

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
 Data File : BF118960.D
 Acq On : 20 Feb 2020 14:50
 Operator : CG/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 20 15:27:14 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 20 15:19:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	177449	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	629347	20.00	ng	0.00
39) Acenaphthene-d10	9.79	164	338704	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	609427	20.00	ng	0.00
76) Chrysene-d12	13.91	240	432835	20.00	ng	0.00
87) Perylene-d12	15.33	264	405773	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.38	112	1078353	115.74	ng	0.00
7) Phenol-d6	6.40	99	1305538	110.84	ng	0.00
23) Nitrobenzene-d5	7.33	82	1222395	108.03	ng	0.00
42) 2,4,6-Tribromophenol	10.59	330	447162	106.57	ng	0.00
45) 2-Fluorobiphenyl	9.12	172	2239605	106.81	ng	0.00
79) Terphenyl-d14	12.86	244	2541045	115.54	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.46	88	243195	58.246	ng	99
3) Pyridine	3.19	79	672143	58.300	ng	99
4) n-Nitrosodimethylamine	3.14	42	205373	57.843	ng	95
6) Aniline	6.43	93	816705	53.021	ng	92
8) 2-Chlorophenol	6.55	128	588219	52.238	ng	97
9) Benzaldehyde	6.31	77	438899	62.398	ng	100
10) Phenol	6.42	94	705535	52.395	ng	91
11) bis(2-Chloroethyl)ether	6.50	93	547917	51.815	ng	98
12) 1,3-Dichlorobenzene	6.70	146	701768	51.952	ng	99
13) 1,4-Dichlorobenzene	6.78	146	706302	52.154	ng	99
14) 1,2-Dichlorobenzene	6.93	146	634840	51.045	ng	99
15) Benzyl Alcohol	6.91	79	478671	52.103	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.04	45	474916	49.808	ng	97
17) 2-Methylphenol	7.02	107	473525	51.336	ng	97
18) Hexachloroethane	7.27	117	253493	52.102	ng	98
19) n-Nitroso-di-n-propylamine	7.19	70	374590	49.847	ng	98
20) 3+4-Methylphenols	7.18	107	544760	50.608	ng	# 88
22) Acetophenone	7.17	105	729627	53.271	ng	# 99
24) Nitrobenzene	7.35	77	602482	52.581	ng	98
25) Isophorone	7.59	82	1048627	51.755	ng	99
26) 2-Nitrophenol	7.66	139	323046	52.792	ng	97
27) 2,4-Dimethylphenol	7.70	122	433931	52.987	ng	98
28) bis(2-Chloroethoxy)methane	7.80	93	688559	51.950	ng	99
29) 2,4-Dichlorophenol	7.91	162	517222	52.958	ng	98
30) 1,2,4-Trichlorobenzene	7.99	180	604133	52.724	ng	100
31) Naphthalene	8.07	128	1654941	51.890	ng	99
32) Benzoic acid	7.85	122	307631	52.000	ng	95
33) 4-Chloroaniline	8.12	127	718247	52.602	ng	99
34) Hexachlorobutadiene	8.19	225	381610	53.831	ng	98
35) Caprolactam	8.50	113	156792	53.060	ng	99
36) 4-Chloro-3-methylphenol	8.60	107	515496	52.820	ng	97
37) 2-Methylnaphthalene	8.76	142	1116961	52.500	ng	99
38) 1-Methylnaphthalene	8.86	142	1047632	52.510	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.93	216	586373	53.963	ng	100

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
 Data File : BF118960.D
 Acq On : 20 Feb 2020 14:50
 Operator : CG/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 20 15:27:14 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 20 15:19:38 2020
 Response via : Initial Calibration

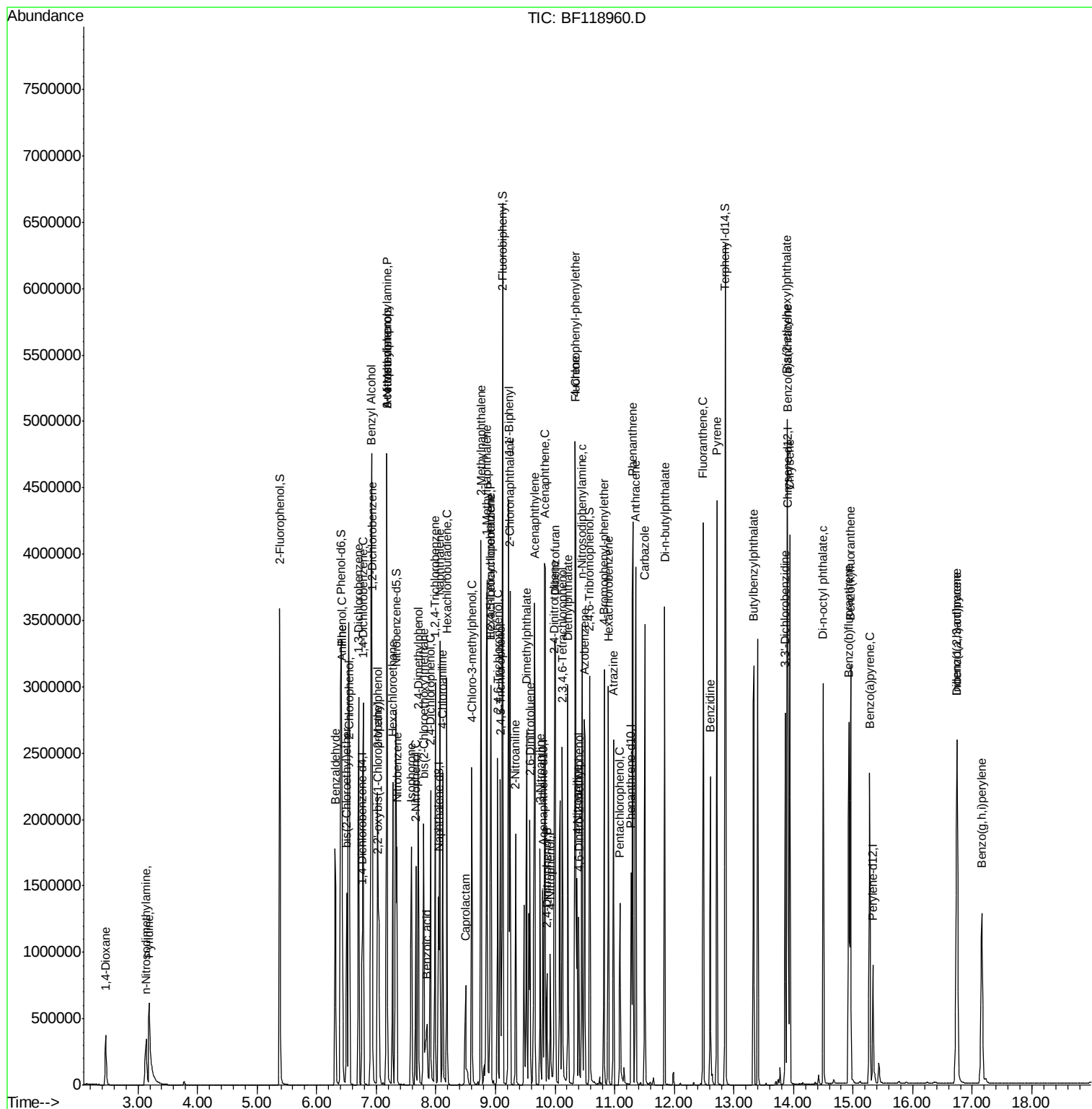
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.92	237	194803	59.746	nq	98
43) 2,4,6-Trichlorophenol	9.03	196	373755	52.121	nq	98
44) 2,4,5-Trichlorophenol	9.08	196	392507	52.792	nq	97
46) 1,1'-Biphenyl	9.22	154	1389995	53.381	nq	99
47) 2-Chloronaphthalene	9.25	162	1132875	52.423	nq	98
48) 2-Nitroaniline	9.34	65	316070	52.272	nq	98
49) Acenaphthylene	9.66	152	1631503	52.875	nq	100
50) Dimethylphthalate	9.52	163	1311154	51.273	nq	99
51) 2,6-Dinitrotoluene	9.58	165	296430	51.900	nq	94
52) Acenaphthene	9.83	154	971498	51.723	nq	100
53) 3-Nitroaniline	9.75	138	326191	51.892	nq	94
54) 2,4-Dinitrophenol	9.86	184	131915	51.926	nq	96
55) Dibenzofuran	10.00	168	1455675	51.919	nq	99
56) 4-Nitrophenol	9.92	139	200906	51.883	nq	96
57) 2,4-Dinitrotoluene	9.99	165	388102	52.528	nq	95
58) Fluorene	10.35	166	1109828	51.076	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.12	232	322079	50.403	nq	99
60) Diethylphthalate	10.22	149	1236921	51.310	nq	99
61) 4-Chlorophenyl-phenylether	10.33	204	598074	51.726	nq	99
62) 4-Nitroaniline	10.37	138	326256	50.416	nq	100
63) Azobenzene	10.49	77	1078899	50.891	nq	99
65) 4,6-Dinitro-2-methylphenol	10.40	198	197236	52.515	nq	90
66) n-Nitrosodiphenylamine	10.46	169	1019607	52.829	nq	100
67) 4-Bromophenyl-phenylether	10.82	248	410005	52.405	nq	98
68) Hexachlorobenzene	10.90	284	469780	52.449	nq	93
69) Atrazine	10.98	200	359777	55.693	nq	99
70) Pentachlorophenol	11.09	266	199039	51.906	nq	98
71) Phenanthrene	11.30	178	1682768	52.584	nq	99
72) Anthracene	11.35	178	1693807	52.901	nq	100
73) Carbazole	11.51	167	1502021	52.338	nq	99
74) Di-n-butylphthalate	11.84	149	1842521	50.601	nq	99
75) Fluoranthene	12.49	202	1782261	49.996	nq	99
77) Benzidine	12.60	184	911933	65.808	nq	98
78) Pyrene	12.72	202	1787403	57.223	nq	100
80) Butylbenzylphthalate	13.33	149	776256	56.712	nq	94
81) Benzo(a)anthracene	13.90	228	1502170	56.634	nq	99
82) 3,3'-Dichlorobenzidine	13.86	252	599008	58.038	nq	100
83) Chrysene	13.94	228	1487279	55.932	nq	100
84) Bis(2-ethylhexyl)phthalate	13.89	149	962707	55.505	nq	98
85) Di-n-octyl phthalate	14.50	149	1552341	55.514	nq	100
86) Indeno(1,2,3-cd)pyrene	16.74	276	1379240	52.703	nq	99
88) Benzo(b)fluoranthene	14.93	252	1504566	55.003	nq	99
89) Benzo(k)fluoranthene	14.96	252	1265431	52.057	nq	100
90) Benzo(a)pyrene	15.28	252	1247462	52.932	nq	99
91) Dibenzo(a,h)anthracene	16.75	278	1127568	52.790	nq	98
92) Benzo(g,h,i)perylene	17.16	276	1127946	53.521	nq	98

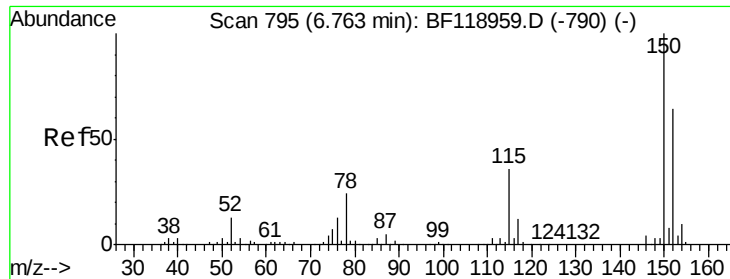
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
Data File : BF118960.D
Acq On : 20 Feb 2020 14:50
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :

Quant Time: Feb 20 15:27:14 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 20 15:19:38 2020
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.76 min Scan# 795

Delta R.T. -0.00 min

Lab File: BF118960.D

Acq: 20 Feb 2020 14:50

Instrument :

BNA_F

ClientSampleId :

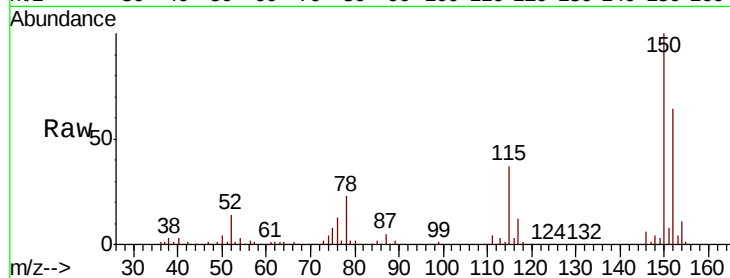
Tot Ion:152 Resp: 177449

Ion Ratio Lower Upper

152 100

150 156.8 124.3 186.5

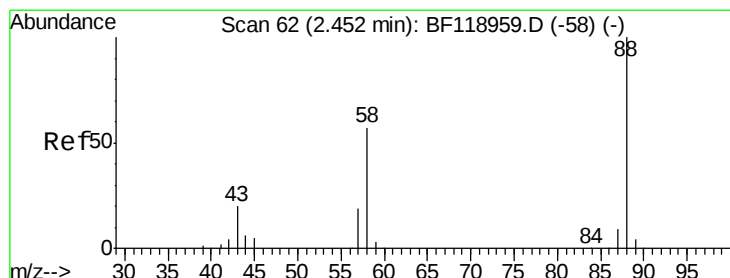
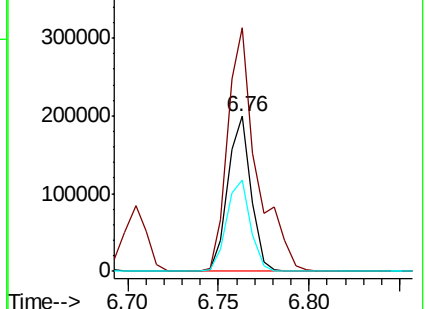
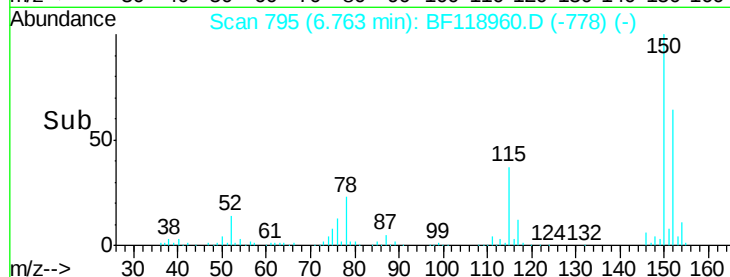
115 58.4 44.6 67.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 58.246 ng

RT: 2.46 min Scan# 63

Delta R.T. 0.01 min

Lab File: BF118960.D

Acq: 20 Feb 2020 14:50

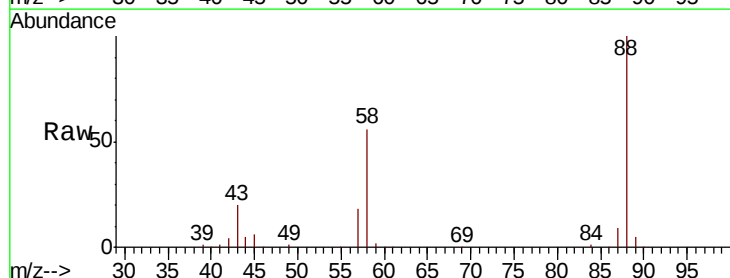
Tgt Ion: 88 Resp: 243195

Ion Ratio Lower Upper

88 100

58 55.2 44.6 66.8

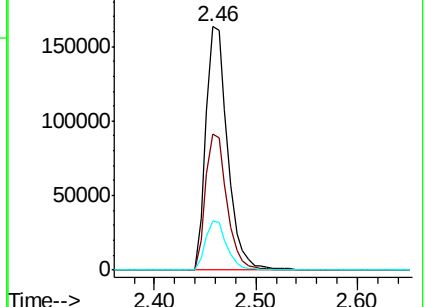
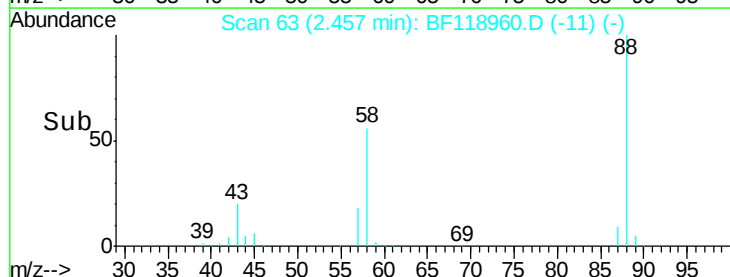
43 19.8 16.0 24.0

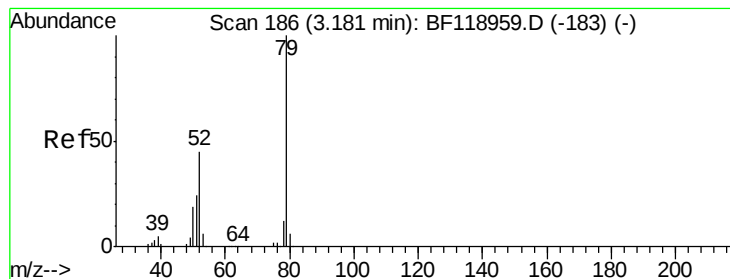


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 58.300 ng

RT: 3.19 min Scan# 187

Delta R.T. 0.01 min

Lab File: BF118960.D

Acq: 20 Feb 2020 14:50

Instrument :

BNA_F

ClientSampleId :

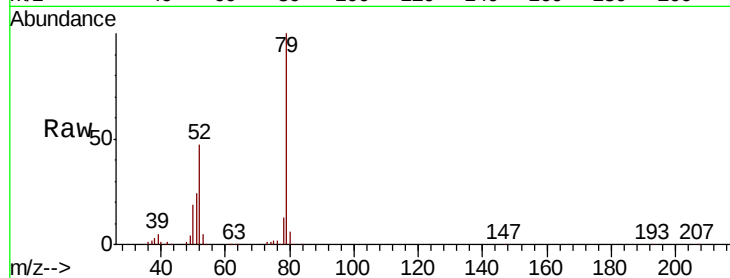
Tot Ion: 79 Resp: 672143

Ion Ratio Lower Upper

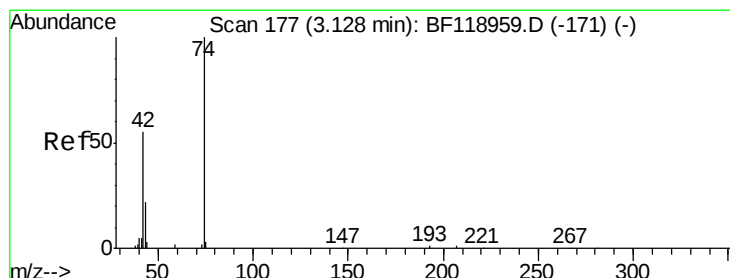
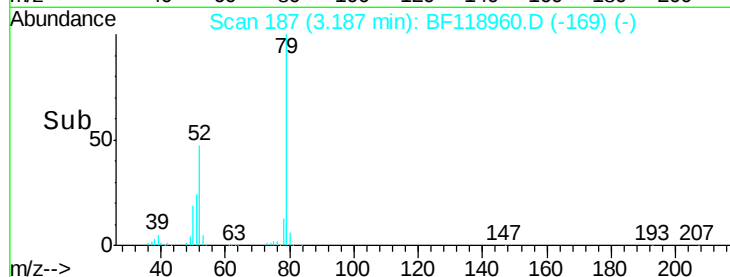
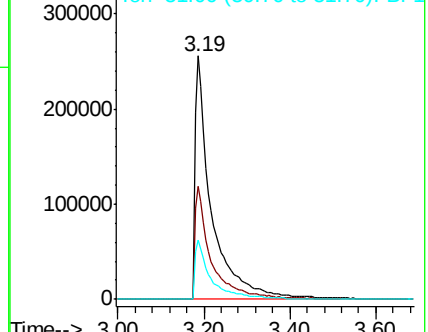
79 100

52 46.7 36.3 54.5

51 24.3 19.5 29.3



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 57.843 ng

RT: 3.14 min Scan# 179

Delta R.T. 0.01 min

Lab File: BF118960.D

Acq: 20 Feb 2020 14:50

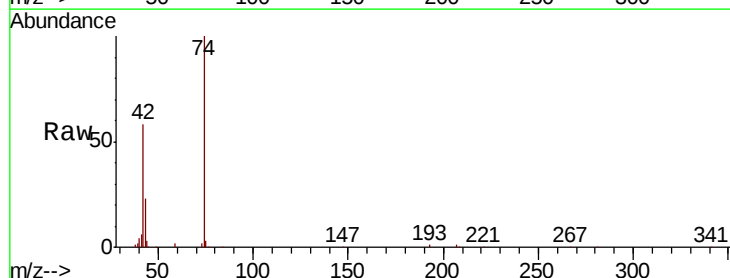
Tgt Ion: 42 Resp: 205373

Ion Ratio Lower Upper

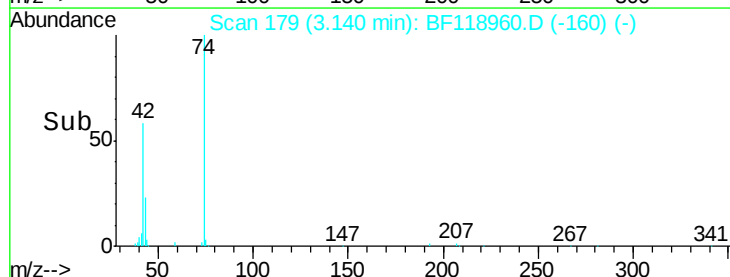
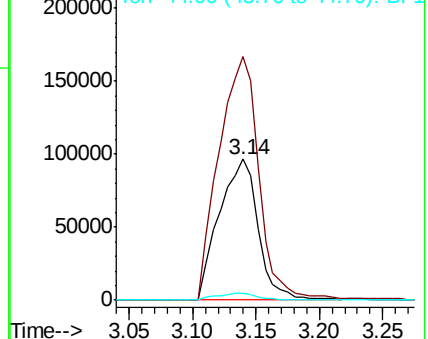
42 100

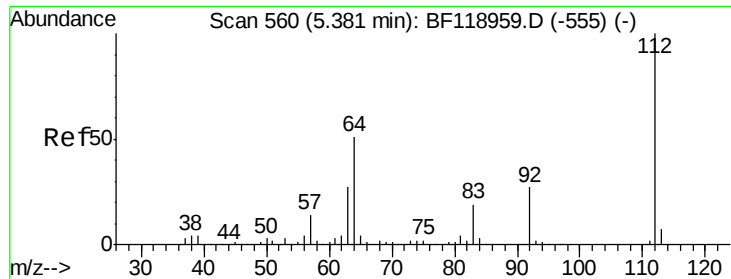
74 173.2 144.4 216.6

44 5.0 4.5 6.7



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 115.735 ng

RT: 5.38 min Scan# 560

Delta R.T. -0.00 min

Lab File: BF118960.D

Acq: 20 Feb 2020 14:50

Instrument :

BNA_F

ClientSampled :

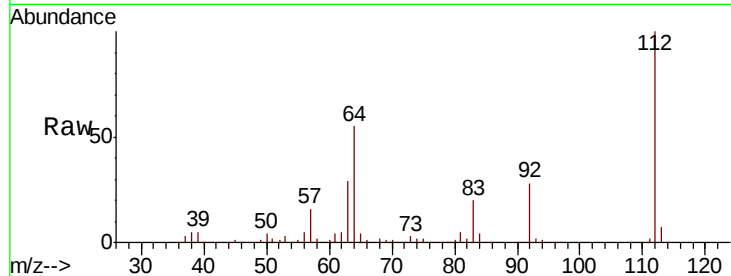
Tot Ion:112 Resp: 1078353

Ion Ratio Lower Upper

112 100

64 55.0 40.4 60.6

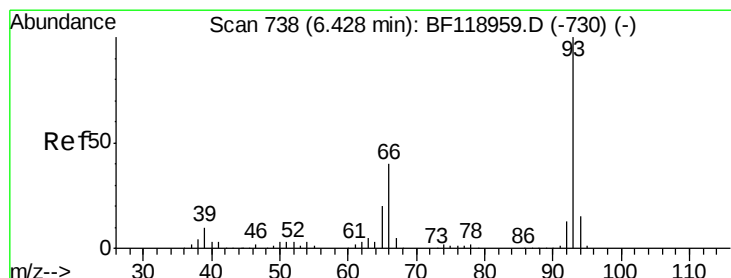
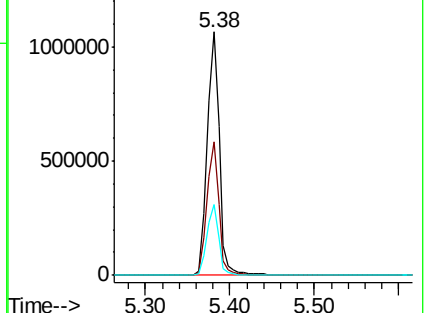
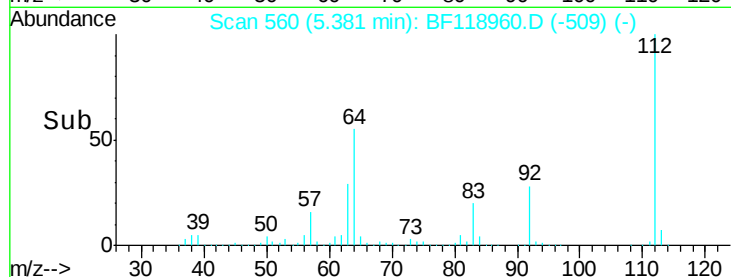
63 29.0 21.3 31.9



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 53.021 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.00 min

Lab File: BF118960.D

Acq: 20 Feb 2020 14:50

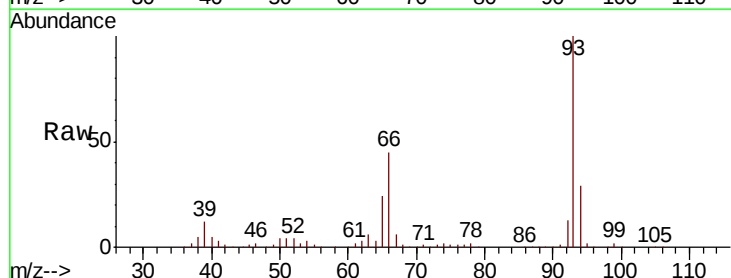
Tgt Ion: 93 Resp: 816705

Ion Ratio Lower Upper

93 100

66 45.0 32.2 48.2

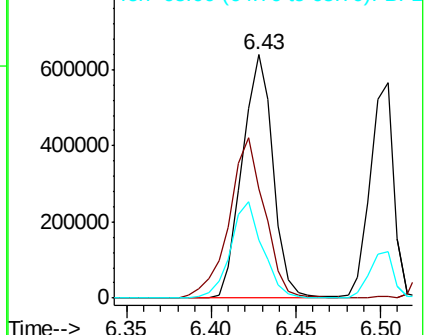
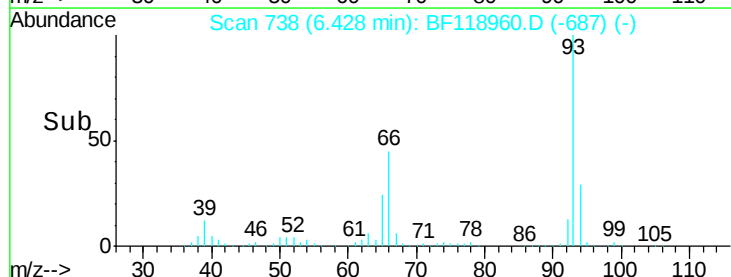
65 24.0 16.1 24.1

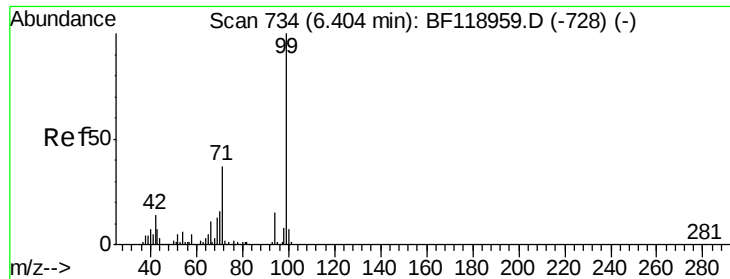


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 110.841 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF118960.D

Acq: 20 Feb 2020 14:50

Instrument :

BNA_F

ClientSampled :

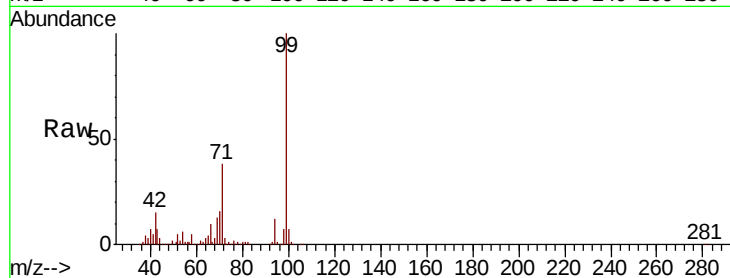
Tot Ion: 99 Resp: 1305538

Ion Ratio Lower Upper

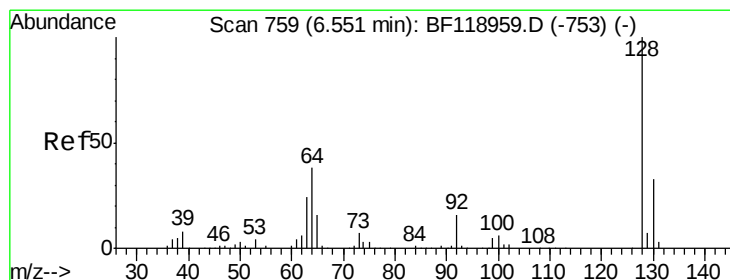
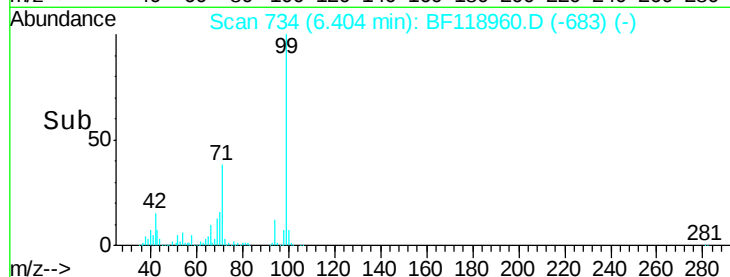
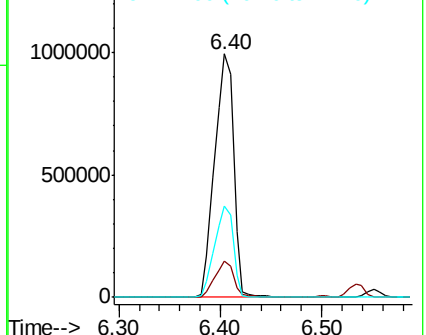
99 100

42 14.8 11.4 17.0

71 37.6 29.8 44.6



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: 52.238 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF118960.D

Acq: 20 Feb 2020 14:50

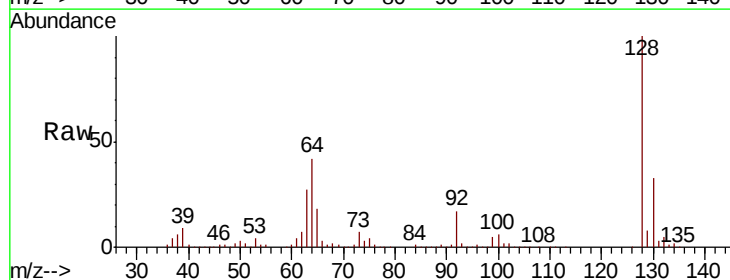
Tgt Ion: 128 Resp: 588219

Ion Ratio Lower Upper

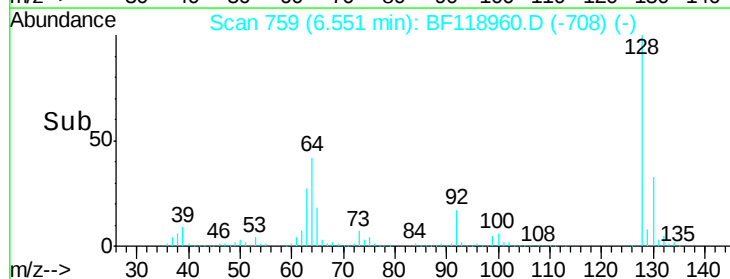
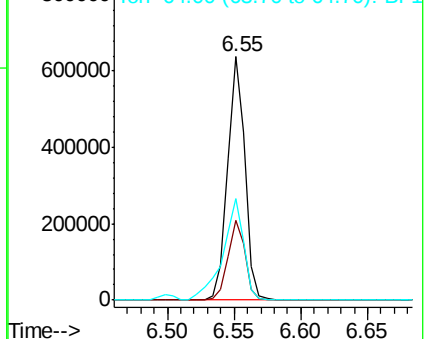
128 100

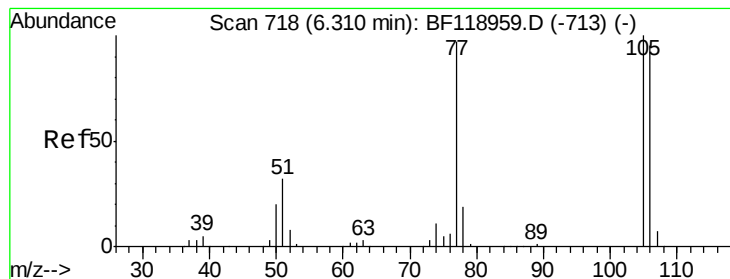
130 32.6 12.7 52.7

64 41.7 18.7 58.7



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: 62.398 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.00 min

Lab File: BF118960.D

Acq: 20 Feb 2020 14:50

Instrument :

BNA_F

ClientSampled :

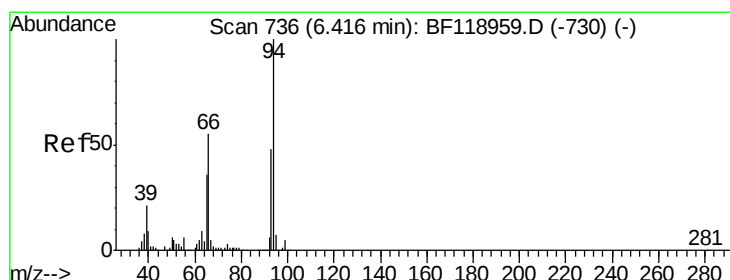
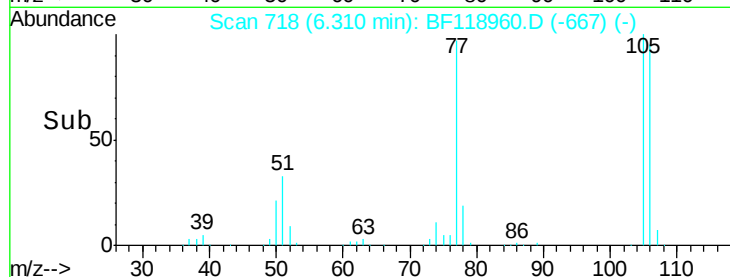
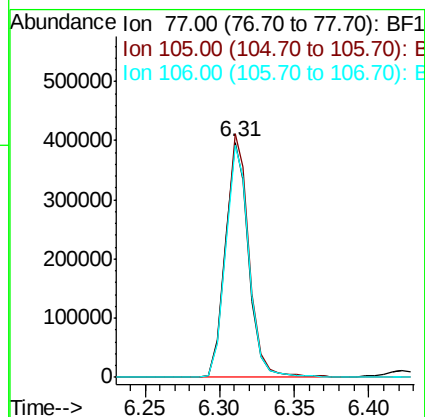
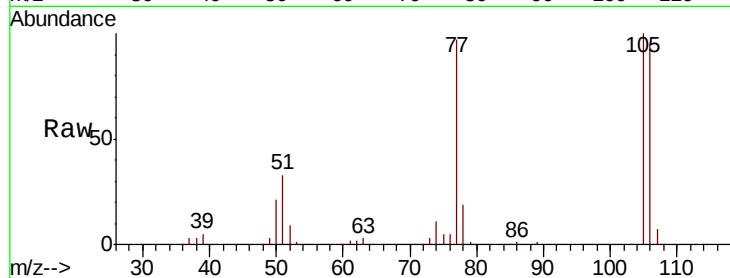
Tot Ion: 77 Resp: 438899

Ion Ratio Lower Upper

77 100

105 103.5 83.0 123.0

106 98.4 78.3 118.3



#10

Phenol

Concen: 52.395 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.01 min

Lab File: BF118960.D

Acq: 20 Feb 2020 14:50

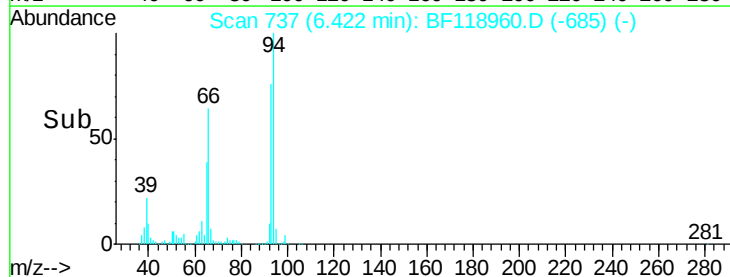
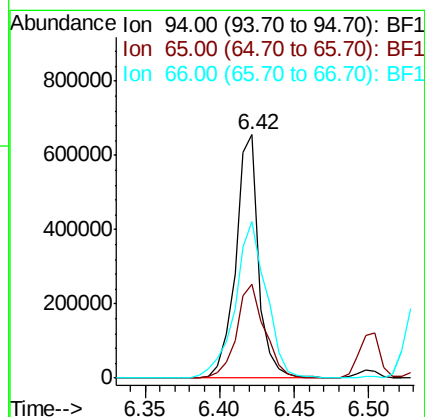
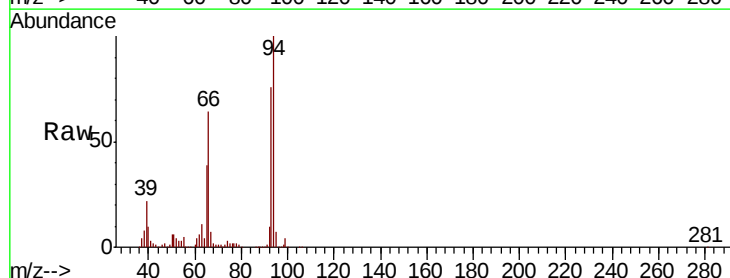
Tgt Ion: 94 Resp: 705535

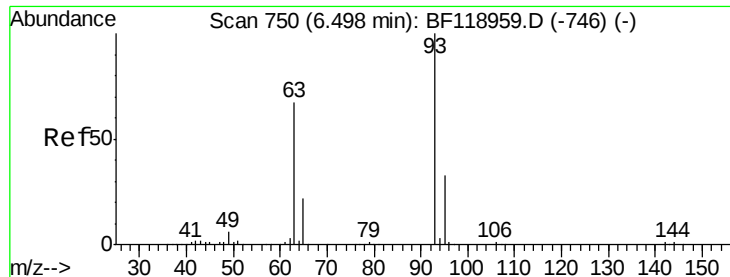
Ion Ratio Lower Upper

94 100

65 38.7 15.5 55.5

66 64.3 35.6 75.6

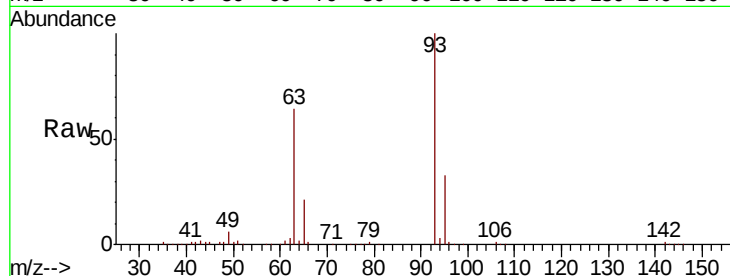




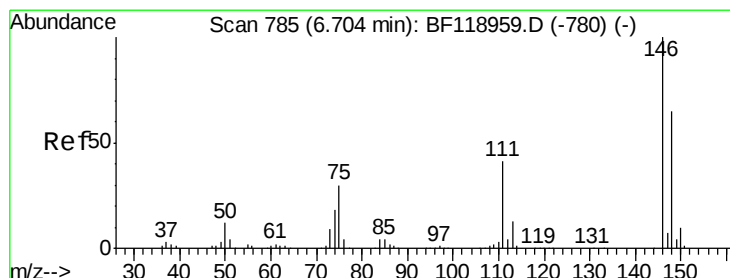
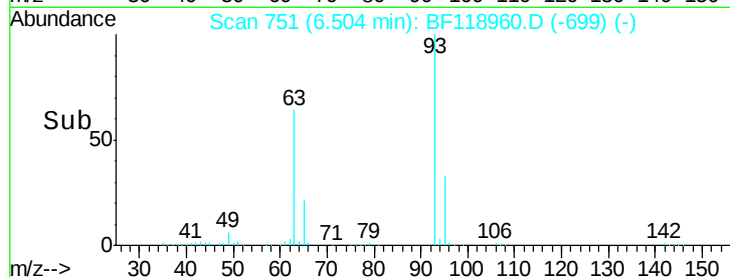
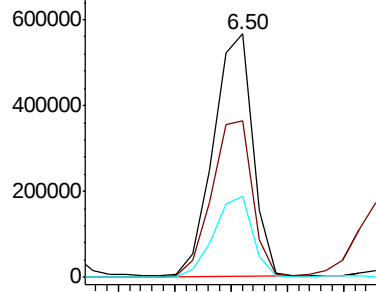
#11
bis(2-Chloroethyl)ether
Concen: 51.815 ng
RT: 6.50 min Scan# 751
Delta R.T. 0.01 min
Lab File: BF118960.D
Acq: 20 Feb 2020 14:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion	93	Resp	547917
Ion	Ratio	Lower	Upper
93	100		
63	64.4	46.8	86.8
95	33.5	12.7	52.7

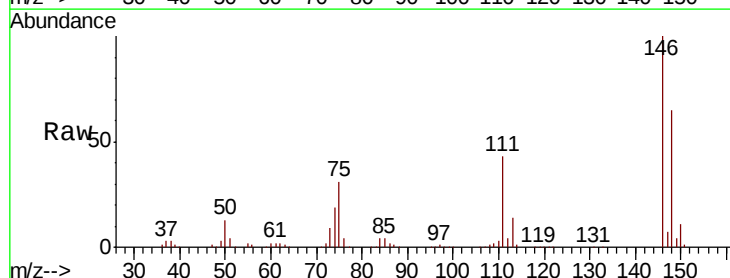


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

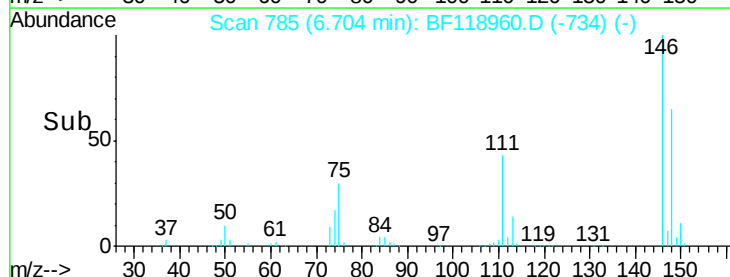
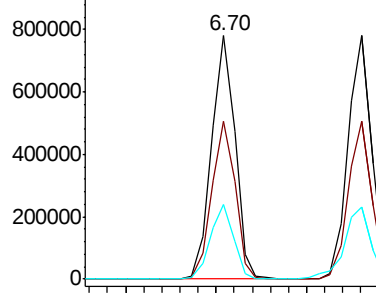


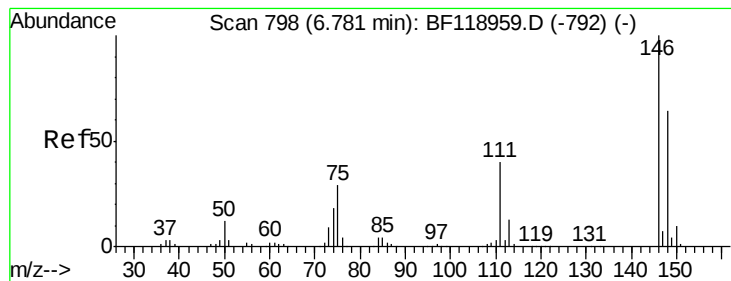
#12
1,3-Dichlorobenzene
Concen: 51.952 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.00 min
Lab File: BF118960.D
Acq: 20 Feb 2020 14:50

Tgt Ion	146	Resp	701768
Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.7	77.5
75	30.6	23.6	35.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 52.154 ng

RT: 6.78 min Scan# 798

Delta R.T. -0.00 min

Lab File: BF118960.D

Acq: 20 Feb 2020 14:50

Instrument :

BNA_F

ClientSampleId :

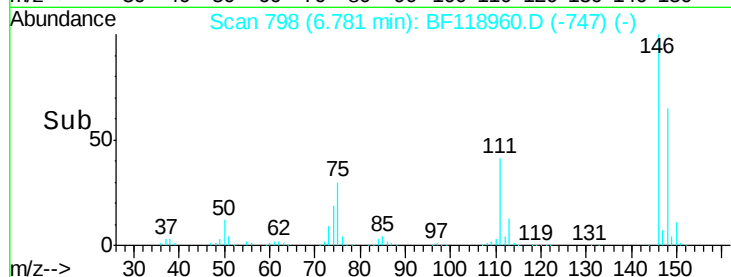
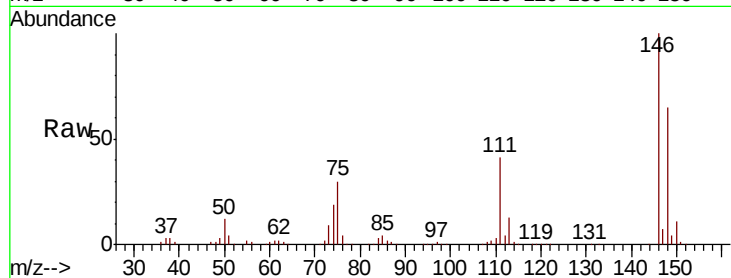
Tot Ion:146 Resp: 706302

Ion Ratio Lower Upper

146 100

148 64.7 51.4 77.2

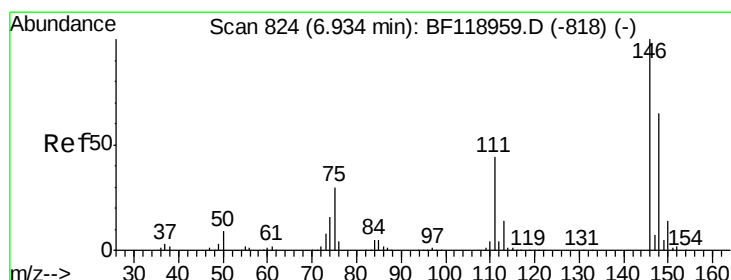
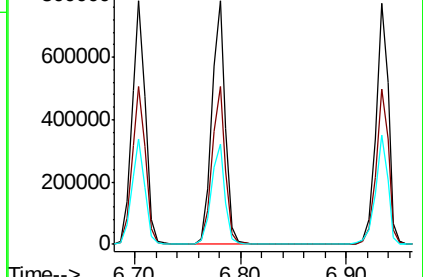
111 41.4 31.9 47.9



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: 51.045 ng

RT: 6.93 min Scan# 824

Delta R.T. -0.00 min

Lab File: BF118960.D

Acq: 20 Feb 2020 14:50

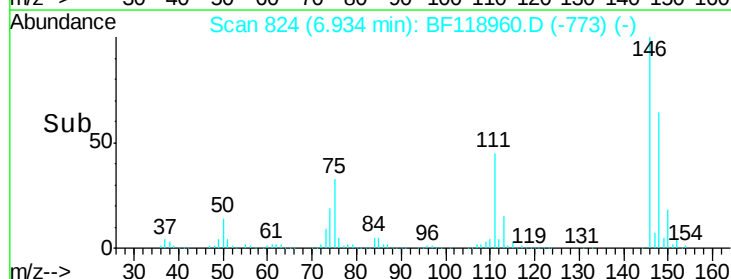
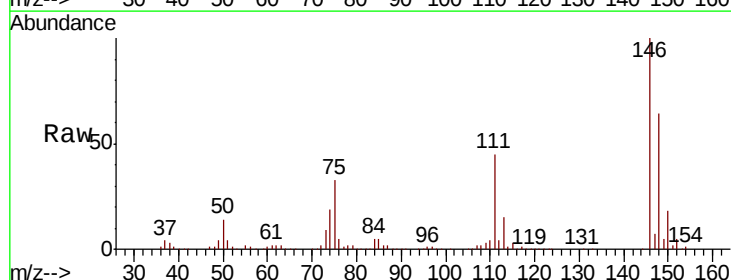
Tgt Ion:146 Resp: 634840

Ion Ratio Lower Upper

146 100

148 64.4 52.1 78.1

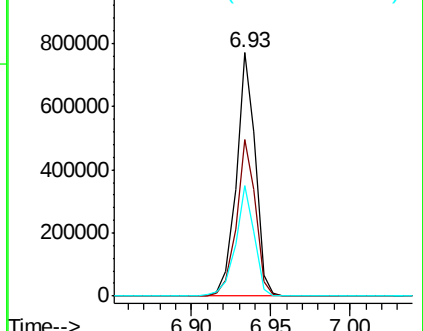
111 45.2 35.5 53.3



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: 52.103 ng

RT: 6.91 min Scan# 820

Delta R.T. 0.01 min

Lab File: BF118960.D

Acq: 20 Feb 2020 14:50

Instrument :

BNA_F

ClientSampled :

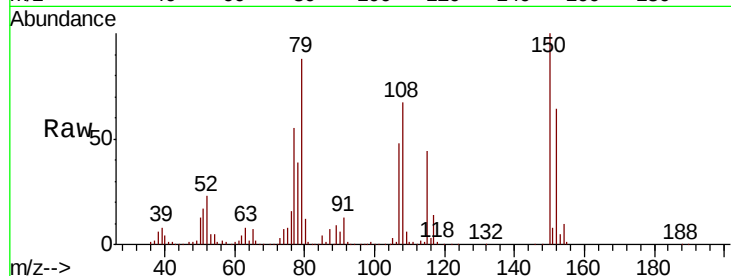
Tot Ion: 79 Resp: 478671

Ion Ratio Lower Upper

79 100

108 75.7 61.1 91.7

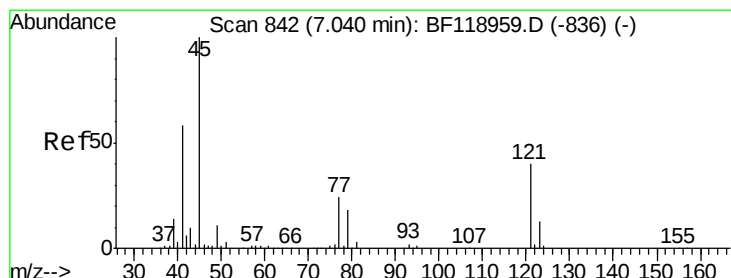
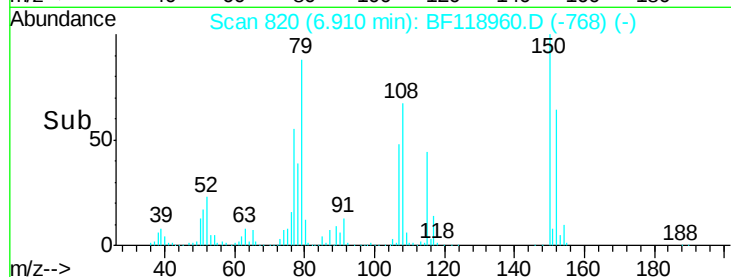
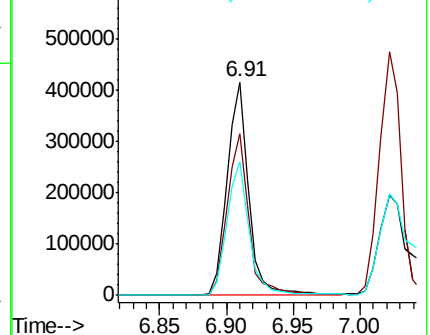
77 62.7 50.2 75.2



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: 49.808 ng

RT: 7.04 min Scan# 842

Delta R.T. -0.00 min

Lab File: BF118960.D

Acq: 20 Feb 2020 14:50

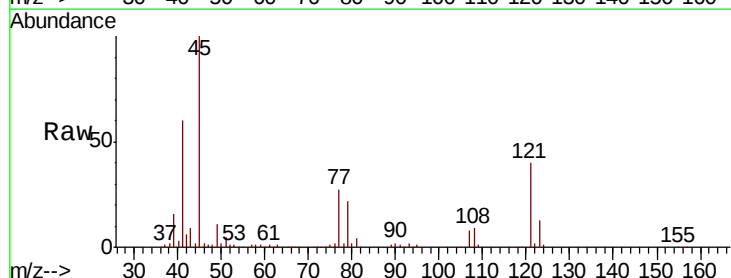
Tgt Ion: 45 Resp: 474916

Ion Ratio Lower Upper

45 100

77 27.5 6.1 46.1

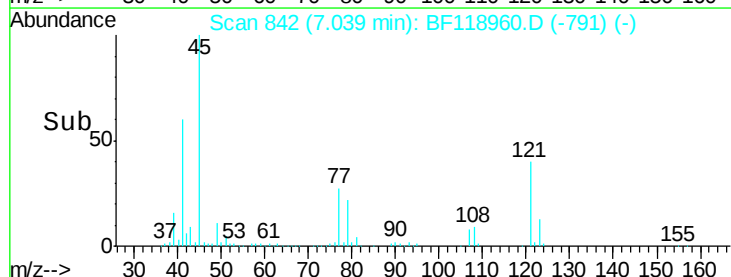
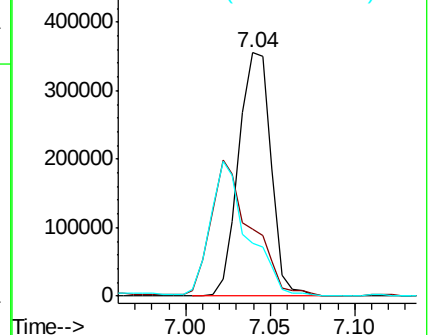
79 21.8 0.5 40.5

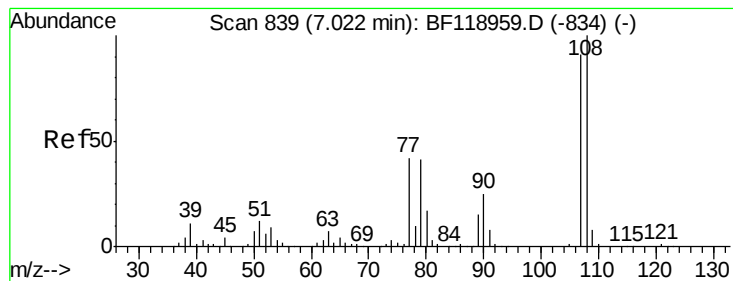


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

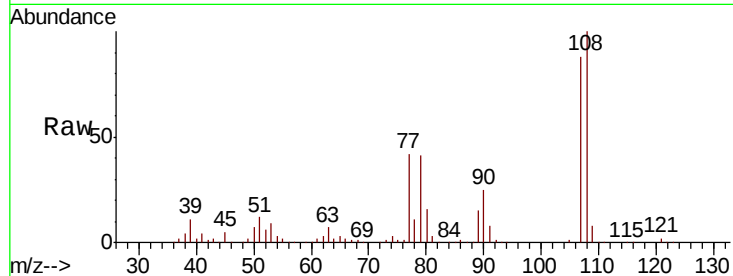




#17
2-Methylphenol
Concen: 51.336 ng
RT: 7.02 min Scan# 839
Delta R.T. -0.00 min
Lab File: BF118960.D
Acq: 20 Feb 2020 14:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.1	87.7	131.5
77	47.4	36.8	55.2
79	46.9	36.4	54.6



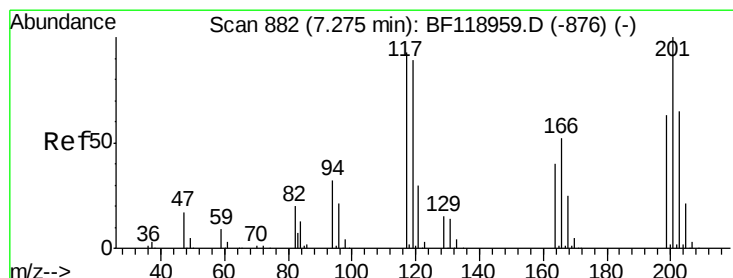
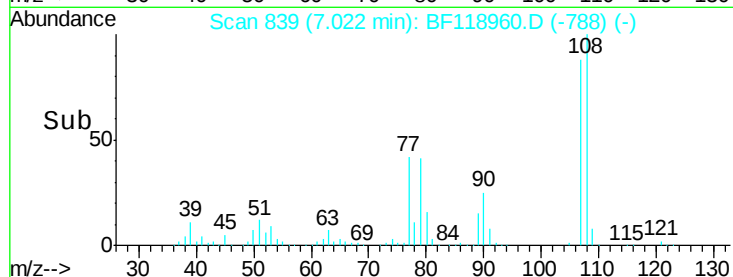
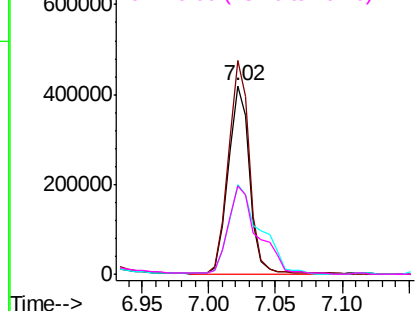
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

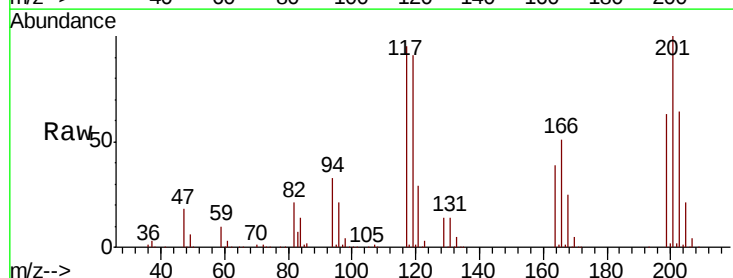
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 52.102 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.00 min
Lab File: BF118960.D
Acq: 20 Feb 2020 14:50

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.3	77.0	115.6
201	105.1	86.4	129.6

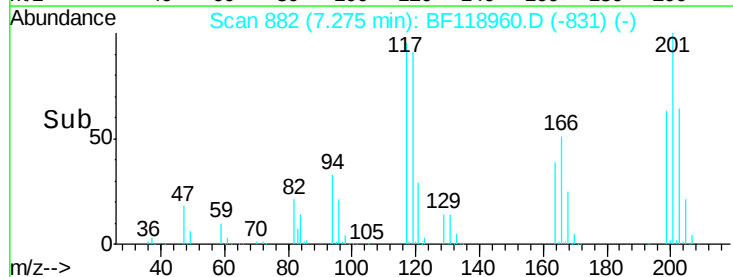
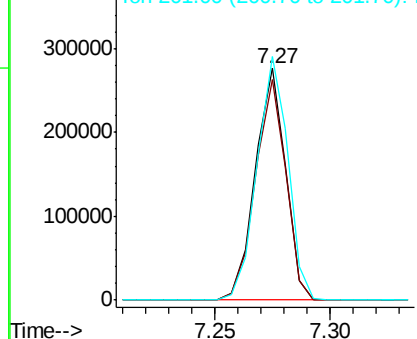


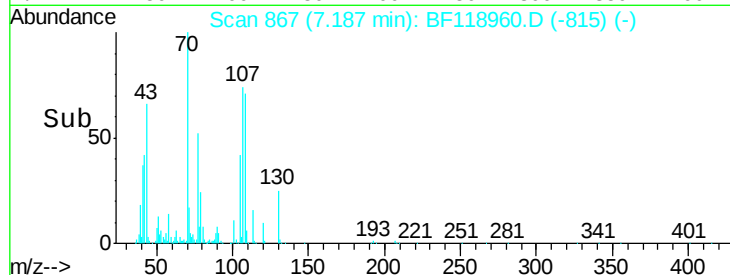
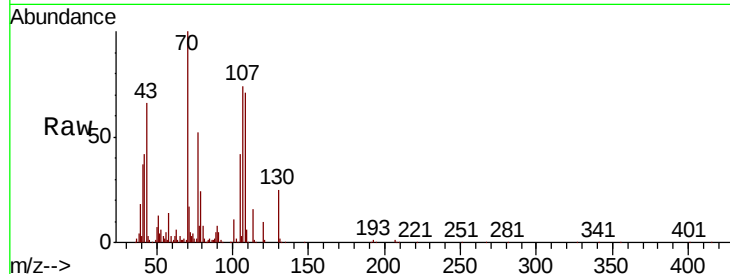
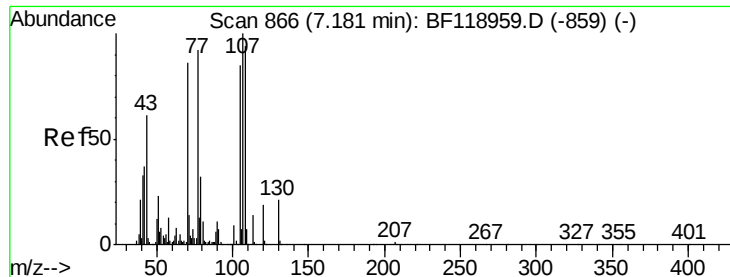
Abundance

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

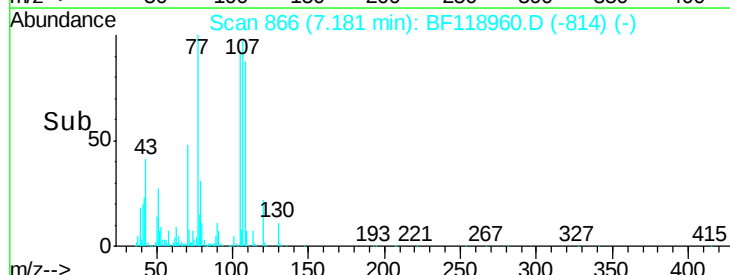
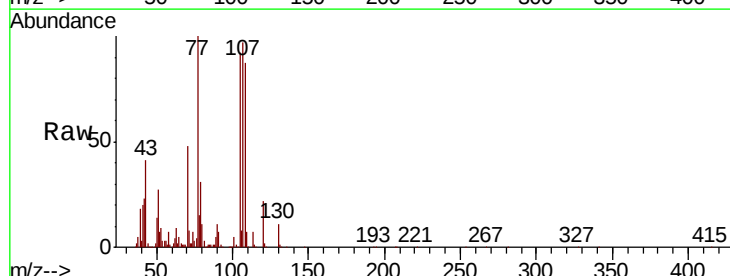
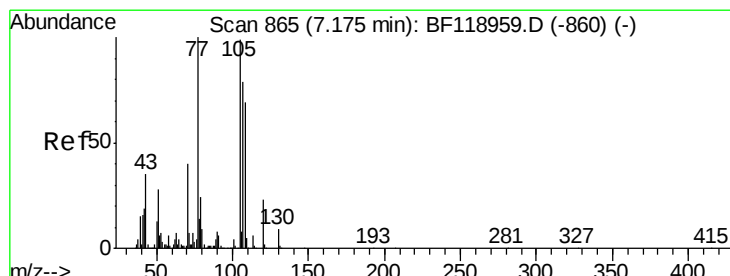
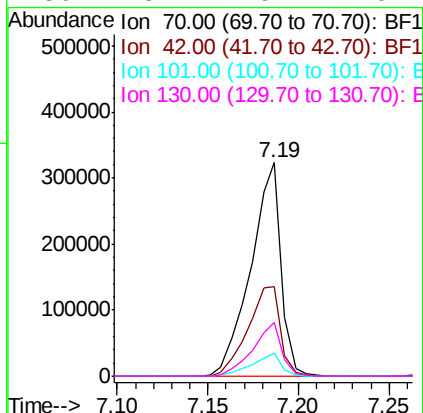




#19
n-Nitroso-di-n-propylamine
Concen: 49.847 ng
RT: 7.19 min Scan# 867
Delta R.T. 0.01 min
Lab File: BF118960.D
Acq: 20 Feb 2020 14:50

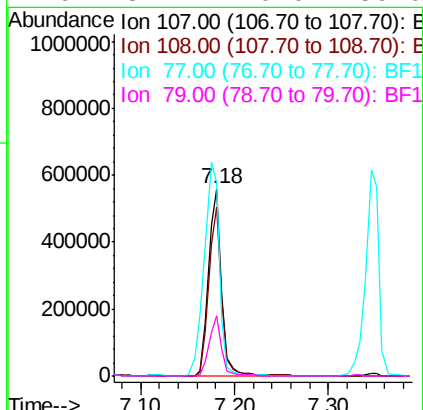
Instrument :
BNA_F
ClientSampleId :

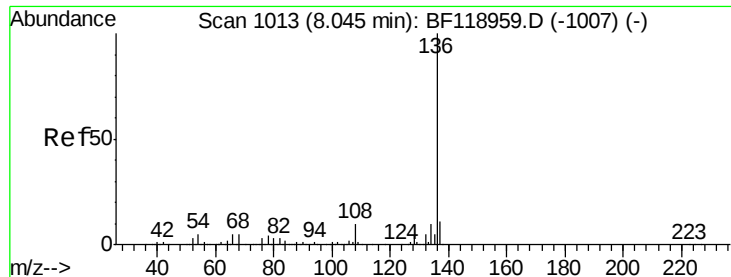
Tot Ion:	70	Resp:	374590
Ion	Ratio	Lower	Upper
70	100		
42	42.1	34.6	51.8
101	10.5	8.1	12.1
130	25.1	19.4	29.2



#20
3+4-Methylphenols
Concen: 50.608 ng
RT: 7.18 min Scan# 866
Delta R.T. 0.01 min
Lab File: BF118960.D
Acq: 20 Feb 2020 14:50

Tgt Ion:	107	Resp:	544760
Ion	Ratio	Lower	Upper
107	100		
108	90.0	67.0	107.0
77	102.9	106.2	146.2#
79	32.2	10.0	50.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1013

Delta R.T. -0.00 min

Lab File: BF118960.D

Acq: 20 Feb 2020 14:50

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 629347

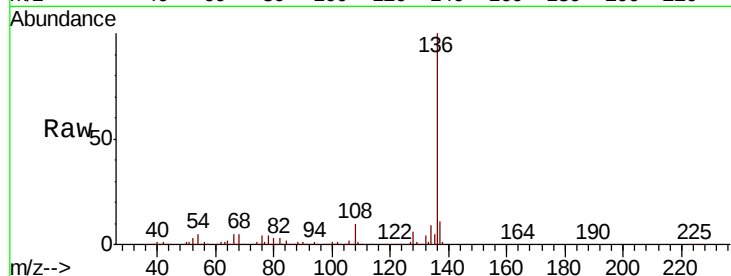
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 5.0 3.8 5.6

68 5.1 4.2 6.2

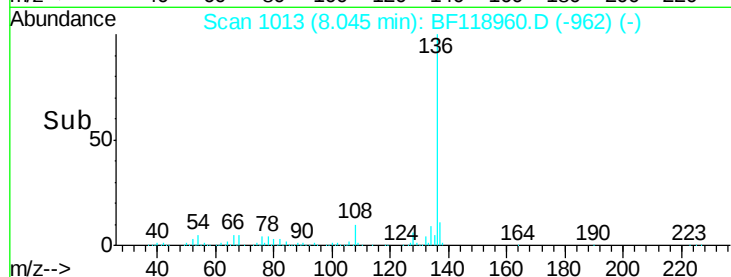


Abundance Ion 136.00 (135.70 to 136.70): E

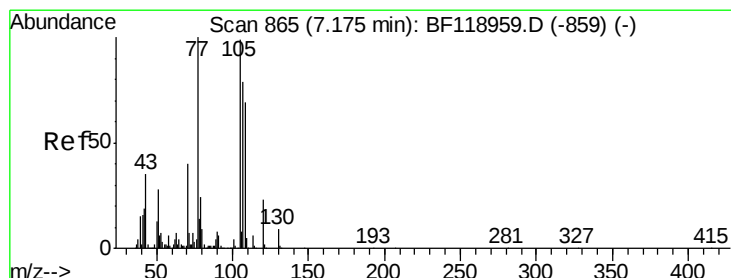
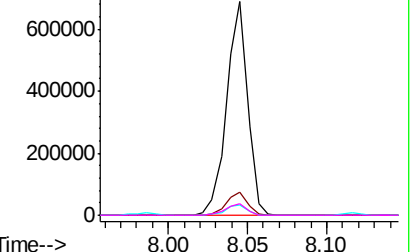
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#22

Acetophenone

Concen: 53.271 ng

RT: 7.17 min Scan# 865

Delta R.T. -0.00 min

Lab File: BF118960.D

Acq: 20 Feb 2020 14:50

Tgt Ion:105 Resp: 729627

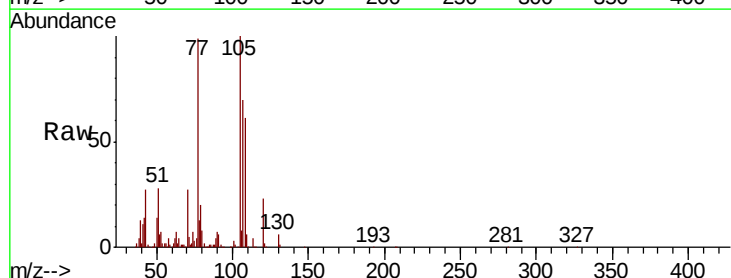
Ion Ratio Lower Upper

105 100

71 4.7 5.4 8.0#

51 28.5 22.5 33.7

120 22.8 18.4 27.6

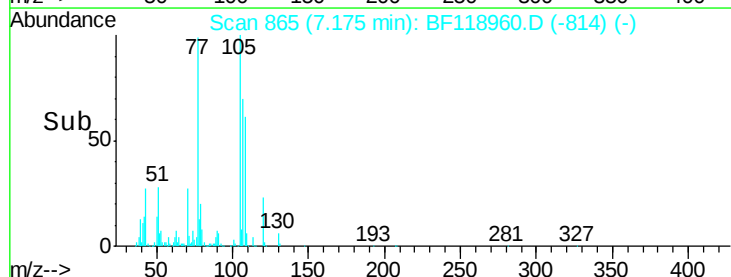


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

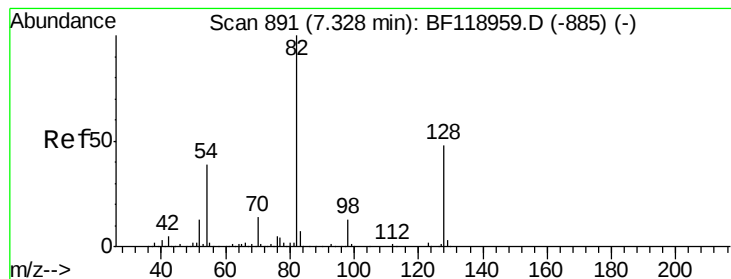
Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



Time-->





#23

Nitrobenzene-d5

Concen: 108.030 ng

RT: 7.33 min Scan# 891

Delta R.T. -0.00 min

Lab File: BF118960.D

Acq: 20 Feb 2020 14:50

Instrument :

BNA_F

ClientSampleId :

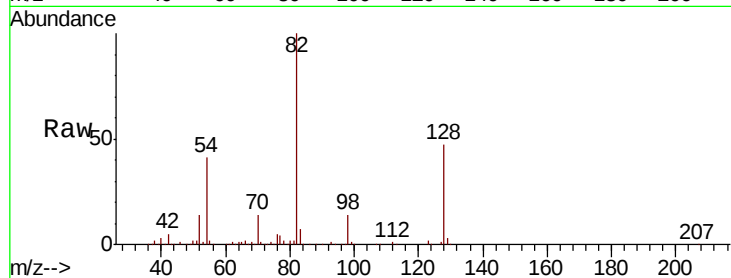
Tot Ion: 82 Resp: 1222395

Ion Ratio Lower Upper

82 100

128 47.0 38.2 57.2

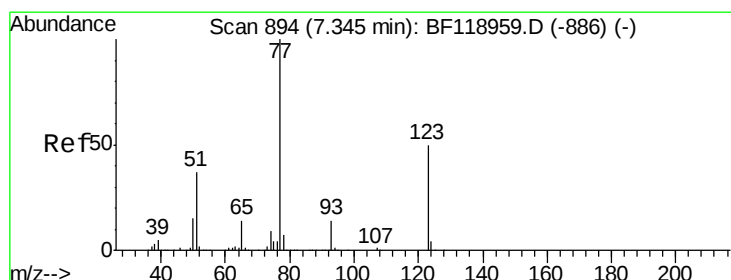
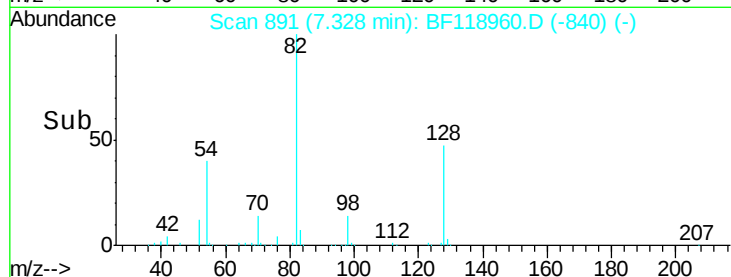
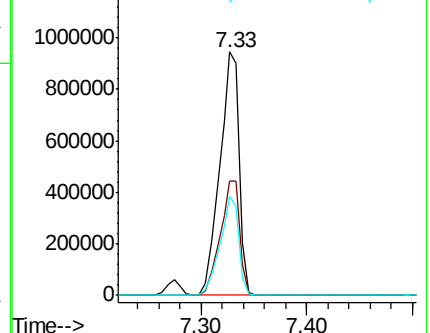
54 40.6 31.3 46.9



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: 52.581 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.00 min

Lab File: BF118960.D

Acq: 20 Feb 2020 14:50

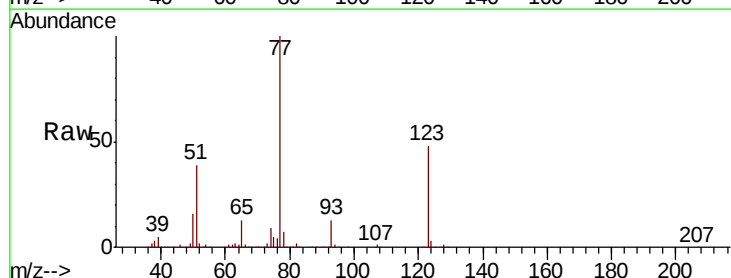
Tgt Ion: 77 Resp: 602482

Ion Ratio Lower Upper

77 100

123 48.1 40.1 60.1

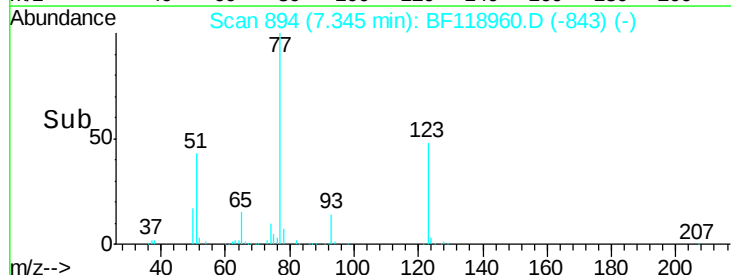
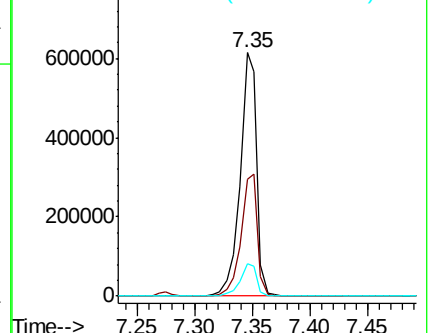
65 13.2 10.9 16.3

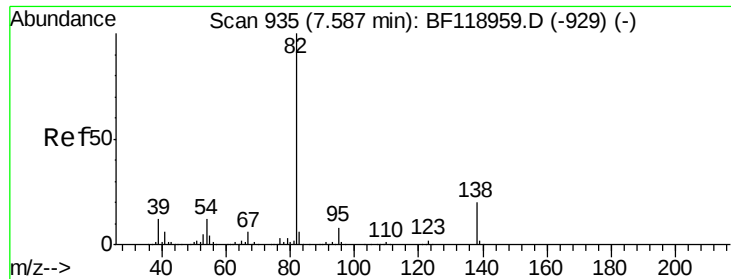


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 51.755 ng

RT: 7.59 min Scan# 935

Delta R.T. -0.00 min

Lab File: BF118960.D

Acq: 20 Feb 2020 14:50

Instrument :

BNA_F

ClientSampled :

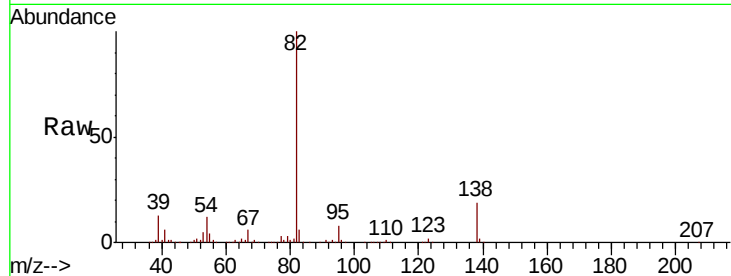
Tot Ion: 82 Resp: 1048627

Ion Ratio Lower Upper

82 100

95 7.8 6.1 9.1

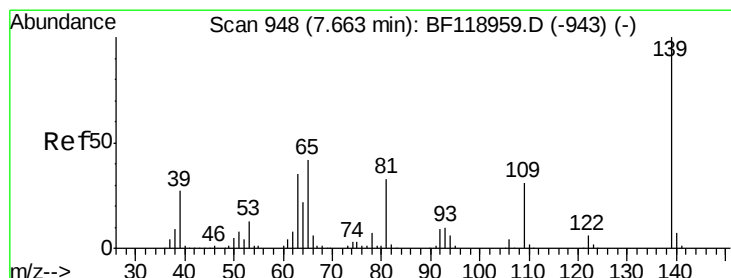
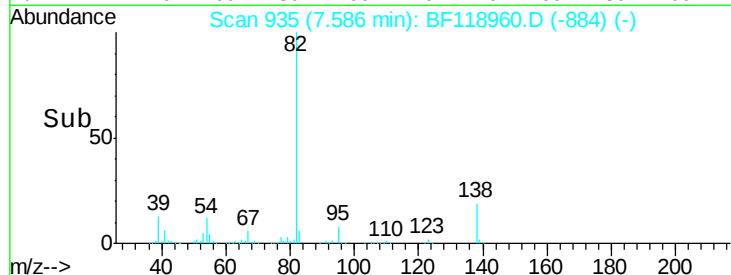
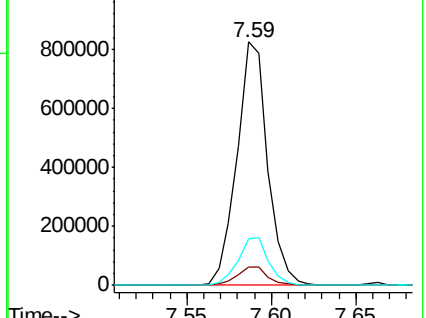
138 19.0 15.8 23.6



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: 52.792 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.00 min

Lab File: BF118960.D

Acq: 20 Feb 2020 14:50

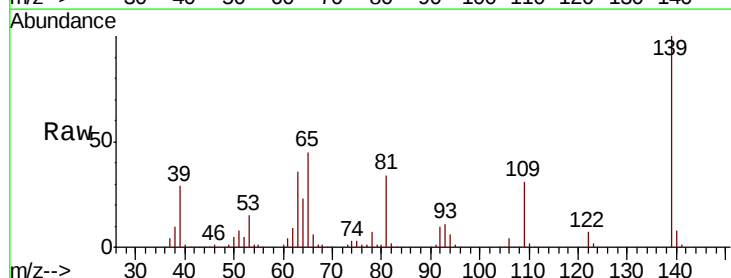
Tgt Ion: 139 Resp: 323046

Ion Ratio Lower Upper

139 100

109 30.5 24.6 36.8

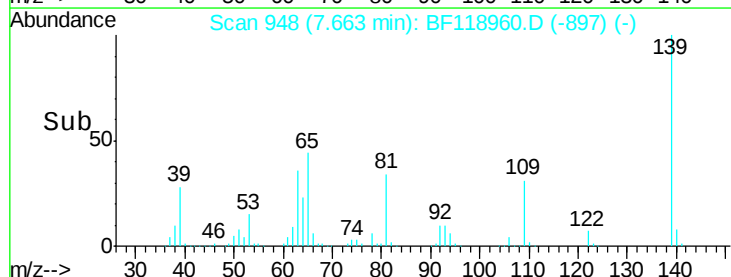
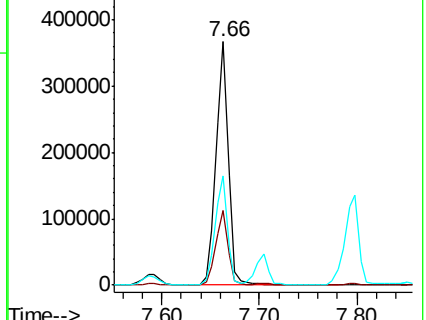
65 44.7 33.6 50.4

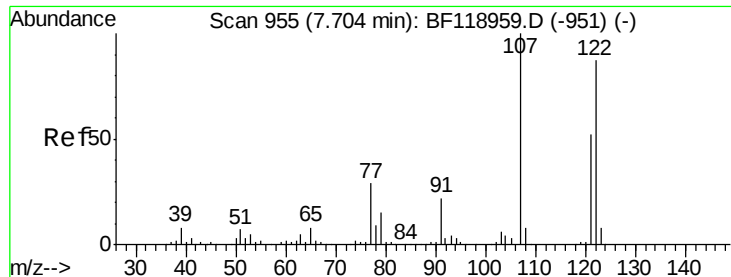


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 52.987 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.00 min

Lab File: BF118960.D

Acq: 20 Feb 2020 14:50

Instrument :

BNA_F

ClientSampleId :

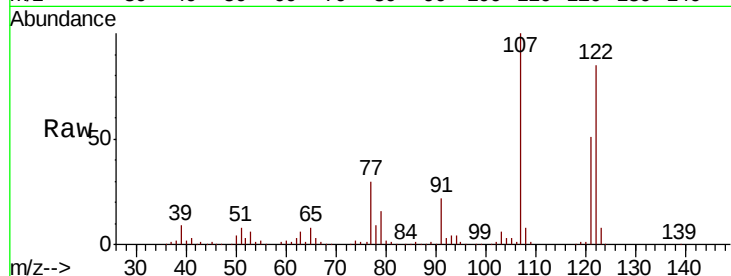
Tot Ion:122 Resp: 433931

Ion Ratio Lower Upper

122 100

107 117.9 91.8 137.8

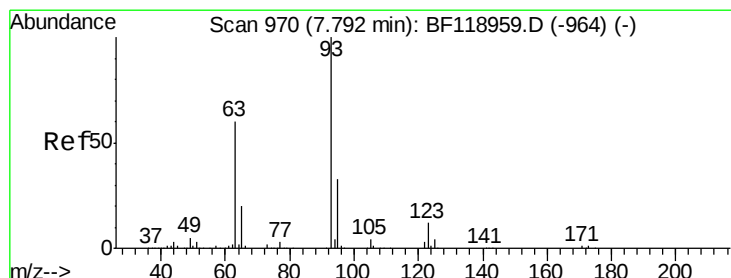
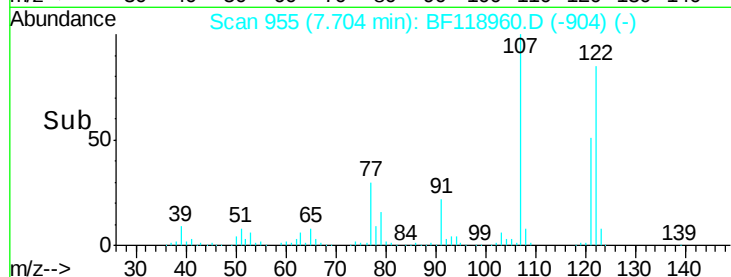
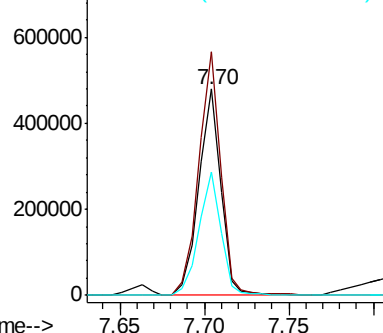
121 59.6 47.4 71.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 51.950 ng

RT: 7.80 min Scan# 971

Delta R.T. 0.01 min

Lab File: BF118960.D

Acq: 20 Feb 2020 14:50

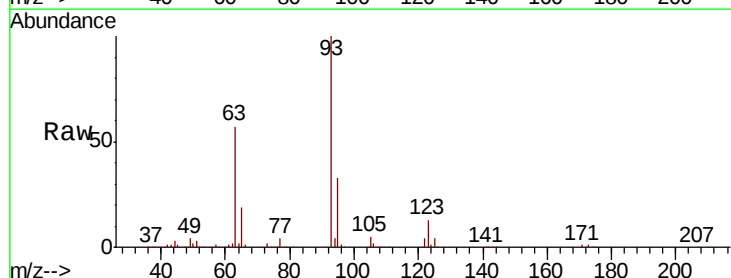
Tgt Ion: 93 Resp: 688559

Ion Ratio Lower Upper

93 100

95 32.7 26.3 39.5

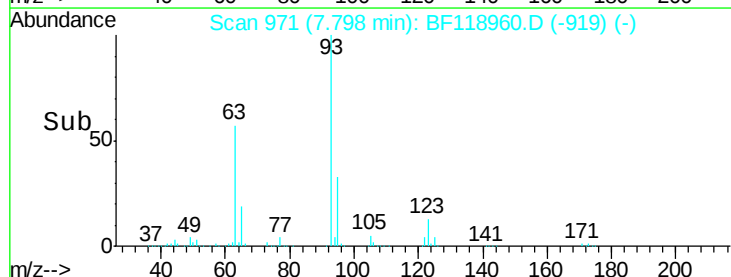
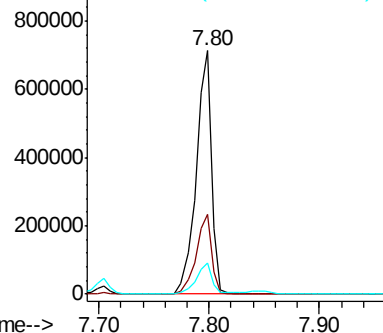
123 12.8 9.8 14.8

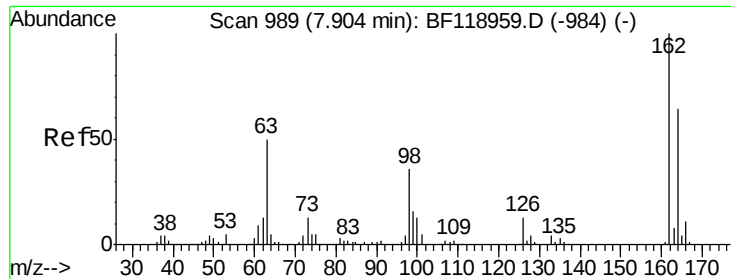


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

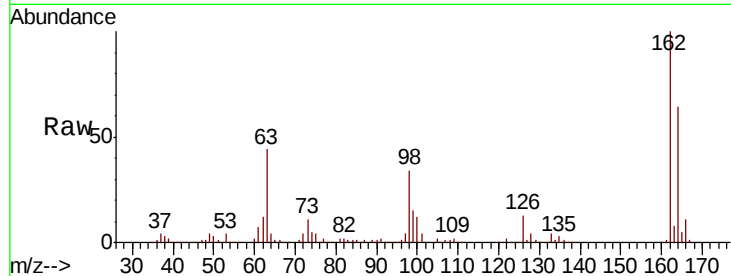




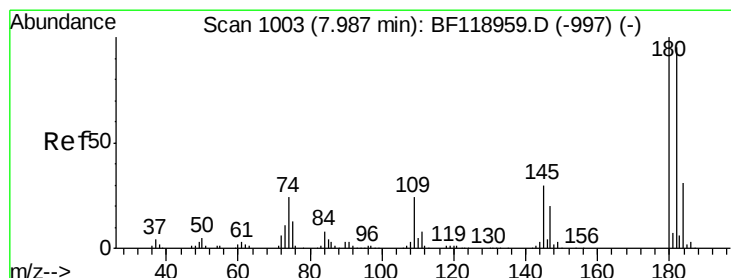
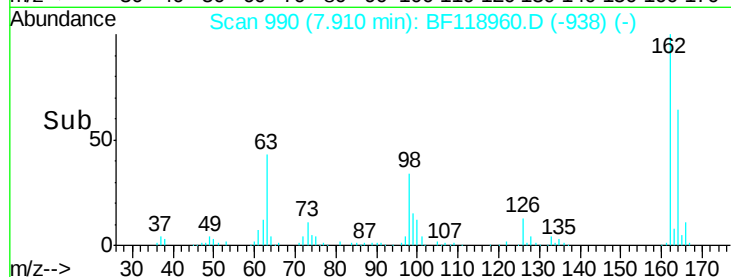
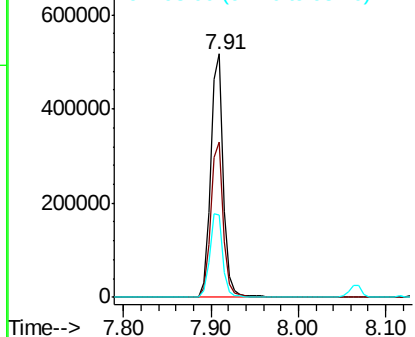
#29
 2,4-Dichlorophenol
 Concen: 52.958 ng
 RT: 7.91 min Scan# 990
 Delta R.T. 0.01 min
 Lab File: BF118960.D
 Acq: 20 Feb 2020 14:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 517222
 Ion Ratio Lower Upper
 162 100
 164 63.9 44.1 84.1
 98 33.8 16.4 56.4

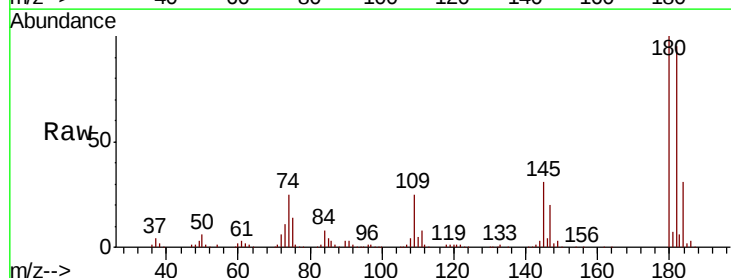


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

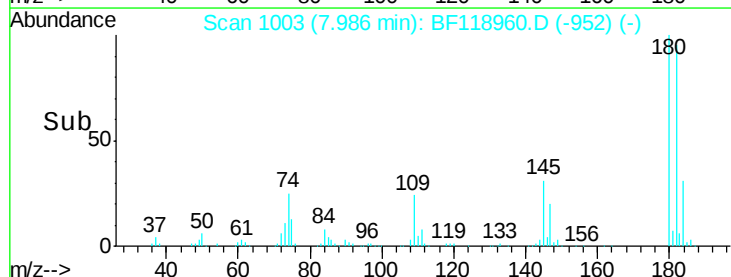
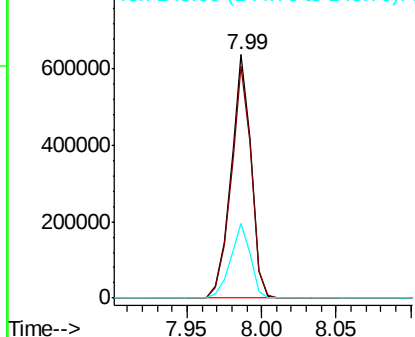


#30
 1,2,4-Trichlorobenzene
 Concen: 52.724 ng
 RT: 7.99 min Scan# 1003
 Delta R.T. -0.00 min
 Lab File: BF118960.D
 Acq: 20 Feb 2020 14:50

Tgt Ion:180 Resp: 604133
 Ion Ratio Lower Upper
 180 100
 182 95.2 75.8 113.8
 145 30.6 24.2 36.2



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: 51.890 ng

RT: 8.07 min Scan# 1017

Delta R.T. 0.01 min

Lab File: BF118960.D

Acq: 20 Feb 2020 14:50

Instrument :

BNA_F

ClientSampleId :

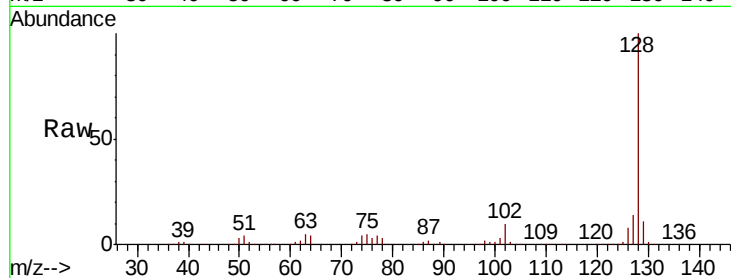
Tot Ion:128 Resp: 1654941

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.4

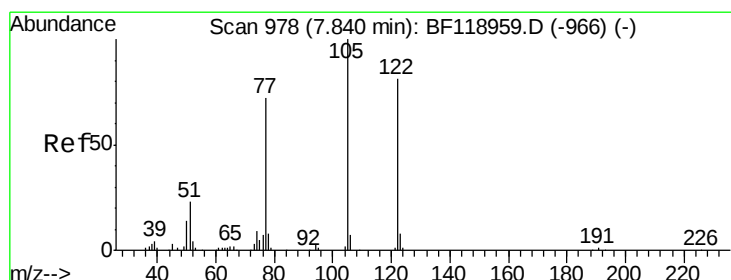
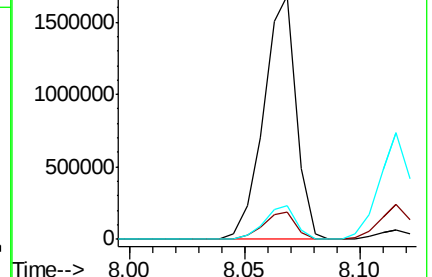
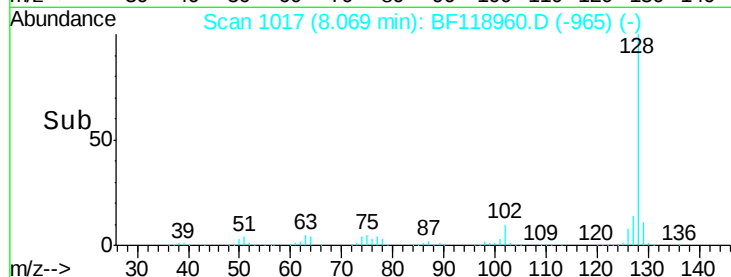
127 14.0 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 52.000 ng

RT: 7.85 min Scan# 980

Delta R.T. 0.01 min

Lab File: BF118960.D

Acq: 20 Feb 2020 14:50

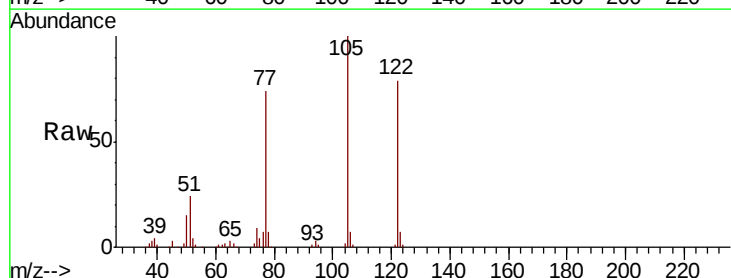
Tgt Ion:122 Resp: 307631

Ion Ratio Lower Upper

122 100

105 127.4 102.2 142.2

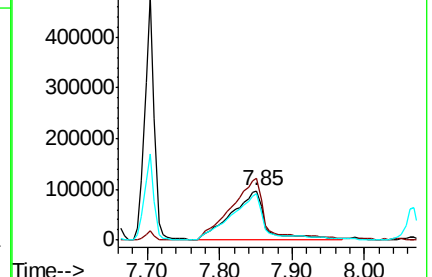
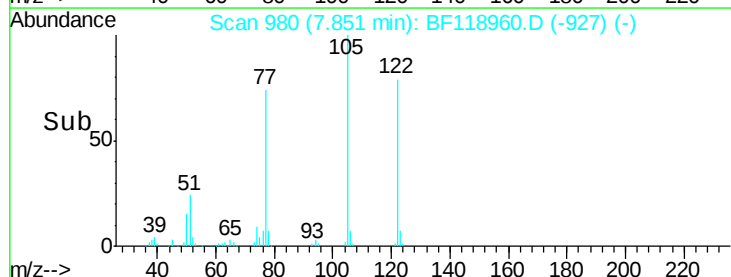
77 94.4 68.6 108.6

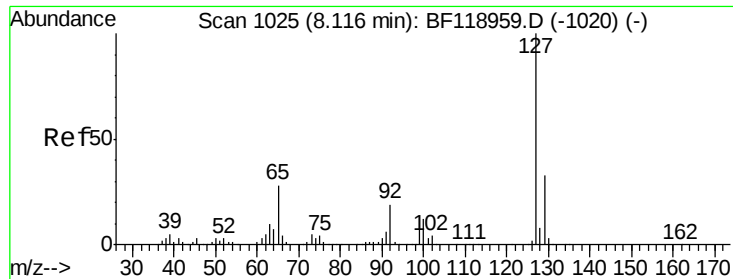


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

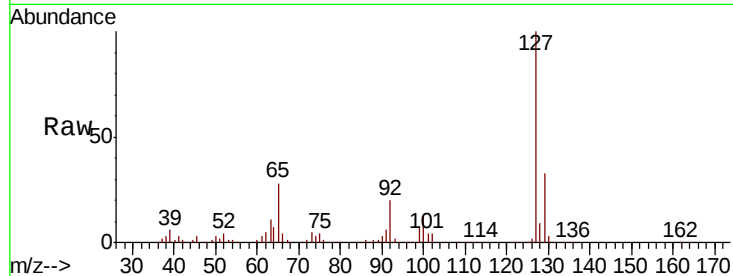




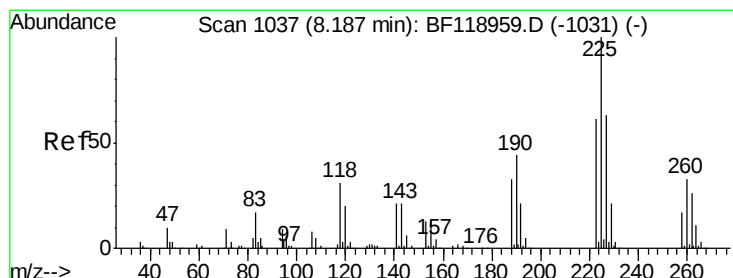
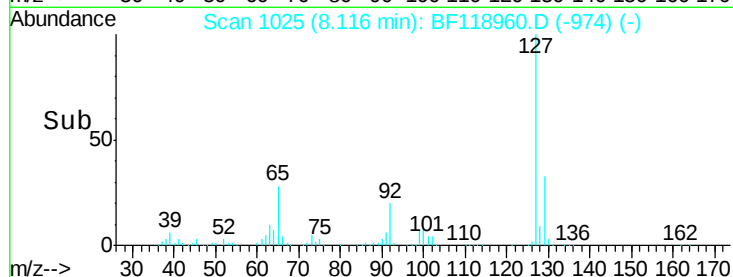
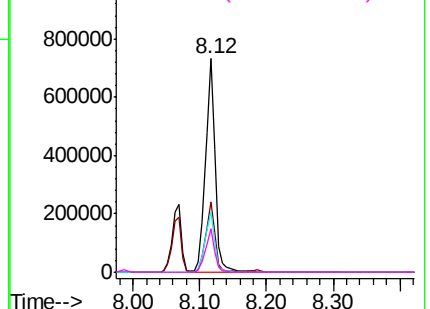
#33
4-Chloroaniline
Concen: 52.602 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BF118960.D
Acq: 20 Feb 2020 14:50

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	718247
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.2	39.2
65	28.4	22.0	33.0
92	20.1	15.5	23.3

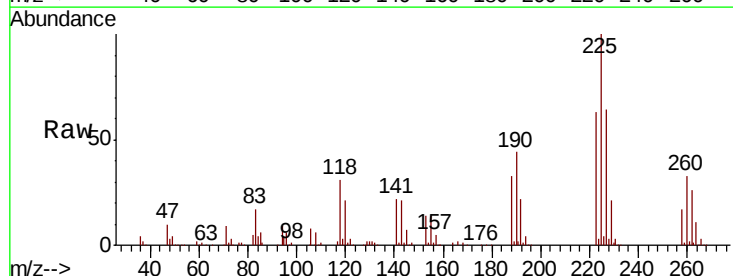


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

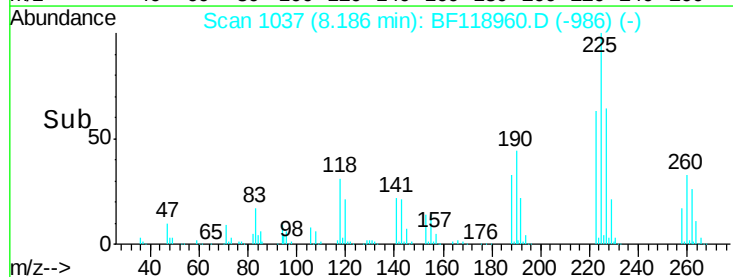
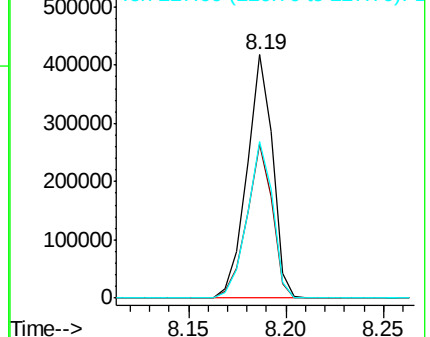


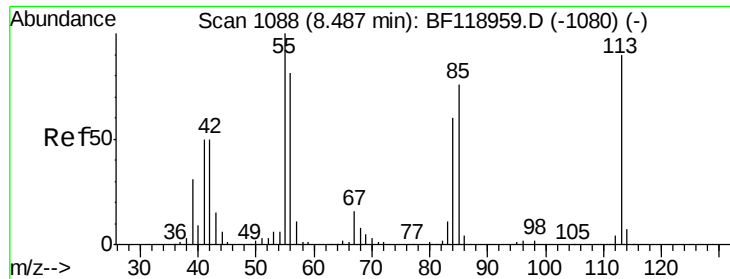
#34
Hexachlorobutadiene
Concen: 53.831 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF118960.D
Acq: 20 Feb 2020 14:50

Tgt Ion:	225	Resp:	381610
Ion	Ratio	Lower	Upper
225	100		
223	63.4	48.9	73.3
227	64.4	50.4	75.6



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

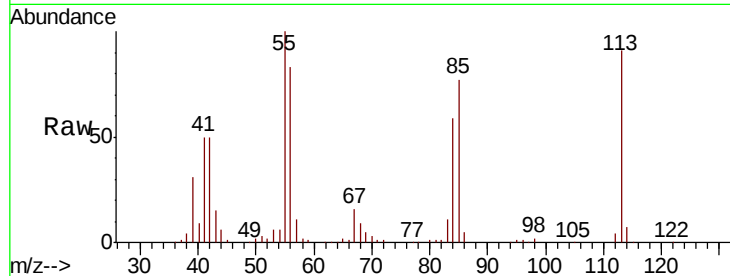




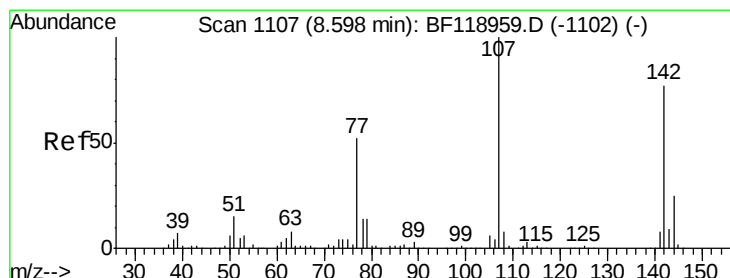
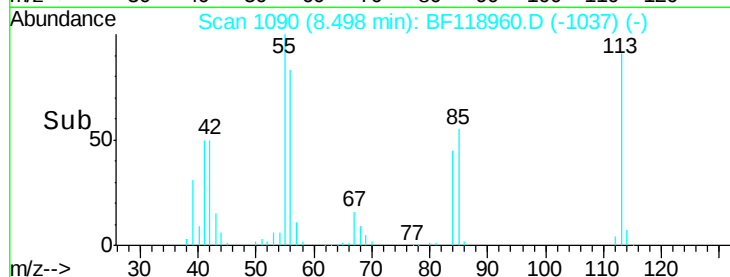
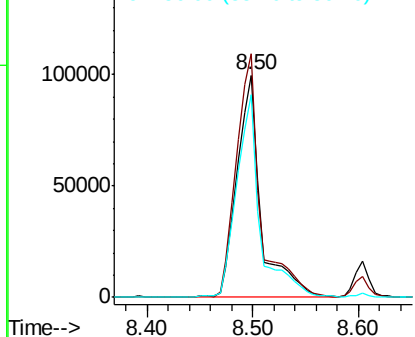
#35
 Caprolactam
 Concen: 53.060 ng
 RT: 8.50 min Scan# 1090
 Delta R.T. 0.01 min
 Lab File: BF118960.D
 Acq: 20 Feb 2020 14:50

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 156792
 Ion Ratio Lower Upper
 113 100
 55 109.7 90.8 130.8
 56 91.2 70.0 110.0

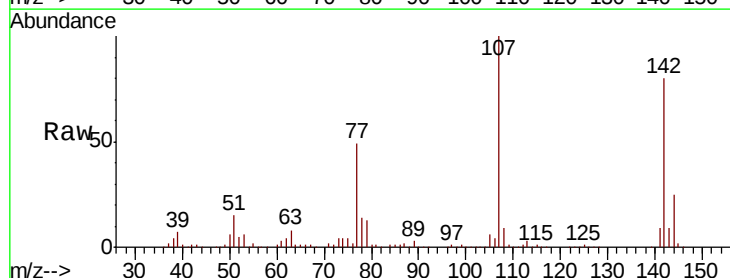


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

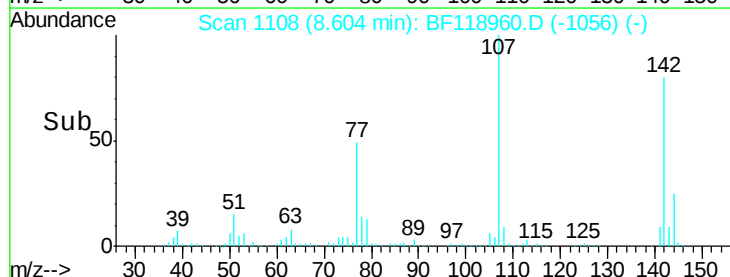
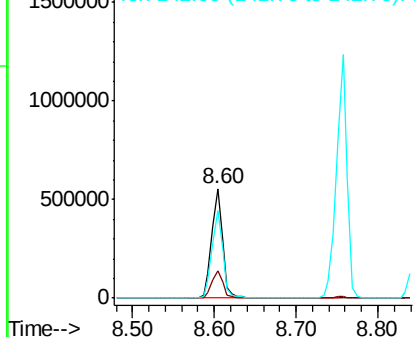


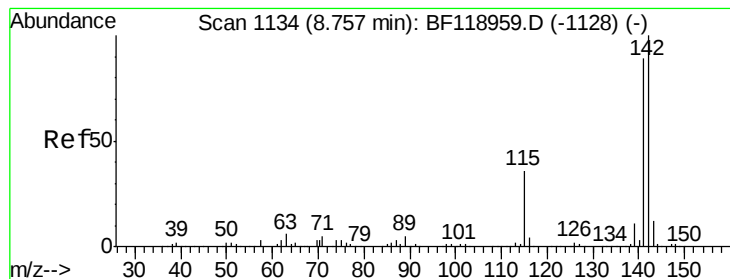
#36
 4-Chloro-3-methylphenol
 Concen: 52.820 ng
 RT: 8.60 min Scan# 1108
 Delta R.T. 0.01 min
 Lab File: BF118960.D
 Acq: 20 Feb 2020 14:50

Tgt Ion:107 Resp: 515496
 Ion Ratio Lower Upper
 107 100
 144 25.5 19.8 29.8
 142 79.6 61.3 91.9



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





#37

2-Methylnaphthalene

Concen: 52.500 ng

RT: 8.76 min Scan# 1134

Delta R.T. -0.00 min

Lab File: BF118960.D

Acq: 20 Feb 2020 14:50

Instrument :

BNA_F

ClientSampleId :

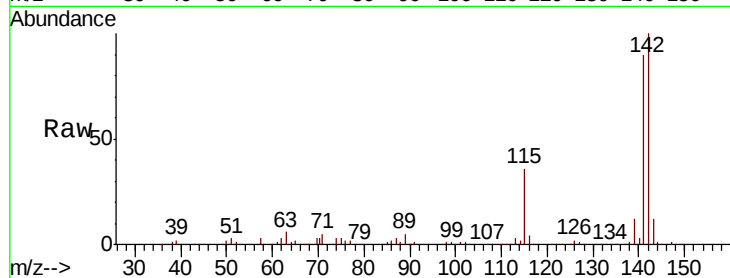
Tot Ion:142 Resp: 1116961

Ion Ratio Lower Upper

142 100

141 90.0 71.0 106.4

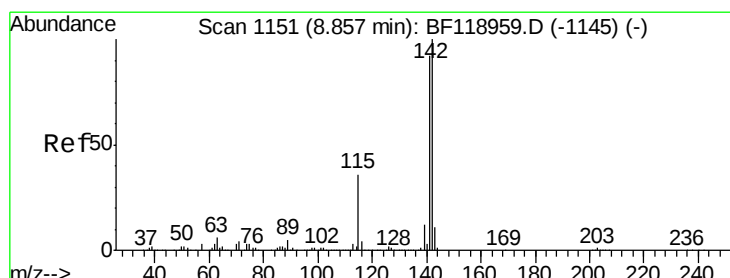
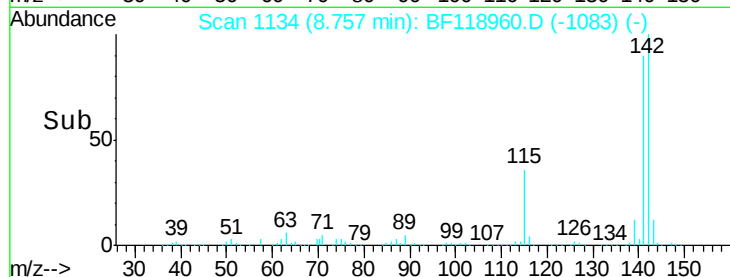
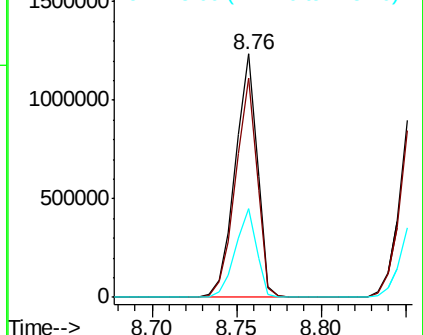
115 36.4 28.6 42.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 52.510 ng

RT: 8.86 min Scan# 1151

Delta R.T. -0.00 min

Lab File: BF118960.D

Acq: 20 Feb 2020 14:50

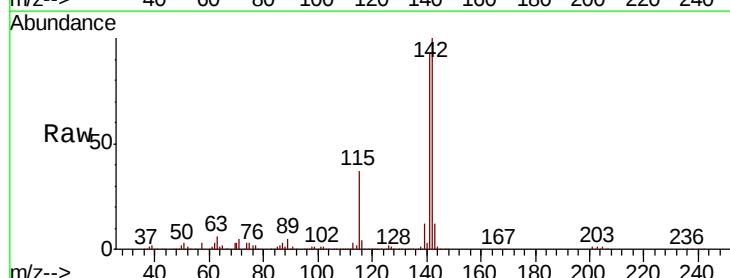
Tgt Ion:142 Resp: 1047632

Ion Ratio Lower Upper

142 100

141 92.5 73.7 110.5

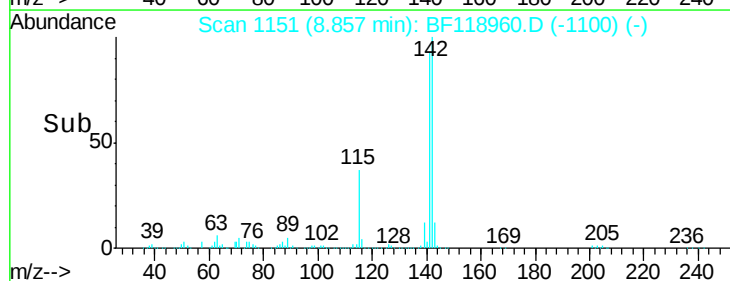
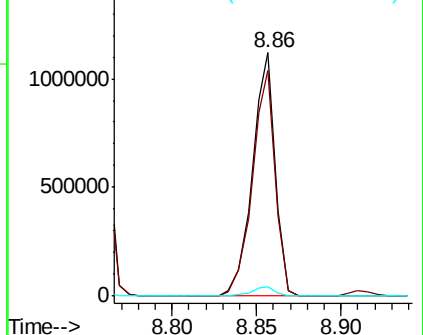
116 4.0 3.0 4.6

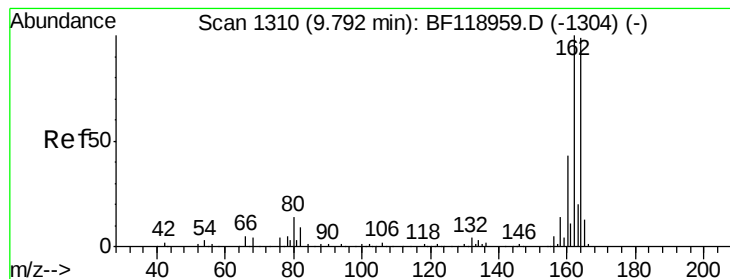


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.00 min

Lab File: BF118960.D

Acq: 20 Feb 2020 14:50

Instrument :

BNA_F

ClientSampleId :

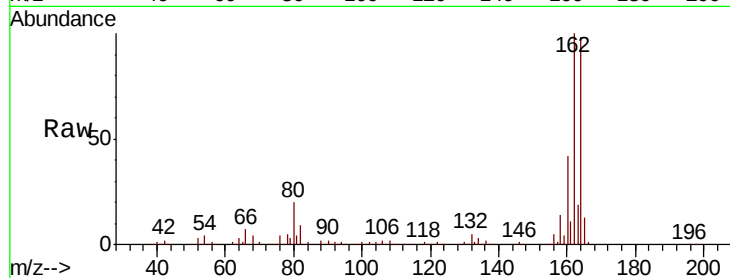
Tot Ion:164 Resp: 338704

Ion Ratio Lower Upper

164 100

162 102.1 81.2 121.8

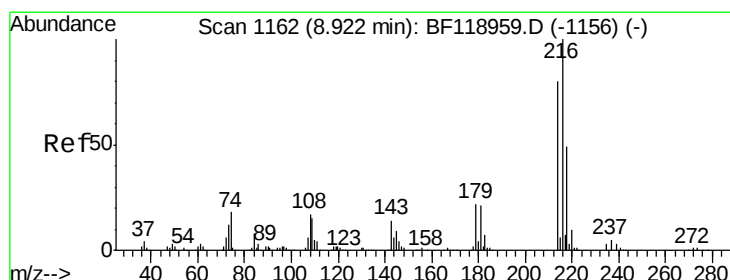
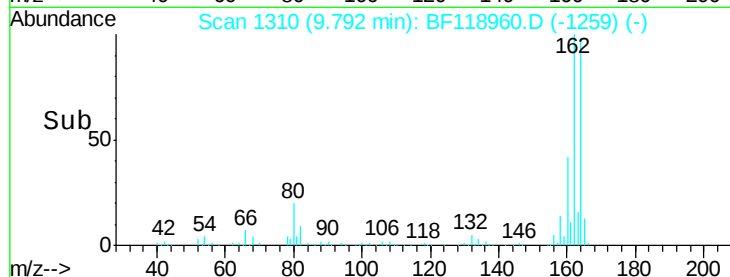
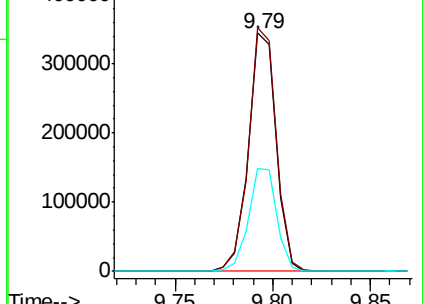
160 43.2 35.2 52.8



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: 53.963 ng

RT: 8.93 min Scan# 1163

Delta R.T. 0.01 min

Lab File: BF118960.D

Acq: 20 Feb 2020 14:50

Tgt Ion:216 Resp: 586373

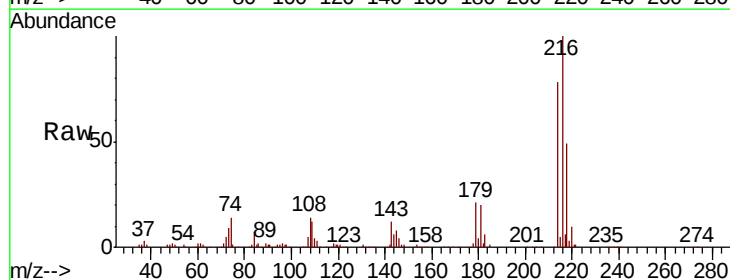
Ion Ratio Lower Upper

216 100

214 78.6 63.1 94.7

179 21.5 17.2 25.8

108 16.9 13.4 20.0

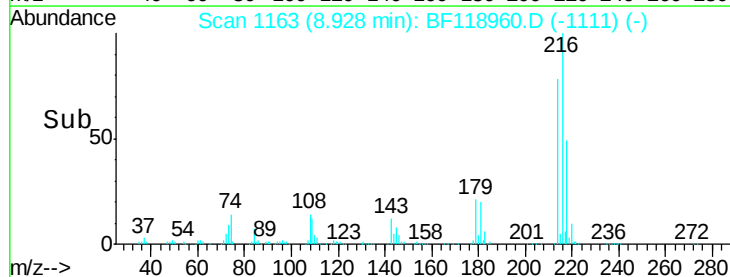
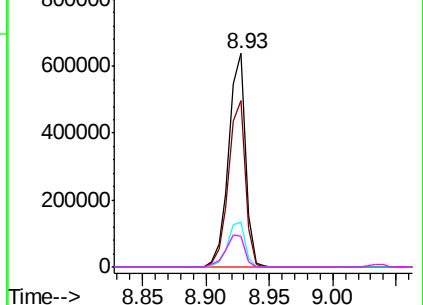


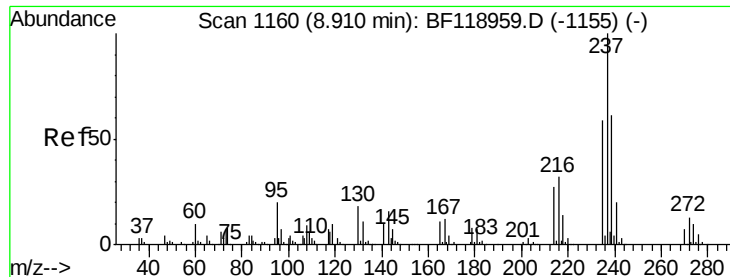
Abundance Ion 216.00 (215.70 to 216.70): E

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: 59.746 ng

RT: 8.92 min Scan# 1161

Delta R.T. 0.01 min

Lab File: BF118960.D

Acq: 20 Feb 2020 14:50

Instrument :

BNA_F

ClientSampled :

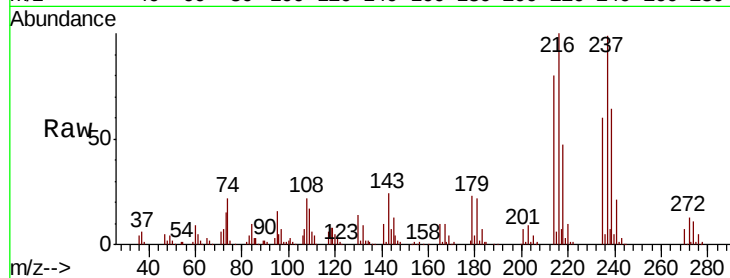
Tot Ion:237 Resp: 194803

Ion Ratio Lower Upper

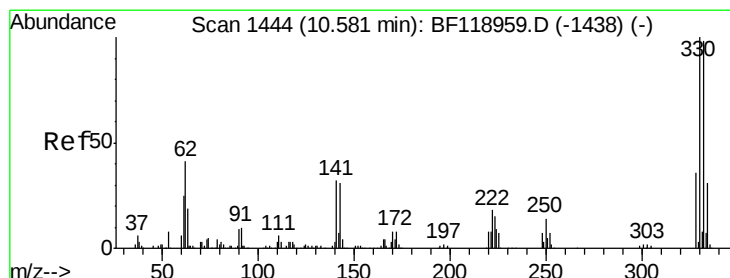
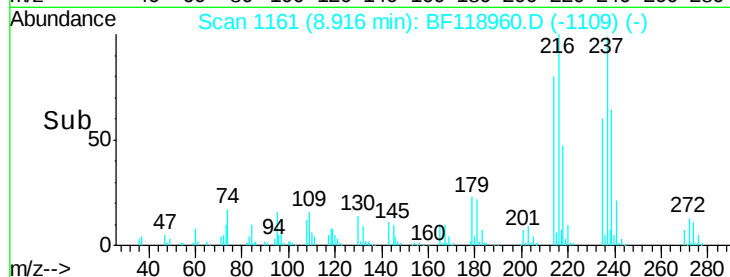
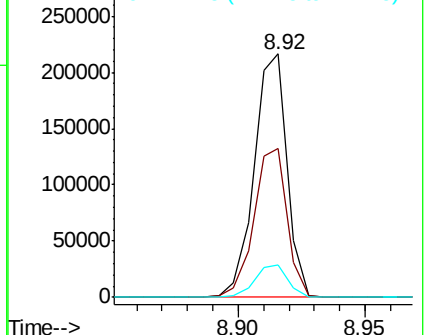
237 100

235 61.2 39.4 79.4

272 13.4 0.0 32.6



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



#42

2,4,6-Tribromophenol

Concen: 106.569 ng

RT: 10.59 min Scan# 1445

Delta R.T. 0.01 min

Lab File: BF118960.D

Acq: 20 Feb 2020 14:50

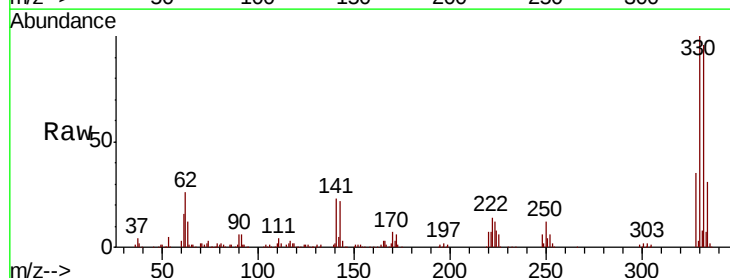
Tgt Ion:330 Resp: 447162

Ion Ratio Lower Upper

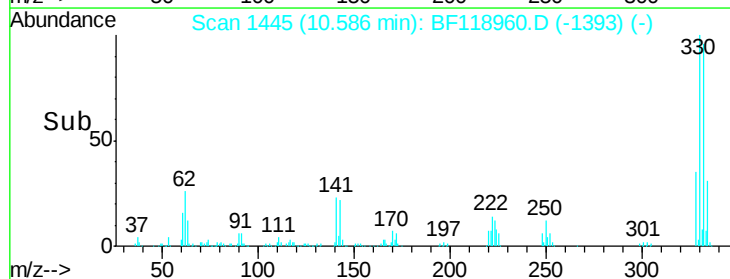
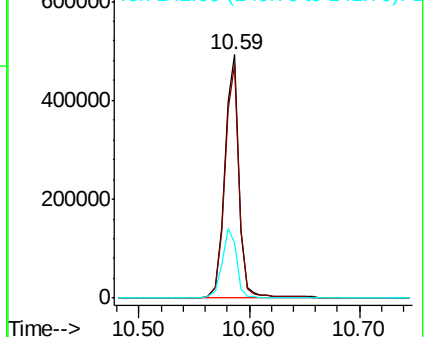
330 100

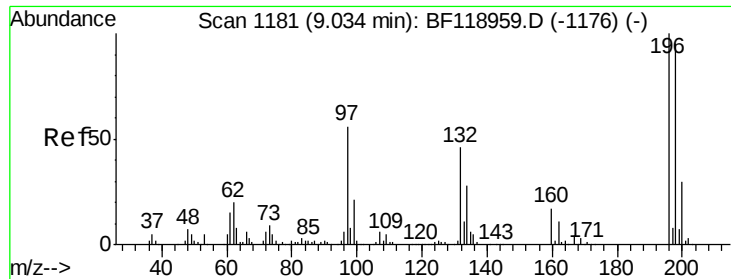
332 97.3 77.1 115.7

141 29.1 23.0 34.6



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

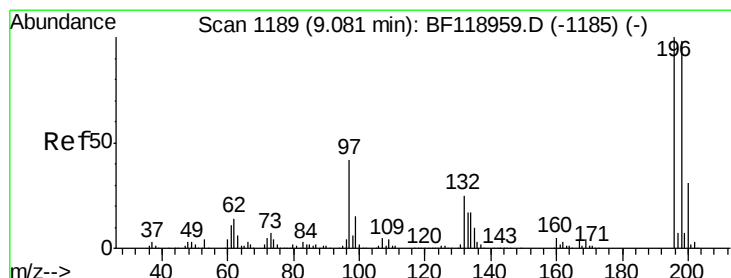
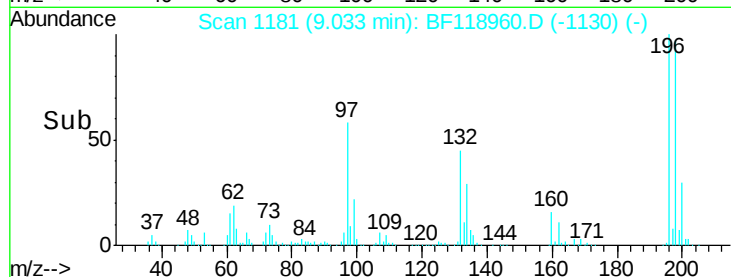
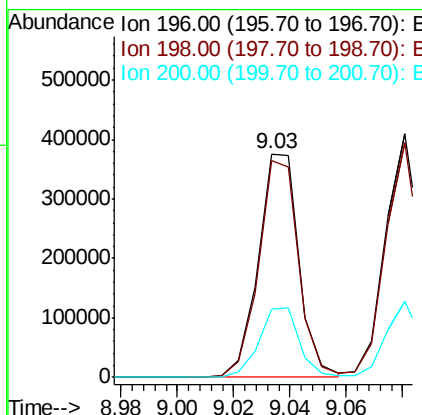
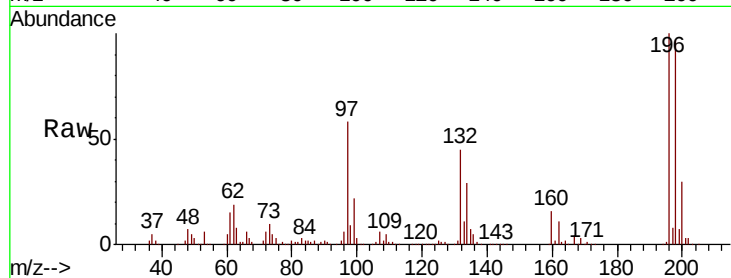




#43
 2,4,6-Trichlorophenol
 Concen: 52.121 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: BF118960.D
 Acq: 20 Feb 2020 14:50

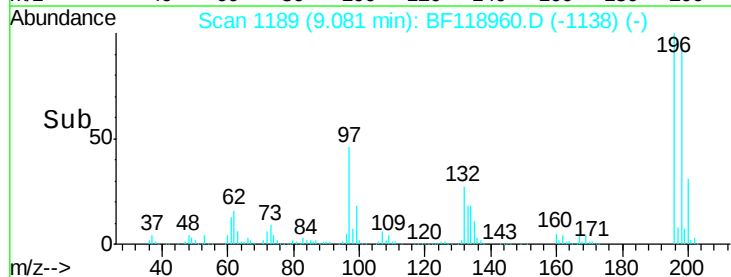
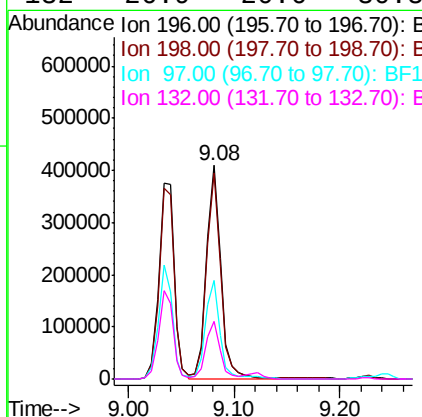
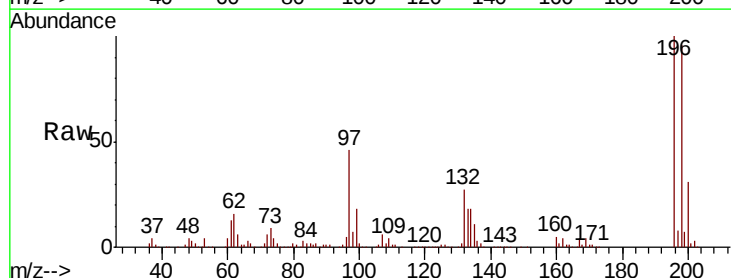
Instrument :
 BNA_F
 ClientSampleId :

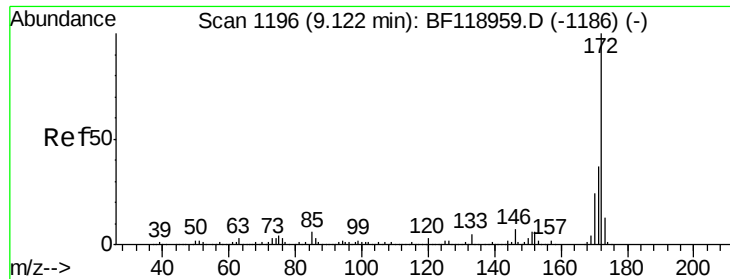
Tot Ion	Ratio	Lower	Upper
196	100		
198	97.3	75.8	113.6
200	30.5	24.1	36.1



#44
 2,4,5-Trichlorophenol
 Concen: 52.792 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF118960.D
 Acq: 20 Feb 2020 14:50

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.2	78.4	117.6
97	46.5	33.4	50.0
132	26.9	20.6	30.8



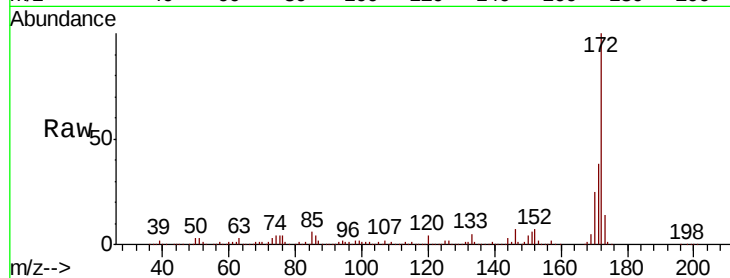


#45
 2-Fluorobiphenyl
 Concen: 106.807 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.00 min
 Lab File: BF118960.D
 Acq: 20 Feb 2020 14:50

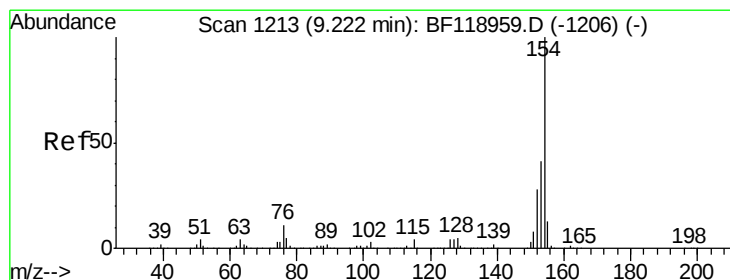
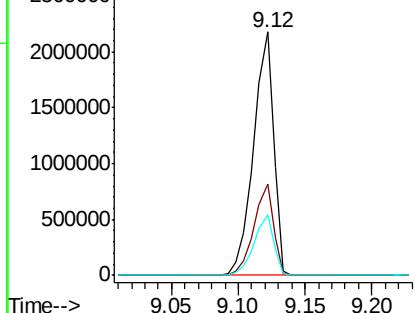
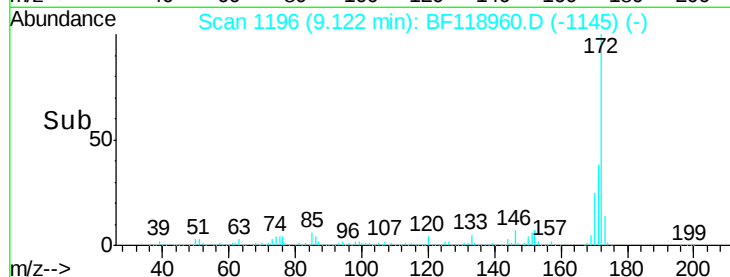
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 2239605

Ion	Ratio	Lower	Upper
172	100		
171	37.7	29.4	44.2
170	24.8	19.6	29.4



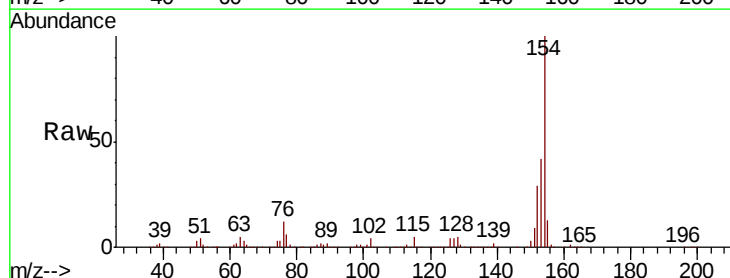
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



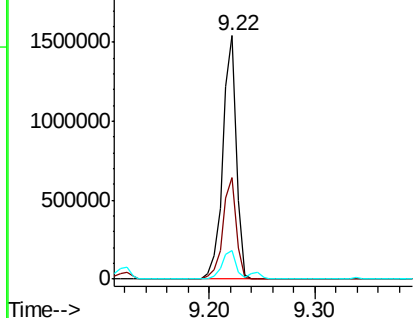
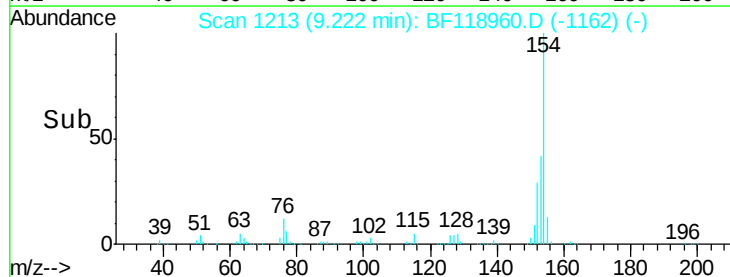
#46
 1,1'-Biphenyl
 Concen: 53.381 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.00 min
 Lab File: BF118960.D
 Acq: 20 Feb 2020 14:50

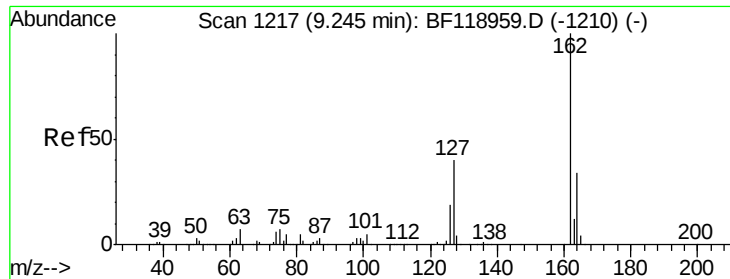
Tgt Ion:154 Resp: 1389995

Ion	Ratio	Lower	Upper
154	100		
153	41.6	21.2	61.2
76	11.8	0.0	31.1



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

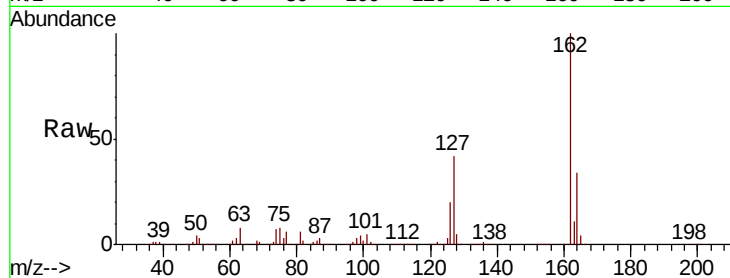




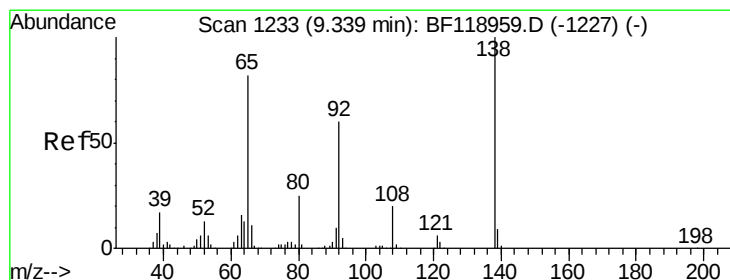
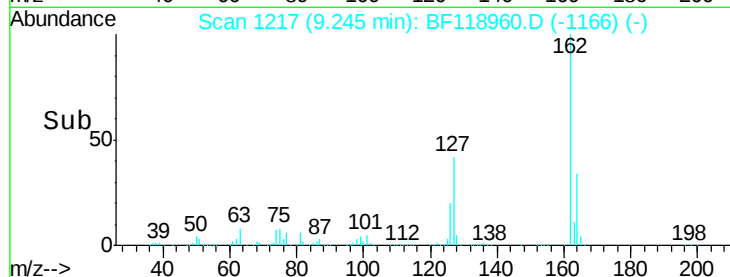
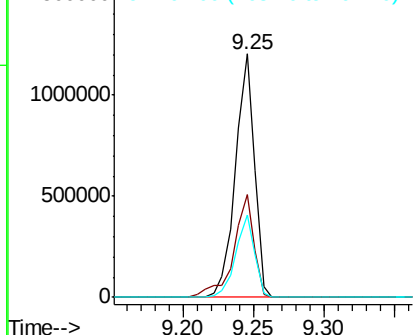
#47
2-Chloronaphthalene
Concen: 52.423 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.00 min
Lab File: BF118960.D
Acq: 20 Feb 2020 14:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 1132875
Ion Ratio Lower Upper
162 100
127 42.1 31.9 47.9
164 33.6 26.8 40.2

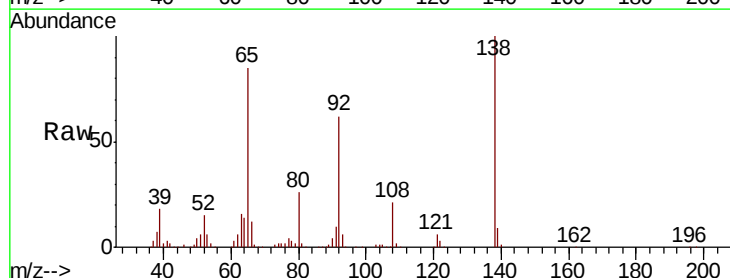


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

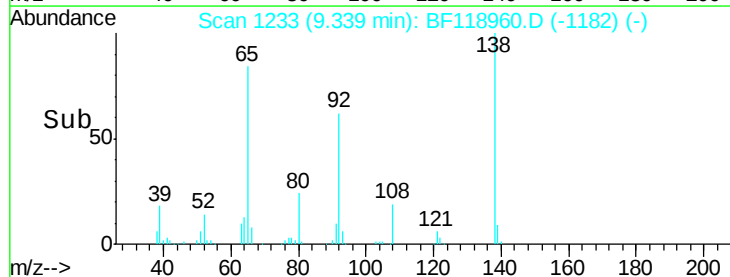
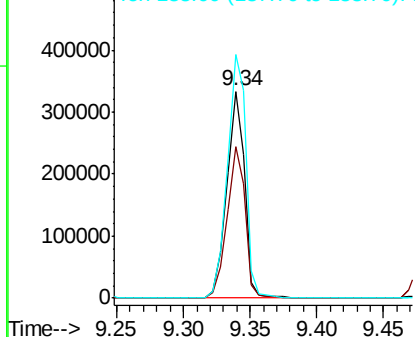


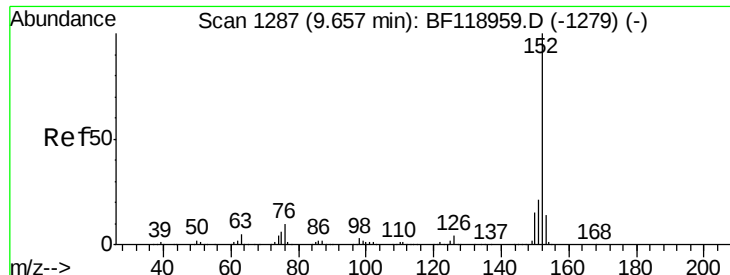
#48
2-Nitroaniline
Concen: 52.272 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BF118960.D
Acq: 20 Feb 2020 14:50

Tgt Ion: 65 Resp: 316070
Ion Ratio Lower Upper
65 100
92 73.3 58.6 87.8
138 117.6 97.5 146.3



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





#49

Acenaphthylene

Concen: 52.875 ng

RT: 9.66 min Scan# 1287

Delta R.T. -0.00 min

Lab File: BF118960.D

Acq: 20 Feb 2020 14:50

Instrument :

BNA_F

ClientSampleId :

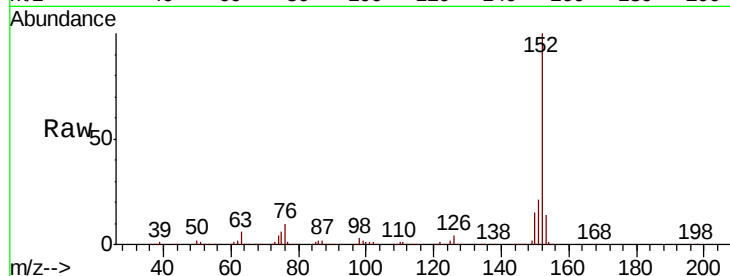
Tot Ion:152 Resp: 1631503

Ion Ratio Lower Upper

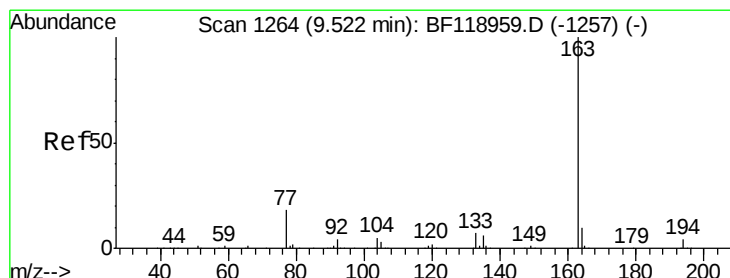
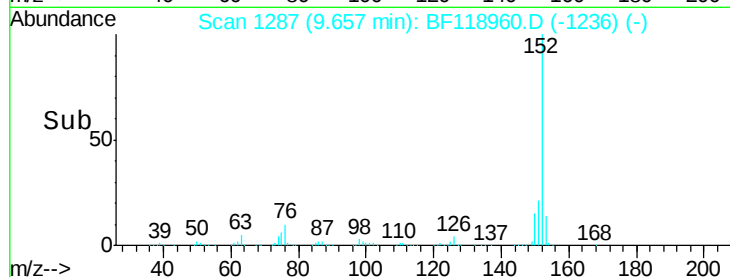
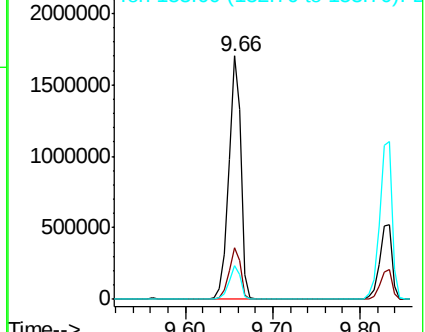
152 100

151 21.1 16.7 25.1

153 13.7 10.9 16.3



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: 51.273 ng

RT: 9.52 min Scan# 1264

Delta R.T. -0.00 min

Lab File: BF118960.D

Acq: 20 Feb 2020 14:50

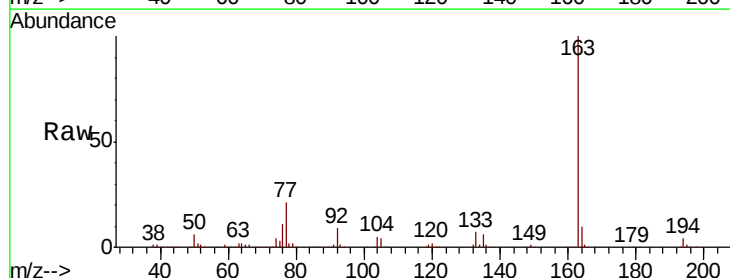
Tgt Ion:163 Resp: 1311154

Ion Ratio Lower Upper

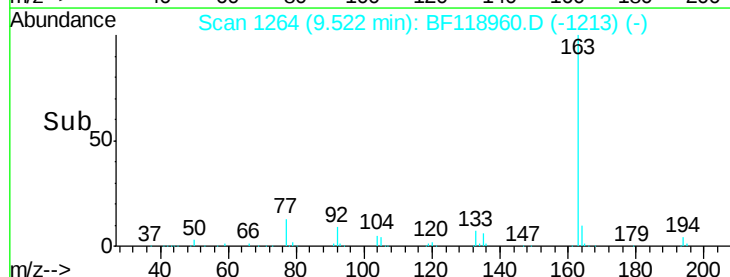
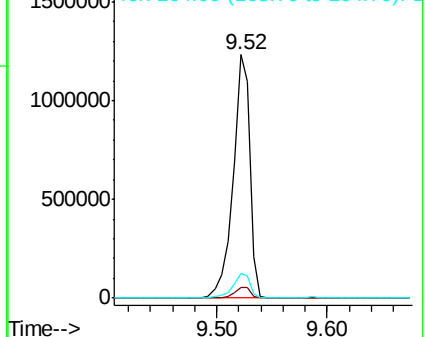
163 100

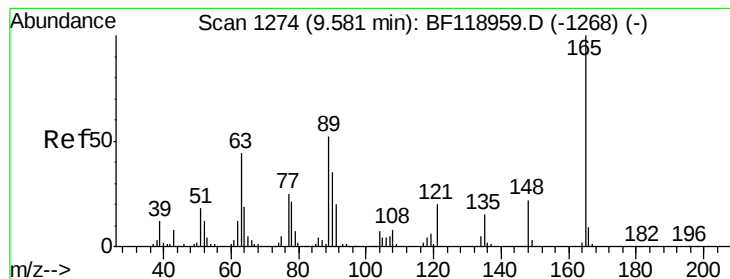
194 4.1 3.4 5.2

164 10.4 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: 51.900 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.00 min

Lab File: BF118960.D

Acq: 20 Feb 2020 14:50

Instrument :

BNA_F

ClientSampleId :

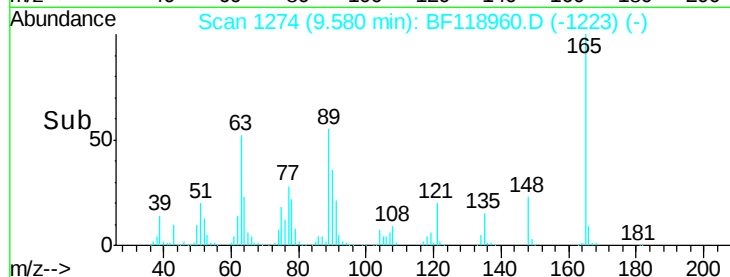
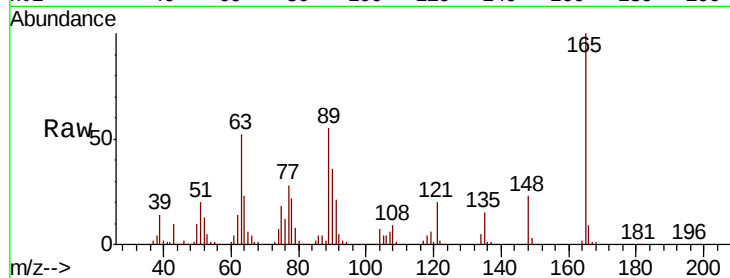
Tot Ion:165 Resp: 296430

Ion Ratio Lower Upper

165 100

63 51.6 37.9 56.9

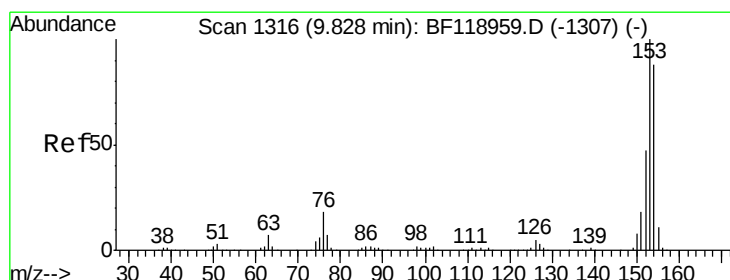
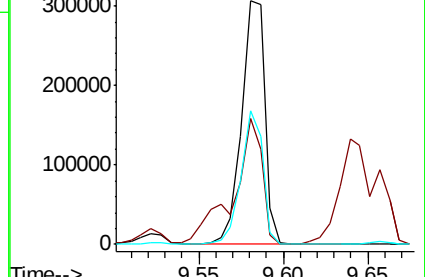
89 55.1 41.4 62.0



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: 51.723 ng

RT: 9.83 min Scan# 1317

Delta R.T. 0.01 min

Lab File: BF118960.D

Acq: 20 Feb 2020 14:50

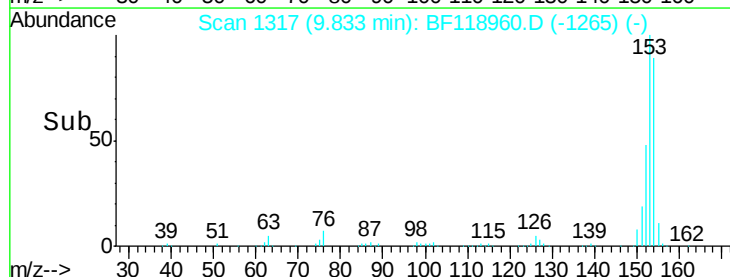
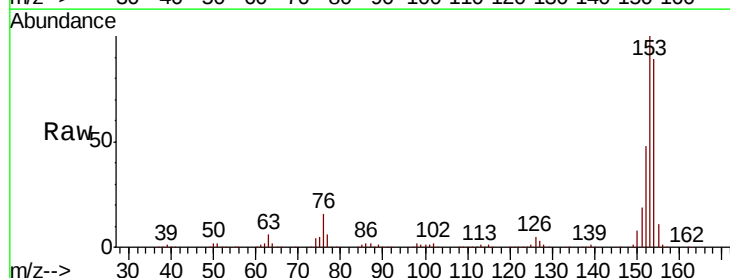
Tgt Ion:154 Resp: 971498

Ion Ratio Lower Upper

154 100

153 112.4 90.4 135.6

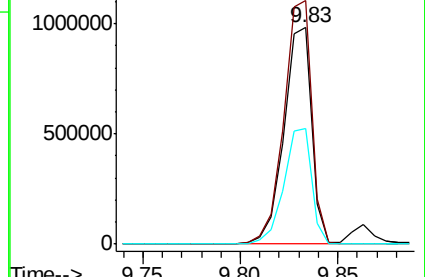
152 53.5 42.9 64.3

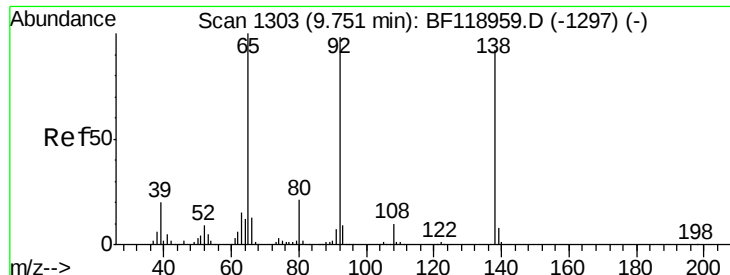


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

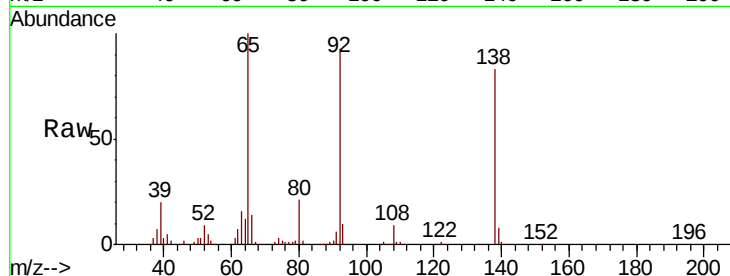




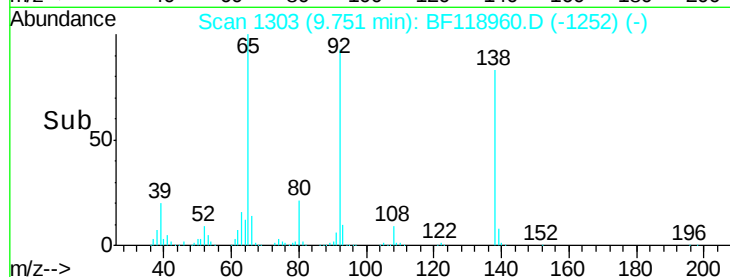
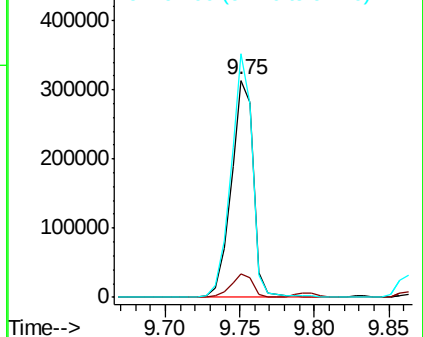
#53
3-Nitroaniline
Concen: 51.892 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BF118960.D
Acq: 20 Feb 2020 14:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 326191
Ion Ratio Lower Upper
138 100
108 11.1 8.6 13.0
92 112.2 84.6 127.0

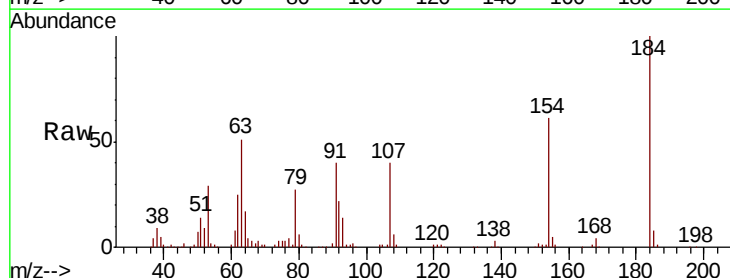


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

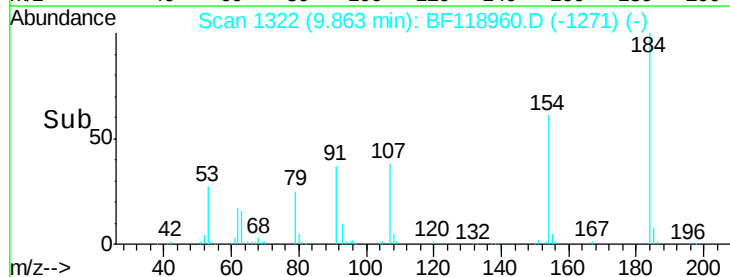
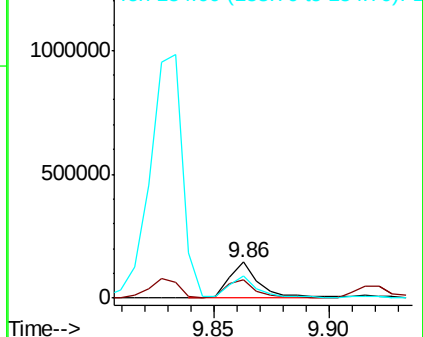


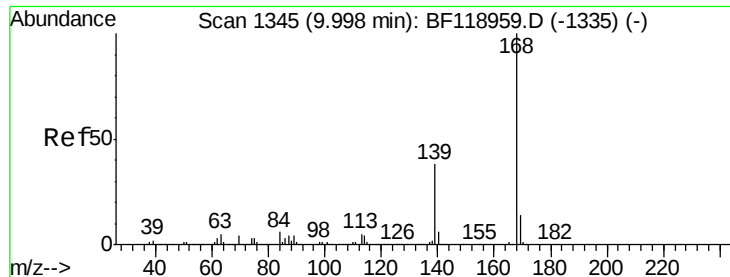
#54
2,4-Dinitrophenol
Concen: 51.926 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BF118960.D
Acq: 20 Feb 2020 14:50

Tgt Ion:184 Resp: 131915
Ion Ratio Lower Upper
184 100
63 51.0 37.8 56.6
154 61.3 47.6 71.4



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

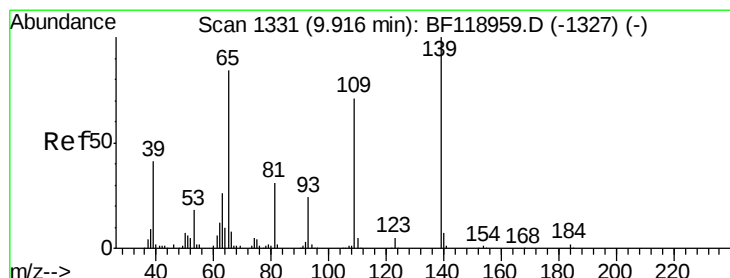
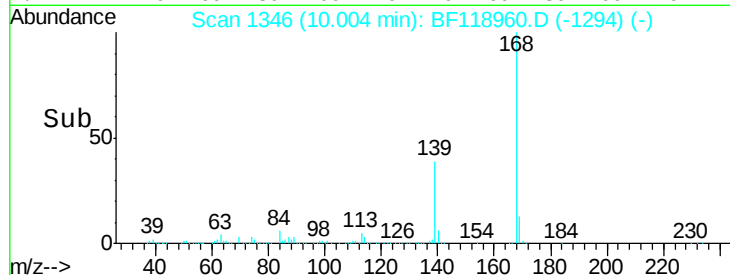
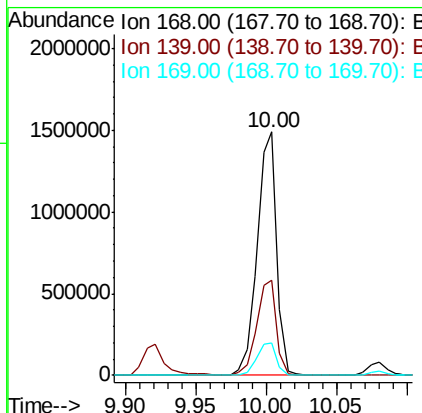
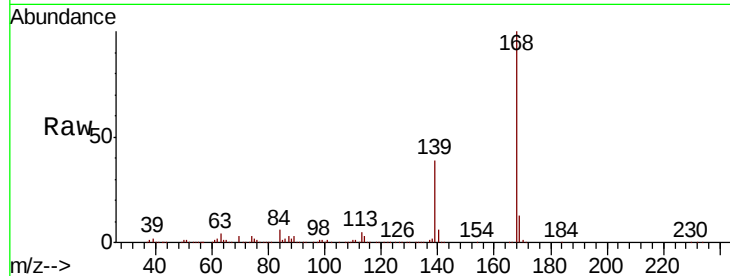




#55
Dibenzenofuran
Concen: 51.919 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.01 min
Lab File: BF118960.D
Acq: 20 Feb 2020 14:50

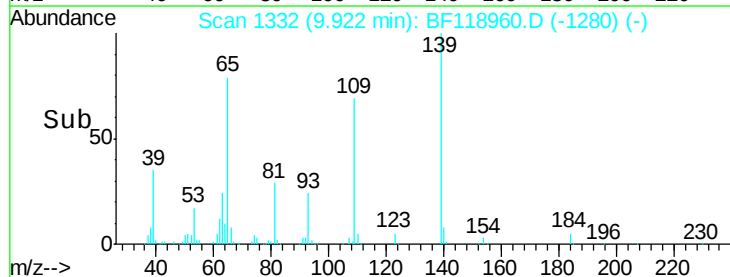
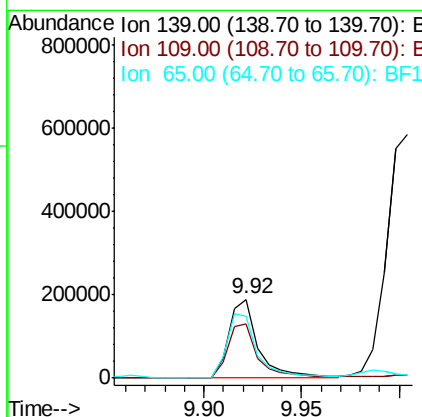
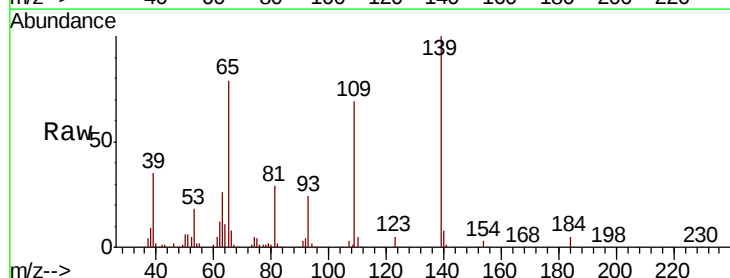
Instrument :
BNA_F
ClientSampleId :

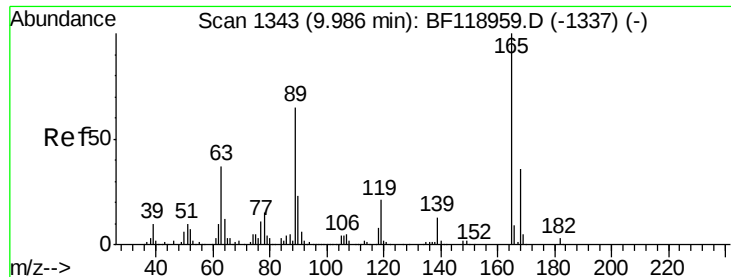
Tot Ion:168 Resp: 1455675
Ion Ratio Lower Upper
168 100
139 39.2 31.7 47.5
169 13.4 11.0 16.4



#56
4-Nitrophenol
Concen: 51.883 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.01 min
Lab File: BF118960.D
Acq: 20 Feb 2020 14:50

Tgt Ion:139 Resp: 200906
Ion Ratio Lower Upper
139 100
109 69.4 51.1 91.1
65 79.1 64.7 104.7

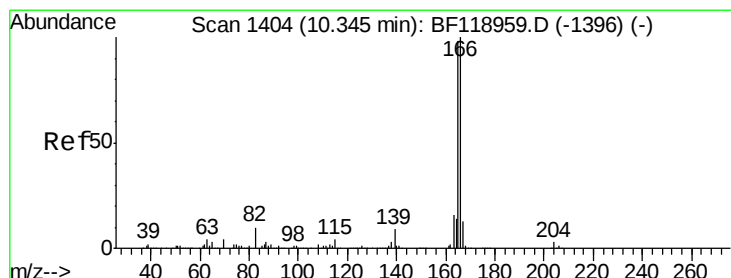
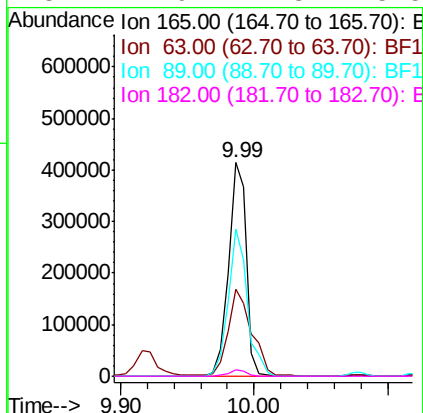
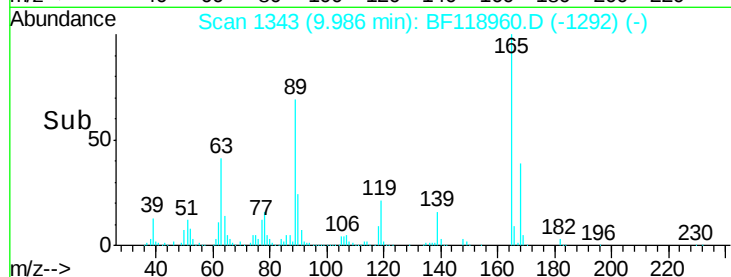
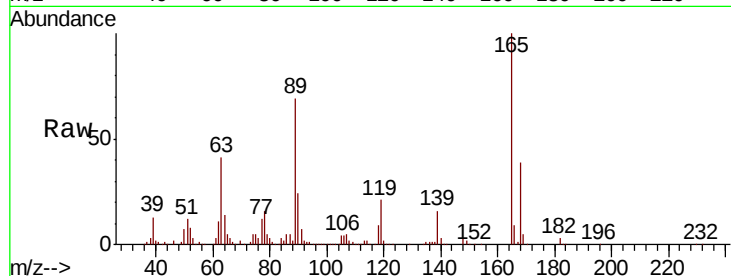




#57
2,4-Dinitrotoluene
Concen: 52.528 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BF118960.D
Acq: 20 Feb 2020 14:50

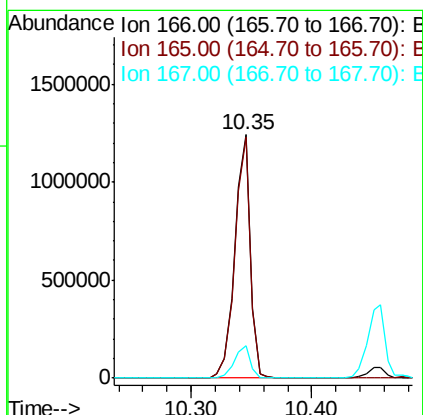
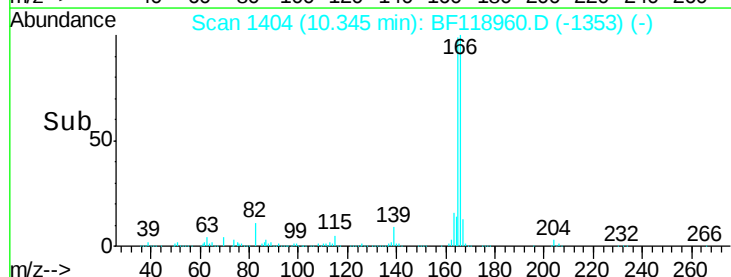
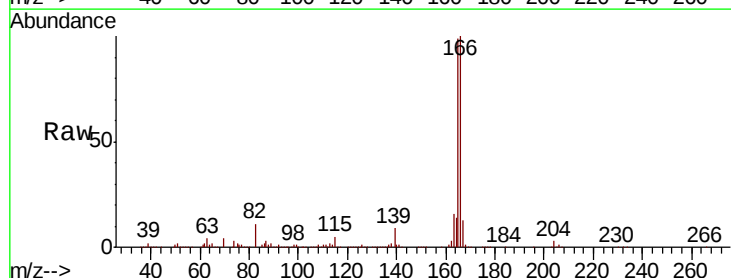
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	40.7	29.8	44.8
89	68.9	51.9	77.9
182	2.9	2.3	3.5



#58
Fluorene
Concen: 51.076 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.00 min
Lab File: BF118960.D
Acq: 20 Feb 2020 14:50

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.8	78.2	117.4
167	13.5	10.6	16.0

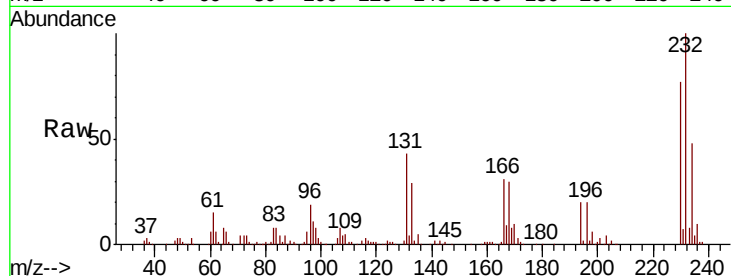




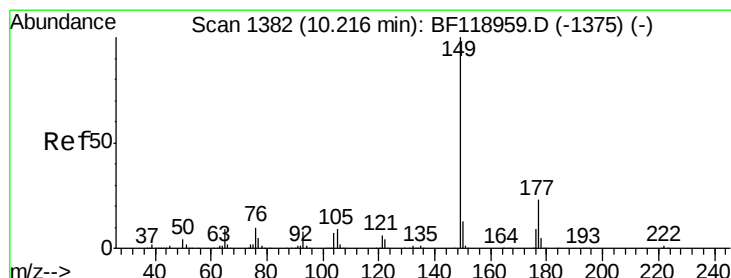
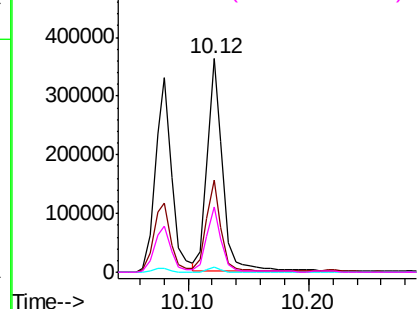
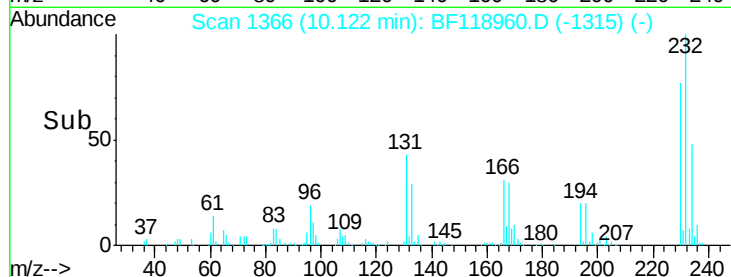
#59
2,3,4,6-Tetrachlorophenol
Concen: 50.403 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.00 min
Lab File: BF118960.D
Acq: 20 Feb 2020 14:50

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
232	100		
131	41.4	34.0	51.0
130	2.3	1.6	2.4
166	29.3	23.6	35.4

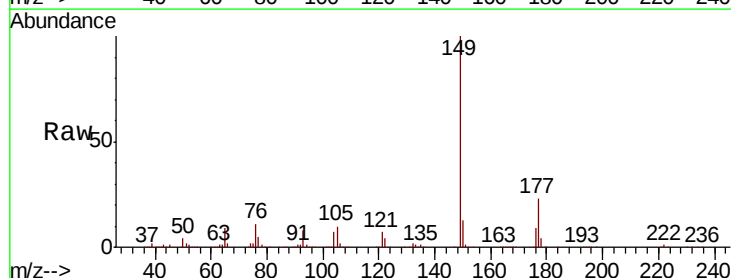


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

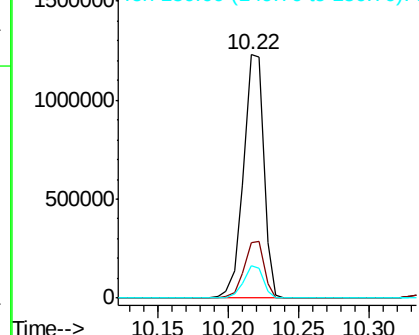
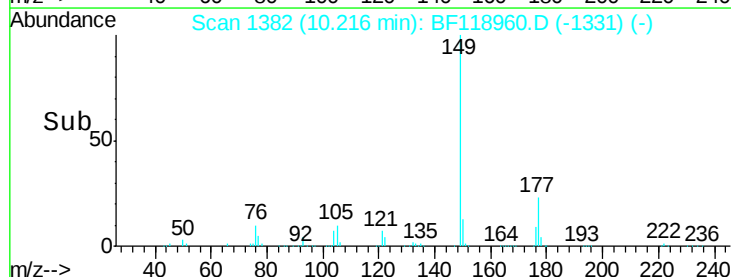


#60
Diethylphthalate
Concen: 51.310 ng
RT: 10.22 min Scan# 1382
Delta R.T. -0.00 min
Lab File: BF118960.D
Acq: 20 Feb 2020 14:50

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.0	18.1	27.1
150	13.4	10.4	15.6



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

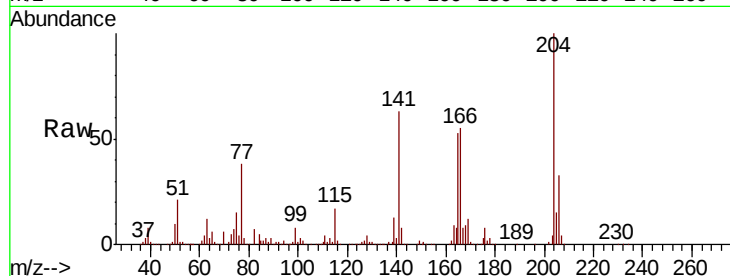




#61
4-Chlorophenyl-phenylether
Concen: 51.726 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.00 min
Lab File: BF118960.D
Acq: 20 Feb 2020 14:50

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.5	39.7
141	63.1	49.5	74.3

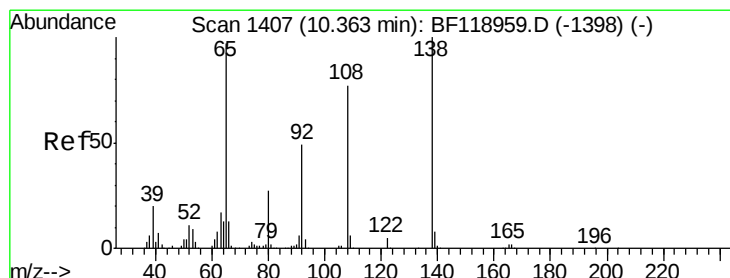
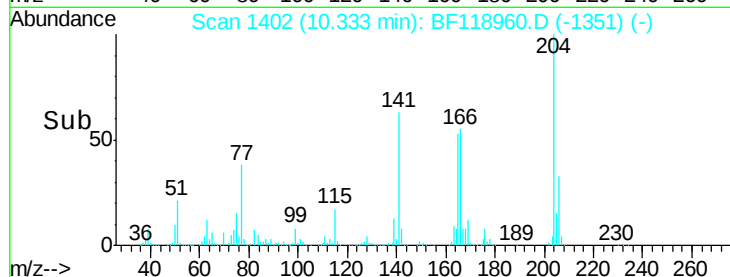
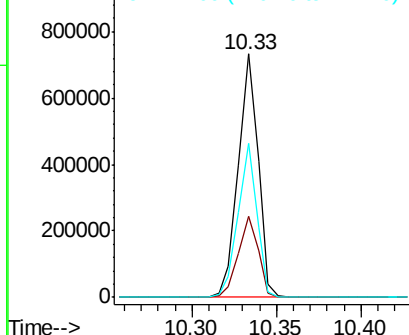


Abundance

Ion 204.00 (203.70 to 204.70): E

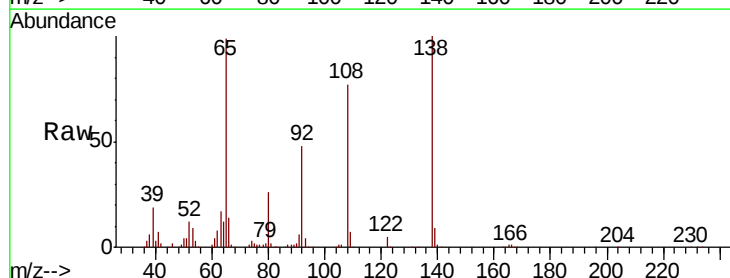
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 50.416 ng
RT: 10.37 min Scan# 1408
Delta R.T. 0.01 min
Lab File: BF118960.D
Acq: 20 Feb 2020 14:50

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.4	28.7	68.7
108	76.8	56.8	96.8

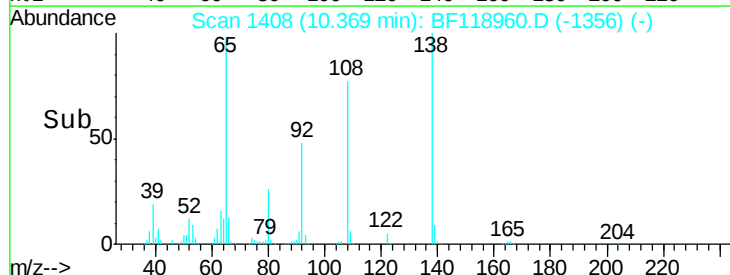
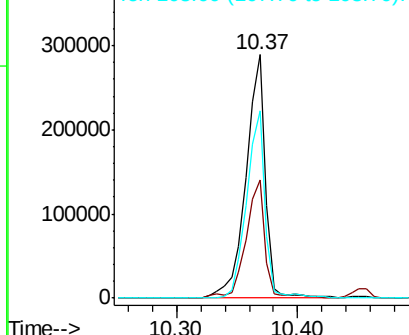


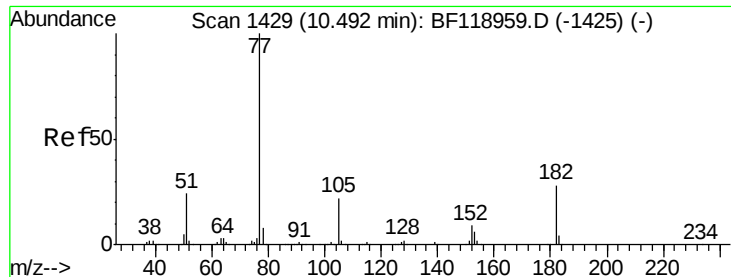
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E

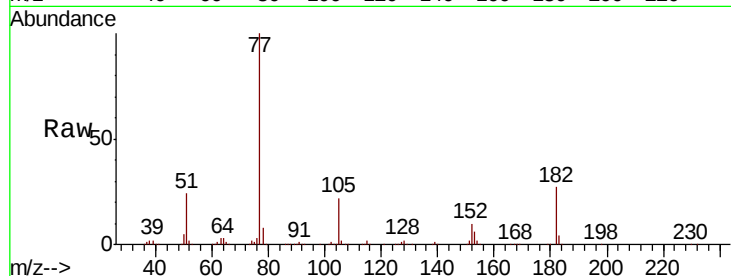




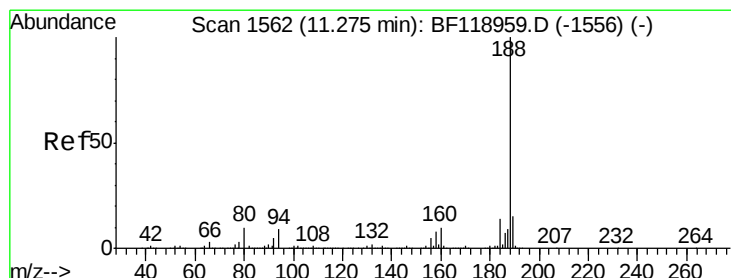
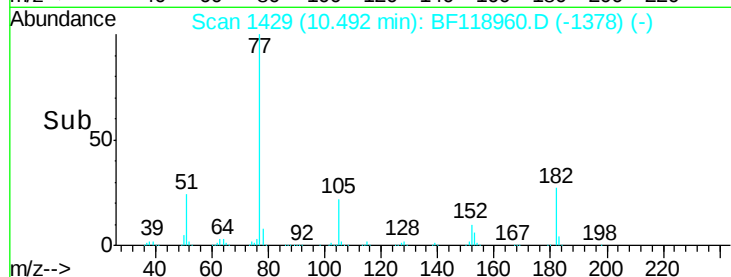
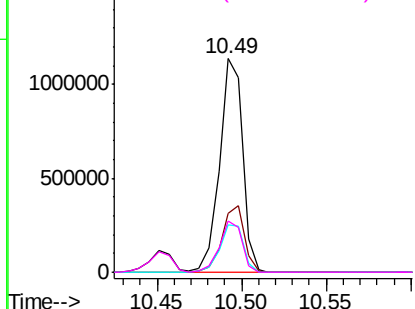
#63
Azobenzene
Concen: 50.891 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.00 min
Lab File: BF118960.D
Acq: 20 Feb 2020 14:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 1078899
Ion Ratio Lower Upper
77 100
182 27.4 8.2 48.2
105 22.2 2.3 42.3
51 24.1 3.6 43.6

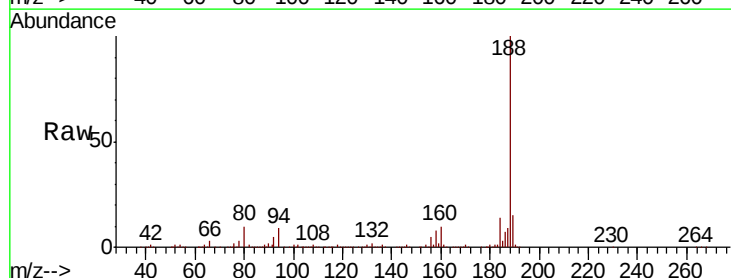


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

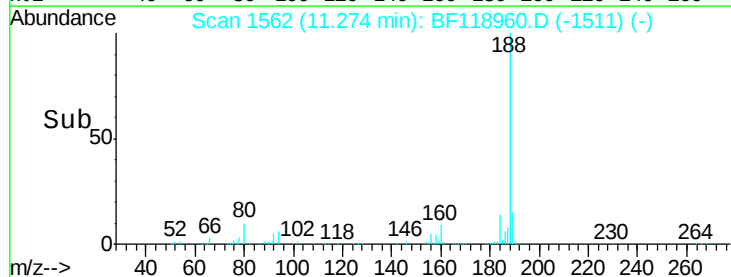
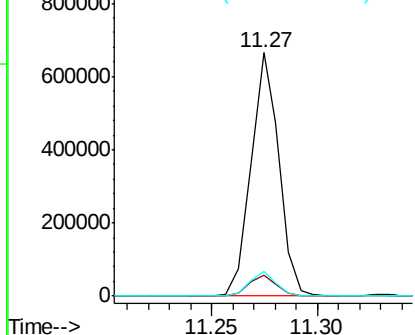


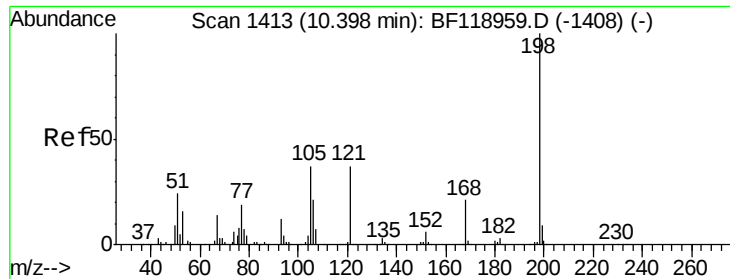
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.00 min
Lab File: BF118960.D
Acq: 20 Feb 2020 14:50

Tgt Ion: 188 Resp: 609427
Ion Ratio Lower Upper
188 100
94 8.8 7.0 10.6
80 10.1 7.9 11.9



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

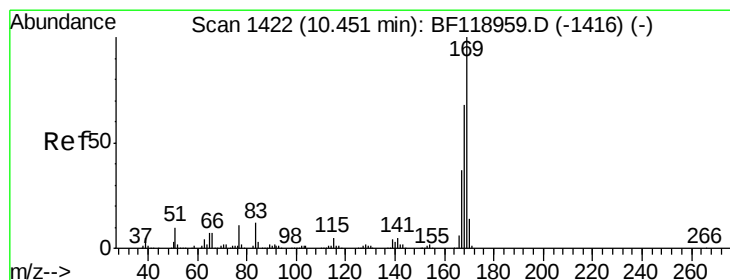
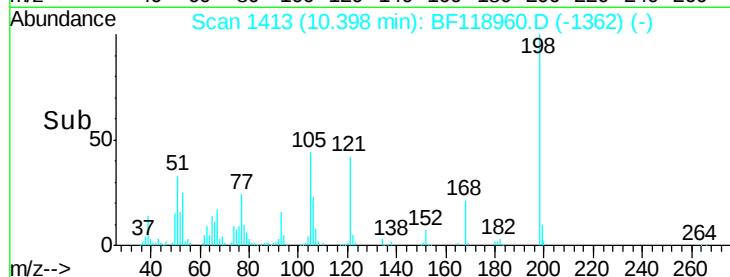
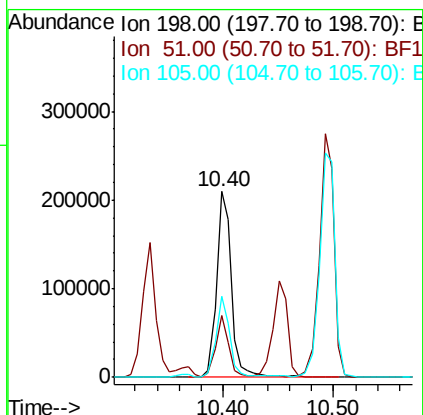
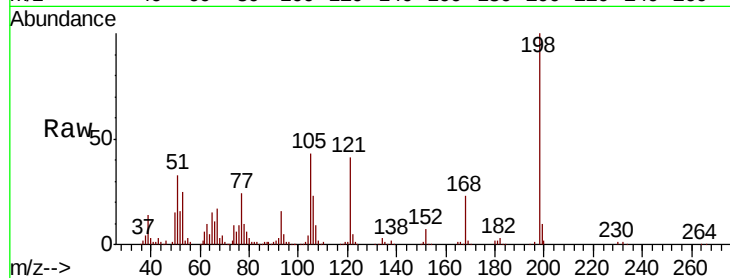




#65
4,6-Dinitro-2-methylphenol
Concen: 52.515 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.00 min
Lab File: BF118960.D
Acq: 20 Feb 2020 14:50

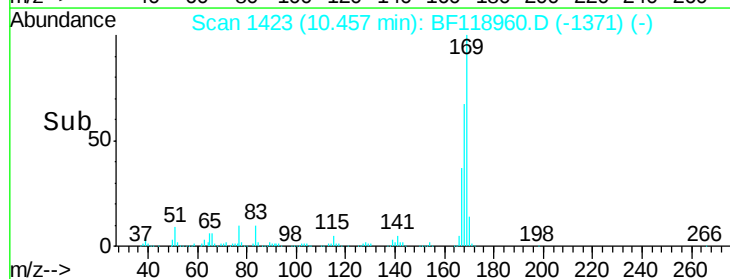
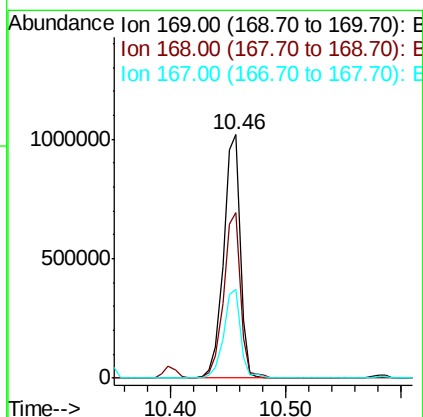
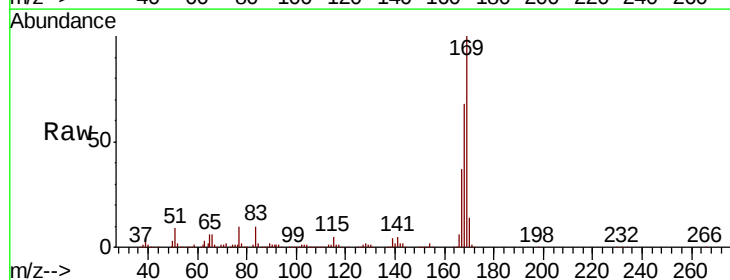
Instrument :
BNA_F
ClientSampleId :

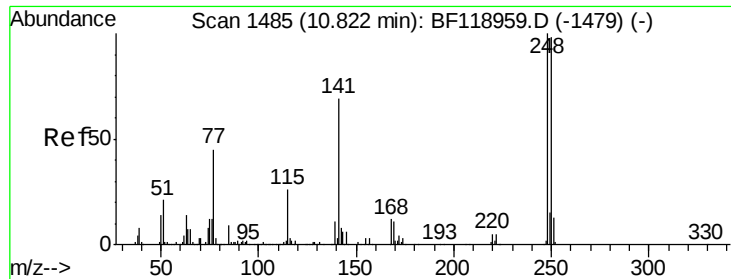
Tot Ion:198 Resp: 197236
Ion Ratio Lower Upper
198 100
51 33.3 7.1 47.1
105 43.4 18.3 58.3



#66
n-Nitrosodiphenylamine
Concen: 52.829 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.01 min
Lab File: BF118960.D
Acq: 20 Feb 2020 14:50

Tgt Ion:169 Resp: 1019607
Ion Ratio Lower Upper
169 100
168 67.7 54.2 81.2
167 36.5 29.4 44.2

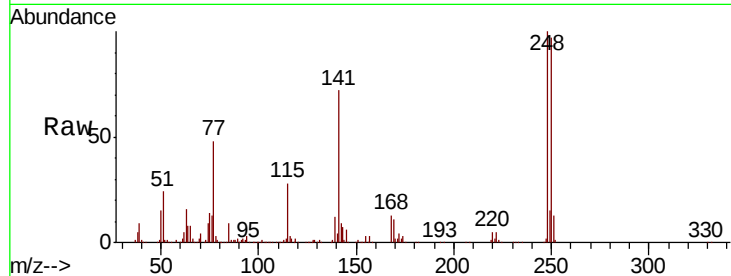




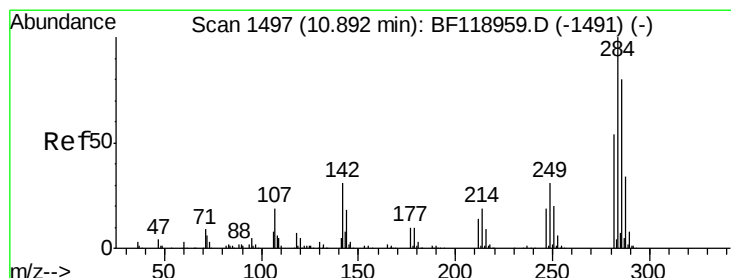
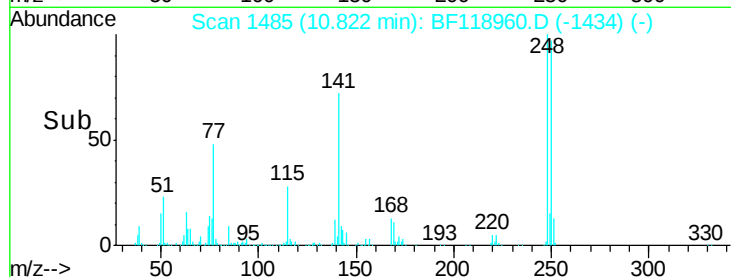
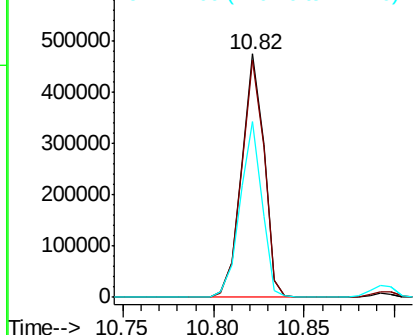
#67
4-Bromophenyl-phenylether
Concen: 52.405 ng
RT: 10.82 min Scan# 1485
Delta R.T. -0.00 min
Lab File: BF118960.D
Acq: 20 Feb 2020 14:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 410005
Ion Ratio Lower Upper
248 100
250 97.3 78.8 118.2
141 72.4 55.3 82.9

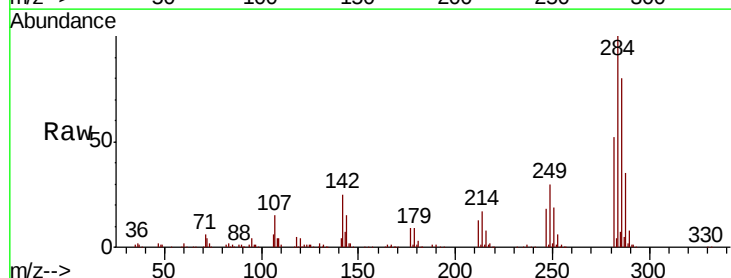


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

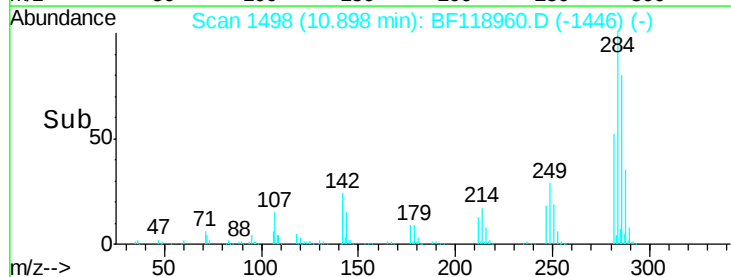
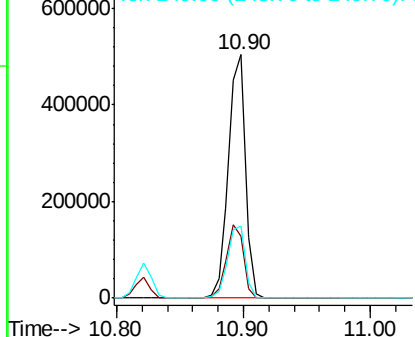


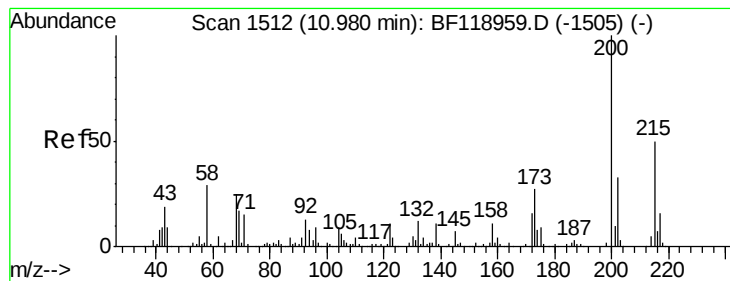
#68
Hexachlorobenzene
Concen: 52.449 ng
RT: 10.90 min Scan# 1498
Delta R.T. 0.01 min
Lab File: BF118960.D
Acq: 20 Feb 2020 14:50

Tgt Ion:284 Resp: 469780
Ion Ratio Lower Upper
284 100
142 25.2 25.0 37.6
249 29.7 25.0 37.4



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





#69

Atrazine

Concen: 55.693 ng

RT: 10.98 min Scan# 1512

Delta R.T. -0.00 min

Lab File: BF118960.D

Acq: 20 Feb 2020 14:50

Instrument :

BNA_F

ClientSampleId :

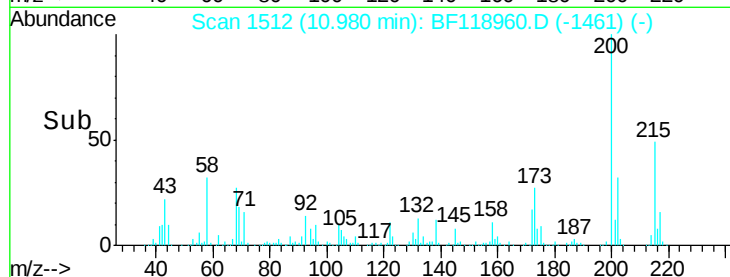
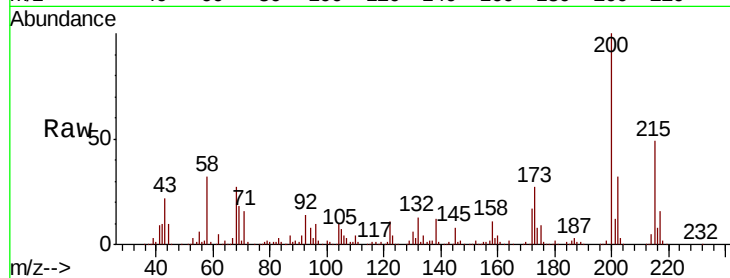
Tot Ion:200 Resp: 359777

Ion Ratio Lower Upper

200 100

173 27.1 6.9 46.9

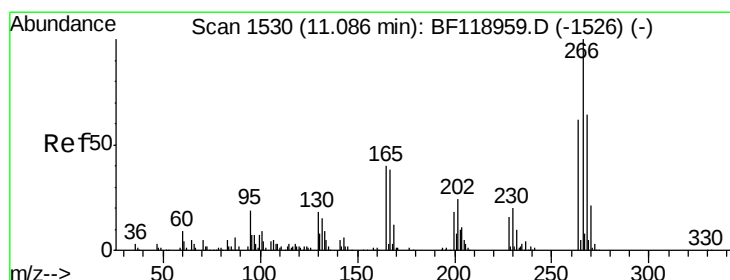
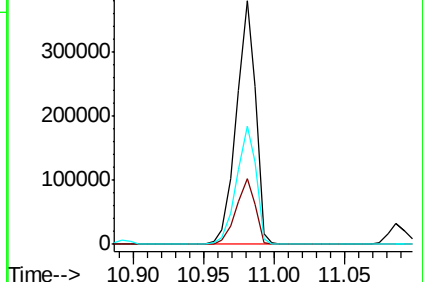
215 48.6 29.7 69.7



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: 51.906 ng

RT: 11.09 min Scan# 1530

Delta R.T. -0.00 min

Lab File: BF118960.D

Acq: 20 Feb 2020 14:50

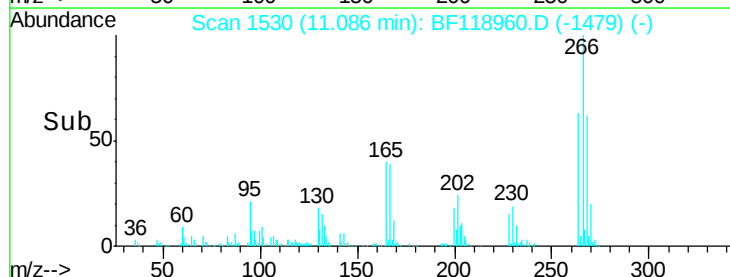
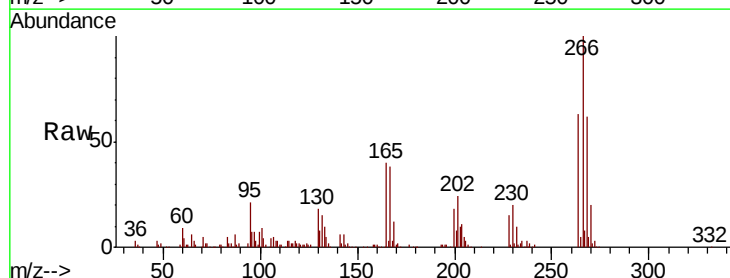
Tgt Ion:266 Resp: 199039

Ion Ratio Lower Upper

266 100

268 62.0 51.4 77.0

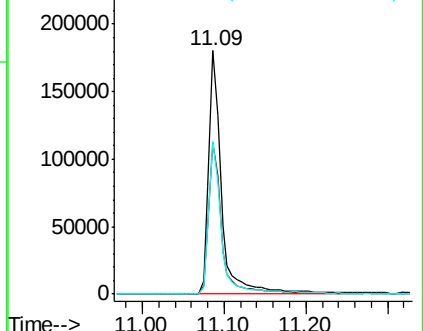
264 62.6 49.5 74.3

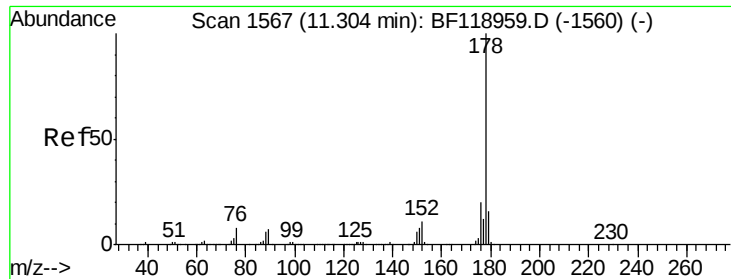


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

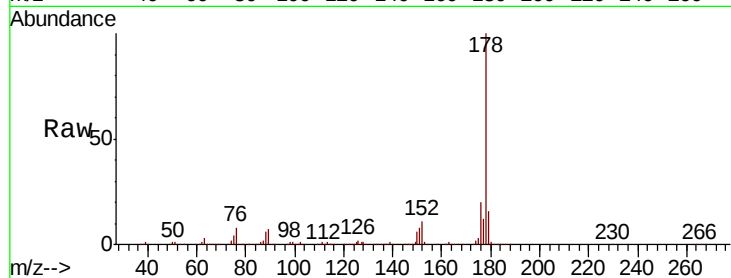




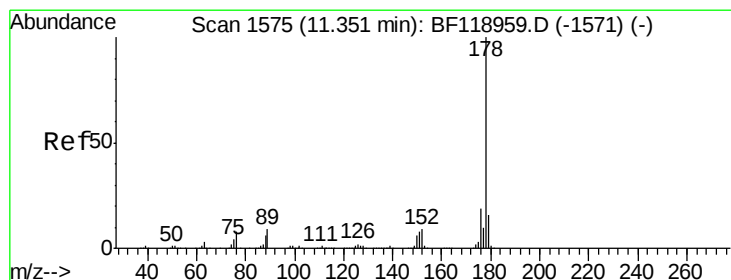
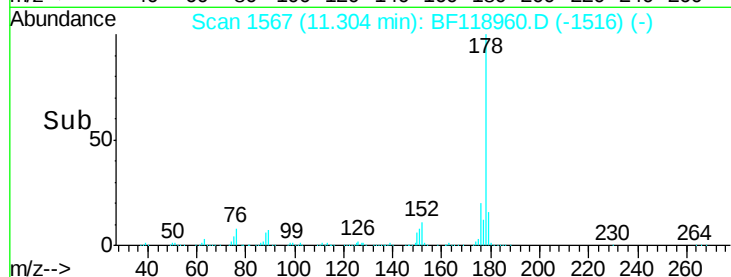
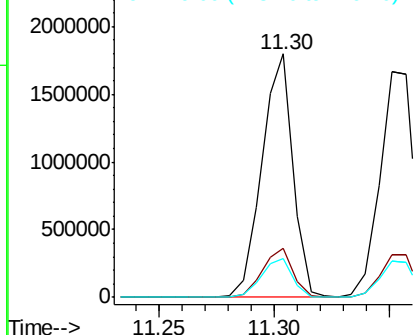
#71
Phenanthrene
Concen: 52.584 ng
RT: 11.30 min Scan# 1567
Delta R.T. -0.00 min
Lab File: BF118960.D
Acq: 20 Feb 2020 14:50

Instrument :
BNA_F
ClientSampled :

Tot Ion:178 Resp: 1682768
Ion Ratio Lower Upper
178 100
176 19.9 15.6 23.4
179 15.9 12.6 18.8

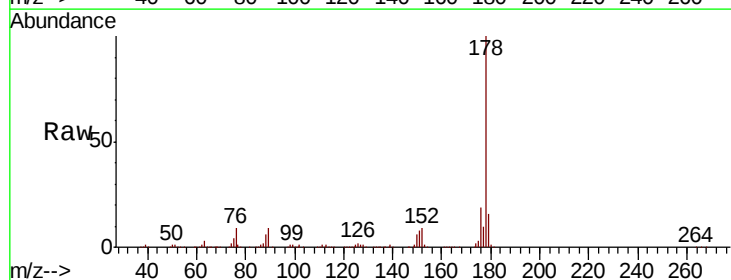


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

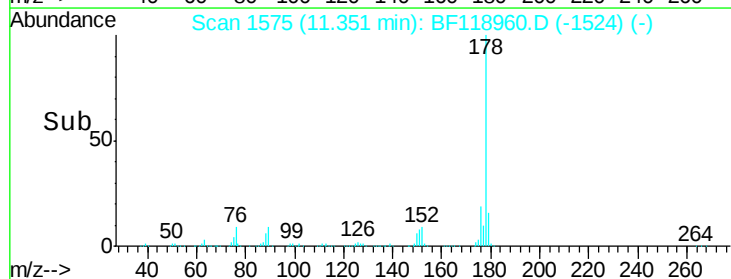
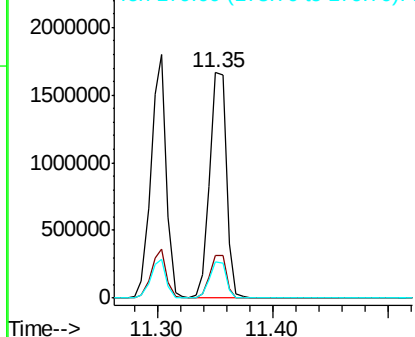


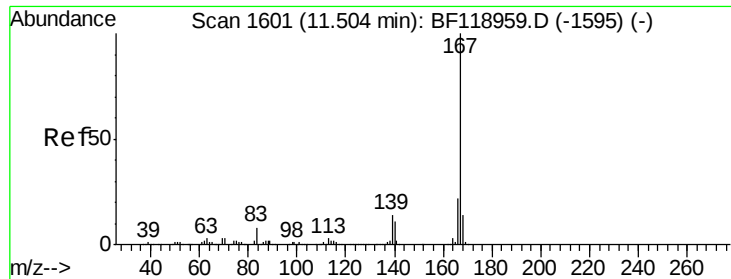
#72
Anthracene
Concen: 52.901 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.00 min
Lab File: BF118960.D
Acq: 20 Feb 2020 14:50

Tgt Ion:178 Resp: 1693807
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.2
179 16.0 12.8 19.2



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



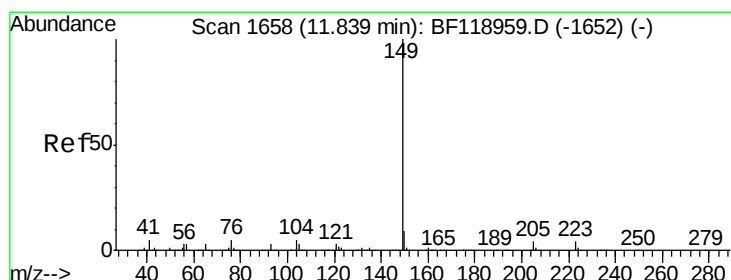
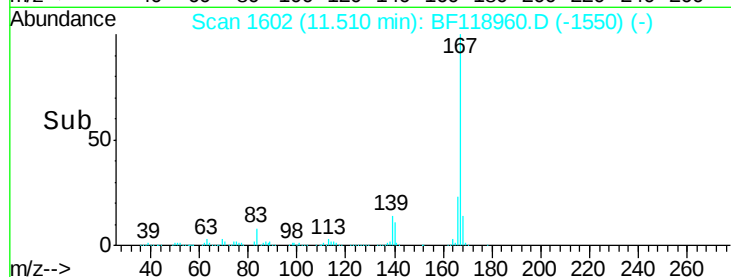
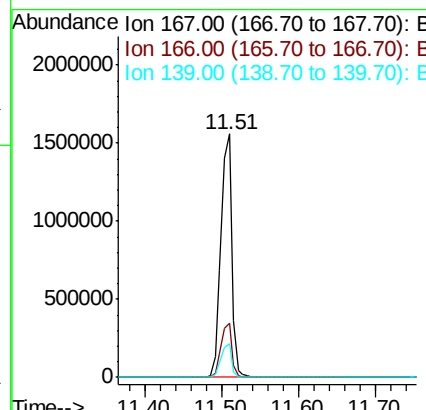
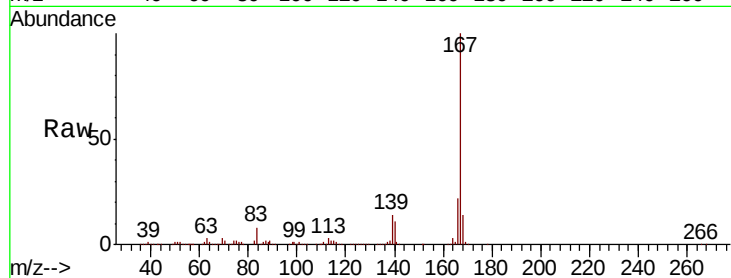


#73
 Carbazole
 Concen: 52.338 ng
 RT: 11.51 min Scan# 1602
 Delta R.T. 0.01 min
 Lab File: BF118960.D
 Acq: 20 Feb 2020 14:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1502021

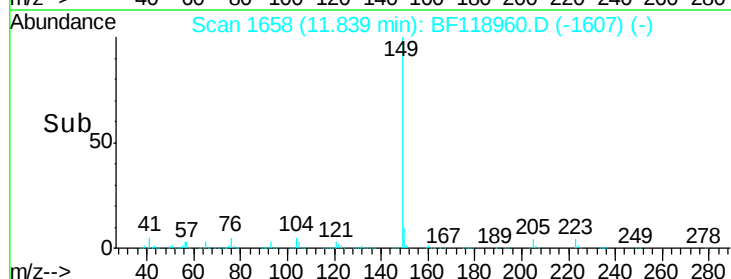
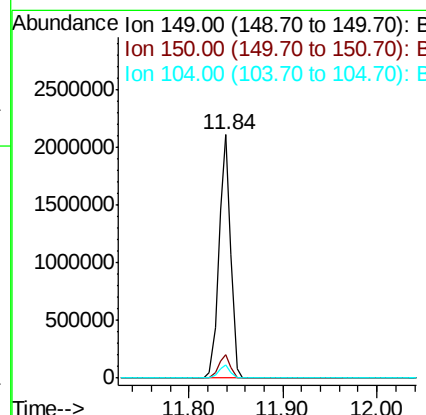
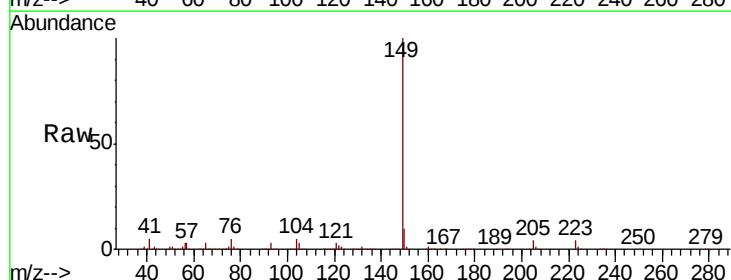
Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.8	26.6
139	13.6	11.2	16.8

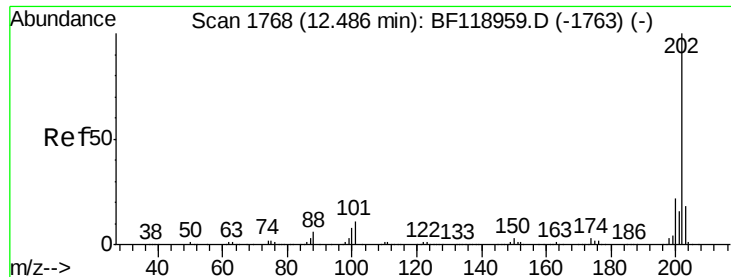


#74
 Di-n-butylphthalate
 Concen: 50.601 ng
 RT: 11.84 min Scan# 1658
 Delta R.T. -0.00 min
 Lab File: BF118960.D
 Acq: 20 Feb 2020 14:50

Tgt Ion:149 Resp: 1842521

Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.5	11.3
104	5.2	4.0	6.0

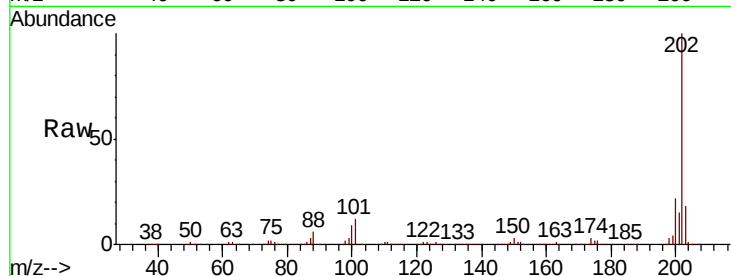




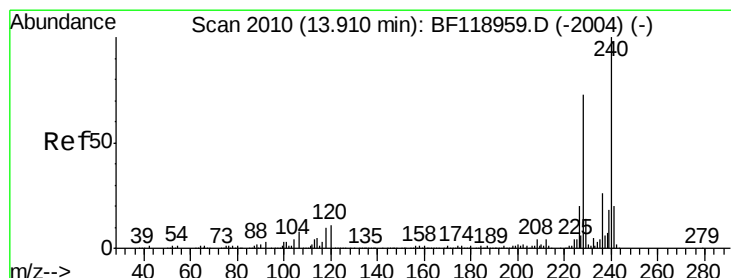
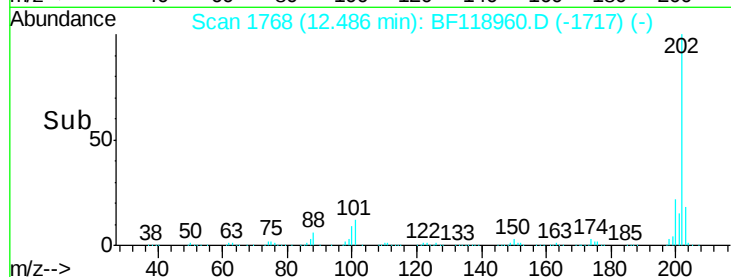
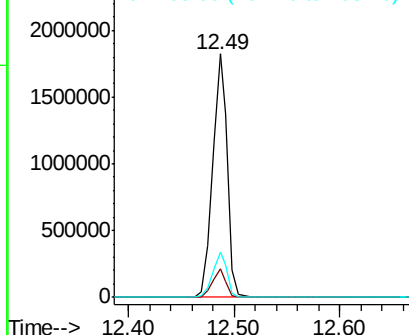
#75
 Fluoranthene
 Concen: 49.996 ng
 RT: 12.49 min Scan# 1768
 Delta R.T. -0.00 min
 Lab File: BF118960.D
 Acq: 20 Feb 2020 14:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1782261
 Ion Ratio Lower Upper
 202 100
 101 11.5 0.0 31.1
 203 18.3 0.0 38.1

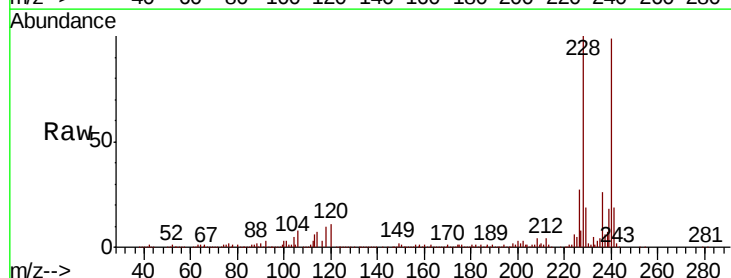


Abundance Ion 202.00 (201.70 to 202.70): E
 2500000 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

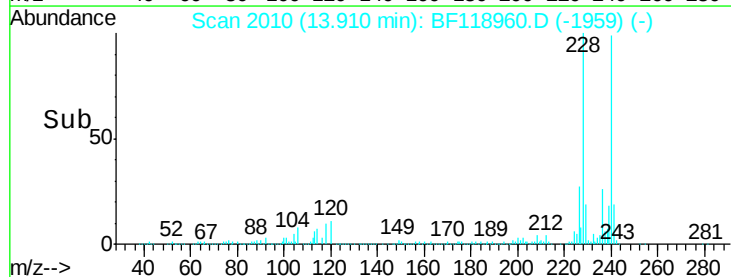
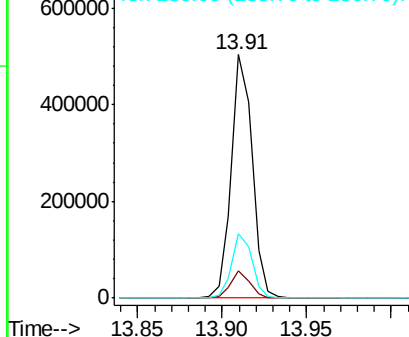


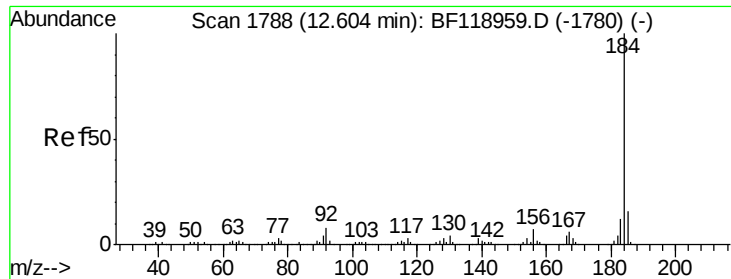
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.91 min Scan# 2010
 Delta R.T. -0.00 min
 Lab File: BF118960.D
 Acq: 20 Feb 2020 14:50

Tgt Ion:240 Resp: 432835
 Ion Ratio Lower Upper
 240 100
 120 11.1 8.9 13.3
 236 26.4 20.6 30.8



Abundance Ion 240.00 (239.70 to 240.70): E
 600000 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 65.808 ng

RT: 12.60 min Scan# 1788

Delta R.T. -0.00 min

Lab File: BF118960.D

Acq: 20 Feb 2020 14:50

Instrument :

BNA_F

ClientSampleId :

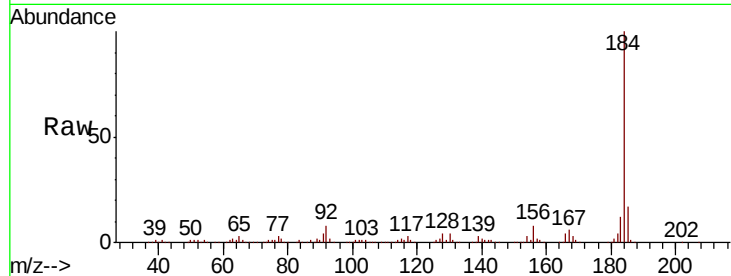
Tot Ion:184 Resp: 911933

Ion Ratio Lower Upper

184 100

185 17.2 12.6 19.0

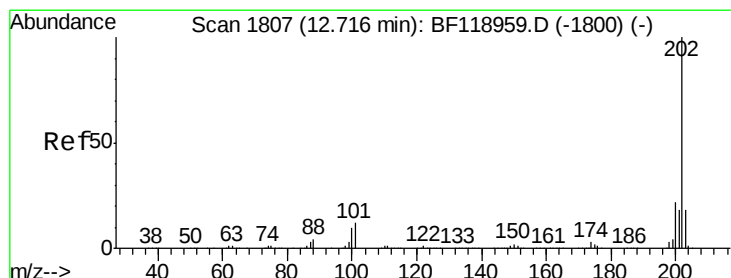
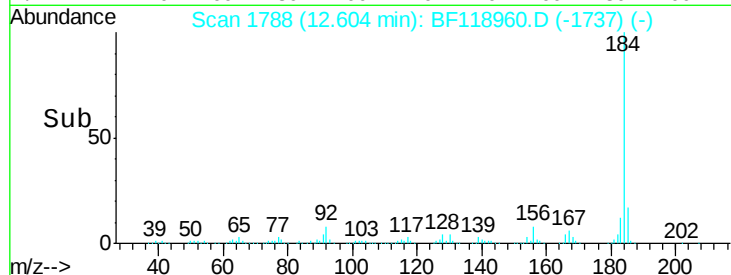
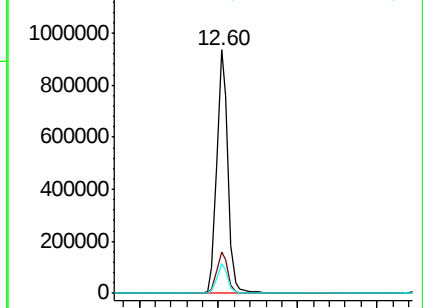
183 12.3 9.9 14.9



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: 57.223 ng

RT: 12.72 min Scan# 1807

Delta R.T. -0.00 min

Lab File: BF118960.D

Acq: 20 Feb 2020 14:50

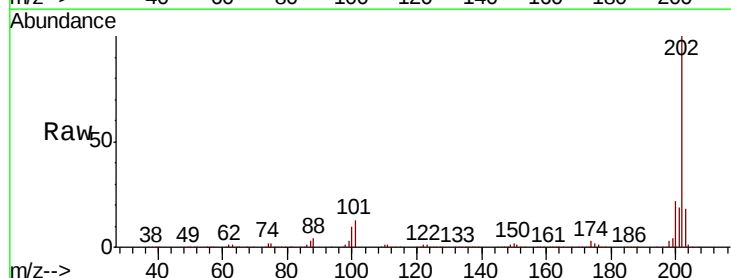
Tgt Ion:202 Resp: 1787403

Ion Ratio Lower Upper

202 100

200 22.0 17.4 26.0

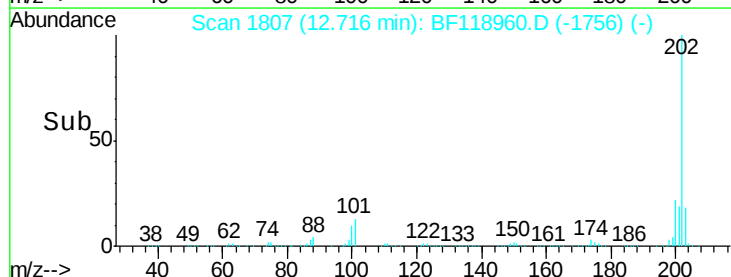
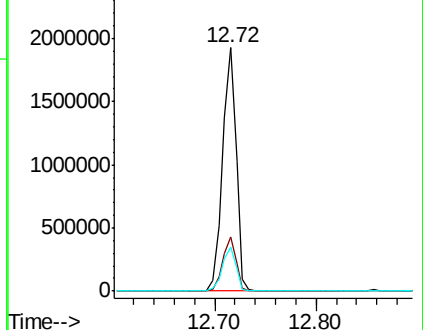
203 18.1 14.5 21.7

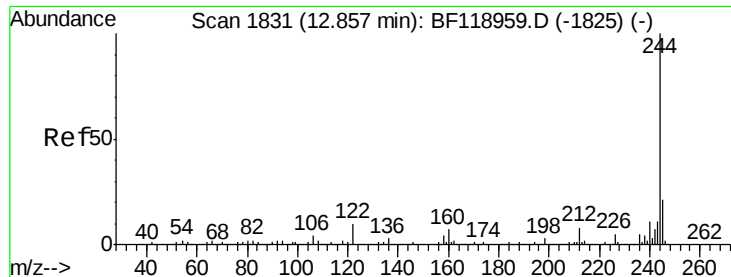


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 115.536 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.00 min

Lab File: BF118960.D

Acq: 20 Feb 2020 14:50

Instrument :

BNA_F

ClientSampleId :

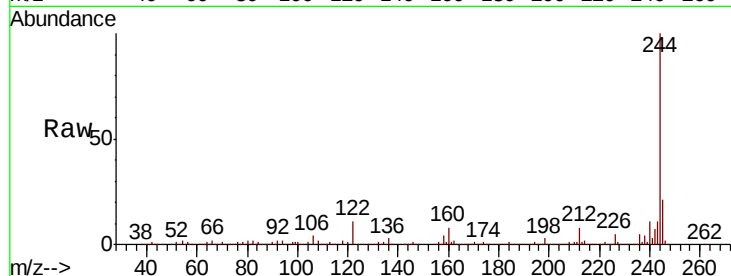
Tot Ion:244 Resp: 2541045

Ion Ratio Lower Upper

244 100

212 7.9 6.3 9.5

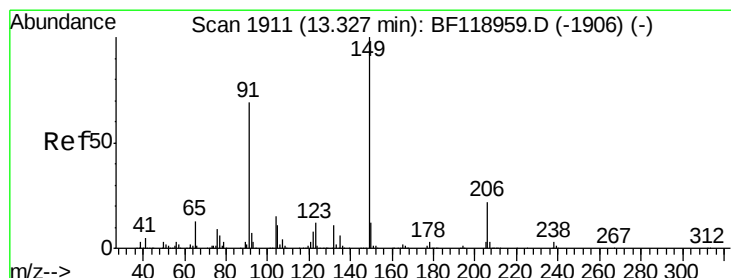
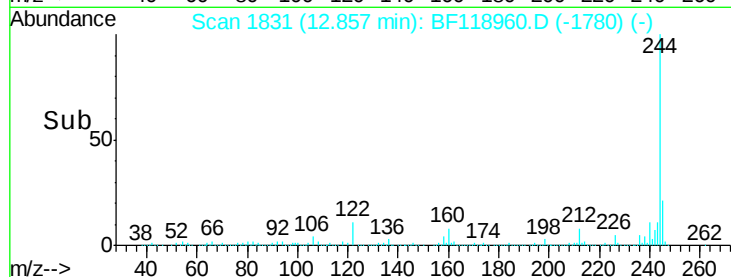
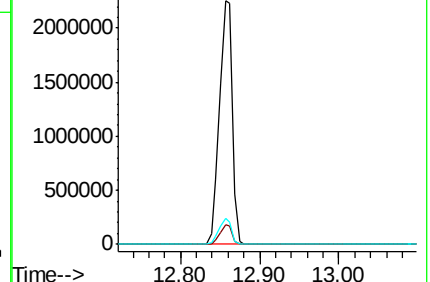
122 10.9 8.4 12.6



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: 56.712 ng

RT: 13.33 min Scan# 1912

Delta R.T. 0.01 min

Lab File: BF118960.D

Acq: 20 Feb 2020 14:50

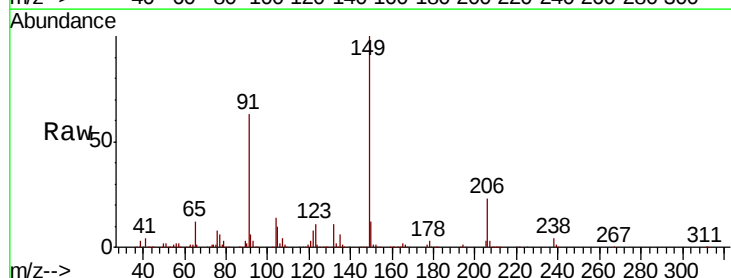
Tgt Ion:149 Resp: 776256

Ion Ratio Lower Upper

149 100

91 62.9 55.4 83.2

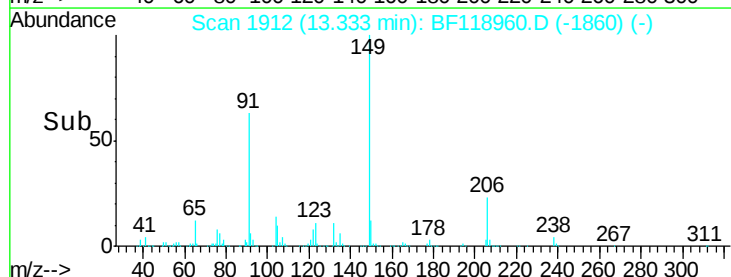
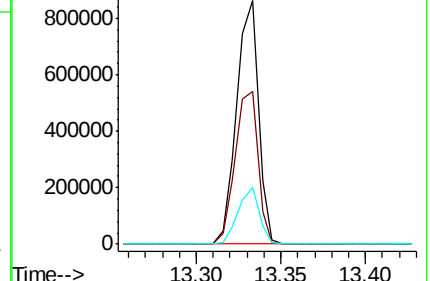
206 23.1 17.7 26.5

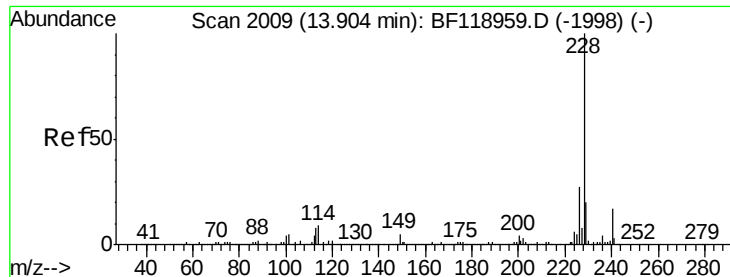


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 56.634 ng

RT: 13.90 min Scan# 2009

Delta R.T. -0.00 min

Lab File: BF118960.D

Acq: 20 Feb 2020 14:50

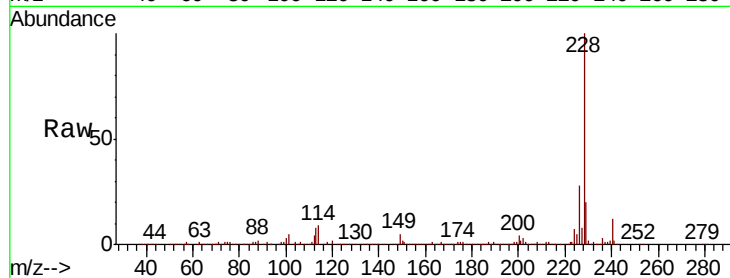
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1502170

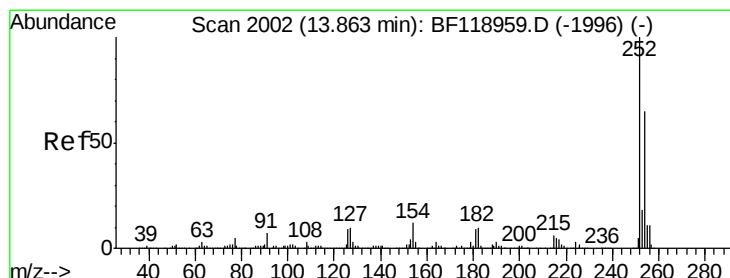
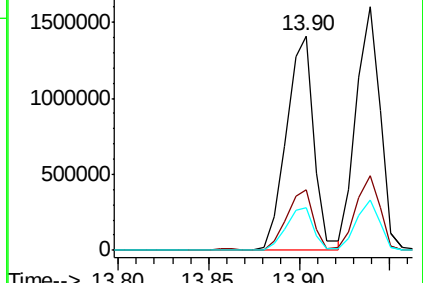
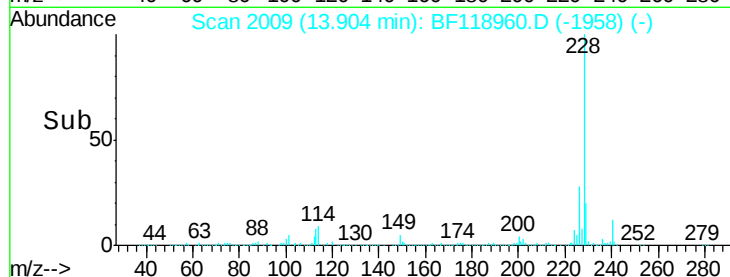
Ion	Ratio	Lower	Upper
228	100		
226	28.0	21.8	32.8
229	20.2	16.0	24.0



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: 58.038 ng

RT: 13.86 min Scan# 2002

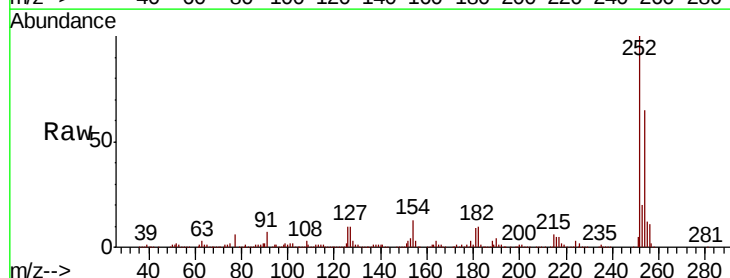
Delta R.T. -0.00 min

Lab File: BF118960.D

Acq: 20 Feb 2020 14:50

Tgt Ion:252 Resp: 599008

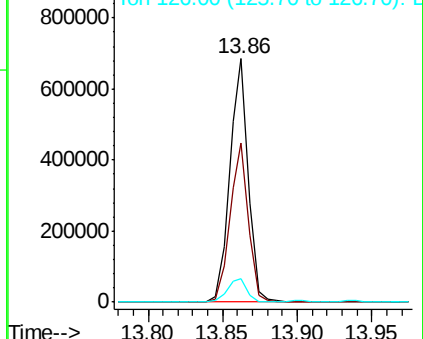
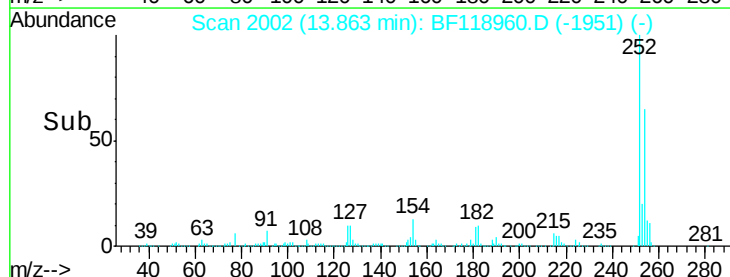
Ion	Ratio	Lower	Upper
252	100		
254	65.2	52.1	78.1
126	9.8	7.3	10.9

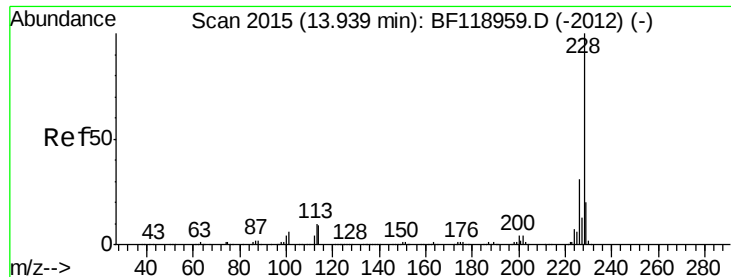


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 55.932 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.00 min

Lab File: BF118960.D

Acq: 20 Feb 2020 14:50

Instrument :

BNA_F

ClientSampleId :

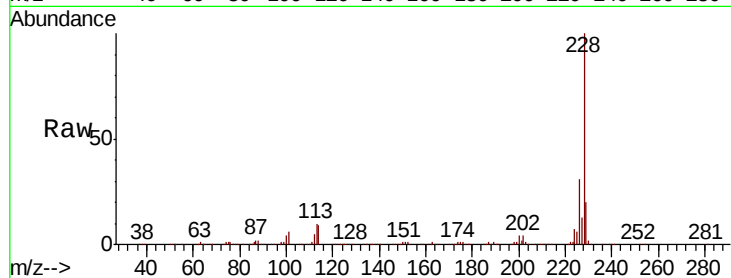
Tot Ion:228 Resp: 1487279

Ion Ratio Lower Upper

228 100

226 30.6 24.6 37.0

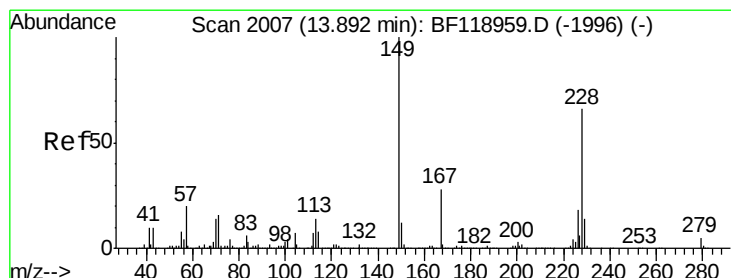
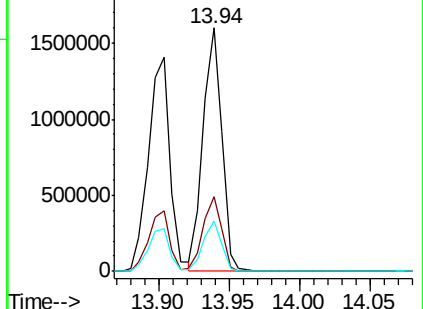
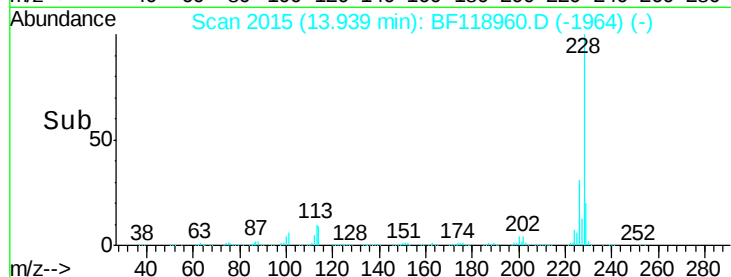
229 20.5 16.2 24.2



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: 55.505 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.00 min

Lab File: BF118960.D

Acq: 20 Feb 2020 14:50

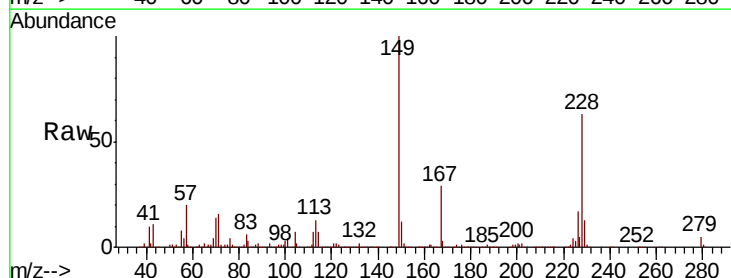
Tgt Ion:149 Resp: 962707

Ion Ratio Lower Upper

149 100

167 28.8 22.3 33.5

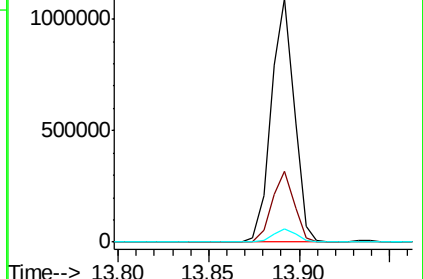
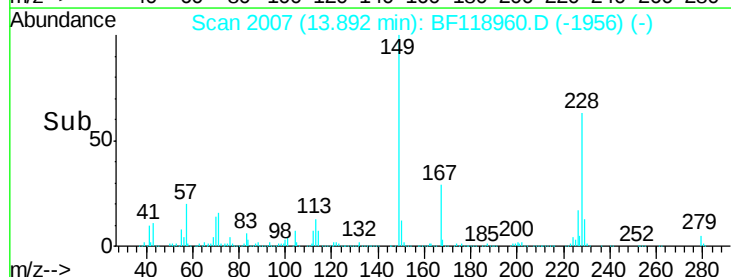
279 5.4 4.2 6.4

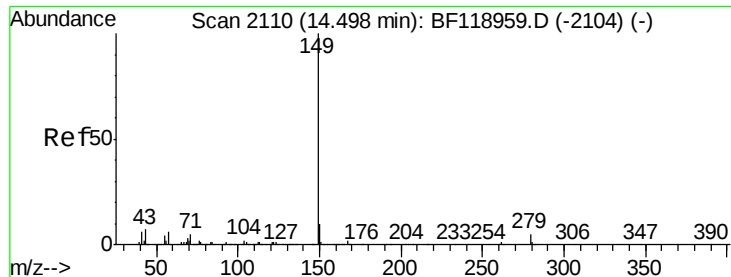


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 55.514 ng

RT: 14.50 min Scan# 2110

Delta R.T. -0.00 min

Lab File: BF118960.D

Acq: 20 Feb 2020 14:50

Instrument :

BNA_F

ClientSampleId :

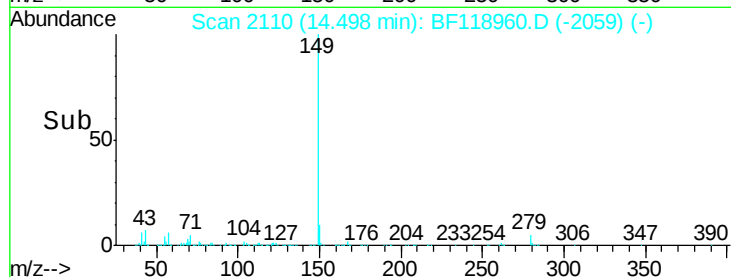
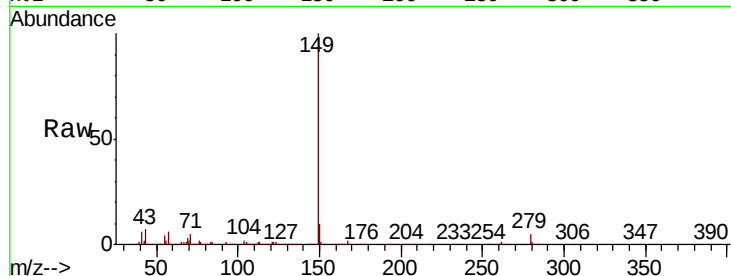
Tot Ion:149 Resp: 1552341

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

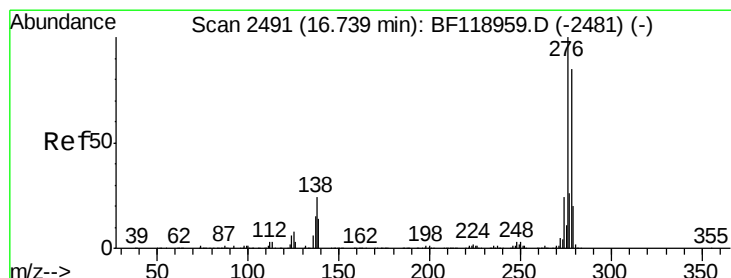
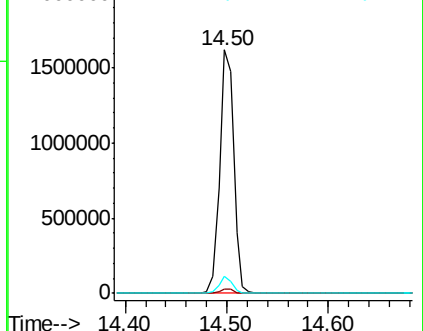
43 6.5 5.2 7.8



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: 52.703 ng

RT: 16.74 min Scan# 2491

Delta R.T. -0.00 min

Lab File: BF118960.D

Acq: 20 Feb 2020 14:50

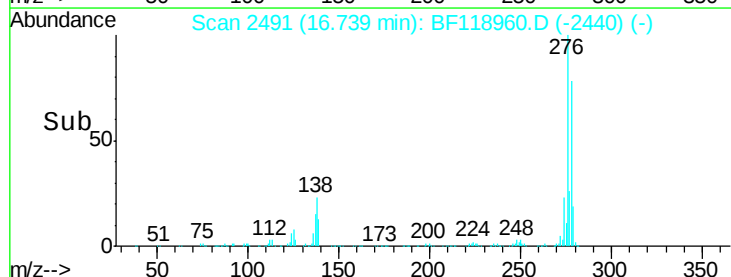
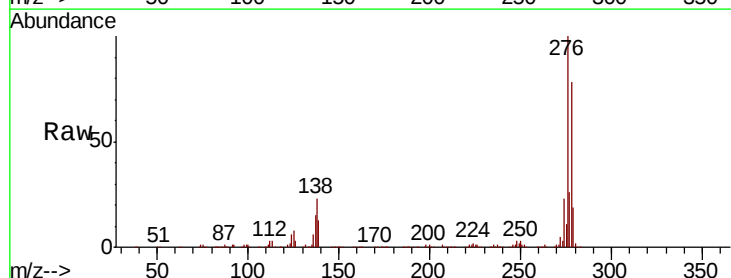
Tgt Ion:276 Resp: 1379240

Ion Ratio Lower Upper

276 100

138 22.3 18.7 28.1

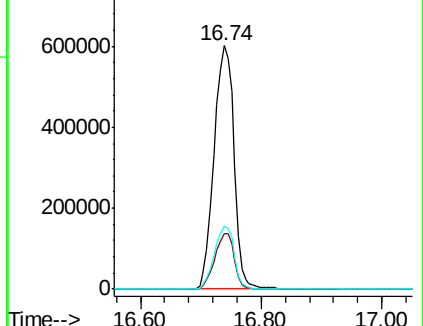
277 25.6 20.3 30.5

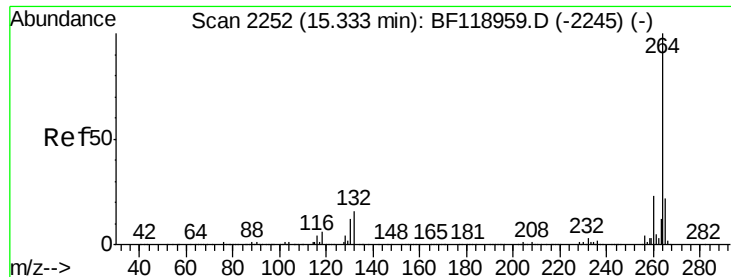


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



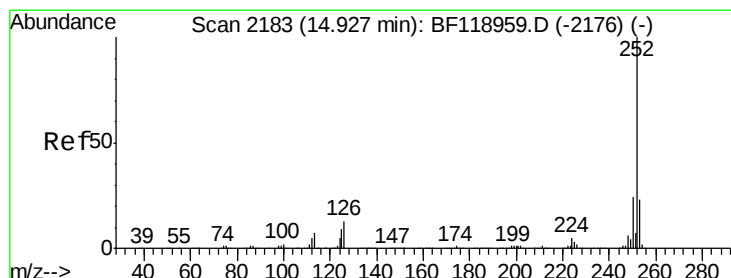
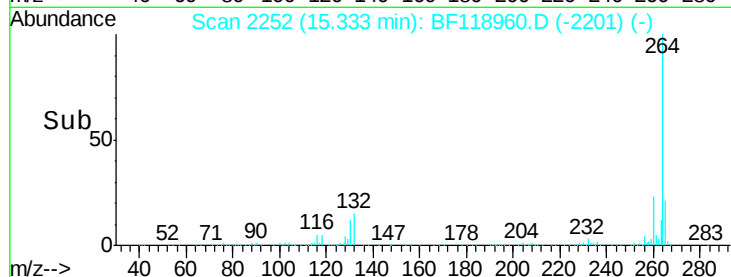
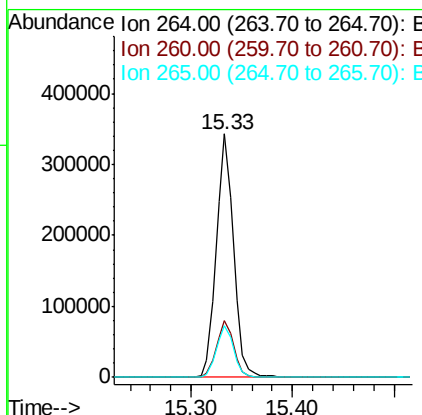
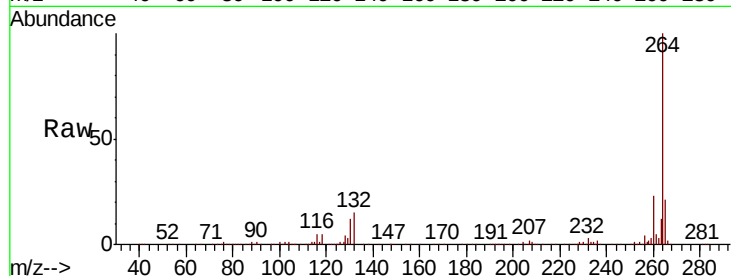


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2252
Delta R.T. -0.00 min
Lab File: BF118960.D
Acq: 20 Feb 2020 14:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 405773

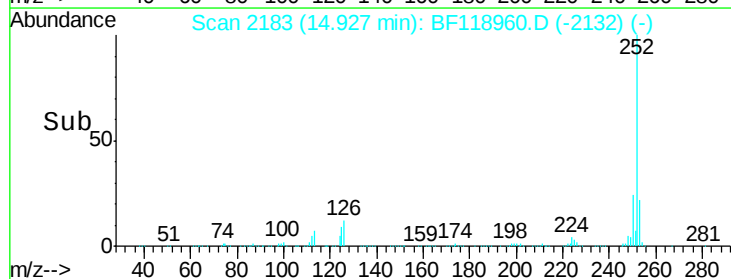
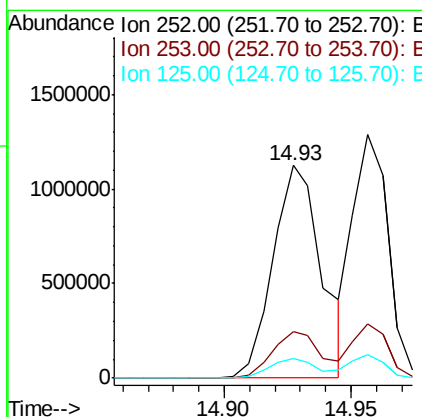
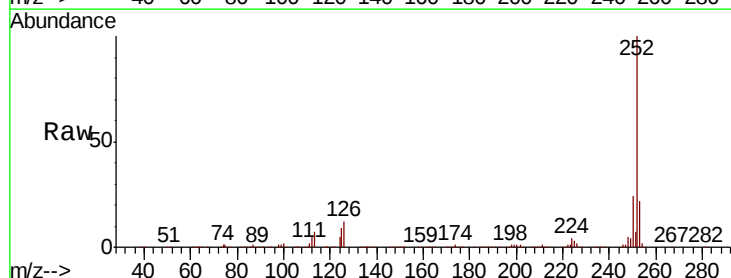
Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.6	28.0
265	21.4	17.3	25.9

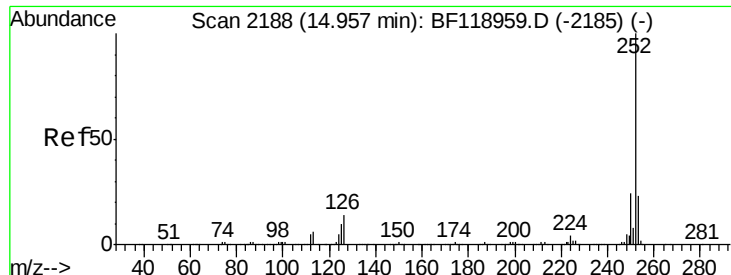


#88
Benzo(b)fluoranthene
Concen: 55.003 ng
RT: 14.93 min Scan# 2183
Delta R.T. -0.00 min
Lab File: BF118960.D
Acq: 20 Feb 2020 14:50

Tgt Ion:252 Resp: 1504566

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.2
125	9.5	7.4	11.0

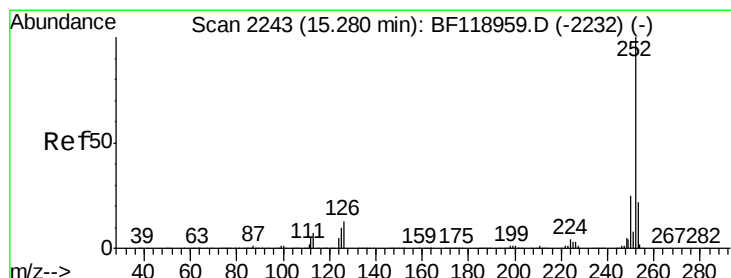
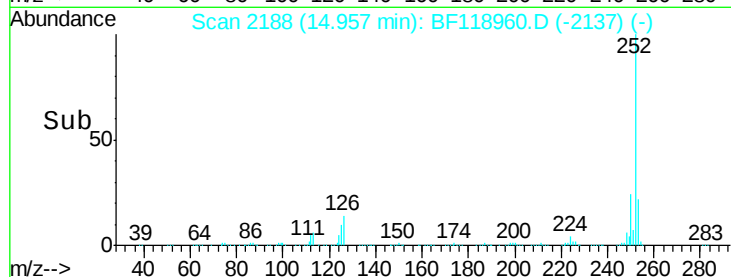
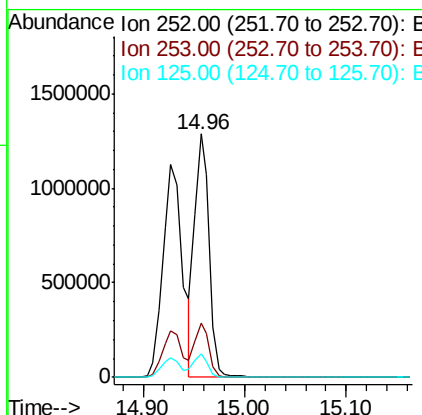
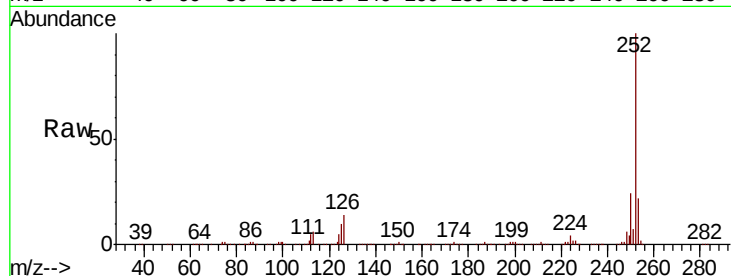




#89
Benzo(k)fluoranthene
Concen: 52.057 ng
RT: 14.96 min Scan# 2188
Delta R.T. -0.00 min
Lab File: BF118960.D
Acq: 20 Feb 2020 14:50

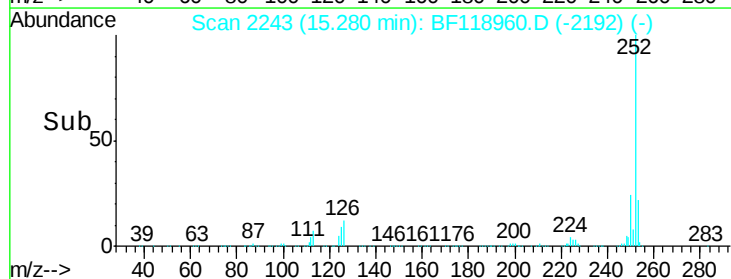
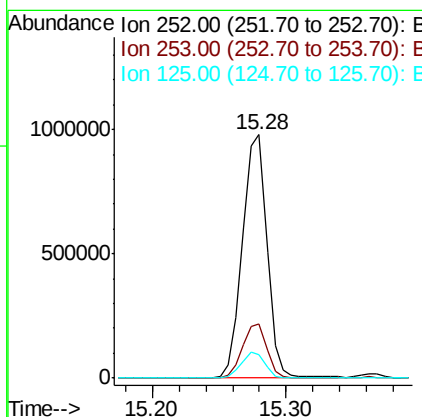
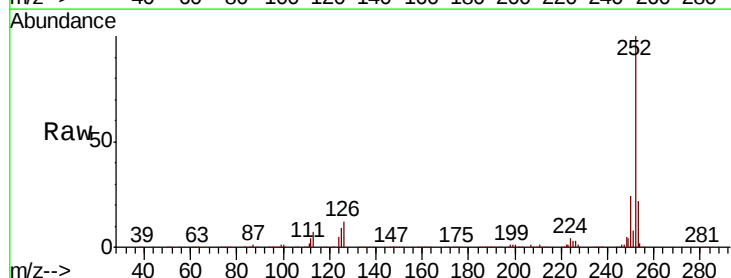
Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1265431
Ion Ratio Lower Upper
252 100
253 22.5 17.9 26.9
125 9.6 7.3 10.9



#90
Benzo(a)pyrene
Concen: 52.932 ng
RT: 15.28 min Scan# 2243
Delta R.T. -0.00 min
Lab File: BF118960.D
Acq: 20 Feb 2020 14:50

Tgt Ion:252 Resp: 1247462
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 9.4 7.8 11.6





#91

Dibenzo(a,h)anthracene

Concen: 52.790 ng

RT: 16.75 min Scan# 2493

Delta R.T. 0.01 min

Lab File: BF118960.D

Acq: 20 Feb 2020 14:50

Instrument :

BNA_F

ClientSampleId :

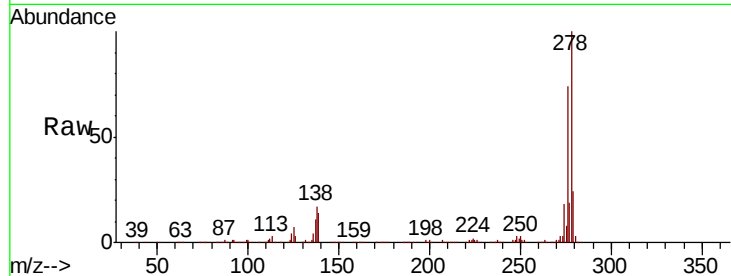
Tot Ion:278 Resp: 1127568

Ion Ratio Lower Upper

278 100

139 13.5 12.6 18.8

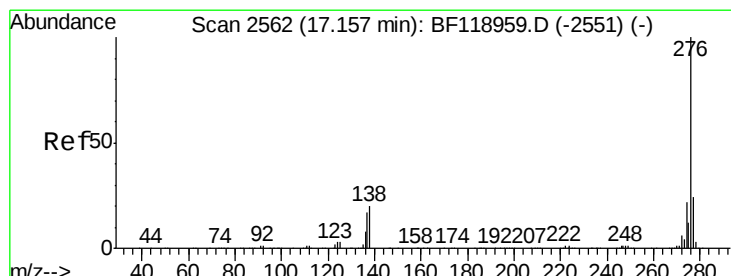
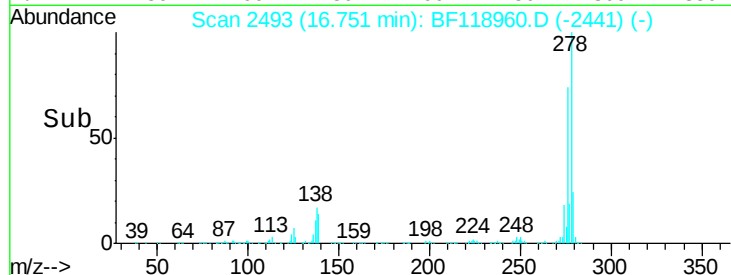
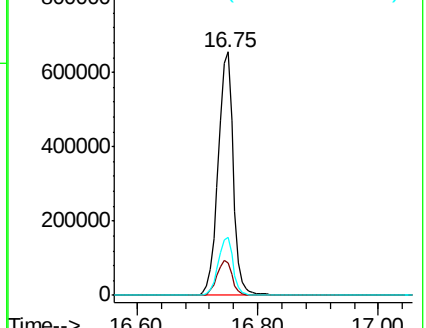
279 23.9 19.0 28.6



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: 53.521 ng

RT: 17.16 min Scan# 2563

Delta R.T. 0.01 min

Lab File: BF118960.D

Acq: 20 Feb 2020 14:50

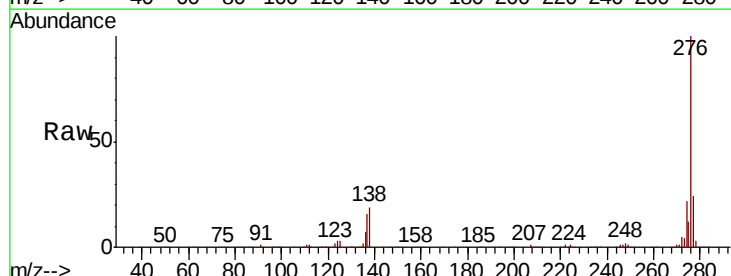
Tgt Ion:276 Resp: 1127946

Ion Ratio Lower Upper

276 100

277 24.0 19.2 28.8

138 18.8 16.2 24.4



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

