

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF033120\
 Data File : BF119652.D
 Acq On : 31 Mar 2020 15:27
 Operator : MA/SJ
 Sample : L2055-04MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-6-(10-12)MSD

Quant Time: Mar 31 16:36:43 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 31 14:11:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	334255	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1312067	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	695445	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	1348667	20.00	ng	0.00
76) Chrysene-d12	14.02	240	943599	20.00	ng	0.00
87) Perylene-d12	15.48	264	933466	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	2137134	101.78	ng	0.02
7) Phenol-d6	6.46	99	2826176	105.37	ng	0.00
23) Nitrobenzene-d5	7.40	82	1766592	73.18	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	831529	115.90	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	3280625	69.89	ng	0.00
79) Terphenyl-d14	12.96	244	3650622	75.80	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.66	88	418739	40.379	ng	96
3) Pyridine	3.39	79	1129711	39.542	ng	93
4) n-Nitrosodimethylamine	3.35	42	565224	40.569	ng	90
6) Aniline	6.49	93	843885	22.796	ng	95
8) 2-Chlorophenol	6.62	128	1154727	52.362	ng	97
9) Benzaldehyde	6.37	77	643225	37.803	ng	99
10) Phenol	6.47	94	1413212	49.378	ng	96
11) bis(2-Chloroethyl)ether	6.56	93	1106520	48.341	ng	100
12) 1,3-Dichlorobenzene	6.77	146	1128665	47.288	ng	97
13) 1,4-Dichlorobenzene	6.85	146	1138464	47.686	ng	99
14) 1,2-Dichlorobenzene	7.00	146	1052294	47.156	ng	98
15) Benzyl Alcohol	6.97	79	933589	46.271	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.10	45	1981293	42.912	ng	98
17) 2-Methylphenol	7.09	107	911285	45.101	ng	99
18) Hexachloroethane	7.35	117	438244	50.090	ng	97
19) n-Nitroso-di-n-propylamine	7.25	70	768130	47.512	ng	95
20) 3+4-Methylphenols	7.24	107	1072029	43.292	ng	# 82
22) Acetophenone	7.24	105	1422101	45.360	ng	# 86
24) Nitrobenzene	7.42	77	1186306	45.980	ng	97
25) Isophorone	7.66	82	2232126	45.579	ng	99
26) 2-Nitrophenol	7.73	139	620200	61.052	ng	# 85
27) 2,4-Dimethylphenol	7.77	122	985954	46.938	ng	99
28) bis(2-Chloroethoxy)methane	7.87	93	1431378	49.427	ng	99
29) 2,4-Dichlorophenol	7.97	162	942654	48.841	ng	98
30) 1,2,4-Trichlorobenzene	8.06	180	999905	46.846	ng	99
31) Naphthalene	8.14	128	3109817	46.057	ng	99
32) Benzoic acid	7.91	122	844436	62.496	ng	94
33) 4-Chloroaniline	8.18	127	212350	6.863	ng	98
34) Hexachlorobutadiene	8.26	225	568683	47.619	ng	98
35) Caprolactam	8.63	113	89874	14.228	ng	92
36) 4-Chloro-3-methylphenol	8.67	107	1019468	48.328	ng	99
37) 2-Methylnaphthalene	8.83	142	2169396	48.956	ng	99
38) 1-Methylnaphthalene	8.93	142	2046171	48.784	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	906166	44.455	ng	98

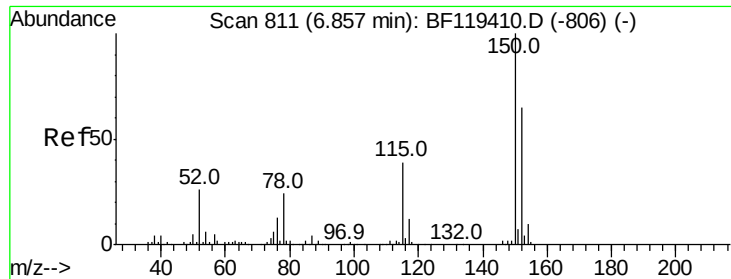
Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF033120\
 Data File : BF119652.D
 Acq On : 31 Mar 2020 15:27
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	1109991	95.783	nq	99
43) 2,4,6-Trichlorophenol	9.11	196	712598	48.851	nq	99
44) 2,4,5-Trichlorophenol	9.16	196	742028	45.409	nq	93
46) 1,1'-Biphenyl	9.30	154	2558221	45.166	nq	99
47) 2-Chloronaphthalene	9.33	162	2012915	45.370	nq	98
48) 2-Nitroaniline	9.42	65	725026	47.344	nq	96
49) Acenaphthylene	9.75	152	3105257	44.569	nq	100
50) Dimethylphthalate	9.61	163	2696521	54.588	nq	99
51) 2,6-Dinitrotoluene	9.67	165	549669	51.914	nq	97
52) Acenaphthene	9.92	154	1960446	45.135	nq	99
53) 3-Nitroaniline	9.83	138	328375	24.566	nq	93
54) 2,4-Dinitrophenol	9.95	184	647635	135.780	nq	98
55) Dibenzofuran	10.09	168	2760866	44.334	nq	99
56) 4-Nitrophenol	10.00	139	968890	91.881	nq	92
57) 2,4-Dinitrotoluene	10.07	165	723235	54.223	nq	91
58) Fluorene	10.43	166	2120708	46.051	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	624735	51.146	nq	98
60) Diethylphthalate	10.31	149	2445239	48.772	nq	98
61) 4-Chlorophenyl-phenylether	10.42	204	1036330	46.019	nq	99
62) 4-Nitroaniline	10.46	138	563615	43.969	nq	96
63) Azobenzene	10.59	77	2334302	46.235	nq	96
65) 4,6-Dinitro-2-methylphenol	10.48	198	421144	74.469	nq	88
66) n-Nitrosodiphenylamine	10.55	169	1999749	45.167	nq	98
67) 4-Bromophenyl-phenylether	10.92	248	709289	46.179	nq	96
68) Hexachlorobenzene	10.98	284	756064	48.095	nq	97
69) Atrazine	11.07	200	642371	52.923	nq	100
70) Pentachlorophenol	11.17	266	866264	93.979	nq	98
71) Phenanthrene	11.40	178	3033334	43.376	nq	99
72) Anthracene	11.45	178	3146704	44.273	nq	99
73) Carbazole	11.60	167	2947566	41.899	nq	100
74) Di-n-butylphthalate	11.94	149	3771365	50.114	nq	99
75) Fluoranthene	12.59	202	3366452	44.481	nq	98
77) Benzidine	12.71	184	1599246	40.048	nq	99
78) Pyrene	12.82	202	3347685	43.229	nq	99
80) Butylbenzylphthalate	13.44	149	1698647	54.233	nq	97
81) Benzo(a)anthracene	14.01	228	2607764	42.499	nq	98
82) 3,3'-Dichlorobenzidine	13.97	252	823527	34.039	nq	96
83) Chrysene	14.04	228	2750263	43.430	nq	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	2154502	57.704	nq	98
85) Di-n-octyl phthalate	14.62	149	3895143	59.318	nq	99
86) Indeno(1,2,3-cd)pyrene	16.95	276	2627664	44.058	nq	97
88) Benzo(b)fluoranthene	15.06	252	3069761	49.230	nq	97
89) Benzo(k)fluoranthene	15.09	252	2470810	41.614	nq	99
90) Benzo(a)pyrene	15.42	252	2487207	43.891	nq	99
91) Dibenzo(a,h)anthracene	16.97	278	2195764	44.300	nq	99
92) Benzo(g,h,i)perylene	17.40	276	2135631	42.889	nq	# 95

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

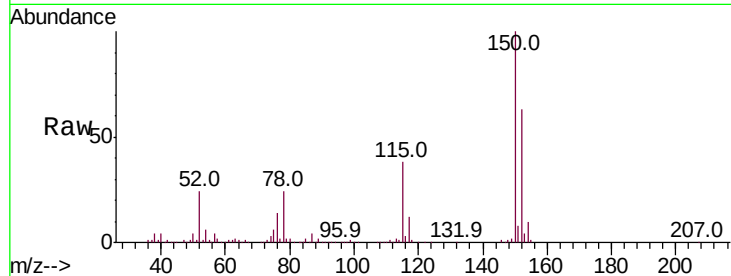


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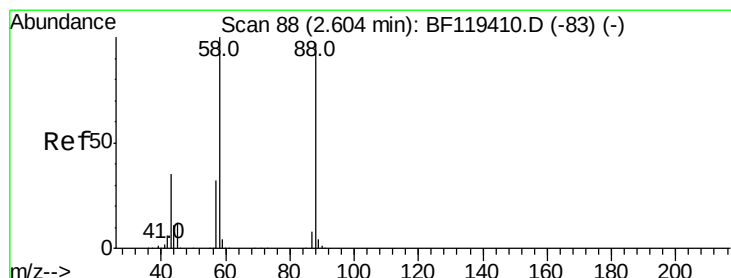
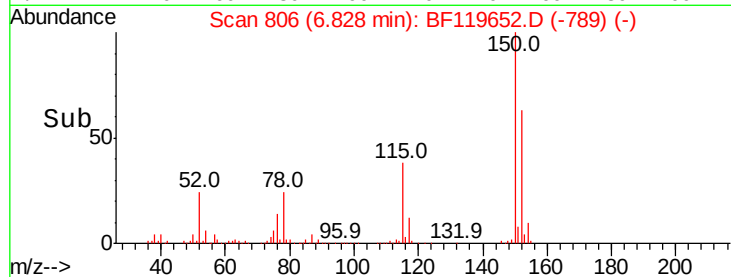
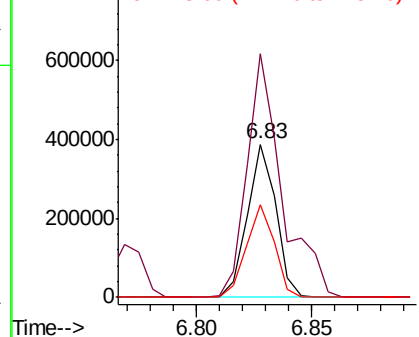
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.00 min
Lab File: BF119652.D
Acq: 31 Mar 2020 15:27

Instrument :
BNA_F
ClientSampleId :
SB-6-(10-12)MSD

Tot Ion:152 Resp: 334255
Ion Ratio Lower Upper
152 100
150 159.0 124.5 186.7
115 60.8 49.6 74.4



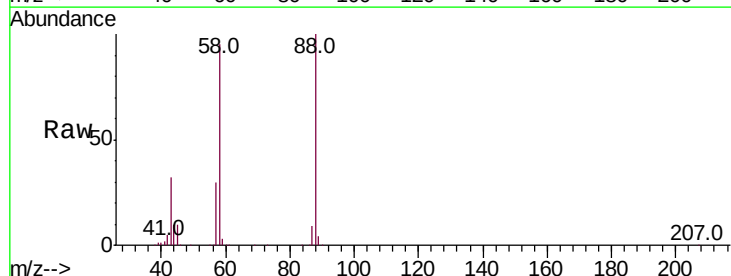
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



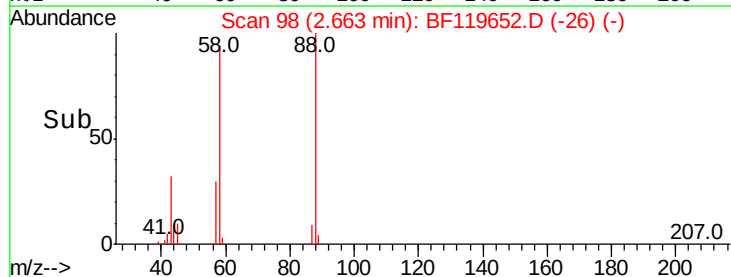
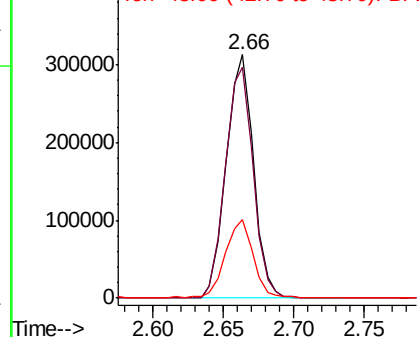
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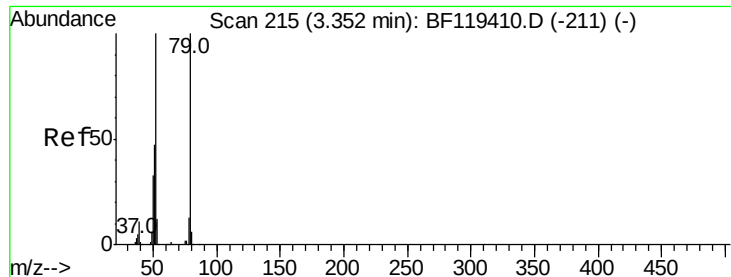
1,4-Dioxane
Concen: 40.379 ng
RT: 2.66 min Scan# 98
Delta R.T. 0.12 min
Lab File: BF119652.D
Acq: 31 Mar 2020 15:27

Tgt Ion: 88 Resp: 418739
Ion Ratio Lower Upper
88 100
58 96.9 80.6 121.0
43 32.5 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: 39.542 ng

RT: 3.39 min Scan# 221

Delta R.T. 0.11 min

Lab File: BF119652.D

Acq: 31 Mar 2020 15:27

Instrument :

BNA_F

ClientSampleId :

SB-6-(10-12)MSD

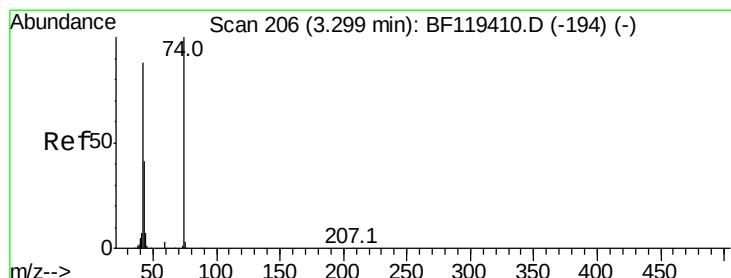
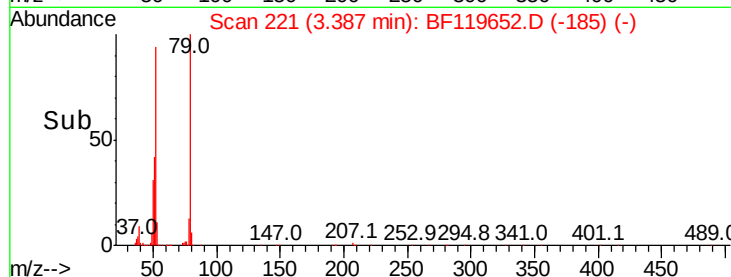
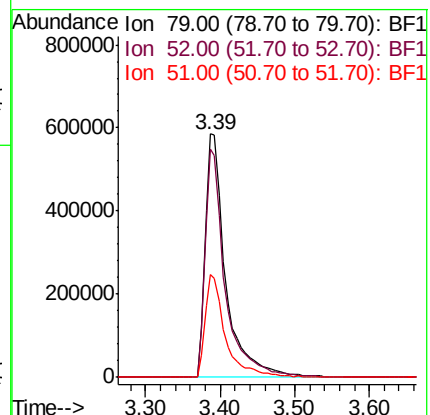
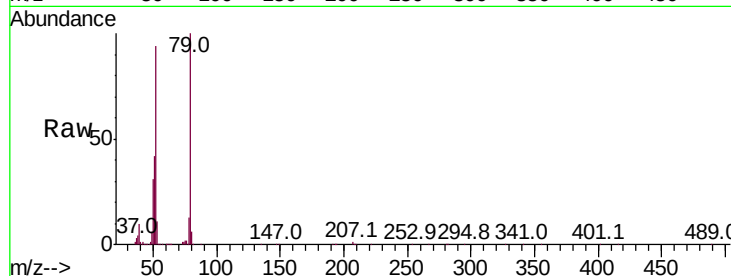
Tot Ion: 79 Resp: 1129711

Ion Ratio Lower Upper

79 100

52 93.9 80.2 120.2

51 42.1 37.7 56.5



#4

n-Nitrosodimethylamine

Concen: 40.569 ng

RT: 3.35 min Scan# 215

Delta R.T. 0.12 min

Lab File: BF119652.D

Acq: 31 Mar 2020 15:27

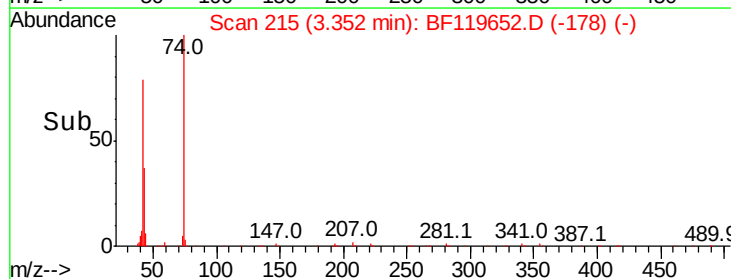
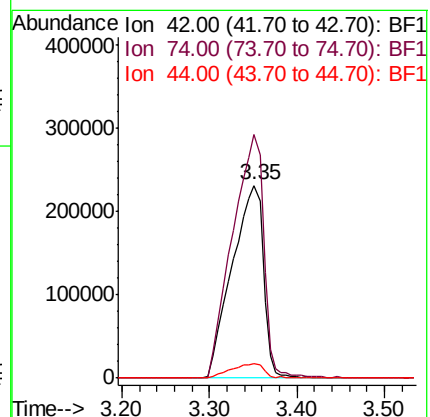
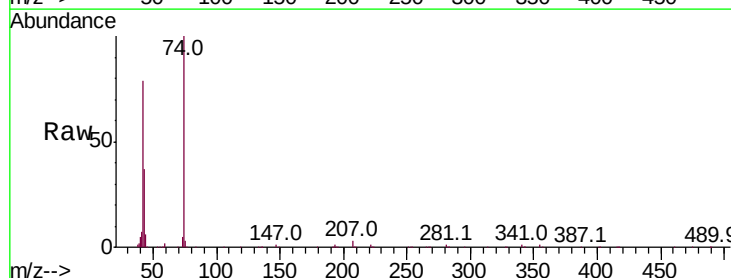
Tgt Ion: 42 Resp: 565224

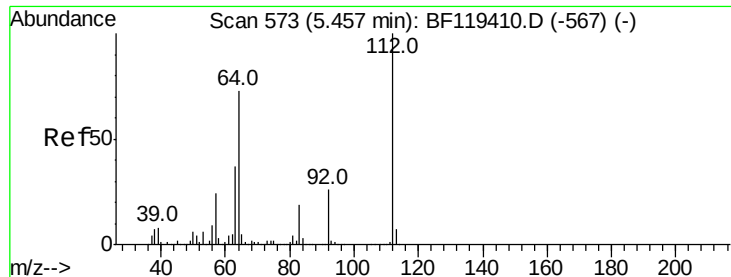
Ion Ratio Lower Upper

42 100

74 126.2 91.5 137.3

44 7.7 6.2 9.4





#5

2-Fluorophenol

Concen: 101.782 ng

RT: 5.45 min Scan# 572

Delta R.T. 0.02 min

Lab File: BF119652.D

Acq: 31 Mar 2020 15:27

Instrument :

BNA_F

ClientSampleId :

SB-6-(10-12)MSD

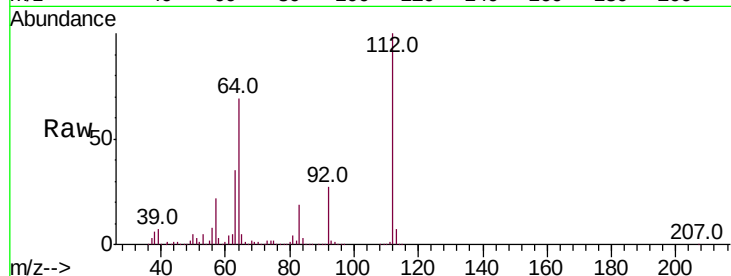
Tot Ion:112 Resp: 2137134

Ion Ratio Lower Upper

112 100

64 68.5 56.7 85.1

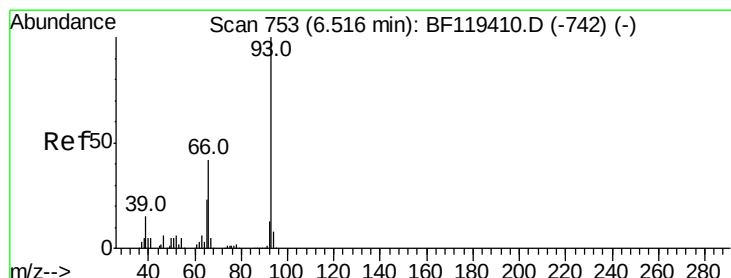
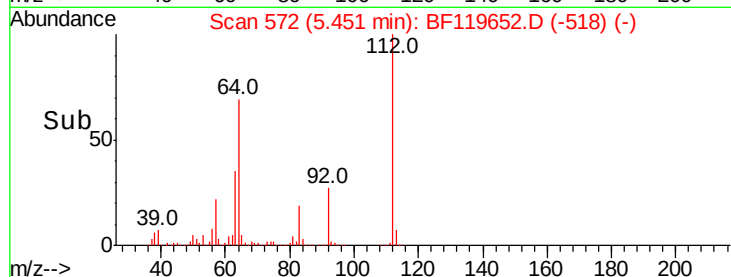
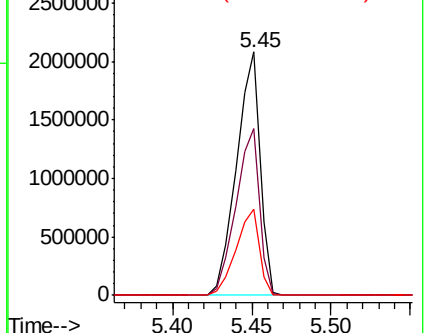
63 35.3 29.5 44.3



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 22.796 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF119652.D

Acq: 31 Mar 2020 15:27

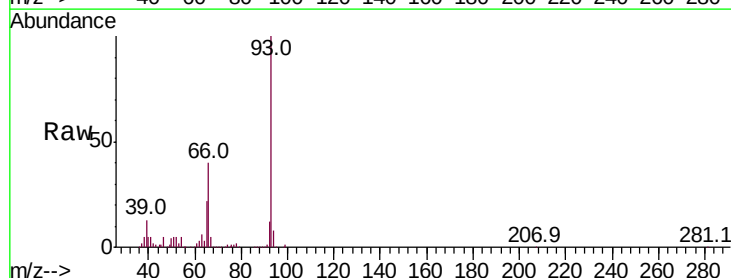
Tgt Ion: 93 Resp: 843885

Ion Ratio Lower Upper

93 100

66 39.9 34.9 52.3

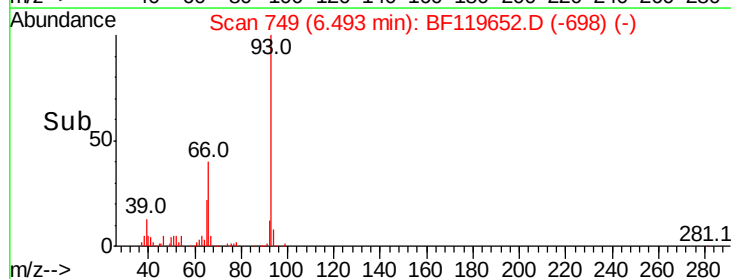
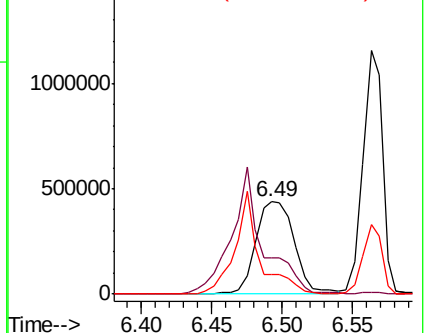
65 21.8 18.6 27.8

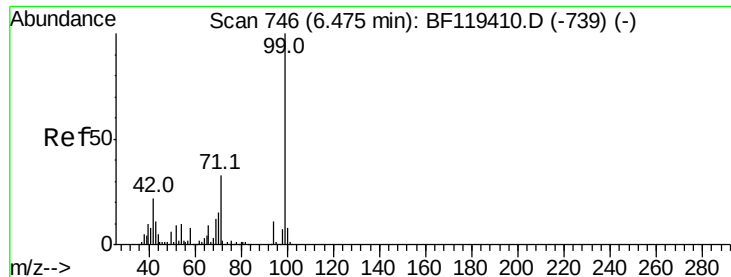


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 105.366 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF119652.D

Acq: 31 Mar 2020 15:27

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ClientSampleId :

SB-6-(10-12)MSD

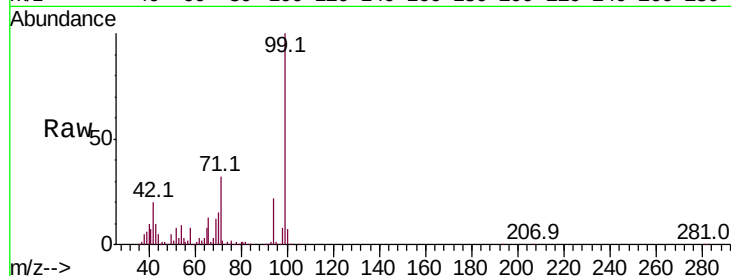
Tot Ion: 99 Resp: 2826176

Ion Ratio Lower Upper

99 100

42 19.5 16.6 24.8

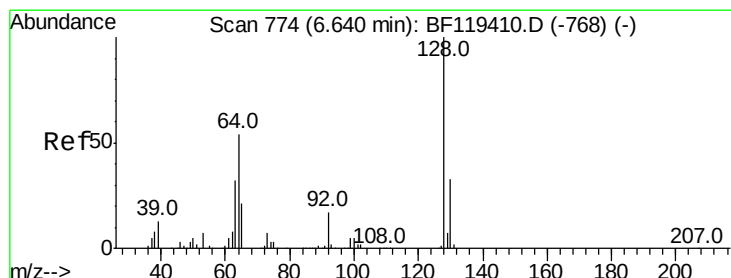
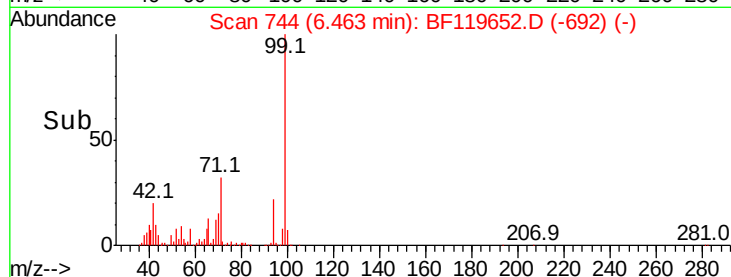
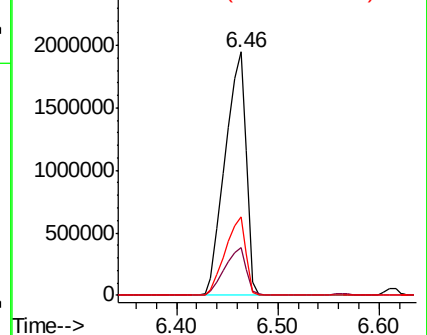
71 32.2 26.4 39.6



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 52.362 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.00 min

Lab File: BF119652.D

Acq: 31 Mar 2020 15:27

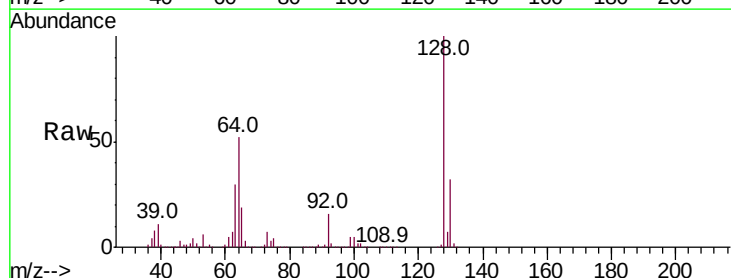
Tgt Ion:128 Resp: 1154727

Ion Ratio Lower Upper

128 100

130 32.1 12.6 52.6

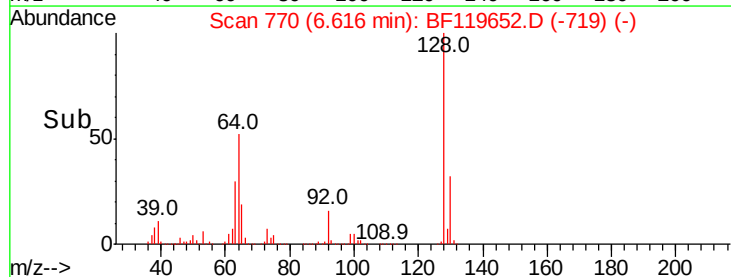
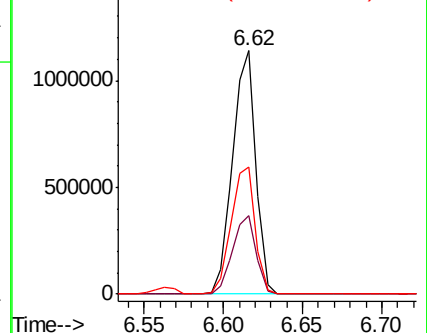
64 52.1 35.3 75.3

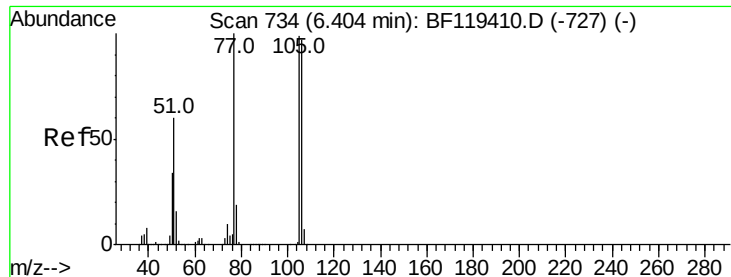


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 37.803 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF119652.D

Acq: 31 Mar 2020 15:27

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SB-6-(10-12)MSD

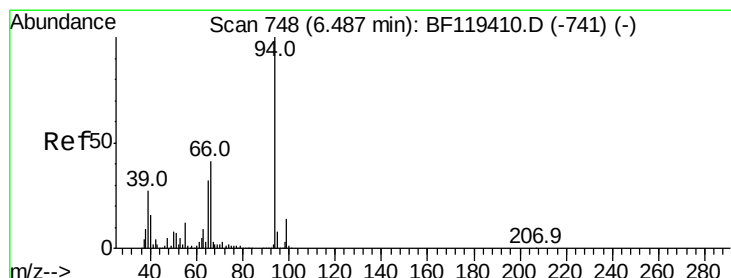
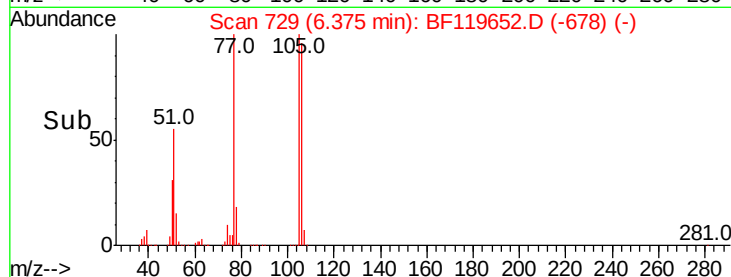
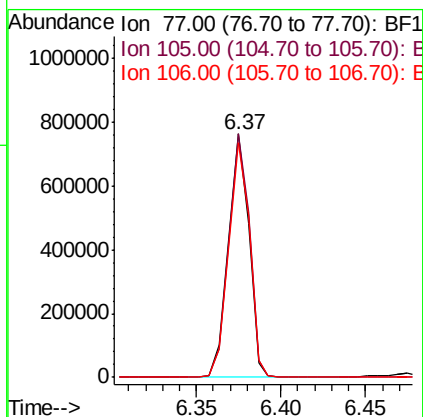
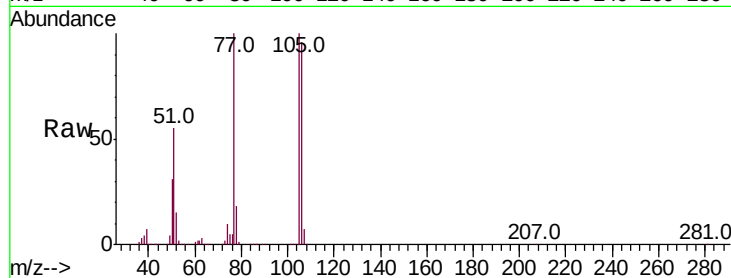
Tot Ion: 77 Resp: 643225

Ion Ratio Lower Upper

77 100

105 100.1 80.9 120.9

106 96.4 77.9 117.9



#10

Phenol

Concen: 49.378 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF119652.D

Acq: 31 Mar 2020 15:27

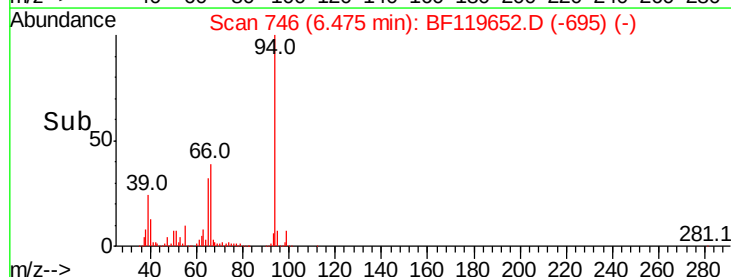
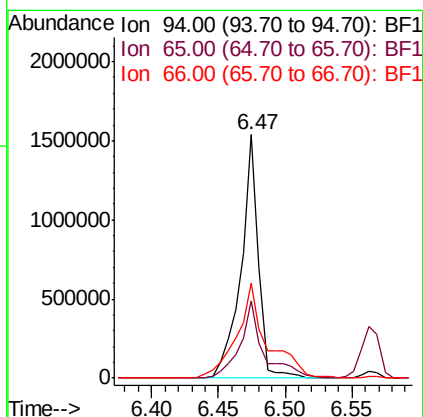
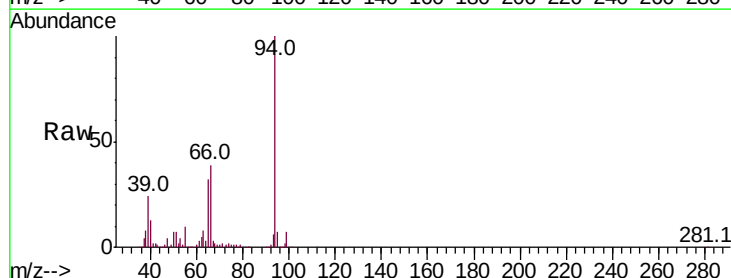
Tgt Ion: 94 Resp: 1413212

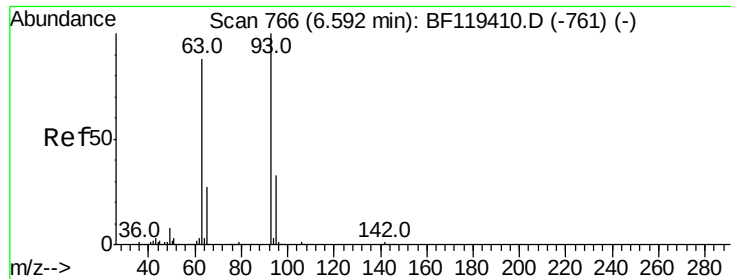
Ion Ratio Lower Upper

94 100

65 31.7 13.2 53.2

66 39.2 22.3 62.3

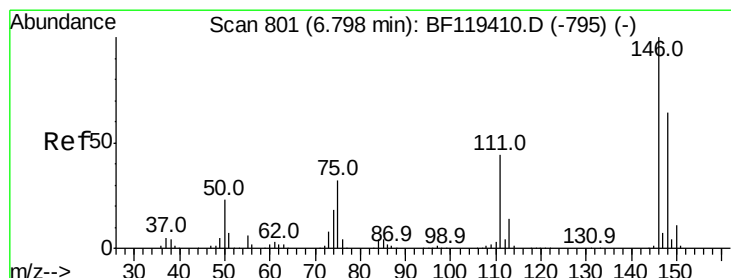
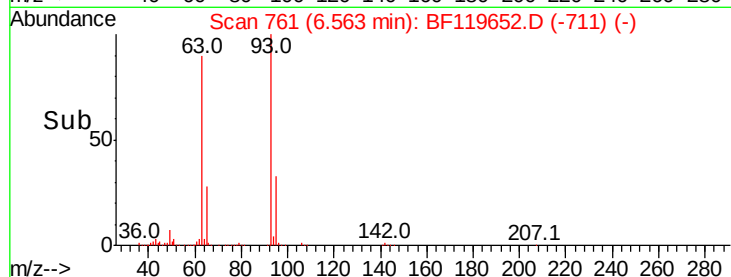
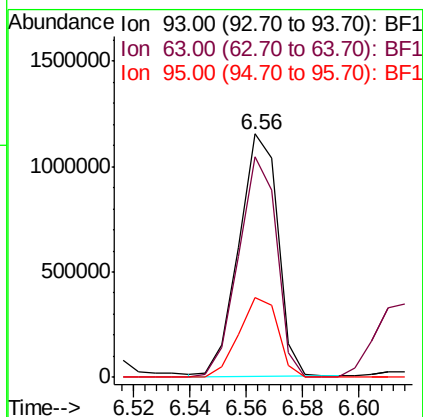
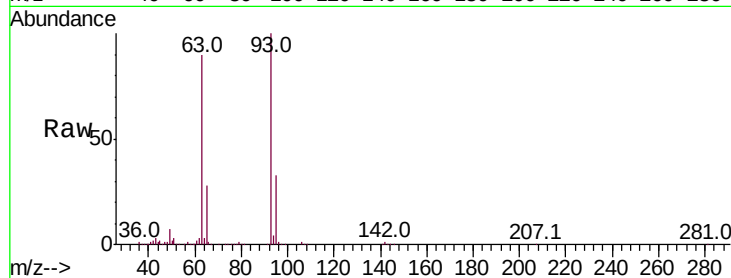




#11
bis(2-Chloroethyl)ether
Concen: 48.341 ng
RT: 6.56 min Scan# 761
Delta R.T. -0.01 min
Lab File: BF119652.D
Acq: 31 Mar 2020 15:27

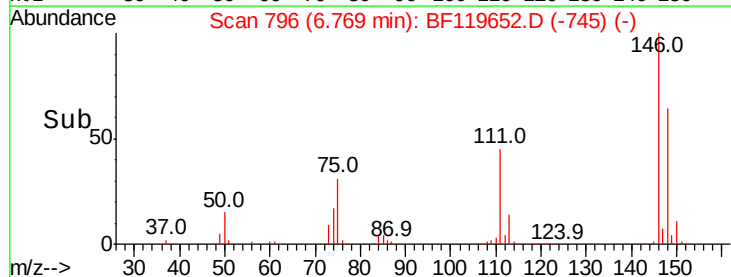
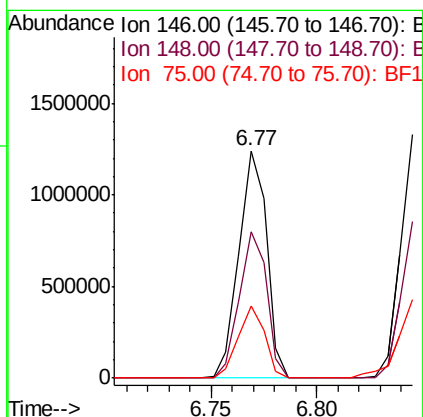
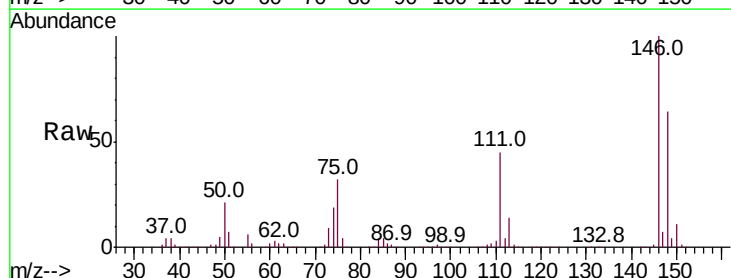
Instrument :
BNA_F
ClientSampleId :
SB-6-(10-12)MSD

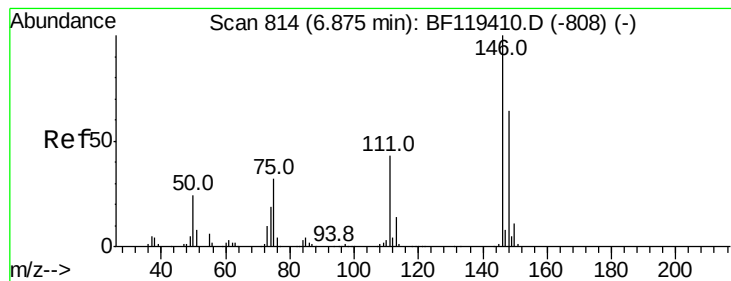
Tot Ion: 93 Resp: 1106520
Ion Ratio Lower Upper
93 100
63 90.5 70.2 110.2
95 33.0 13.4 53.4



#12
1,3-Dichlorobenzene
Concen: 47.288 ng
RT: 6.77 min Scan# 796
Delta R.T. 0.00 min
Lab File: BF119652.D
Acq: 31 Mar 2020 15:27

Tgt Ion: 146 Resp: 1128665
Ion Ratio Lower Upper
146 100
148 64.2 52.2 78.4
75 31.9 23.0 34.4





#13

1,4-Dichlorobenzene

Concen: 47.686 ng

RT: 6.85 min Scan# 809

Delta R.T. 0.00 min

Lab File: BF119652.D

Acq: 31 Mar 2020 15:27

Instrument :

BNA_F

ClientSampleId :

SB-6-(10-12)MSD

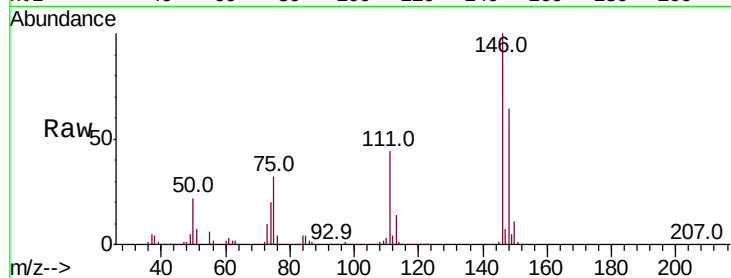
Tot Ion:146 Resp: 1138464

Ion Ratio Lower Upper

146 100

148 64.1 51.5 77.3

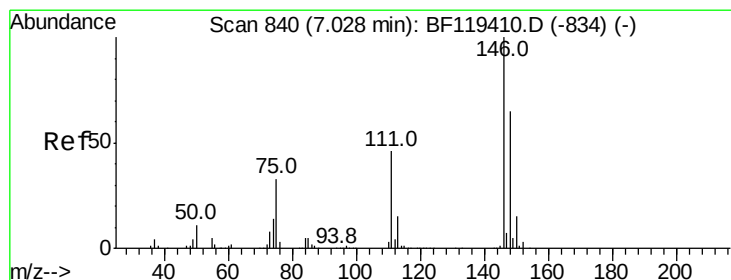
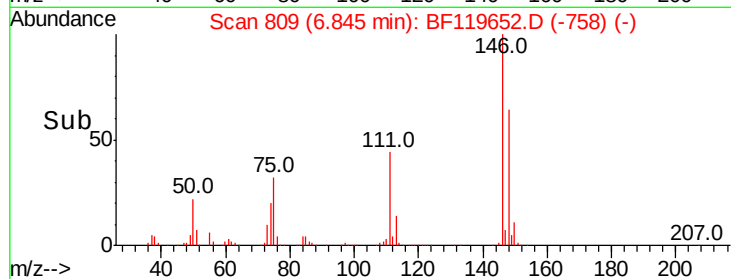
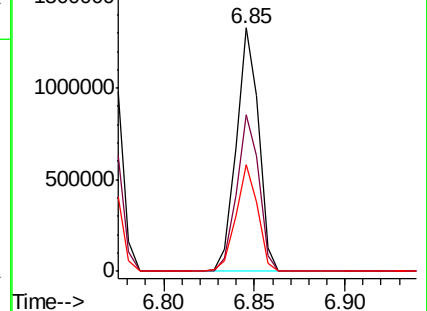
111 43.6 33.3 49.9



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: 47.156 ng

RT: 7.00 min Scan# 836

Delta R.T. 0.00 min

Lab File: BF119652.D

Acq: 31 Mar 2020 15:27

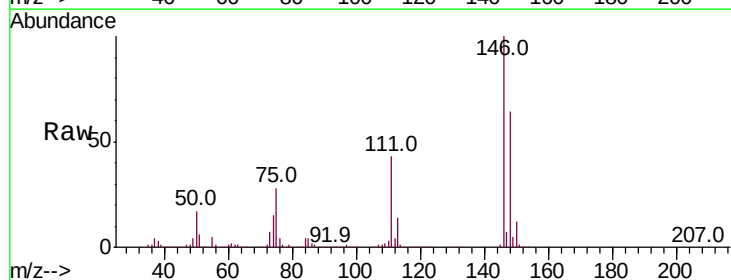
Tgt Ion:146 Resp: 1052294

Ion Ratio Lower Upper

146 100

148 64.3 50.6 75.8

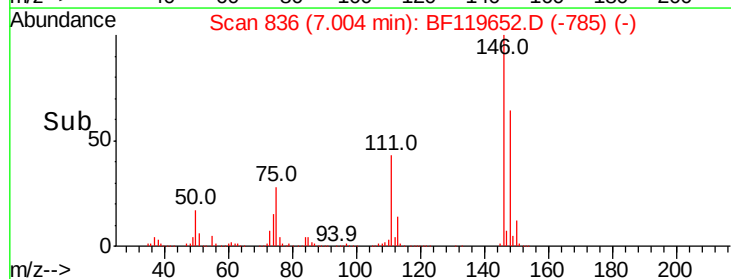
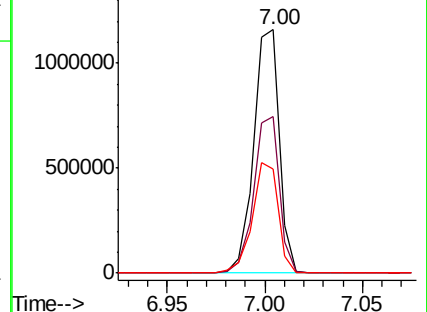
111 42.8 36.1 54.1

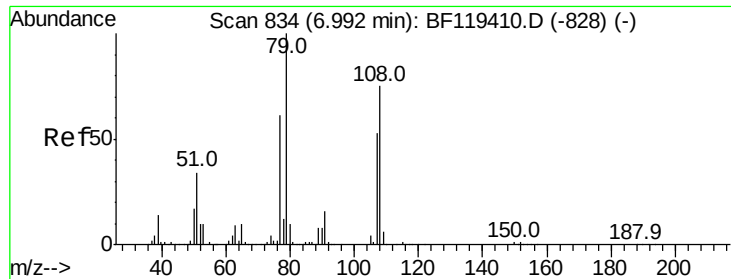


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 46.271 ng

RT: 6.97 min Scan# 831

Delta R.T. 0.01 min

Lab File: BF119652.D

Acq: 31 Mar 2020 15:27

Instrument :

BNA_F

ClientSampleId :

SB-6-(10-12)MSD

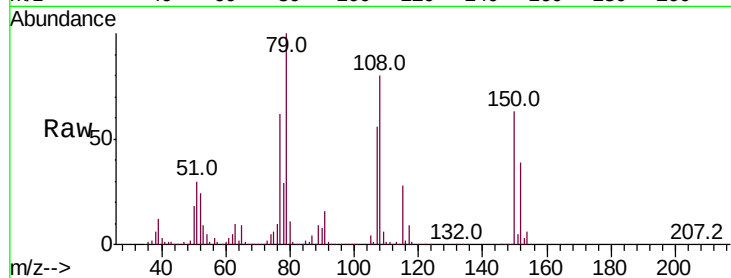
Tot Ion: 79 Resp: 933589

Ion Ratio Lower Upper

79 100

108 80.5 60.6 90.8

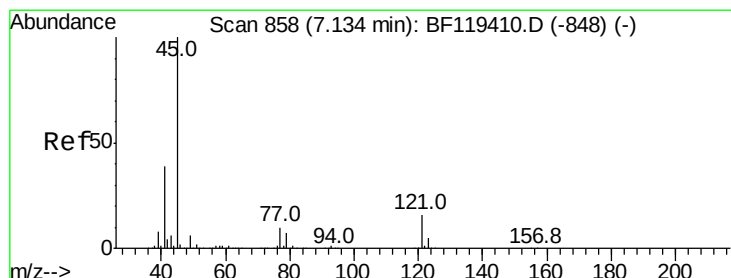
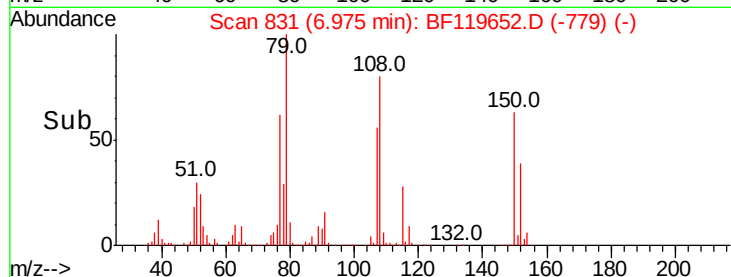
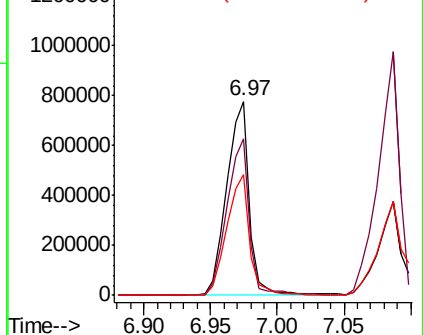
77 62.0 50.2 75.2



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: 42.912 ng

RT: 7.10 min Scan# 853

Delta R.T. -0.01 min

Lab File: BF119652.D

Acq: 31 Mar 2020 15:27

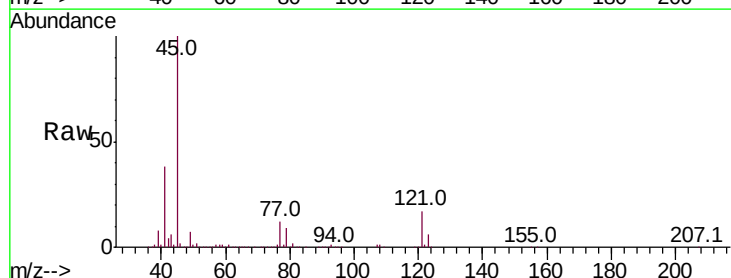
Tgt Ion: 45 Resp: 1981293

Ion Ratio Lower Upper

45 100

77 11.5 0.0 30.7

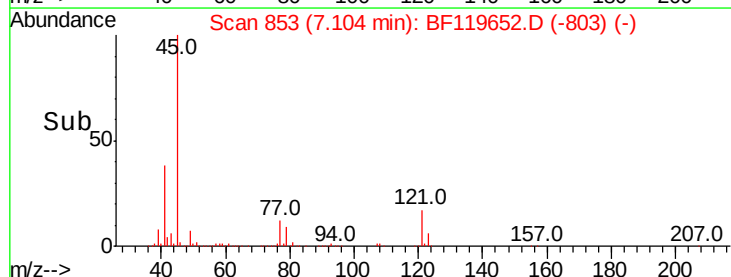
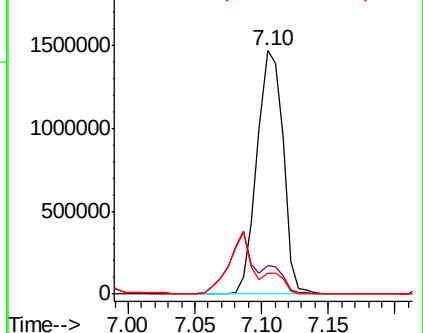
79 8.7 0.0 28.2

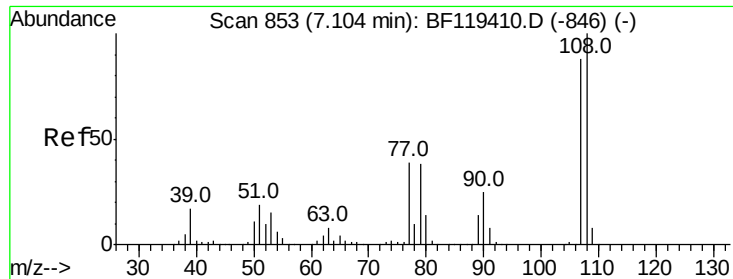


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

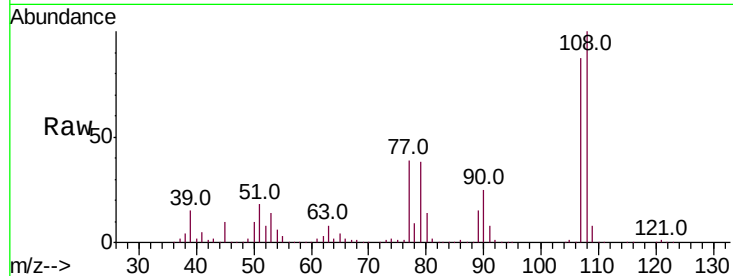




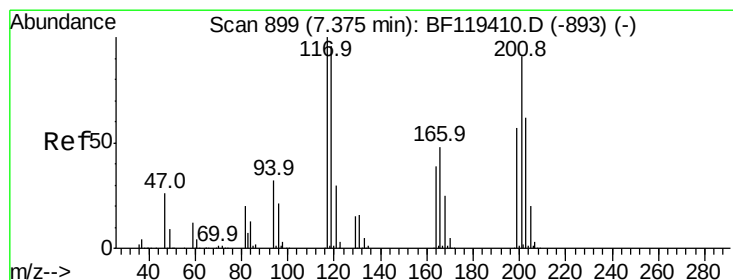
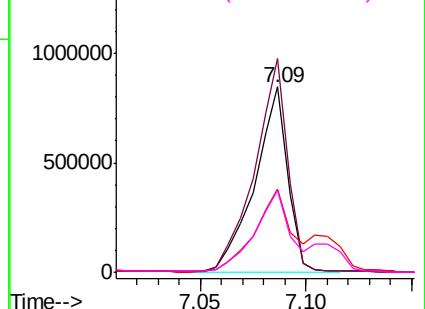
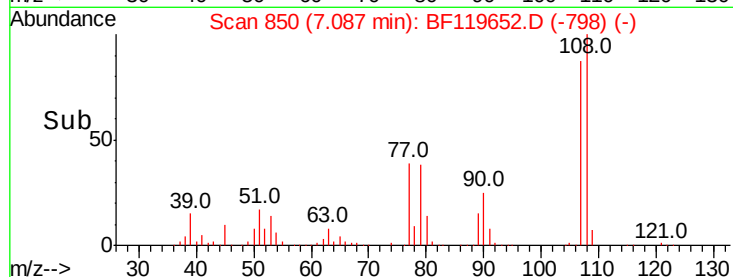
#17
2-Methylphenol
Concen: 45.101 ng
RT: 7.09 min Scan# 850
Delta R.T. 0.01 min
Lab File: BF119652.D
Acq: 31 Mar 2020 15:27

Instrument :
BNA_F
ClientSampleId :
SB-6-(10-12)MSD

Tot Ion:	107	Resp:	911285
Ion	Ratio	Lower	Upper
107	100		
108	115.2	92.2	138.4
77	44.7	36.6	54.8
79	44.3	36.2	54.4

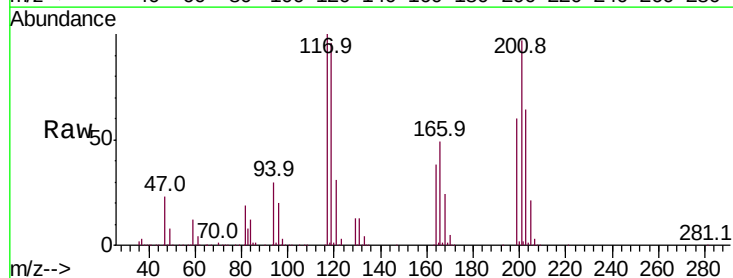


Abundance Ion 107.00 (106.70 to 107.70): E
1500000 Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

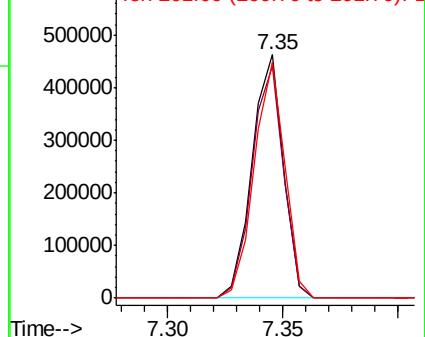
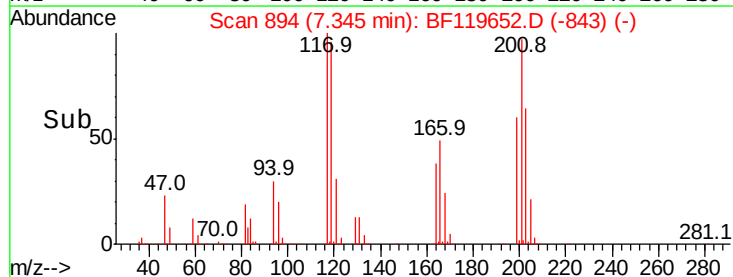


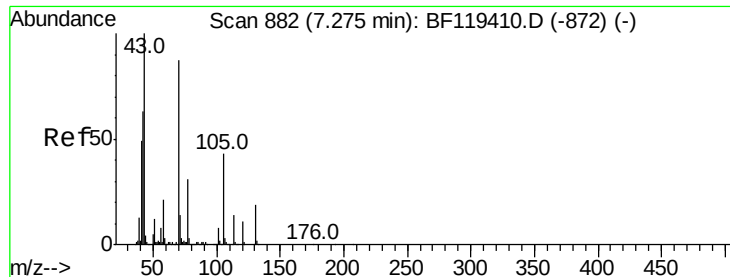
#18
Hexachloroethane
Concen: 50.090 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.00 min
Lab File: BF119652.D
Acq: 31 Mar 2020 15:27

Tgt Ion:	117	Resp:	438244
Ion	Ratio	Lower	Upper
117	100		
119	95.5	76.1	114.1
201	97.0	73.0	109.6



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

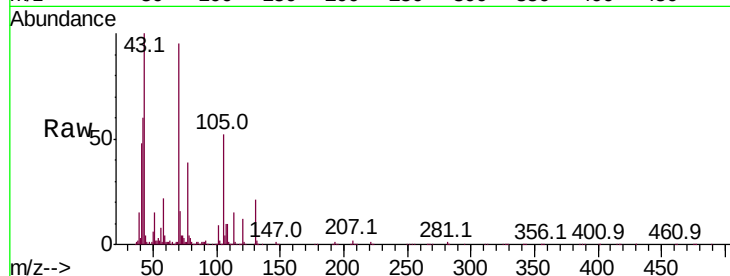




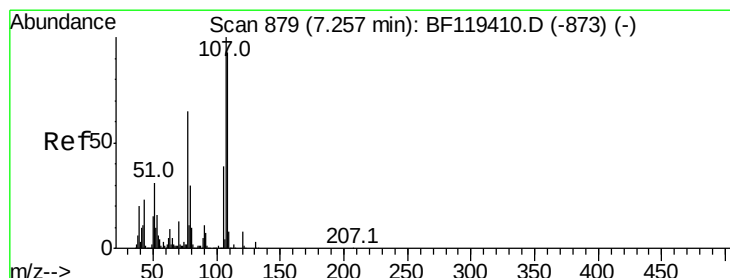
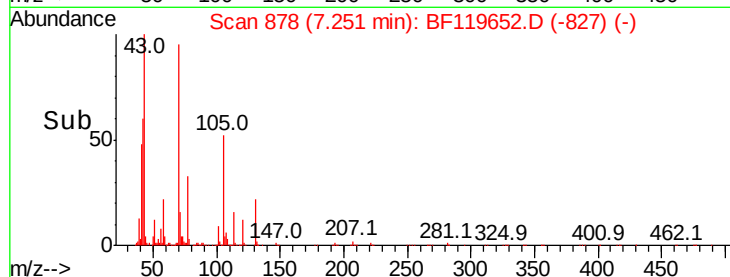
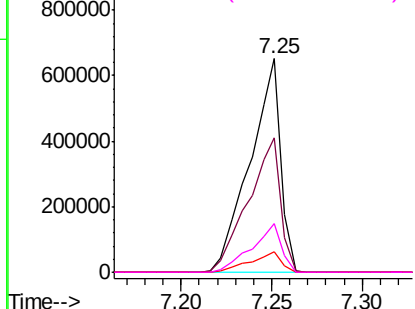
#19
n-Nitroso-di-n-propylamine
Concen: 47.512 ng
RT: 7.25 min Scan# 878
Delta R.T. 0.00 min
Lab File: BF119652.D
Acq: 31 Mar 2020 15:27

Instrument :
BNA_F
ClientSampleId :
SB-6-(10-12)MSD

Tot Ion:	70	Resp:	768130
Ion	Ratio	Lower	Upper
70	100		
42	63.0	54.5	81.7
101	9.5	7.6	11.4
130	22.6	17.6	26.4

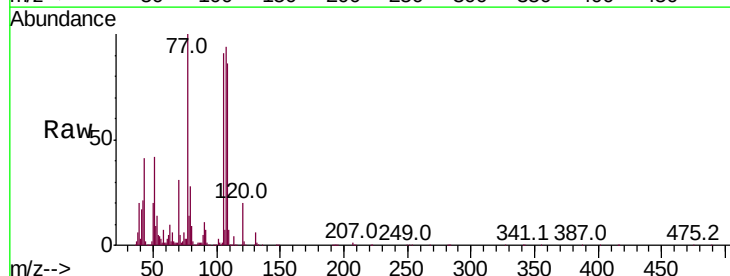


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

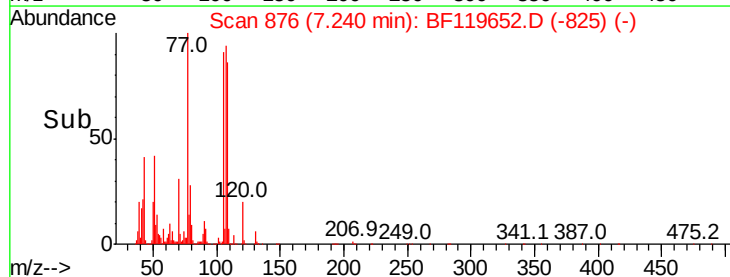
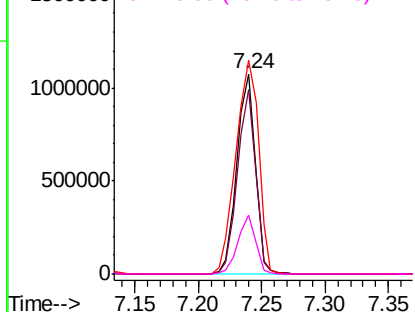


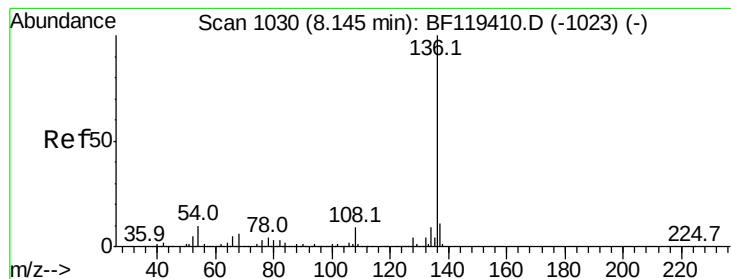
#20
3+4-Methylphenols
Concen: 43.292 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.00 min
Lab File: BF119652.D
Acq: 31 Mar 2020 15:27

Tgt Ion:	107	Resp:	1072029
Ion	Ratio	Lower	Upper
107	100		
108	91.8	67.9	107.9
77	106.7	52.9	92.9#
79	29.7	7.7	47.7



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. 0.00 min

Lab File: BF119652.D

Acq: 31 Mar 2020 15:27

Instrument :

BNA_F

ClientSampleId :

SB-6-(10-12)MSD

Tot Ion:136 Resp: 1312067

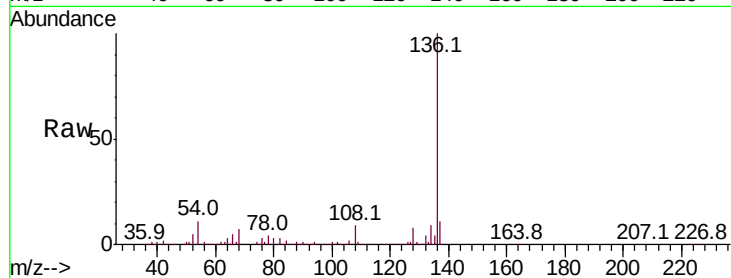
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 10.7 9.1 13.7

68 6.5 4.6 6.8

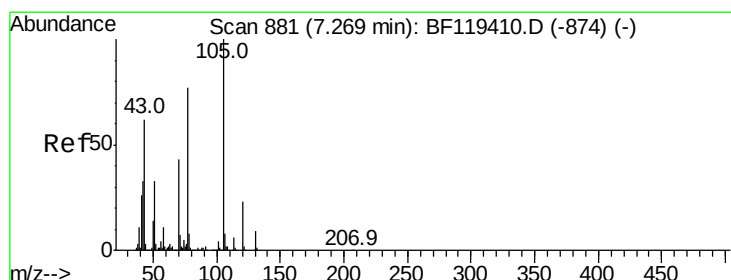
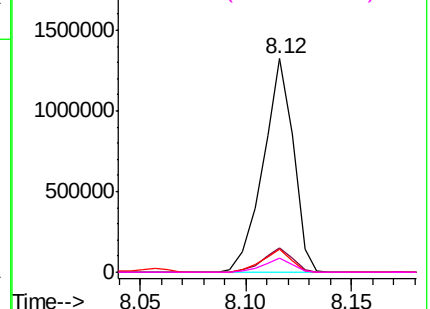
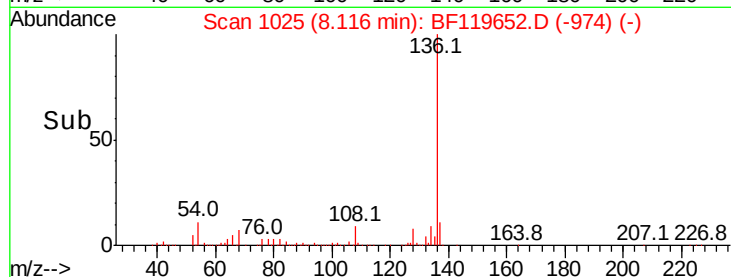


Abundance Ion 136.00 (135.70 to 136.70): E

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: 45.360 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.01 min

Lab File: BF119652.D

Acq: 31 Mar 2020 15:27

Tgt Ion:105 Resp: 1422101

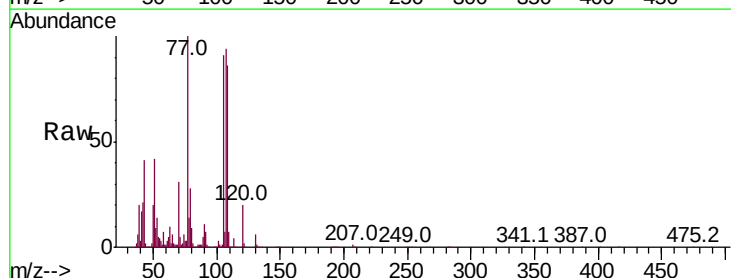
Ion Ratio Lower Upper

105 100

71 5.8 5.7 8.5

51 46.6 26.2 39.4#

120 21.9 18.3 27.5

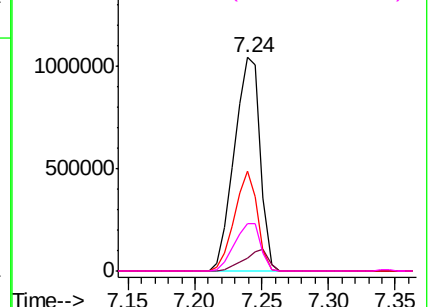
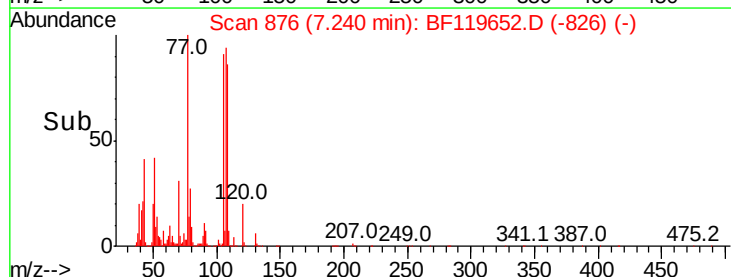


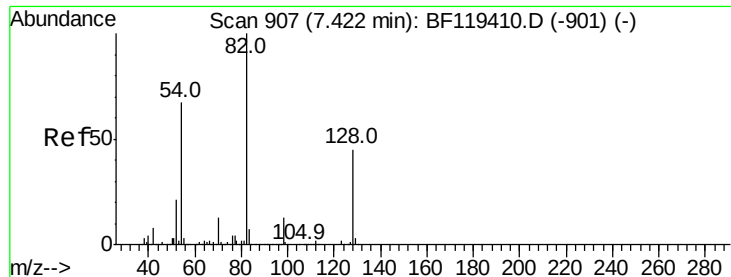
Abundance Ion 105.00 (104.70 to 105.70): E

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

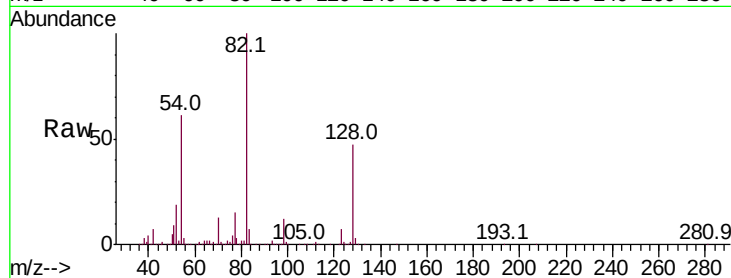




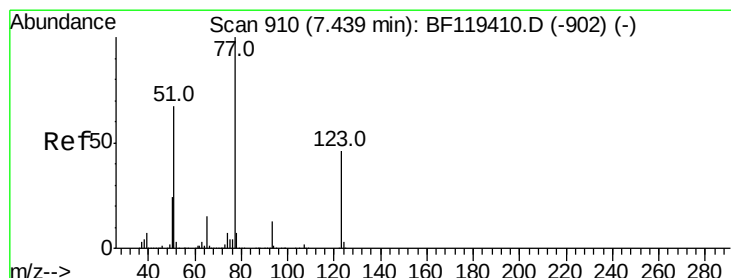
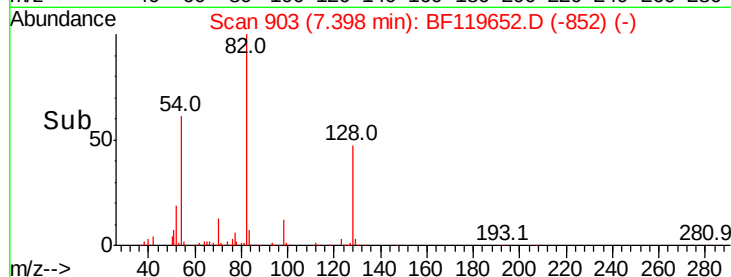
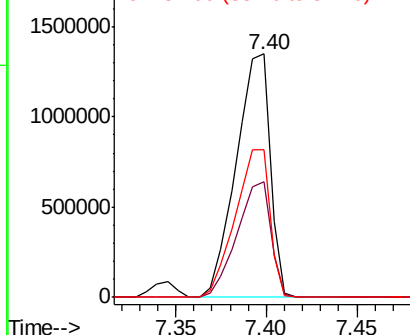
#23
Nitrobenzene-d5
Concen: 73.175 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.00 min
Lab File: BF119652.D
Acq: 31 Mar 2020 15:27

Instrument :
BNA_F
ClientSampleId :
SB-6-(10-12)MSD

Tot Ion: 82 Resp: 1766592
Ion Ratio Lower Upper
82 100
128 47.5 36.3 54.5
54 60.8 50.6 75.8

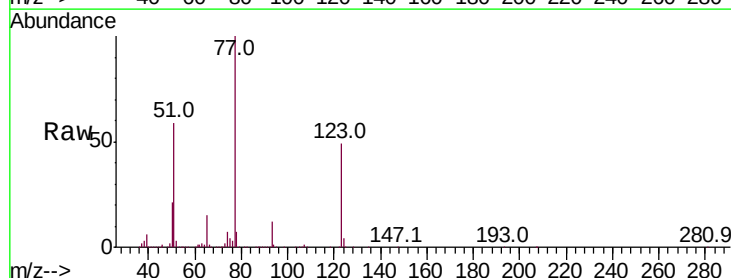


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

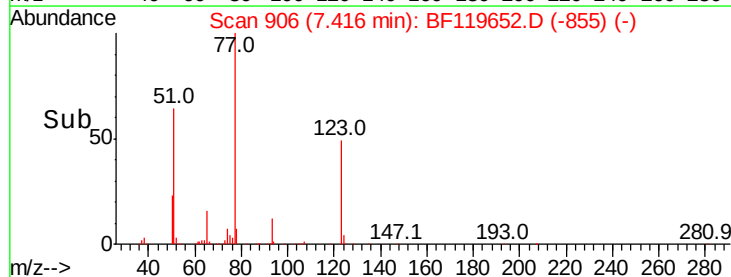
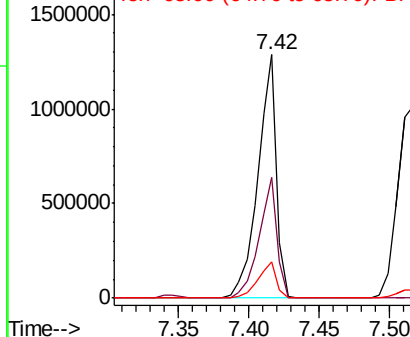


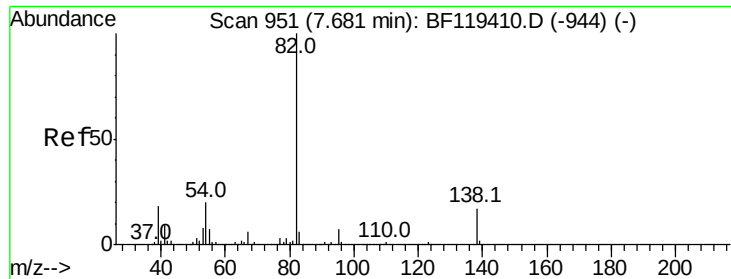
#24
Nitrobenzene
Concen: 45.980 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF119652.D
Acq: 31 Mar 2020 15:27

Tgt Ion: 77 Resp: 1186306
Ion Ratio Lower Upper
77 100
123 49.4 38.0 57.0
65 15.0 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: 45.579 ng

RT: 7.66 min Scan# 947

Delta R.T. 0.00 min

Lab File: BF119652.D

Acq: 31 Mar 2020 15:27

Instrument :

BNA_F

ClientSampleId :

SB-6-(10-12)MSD

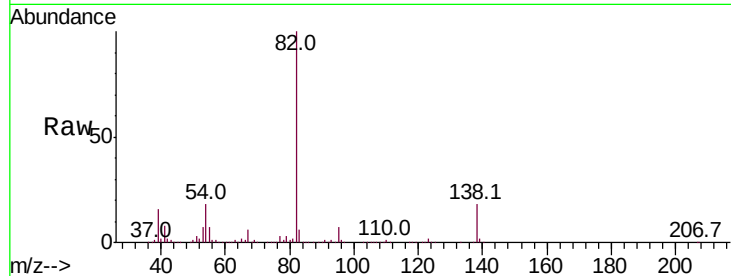
Tot Ion: 82 Resp: 2232126

Ion Ratio Lower Upper

82 100

95 6.8 5.8 8.6

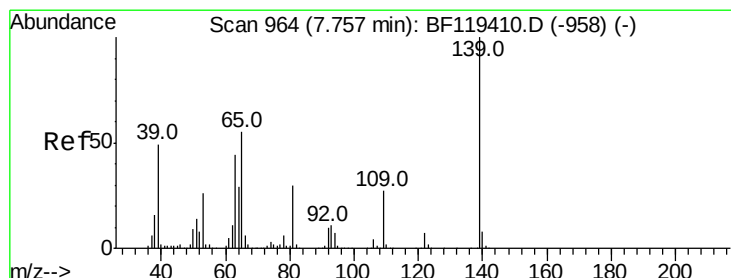
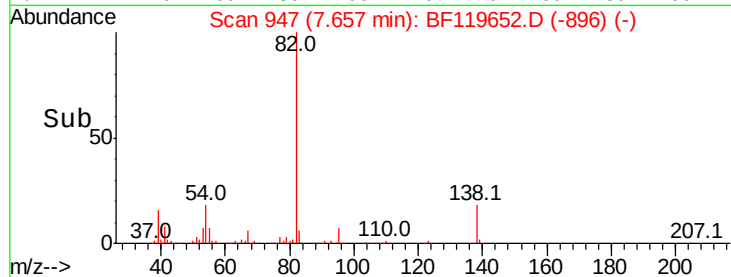
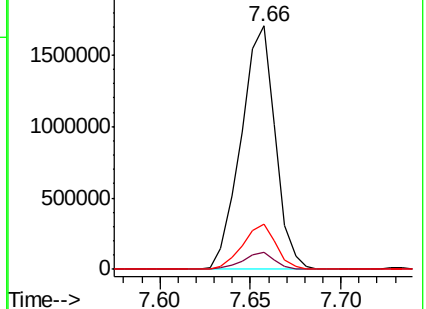
138 18.4 14.6 21.8



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: 61.052 ng

RT: 7.73 min Scan# 960

Delta R.T. 0.00 min

Lab File: BF119652.D

Acq: 31 Mar 2020 15:27

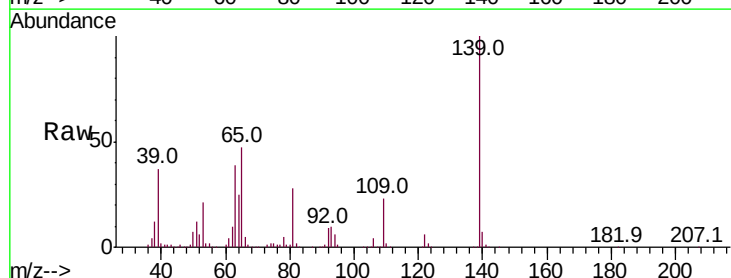
Tgt Ion: 139 Resp: 620200

Ion Ratio Lower Upper

139 100

109 23.5 22.1 33.1

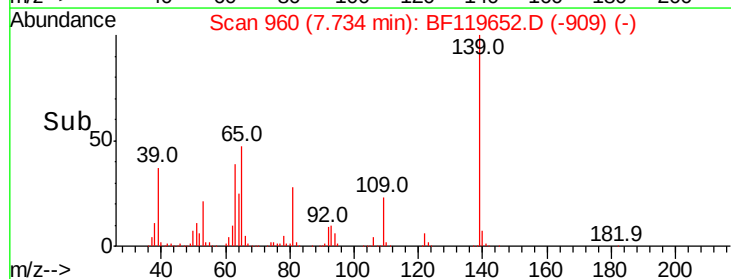
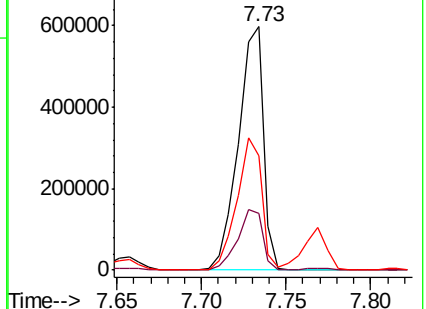
65 47.2 49.2 73.8#

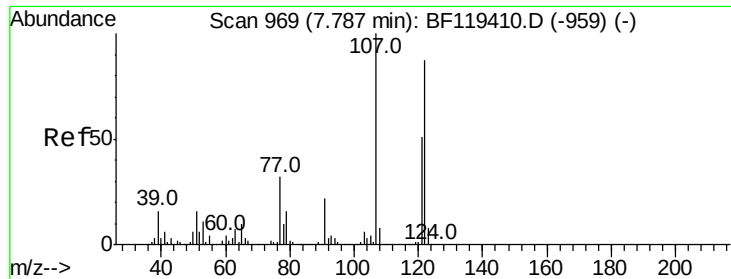


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

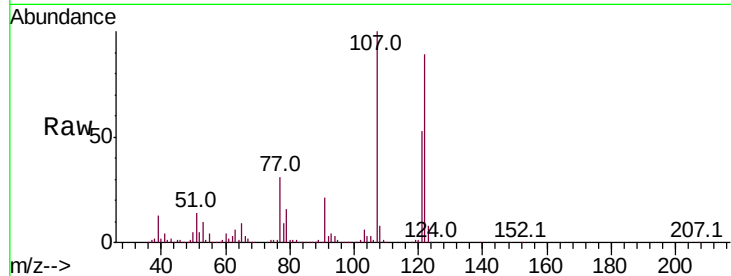




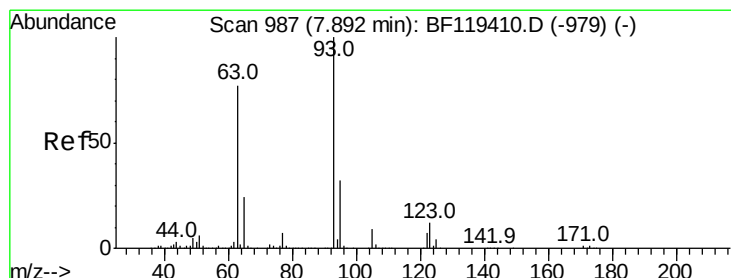
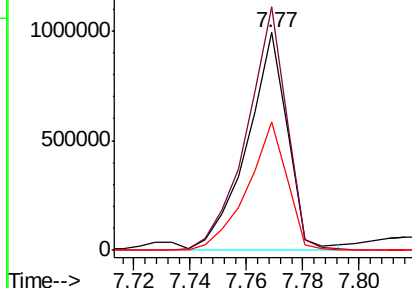
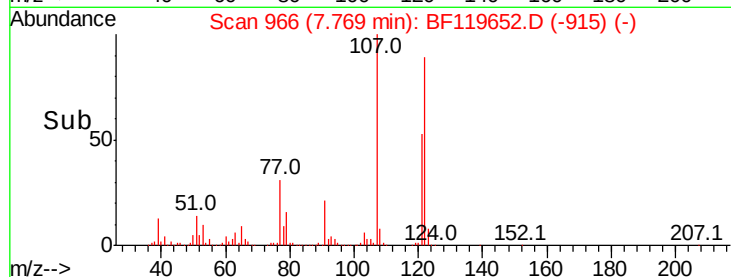
#27
2,4-Dimethylphenol
Concen: 46.938 ng
RT: 7.77 min Scan# 966
Delta R.T. 0.00 min
Lab File: BF119652.D
Acq: 31 Mar 2020 15:27

Instrument :
BNA_F
ClientSampleId :
SB-6-(10-12)MSD

Tot Ion:122 Resp: 985954
Ion Ratio Lower Upper
122 100
107 111.9 89.0 133.6
121 59.2 46.7 70.1

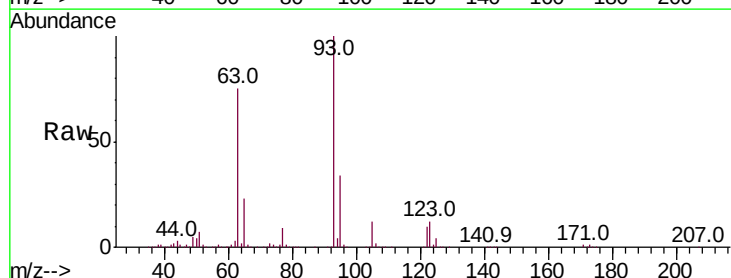


Abundance Ion 122.00 (121.70 to 122.70): E
1500000
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

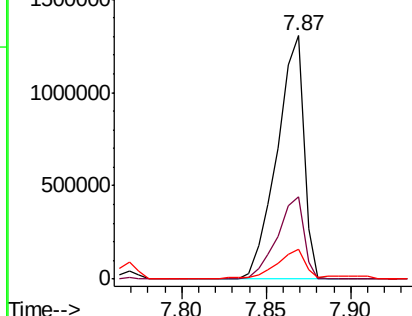
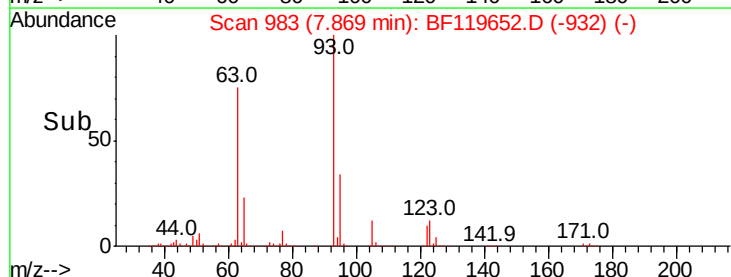


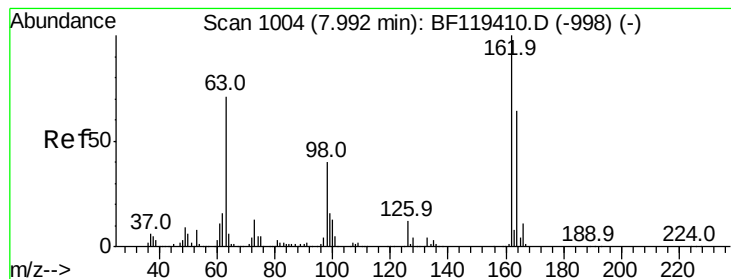
#28
bis(2-Chloroethoxy)methane
Concen: 49.427 ng
RT: 7.87 min Scan# 983
Delta R.T. 0.00 min
Lab File: BF119652.D
Acq: 31 Mar 2020 15:27

Tgt Ion: 93 Resp: 1431378
Ion Ratio Lower Upper
93 100
95 33.6 26.3 39.5
123 12.4 9.7 14.5



Abundance Ion 93.00 (92.70 to 93.70): BF1
1500000
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 48.841 ng

RT: 7.97 min Scan# 1001

Delta R.T. 0.00 min

Lab File: BF119652.D

Acq: 31 Mar 2020 15:27

Instrument :

BNA_F

ClientSampleId :

SB-6-(10-12)MSD

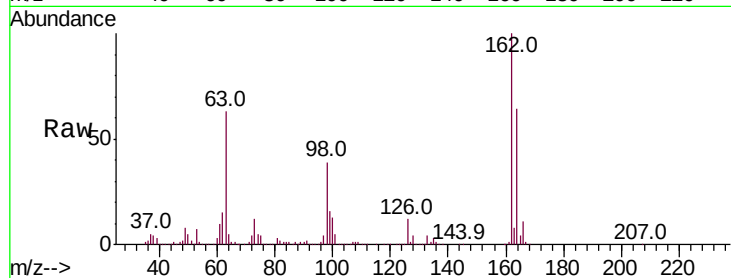
Tot Ion:162 Resp: 942654

Ion Ratio Lower Upper

162 100

164 64.0 44.7 84.7

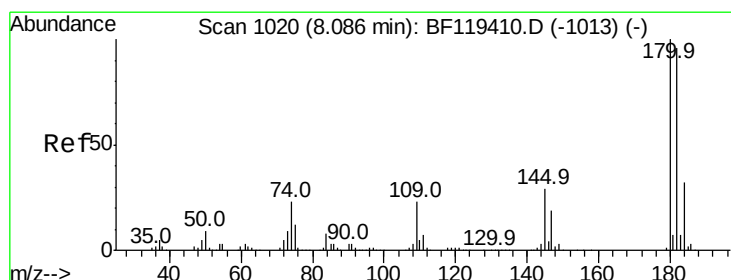
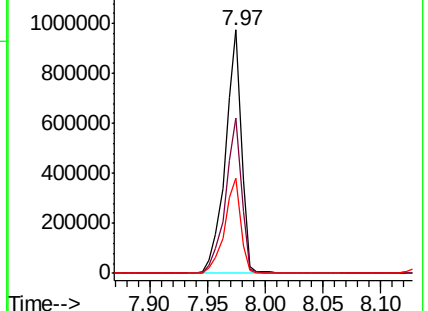
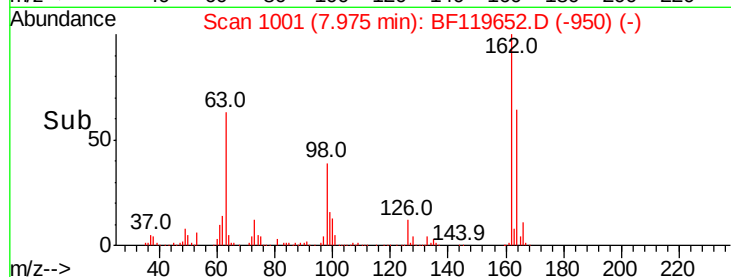
98 38.9 20.7 60.7



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: 46.846 ng

RT: 8.06 min Scan# 1015

Delta R.T. 0.00 min

Lab File: BF119652.D

Acq: 31 Mar 2020 15:27

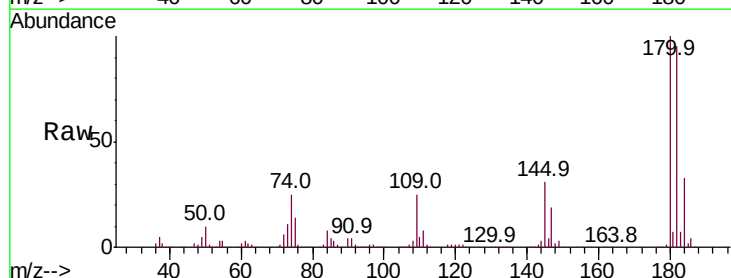
Tgt Ion:180 Resp: 999905

Ion Ratio Lower Upper

180 100

182 95.0 74.7 112.1

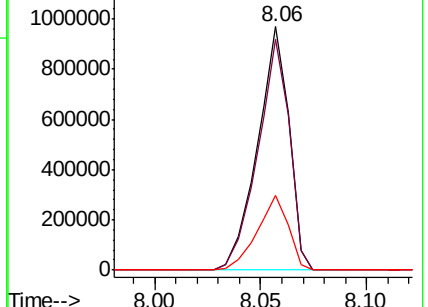
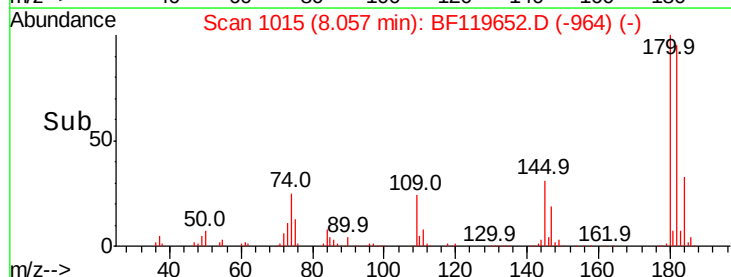
145 30.7 24.5 36.7

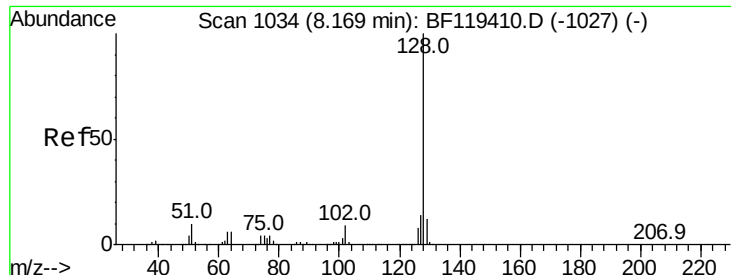


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

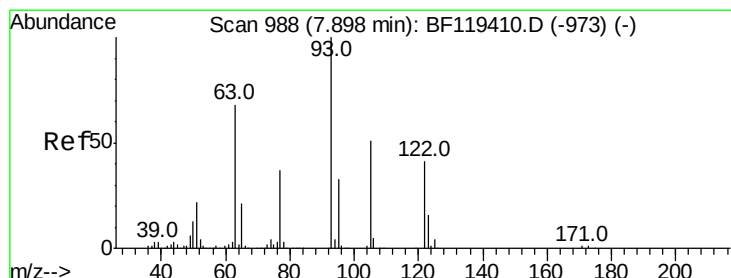
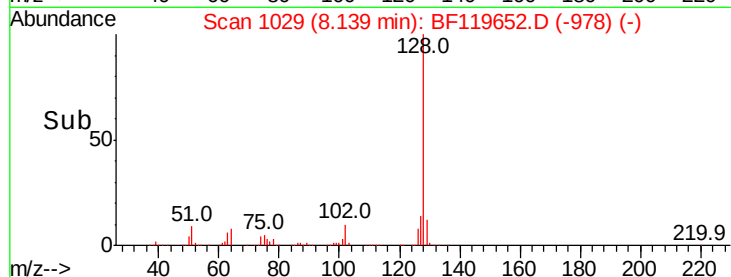
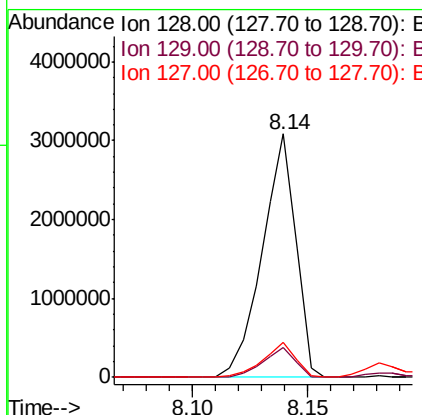
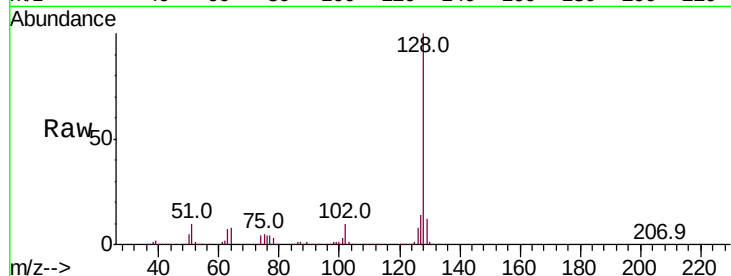




#31
Naphthalene
Concen: 46.057 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF119652.D
Acq: 31 Mar 2020 15:27

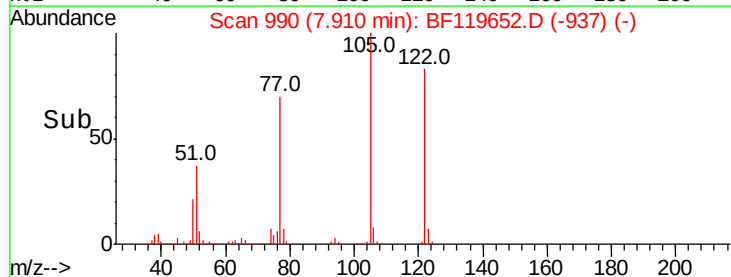
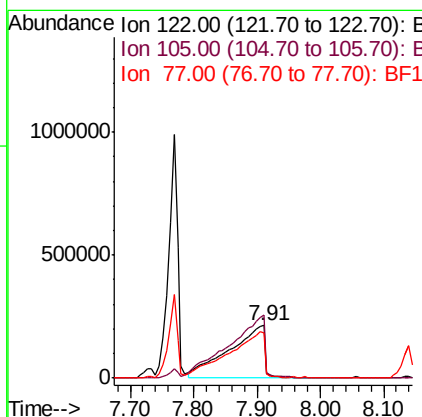
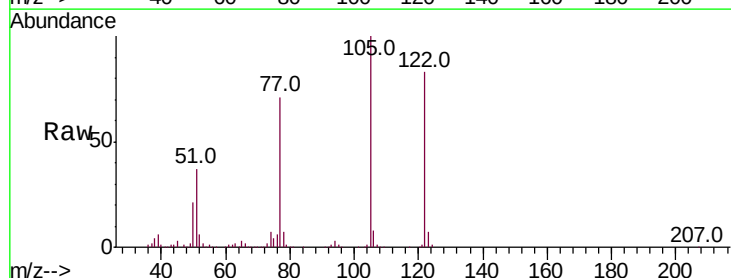
Instrument :
BNA_F
ClientSampleId :
SB-6-(10-12)MSD

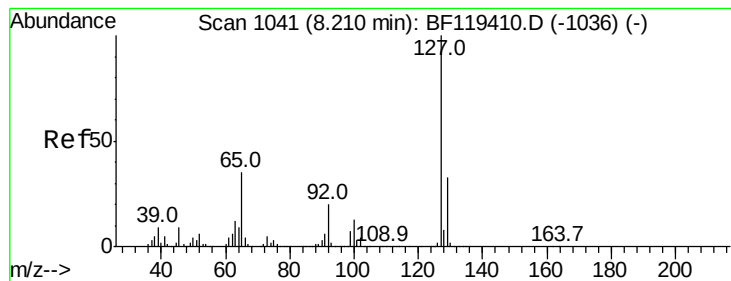
Tot Ion:128 Resp: 3109817
Ion Ratio Lower Upper
128 100
129 12.1 9.5 14.3
127 14.5 11.3 16.9



#32
Benzoic acid
Concen: 62.496 ng
RT: 7.91 min Scan# 990
Delta R.T. 0.01 min
Lab File: BF119652.D
Acq: 31 Mar 2020 15:27

Tgt Ion:122 Resp: 844436
Ion Ratio Lower Upper
122 100
105 120.3 104.9 144.9
77 85.6 74.4 114.4





#33

4-Chloroaniline

Concen: 6.863 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BF119652.D

Acq: 31 Mar 2020 15:27

Instrument :

BNA_F

ClientSampleId :

SB-6-(10-12)MSD

Tot Ion:127 Resp: 212350

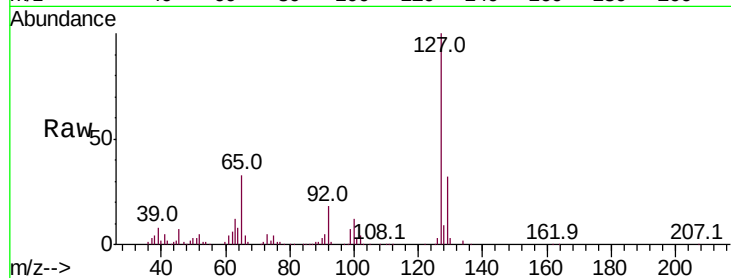
Ion Ratio Lower Upper

127 100

129 31.6 26.2 39.4

65 32.8 27.4 41.0

92 17.8 15.3 22.9

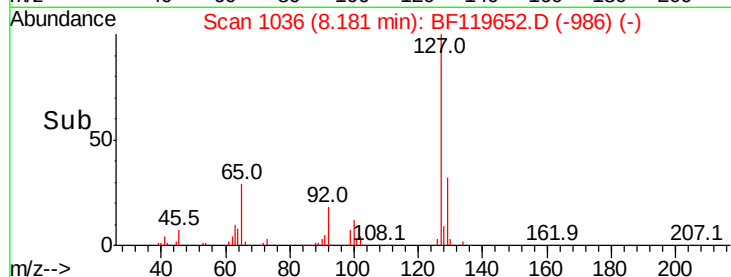


Abundance Ion 127.00 (126.70 to 127.70): E

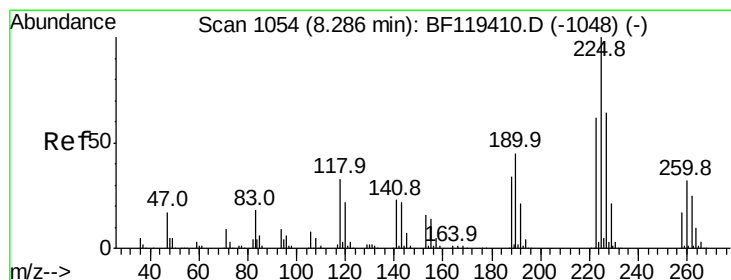
Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



Time-->



#34

Hexachlorobutadiene

Concen: 47.619 ng

RT: 8.26 min Scan# 1049

Delta R.T. 0.00 min

Lab File: BF119652.D

Acq: 31 Mar 2020 15:27

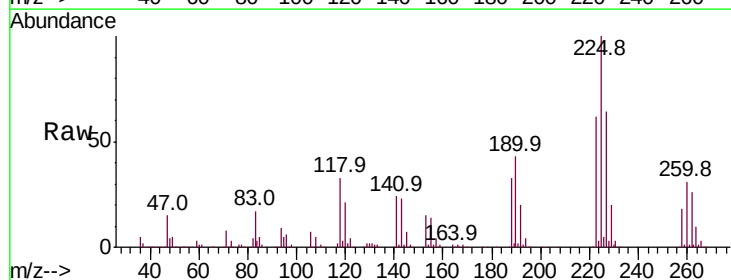
Tgt Ion:225 Resp: 568683

Ion Ratio Lower Upper

225 100

223 61.6 51.0 76.6

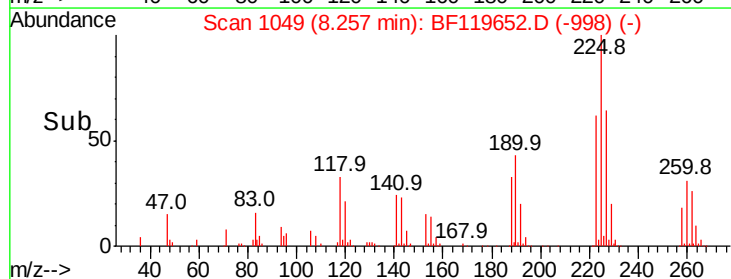
227 63.8 50.7 76.1



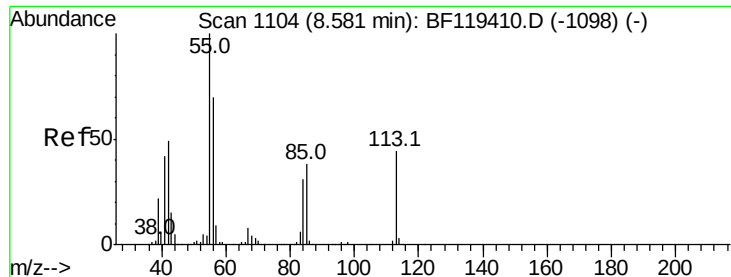
Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



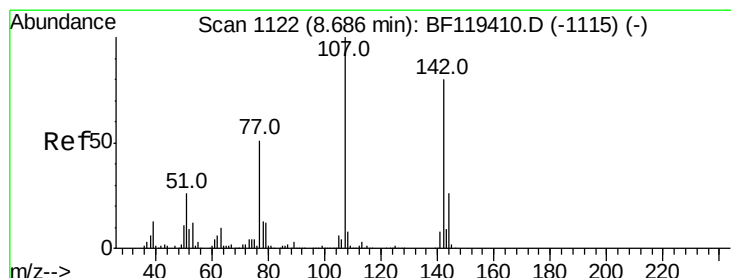
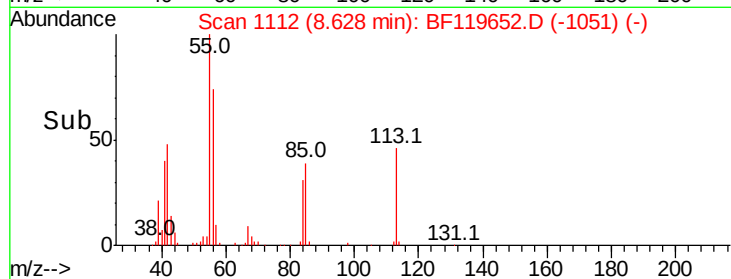
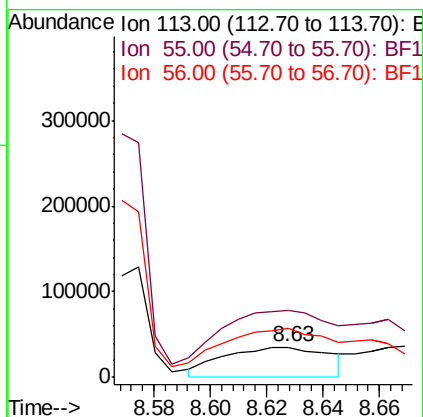
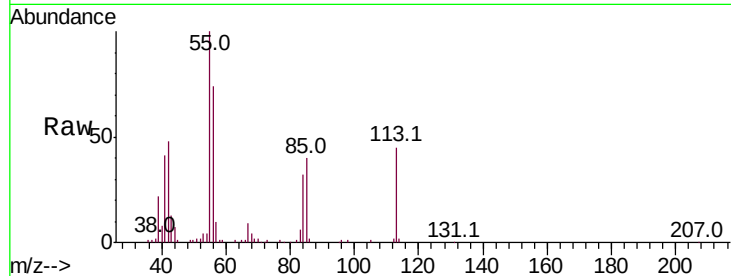
Time-->



#35
 Caprolactam
 Concen: 14.228 ng
 RT: 8.63 min Scan# 1112
 Delta R.T. 0.06 min
 Lab File: BF119652.D
 Acq: 31 Mar 2020 15:27

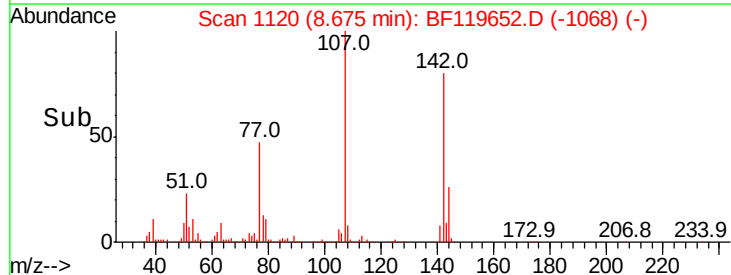
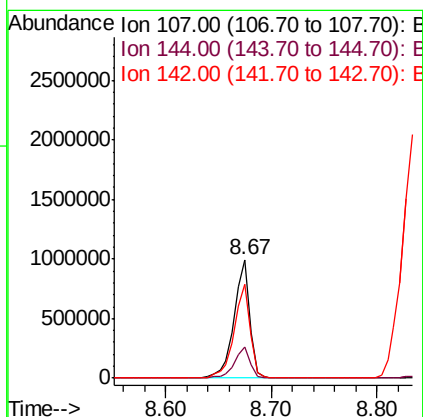
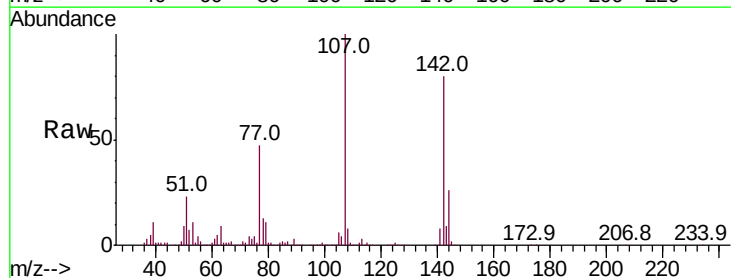
Instrument :
 BNA_F
 ClientSampleId :
 SB-6-(10-12)MSD

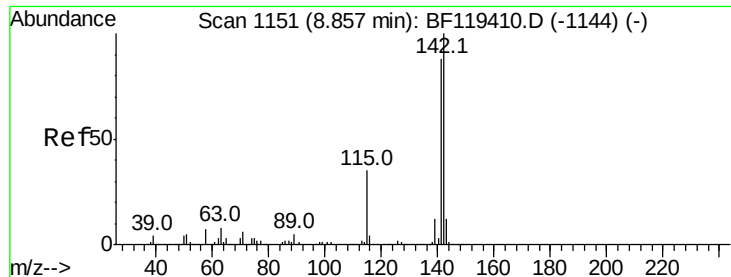
Tot Ion:113 Resp: 89874
 Ion Ratio Lower Upper
 113 100
 55 220.3 218.4 258.4
 56 162.6 148.9 188.9



#36
 4-Chloro-3-methylphenol
 Concen: 48.328 ng
 RT: 8.67 min Scan# 1120
 Delta R.T. 0.01 min
 Lab File: BF119652.D
 Acq: 31 Mar 2020 15:27

Tgt Ion:107 Resp: 1019468
 Ion Ratio Lower Upper
 107 100
 144 26.0 21.0 31.6
 142 79.5 64.4 96.6

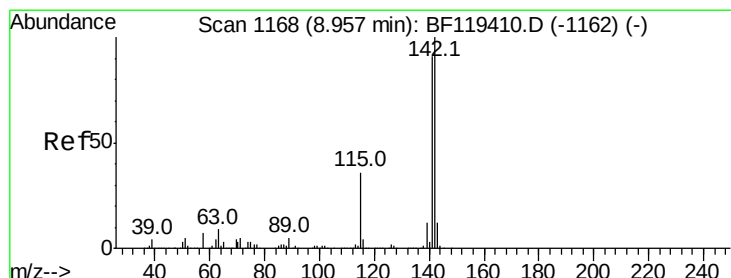
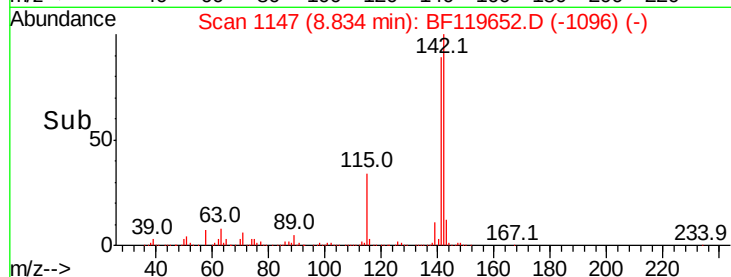
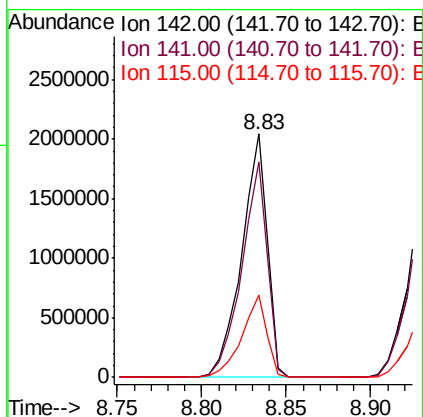
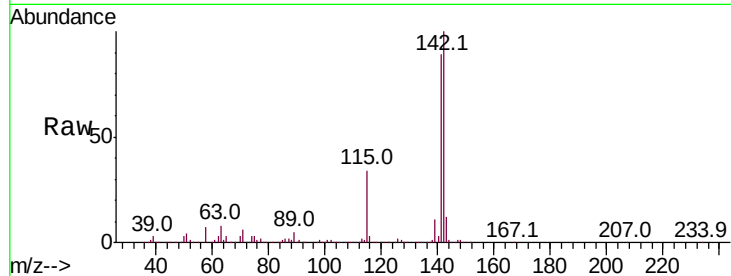




#37
2-Methylnaphthalene
Concen: 48.956 ng
RT: 8.83 min Scan# 1147
Delta R.T. 0.00 min
Lab File: BF119652.D
Acq: 31 Mar 2020 15:27

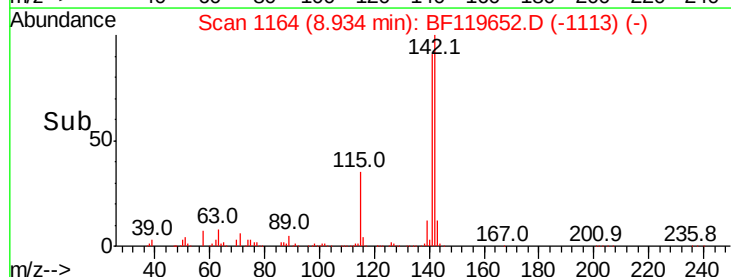
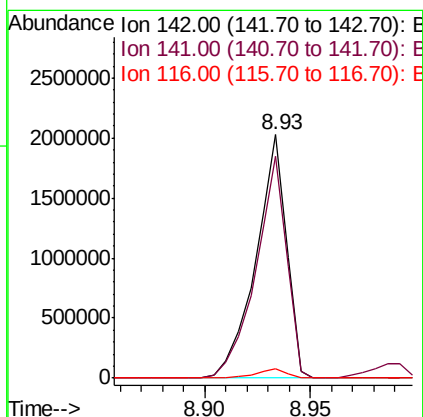
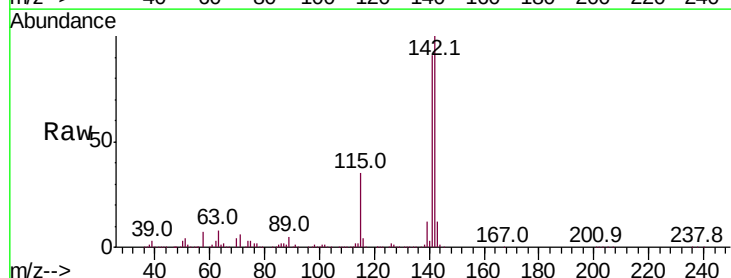
Instrument :
BNA_F
ClientSampleId :
SB-6-(10-12)MSD

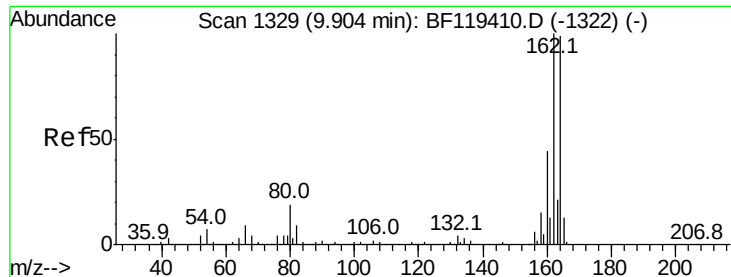
Tot Ion:142 Resp: 2169396
Ion Ratio Lower Upper
142 100
141 88.7 71.7 107.5
115 33.6 27.9 41.9



#38
1-Methylnaphthalene
Concen: 48.784 ng
RT: 8.93 min Scan# 1164
Delta R.T. 0.00 min
Lab File: BF119652.D
Acq: 31 Mar 2020 15:27

Tgt Ion:142 Resp: 2046171
Ion Ratio Lower Upper
142 100
141 90.9 73.7 110.5
116 3.8 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.00 min

Lab File: BF119652.D

Acq: 31 Mar 2020 15:27

Instrument :

BNA_F

ClientSampleId :

SB-6-(10-12)MSD

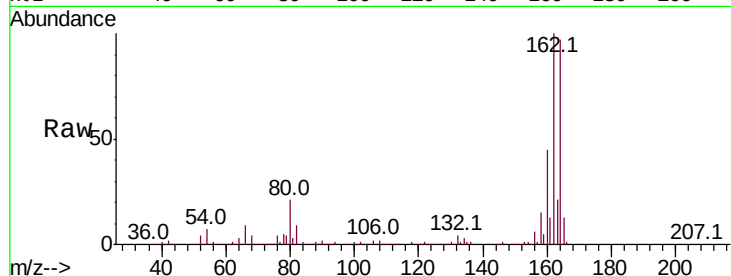
Tot Ion:164 Resp: 695445

Ion Ratio Lower Upper

164 100

162 102.7 80.6 121.0

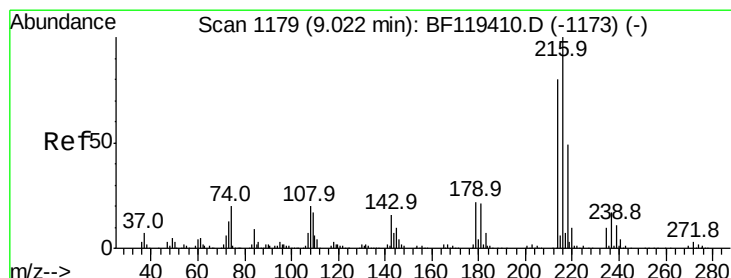
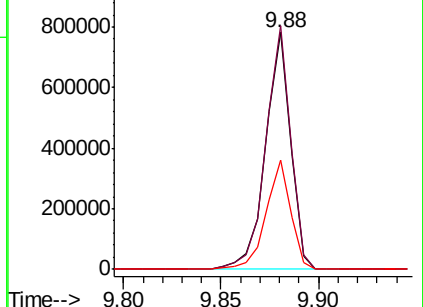
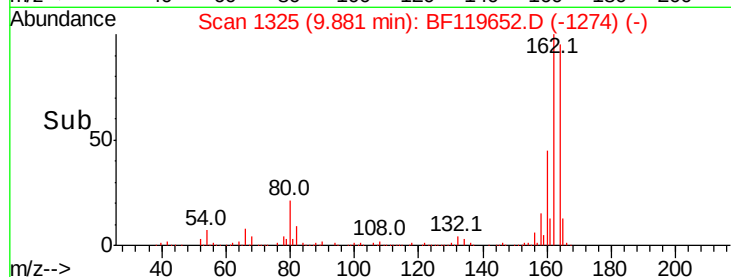
160 45.9 35.7 53.5



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: 44.455 ng

RT: 9.00 min Scan# 1176

Delta R.T. 0.01 min

Lab File: BF119652.D

Acq: 31 Mar 2020 15:27

Tgt Ion:216 Resp: 906166

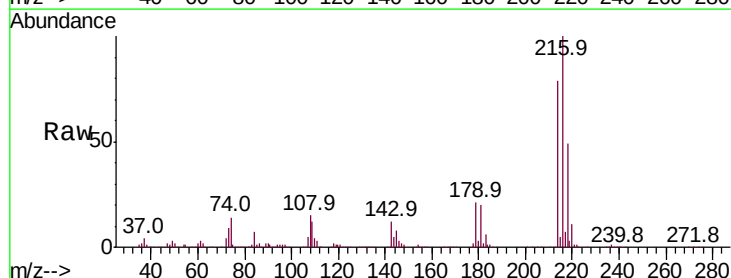
Ion Ratio Lower Upper

216 100

214 80.2 63.2 94.8

179 21.3 17.1 25.7

108 20.9 15.1 22.7

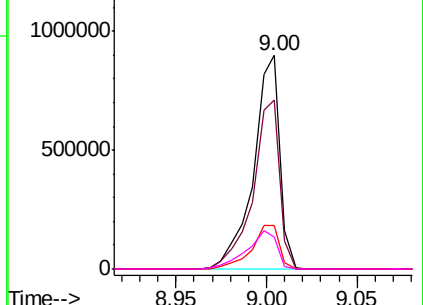
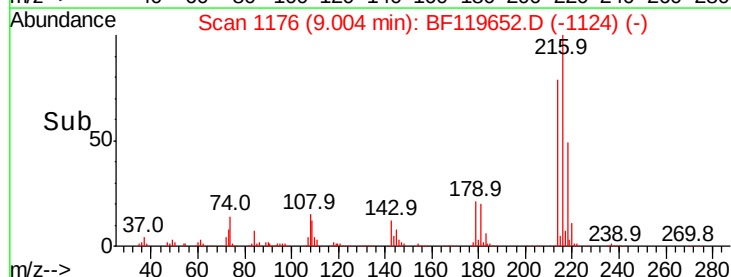


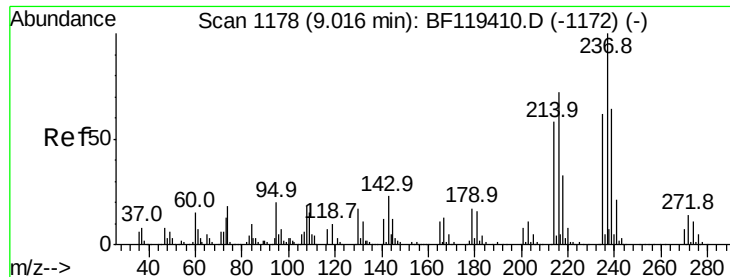
Abundance Ion 216.00 (215.70 to 216.70): E

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

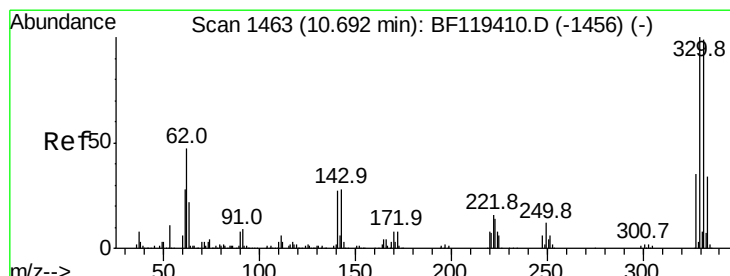
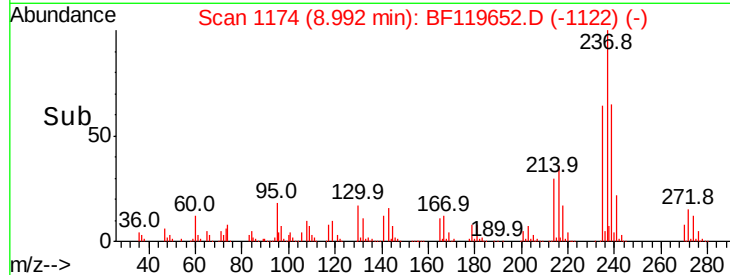
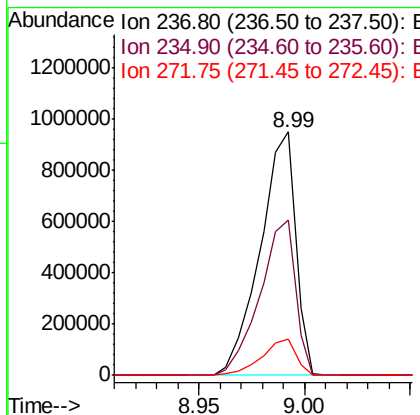
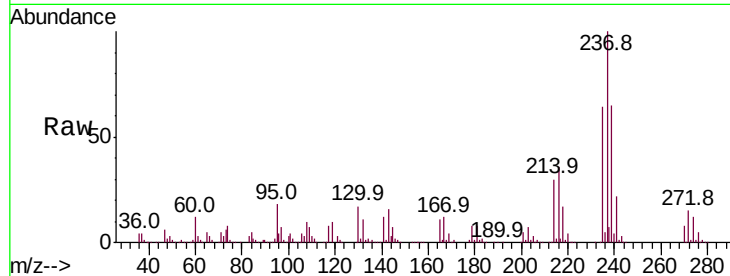




#41
 Hexachlorocyclopentadiene
 Concen: 95.783 ng
 RT: 8.99 min Scan# 1174
 Delta R.T. 0.01 min
 Lab File: BF119652.D
 Acq: 31 Mar 2020 15:27

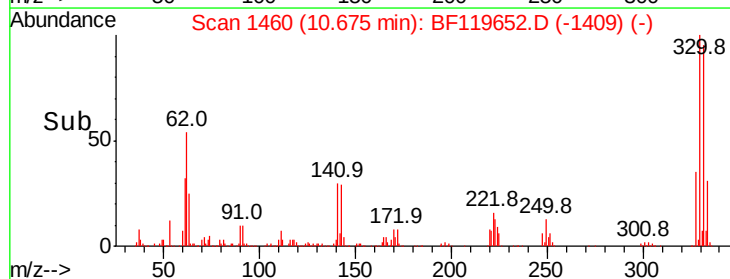
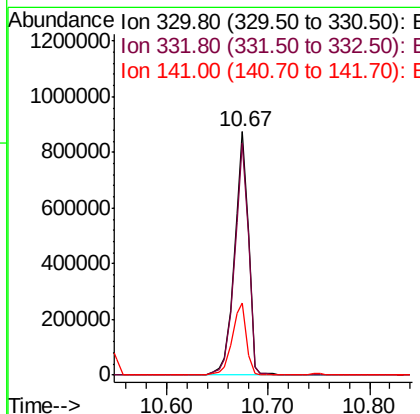
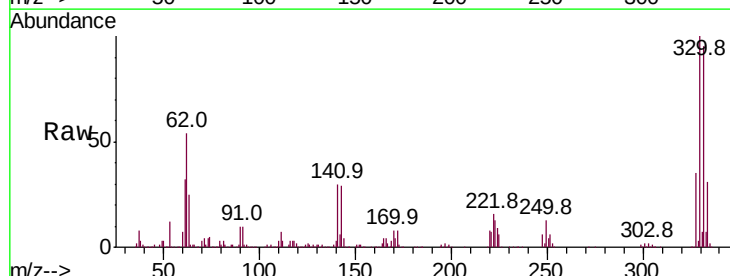
Instrument :
 BNA_F
 ClientSampleId :
 SB-6-(10-12)MSD

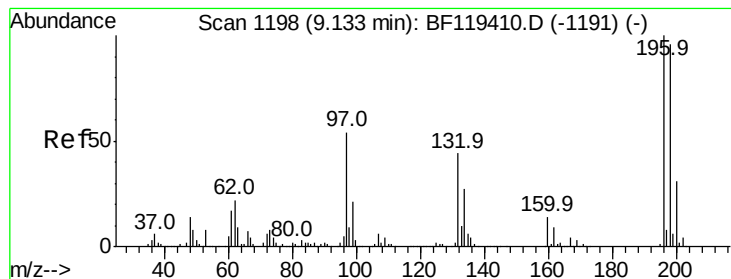
Tot Ion:237 Resp: 1109991
 Ion Ratio Lower Upper
 237 100
 235 63.5 43.2 83.2
 272 15.0 0.0 34.1



#42
 2,4,6-Tribromophenol
 Concen: 115.898 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. 0.00 min
 Lab File: BF119652.D
 Acq: 31 Mar 2020 15:27

Tgt Ion:330 Resp: 831529
 Ion Ratio Lower Upper
 330 100
 332 95.6 75.7 113.5
 141 30.3 25.4 38.0





#43

2,4,6-Trichlorophenol

Concen: 48.851 ng

RT: 9.11 min Scan# 1194

Delta R.T. 0.00 min

Lab File: BF119652.D

Acq: 31 Mar 2020 15:27

Instrument :

BNA_F

ClientSampleId :

SB-6-(10-12)MSD

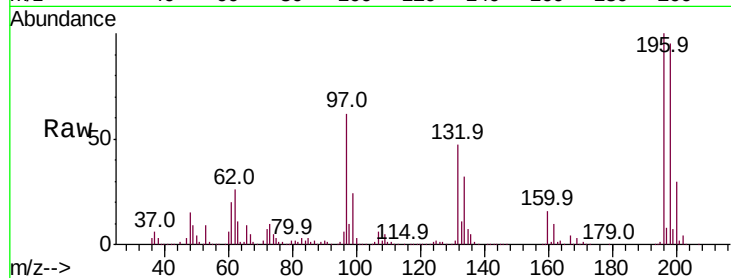
Tot Ion:196 Resp: 712598

Ion Ratio Lower Upper

196 100

198 94.9 76.6 115.0

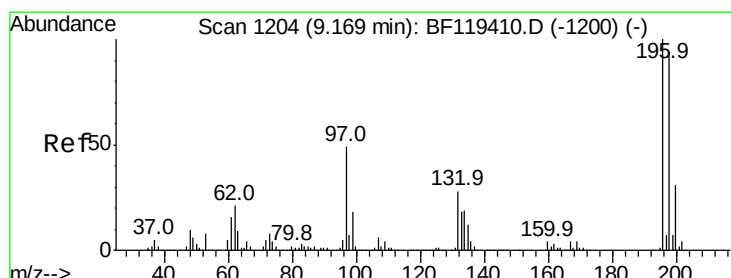
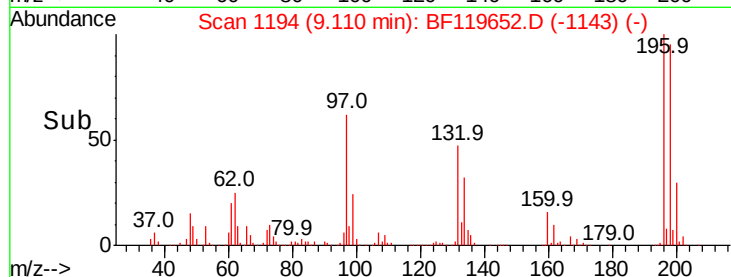
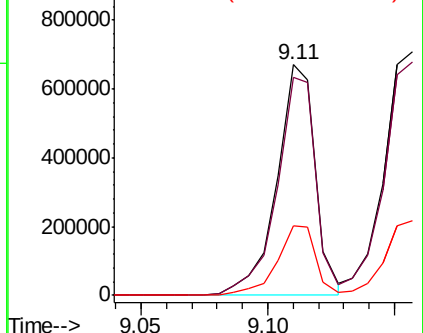
200 29.9 24.6 36.8



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 45.409 ng

RT: 9.16 min Scan# 1202

Delta R.T. 0.01 min

Lab File: BF119652.D

Acq: 31 Mar 2020 15:27

Tgt Ion:196 Resp: 742028

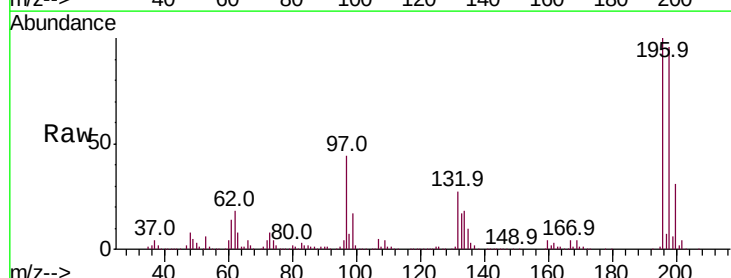
Ion Ratio Lower Upper

196 100

198 95.7 73.8 110.8

97 44.3 42.6 63.8

132 27.1 24.0 36.0

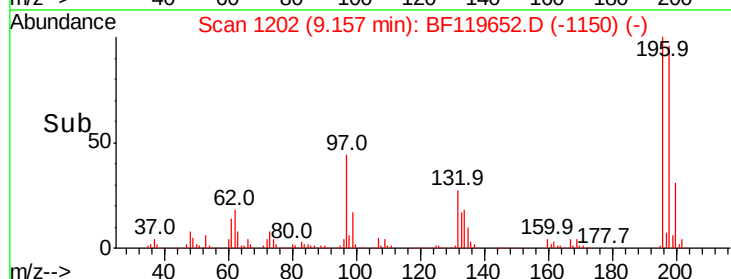
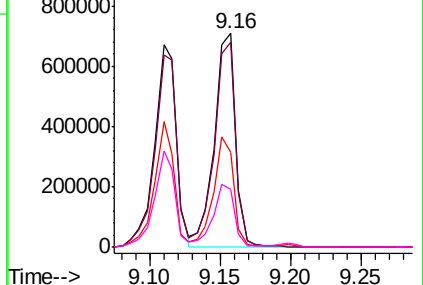


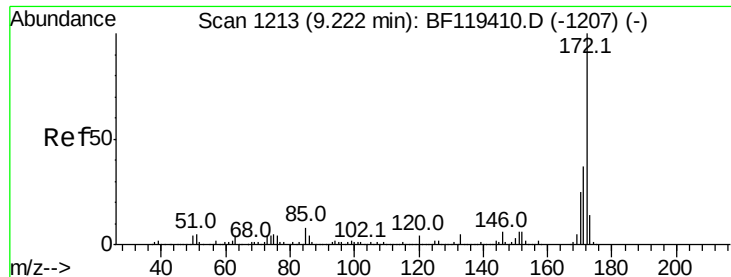
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

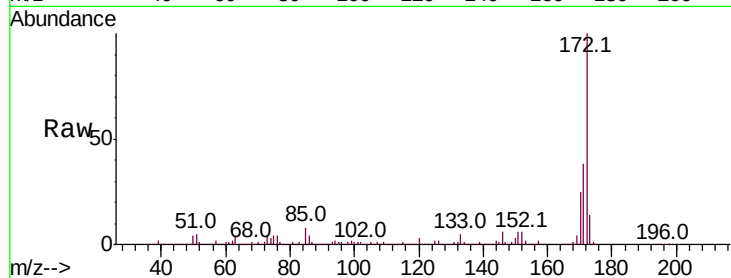




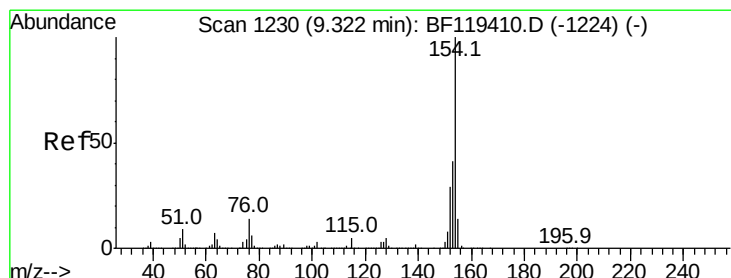
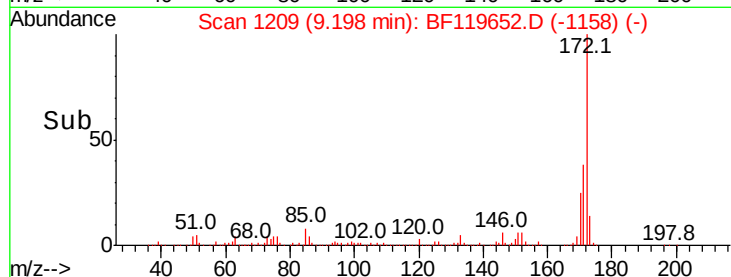
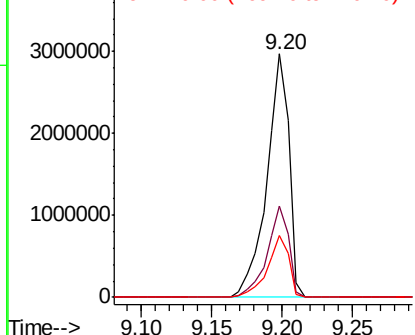
#45
2-Fluorobiphenyl
Concen: 69.886 ng
RT: 9.20 min Scan# 1209
Delta R.T. 0.00 min
Lab File: BF119652.D
Acq: 31 Mar 2020 15:27

Instrument :
BNA_F
ClientSampleId :
SB-6-(10-12)MSD

Tot Ion:172 Resp: 3280625
Ion Ratio Lower Upper
172 100
171 37.7 29.6 44.4
170 25.4 20.2 30.2

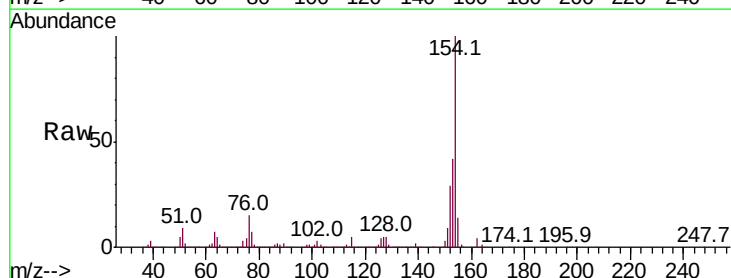


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

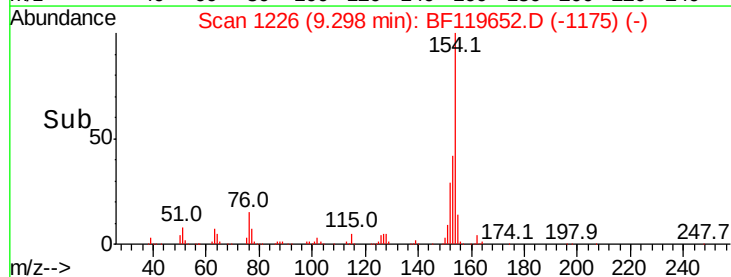
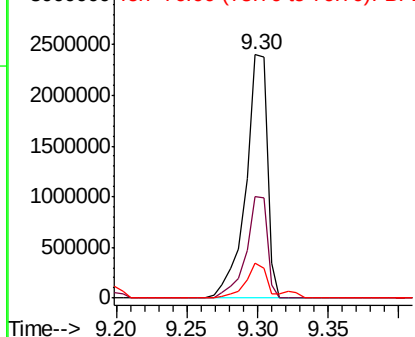


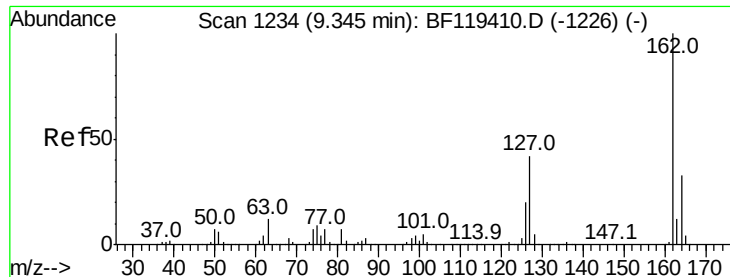
#46
1,1'-Biphenyl
Concen: 45.166 ng
RT: 9.30 min Scan# 1226
Delta R.T. 0.00 min
Lab File: BF119652.D
Acq: 31 Mar 2020 15:27

Tgt Ion:154 Resp: 2558221
Ion Ratio Lower Upper
154 100
153 41.6 21.4 61.4
76 14.5 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

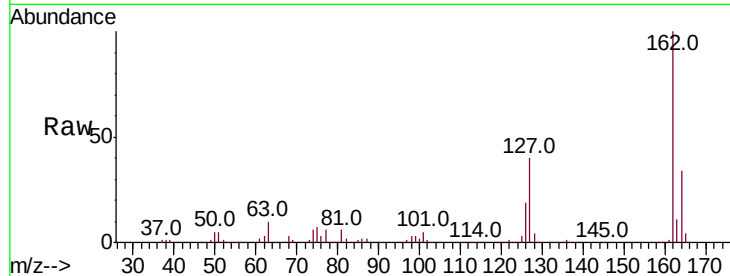




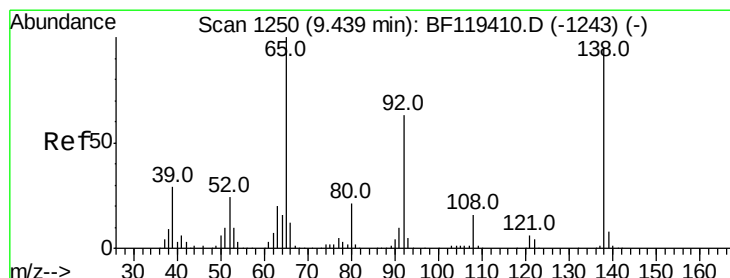
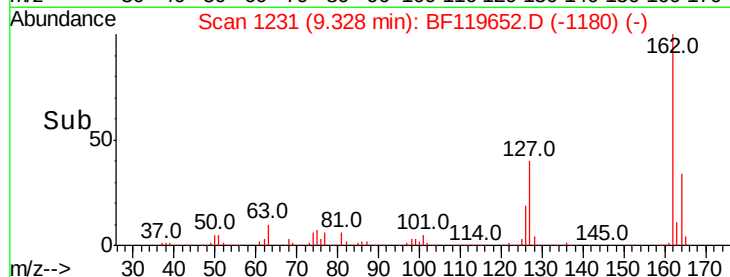
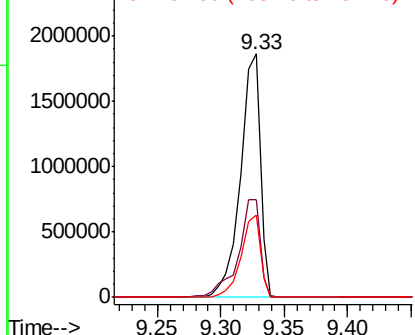
#47
2-Chloronaphthalene
Concen: 45.370 ng
RT: 9.33 min Scan# 1231
Delta R.T. 0.00 min
Lab File: BF119652.D
Acq: 31 Mar 2020 15:27

Instrument :
BNA_F
ClientSampleId :
SB-6-(10-12)MSD

Tot Ion:162 Resp: 2012915
Ion Ratio Lower Upper
162 100
127 40.3 33.7 50.5
164 33.7 26.3 39.5

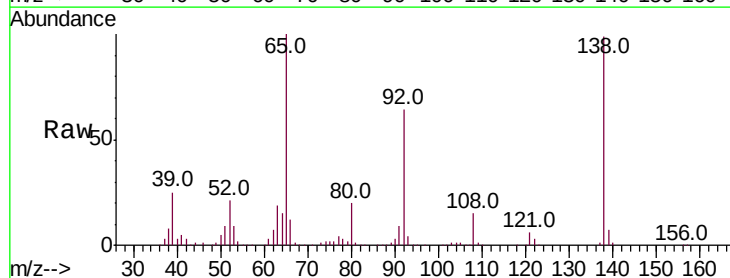


Abundance Ion 162.00 (161.70 to 162.70): E
2500000 Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

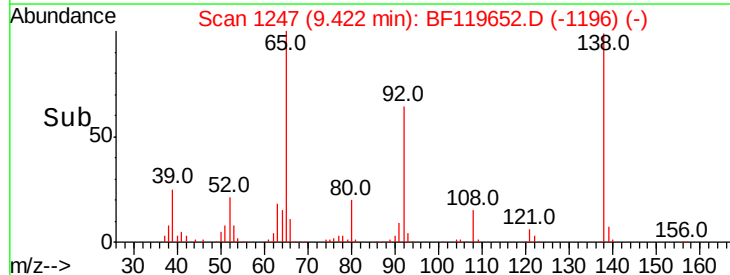
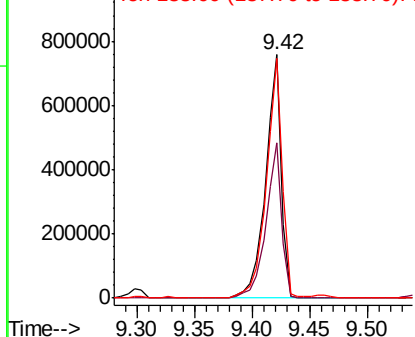


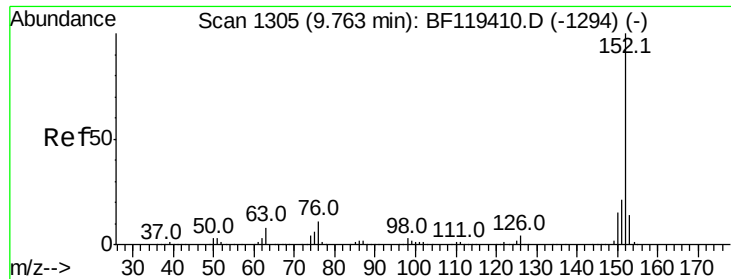
#48
2-Nitroaniline
Concen: 47.344 ng
RT: 9.42 min Scan# 1247
Delta R.T. 0.00 min
Lab File: BF119652.D
Acq: 31 Mar 2020 15:27

Tgt Ion: 65 Resp: 725026
Ion Ratio Lower Upper
65 100
92 64.0 50.0 75.0
138 98.7 75.0 112.4



Abundance Ion 65.00 (64.70 to 65.70): BF1
1000000 Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 44.569 ng

RT: 9.75 min Scan# 1302

Delta R.T. 0.01 min

Lab File: BF119652.D

Acq: 31 Mar 2020 15:27

Instrument :

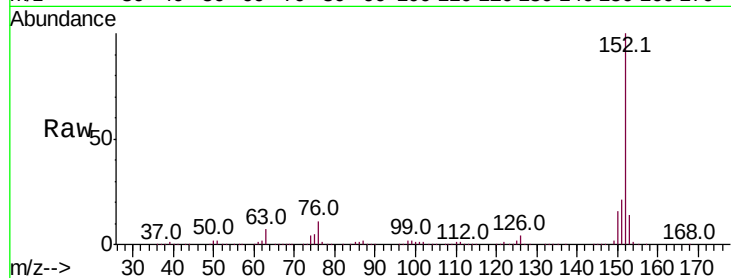
BNA_F

ClientSampleId :

SB-6-(10-12)MSD

Tot Ion:152 Resp: 3105257

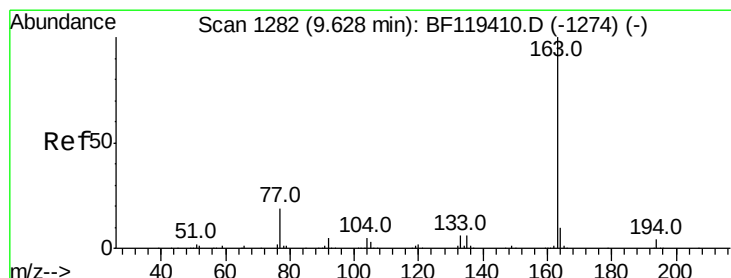
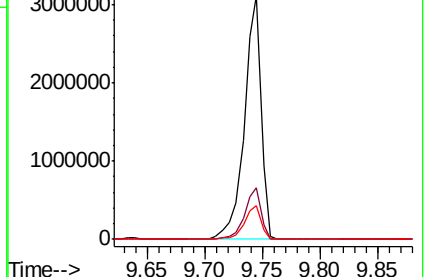
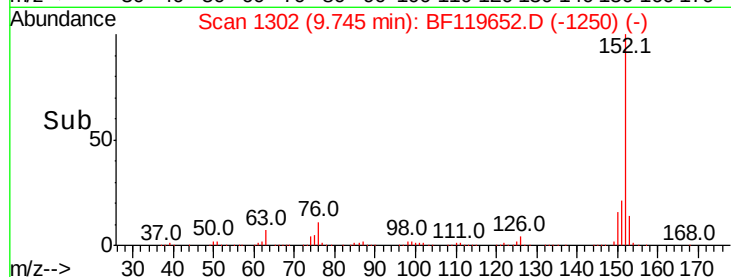
Ion	Ratio	Lower	Upper
152	100		
151	21.3	17.2	25.8
153	14.1	11.2	16.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 54.588 ng

RT: 9.61 min Scan# 1279

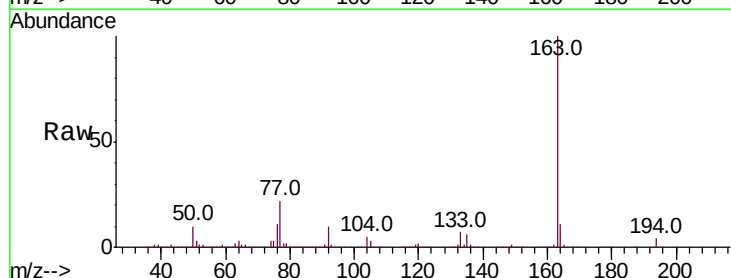
Delta R.T. 0.01 min

Lab File: BF119652.D

Acq: 31 Mar 2020 15:27

Tgt Ion:163 Resp: 2696521

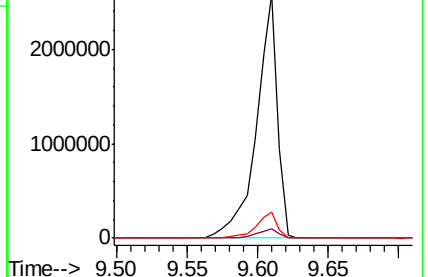
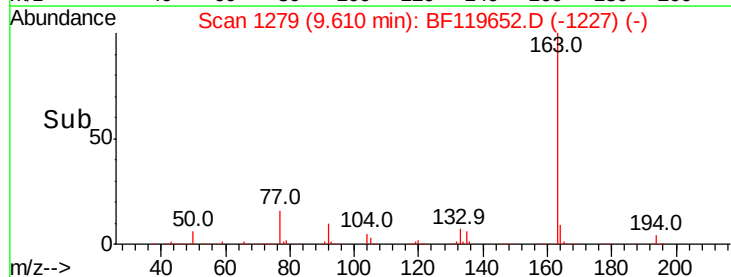
Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.1	4.7
164	10.9	8.2	12.2

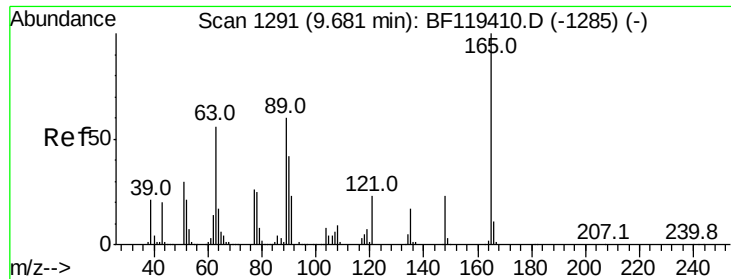


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

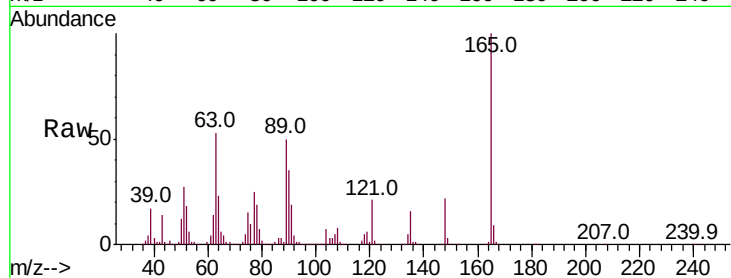




#51
 2,6-Dinitrotoluene
 Concen: 51.914 ng
 RT: 9.67 min Scan# 1289
 Delta R.T. 0.01 min
 Lab File: BF119652.D
 Acq: 31 Mar 2020 15:27

Instrument :
 BNA_F
 ClientSampleId :
 SB-6-(10-12)MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	52.9	45.0	67.4
89	50.3	41.5	62.3

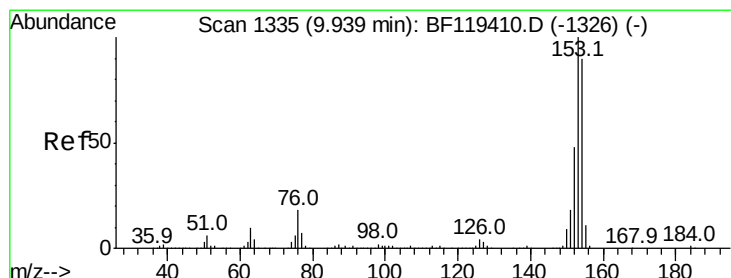
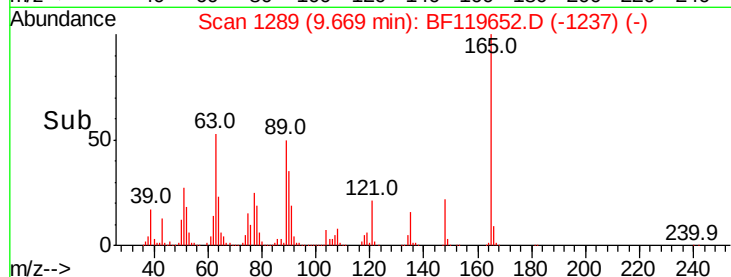
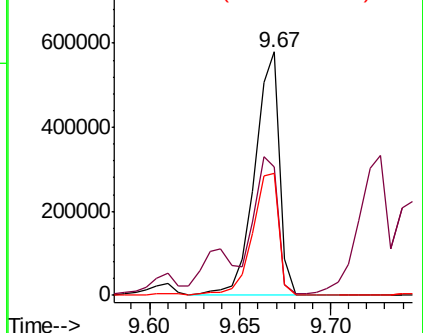


Abundance

Ion 165.00 (164.70 to 165.70): E

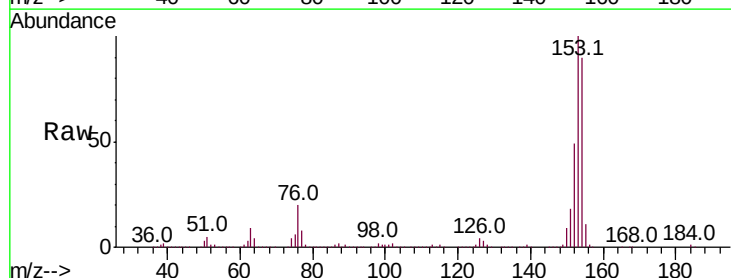
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52
 Acenaphthene
 Concen: 45.135 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.00 min
 Lab File: BF119652.D
 Acq: 31 Mar 2020 15:27

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.5	88.1	132.1
152	54.4	43.0	64.4

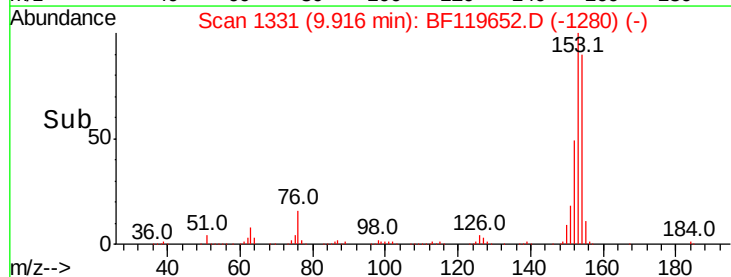
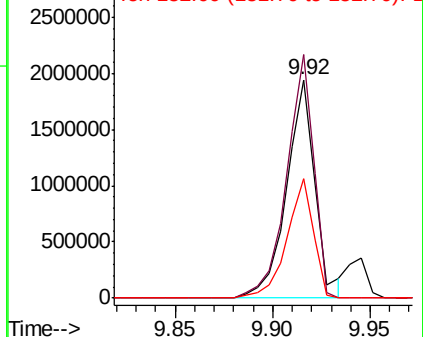


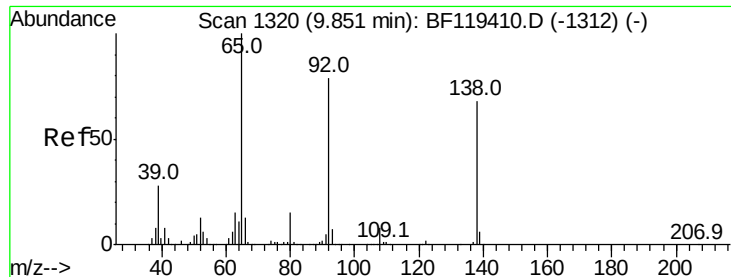
Abundance

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

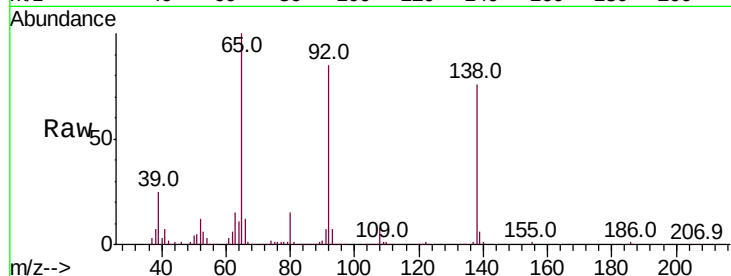




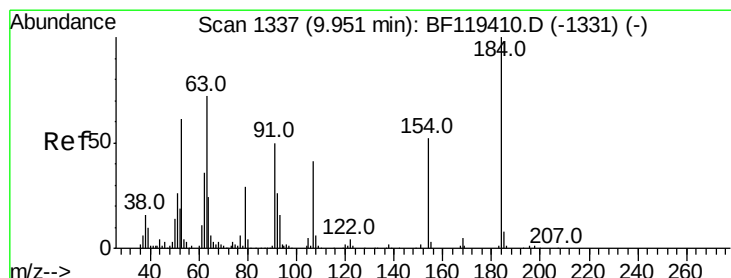
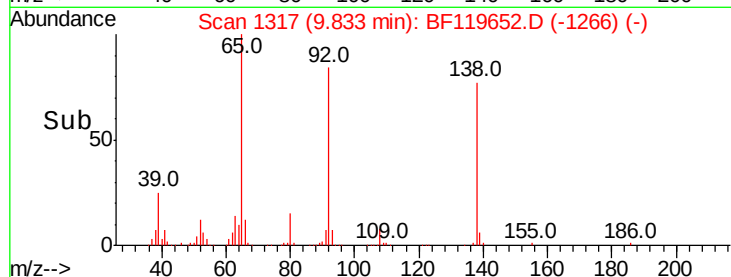
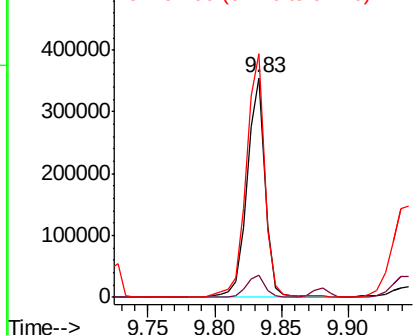
#53
3-Nitroaniline
Concen: 24.566 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BF119652.D
Acq: 31 Mar 2020 15:27

Instrument :
BNA_F
ClientSampleId :
SB-6-(10-12)MSD

Tot Ion:138 Resp: 328375
Ion Ratio Lower Upper
138 100
108 10.0 8.6 13.0
92 110.7 95.4 143.0

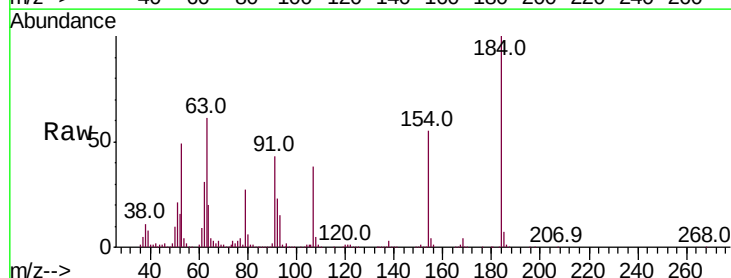


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

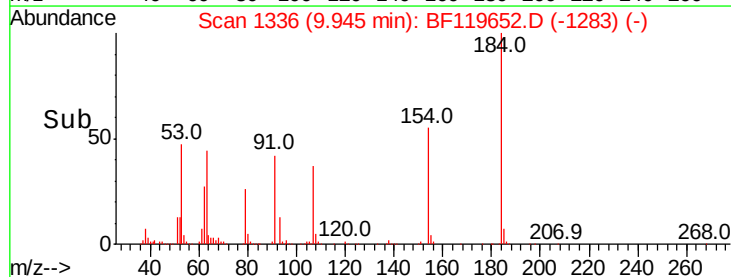
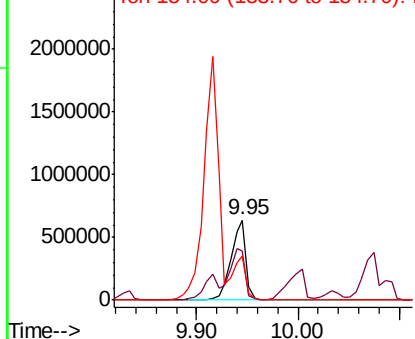


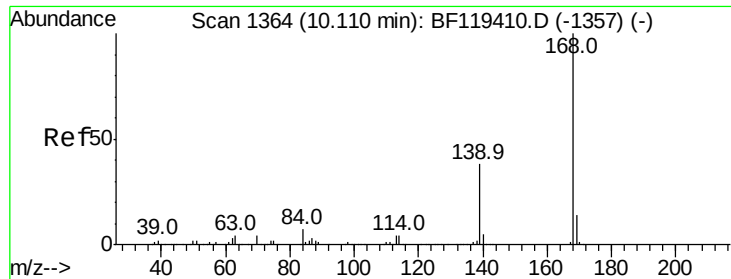
#54
2,4-Dinitrophenol
Concen: 135.780 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.01 min
Lab File: BF119652.D
Acq: 31 Mar 2020 15:27

Tgt Ion:184 Resp: 647635
Ion Ratio Lower Upper
184 100
63 60.7 50.2 75.4
154 55.1 44.5 66.7



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

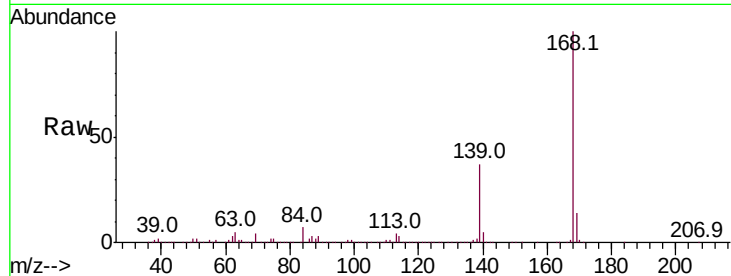




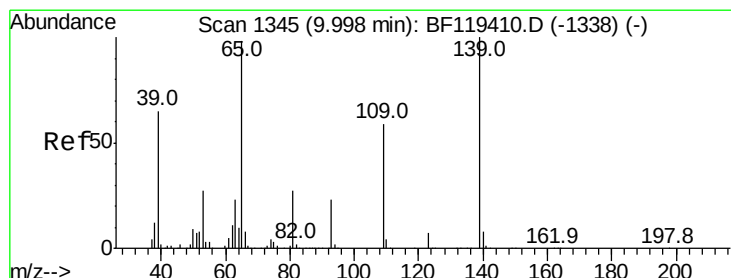
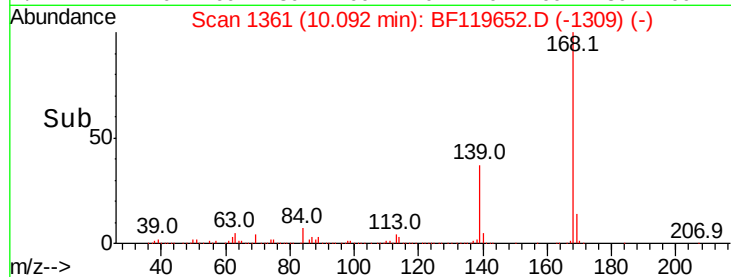
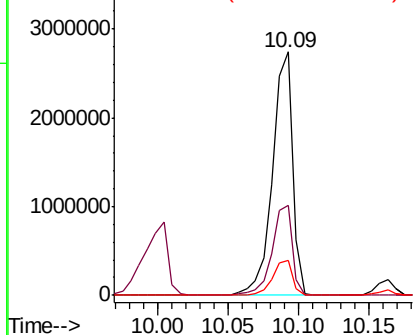
#55
Dibenzofuran
Concen: 44.334 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.01 min
Lab File: BF119652.D
Acq: 31 Mar 2020 15:27

Instrument :
BNA_F
ClientSampleId :
SB-6-(10-12)MSD

Tot Ion:168 Resp: 2760866
Ion Ratio Lower Upper
168 100
139 37.1 30.1 45.1
169 14.1 11.0 16.6

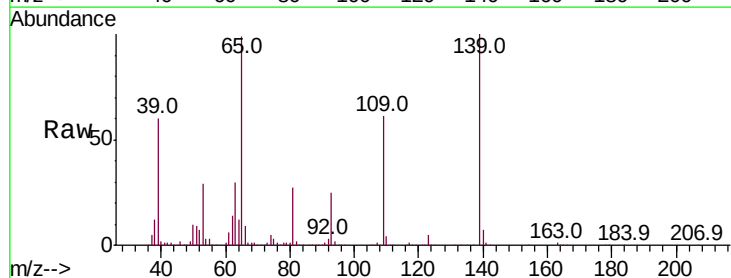


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

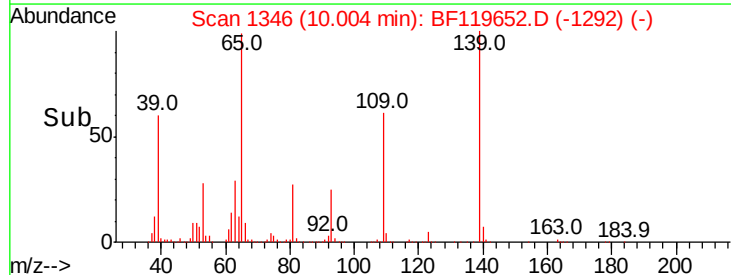
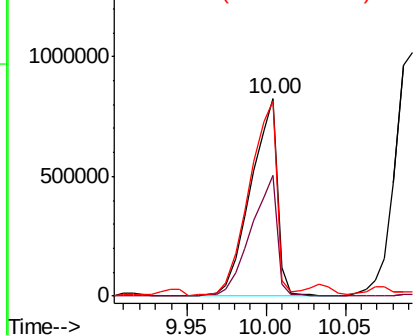


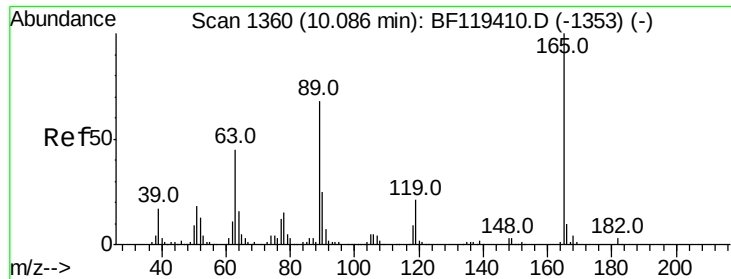
#56
4-Nitrophenol
Concen: 91.881 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.02 min
Lab File: BF119652.D
Acq: 31 Mar 2020 15:27

Tgt Ion:139 Resp: 968890
Ion Ratio Lower Upper
139 100
109 61.1 43.3 83.3
65 98.9 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: 54.223 ng

RT: 10.07 min Scan# 1358

Delta R.T. 0.01 min

Lab File: BF119652.D

Acq: 31 Mar 2020 15:27

Instrument :

BNA_F

ClientSampleId :

SB-6-(10-12)MSD

Tot Ion:165 Resp: 723235

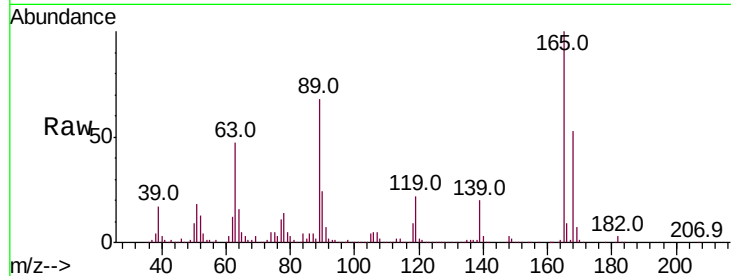
Ion Ratio Lower Upper

165 100

63 47.4 42.6 64.0

89 67.8 61.0 91.4

182 2.5 2.2 3.2

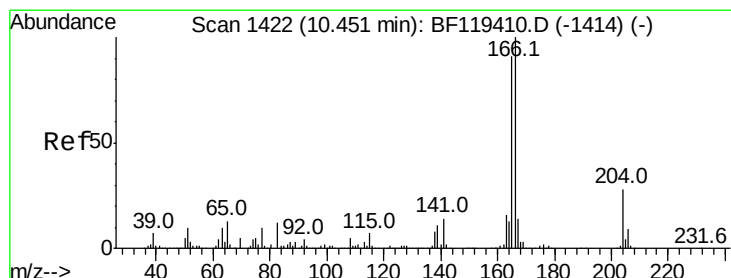
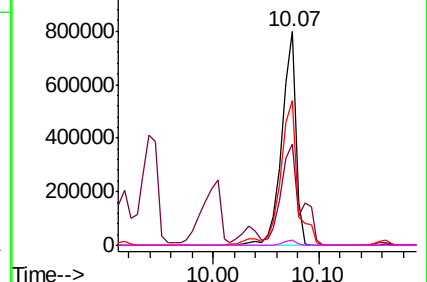
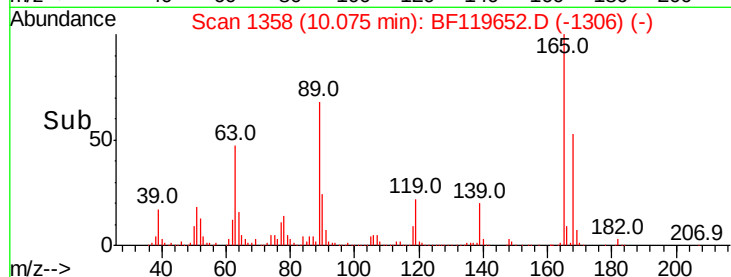


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 46.051 ng

RT: 10.43 min Scan# 1419

Delta R.T. 0.00 min

Lab File: BF119652.D

Acq: 31 Mar 2020 15:27

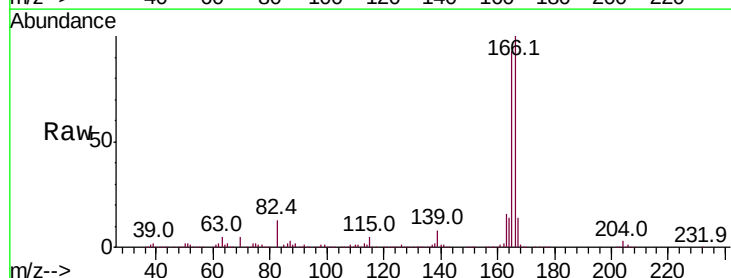
Tgt Ion:166 Resp: 2120708

Ion Ratio Lower Upper

166 100

165 93.5 75.4 113.2

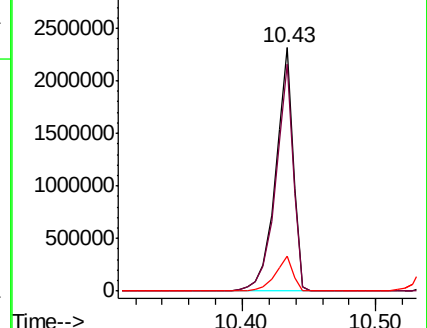
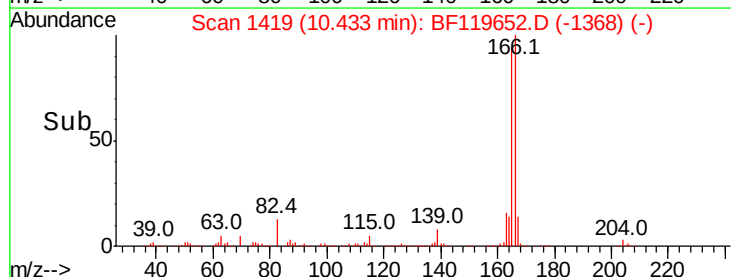
167 14.4 11.2 16.8

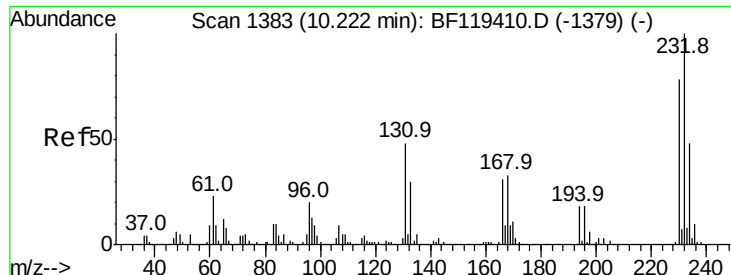


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

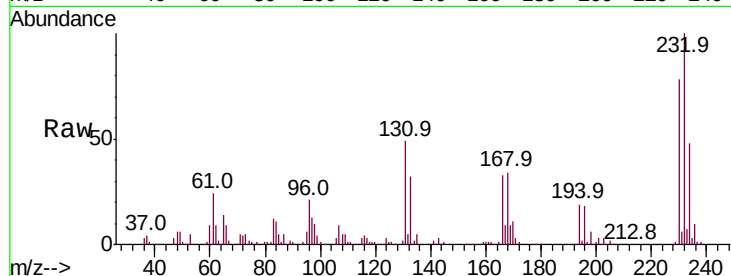




#59
2,3,4,6-Tetrachlorophenol
Concen: 51.146 ng
RT: 10.20 min Scan# 1380
Delta R.T. 0.00 min
Lab File: BF119652.D
Acq: 31 Mar 2020 15:27

Instrument :
BNA_F
ClientSampleId :
SB-6-(10-12)MSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.3	37.5	56.3
130	2.1	1.8	2.6
166	30.8	24.6	36.8



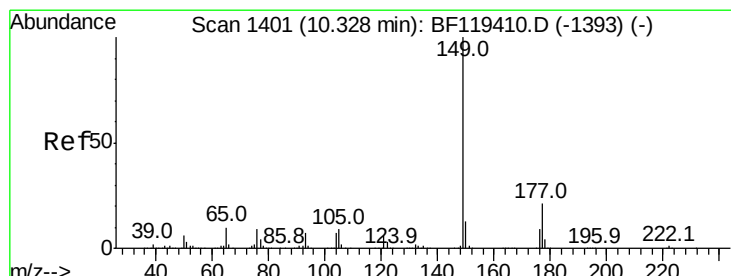
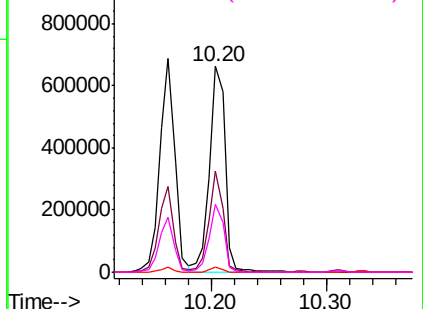
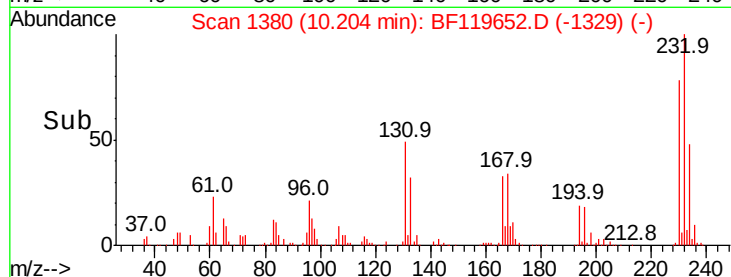
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

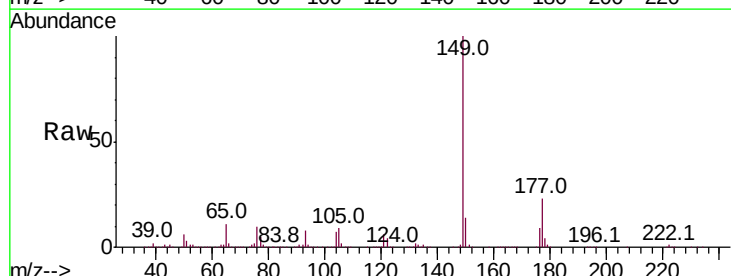
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 48.772 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.01 min
Lab File: BF119652.D
Acq: 31 Mar 2020 15:27

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.5	17.0	25.6
150	13.5	10.1	15.1

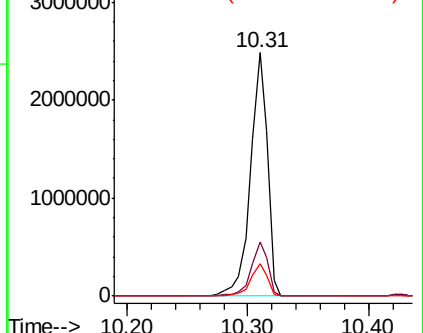
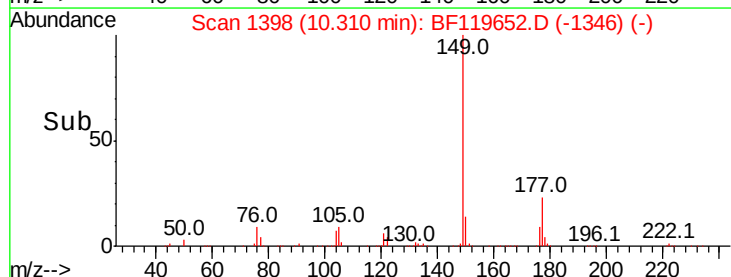


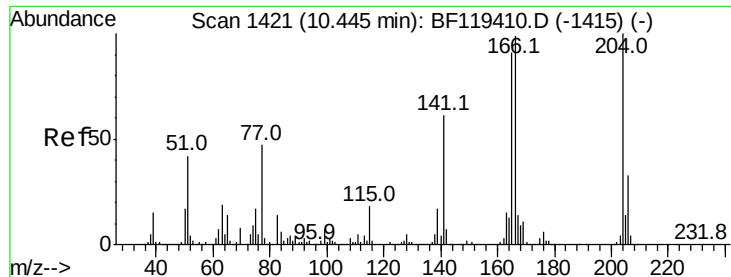
Abundance

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



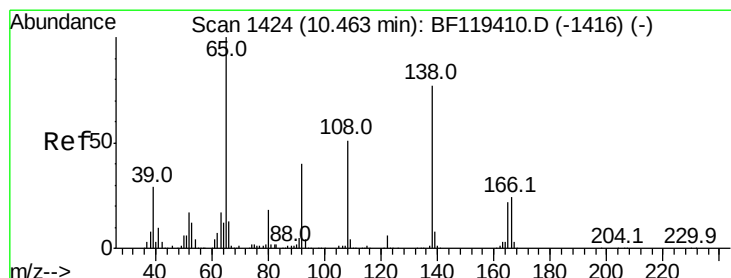
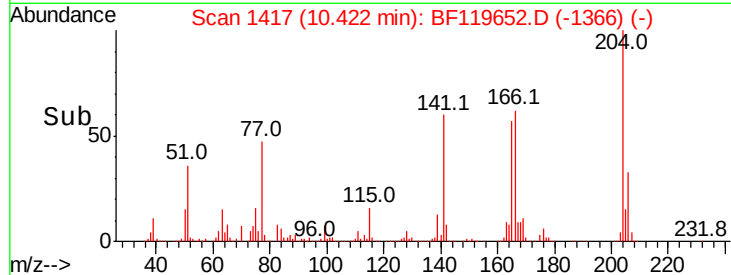
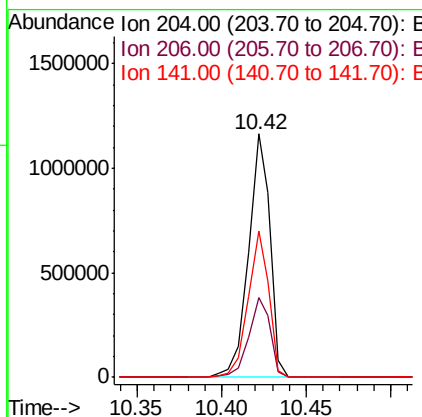
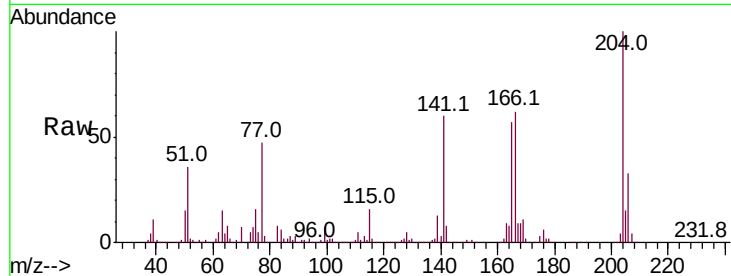


#61
 4-Chlorophenyl-phenylether
 Concen: 46.019 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. 0.00 min
 Lab File: BF119652.D
 Acq: 31 Mar 2020 15:27

Instrument :
 BNA_F
 ClientSampleId :
 SB-6-(10-12)MSD

Tot Ion:204 Resp: 1036330

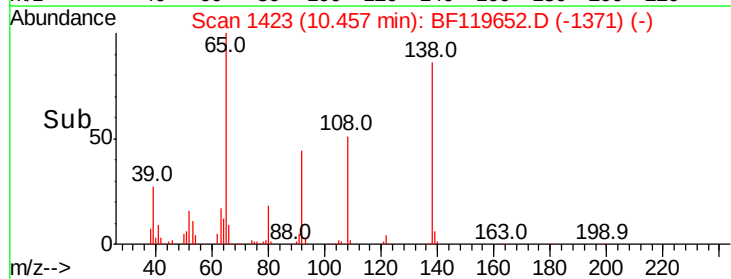
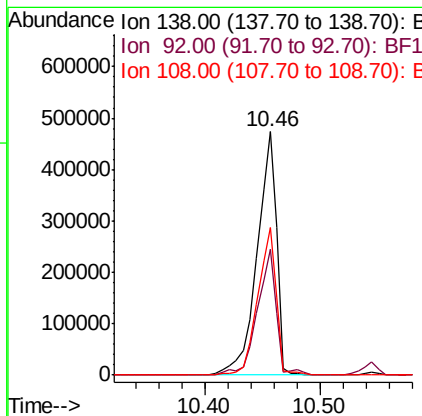
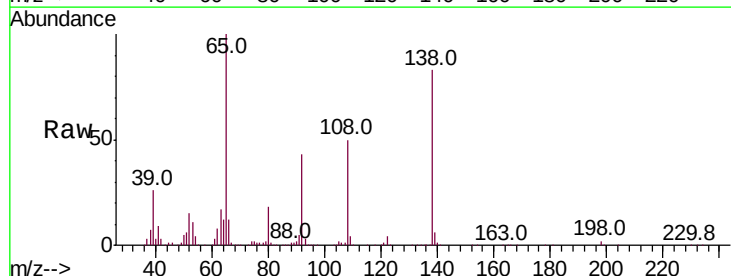
Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.7	40.1
141	60.3	47.3	70.9

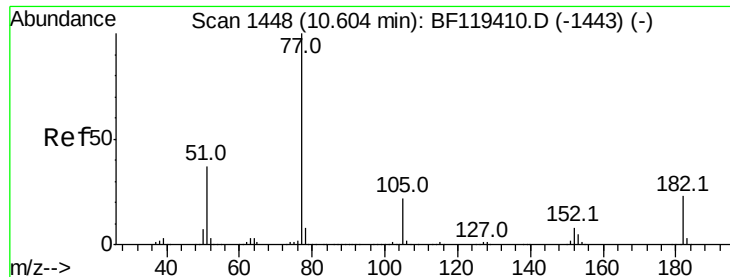


#62
 4-Nitroaniline
 Concen: 43.969 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. 0.01 min
 Lab File: BF119652.D
 Acq: 31 Mar 2020 15:27

Tgt Ion:138 Resp: 563615

Ion	Ratio	Lower	Upper
138	100		
92	51.5	31.5	71.5
108	60.4	45.8	85.8





#63

Azobenzene

Concen: 46.235 ng

RT: 10.59 min Scan# 1445

Delta R.T. 0.00 min

Lab File: BF119652.D

Acq: 31 Mar 2020 15:27

Instrument :

BNA_F

ClientSampleId :

SB-6-(10-12)MSD

Tot Ion: 77 Resp: 2334302

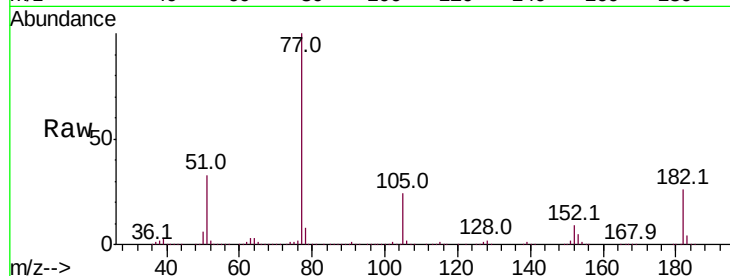
Ion Ratio Lower Upper

77 100

182 26.0 4.4 44.4

105 24.1 2.6 42.6

51 32.7 15.1 55.1

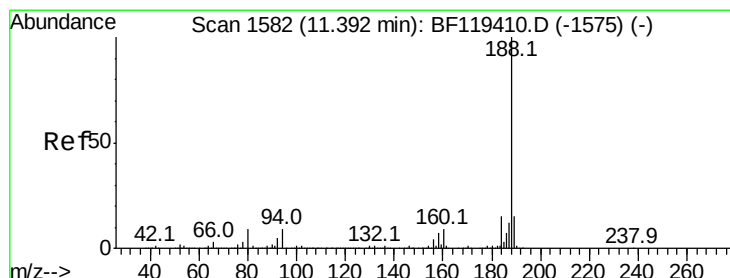
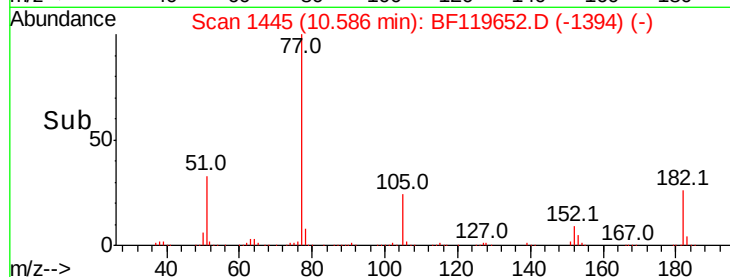
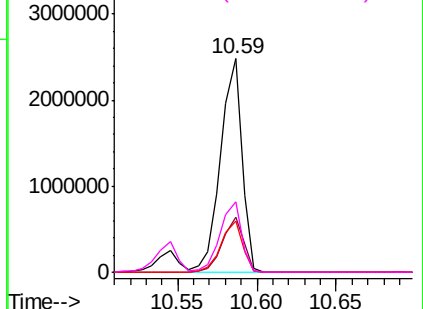


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.37 min Scan# 1578

Delta R.T. 0.00 min

Lab File: BF119652.D

Acq: 31 Mar 2020 15:27

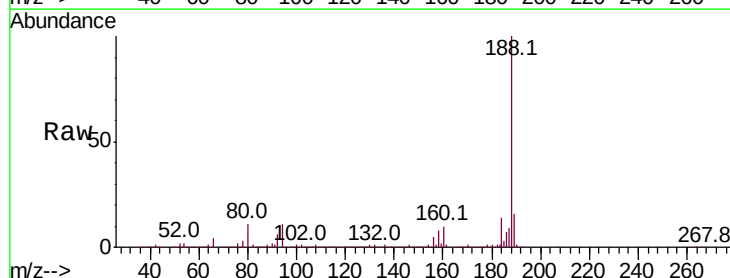
Tgt Ion: 188 Resp: 1348667

Ion Ratio Lower Upper

188 100

94 10.6 7.5 11.3

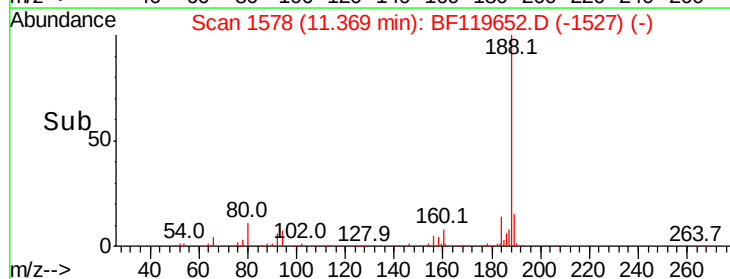
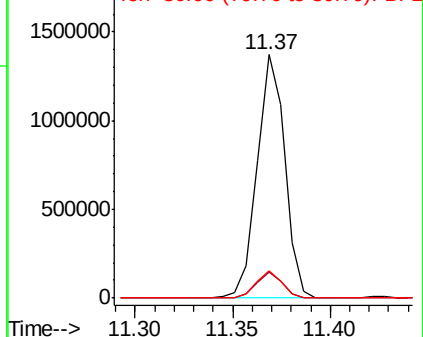
80 11.1 9.0 13.4

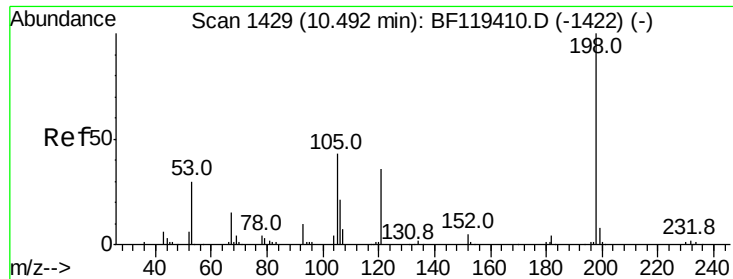


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

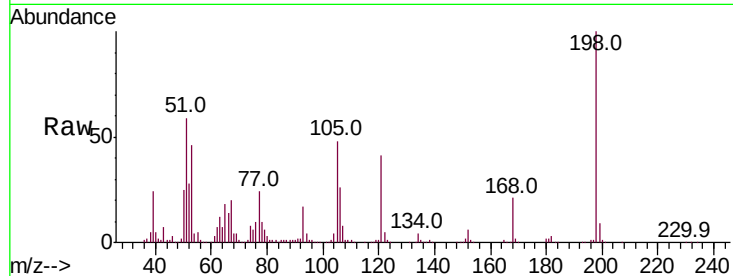




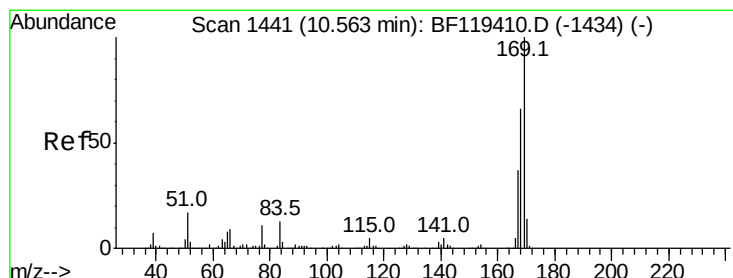
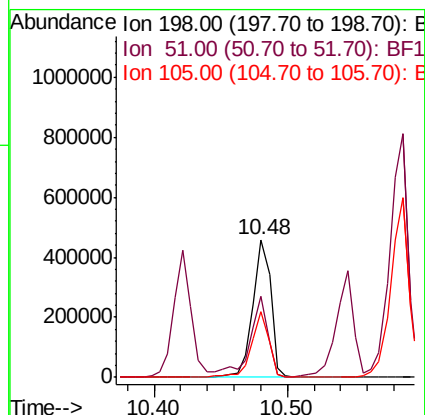
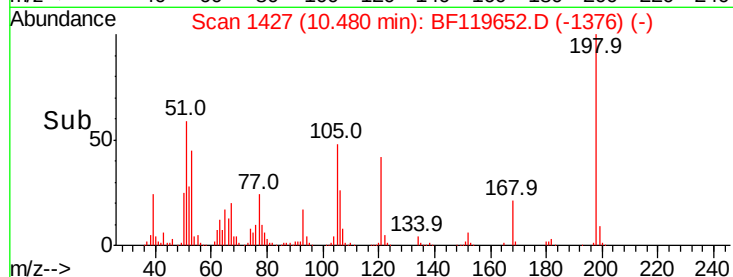
#65
 4,6-Dinitro-2-methylphenol
 Concen: 74.469 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. 0.00 min
 Lab File: BF119652.D
 Acq: 31 Mar 2020 15:27

Instrument :
 BNA_F
 ClientSampleId :
 SB-6-(10-12)MSD

Tot Ion:198 Resp: 421144
 Ion Ratio Lower Upper
 198 100
 51 59.2 29.0 69.0
 105 48.0 22.2 62.2

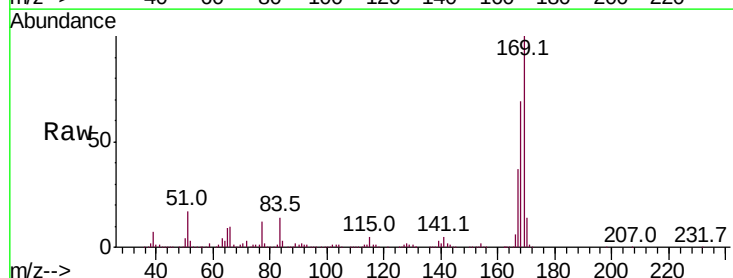


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

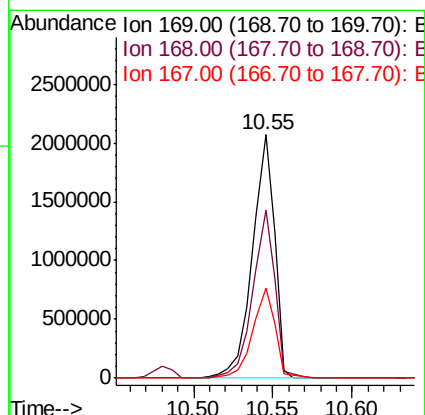
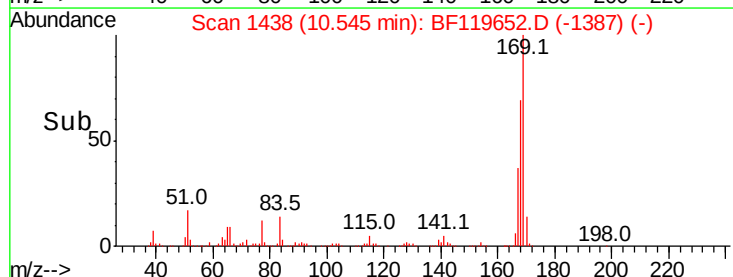


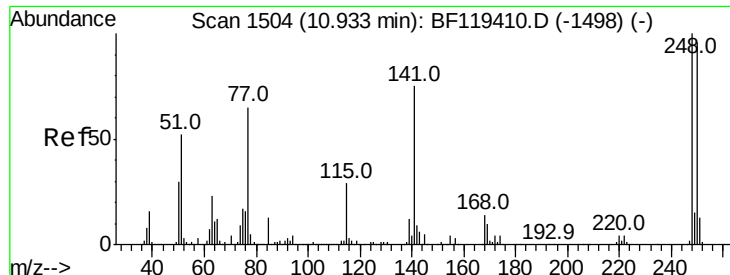
#66
 n-Nitrosodiphenylamine
 Concen: 45.167 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. 0.00 min
 Lab File: BF119652.D
 Acq: 31 Mar 2020 15:27

Tgt Ion:169 Resp: 1999749
 Ion Ratio Lower Upper
 169 100
 168 68.8 53.2 79.8
 167 37.1 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

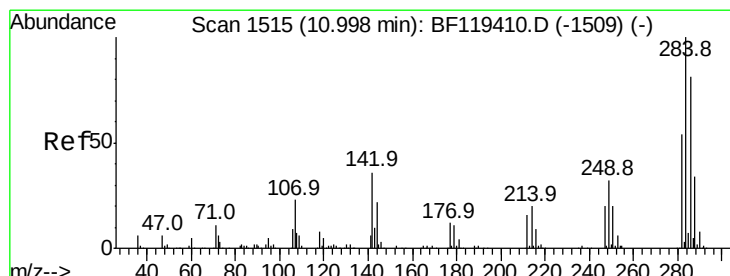
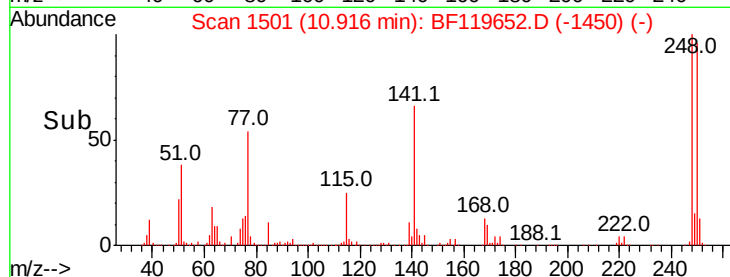
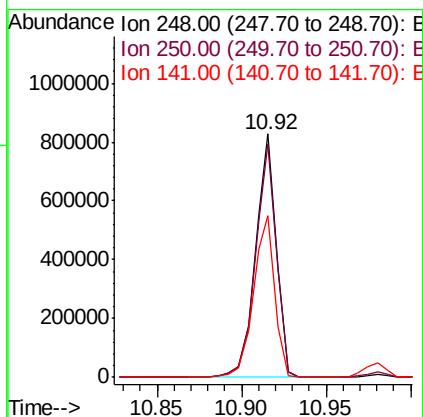
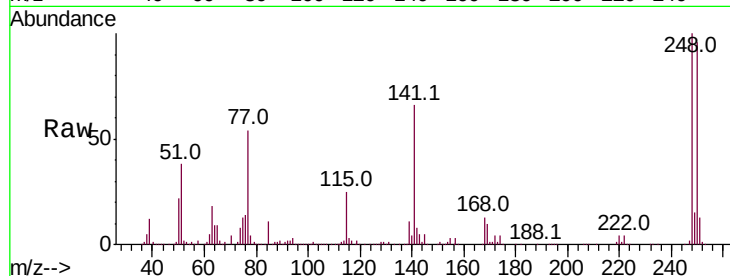




#67
 4-Bromophenyl-phenylether
 Concen: 46.179 ng
 RT: 10.92 min Scan# 1501
 Delta R.T. 0.00 min
 Lab File: BF119652.D
 Acq: 31 Mar 2020 15:27

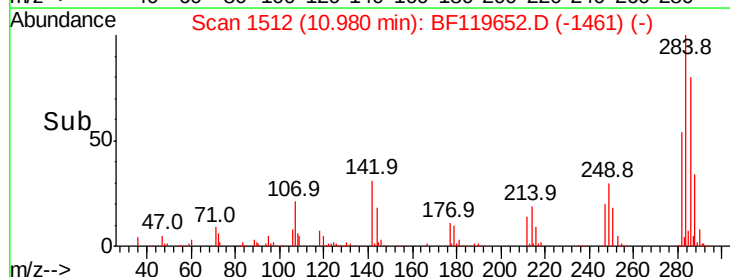
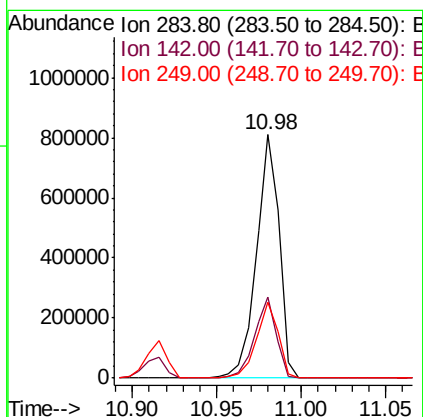
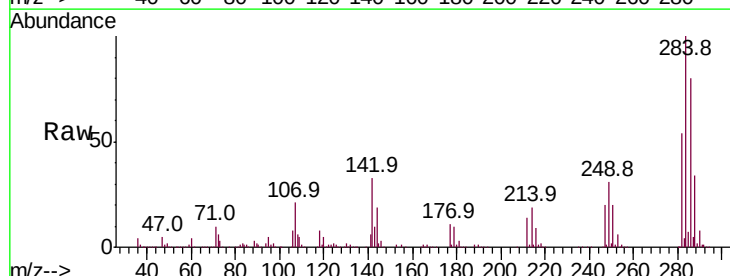
Instrument :
 BNA_F
 ClientSampleId :
 SB-6-(10-12)MSD

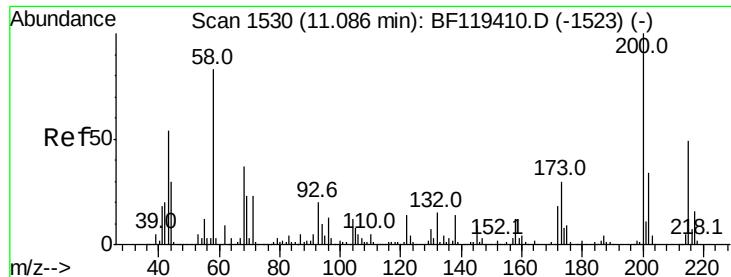
Tot Ion:248 Resp: 709289
 Ion Ratio Lower Upper
 248 100
 250 95.9 77.3 115.9
 141 66.2 58.6 87.8



#68
 Hexachlorobenzene
 Concen: 48.095 ng
 RT: 10.98 min Scan# 1512
 Delta R.T. 0.00 min
 Lab File: BF119652.D
 Acq: 31 Mar 2020 15:27

Tgt Ion:284 Resp: 756064
 Ion Ratio Lower Upper
 284 100
 142 33.1 29.2 43.8
 249 31.2 25.1 37.7





#69

Atrazine

Concen: 52.923 ng

RT: 11.07 min Scan# 1528

Delta R.T. 0.00 min

Lab File: BF119652.D

Acq: 31 Mar 2020 15:27

Instrument :

BNA_F

ClientSampleId :

SB-6-(10-12)MSD

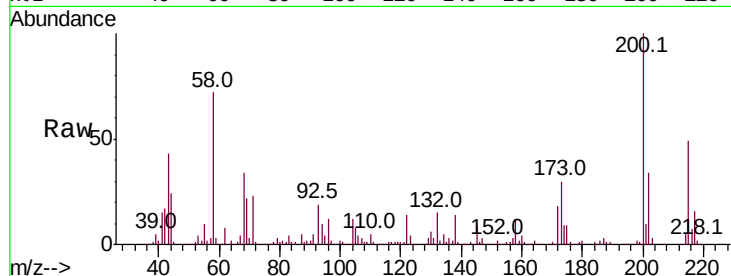
Tot Ion:200 Resp: 642371

Ion Ratio Lower Upper

200 100

173 29.5 9.3 49.3

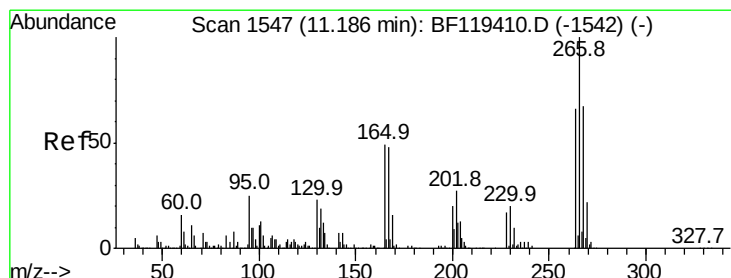
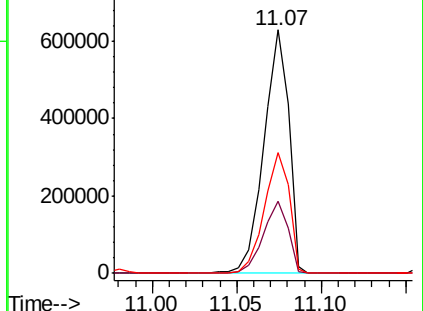
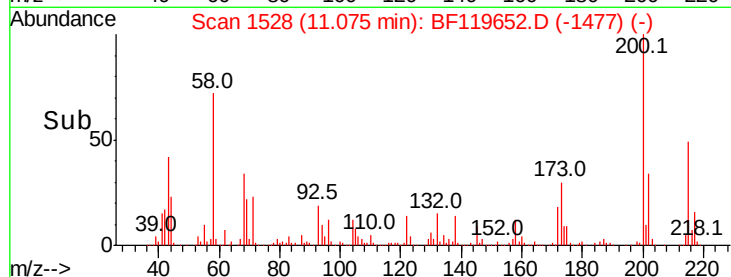
215 49.5 29.5 69.5



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: 93.979 ng

RT: 11.17 min Scan# 1545

Delta R.T. 0.01 min

Lab File: BF119652.D

Acq: 31 Mar 2020 15:27

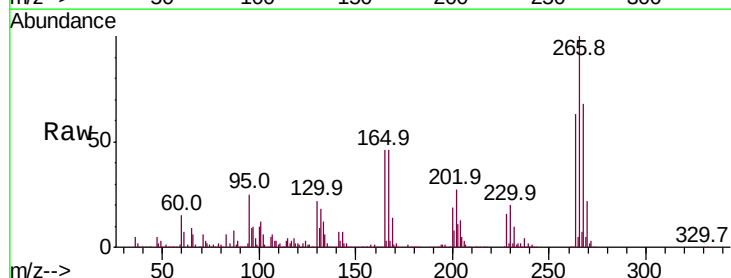
Tgt Ion:266 Resp: 866264

Ion Ratio Lower Upper

266 100

268 67.6 53.3 79.9

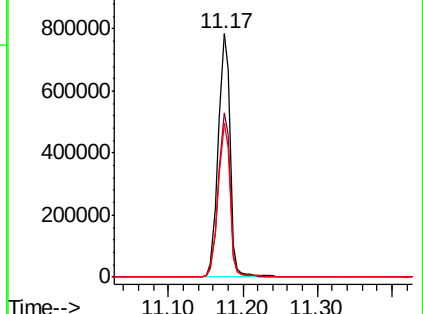
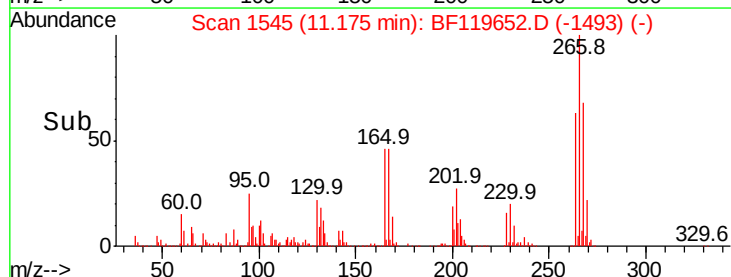
264 63.4 49.0 73.4

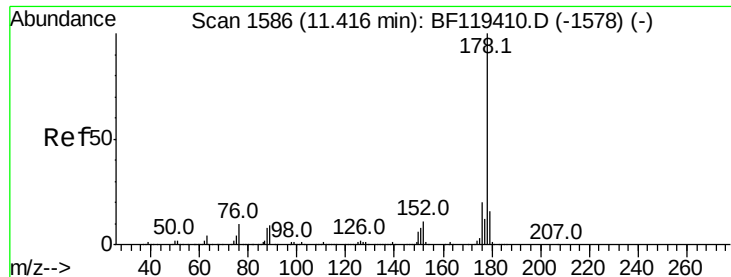


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 43.376 ng

RT: 11.40 min Scan# 1583

Delta R.T. 0.00 min

Lab File: BF119652.D

Acq: 31 Mar 2020 15:27

Instrument :

BNA_F

ClientSampleId :

SB-6-(10-12)MSD

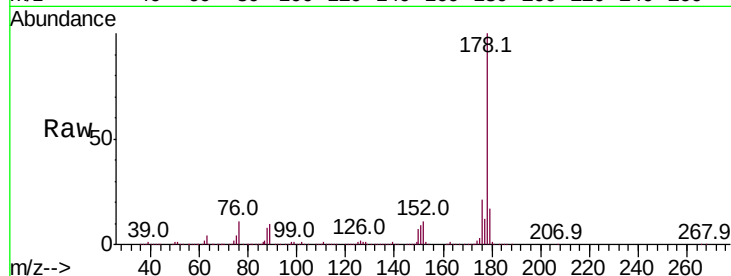
Tot Ion:178 Resp: 3033334

Ion Ratio Lower Upper

178 100

176 20.9 16.2 24.4

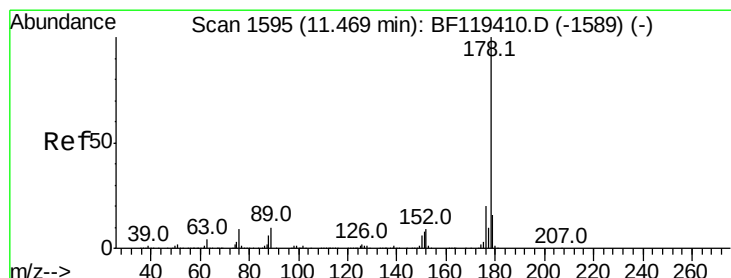
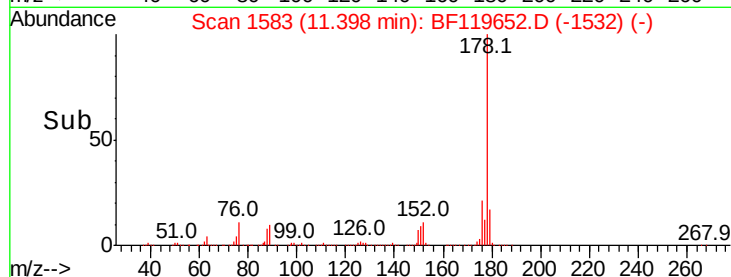
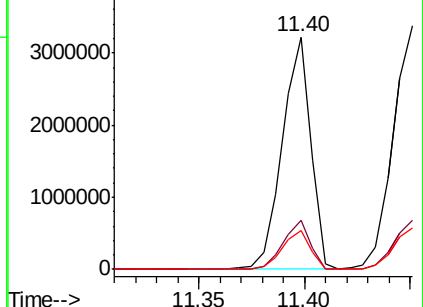
179 16.6 13.2 19.8



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: 44.273 ng

RT: 11.45 min Scan# 1592

Delta R.T. 0.01 min

Lab File: BF119652.D

Acq: 31 Mar 2020 15:27

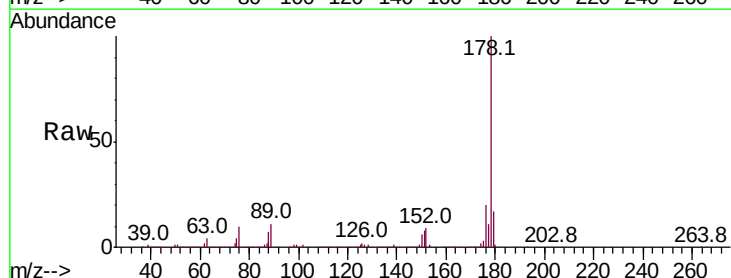
Tgt Ion:178 Resp: 3146704

Ion Ratio Lower Upper

178 100

176 20.4 16.1 24.1

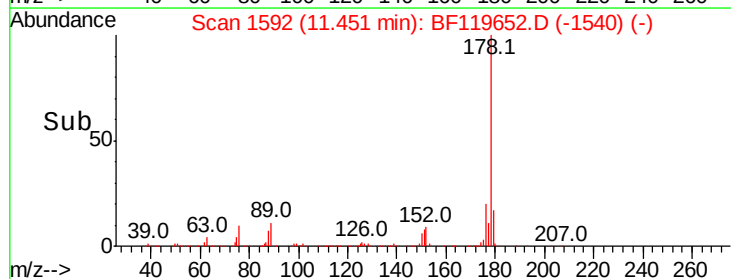
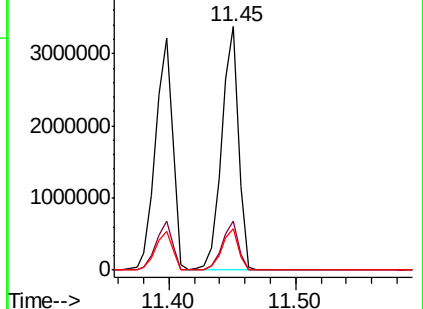
179 16.8 13.0 19.4

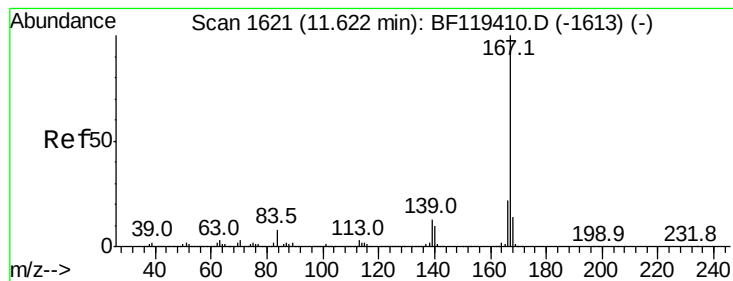


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 41.899 ng

RT: 11.60 min Scan# 1618

Delta R.T. 0.01 min

Lab File: BF119652.D

Acq: 31 Mar 2020 15:27

Instrument :

BNA_F

ClientSampleId :

SB-6-(10-12)MSD

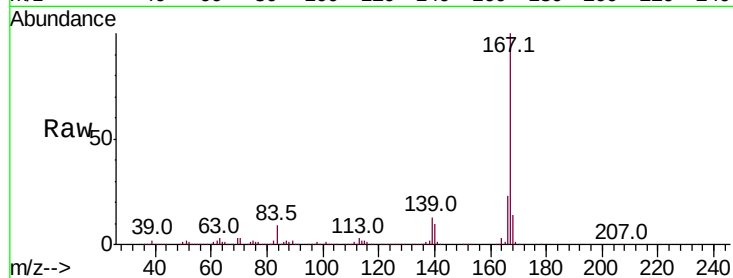
Tot Ion:167 Resp: 2947566

Ion Ratio Lower Upper

167 100

166 22.7 18.2 27.4

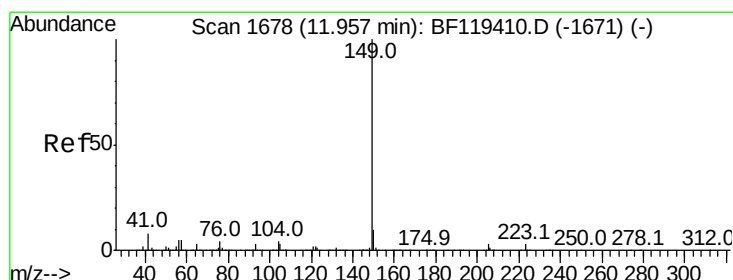
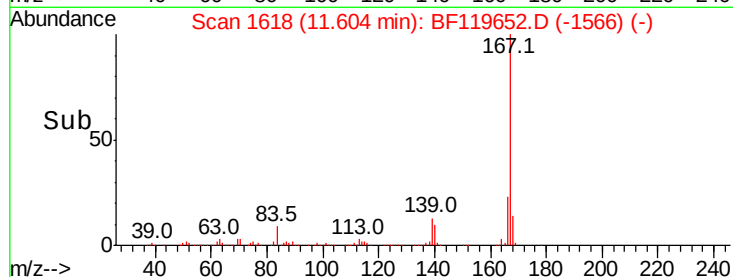
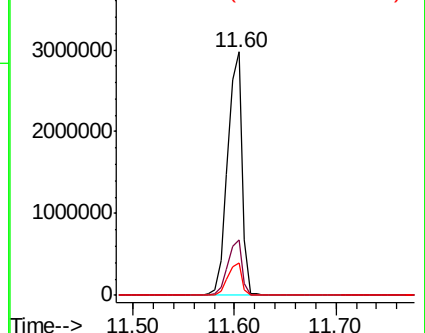
139 13.3 10.7 16.1



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 50.114 ng

RT: 11.94 min Scan# 1675

Delta R.T. 0.01 min

Lab File: BF119652.D

Acq: 31 Mar 2020 15:27

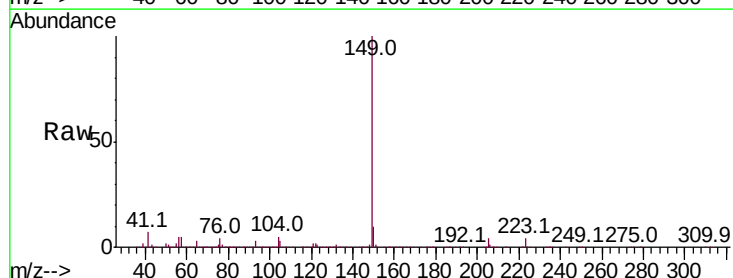
Tgt Ion:149 Resp: 3771365

Ion Ratio Lower Upper

149 100

150 10.4 7.8 11.8

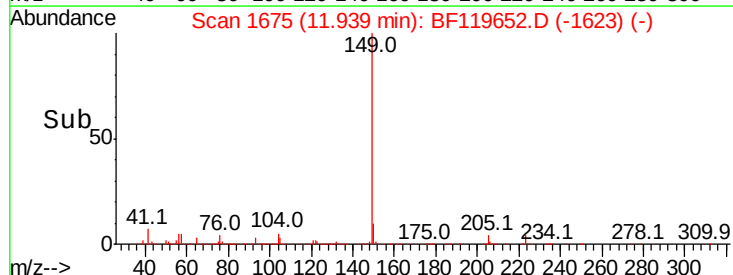
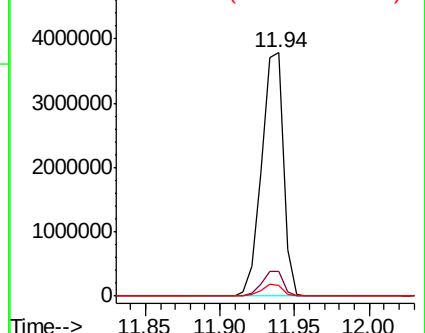
104 4.6 3.6 5.4

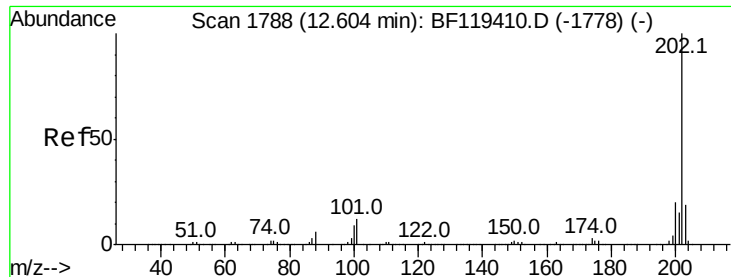


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



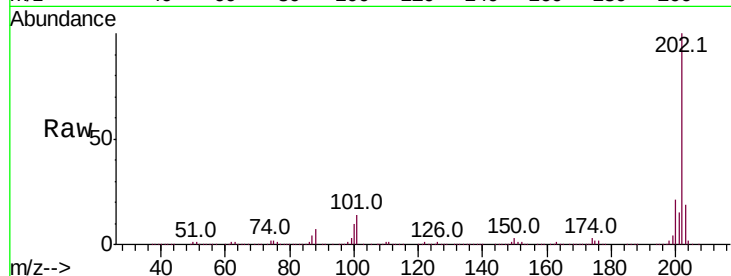


#75
 Fluoranthene
 Concen: 44.481 ng
 RT: 12.59 min Scan# 1785
 Delta R.T. 0.00 min
 Lab File: BF119652.D
 Acq: 31 Mar 2020 15:27

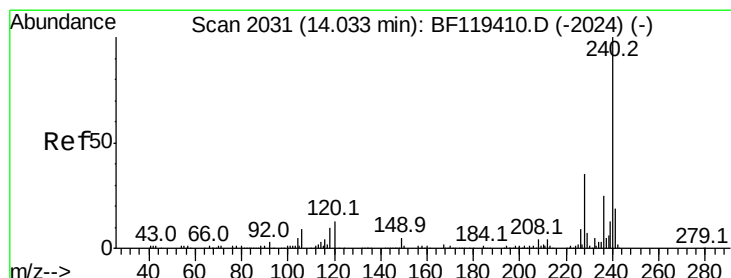
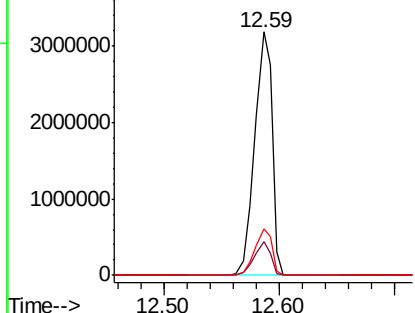
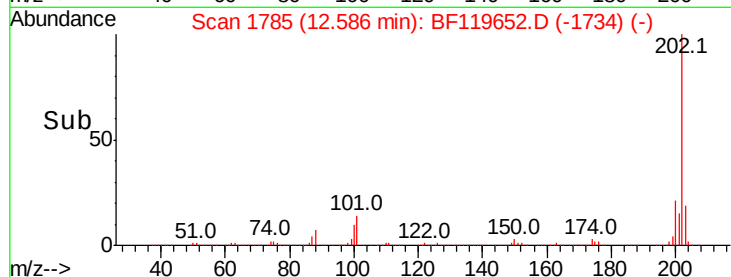
Instrument :
 BNA_F
 ClientSampleId :
 SB-6-(10-12)MSD

Tot Ion:202 Resp: 3366452

Ion	Ratio	Lower	Upper
202	100		
101	13.9	0.0	32.2
203	19.0	0.0	38.8



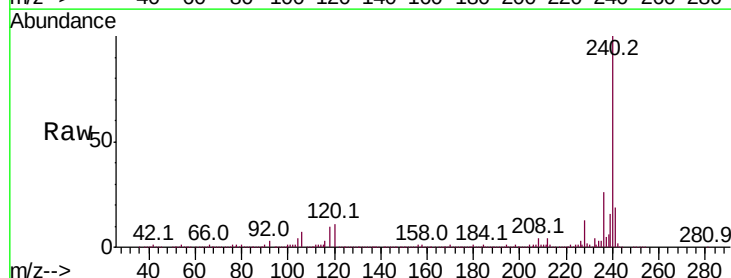
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E



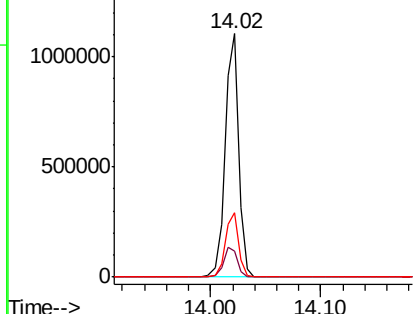
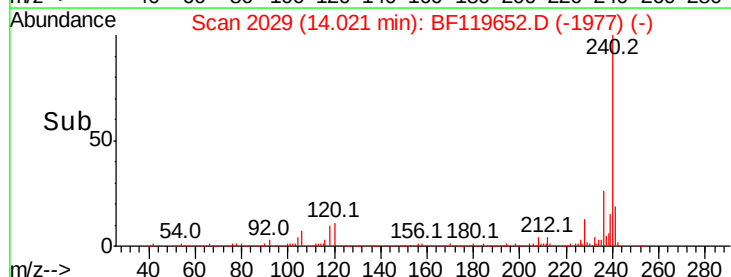
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. 0.01 min
 Lab File: BF119652.D
 Acq: 31 Mar 2020 15:27

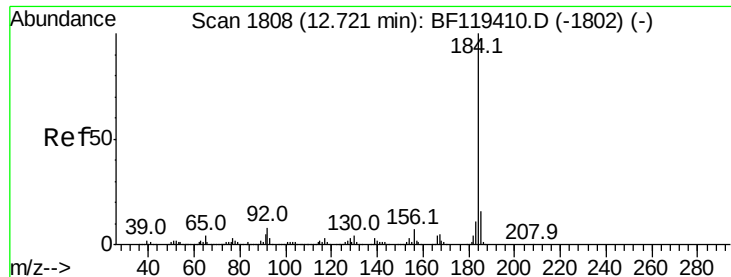
Tgt Ion:240 Resp: 943599

Ion	Ratio	Lower	Upper
240	100		
120	10.9	10.6	15.8
236	26.4	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: 40.048 ng

RT: 12.71 min Scan# 1806

Delta R.T. 0.01 min

Lab File: BF119652.D

Acq: 31 Mar 2020 15:27

Instrument :

BNA_F

ClientSampleId :

SB-6-(10-12)MSD

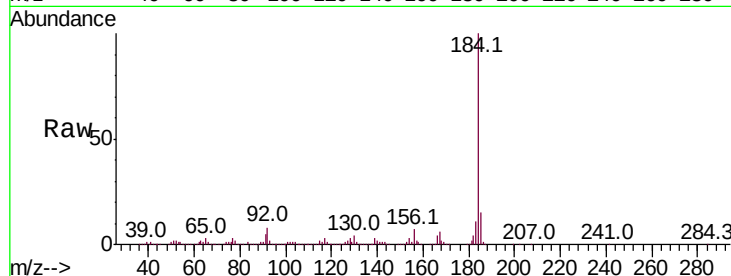
Tot Ion:184 Resp: 1599246

Ion Ratio Lower Upper

184 100

185 15.1 12.3 18.5

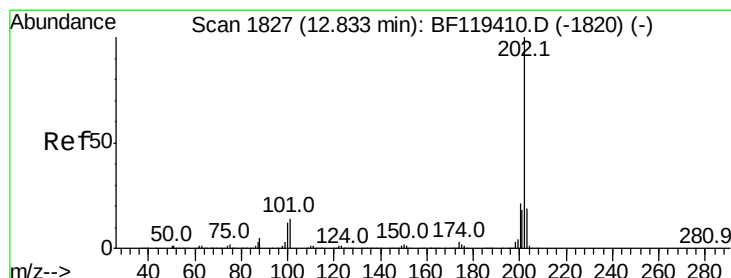
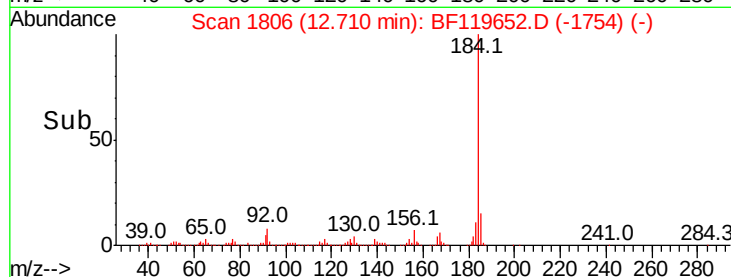
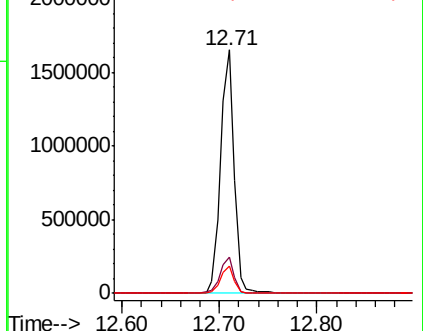
183 11.2 9.0 13.6



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: 43.229 ng

RT: 12.82 min Scan# 1824

Delta R.T. 0.00 min

Lab File: BF119652.D

Acq: 31 Mar 2020 15:27

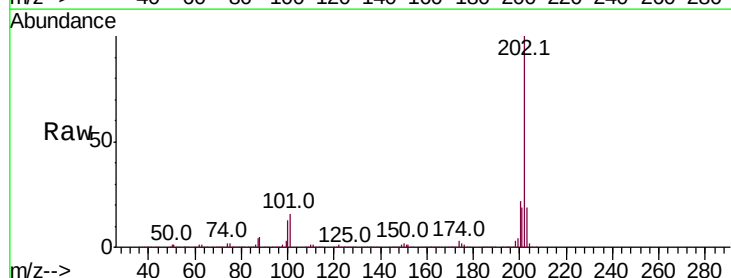
Tgt Ion:202 Resp: 3347685

Ion Ratio Lower Upper

202 100

200 21.8 16.8 25.2

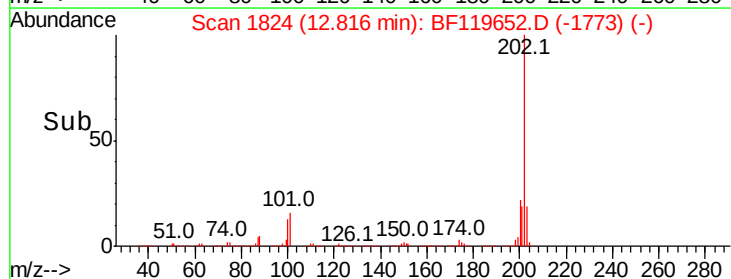
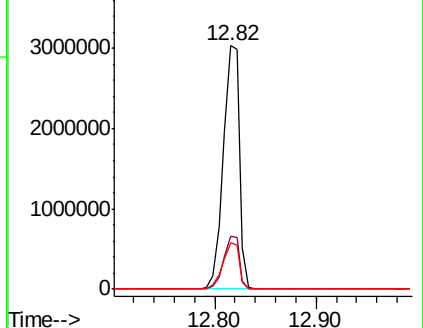
203 19.3 15.1 22.7

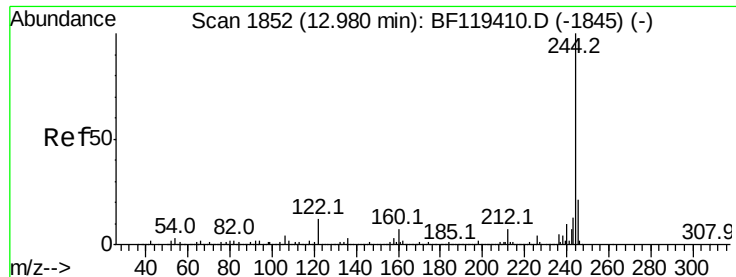


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 75.799 ng

RT: 12.96 min Scan# 1849

Delta R.T. 0.00 min

Lab File: BF119652.D

Acq: 31 Mar 2020 15:27

Instrument :

BNA_F

ClientSampleId :

SB-6-(10-12)MSD

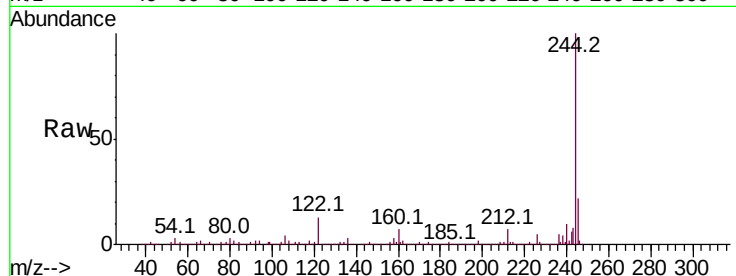
Tot Ion:244 Resp: 3650622

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

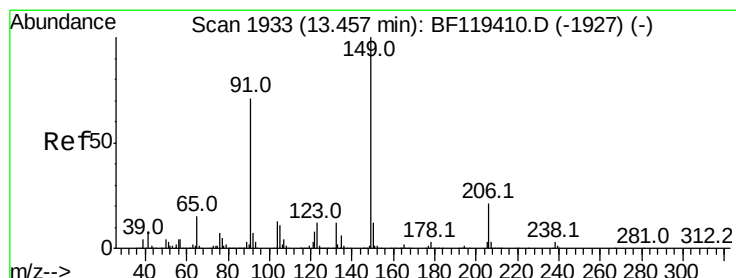
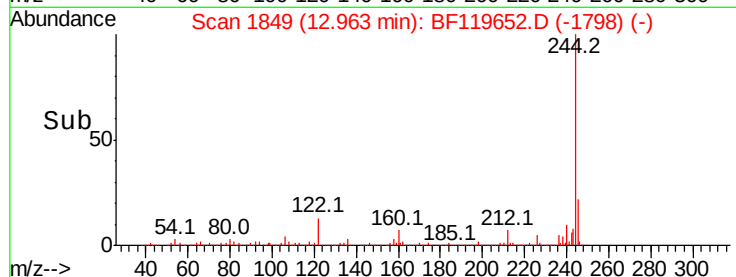
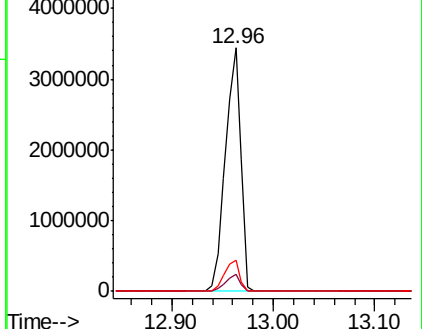
122 13.0 10.3 15.5



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: 54.233 ng

RT: 13.44 min Scan# 1930

Delta R.T. 0.00 min

Lab File: BF119652.D

Acq: 31 Mar 2020 15:27

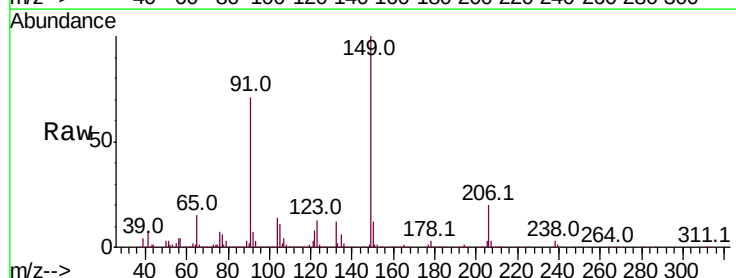
Tgt Ion:149 Resp: 1698647

Ion Ratio Lower Upper

149 100

91 71.4 54.7 82.1

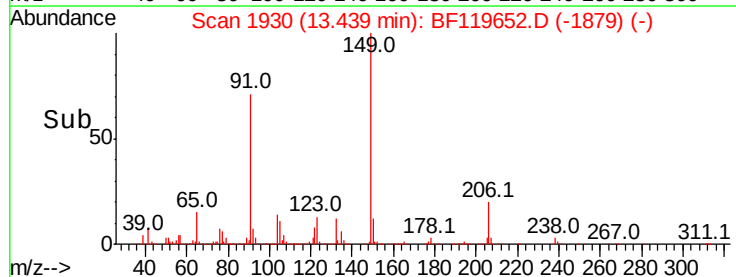
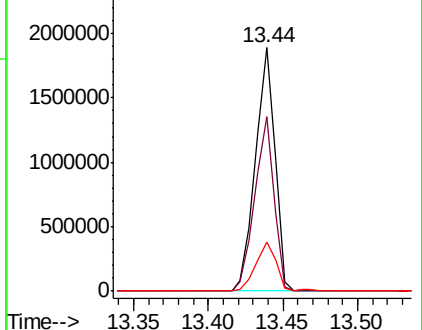
206 20.4 16.2 24.2

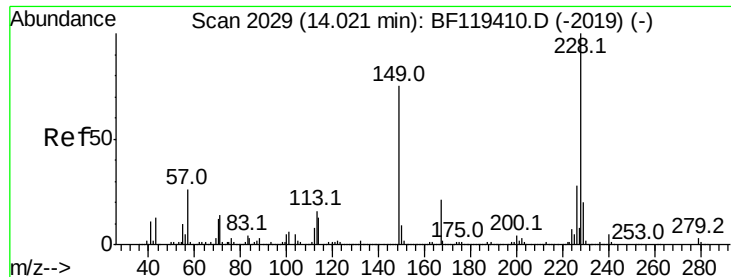


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

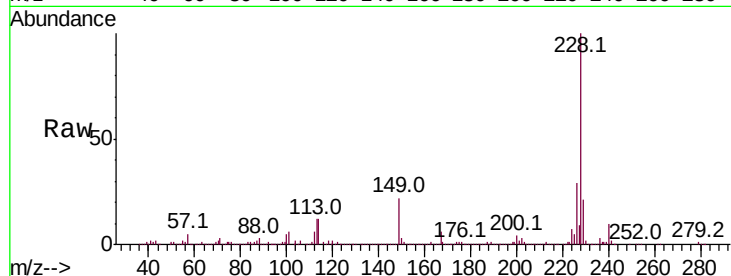




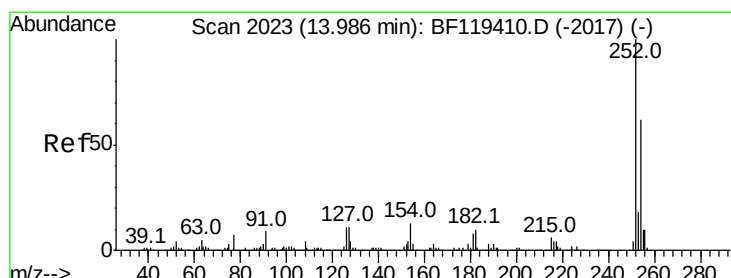
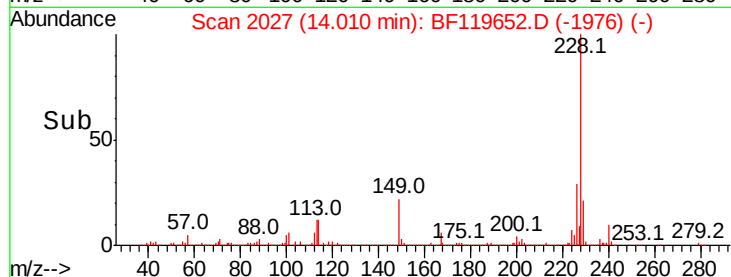
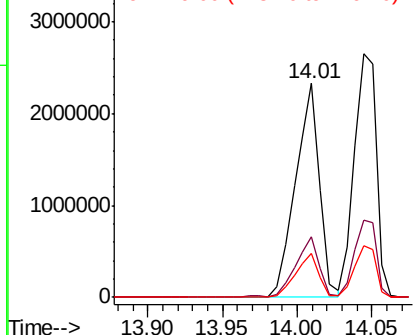
#81
Benzo(a)anthracene
Concen: 42.499 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BF119652.D
Acq: 31 Mar 2020 15:27

Instrument :
BNA_F
ClientSampleId :
SB-6-(10-12)MSD

Tot Ion:228 Resp: 2607764
Ion Ratio Lower Upper
228 100
226 28.6 21.8 32.8
229 20.8 16.2 24.4

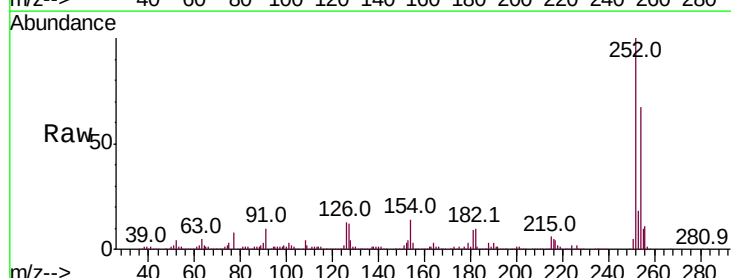


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

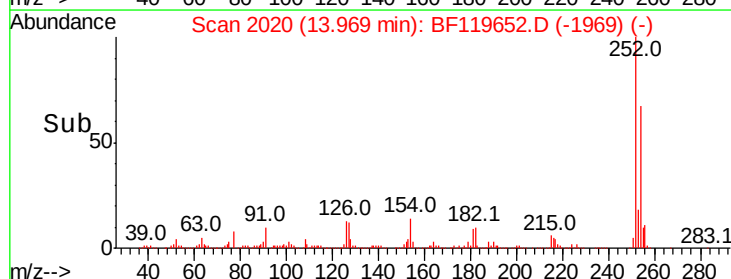
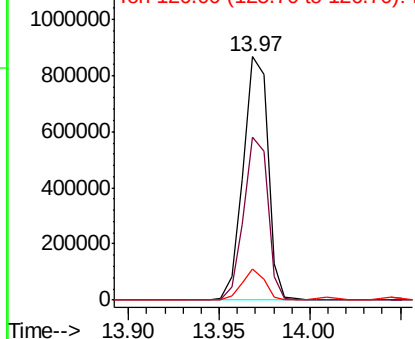


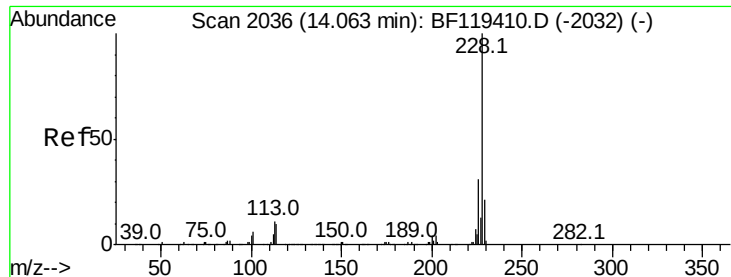
#82
3,3'-Dichlorobenzidine
Concen: 34.039 ng
RT: 13.97 min Scan# 2020
Delta R.T. 0.00 min
Lab File: BF119652.D
Acq: 31 Mar 2020 15:27

Tgt Ion:252 Resp: 823527
Ion Ratio Lower Upper
252 100
254 67.1 51.2 76.8
126 12.8 9.6 14.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 43.430 ng

RT: 14.04 min Scan# 2033

Delta R.T. 0.00 min

Lab File: BF119652.D

Acq: 31 Mar 2020 15:27

Instrument :

BNA_F

ClientSampleId :

SB-6-(10-12)MSD

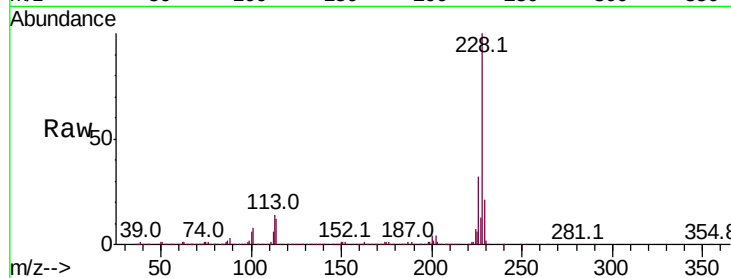
Tot Ion:228 Resp: 2750263

Ion Ratio Lower Upper

228 100

226 32.0 25.4 38.0

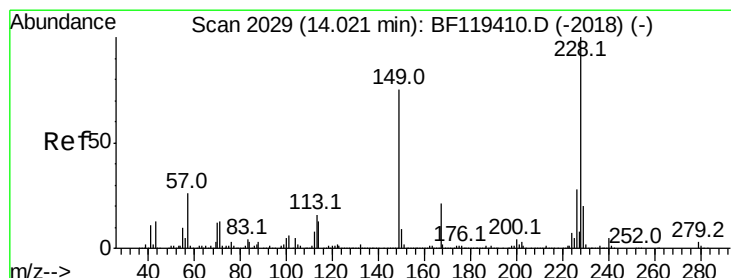
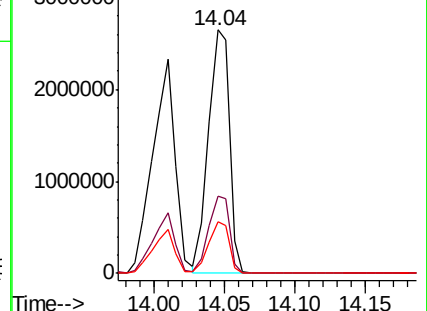
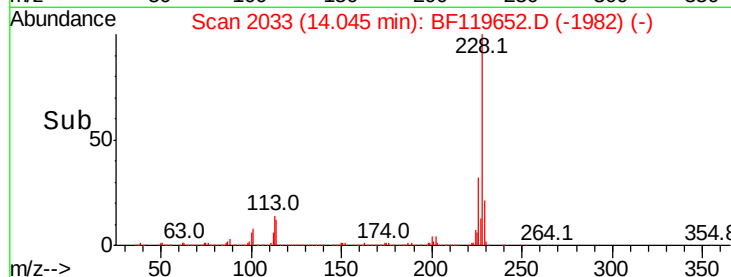
229 21.2 16.6 24.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 57.704 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF119652.D

Acq: 31 Mar 2020 15:27

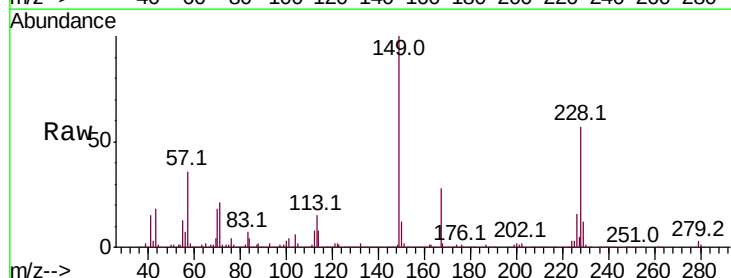
Tgt Ion:149 Resp: 2154502

Ion Ratio Lower Upper

149 100

167 27.7 21.3 31.9

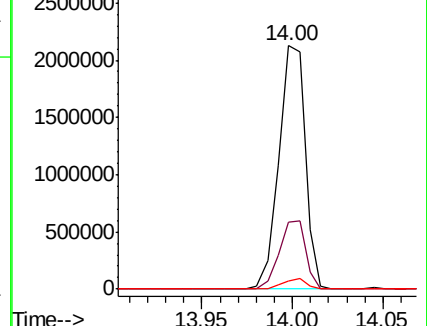
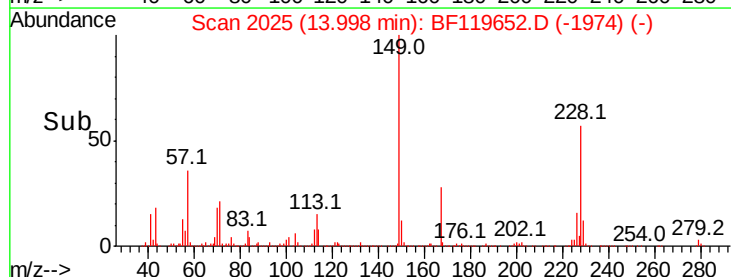
279 3.5 2.7 4.1

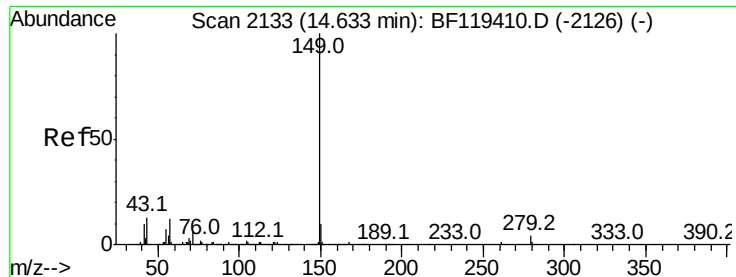


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

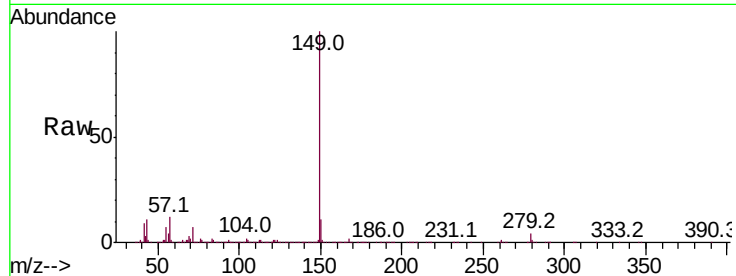




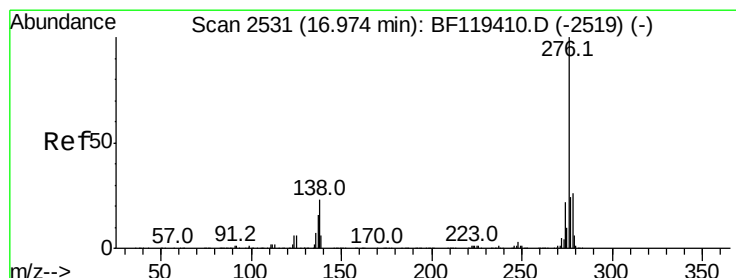
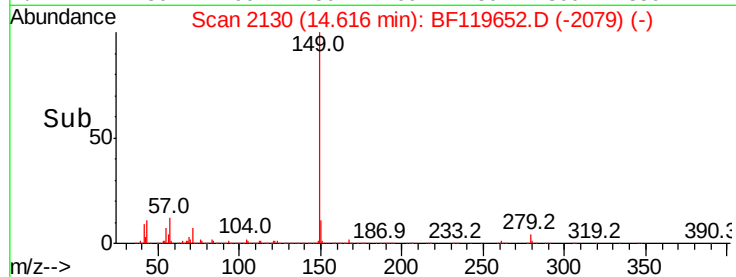
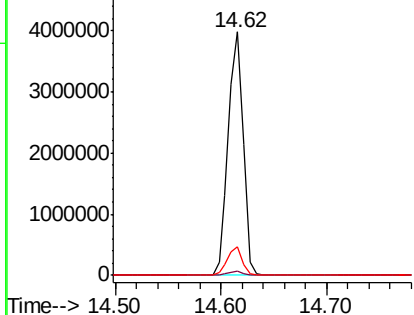
#85
Di-n-octyl phthalate
Concen: 59.318 ng
RT: 14.62 min Scan# 2130
Delta R.T. 0.00 min
Lab File: BF119652.D
Acq: 31 Mar 2020 15:27

Instrument :
BNA_F
ClientSampleId :
SB-6-(10-12)MSD

Tot Ion:149 Resp: 3895143
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 11.3 9.3 13.9

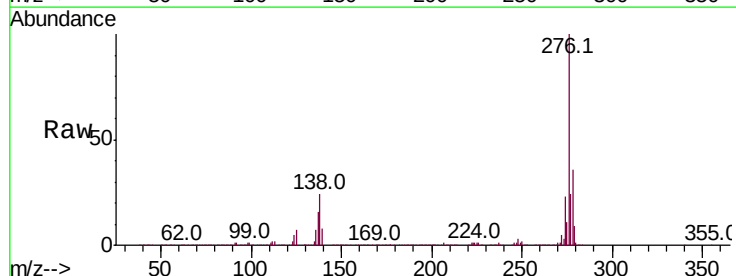


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

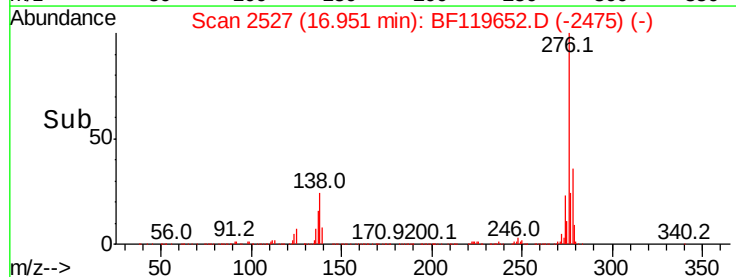
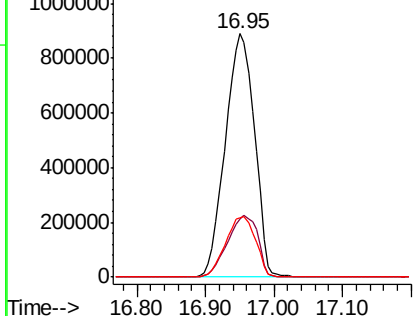


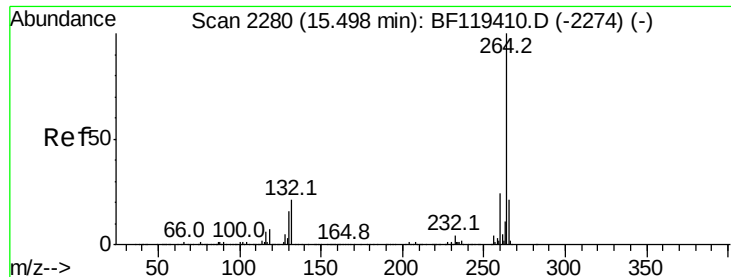
#86
Indeno(1,2,3-cd)pyrene
Concen: 44.058 ng
RT: 16.95 min Scan# 2527
Delta R.T. 0.01 min
Lab File: BF119652.D
Acq: 31 Mar 2020 15:27

Tgt Ion:276 Resp: 2627664
Ion Ratio Lower Upper
276 100
138 26.6 19.6 29.4
277 25.6 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: 15.48 min Scan# 2277

Delta R.T. 0.00 min

Lab File: BF119652.D

Acq: 31 Mar 2020 15:27

Instrument :

BNA_F

ClientSampleId :

SB-6-(10-12)MSD

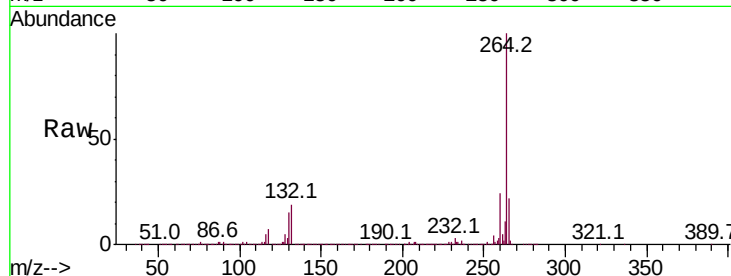
Tot Ion:264 Resp: 933466

Ion Ratio Lower Upper

264 100

260 23.6 18.7 28.1

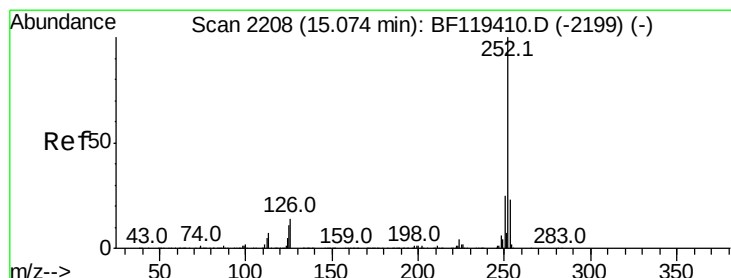
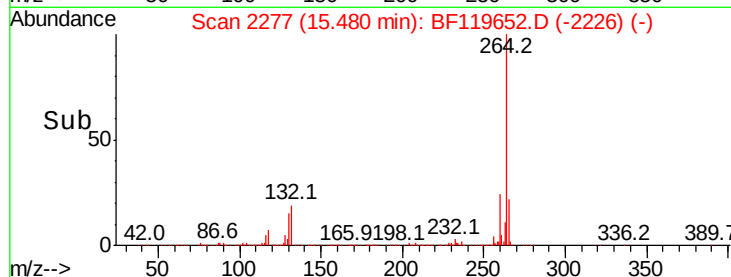
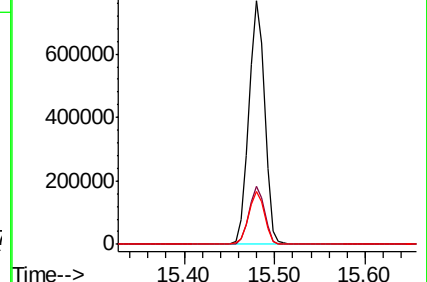
265 21.9 17.7 26.5



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: 49.230 ng

RT: 15.06 min Scan# 2205

Delta R.T. 0.00 min

Lab File: BF119652.D

Acq: 31 Mar 2020 15:27

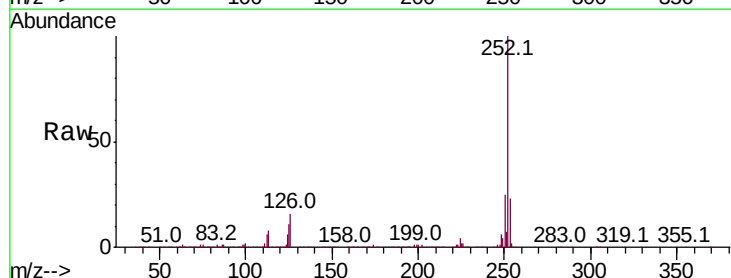
Tgt Ion:252 Resp: 3069761

Ion Ratio Lower Upper

252 100

253 23.2 17.4 26.0

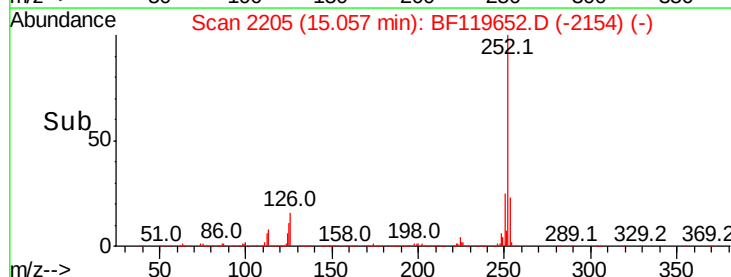
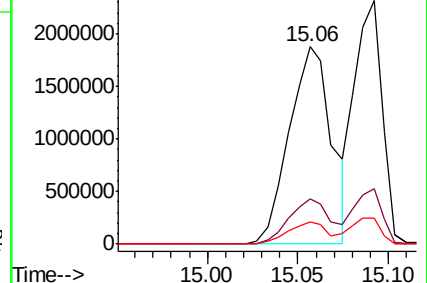
125 11.4 7.9 11.9

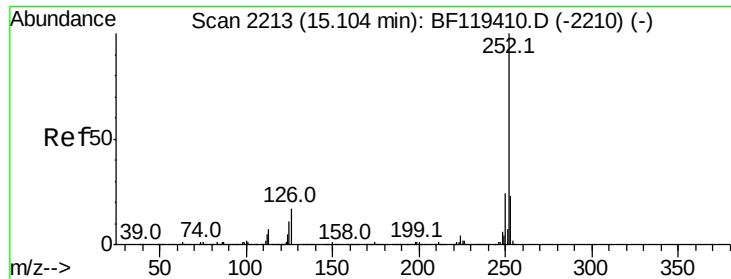


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

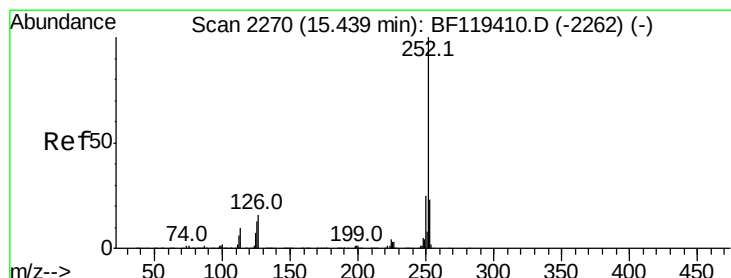
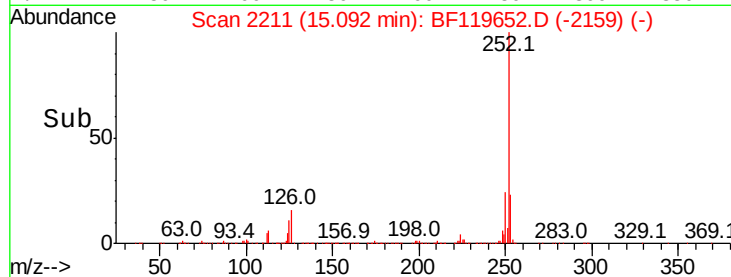
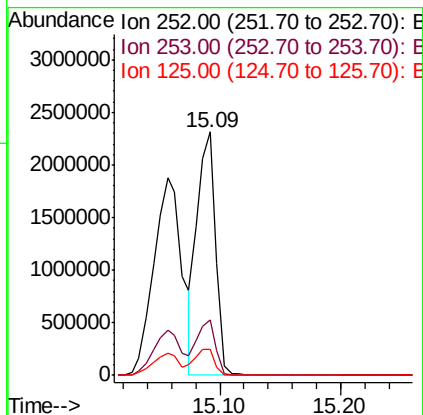
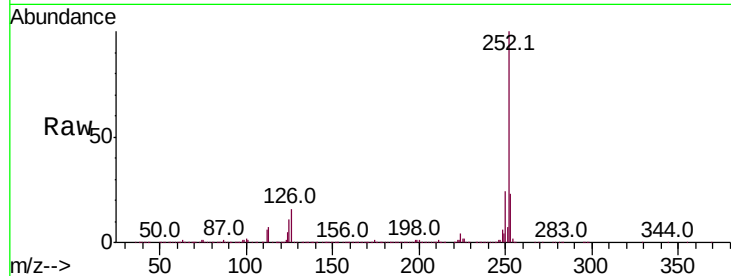




#89
 Benzo(k)fluoranthene
 Concen: 41.614 ng
 RT: 15.09 min Scan# 2211
 Delta R.T. 0.01 min
 Lab File: BF119652.D
 Acq: 31 Mar 2020 15:27

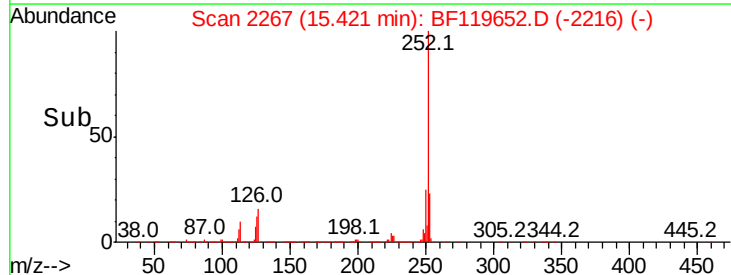
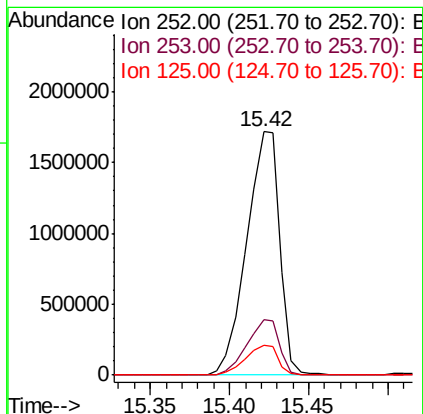
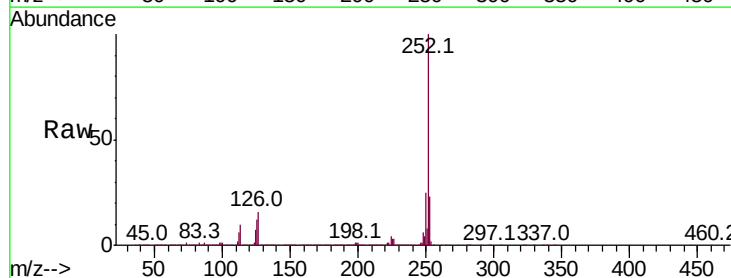
Instrument :
 BNA_F
 ClientSampleId :
 SB-6-(10-12)MSD

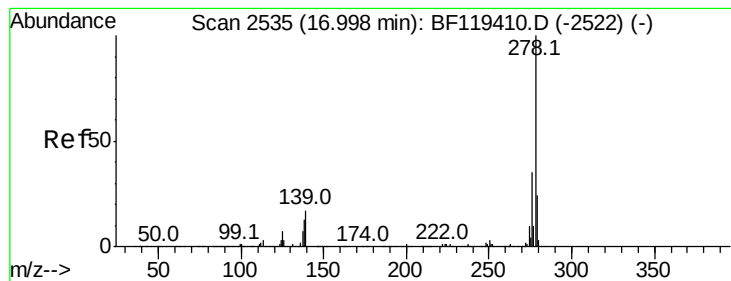
Tot Ion:252 Resp: 2470810
 Ion Ratio Lower Upper
 252 100
 253 23.0 17.8 26.6
 125 10.9 8.4 12.6



#90
 Benzo(a)pyrene
 Concen: 43.891 ng
 RT: 15.42 min Scan# 2267
 Delta R.T. 0.00 min
 Lab File: BF119652.D
 Acq: 31 Mar 2020 15:27

Tgt Ion:252 Resp: 2487207
 Ion Ratio Lower Upper
 252 100
 253 22.8 18.2 27.2
 125 12.5 9.4 14.2





#91

Dibenzo(a,h)anthracene

Concen: 44.300 ng

RT: 16.97 min Scan# 2531

Delta R.T. 0.01 min

Lab File: BF119652.D

Acq: 31 Mar 2020 15:27

Instrument :

BNA_F

ClientSampleId :

SB-6-(10-12)MSD

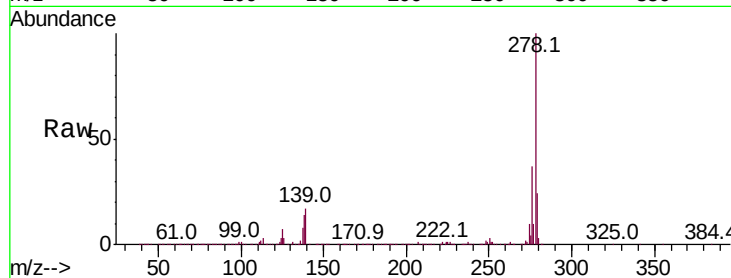
Tot Ion:278 Resp: 2195764

Ion Ratio Lower Upper

278 100

139 17.0 12.6 19.0

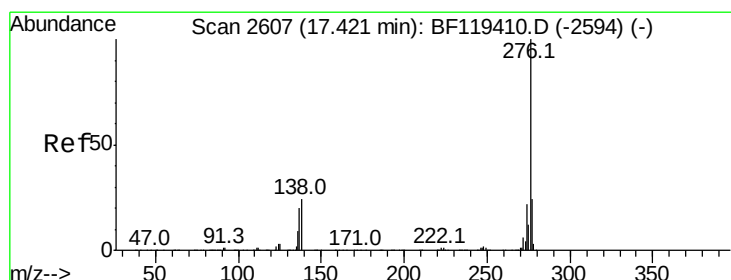
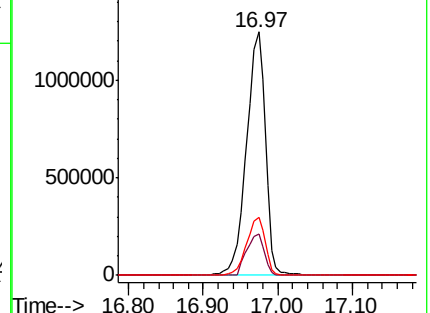
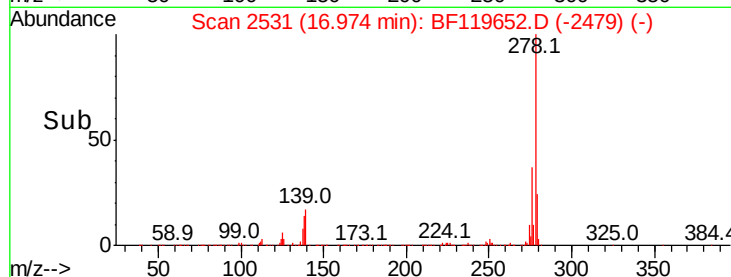
279 23.7 19.0 28.6



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: 42.889 ng

RT: 17.40 min Scan# 2603

Delta R.T. 0.01 min

Lab File: BF119652.D

Acq: 31 Mar 2020 15:27

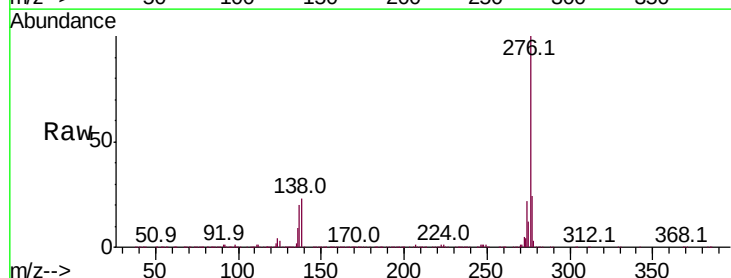
Tgt Ion:276 Resp: 2135631

Ion Ratio Lower Upper

276 100

277 24.1 18.4 27.6

138 23.2 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

