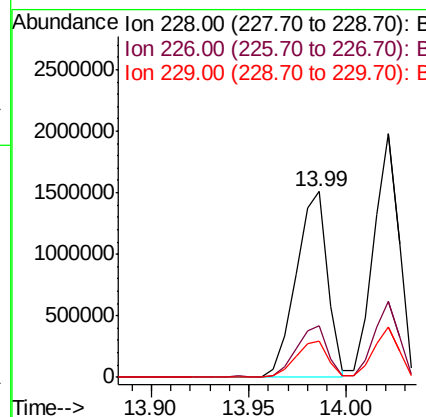
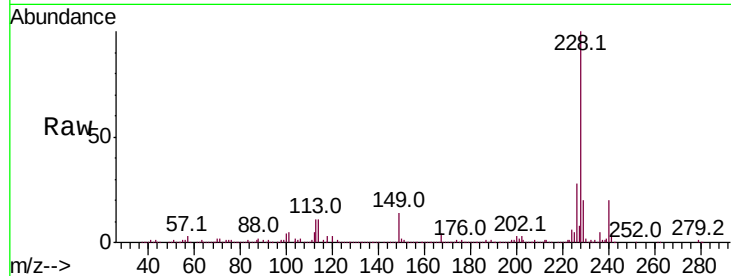




#81
Benzo(a)anthracene
Concen: 31.367 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.00 min
Lab File: BF119667.D
Acq: 1 Apr 2020 11:53

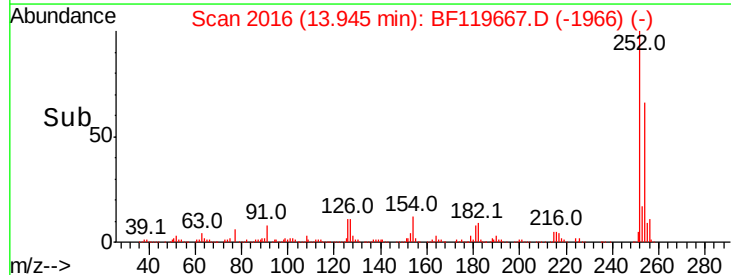
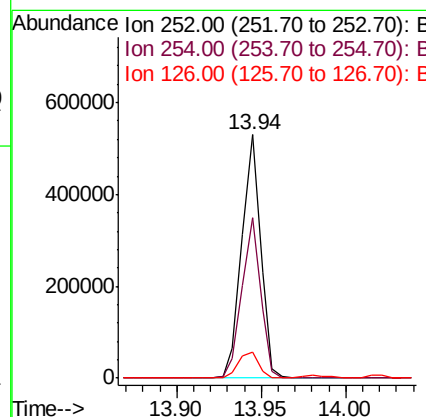
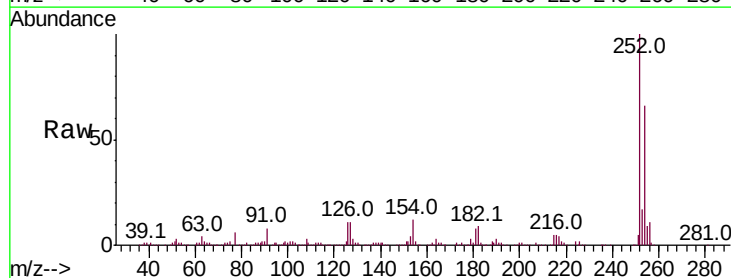
Instrument :
BNA_F
ClientSampleId :
PB127920BS

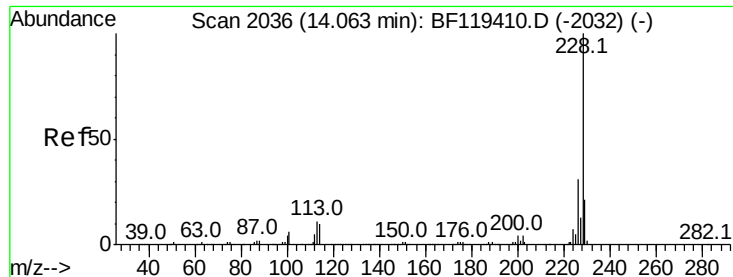
Tot Ion:228 Resp: 1684740
Ion Ratio Lower Upper
228 100
226 27.6 21.8 32.8
229 19.9 16.2 24.4



#82
3,3'-Dichlorobenzidine
Concen: 19.561 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF119667.D
Acq: 1 Apr 2020 11:53

Tgt Ion:252 Resp: 414253
Ion Ratio Lower Upper
252 100
254 65.7 51.2 76.8
126 10.8 9.6 14.4

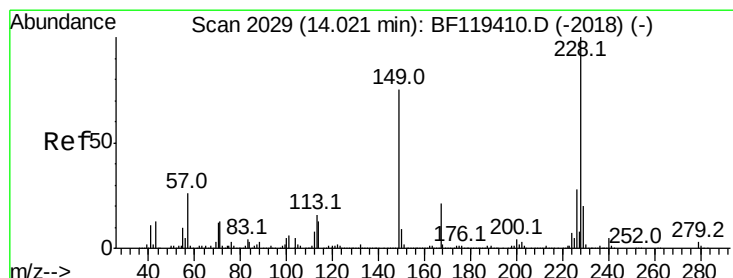
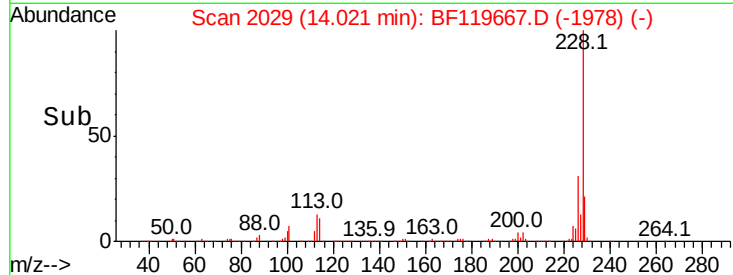
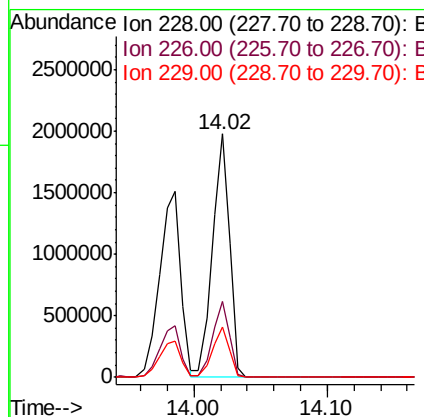
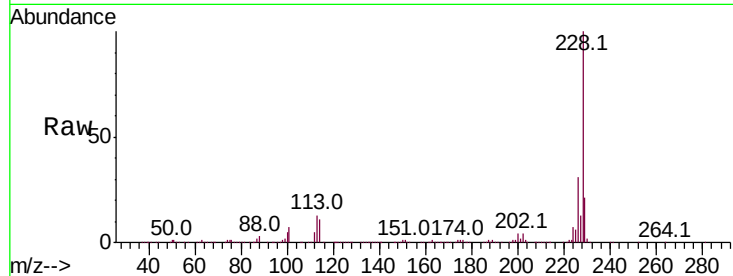




#83
 Chrysene
 Concen: 32.048 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.00 min
 Lab File: BF119667.D
 Acq: 1 Apr 2020 11:53

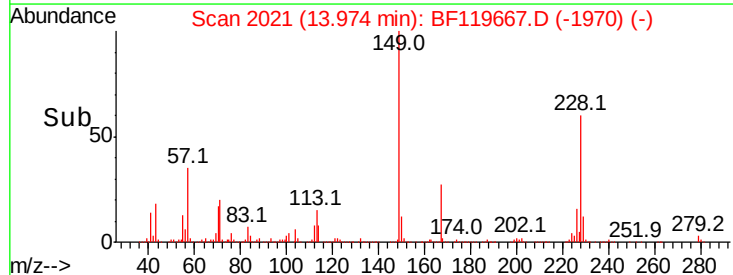
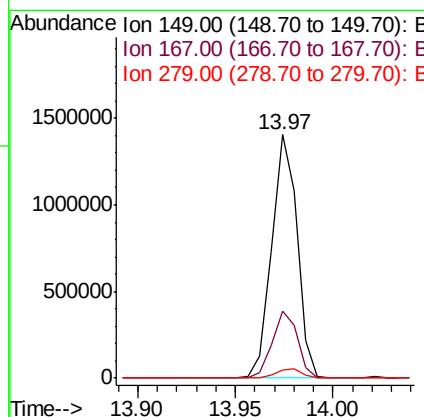
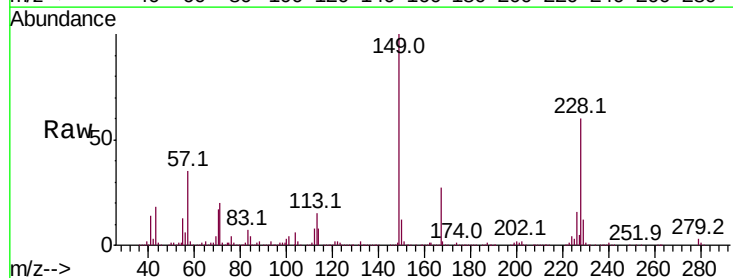
Instrument :
 BNA_F
 ClientSampleId :
 PB127920BS

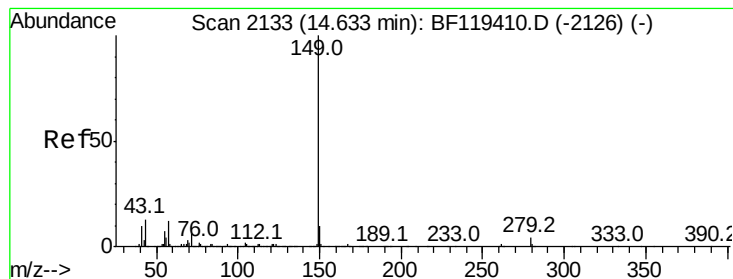
Tot Ion:	228	Resp:	1776443
Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.4	38.0
229	20.6	16.6	24.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 38.782 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.00 min
 Lab File: BF119667.D
 Acq: 1 Apr 2020 11:53

Tgt Ion:	149	Resp:	1267479
Ion	Ratio	Lower	Upper
149	100		
167	27.4	21.3	31.9
279	3.5	2.7	4.1





#85

Di-n-octyl phthalate

Concen: 40.542 ng

RT: 14.59 min Scan# 2126

Delta R.T. -0.00 min

Lab File: BF119667.D

Acq: 1 Apr 2020 11:53

Instrument :

BNA_F

ClientSampleId :

PB127920BS

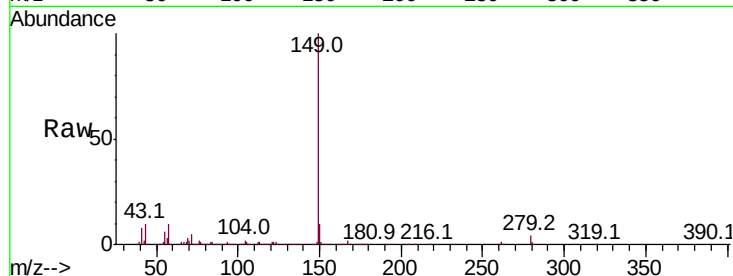
Tot Ion:149 Resp: 2330267

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

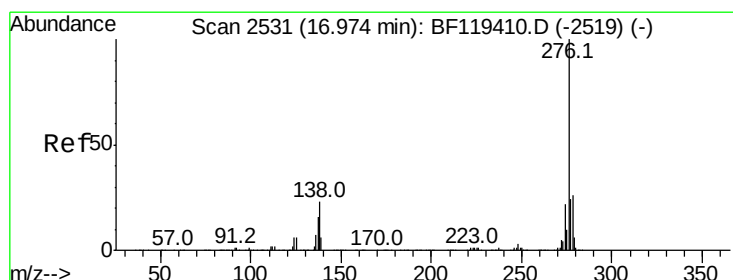
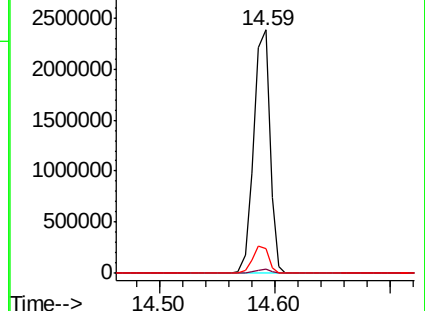
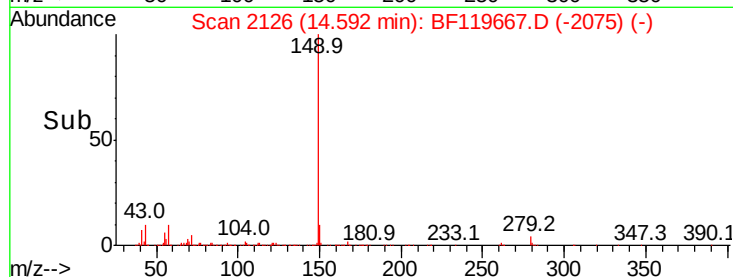
43 10.9 9.3 13.9



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: 38.056 ng

RT: 16.91 min Scan# 2520

Delta R.T. -0.01 min

Lab File: BF119667.D

Acq: 1 Apr 2020 11:53

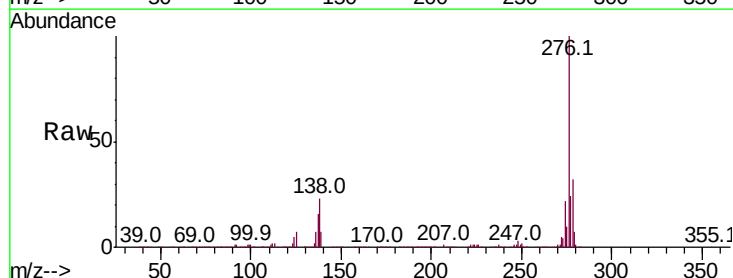
Tgt Ion:276 Resp: 1986727

Ion Ratio Lower Upper

276 100

138 25.8 19.6 29.4

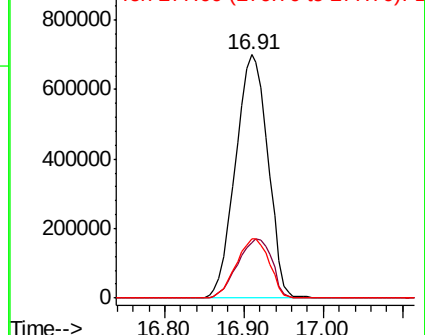
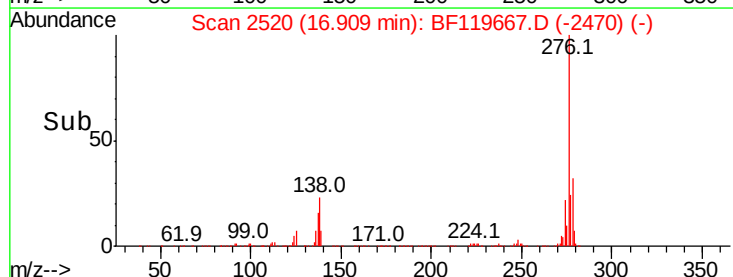
277 25.0 20.0 30.0

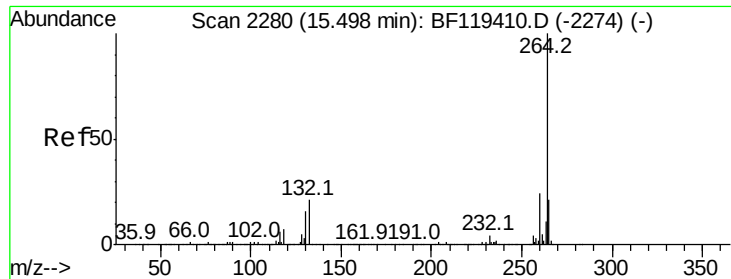


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.45 min Scan# 2272

Delta R.T. -0.00 min

Lab File: BF119667.D

Acq: 1 Apr 2020 11:53

Instrument :

BNA_F

ClientSampleId :

PB127920BS

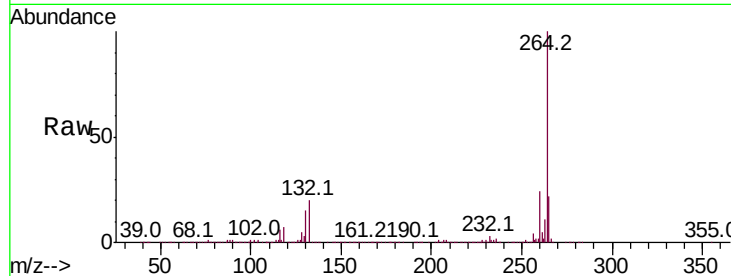
Tot Ion:264 Resp: 886242

Ion Ratio Lower Upper

264 100

260 23.7 18.7 28.1

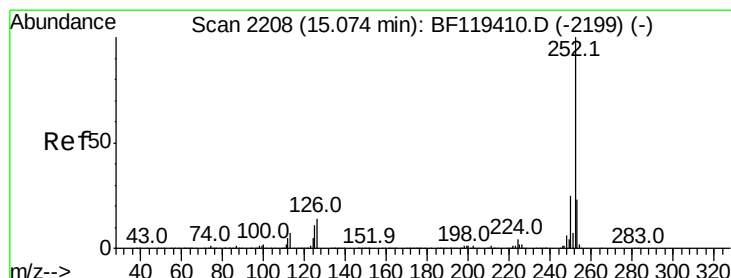
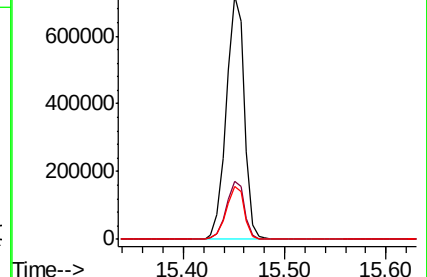
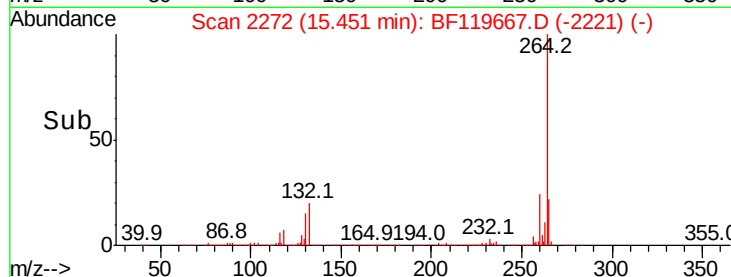
265 21.8 17.7 26.5



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: 33.729 ng

RT: 15.03 min Scan# 2200

Delta R.T. -0.00 min

Lab File: BF119667.D

Acq: 1 Apr 2020 11:53

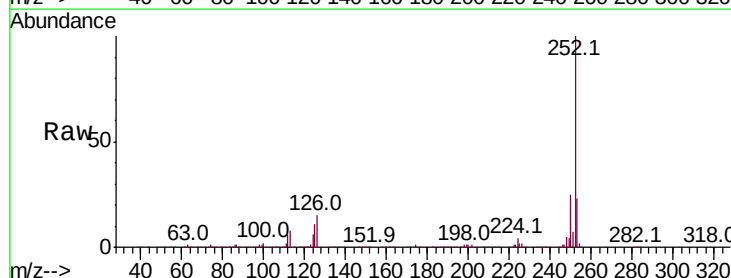
Tgt Ion:252 Resp: 1996770

Ion Ratio Lower Upper

252 100

253 23.1 17.4 26.0

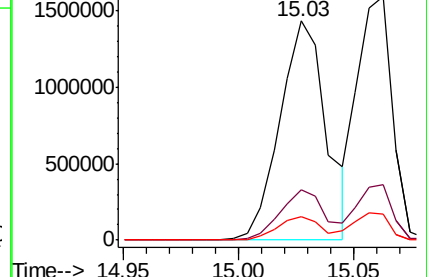
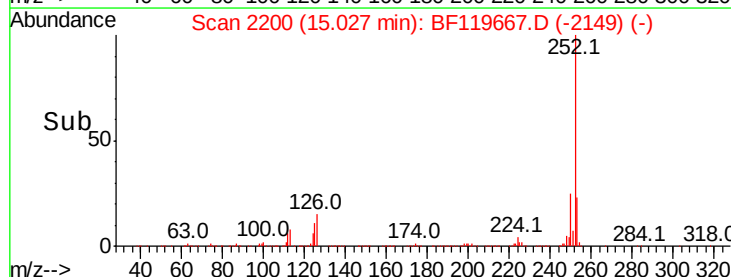
125 11.0 7.9 11.9

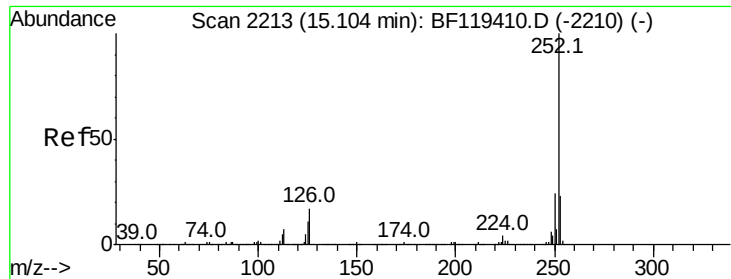


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

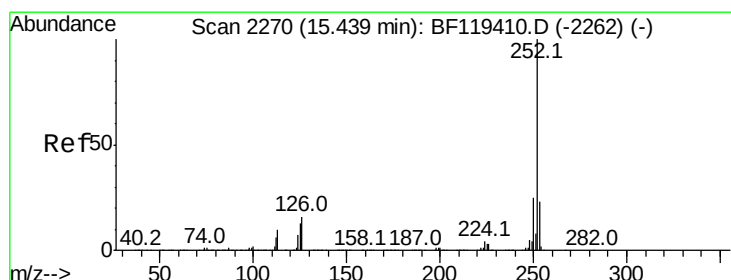
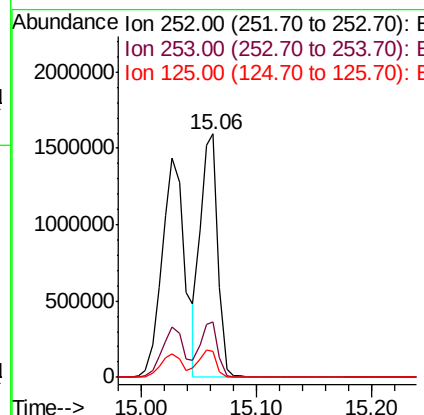
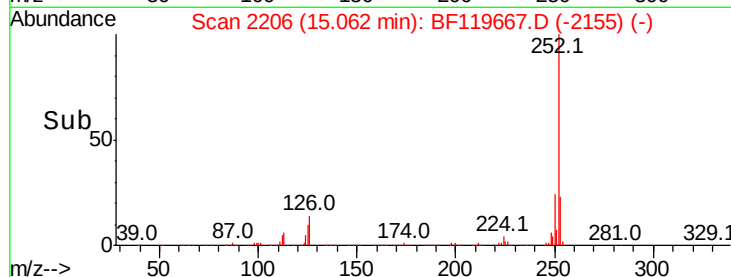
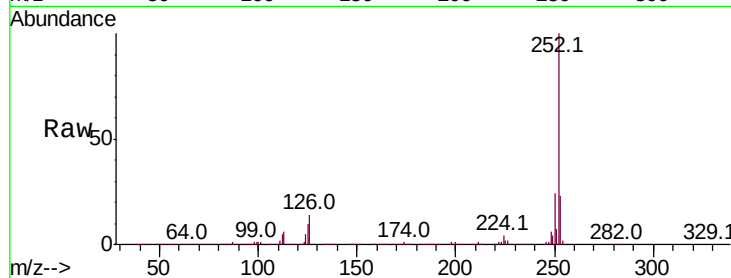




#89
Benzo(k)fluoranthene
Concen: 29.873 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.00 min
Lab File: BF119667.D
Acq: 1 Apr 2020 11:53

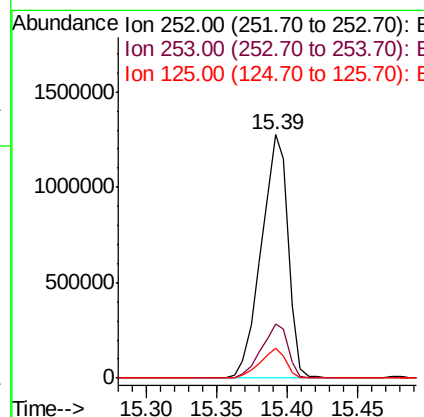
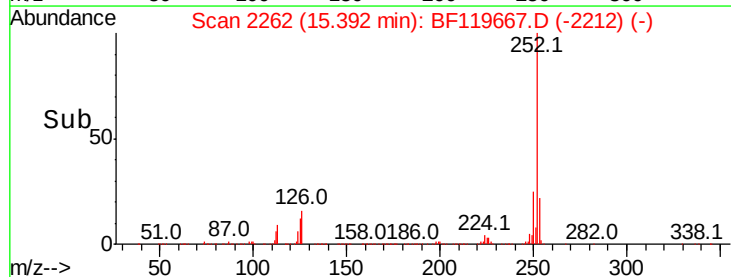
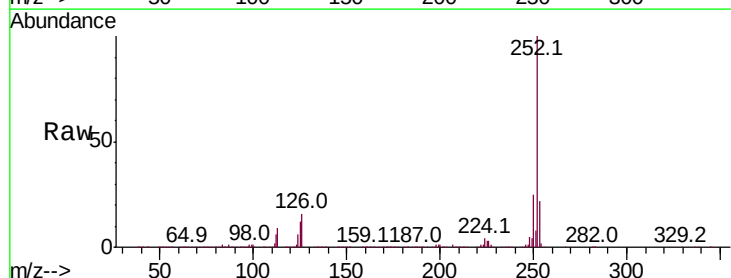
Instrument :
BNA_F
ClientSampleId :
PB127920BS

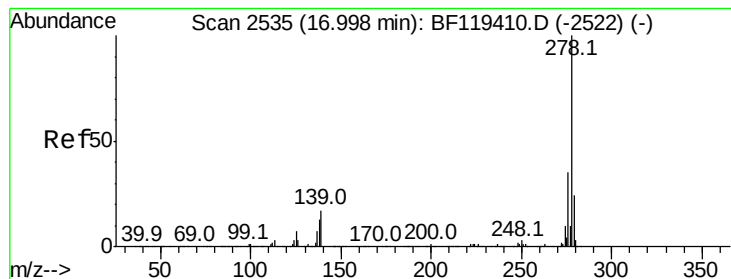
Tot Ion:252 Resp: 1683958
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.6
125 10.4 8.4 12.6



#90
Benzo(a)pyrene
Concen: 31.809 ng
RT: 15.39 min Scan# 2262
Delta R.T. -0.01 min
Lab File: BF119667.D
Acq: 1 Apr 2020 11:53

Tgt Ion:252 Resp: 1711356
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.2
125 12.3 9.4 14.2





#91

Dibenzo(a,h)anthracene

Concen: 34.607 ng

RT: 16.93 min Scan# 2524

Delta R.T. -0.00 min

Lab File: BF119667.D

Acq: 1 Apr 2020 11:53

Instrument :

BNA_F

ClientSampleId :

PB127920BS

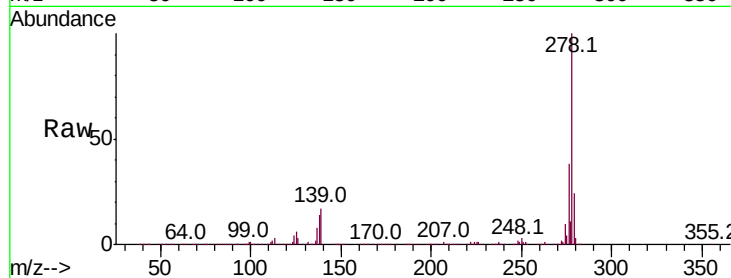
Tot Ion:278 Resp: 1628541

Ion	Ratio	Lower	Upper
278	100		
139	16.9	12.6	19.0
279	24.3	19.0	28.6

278 100

139 16.9 12.6 19.0

279 24.3 19.0 28.6

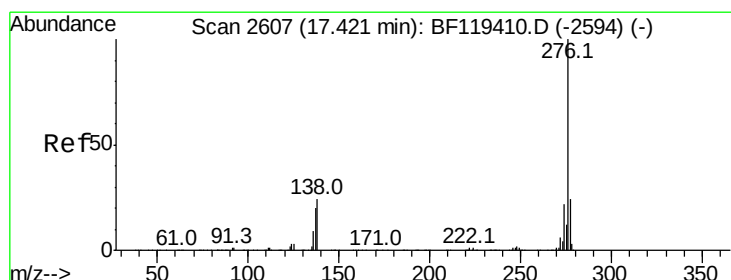
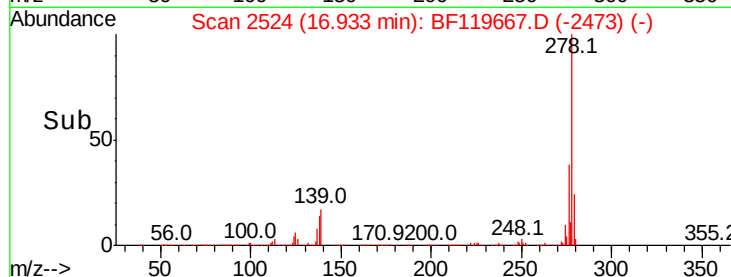
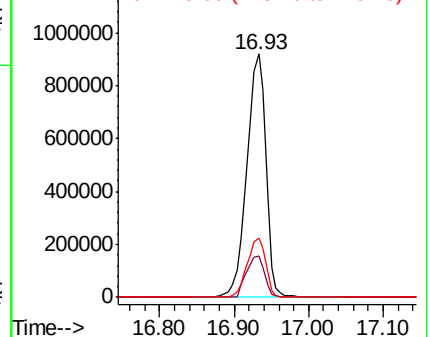


Abundance

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: 34.030 ng

RT: 17.36 min Scan# 2596

Delta R.T. -0.00 min

Lab File: BF119667.D

Acq: 1 Apr 2020 11:53

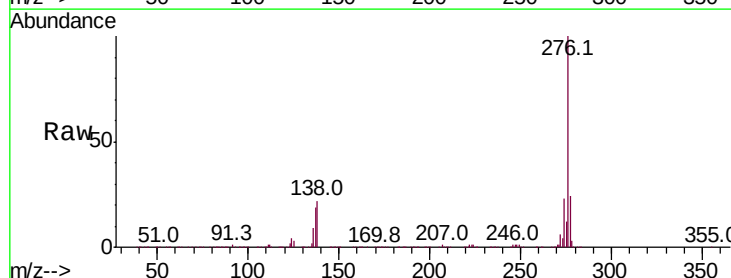
Tgt Ion:276 Resp: 1608782

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.4	27.6
138	22.1	15.4	23.0

276 100

277 23.8 18.4 27.6

138 22.1 15.4 23.0



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

