

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013020\
 Data File : BF118760.D
 Acq On : 30 Jan 2020 19:20
 Operator : CG/JU
 Sample : L1313-03MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 30 22:09:34 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 27 14:24:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	263827	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	1012097	20.00	ng	-0.02
39) Acenaphthene-d10	9.88	164	580144	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	1111018	20.00	ng	-0.02
76) Chrysene-d12	14.01	240	843473	20.00	ng	-0.01
87) Perylene-d12	15.46	264	885940	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	1604880	112.98	ng	-0.02
7) Phenol-d6	6.47	99	2028305	109.86	ng	-0.02
23) Nitrobenzene-d5	7.40	82	1320939	73.00	ng	-0.02
42) 2,4,6-Tribromophenol	10.67	330	784732	116.95	ng	-0.02
45) 2-Fluorobiphenyl	9.20	172	2546615	72.15	ng	-0.02
79) Terphenyl-d14	12.95	244	3221626	83.31	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.63	88	257431	37.416	ng	99
3) Pyridine	3.39	79	663438	34.211	ng	99
4) n-Nitrosodimethylamine	3.32	42	290086	34.892	ng	97
6) Aniline	6.50	93	774143	31.843	ng	99
8) 2-Chlorophenol	6.63	128	787283	49.377	ng	97
9) Benzaldehyde	6.39	77	373489	33.262	ng	99
10) Phenol	6.49	94	938839	44.620	ng	99
11) bis(2-Chloroethyl)ether	6.57	93	707574	45.325	ng	99
12) 1,3-Dichlorobenzene	6.78	146	848734	45.479	ng	99
13) 1,4-Dichlorobenzene	6.86	146	852487	45.506	ng	98
14) 1,2-Dichlorobenzene	7.02	146	797540	45.288	ng	97
15) Benzyl Alcohol	6.98	79	662092	45.220	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	840649	38.661	ng	99
17) 2-Methylphenol	7.09	107	628761	47.342	ng	99
18) Hexachloroethane	7.36	117	299776	44.131	ng	97
19) n-Nitroso-di-n-propylamine	7.26	70	510817	40.974	ng	97
20) 3+4-Methylphenols	7.25	107	740885	45.691	ng	94
22) Acetophenone	7.25	105	976187	40.716	ng	# 99
24) Nitrobenzene	7.42	77	769715	41.545	ng	97
25) Isophorone	7.66	82	1440802	43.656	ng	100
26) 2-Nitrophenol	7.74	139	427411	54.096	ng	99
27) 2,4-Dimethylphenol	7.77	122	681207	49.930	ng	99
28) bis(2-Chloroethoxy)methane	7.87	93	893863	42.033	ng	100
29) 2,4-Dichlorophenol	7.98	162	692840	45.938	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	765879	43.796	ng	99
31) Naphthalene	8.15	128	2152163	47.073	ng	100
32) Benzoic acid	7.90	122	480196	46.897	ng	98
33) 4-Chloroaniline	8.19	127	325648	15.410	ng	99
34) Hexachlorobutadiene	8.27	225	456452	42.861	ng	98
35) Caprolactam	8.56	113	129777	26.294	ng	96
36) 4-Chloro-3-methylphenol	8.67	107	714964	48.005	ng	99
37) 2-Methylnaphthalene	8.84	142	1559140	48.313	ng	100
38) 1-Methylnaphthalene	8.94	142	1453485	47.407	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	749424	41.285	ng	99

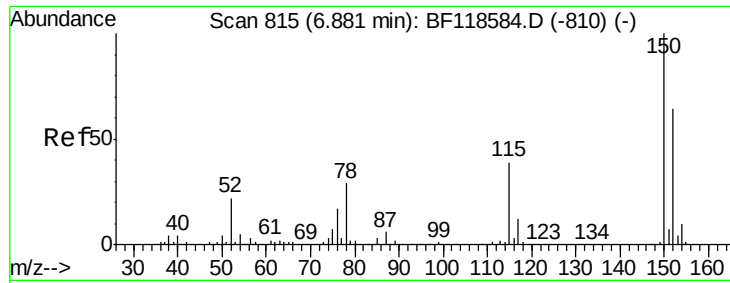
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013020\
 Data File : BF118760.D
 Acq On : 30 Jan 2020 19:20
 Operator : CG/JU
 Sample : L1313-03MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 30 22:09:34 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 27 14:24:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	820157	89.552	ng	100
43) 2,4,6-Trichlorophenol	9.12	196	537462	44.619	ng	99
44) 2,4,5-Trichlorophenol	9.16	196	578793	47.048	ng	97
46) 1,1'-Biphenyl	9.30	154	1834652	45.885	ng	99
47) 2-Chloronaphthalene	9.33	162	1476658	43.817	ng	99
48) 2-Nitroaniline	9.42	65	418025	40.351	ng	98
49) Acenaphthylene	9.75	152	2295521	48.418	ng	100
50) Dimethylphthalate	9.60	163	1977255	52.312	ng	99
51) 2,6-Dinitrotoluene	9.66	165	427125	50.465	ng	90
52) Acenaphthene	9.92	154	1577716	49.767	ng	100
53) 3-Nitroaniline	9.83	138	229405	23.737	ng	95
54) 2,4-Dinitrophenol	9.94	184	410177	121.391	ng	100
55) Dibenzofuran	10.09	168	2094286	47.670	ng	99
56) 4-Nitrophenol	9.99	139	718088	98.424	ng	98
57) 2,4-Dinitrotoluene	10.07	165	564223	52.880	ng	96
58) Fluorene	10.43	166	1574636	45.655	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	501650	46.361	ng	100
60) Diethylphthalate	10.30	149	1771542	48.341	ng	100
61) 4-Chlorophenyl-phenylether	10.42	204	838398	44.695	ng	96
62) 4-Nitroaniline	10.44	138	412687	41.629	ng	98
63) Azobenzene	10.58	77	1561828	44.006	ng	97
65) 4,6-Dinitro-2-methylphenol	10.47	198	311343	63.729	ng	90
66) n-Nitrosodiphenylamine	10.54	169	1505285	44.926	ng	98
67) 4-Bromophenyl-phenylether	10.91	248	601599	43.829	ng	96
68) Hexachlorobenzene	10.98	284	669205	43.003	ng	99
69) Atrazine	11.07	200	568659	48.967	ng	99
70) Pentachlorophenol	11.17	266	725349	83.834	ng	99
71) Phenanthrene	11.39	178	2546885	47.516	ng	100
72) Anthracene	11.44	178	2552482	48.127	ng	99
73) Carbazole	11.59	167	2256103	46.376	ng	99
74) Di-n-butylphthalate	11.93	149	2804772	51.893	ng	99
75) Fluoranthene	12.58	202	2876242	50.877	ng	99
77) Benzidine	12.70	184	1554331	68.968	ng	100
78) Pyrene	12.81	202	2879675	50.287	ng	99
80) Butylbenzylphthalate	13.43	149	1268932	54.144	ng	97
81) Benzo(a)anthracene	14.00	228	2415122	47.599	ng	99
82) 3,3'-Dichlorobenzidine	13.96	252	546065	30.203	ng	99
83) Chrysene	14.03	228	2411800	49.596	ng	99
84) Bis(2-ethylhexyl)phthalate	13.99	149	1765223	61.651	ng	99
85) Di-n-octyl phthalate	14.60	149	2959322	69.826	ng	100
86) Indeno(1,2,3-cd)pyrene	16.93	276	2717202	64.307	ng	99
88) Benzo(b)fluoranthene	15.04	252	2517102	45.200	ng	100
89) Benzo(k)fluoranthene	15.07	252	2229314	43.210	ng	99
90) Benzo(a)pyrene	15.40	252	2161272	44.991	ng	99
91) Dibenzo(a,h)anthracene	16.94	278	2205424	51.901	ng	99
92) Benzo(g,h,i)perylene	17.37	276	2325831	56.373	ng	98

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

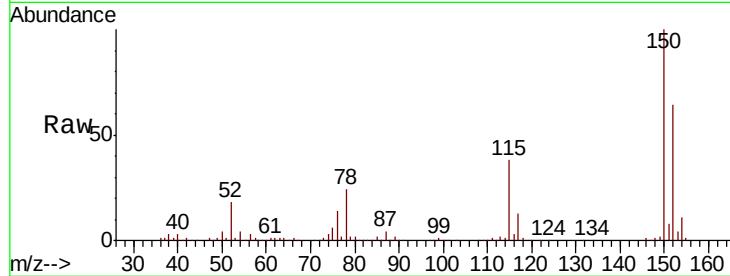


#1

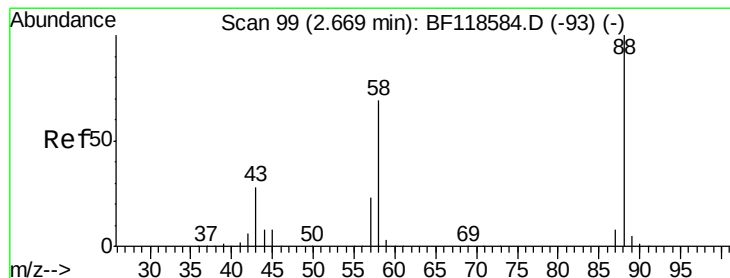
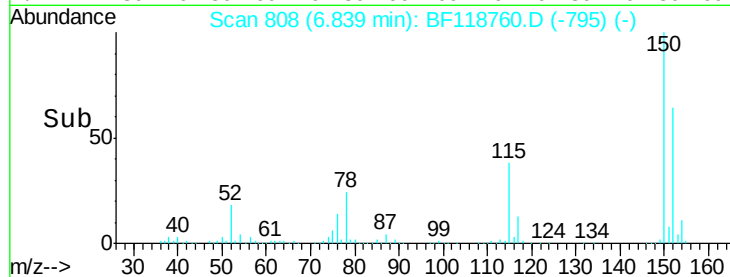
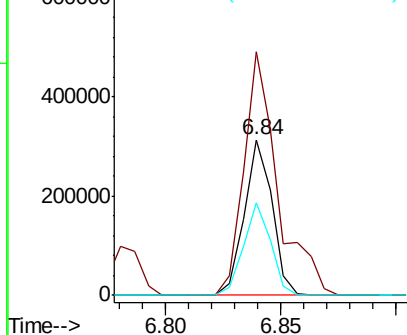
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.02 min
Lab File: BF118760.D
Acq: 30 Jan 2020 19:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 263827
Ion Ratio Lower Upper
152 100
150 156.2 123.7 185.5
115 59.1 45.1 67.7



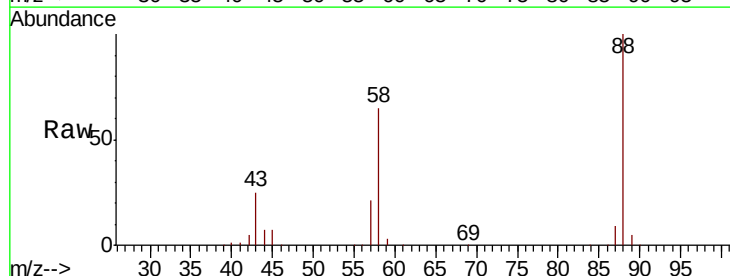
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



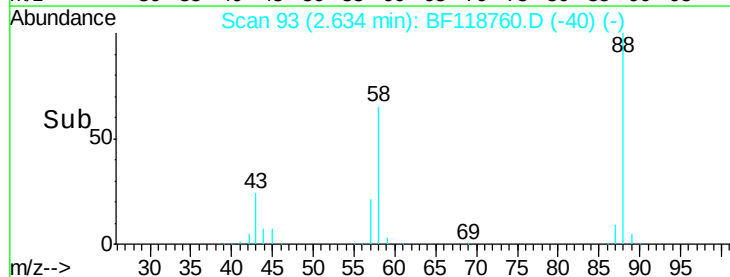
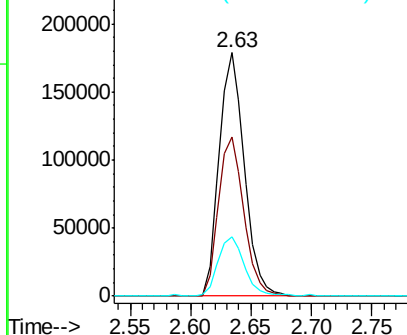
#2

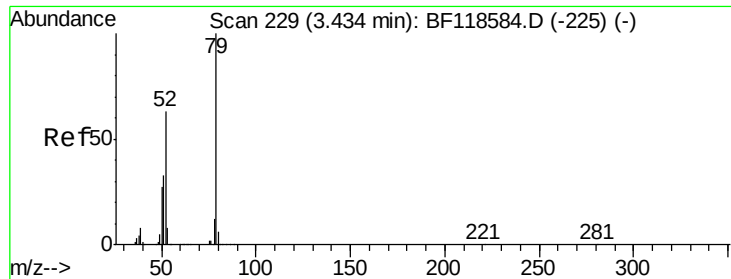
1,4-Dioxane
Concen: 37.416 ng
RT: 2.63 min Scan# 93
Delta R.T. 0.01 min
Lab File: BF118760.D
Acq: 30 Jan 2020 19:20

Tgt Ion: 88 Resp: 257431
Ion Ratio Lower Upper
88 100
58 65.9 51.9 77.9
43 24.5 19.3 28.9



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: 34.211 ng

RT: 3.39 min Scan# 221

Delta R.T. 0.01 min

Lab File: BF118760.D

Acq: 30 Jan 2020 19:20

Instrument :

BNA_F

ClientSampleId :

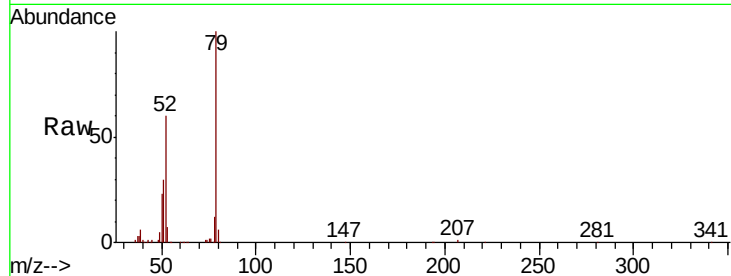
Tot Ion: 79 Resp: 663438

Ion Ratio Lower Upper

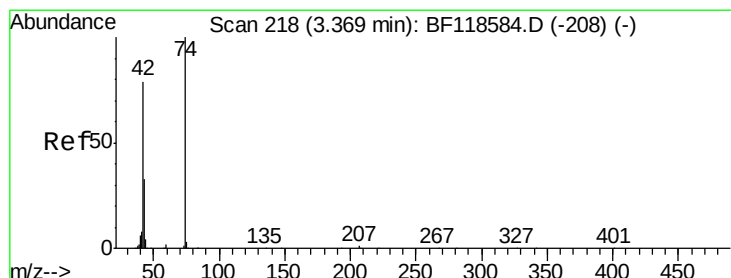
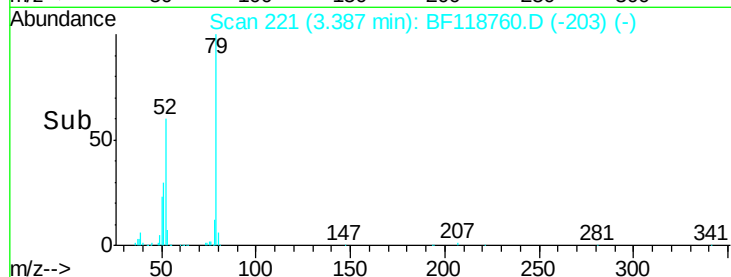
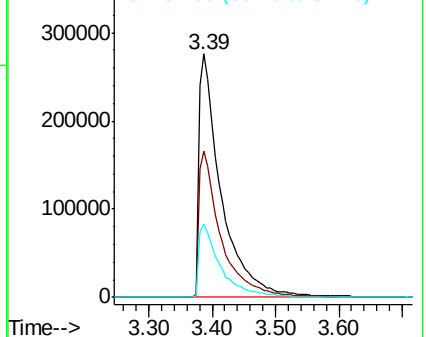
79 100

52 59.9 48.8 73.2

51 29.9 24.4 36.6



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



#4

n-Nitrosodimethylamine

Concen: 34.892 ng

RT: 3.32 min Scan# 210

Delta R.T. -0.01 min

Lab File: BF118760.D

Acq: 30 Jan 2020 19:20

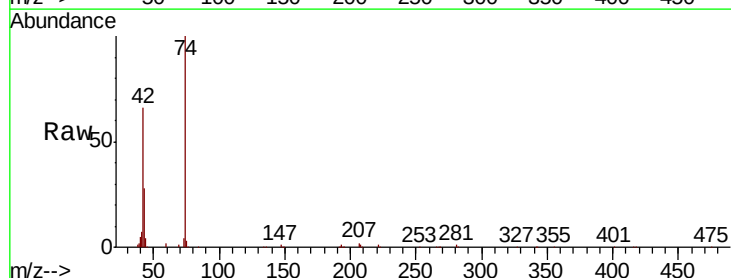
Tgt Ion: 42 Resp: 290086

Ion Ratio Lower Upper

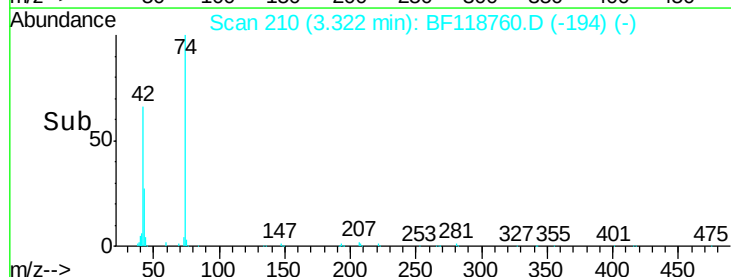
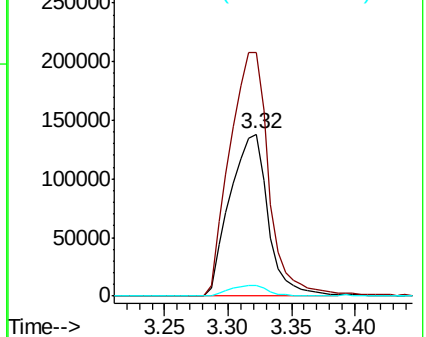
42 100

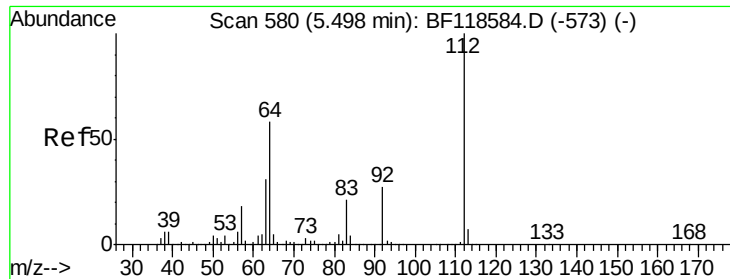
74 150.6 123.5 185.3

44 6.6 5.6 8.4



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: 112.978 ng

RT: 5.46 min Scan# 574

Delta R.T. -0.02 min

Lab File: BF118760.D

Acq: 30 Jan 2020 19:20

Instrument :

BNA_F

ClientSampleId :

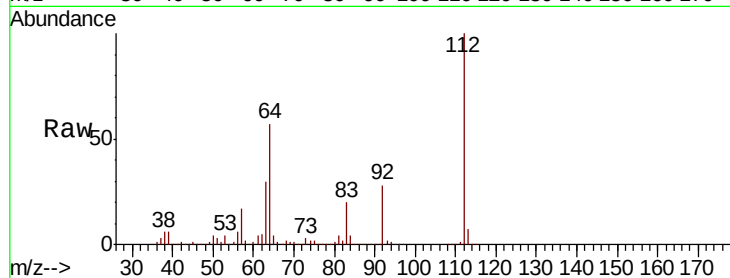
Tot Ion:112 Resp: 1604880

Ion Ratio Lower Upper

112 100

64 56.8 42.4 63.6

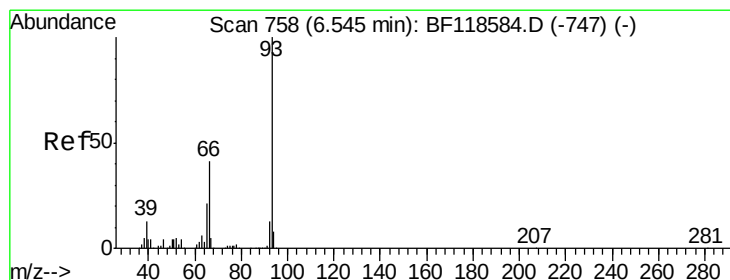
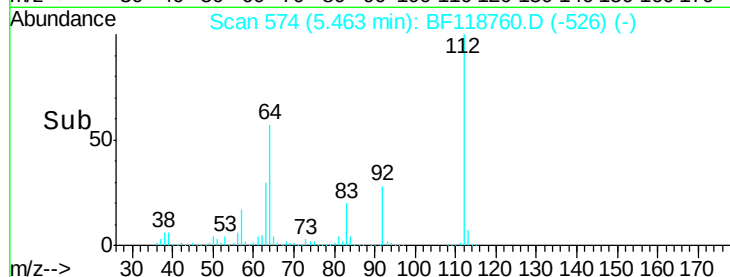
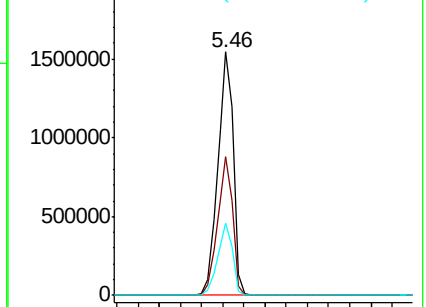
63 29.8 21.7 32.5



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: 31.843 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.02 min

Lab File: BF118760.D

Acq: 30 Jan 2020 19:20

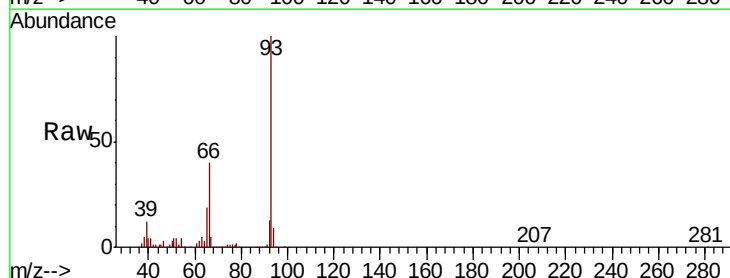
Tgt Ion: 93 Resp: 774143

Ion Ratio Lower Upper

93 100

66 39.5 31.3 46.9

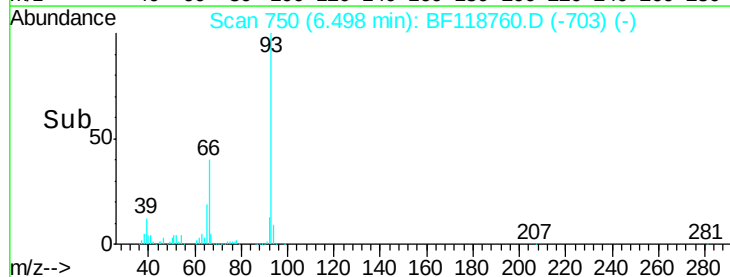
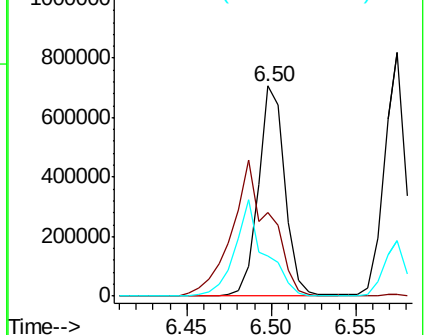
65 19.4 15.3 22.9

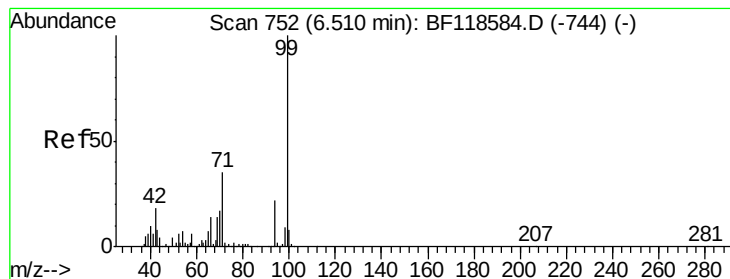


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 109.857 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BF118760.D

Acq: 30 Jan 2020 19:20

Instrument :

BNA_F

ClientSampleId :

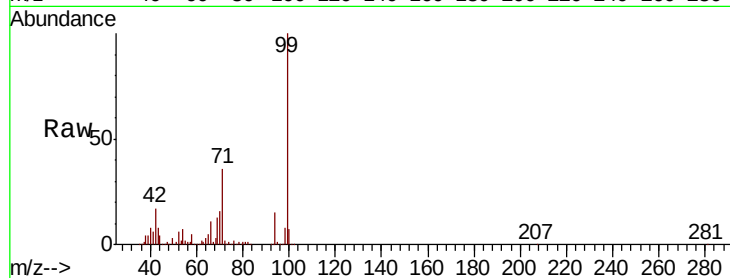
Tot Ion: 99 Resp: 2028305

Ion	Ratio	Lower	Upper
99	100		
42	16.8	13.1	19.7
71	35.8	28.4	42.6

99 100

42 16.8 13.1 19.7

71 35.8 28.4 42.6

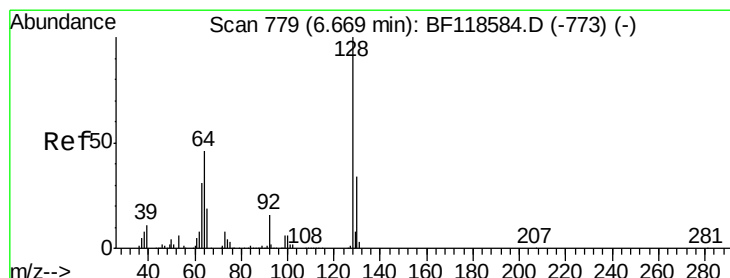
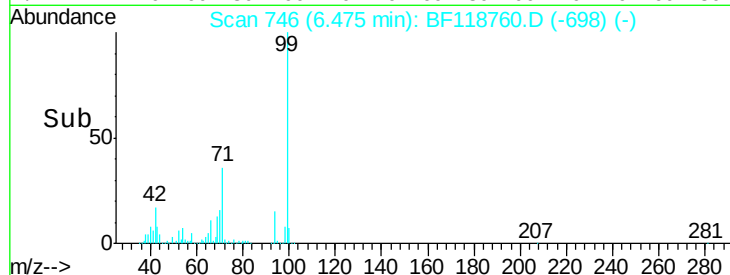
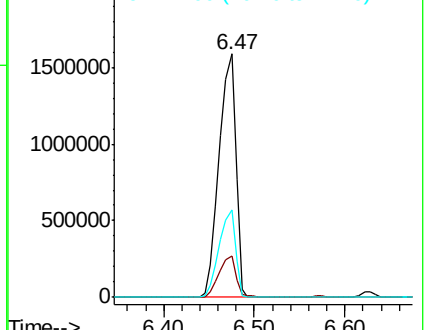


Abundance

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: 49.377 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.02 min

Lab File: BF118760.D

Acq: 30 Jan 2020 19:20

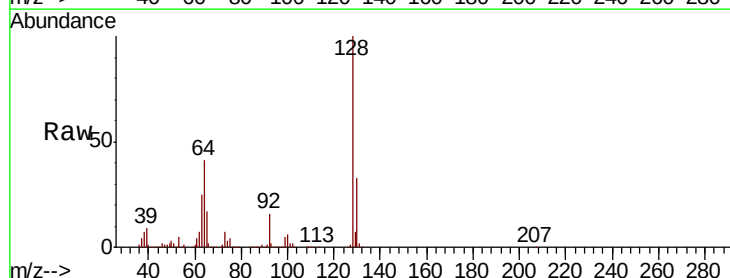
Tgt Ion: 128 Resp: 787283

Ion	Ratio	Lower	Upper
128	100		
130	33.2	12.8	52.8
64	41.0	24.5	64.5

128 100

130 33.2 12.8 52.8

64 41.0 24.5 64.5

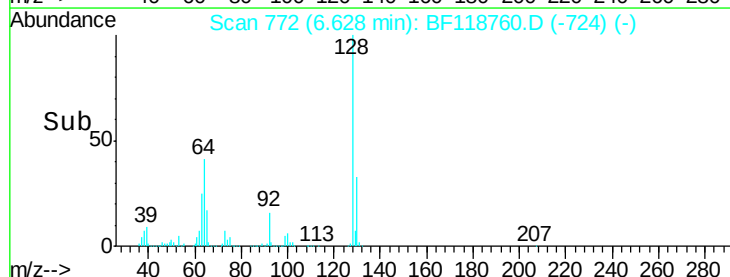
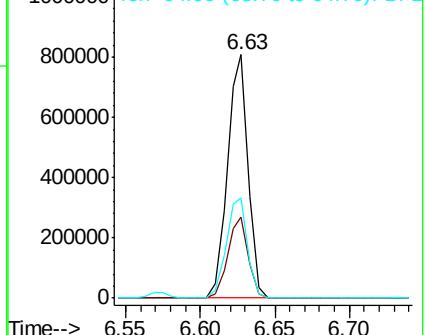


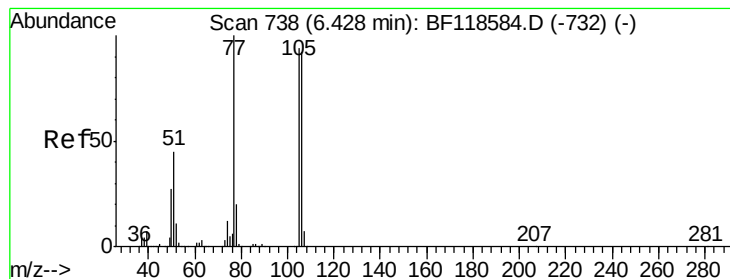
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 33.262 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF118760.D

Acq: 30 Jan 2020 19:20

Instrument :

BNA_F

ClientSampled :

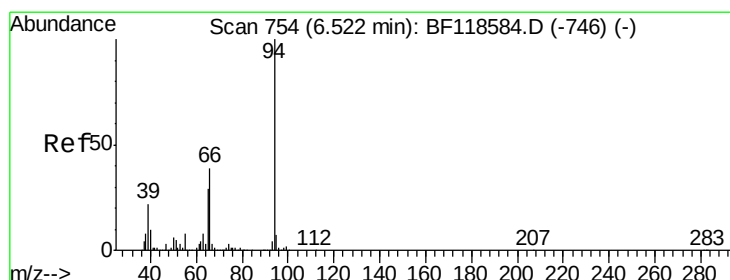
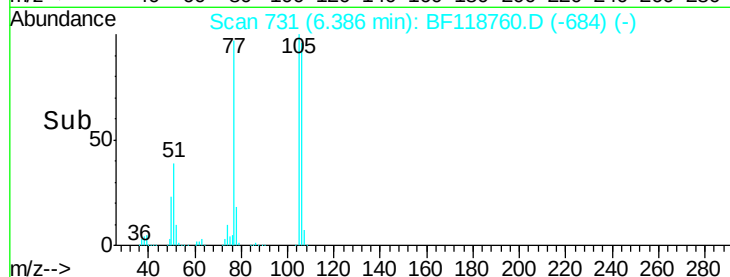
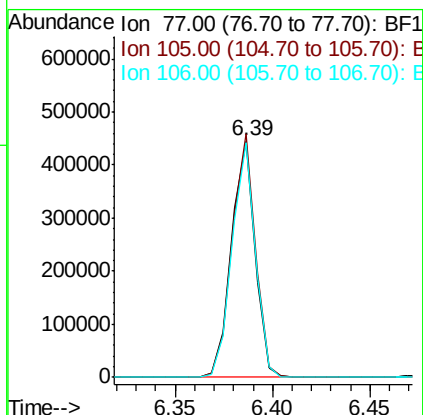
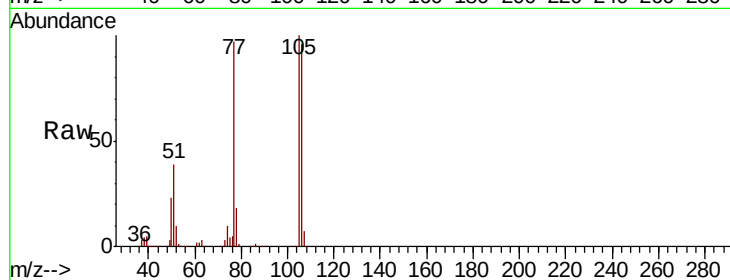
Tot Ion: 77 Resp: 373489

Ion Ratio Lower Upper

77 100

105 103.1 84.3 124.3

106 99.1 80.4 120.4



#10

Phenol

Concen: 44.620 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.02 min

Lab File: BF118760.D

Acq: 30 Jan 2020 19:20

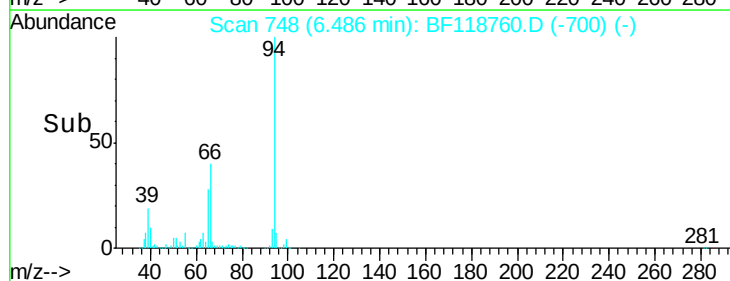
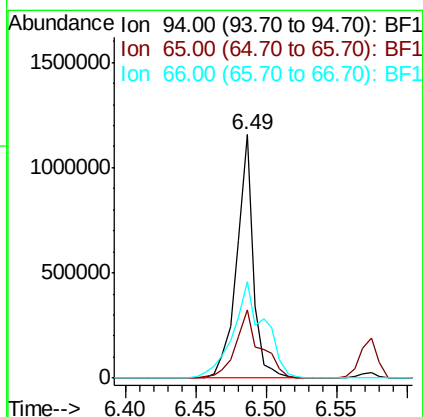
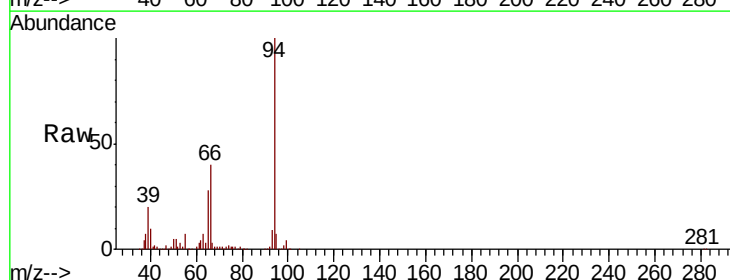
Tgt Ion: 94 Resp: 938839

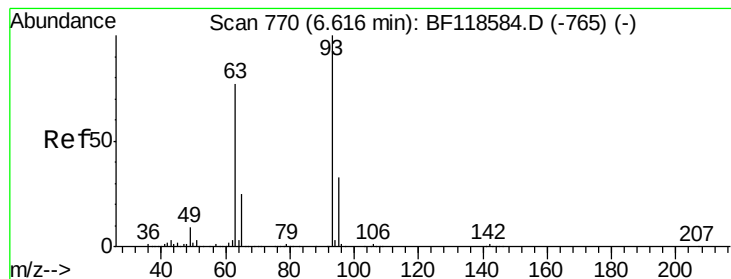
Ion Ratio Lower Upper

94 100

65 28.0 7.9 47.9

66 39.6 19.1 59.1





#11

bis(2-Chloroethyl)ether

Concen: 45.325 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.02 min

Lab File: BF118760.D

Acq: 30 Jan 2020 19:20

Instrument :

BNA_F

ClientSampled :

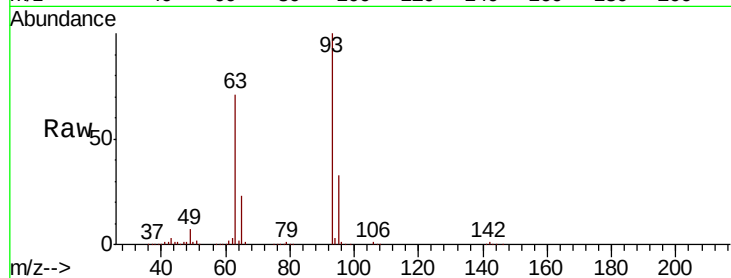
Tot Ion: 93 Resp: 707574

Ion Ratio Lower Upper

93 100

63 71.2 52.1 92.1

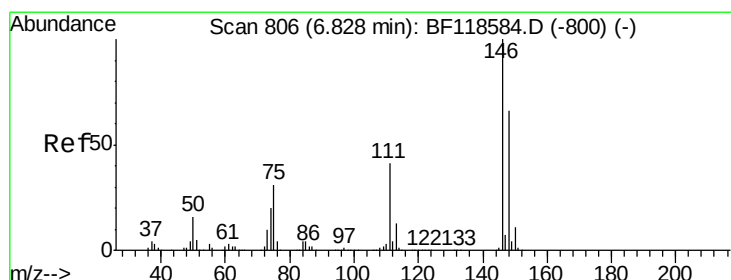
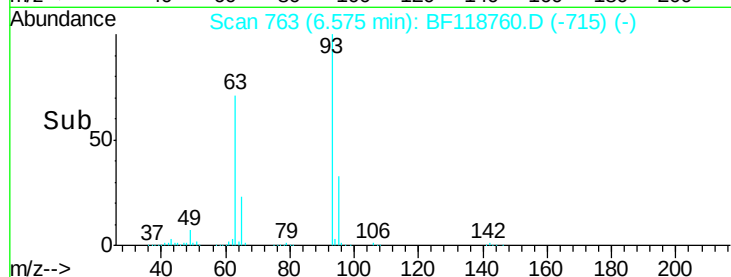
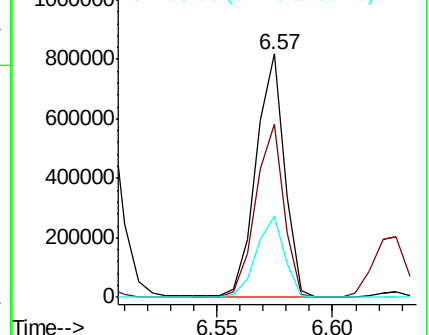
95 33.1 13.2 53.2



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: 45.479 ng

RT: 6.78 min Scan# 798

Delta R.T. -0.02 min

Lab File: BF118760.D

Acq: 30 Jan 2020 19:20

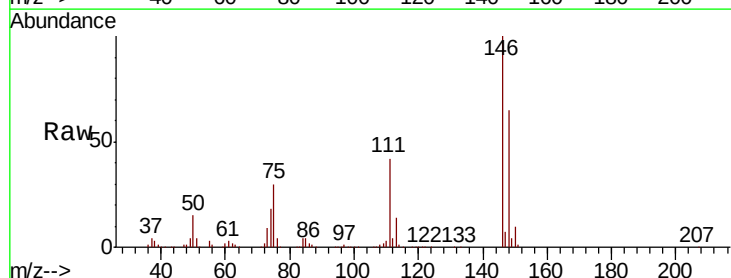
Tgt Ion: 146 Resp: 848734

Ion Ratio Lower Upper

146 100

148 65.0 52.2 78.4

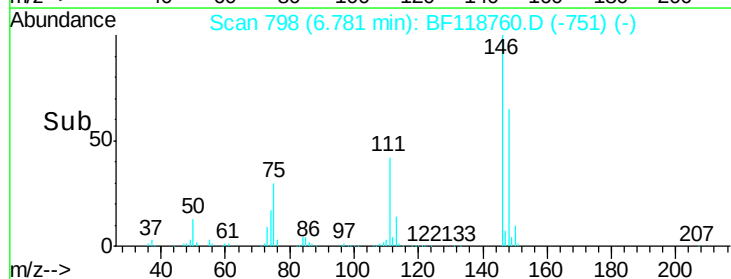
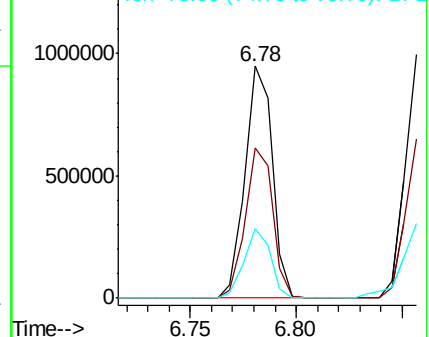
75 30.3 23.1 34.7

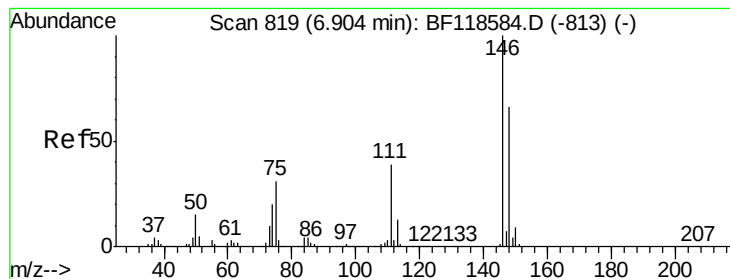


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 45.506 ng

RT: 6.86 min Scan# 811

Delta R.T. -0.02 min

Lab File: BF118760.D

Acq: 30 Jan 2020 19:20

Instrument :

BNA_F

ClientSampled :

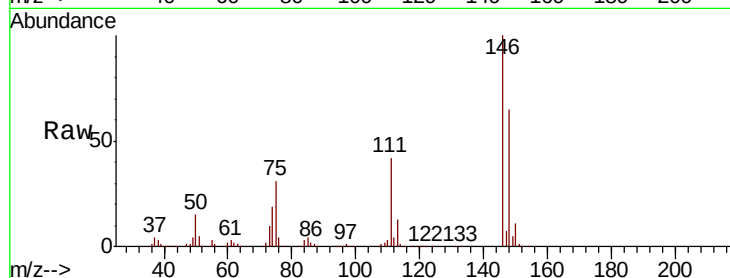
Tot Ion:146 Resp: 852487

Ion Ratio Lower Upper

146 100

148 65.3 51.5 77.3

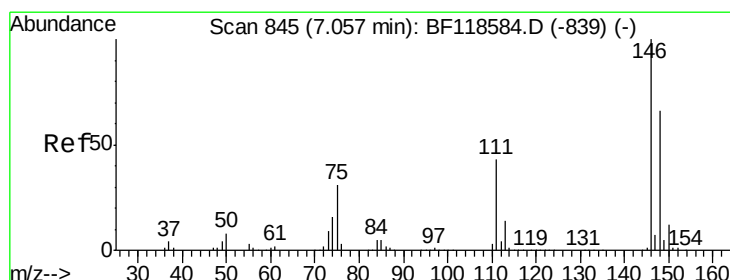
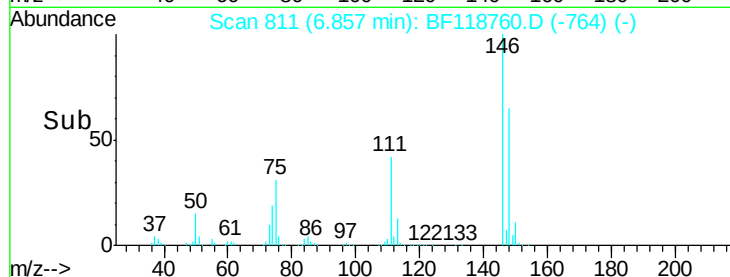
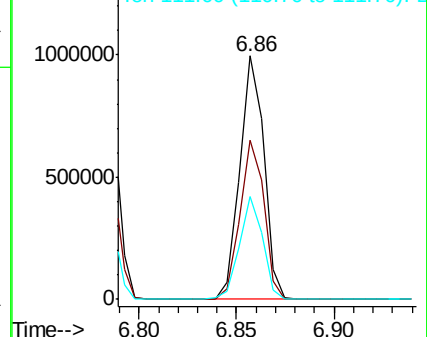
111 42.0 31.8 47.6



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: 45.288 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.02 min

Lab File: BF118760.D

Acq: 30 Jan 2020 19:20

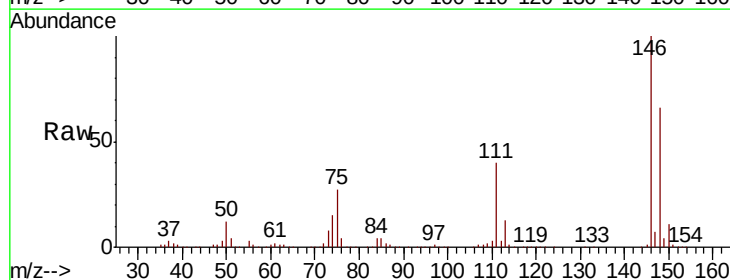
Tgt Ion:146 Resp: 797540

Ion Ratio Lower Upper

146 100

148 65.9 51.7 77.5

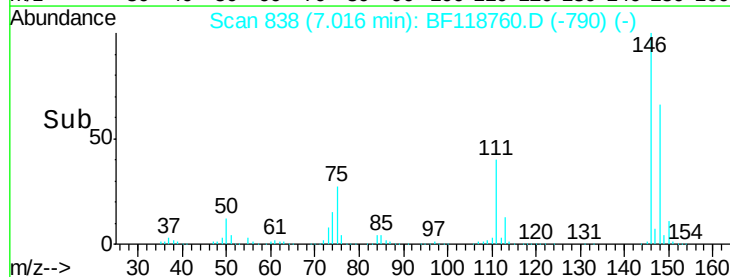
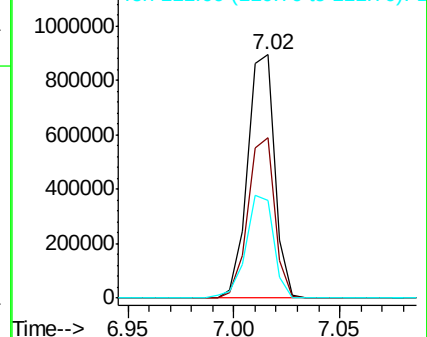
111 40.2 35.3 52.9

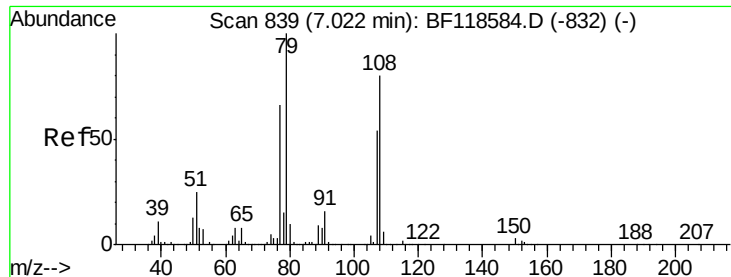


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 45.220 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.02 min

Lab File: BF118760.D

Acq: 30 Jan 2020 19:20

Instrument :

BNA_F

ClientSampled :

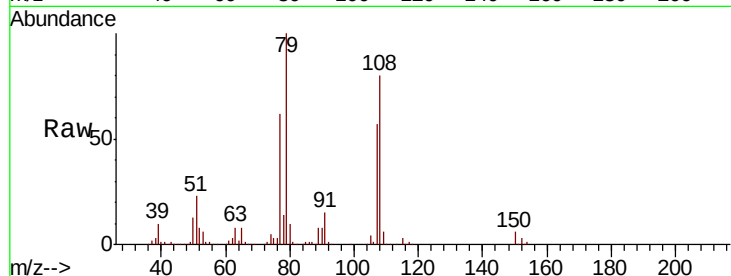
Tot Ion: 79 Resp: 662092

Ion Ratio Lower Upper

79 100

108 80.2 63.4 95.2

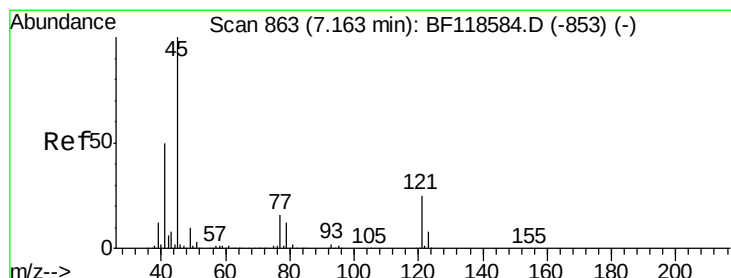
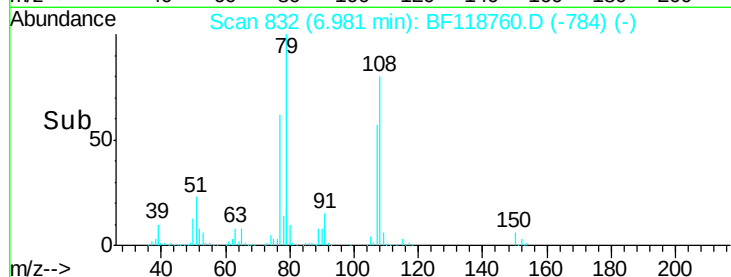
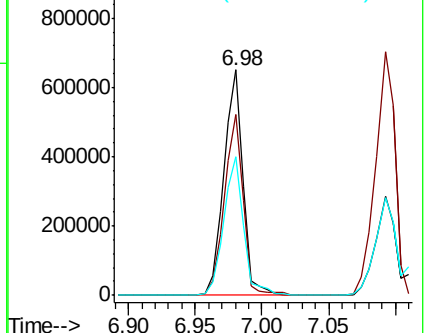
77 61.8 49.8 74.6



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: 38.661 ng

RT: 7.12 min Scan# 855

Delta R.T. -0.02 min

Lab File: BF118760.D

Acq: 30 Jan 2020 19:20

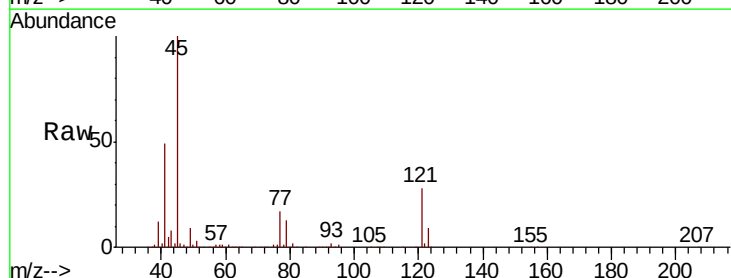
Tgt Ion: 45 Resp: 840649

Ion Ratio Lower Upper

45 100

77 17.1 0.0 36.9

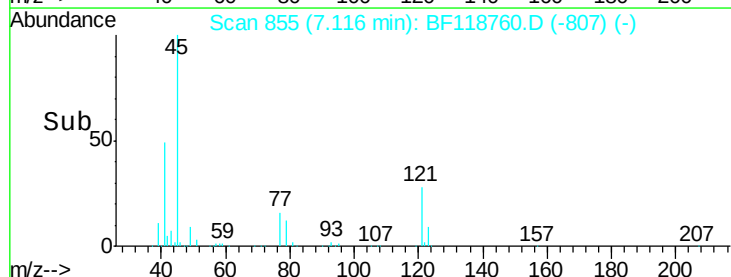
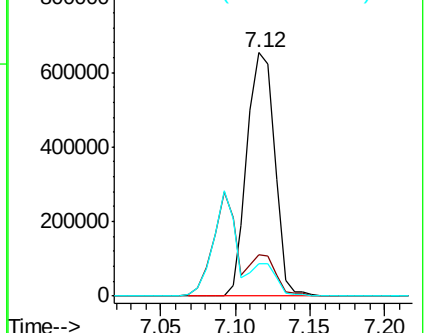
79 13.2 0.0 32.5

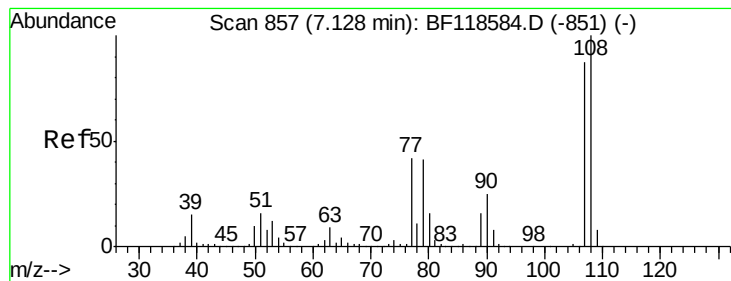


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

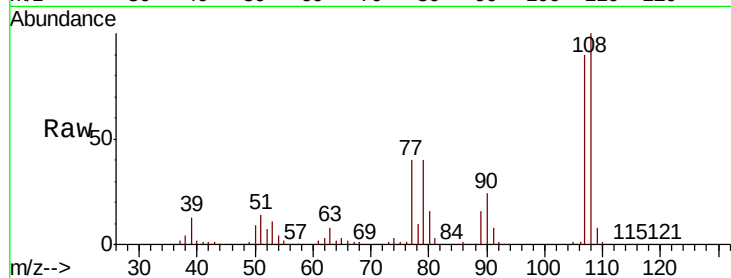




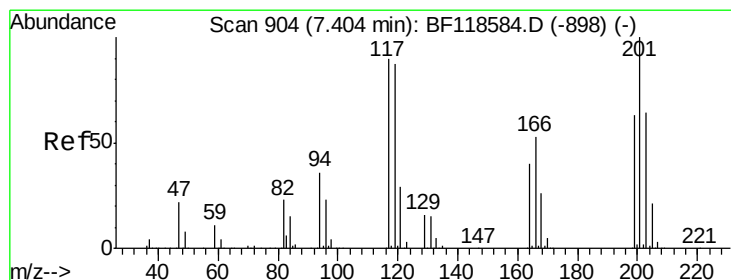
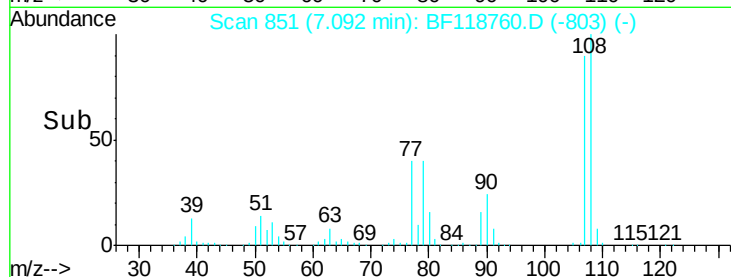
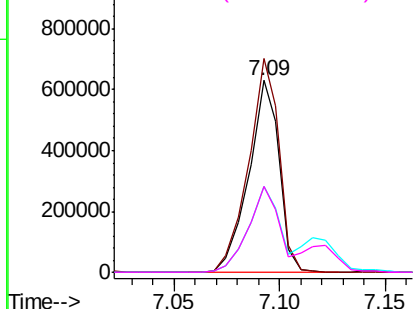
#17
2-Methylphenol
Concen: 47.342 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.02 min
Lab File: BF118760.D
Acq: 30 Jan 2020 19:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 628761
Ion Ratio Lower Upper
107 100
108 111.4 88.0 132.0
77 44.5 35.3 52.9
79 45.0 35.4 53.2

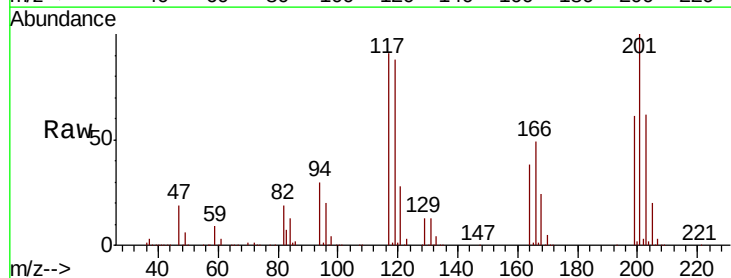


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

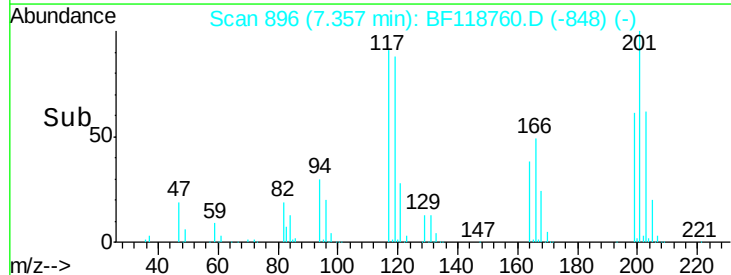
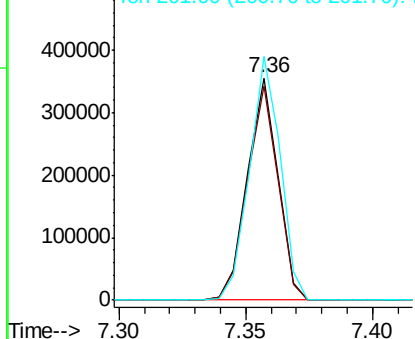


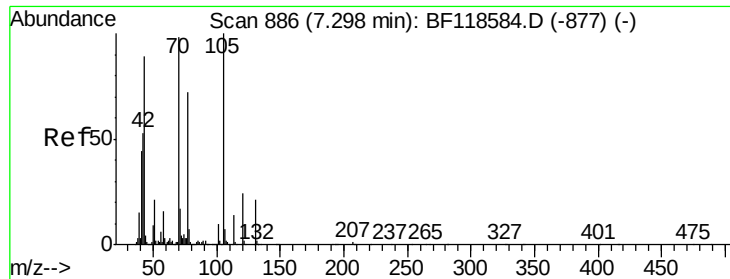
#18
Hexachloroethane
Concen: 44.131 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.02 min
Lab File: BF118760.D
Acq: 30 Jan 2020 19:20

Tgt Ion:117 Resp: 299776
Ion Ratio Lower Upper
117 100
119 96.2 76.2 114.2
201 109.6 83.3 124.9



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

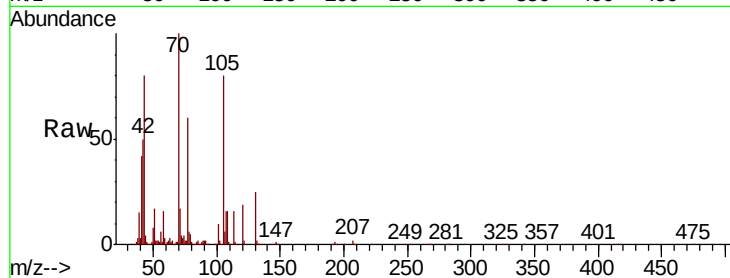




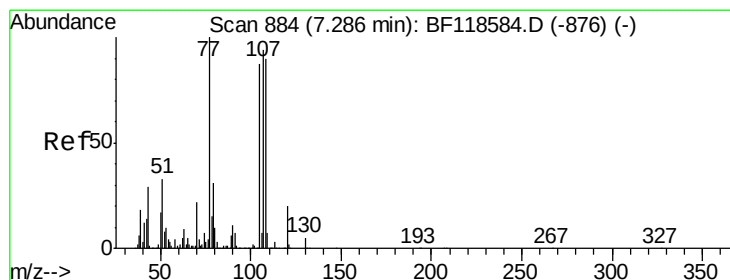
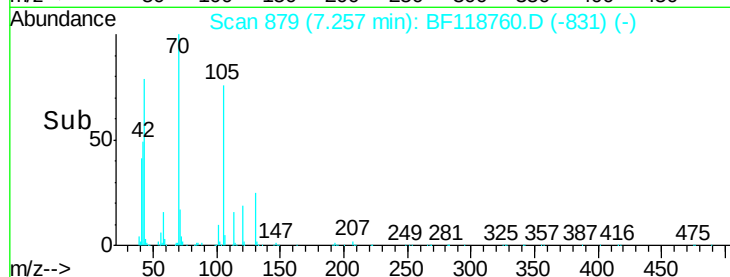
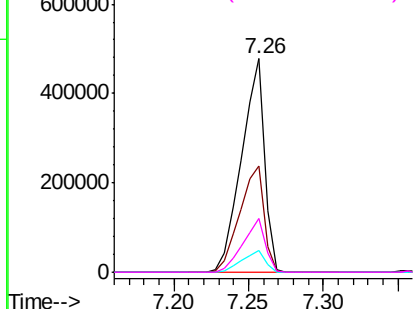
#19
n-Nitroso-di-n-propylamine
Concen: 40.974 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.02 min
Lab File: BF118760.D
Acq: 30 Jan 2020 19:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	510817
Ion	Ratio	Lower	Upper
70	100		
42	49.6	41.6	62.4
101	10.4	7.9	11.9
130	25.0	19.0	28.6

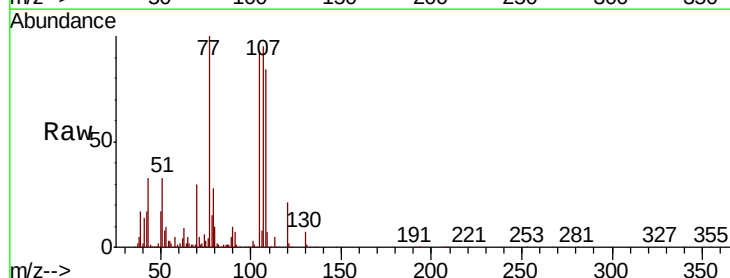


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

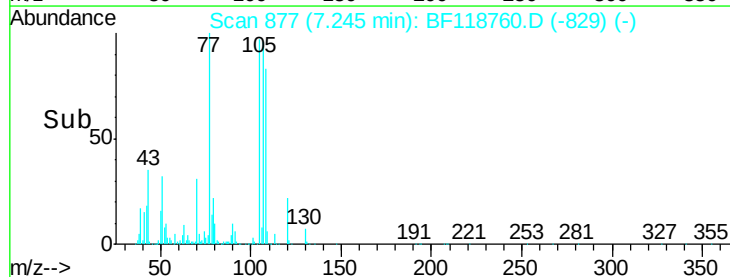
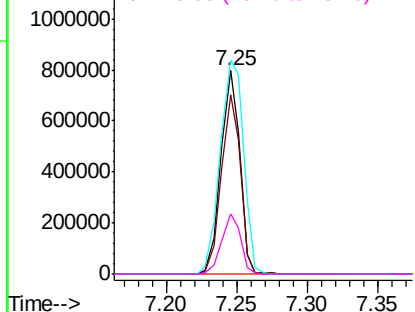


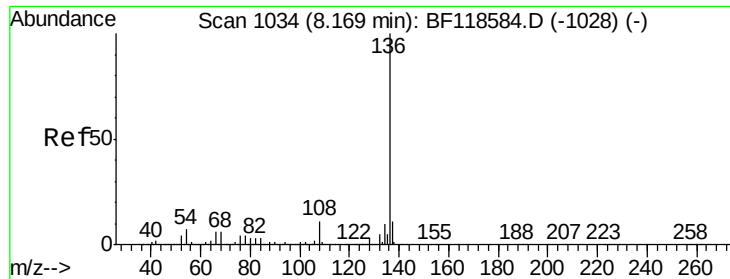
#20
3+4-Methylphenols
Concen: 45.691 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.02 min
Lab File: BF118760.D
Acq: 30 Jan 2020 19:20

Tgt Ion:	107	Resp:	740885
Ion	Ratio	Lower	Upper
107	100		
108	88.3	67.5	107.5
77	105.1	73.6	113.6
79	29.8	9.3	49.3



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

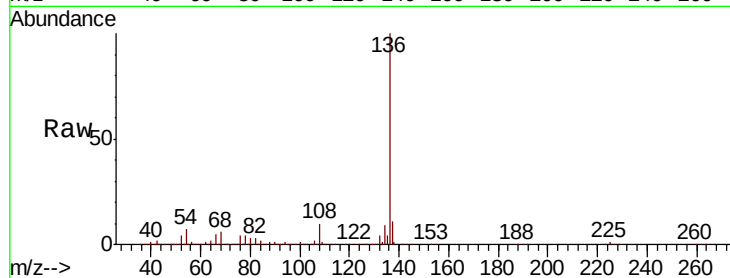




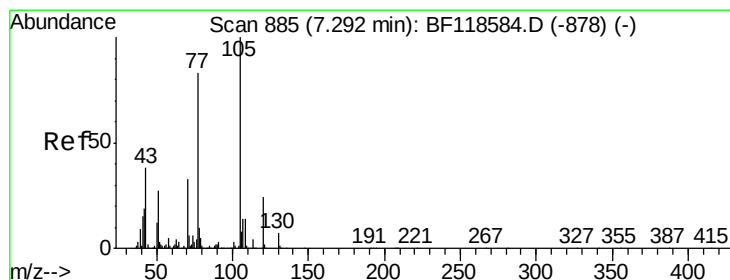
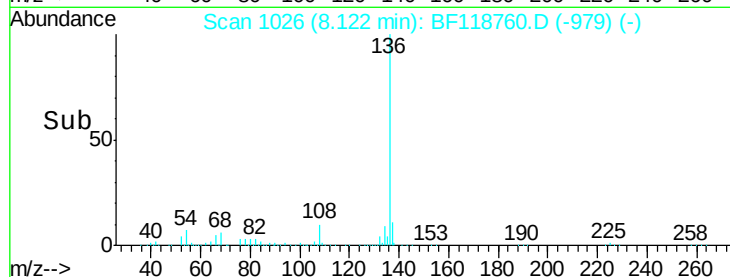
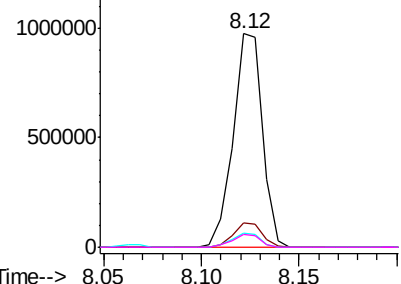
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.02 min
Lab File: BF118760.D
Acq: 30 Jan 2020 19:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 1012097
Ion Ratio	Lower Upper
136 100	
137 11.5	8.9 13.3
54 6.7	5.1 7.7
68 5.9	4.3 6.5

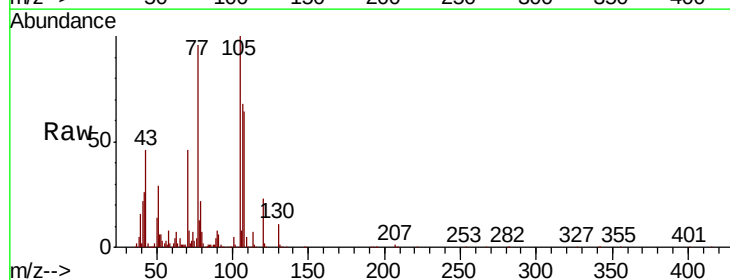


Abundance Ion 136.00 (135.70 to 136.70): E
1500000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

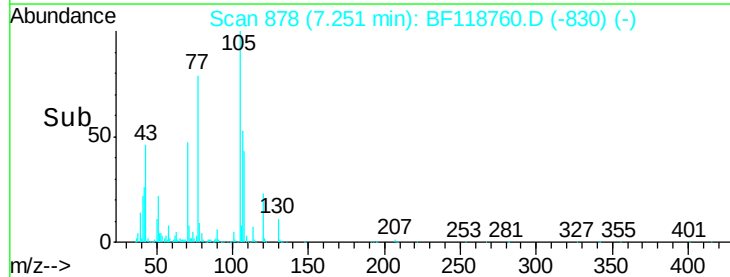
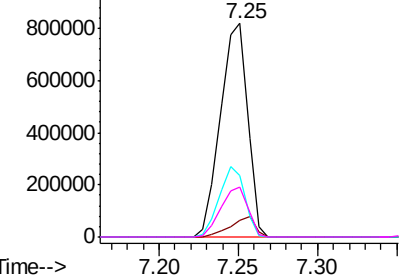


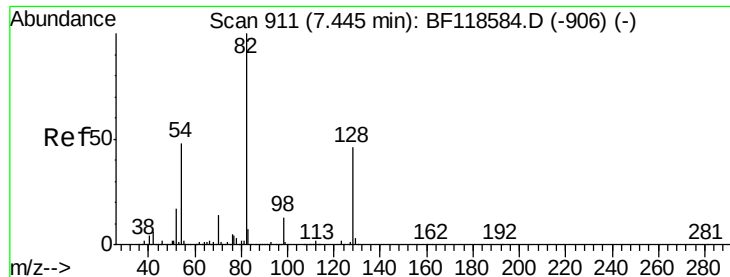
#22
Acetophenone
Concen: 40.716 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.02 min
Lab File: BF118760.D
Acq: 30 Jan 2020 19:20

Tgt	Ion:105	Resp:	976187
Ion	Ratio	Lower	Upper
105	100		
71	7.8	4.3	6.5#
51	29.0	23.5	35.3
120	23.1	18.6	28.0



Abundance Ion 105.00 (104.70 to 105.70): E
1200000
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 73.002 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.02 min

Lab File: BF118760.D

Acq: 30 Jan 2020 19:20

Instrument :

BNA_F

ClientSampleId :

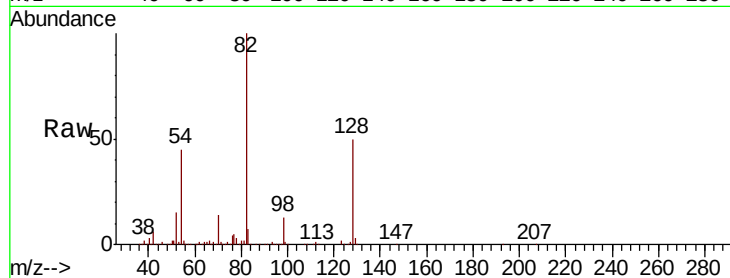
Tot Ion: 82 Resp: 1320939

Ion Ratio Lower Upper

82 100

128 49.5 38.2 57.2

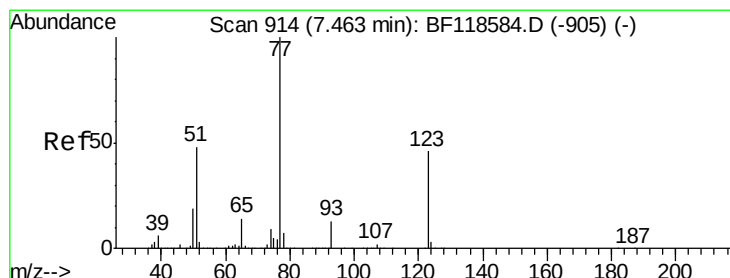
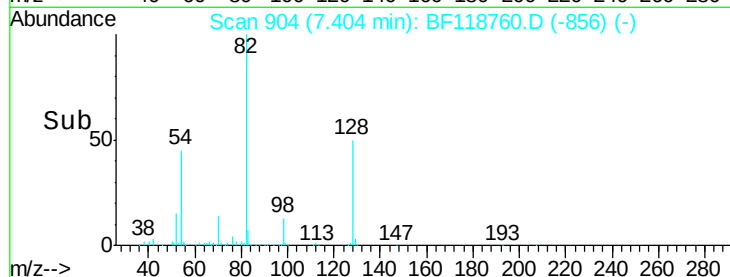
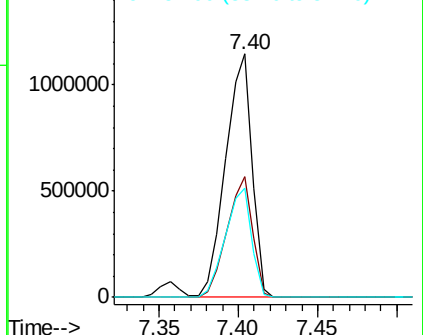
54 44.7 36.1 54.1



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: 41.545 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.02 min

Lab File: BF118760.D

Acq: 30 Jan 2020 19:20

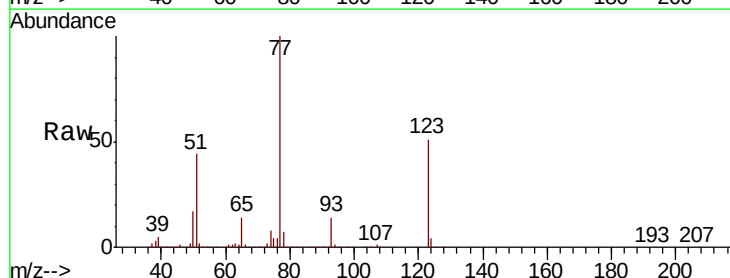
Tgt Ion: 77 Resp: 769715

Ion Ratio Lower Upper

77 100

123 51.3 39.2 58.8

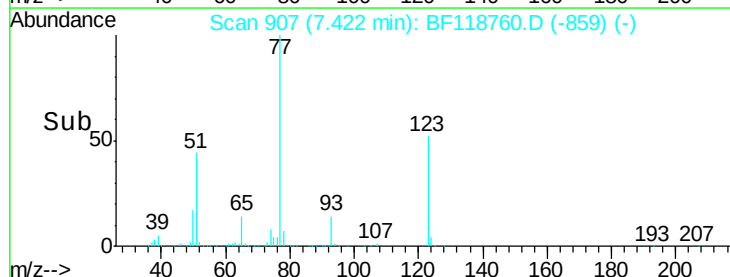
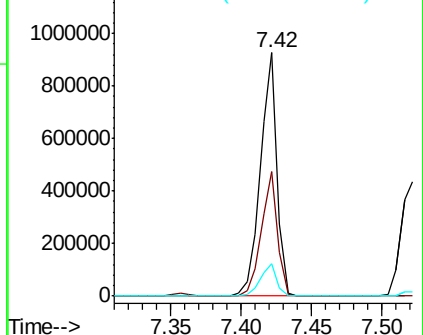
65 13.5 10.6 15.8

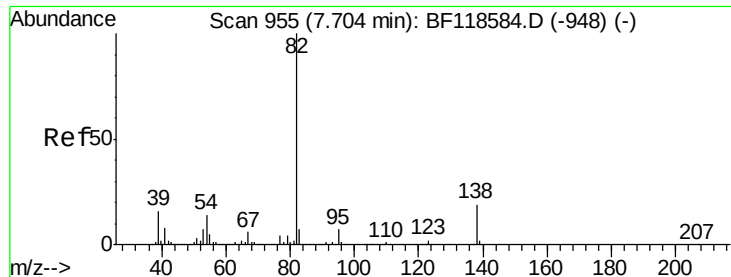


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

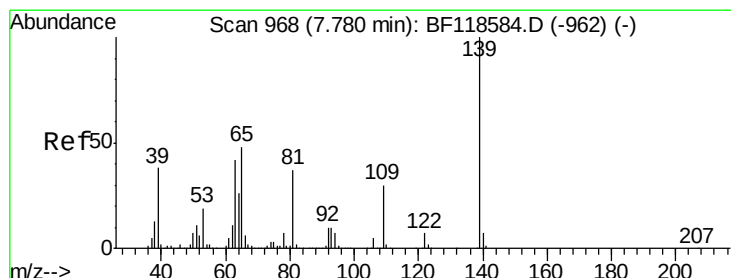
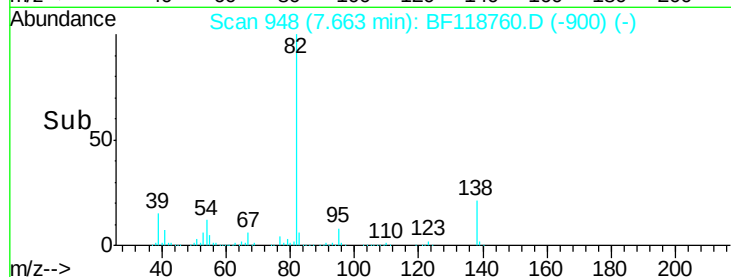
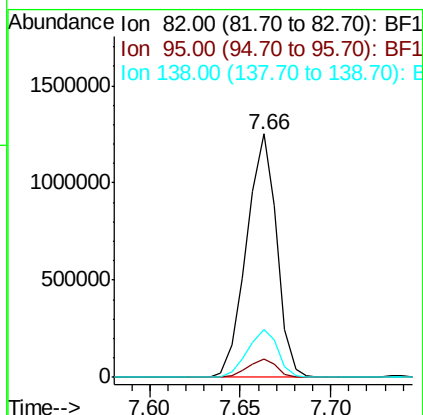
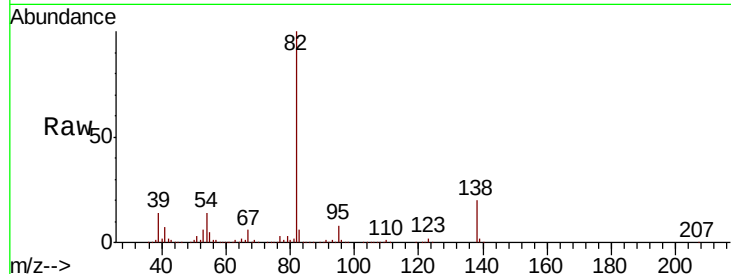




#25
Isophorone
Concen: 43.656 ng
RT: 7.66 min Scan# 948
Delta R.T. -0.02 min
Lab File: BF118760.D
Acq: 30 Jan 2020 19:20

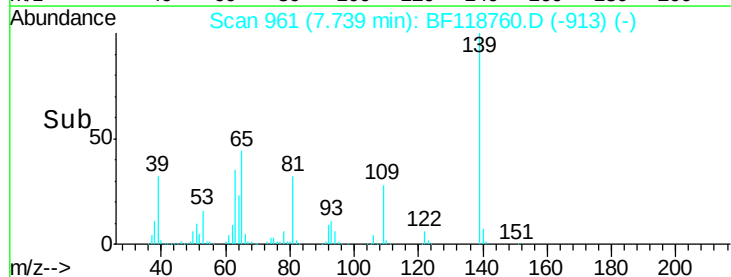
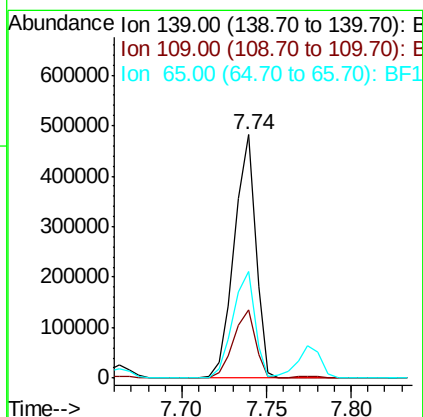
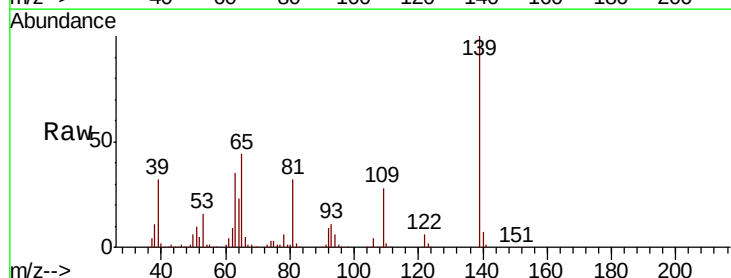
Instrument :
BNA_F
ClientSampleId :

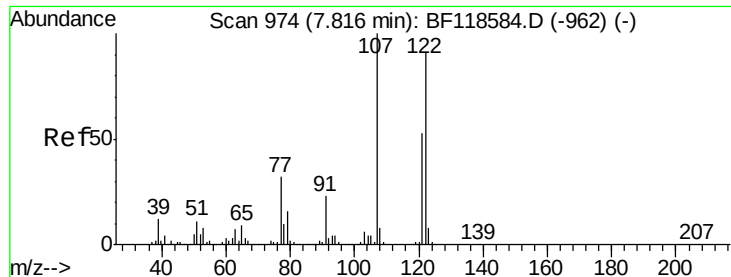
Tot Ion: 82 Resp: 1440802
Ion Ratio Lower Upper
82 100
95 7.6 5.8 8.8
138 19.7 15.8 23.8



#26
2-Nitrophenol
Concen: 54.096 ng
RT: 7.74 min Scan# 961
Delta R.T. -0.02 min
Lab File: BF118760.D
Acq: 30 Jan 2020 19:20

Tgt Ion: 139 Resp: 427411
Ion Ratio Lower Upper
139 100
109 27.9 23.1 34.7
65 43.7 35.2 52.8





#27

2,4-Dimethylphenol

Concen: 49.930 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.02 min

Lab File: BF118760.D

Acq: 30 Jan 2020 19:20

Instrument :

BNA_F

ClientSampled :

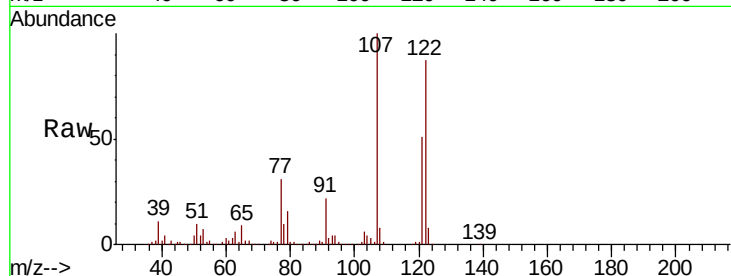
Tot Ion:122 Resp: 681207

Ion Ratio Lower Upper

122 100

107 115.2 91.8 137.8

121 59.2 46.8 70.2

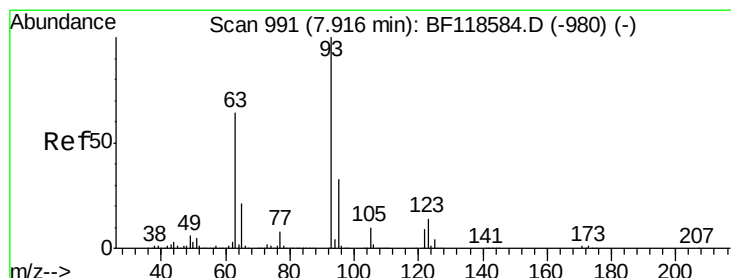
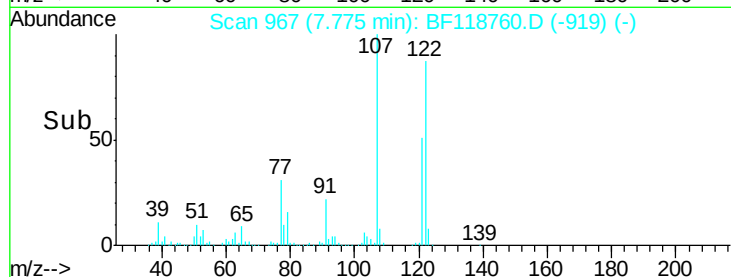
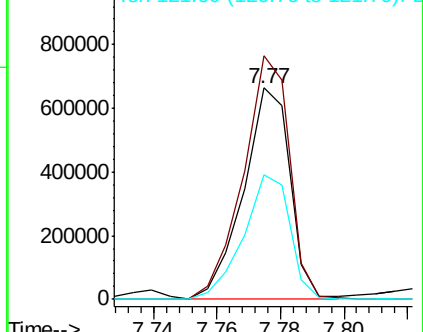


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.033 ng

RT: 7.87 min Scan# 984

Delta R.T. -0.02 min

Lab File: BF118760.D

Acq: 30 Jan 2020 19:20

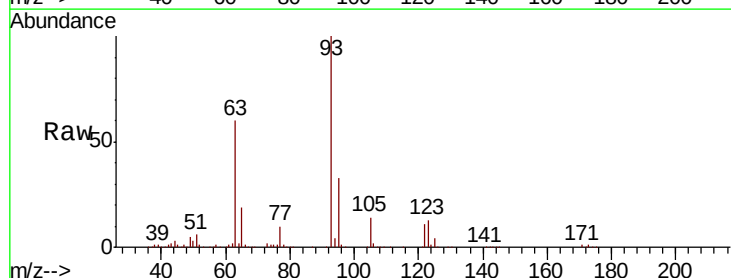
Tgt Ion: 93 Resp: 893863

Ion Ratio Lower Upper

93 100

95 33.4 26.8 40.2

123 13.5 10.7 16.1

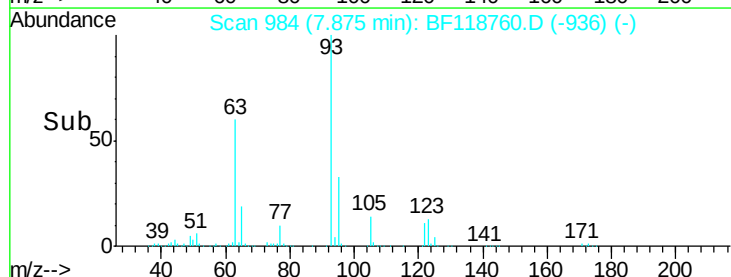
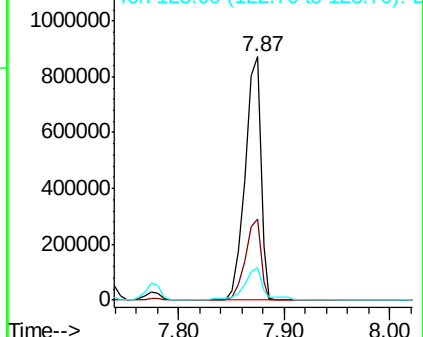


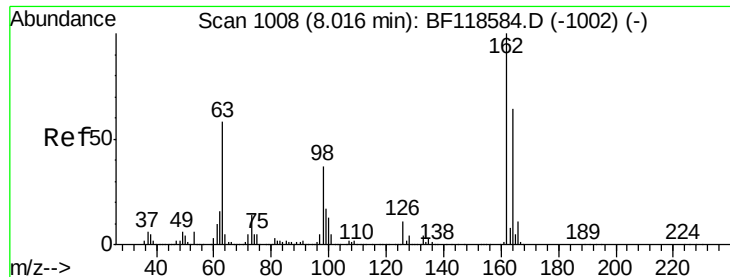
Abundance

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

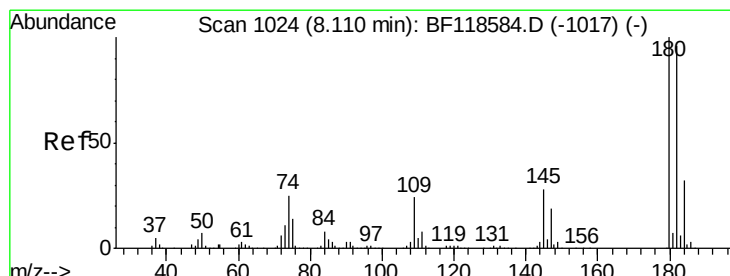
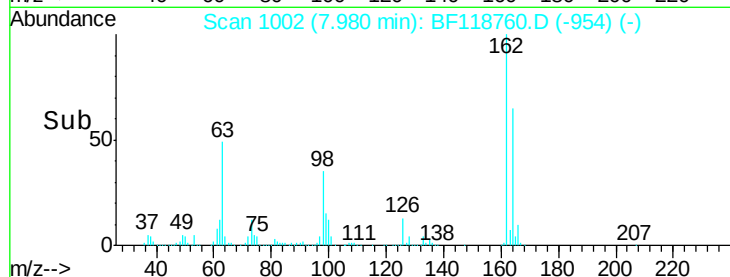
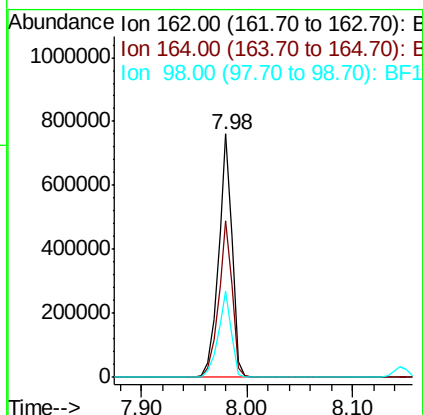
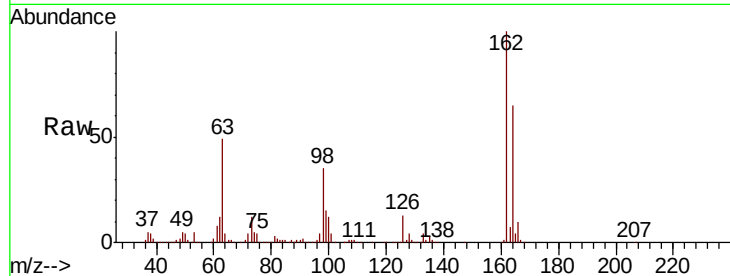




#29
2,4-Dichlorophenol
Concen: 45.938 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BF118760.D
Acq: 30 Jan 2020 19:20

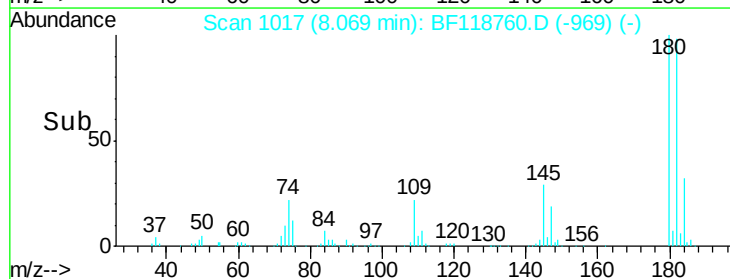
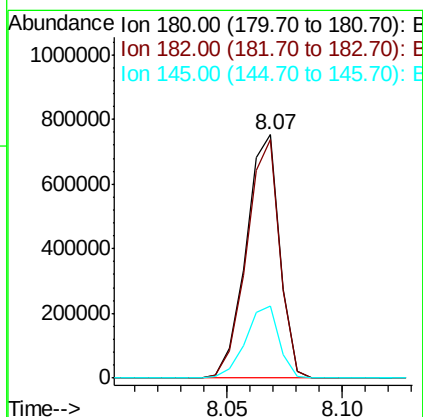
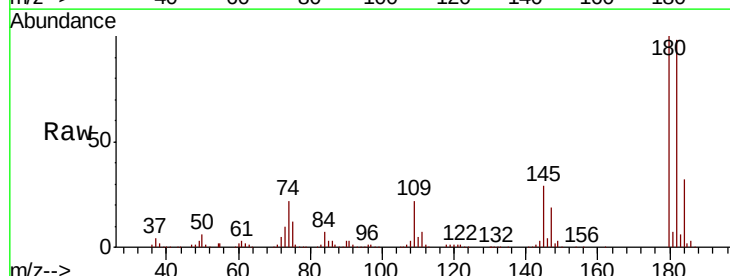
Instrument :
BNA_F
ClientSampled :

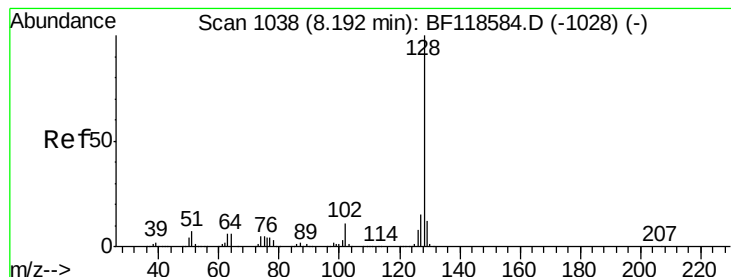
Tot Ion:162 Resp: 692840
Ion Ratio Lower Upper
162 100
164 64.5 43.8 83.8
98 35.3 15.0 55.0



#30
1,2,4-Trichlorobenzene
Concen: 43.796 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.02 min
Lab File: BF118760.D
Acq: 30 Jan 2020 19:20

Tgt Ion:180 Resp: 765879
Ion Ratio Lower Upper
180 100
182 97.9 77.0 115.4
145 29.4 23.5 35.3





#31

Naphthalene

Concen: 47.073 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.02 min

Lab File: BF118760.D

Acq: 30 Jan 2020 19:20

Instrument :

BNA_F

ClientSampleId :

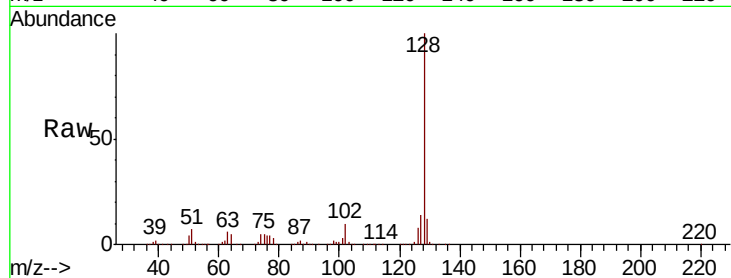
Tot Ion:128 Resp: 2152163

Ion Ratio Lower Upper

128 100

129 11.9 9.4 14.0

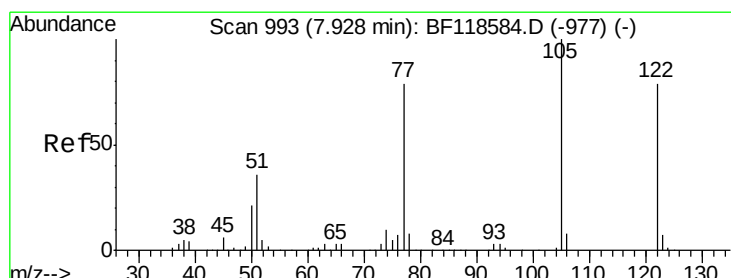
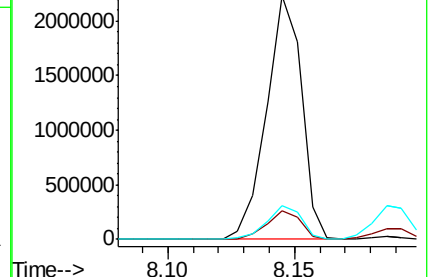
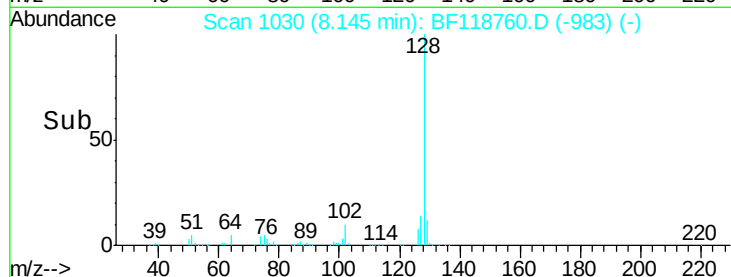
127 13.9 11.3 16.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 46.897 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.02 min

Lab File: BF118760.D

Acq: 30 Jan 2020 19:20

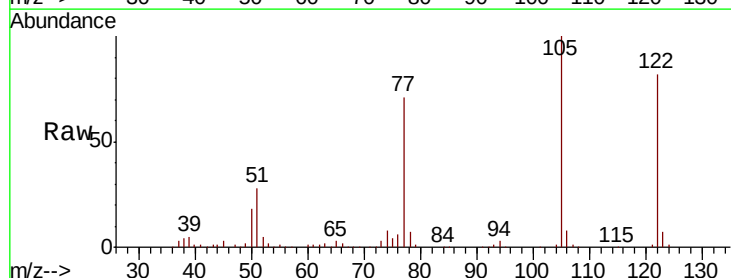
Tgt Ion:122 Resp: 480196

Ion Ratio Lower Upper

122 100

105 122.6 100.9 140.9

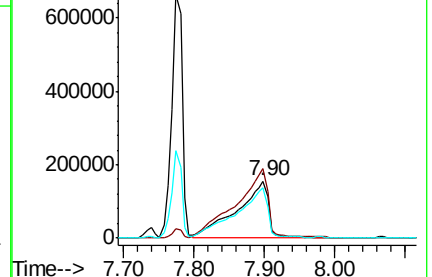
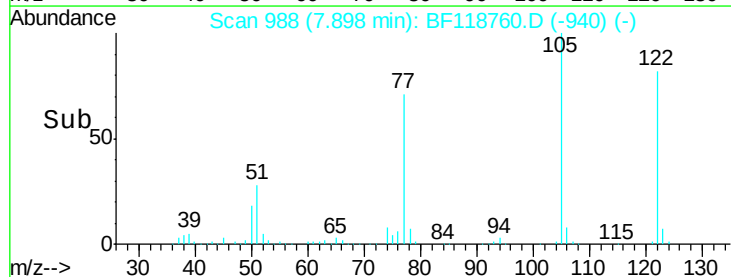
77 87.4 65.1 105.1

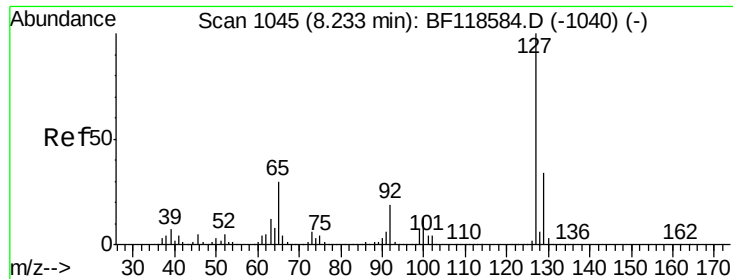


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

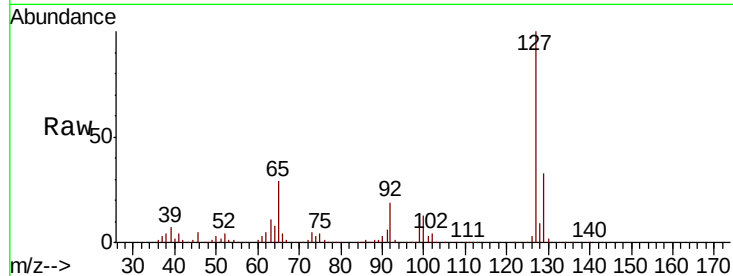




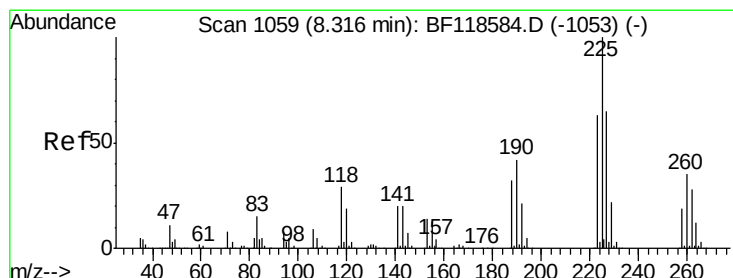
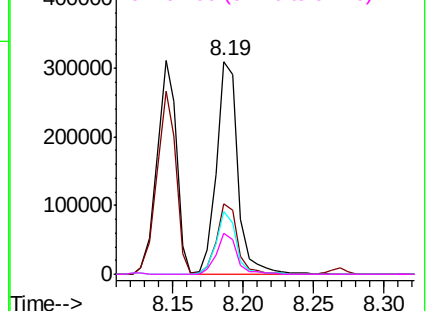
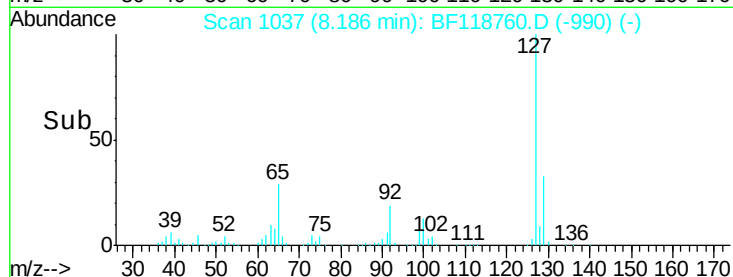
#33
4-Chloroaniline
Concen: 15.410 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.02 min
Lab File: BF118760.D
Acq: 30 Jan 2020 19:20

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	325648
Ion	Ratio	Lower	Upper
127	100		
129	33.3	26.4	39.6
65	29.5	22.6	33.8
92	19.1	15.3	22.9

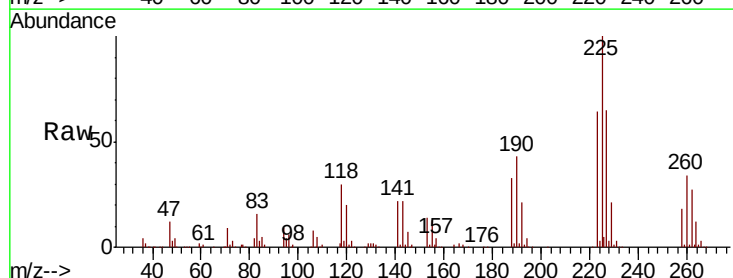


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

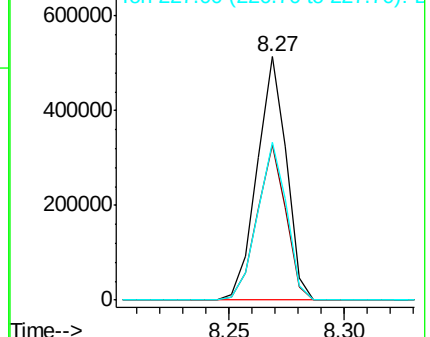
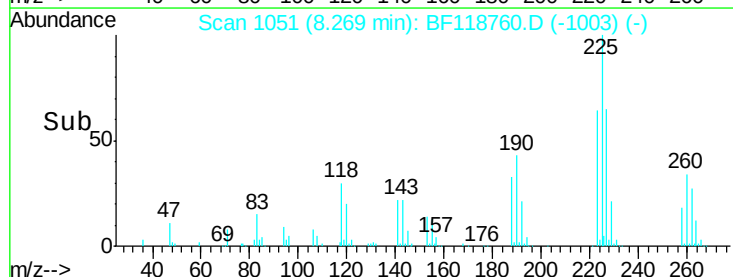


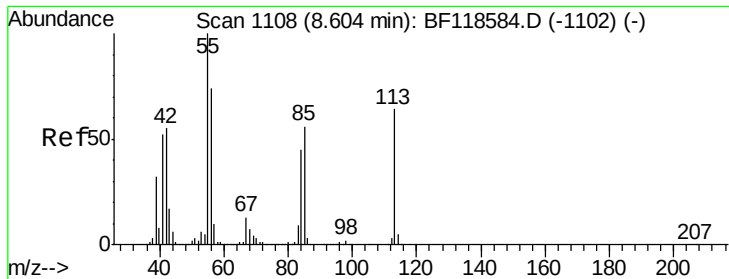
#34
Hexachlorobutadiene
Concen: 42.861 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.02 min
Lab File: BF118760.D
Acq: 30 Jan 2020 19:20

Tgt Ion:	225	Resp:	456452
Ion	Ratio	Lower	Upper
225	100		
223	64.0	50.3	75.5
227	64.8	50.5	75.7



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: 26.294 ng

RT: 8.56 min Scan# 1100

Delta R.T. -0.02 min

Lab File: BF118760.D

Acq: 30 Jan 2020 19:20

Instrument :

BNA_F

ClientSampleId :

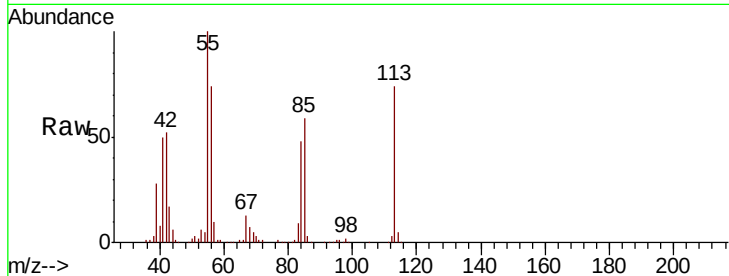
Tot Ion:113 Resp: 129777

Ion Ratio Lower Upper

113 100

55 135.3 119.0 159.0

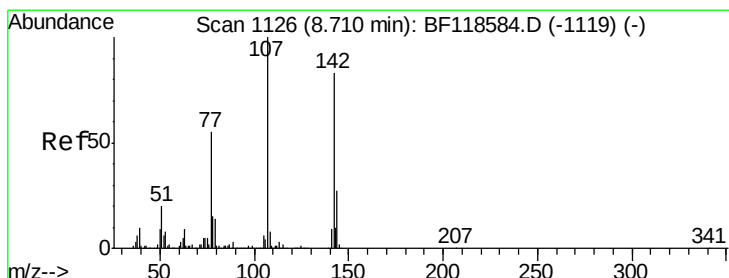
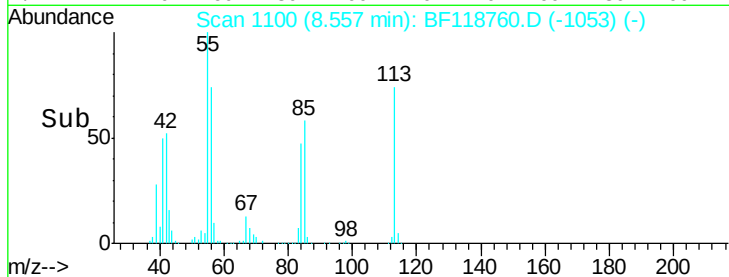
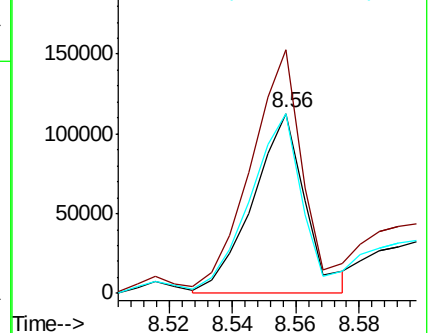
56 99.5 85.4 125.4



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: 48.005 ng

RT: 8.67 min Scan# 1120

Delta R.T. -0.01 min

Lab File: BF118760.D

Acq: 30 Jan 2020 19:20

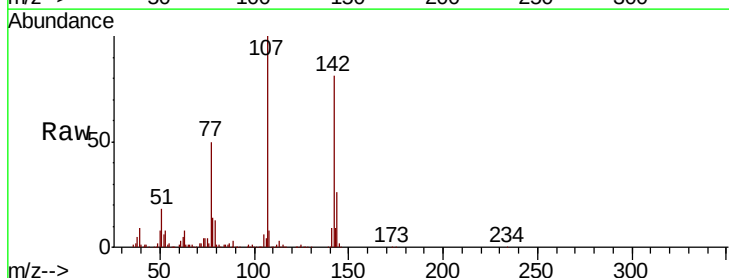
Tgt Ion:107 Resp: 714964

Ion Ratio Lower Upper

107 100

144 26.2 20.9 31.3

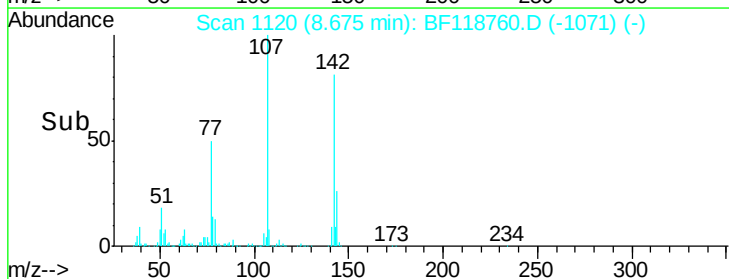
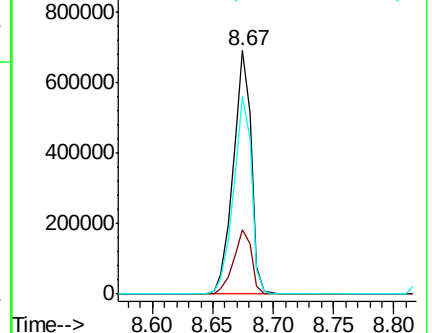
142 81.1 64.5 96.7

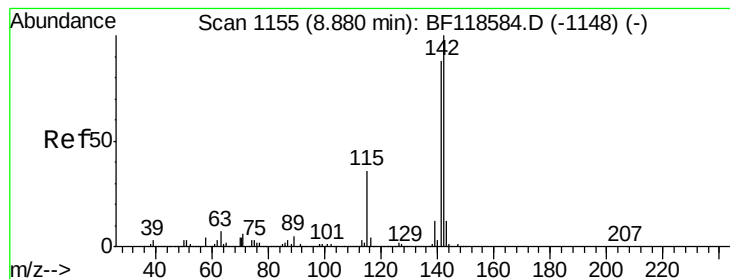


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 48.313 ng

RT: 8.84 min Scan# 1148

Delta R.T. -0.02 min

Lab File: BF118760.D

Acq: 30 Jan 2020 19:20

Instrument :

BNA_F

ClientSampleId :

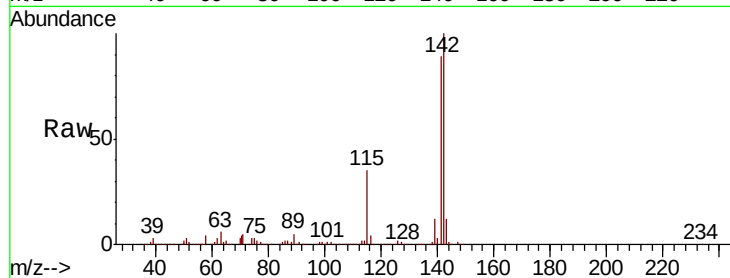
Tot Ion:142 Resp: 1559140

Ion Ratio Lower Upper

142 100

141 88.8 71.4 107.0

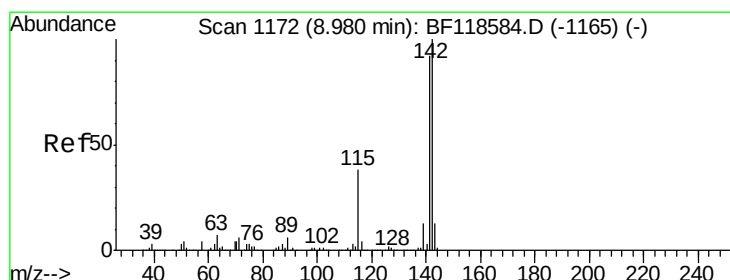
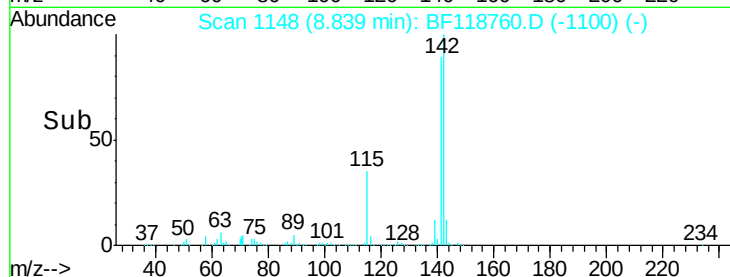
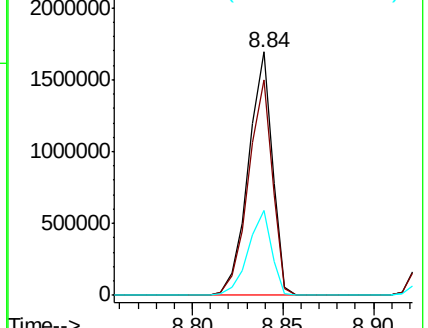
115 34.7 27.5 41.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 47.407 ng

RT: 8.94 min Scan# 1165

Delta R.T. -0.02 min

Lab File: BF118760.D

Acq: 30 Jan 2020 19:20

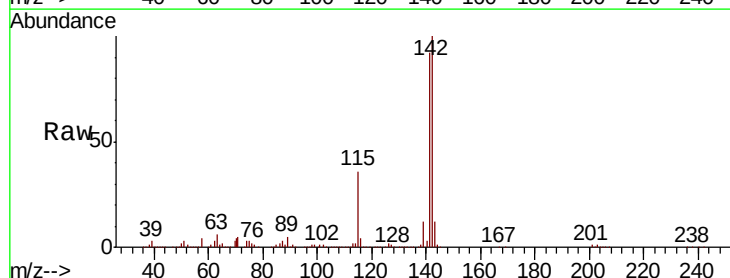
Tgt Ion:142 Resp: 1453485

Ion Ratio Lower Upper

142 100

141 92.2 73.5 110.3

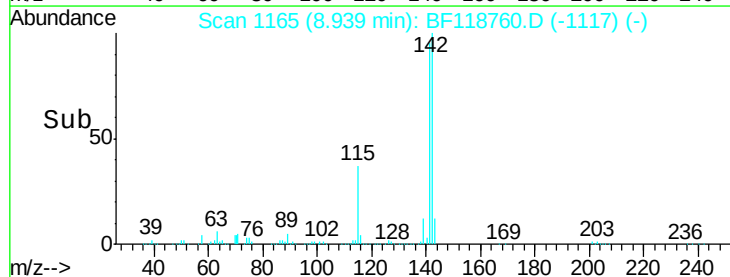
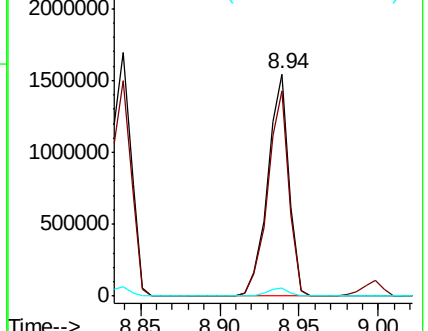
116 3.6 3.0 4.6

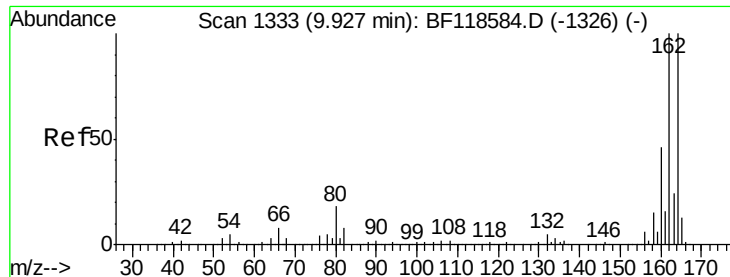


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.88 min Scan# 1325

Delta R.T. -0.02 min

Lab File: BF118760.D

Acq: 30 Jan 2020 19:20

Instrument :

BNA_F

ClientSampled :

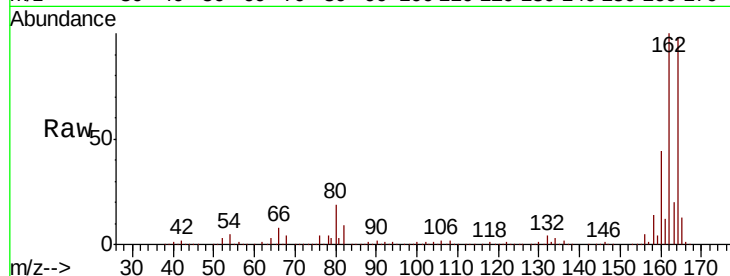
Tot Ion:164 Resp: 580144

Ion Ratio Lower Upper

164 100

162 102.2 80.8 121.2

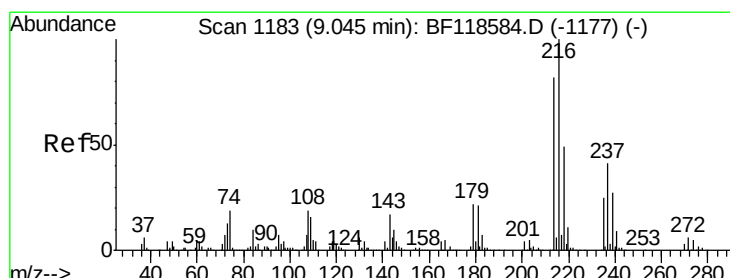
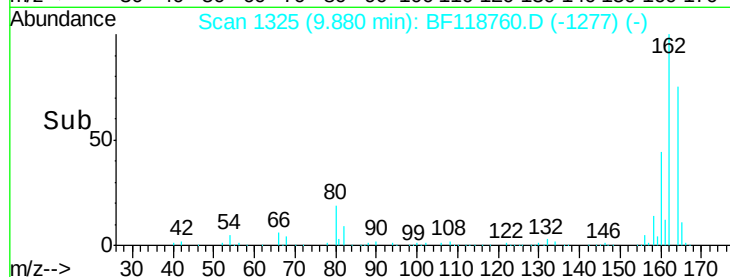
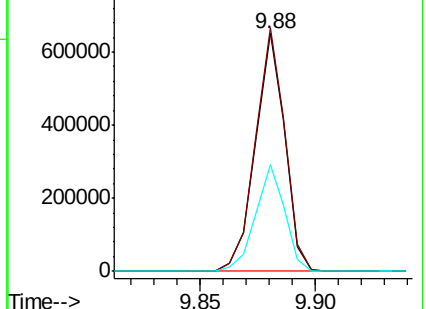
160 44.8 35.4 53.0



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: 41.285 ng

RT: 9.01 min Scan# 1177

Delta R.T. -0.01 min

Lab File: BF118760.D

Acq: 30 Jan 2020 19:20

Tgt Ion:216 Resp: 749424

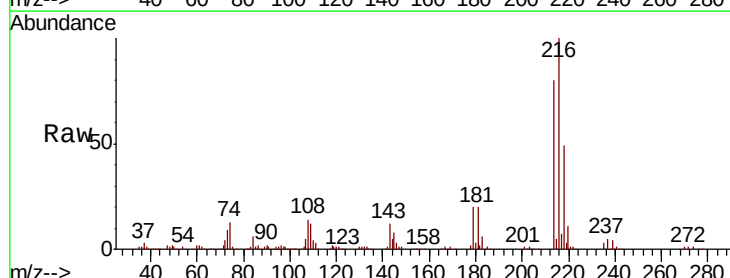
Ion Ratio Lower Upper

216 100

214 79.9 63.4 95.2

179 21.0 17.0 25.4

108 18.6 13.0 19.6

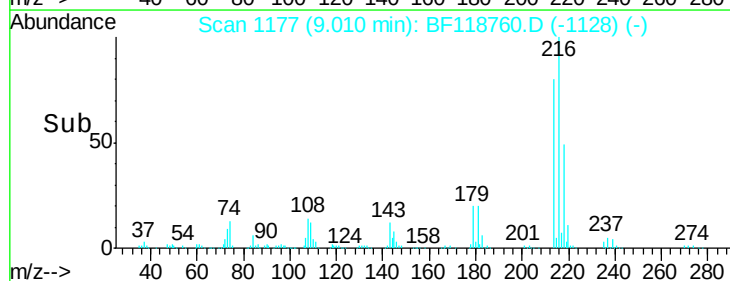
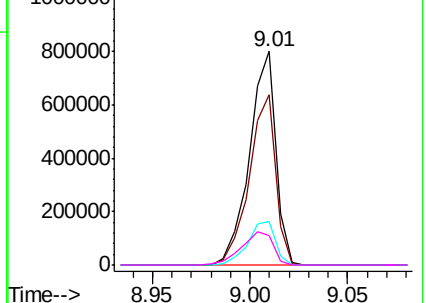


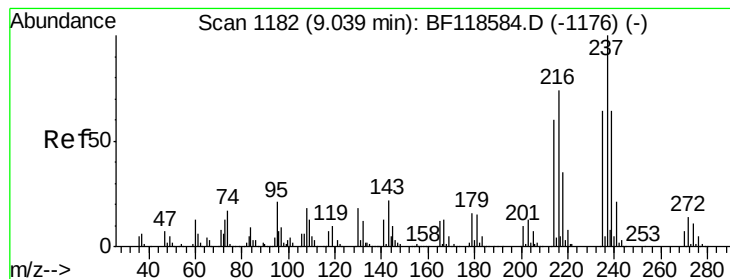
Abundance Ion 216.00 (215.70 to 216.70): E

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: 89.552 ng

RT: 9.00 min Scan# 1175

Delta R.T. -0.02 min

Lab File: BF118760.D

Acq: 30 Jan 2020 19:20

Instrument :

BNA_F

ClientSampleId :

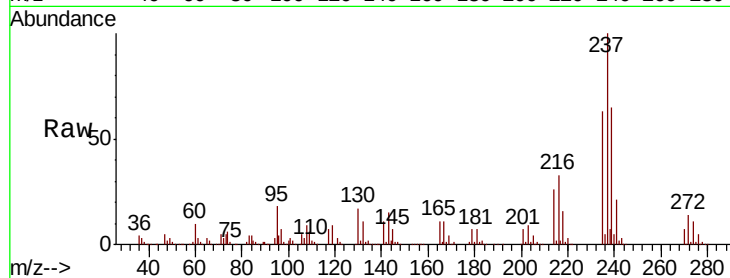
Tot Ion:237 Resp: 820157

Ion Ratio Lower Upper

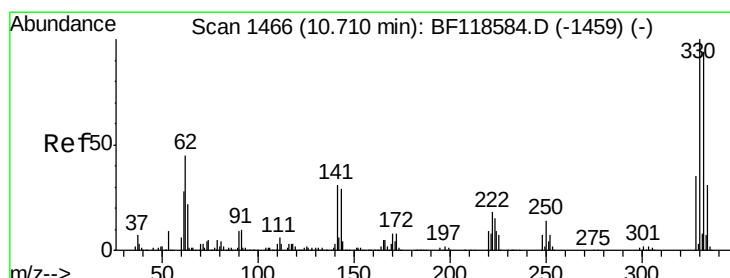
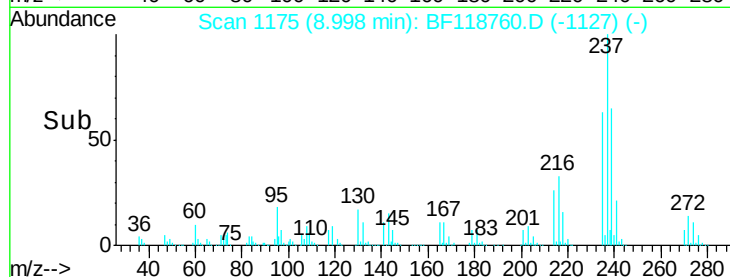
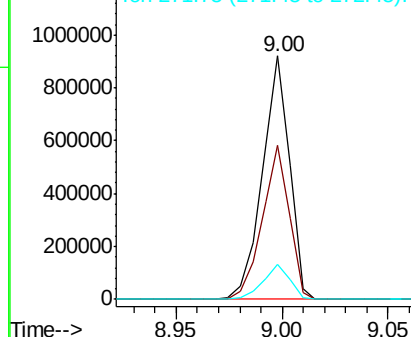
237 100

235 63.1 42.7 82.7

272 14.4 0.0 34.4



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



#42

2,4,6-Tribromophenol

Concen: 116.948 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.02 min

Lab File: BF118760.D

Acq: 30 Jan 2020 19:20

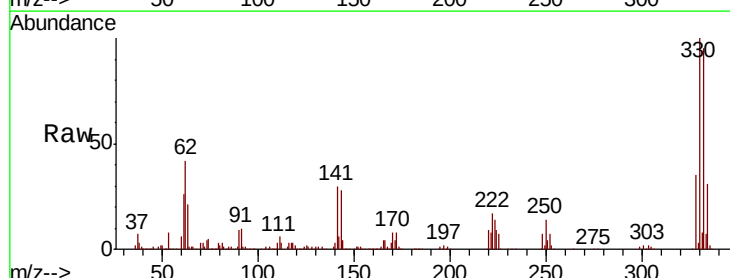
Tgt Ion:330 Resp: 784732

Ion Ratio Lower Upper

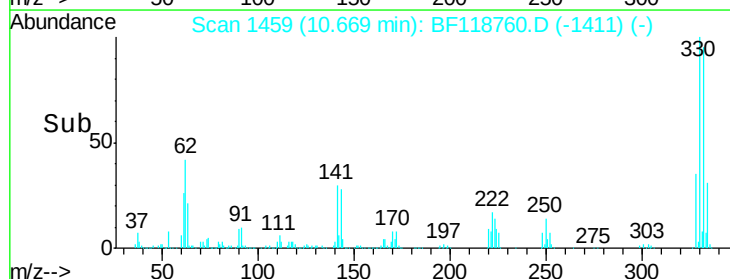
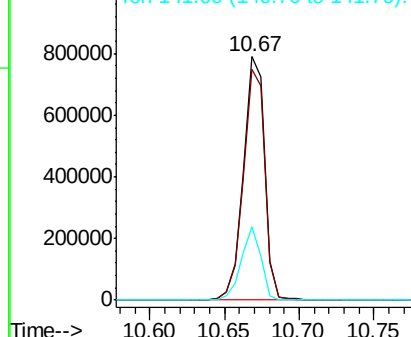
330 100

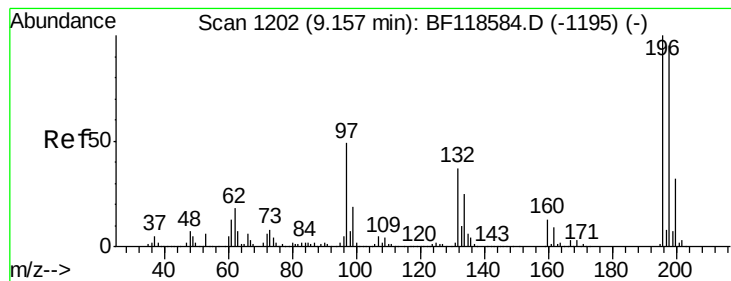
332 95.7 77.6 116.4

141 28.0 22.2 33.2



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





#43

2,4,6-Trichlorophenol

Concen: 44.619 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.02 min

Lab File: BF118760.D

Acq: 30 Jan 2020 19:20

Instrument :

BNA_F

ClientSampled :

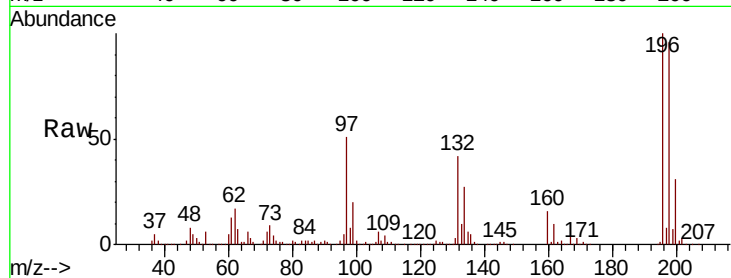
Tot Ion:196 Resp: 537462

Ion Ratio Lower Upper

196 100

198 96.4 76.4 114.6

200 31.3 25.4 38.2

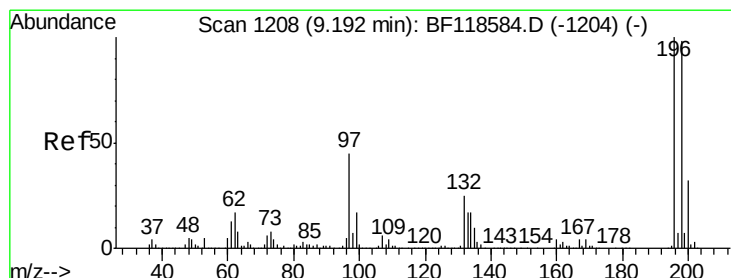
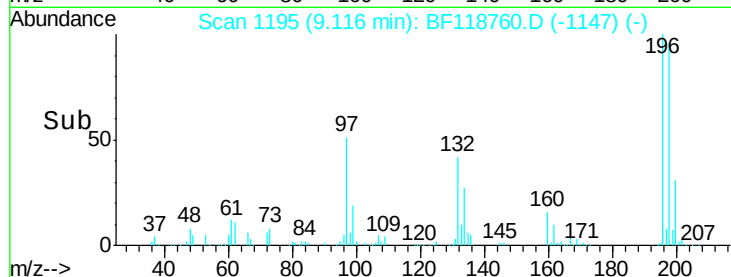
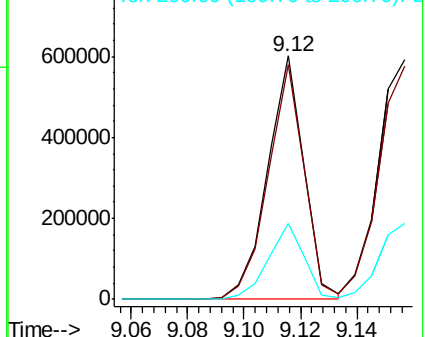


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 47.048 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.01 min

Lab File: BF118760.D

Acq: 30 Jan 2020 19:20

Tgt Ion:196 Resp: 578793

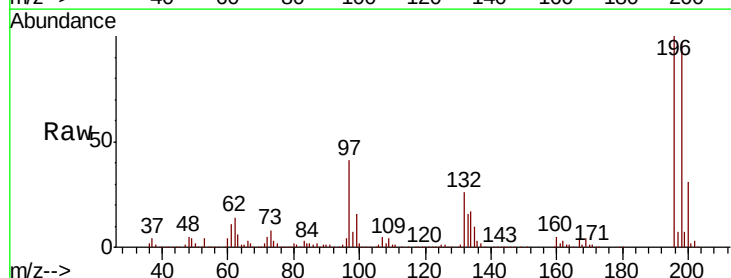
Ion Ratio Lower Upper

196 100

198 97.3 76.2 114.4

97 41.4 35.7 53.5

132 25.5 21.4 32.0



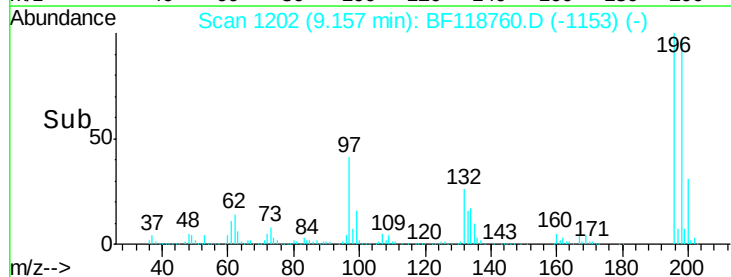
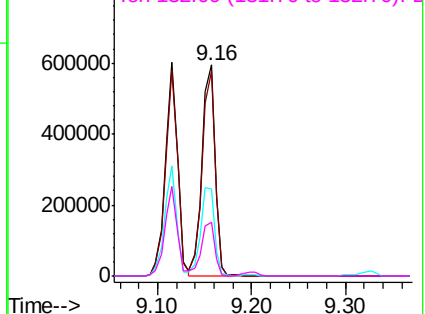
Abundance

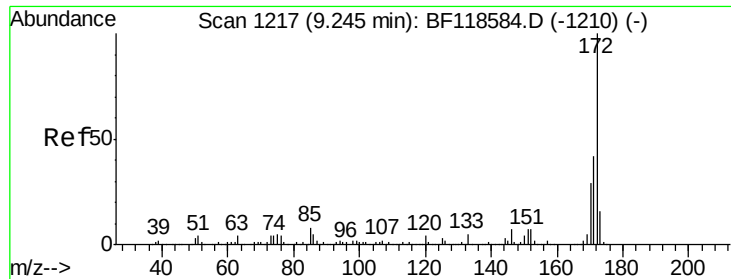
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

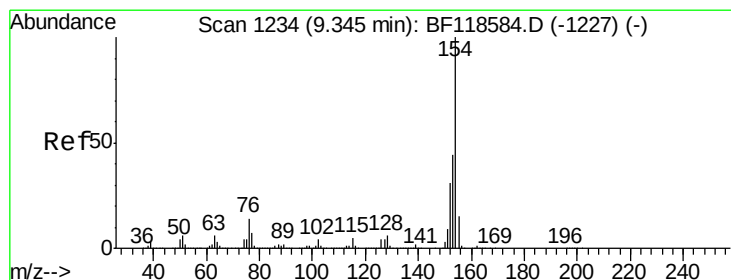
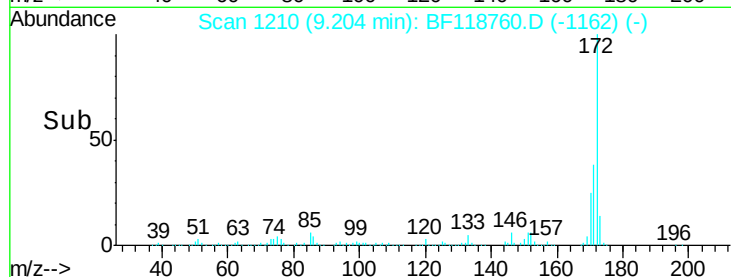
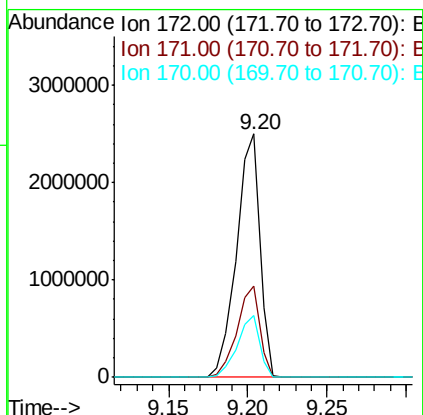
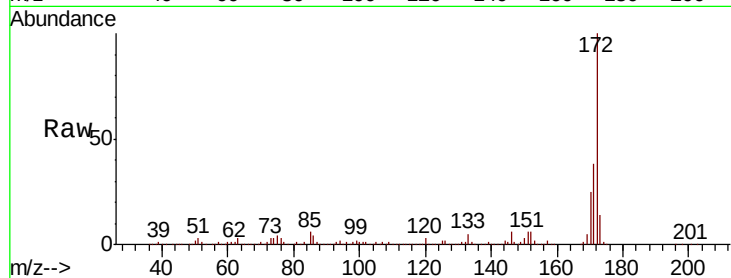




#45
2-Fluorobiphenyl
Concen: 72.149 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.02 min
Lab File: BF118760.D
Acq: 30 Jan 2020 19:20

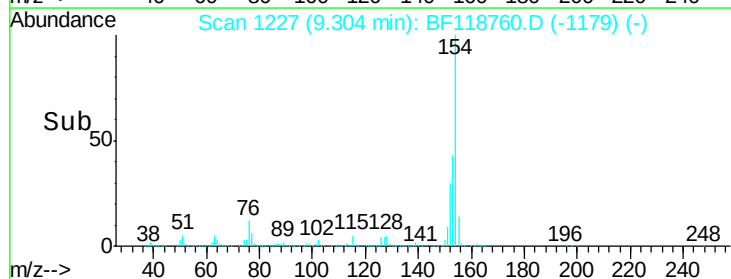
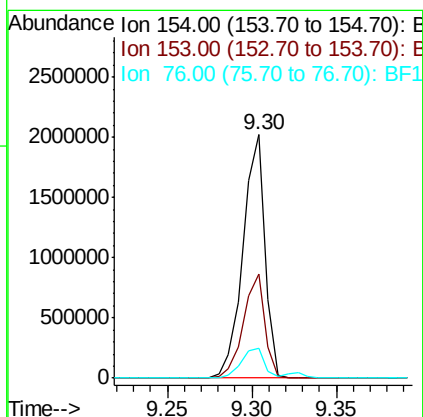
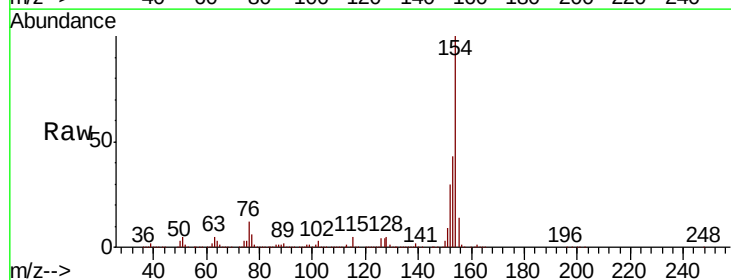
Instrument :
BNA_F
ClientSampleId :

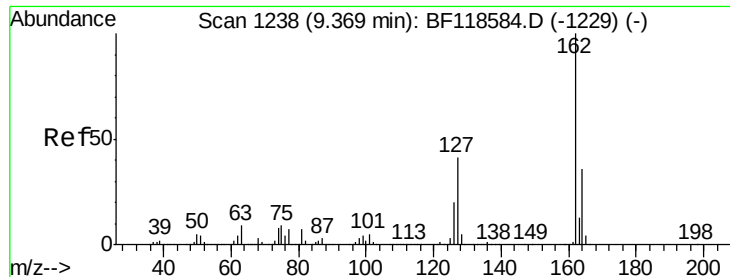
Tot Ion:172 Resp: 2546615
Ion Ratio Lower Upper
172 100
171 37.7 31.0 46.4
170 25.2 20.7 31.1



#46
1,1'-Biphenyl
Concen: 45.885 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.02 min
Lab File: BF118760.D
Acq: 30 Jan 2020 19:20

Tgt Ion:154 Resp: 1834652
Ion Ratio Lower Upper
154 100
153 42.8 22.3 62.3
76 12.1 0.0 32.0



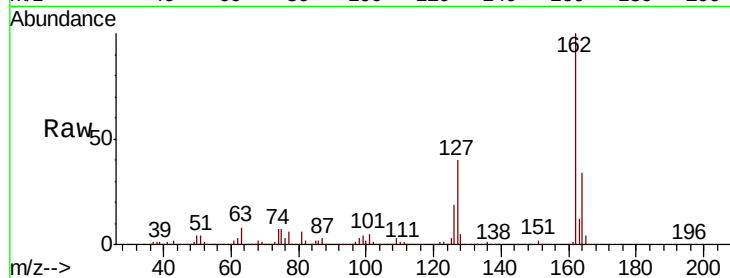


#47
 2-Chloronaphthalene
 Concen: 43.817 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.02 min
 Lab File: BF118760.D
 Acq: 30 Jan 2020 19:20

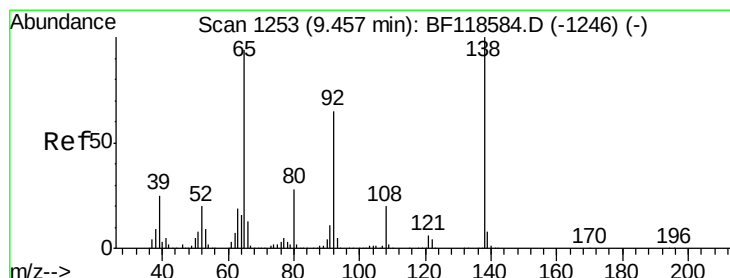
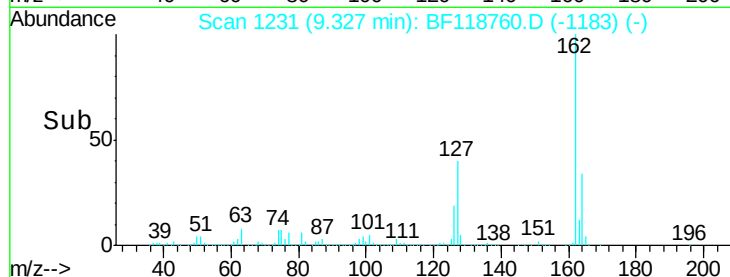
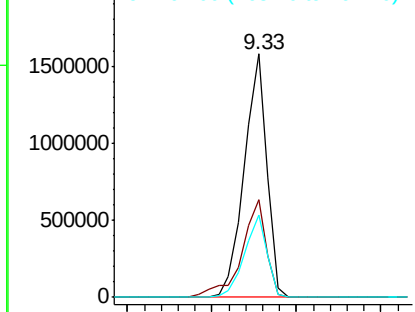
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 1476658

Ion	Ratio	Lower	Upper
162	100		
127	40.0	32.9	49.3
164	33.8	27.5	41.3



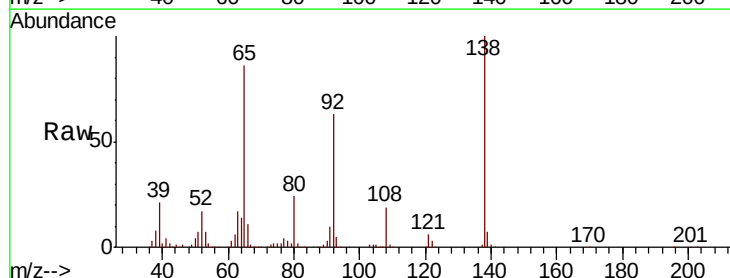
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E



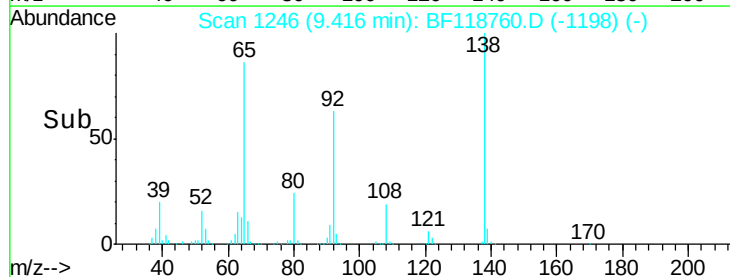
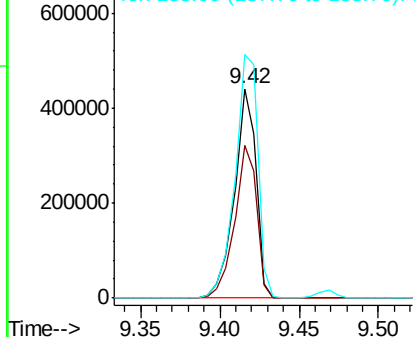
#48
 2-Nitroaniline
 Concen: 40.351 ng
 RT: 9.42 min Scan# 1246
 Delta R.T. -0.02 min
 Lab File: BF118760.D
 Acq: 30 Jan 2020 19:20

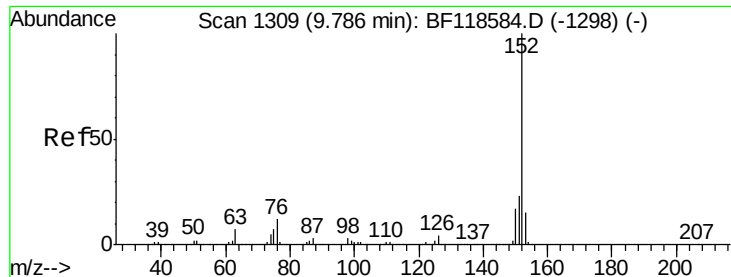
Tgt Ion: 65 Resp: 418025

Ion	Ratio	Lower	Upper
65	100		
92	73.0	57.8	86.6
138	116.1	95.1	142.7



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





#49

Acenaphthylene

Concen: 48.418 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.02 min

Lab File: BF118760.D

Acq: 30 Jan 2020 19:20

Instrument :

BNA_F

ClientSampleId :

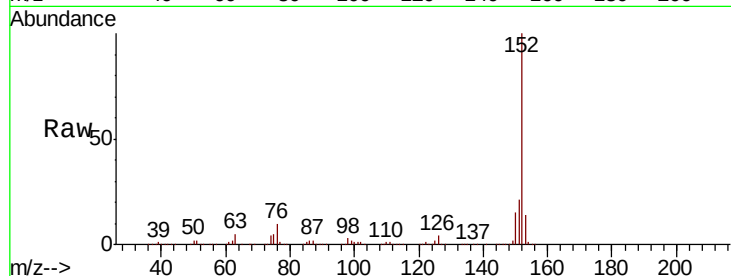
Tot Ion:152 Resp: 2295521

Ion Ratio Lower Upper

152 100

151 21.1 17.1 25.7

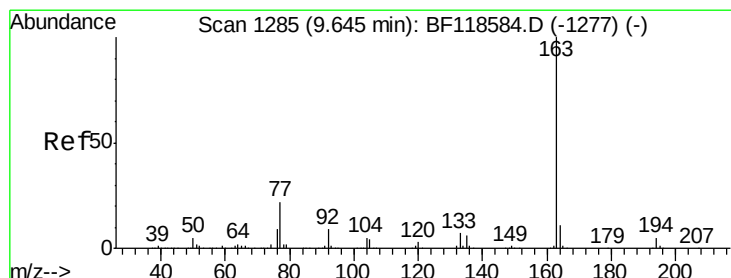
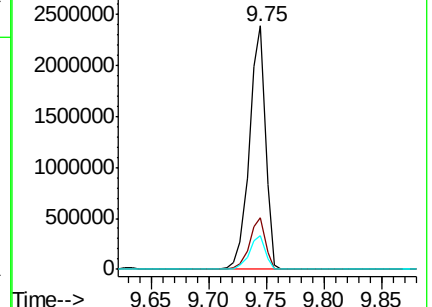
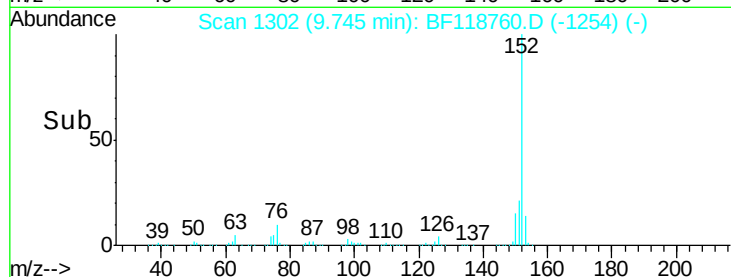
153 13.8 11.0 16.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 52.312 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.02 min

Lab File: BF118760.D

Acq: 30 Jan 2020 19:20

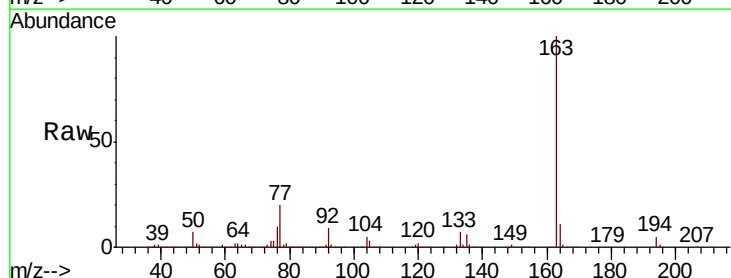
Tgt Ion:163 Resp: 1977255

Ion Ratio Lower Upper

163 100

194 4.7 3.7 5.5

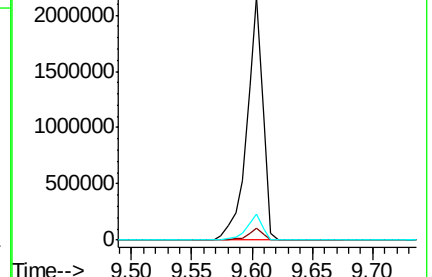
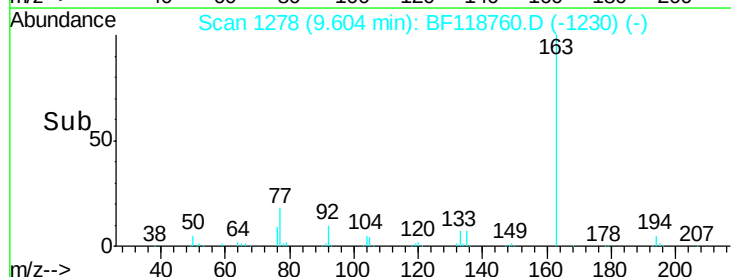
164 10.8 8.2 12.2

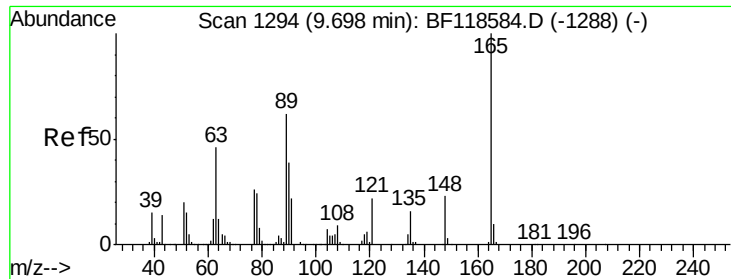


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 50.465 ng

RT: 9.66 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BF118760.D

Acq: 30 Jan 2020 19:20

Instrument :

BNA_F

ClientSampleId :

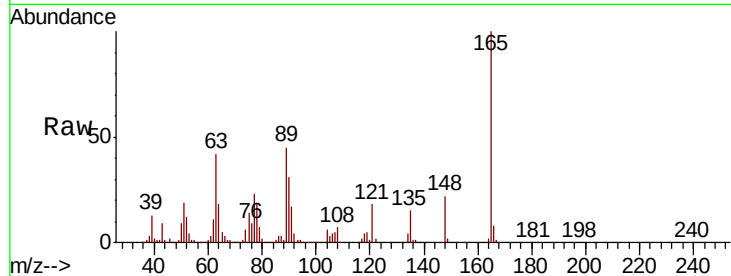
Tot Ion:165 Resp: 427125

Ion Ratio Lower Upper

165 100

63 42.1 39.8 59.6

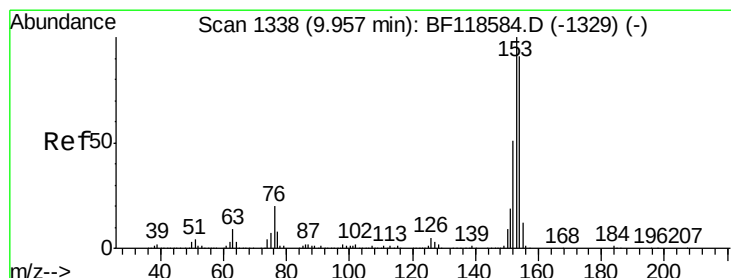
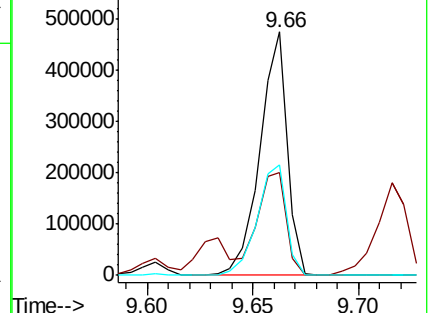
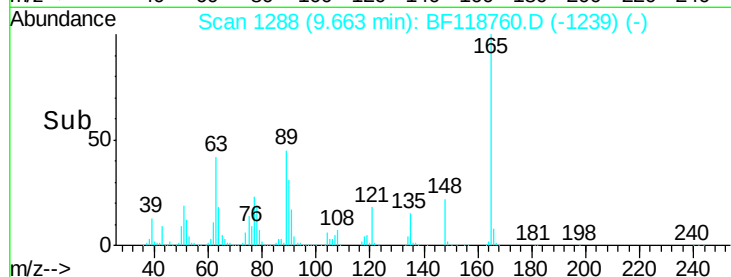
89 45.4 41.4 62.2



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 49.767 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.02 min

Lab File: BF118760.D

Acq: 30 Jan 2020 19:20

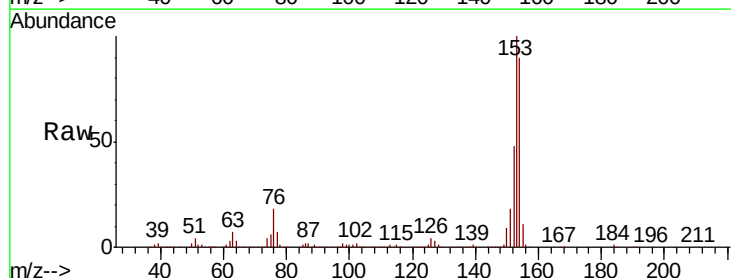
Tgt Ion:154 Resp: 1577716

Ion Ratio Lower Upper

154 100

153 111.2 89.1 133.7

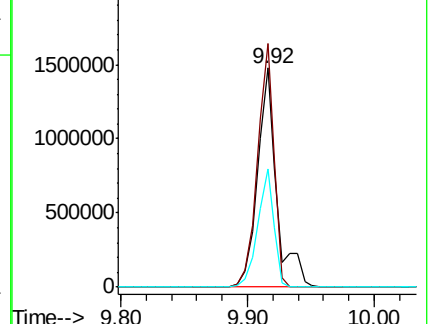
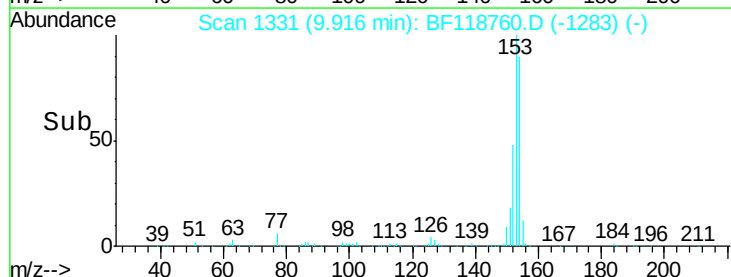
152 53.8 43.0 64.6

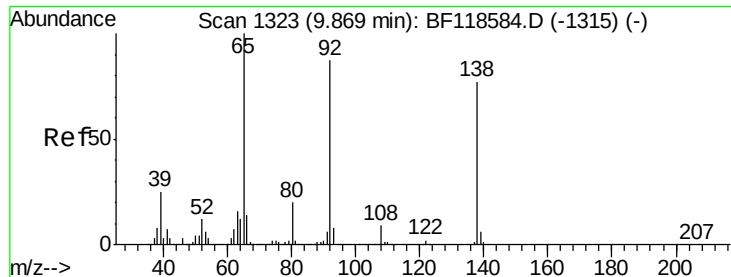


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

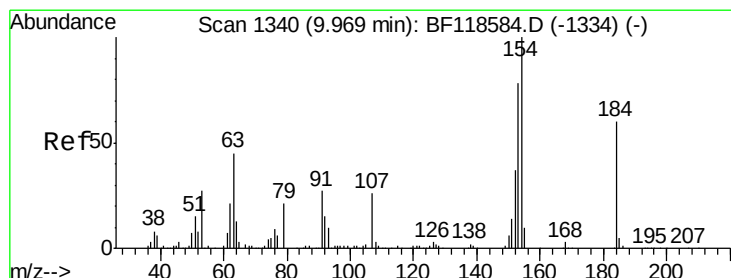
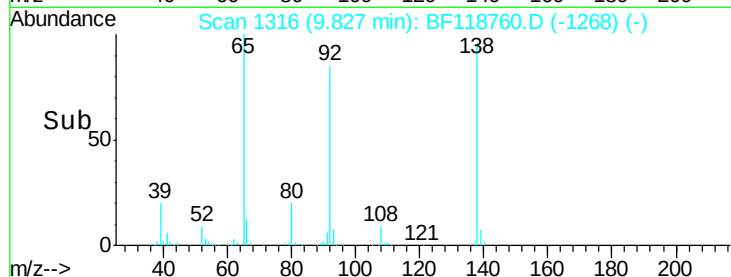
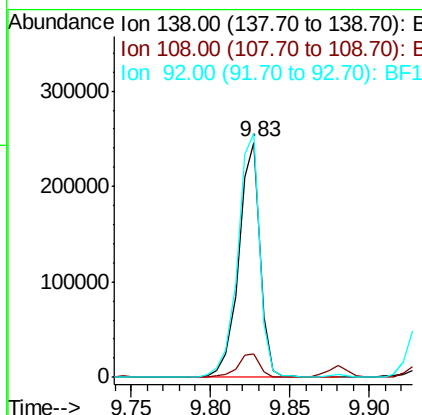
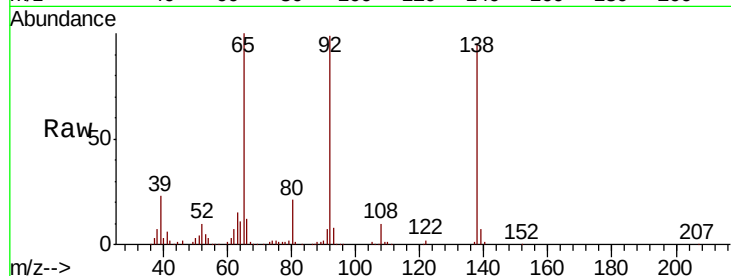




#53
3-Nitroaniline
Concen: 23.737 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.02 min
Lab File: BF118760.D
Acq: 30 Jan 2020 19:20

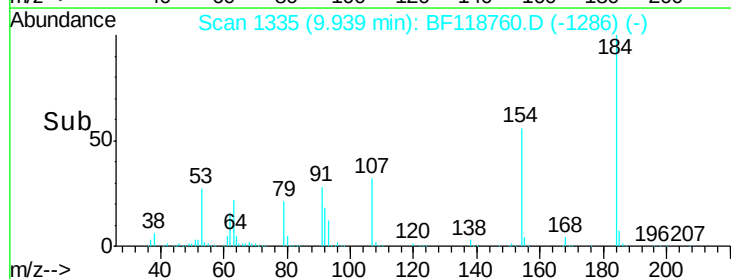
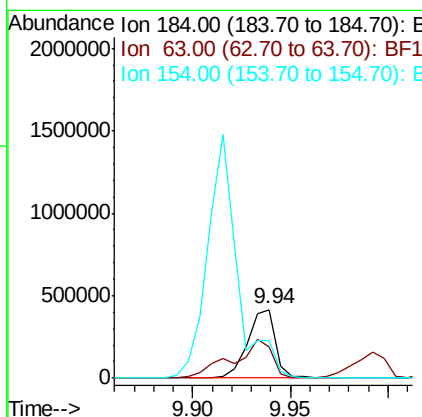
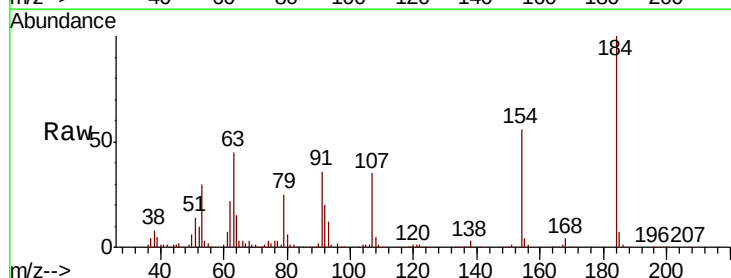
Instrument :
BNA_F
ClientSampleId :

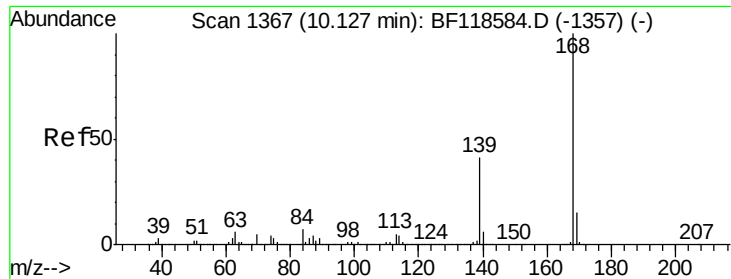
Tot Ion:138 Resp: 229405
Ion Ratio Lower Upper
138 100
108 10.1 8.8 13.2
92 103.7 87.8 131.6



#54
2,4-Dinitrophenol
Concen: 121.391 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF118760.D
Acq: 30 Jan 2020 19:20

Tgt Ion:184 Resp: 410177
Ion Ratio Lower Upper
184 100
63 44.8 36.0 54.0
154 55.6 44.6 66.8

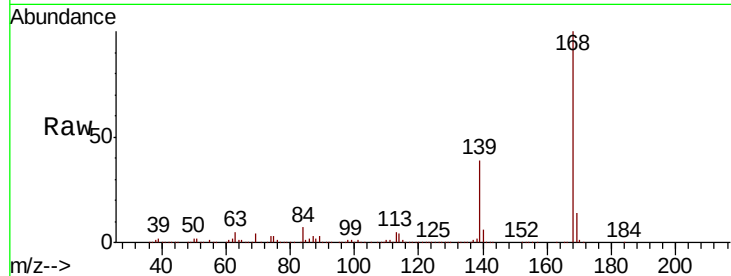




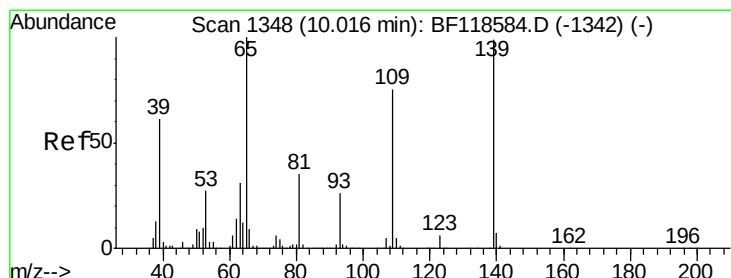
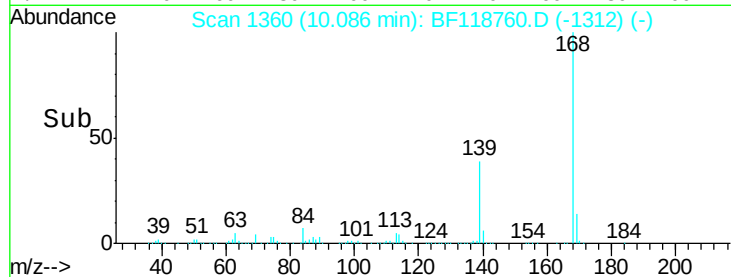
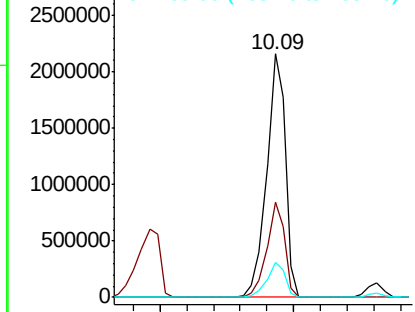
#55
Dibenzofuran
Concen: 47.670 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.02 min
Lab File: BF118760.D
Acq: 30 Jan 2020 19:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 2094286
Ion Ratio Lower Upper
168 100
139 39.0 31.6 47.4
169 14.1 11.4 17.0

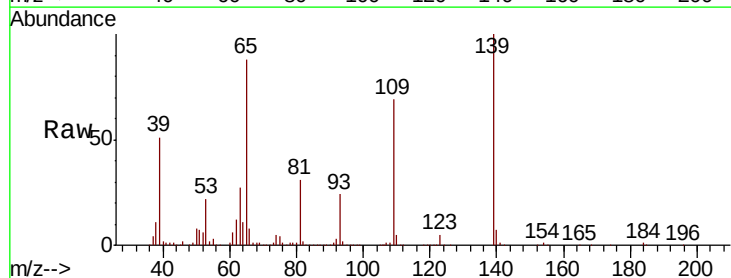


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

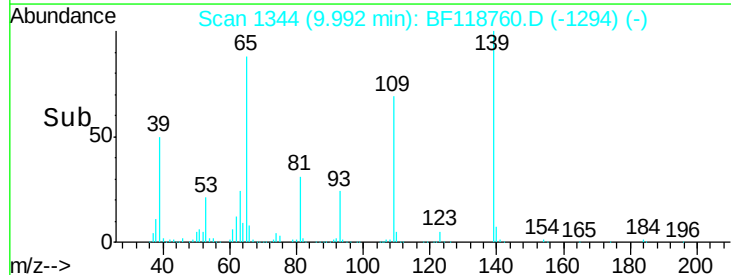
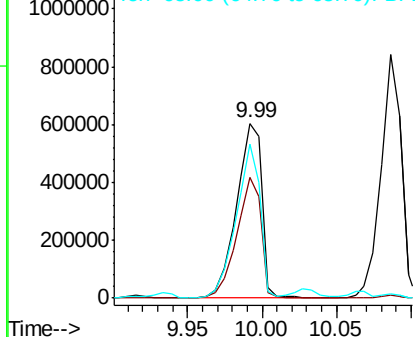


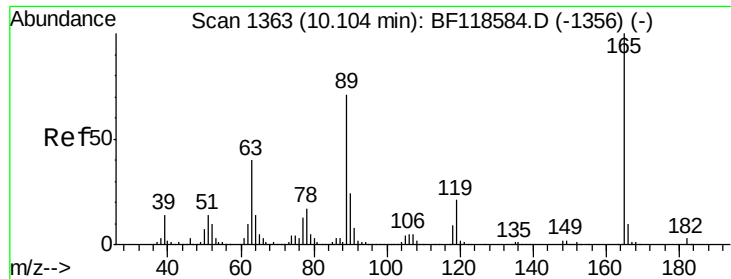
#56
4-Nitrophenol
Concen: 98.424 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF118760.D
Acq: 30 Jan 2020 19:20

Tgt Ion:139 Resp: 718088
Ion Ratio Lower Upper
139 100
109 68.6 47.0 87.0
65 88.3 65.7 105.7



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

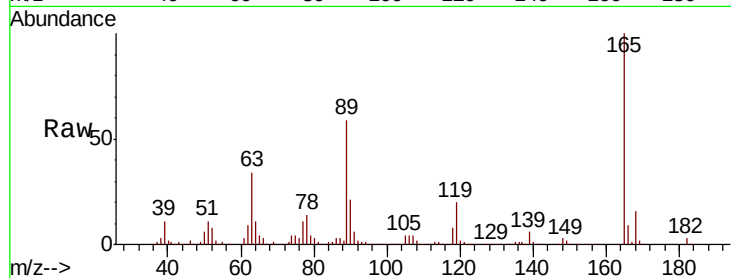




#57
2,4-Dinitrotoluene
Concen: 52.880 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BF118760.D
Acq: 30 Jan 2020 19:20

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	33.9	28.5	42.7
89	59.4	50.4	75.6
182	3.0	2.3	3.5



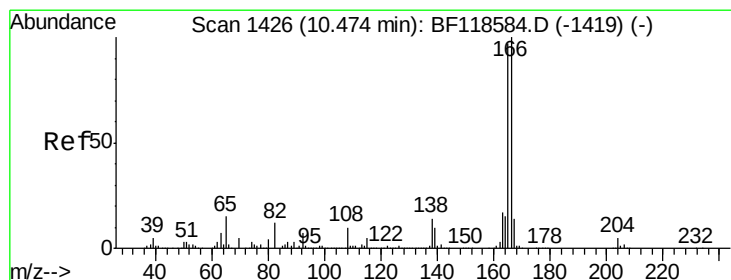
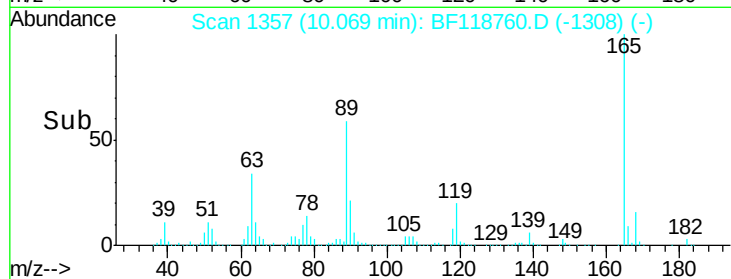
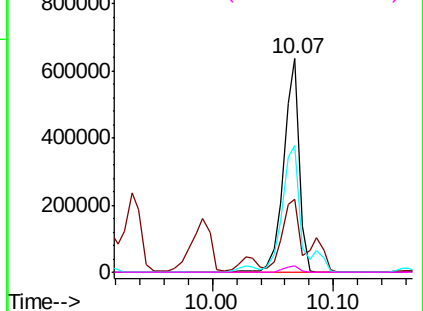
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

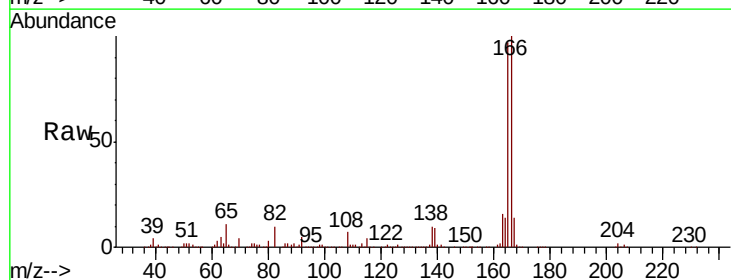
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 45.655 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF118760.D
Acq: 30 Jan 2020 19:20

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.3	78.6	118.0
167	13.6	11.4	17.2

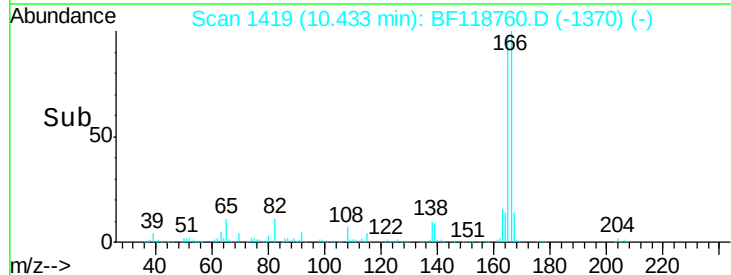
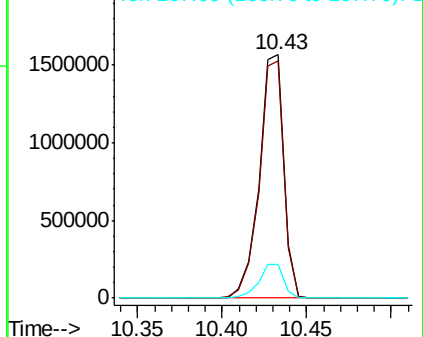


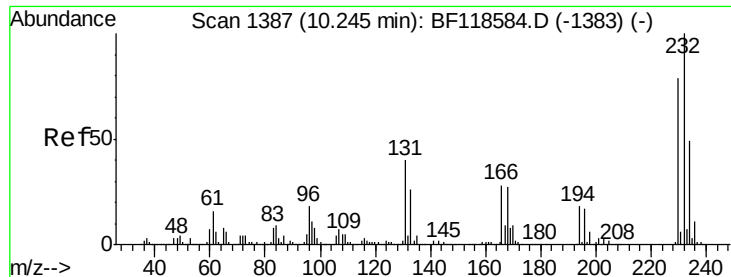
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

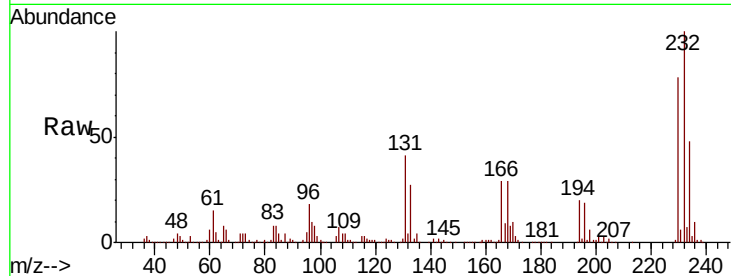




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.361 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.02 min
Lab File: BF118760.D
Acq: 30 Jan 2020 19:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	39.3	31.8	47.6
130	1.9	1.5	2.3
166	28.4	22.8	34.2



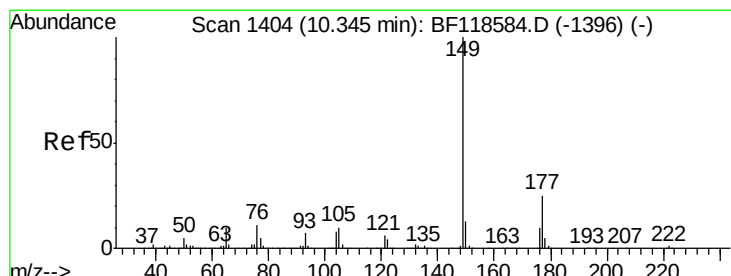
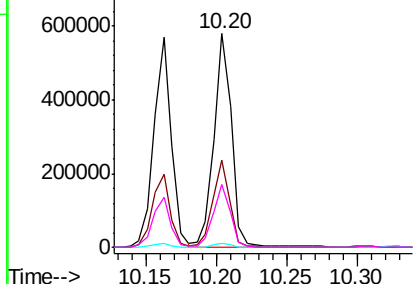
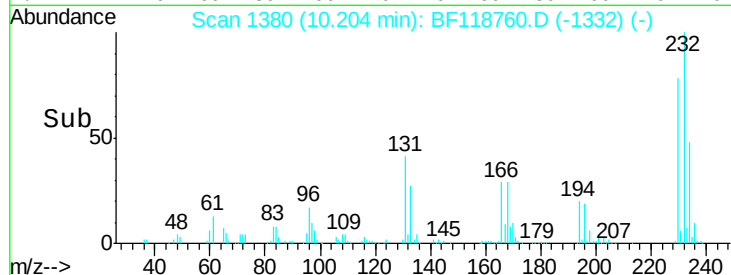
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

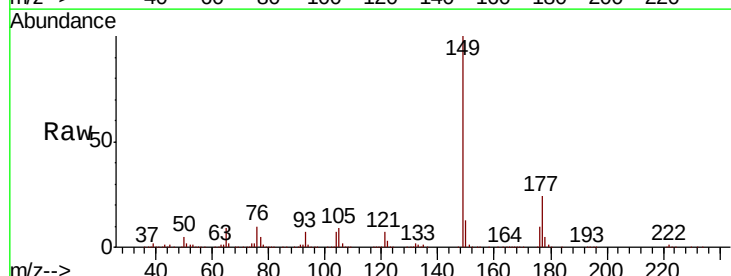
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 48.341 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF118760.D
Acq: 30 Jan 2020 19:20

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.0	19.1	28.7
150	13.1	10.5	15.7

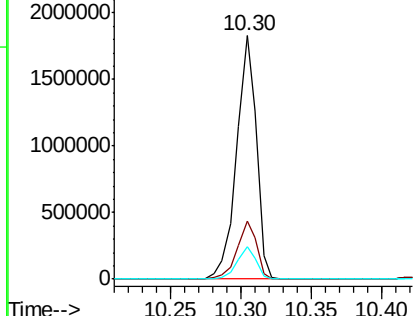
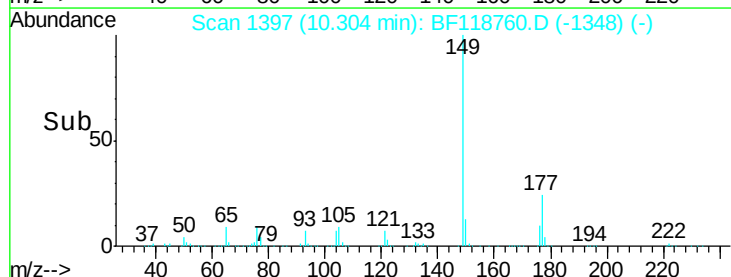


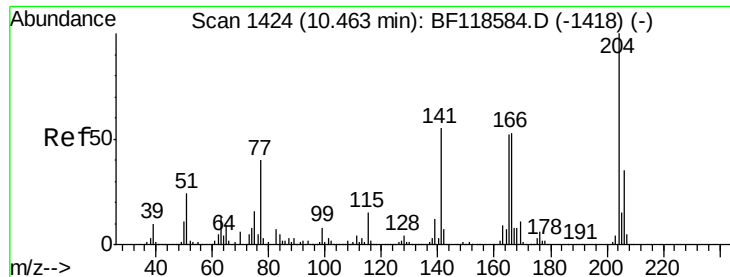
Abundance

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

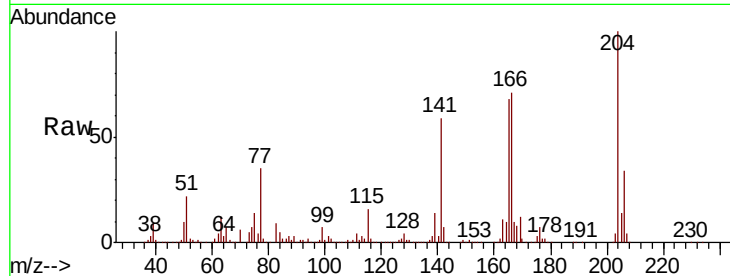




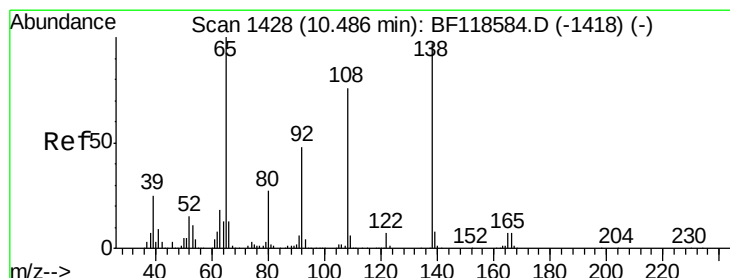
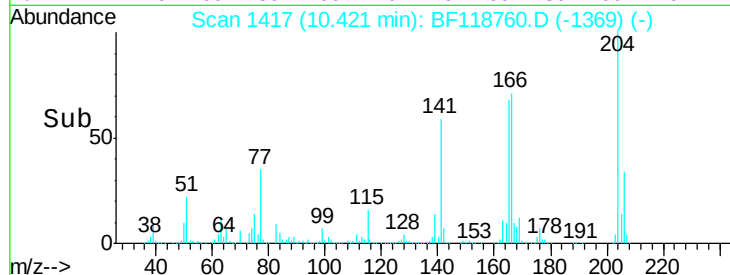
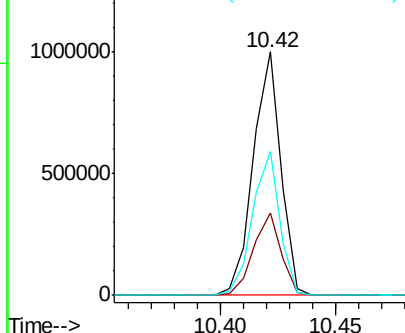
#61
4-Chlorophenyl-phenylether
Concen: 44.695 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.02 min
Lab File: BF118760.D
Acq: 30 Jan 2020 19:20

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 838398
Ion Ratio Lower Upper
204 100
206 34.0 27.0 40.6
141 58.9 43.9 65.9

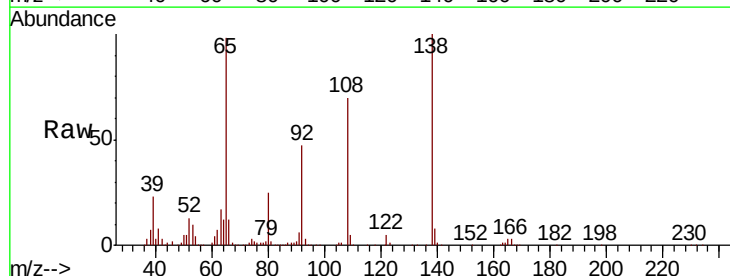


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

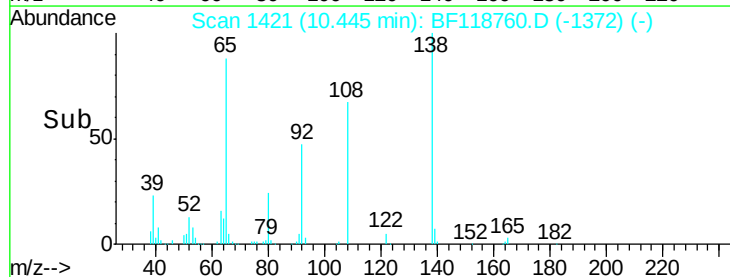
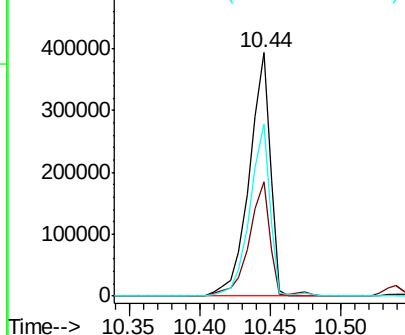


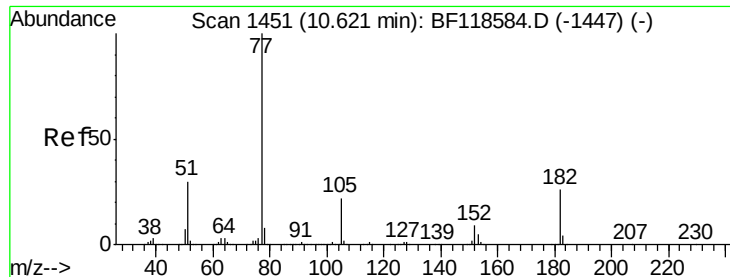
#62
4-Nitroaniline
Concen: 41.629 ng
RT: 10.44 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF118760.D
Acq: 30 Jan 2020 19:20

Tgt Ion:138 Resp: 412687
Ion Ratio Lower Upper
138 100
92 47.2 29.2 69.2
108 70.4 50.8 90.8



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: 44.006 ng

RT: 10.58 min Scan# 1444

Delta R.T. -0.02 min

Lab File: BF118760.D

Acq: 30 Jan 2020 19:20

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1561828

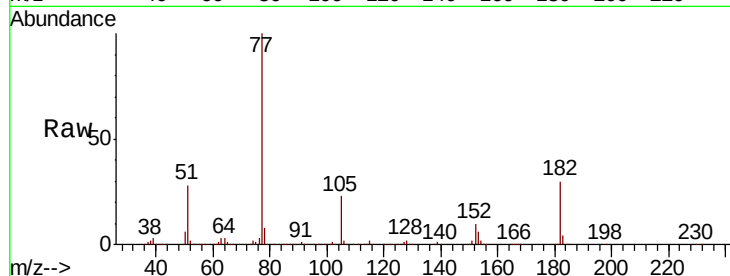
Ion	Ratio	Lower	Upper
77	100		
182	29.9	12.3	52.3
105	23.4	4.0	44.0
51	28.3	7.2	47.2

77 100

182 29.9 12.3 52.3

105 23.4 4.0 44.0

51 28.3 7.2 47.2



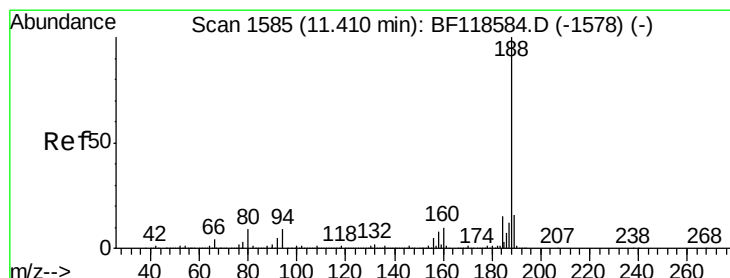
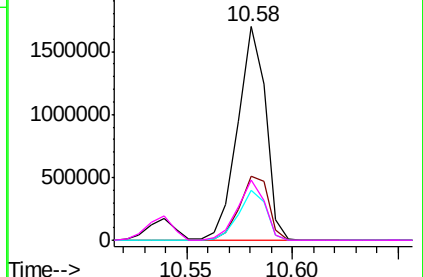
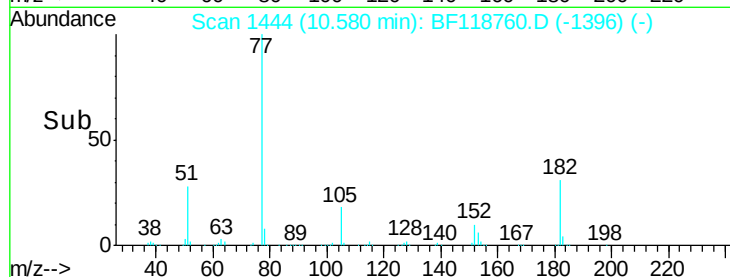
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.02 min

Lab File: BF118760.D

Acq: 30 Jan 2020 19:20

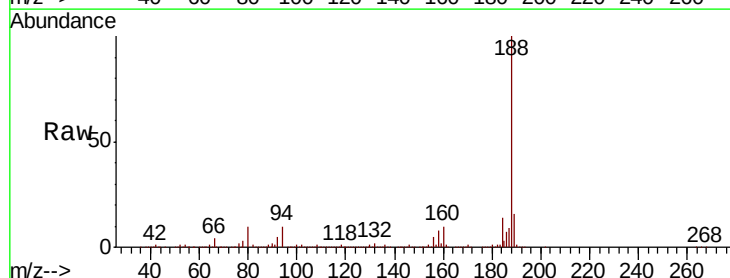
Tgt Ion: 188 Resp: 1111018

Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.4	11.2
80	10.2	7.8	11.8

188 100

94 9.9 7.4 11.2

80 10.2 7.8 11.8

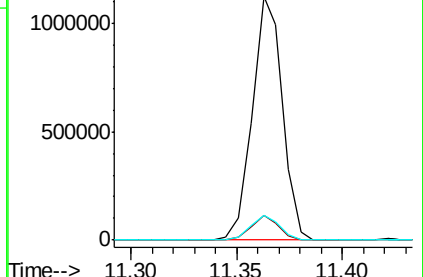
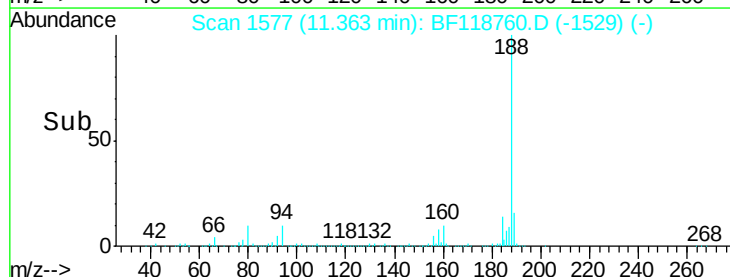


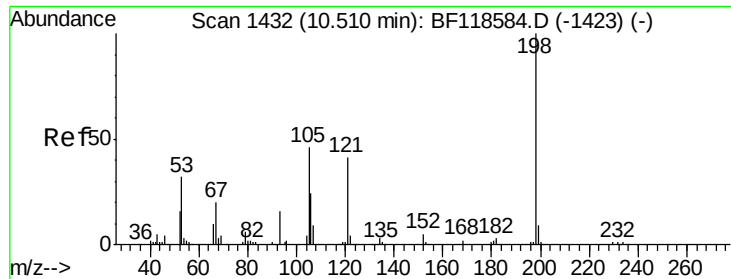
Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

Time-->





#65

4,6-Dinitro-2-methylphenol

Concen: 63.729 ng

RT: 10.47 min Scan# 1426

Delta R.T. -0.02 min

Lab File: BF118760.D

Acq: 30 Jan 2020 19:20

Instrument :

BNA_F

ClientSampleId :

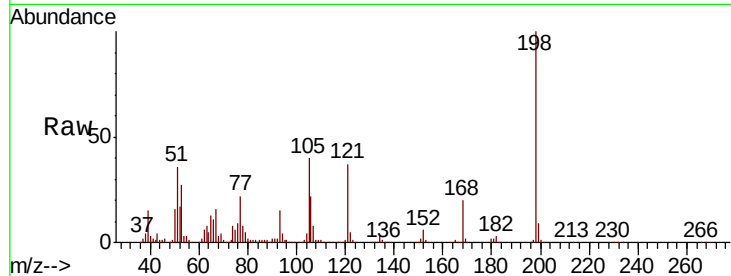
Tot Ion:198 Resp: 311343

Ion Ratio Lower Upper

198 100

51 36.4 9.6 49.6

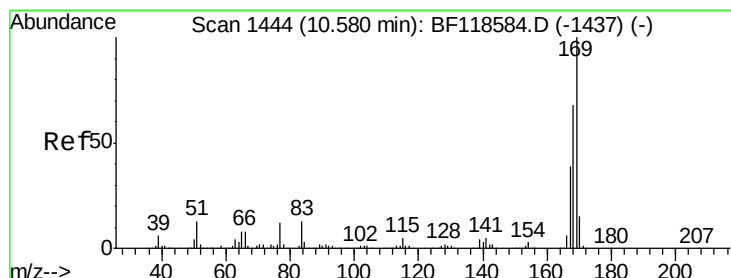
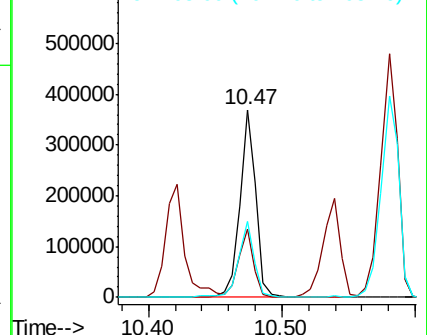
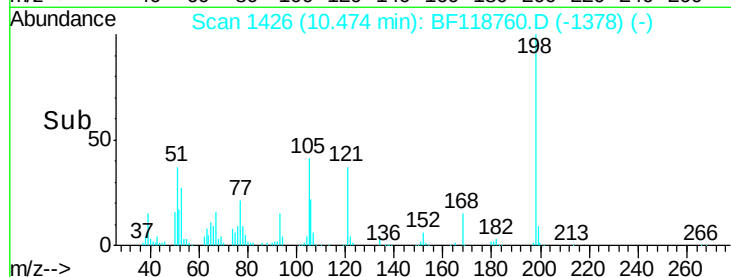
105 40.4 15.5 55.5



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 44.926 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.02 min

Lab File: BF118760.D

Acq: 30 Jan 2020 19:20

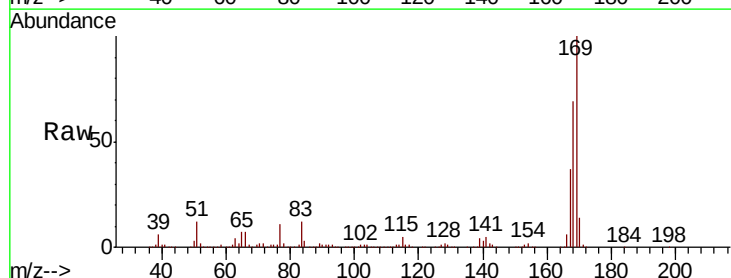
Tgt Ion:169 Resp: 1505285

Ion Ratio Lower Upper

169 100

168 68.6 53.4 80.0

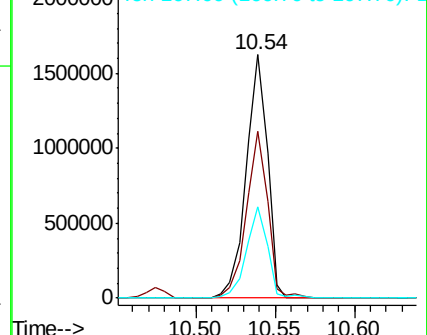
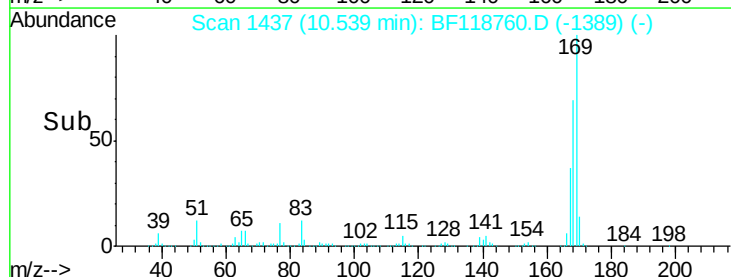
167 37.4 29.2 43.8

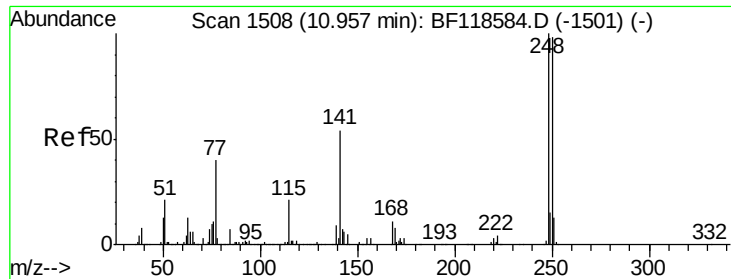


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

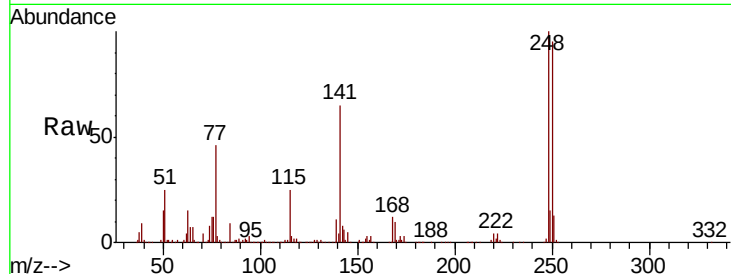




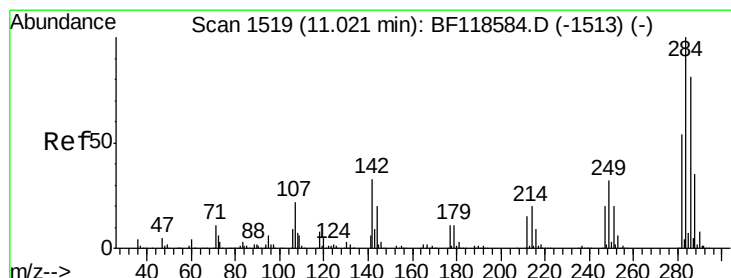
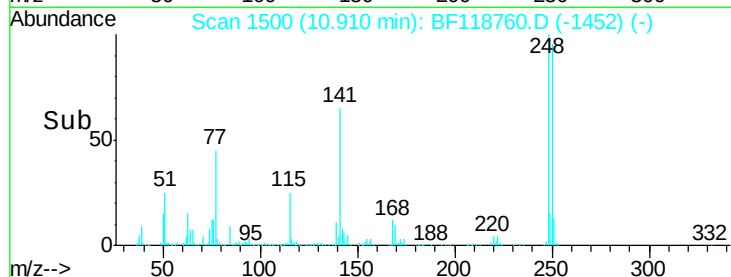
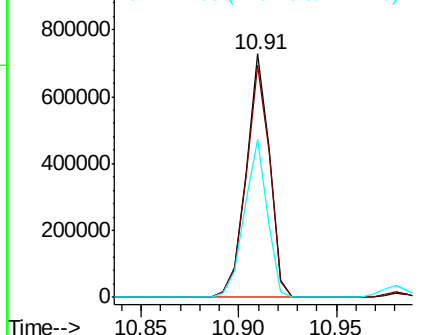
#67
4-Bromophenyl-phenylether
Concen: 43.829 ng
RT: 10.91 min Scan# 1500
Delta R.T. -0.02 min
Lab File: BF118760.D
Acq: 30 Jan 2020 19:20

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 601599
Ion Ratio Lower Upper
248 100
250 95.3 78.7 118.1
141 64.9 48.4 72.6

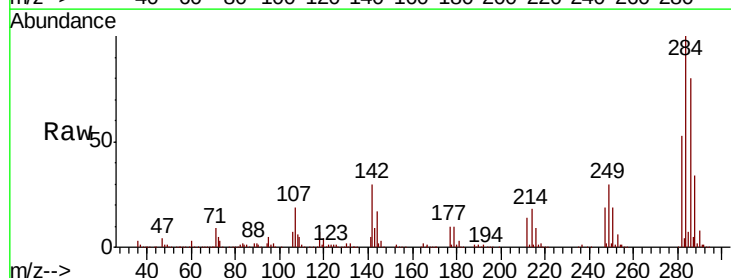


Abundance Ion 248.00 (247.70 to 248.70): E
1000000 Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

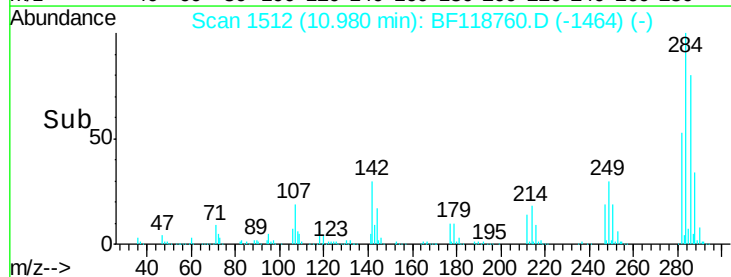
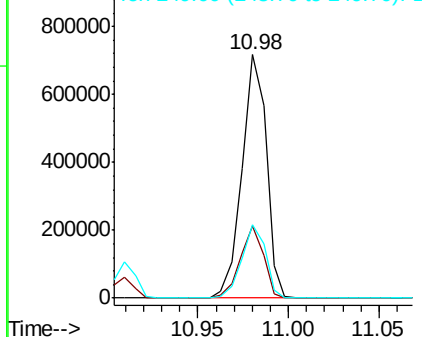


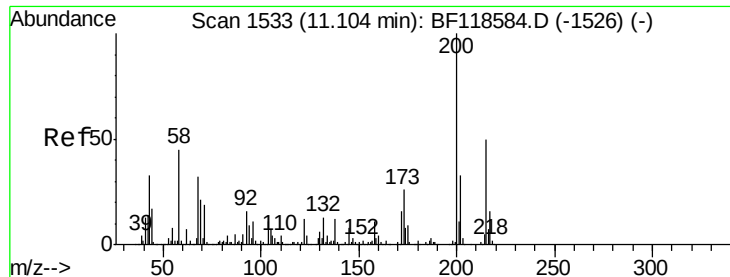
#68
Hexachlorobenzene
Concen: 43.003 ng
RT: 10.98 min Scan# 1512
Delta R.T. -0.02 min
Lab File: BF118760.D
Acq: 30 Jan 2020 19:20

Tgt Ion:284 Resp: 669205
Ion Ratio Lower Upper
284 100
142 29.9 23.1 34.7
249 30.1 24.0 36.0



Abundance Ion 283.80 (283.50 to 284.50): E
1000000 Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

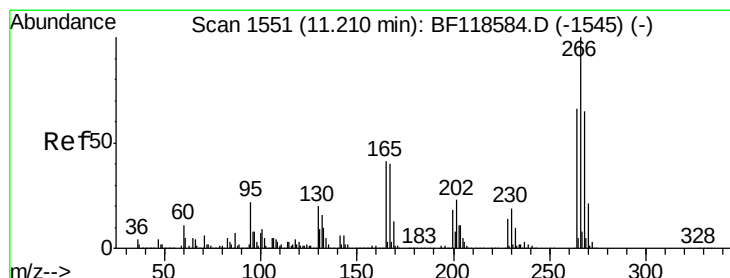
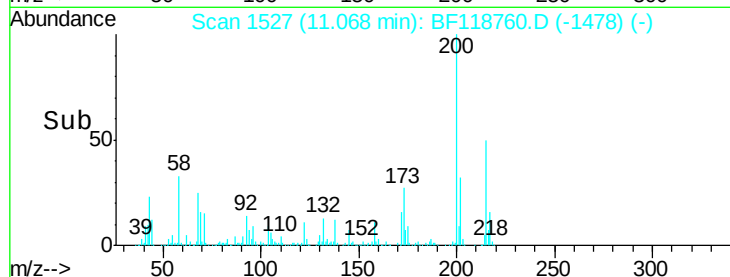
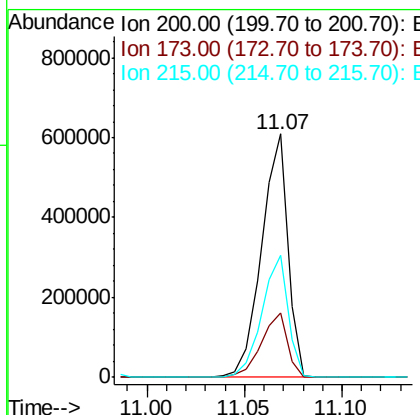
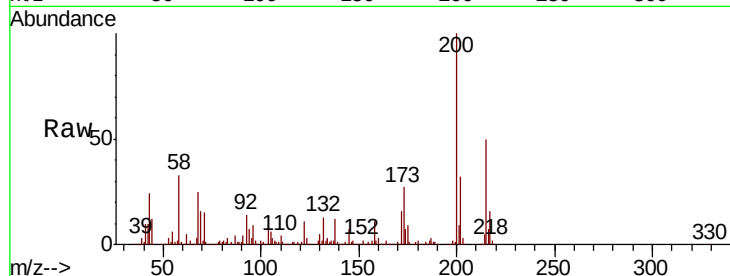




#69
Atrazine
Concen: 48.967 ng
RT: 11.07 min Scan# 1527
Delta R.T. -0.01 min
Lab File: BF118760.D
Acq: 30 Jan 2020 19:20

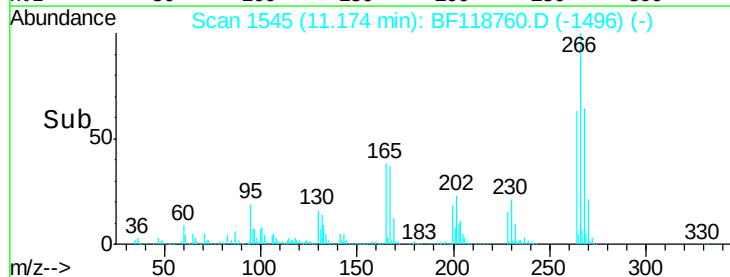
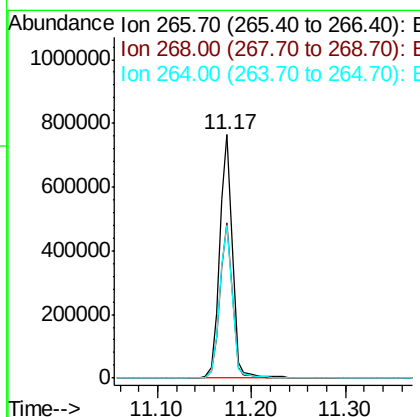
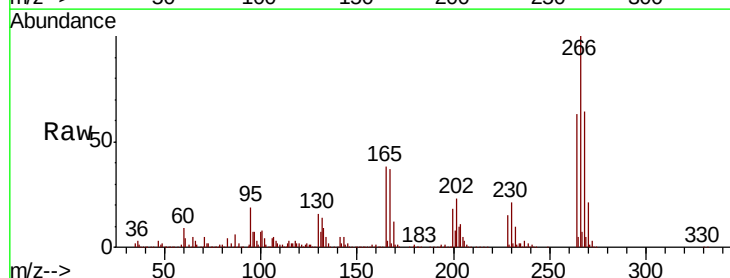
Instrument :
BNA_F
ClientSampleId :

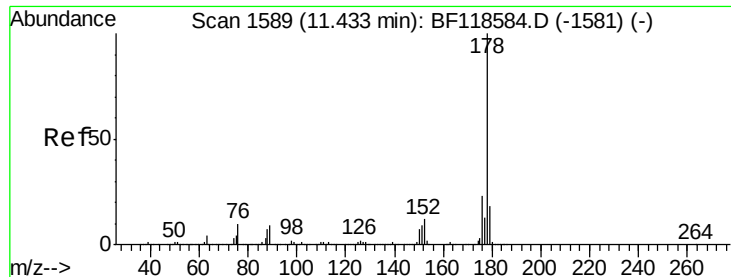
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.7	6.8	46.8
215	49.9	30.4	70.4



#70
Pentachlorophenol
Concen: 83.834 ng
RT: 11.17 min Scan# 1545
Delta R.T. -0.01 min
Lab File: BF118760.D
Acq: 30 Jan 2020 19:20

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.0	51.6	77.4
264	62.7	50.9	76.3

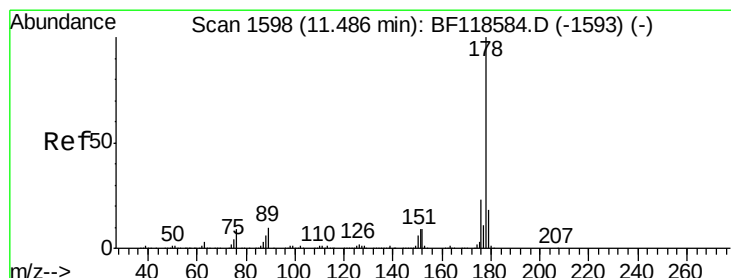
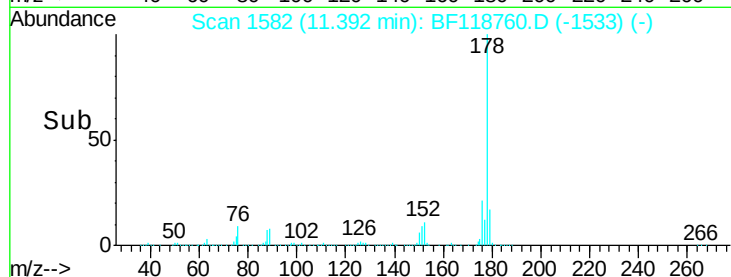
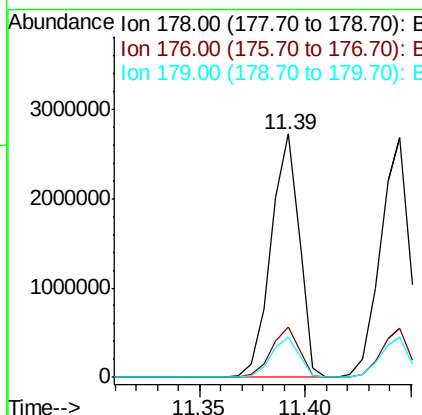
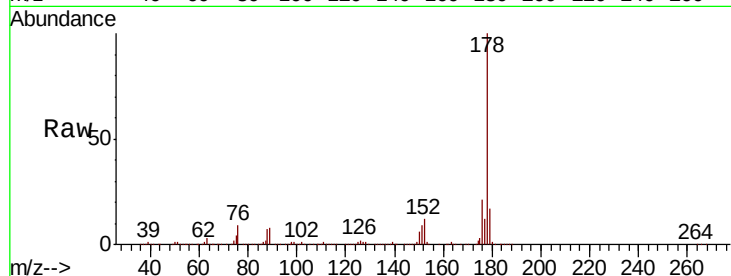




#71
Phenanthrene
Concen: 47.516 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF118760.D
Acq: 30 Jan 2020 19:20

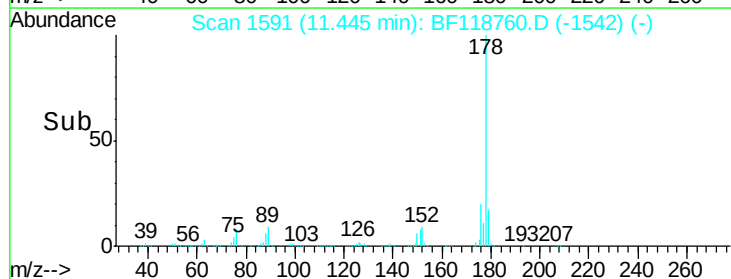
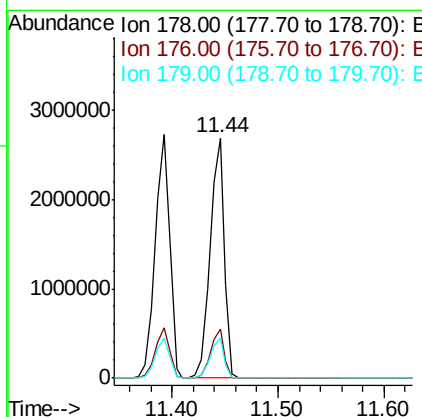
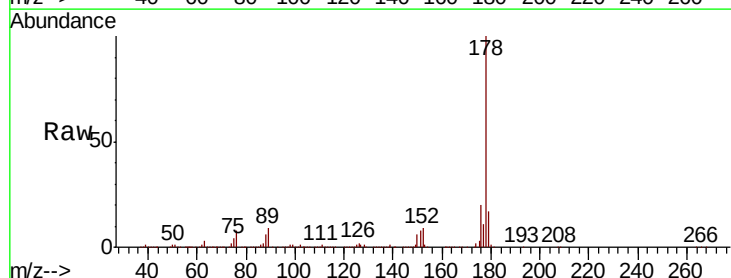
Instrument :
BNA_F
ClientSampleId :

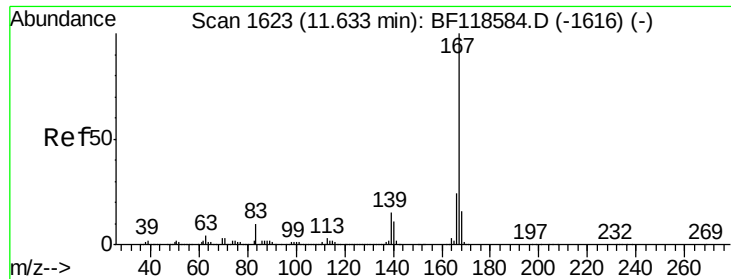
Tot Ion:178 Resp: 2546885
Ion Ratio Lower Upper
178 100
176 20.8 16.5 24.7
179 16.6 13.3 19.9



#72
Anthracene
Concen: 48.127 ng
RT: 11.44 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BF118760.D
Acq: 30 Jan 2020 19:20

Tgt Ion:178 Resp: 2552482
Ion Ratio Lower Upper
178 100
176 20.3 15.8 23.8
179 16.8 13.3 19.9

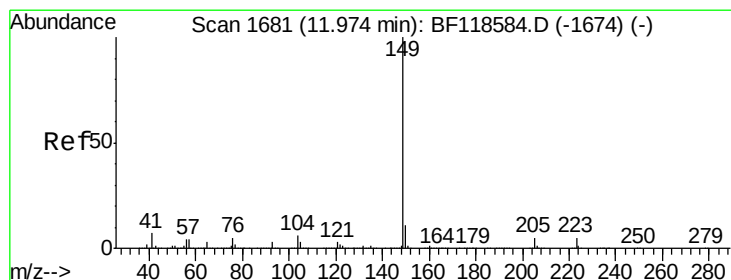
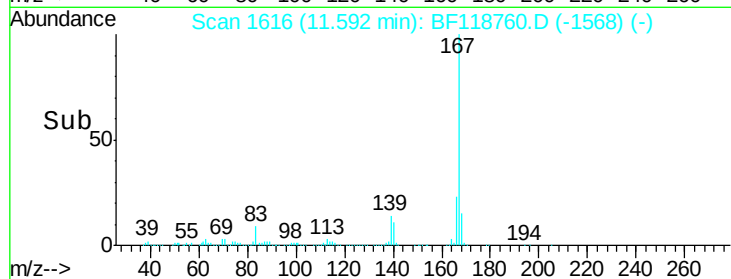
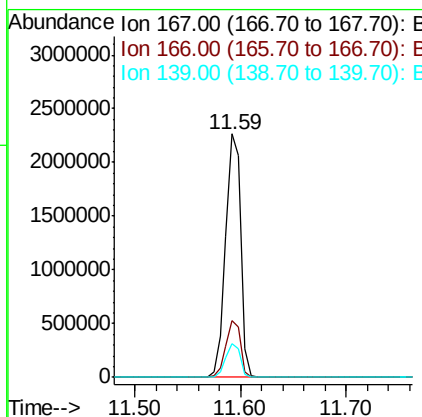
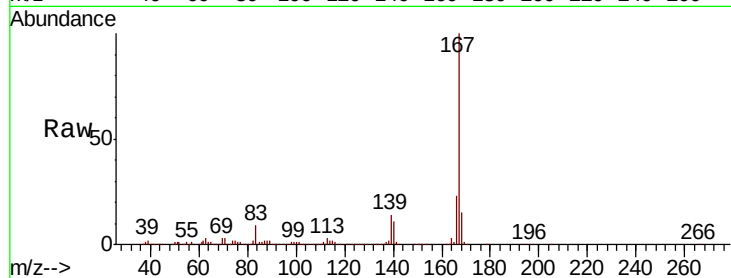




#73
 Carbazole
 Concen: 46.376 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. -0.02 min
 Lab File: BF118760.D
 Acq: 30 Jan 2020 19:20

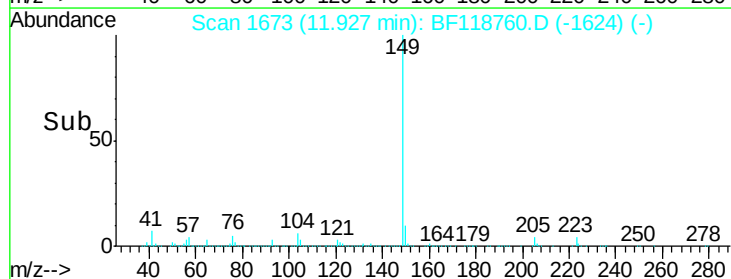
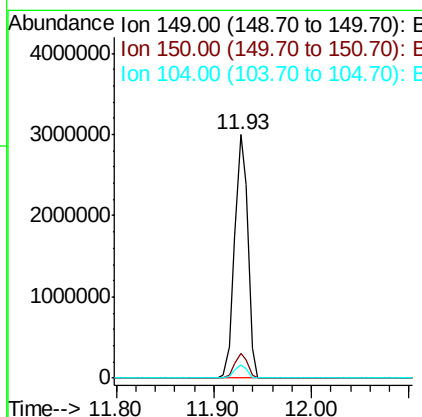
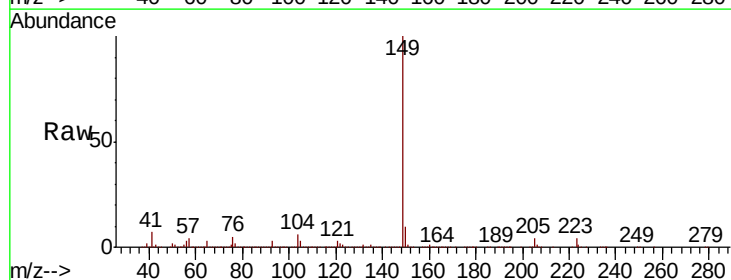
Instrument :
 BNA_F
 ClientSampleId :

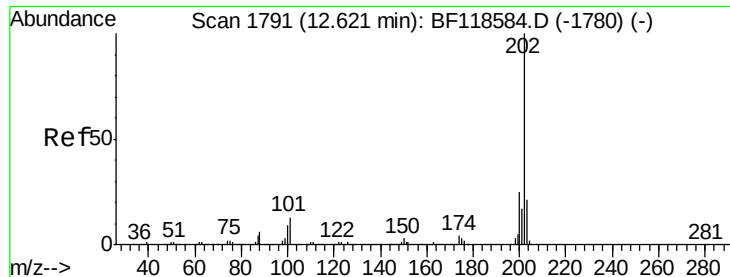
Tot Ion:167 Resp: 2256103
 Ion Ratio Lower Upper
 167 100
 166 23.1 18.3 27.5
 139 14.0 11.0 16.4



#74
 Di-n-butylphthalate
 Concen: 51.893 ng
 RT: 11.93 min Scan# 1673
 Delta R.T. -0.01 min
 Lab File: BF118760.D
 Acq: 30 Jan 2020 19:20

Tgt Ion:149 Resp: 2804772
 Ion Ratio Lower Upper
 149 100
 150 10.3 8.2 12.2
 104 5.7 4.2 6.4

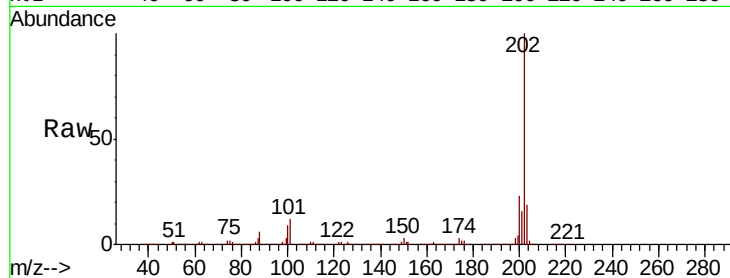




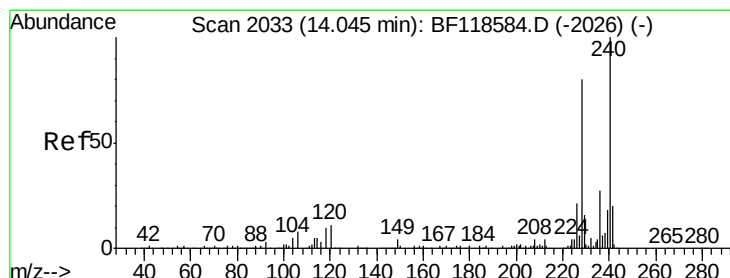
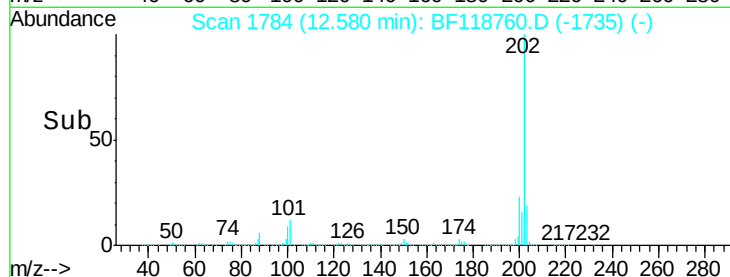
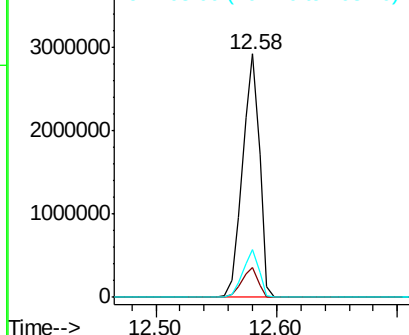
#75
Fluoranthene
Concen: 50.877 ng
RT: 12.58 min Scan# 1784
Delta R.T. -0.01 min
Lab File: BF118760.D
Acq: 30 Jan 2020 19:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 2876242
Ion Ratio Lower Upper
202 100
101 12.3 0.0 32.1
203 19.5 0.0 38.9

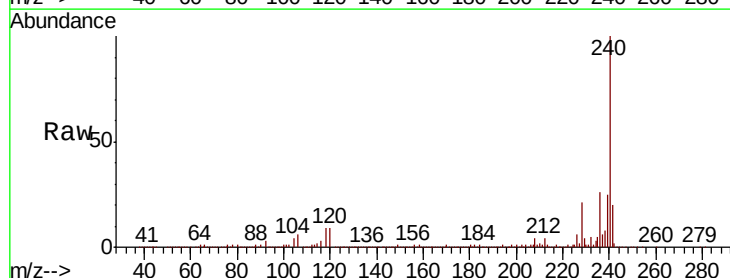


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

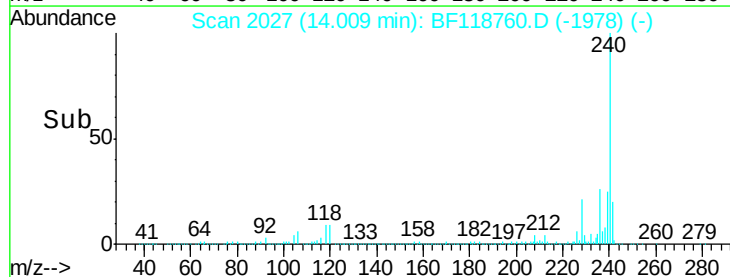
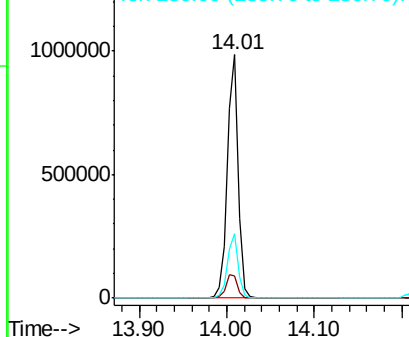


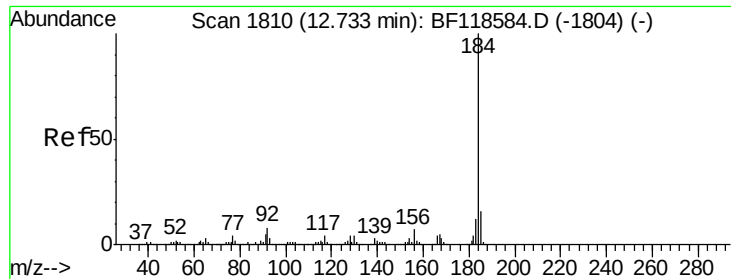
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF118760.D
Acq: 30 Jan 2020 19:20

Tgt Ion:240 Resp: 843473
Ion Ratio Lower Upper
240 100
120 9.1 7.6 11.4
236 26.5 21.0 31.4



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





#77

Benzidine

Concen: 68.968 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF118760.D

Acq: 30 Jan 2020 19:20

Instrument :

BNA_F

ClientSampleId :

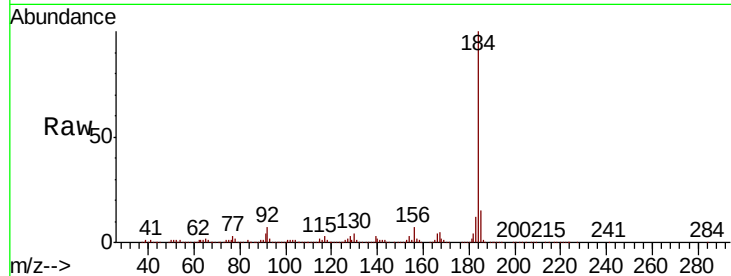
Tot Ion:184 Resp: 1554331

Ion Ratio Lower Upper

184 100

185 14.8 11.8 17.8

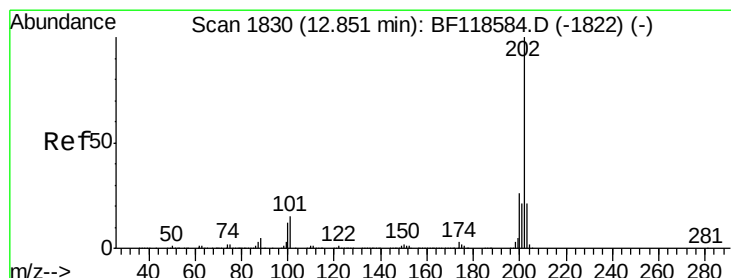
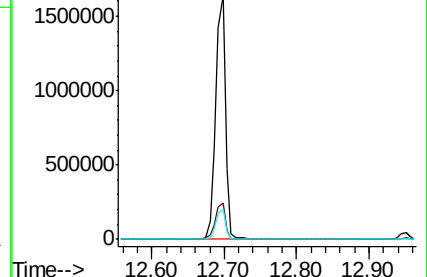
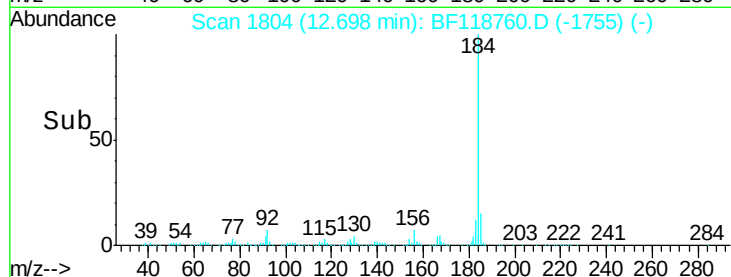
183 12.2 9.7 14.5



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: 50.287 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BF118760.D

Acq: 30 Jan 2020 19:20

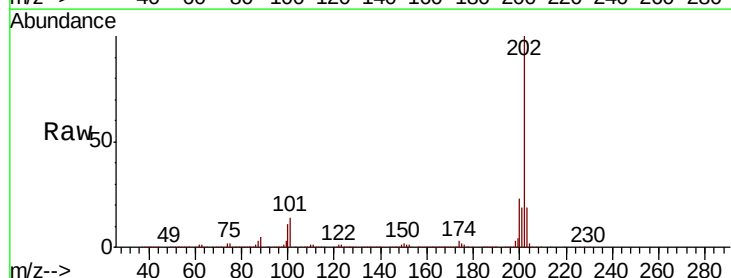
Tgt Ion:202 Resp: 2879675

Ion Ratio Lower Upper

202 100

200 23.4 18.1 27.1

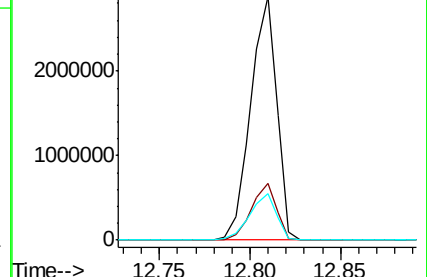
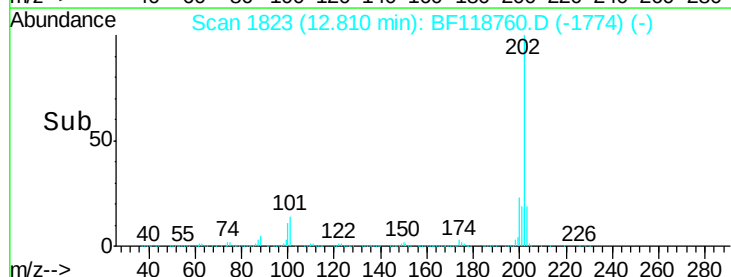
203 19.3 15.2 22.8

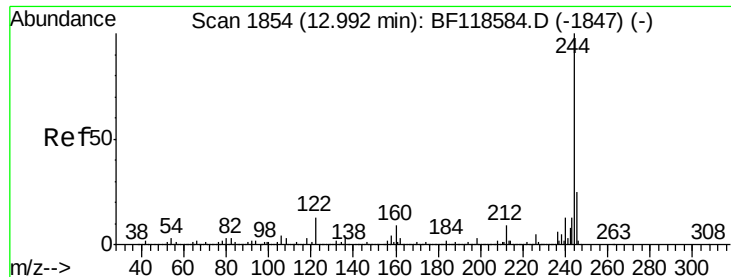


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 83.306 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF118760.D

Acq: 30 Jan 2020 19:20

Instrument :

BNA_F

ClientSampleId :

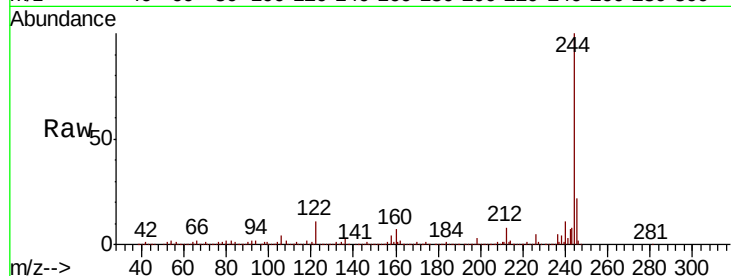
Tot Ion:244 Resp: 3221626

Ion Ratio Lower Upper

244 100

212 7.8 6.3 9.5

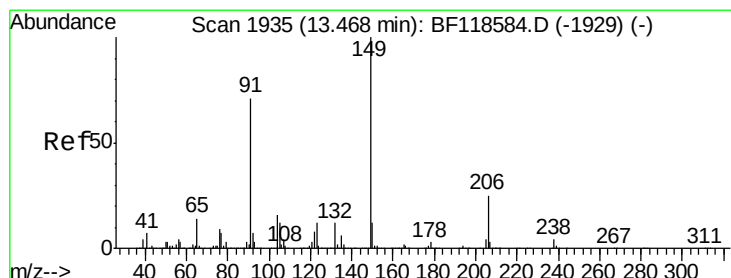
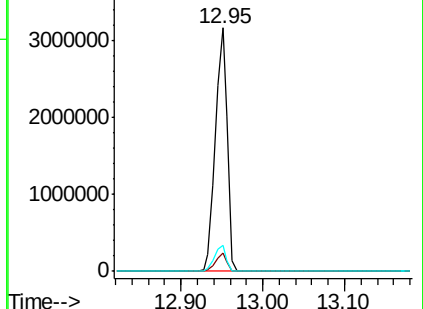
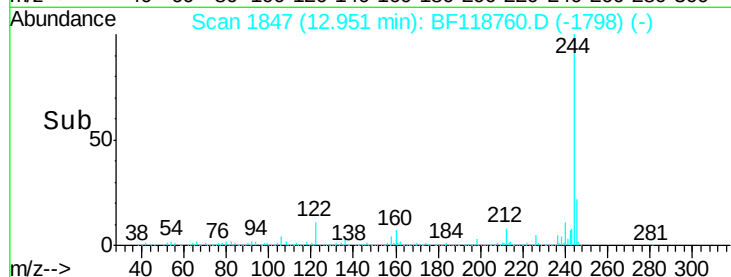
122 10.9 9.2 13.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 54.144 ng

RT: 13.43 min Scan# 1928

Delta R.T. -0.01 min

Lab File: BF118760.D

Acq: 30 Jan 2020 19:20

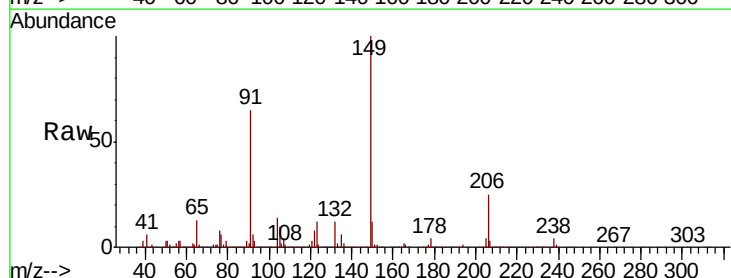
Tgt Ion:149 Resp: 1268932

Ion Ratio Lower Upper

149 100

91 64.7 49.6 74.4

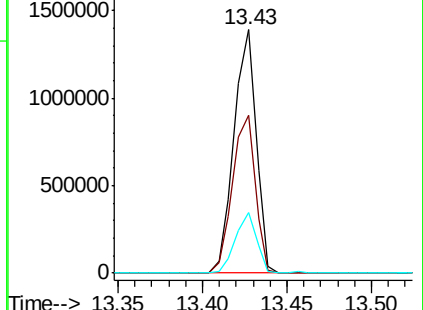
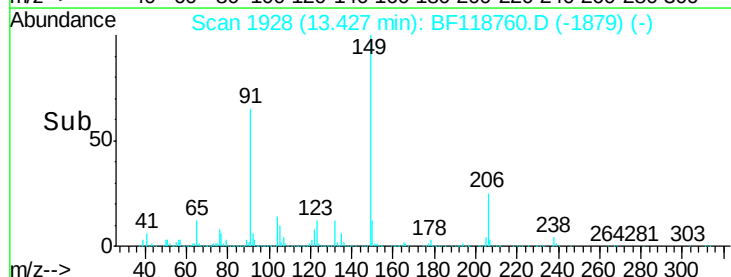
206 25.0 19.9 29.9

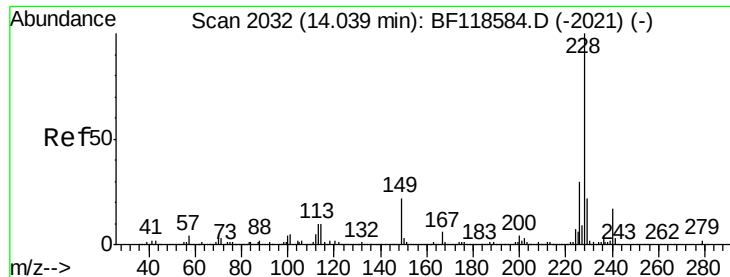


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 47.599 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF118760.D

Acq: 30 Jan 2020 19:20

Instrument :

BNA_F

ClientSampleId :

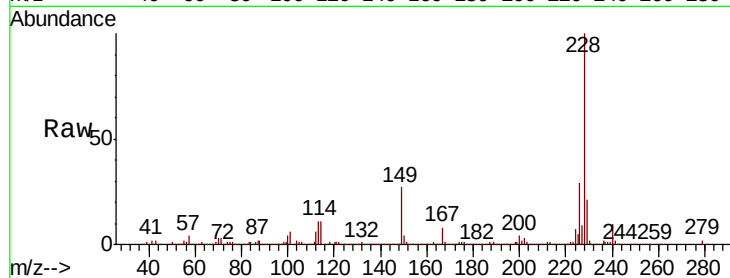
Tot Ion:228 Resp: 2415122

Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.6	34.0
229	21.0	16.6	25.0

228 100

226 28.8 22.6 34.0

229 21.0 16.6 25.0

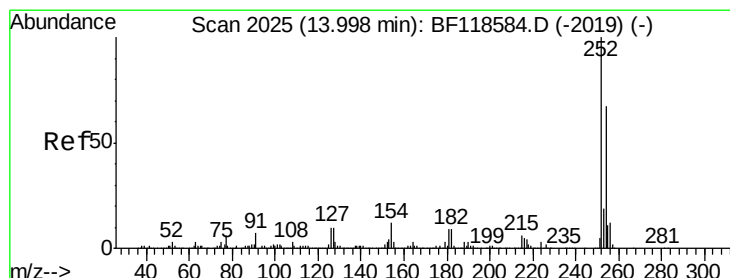
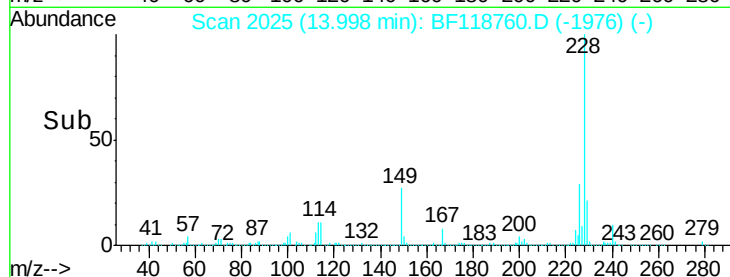
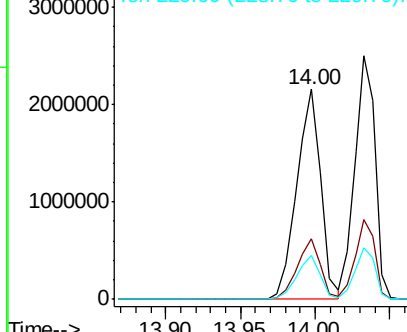


Abundance

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: 30.203 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BF118760.D

Acq: 30 Jan 2020 19:20

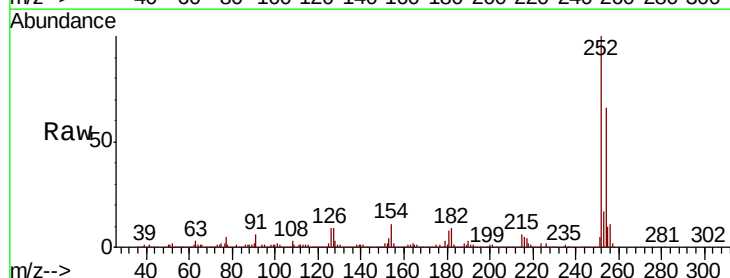
Tgt Ion:252 Resp: 546065

Ion	Ratio	Lower	Upper
252	100		
254	65.9	52.6	78.8
126	9.3	8.1	12.1

252 100

254 65.9 52.6 78.8

126 9.3 8.1 12.1

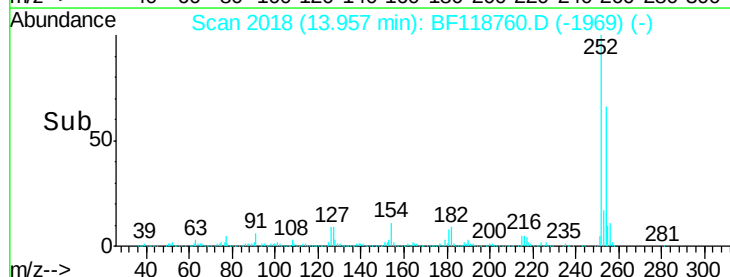
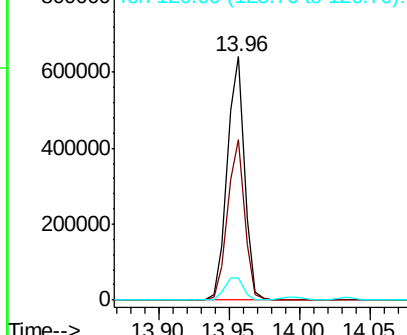


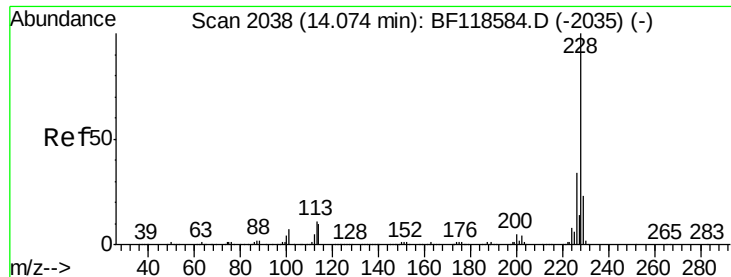
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

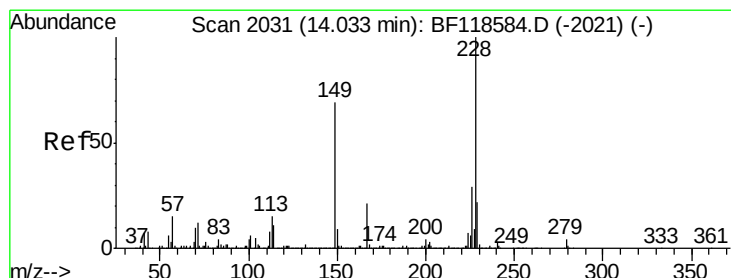
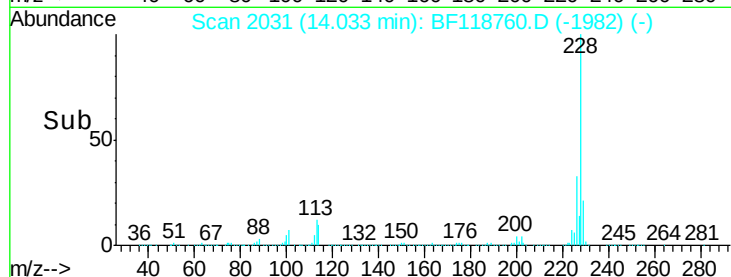
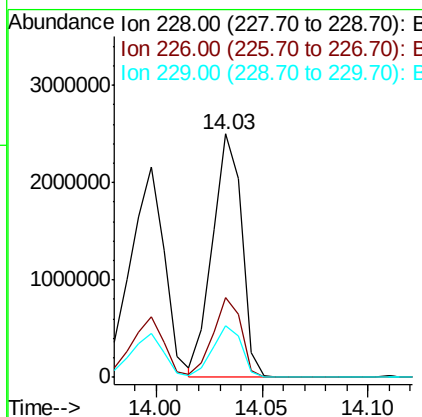
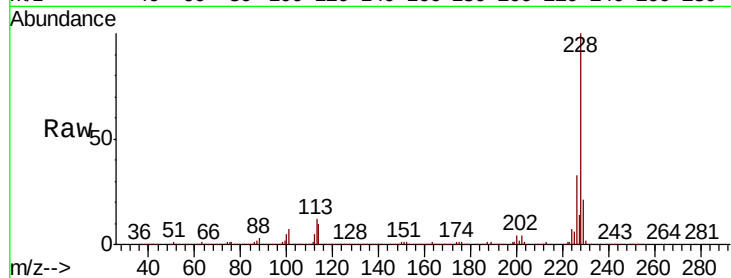




#83
 Chrysene
 Concen: 49.596 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF118760.D
 Acq: 30 Jan 2020 19:20

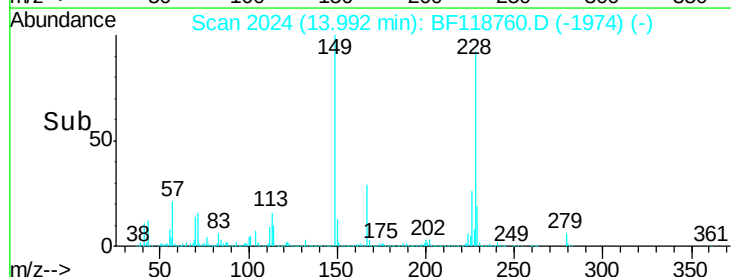
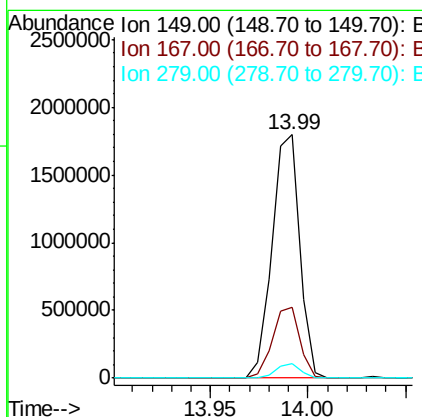
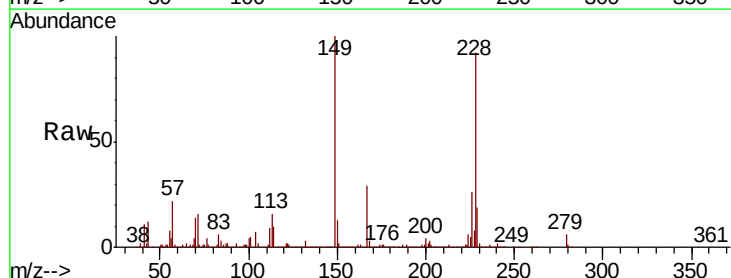
Instrument :
 BNA_F
 ClientSampleId :

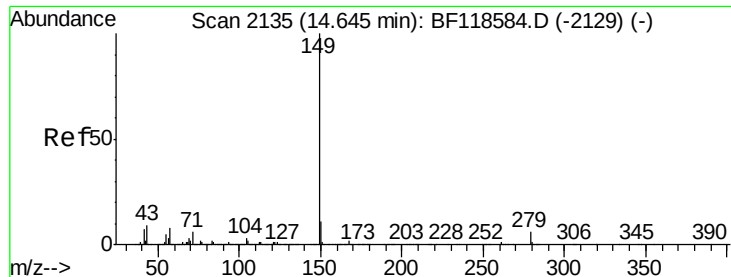
Tot Ion:228 Resp: 2411800
 Ion Ratio Lower Upper
 228 100
 226 32.6 25.6 38.4
 229 21.3 17.1 25.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 61.651 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BF118760.D
 Acq: 30 Jan 2020 19:20

Tgt Ion:149 Resp: 1765223
 Ion Ratio Lower Upper
 149 100
 167 29.1 23.6 35.4
 279 6.2 4.5 6.7





#85

Di-n-octyl phthalate

Concen: 69.826 ng

RT: 14.60 min Scan# 2127

Delta R.T. -0.01 min

Lab File: BF118760.D

Acq: 30 Jan 2020 19:20

Instrument :

BNA_F

ClientSampleId :

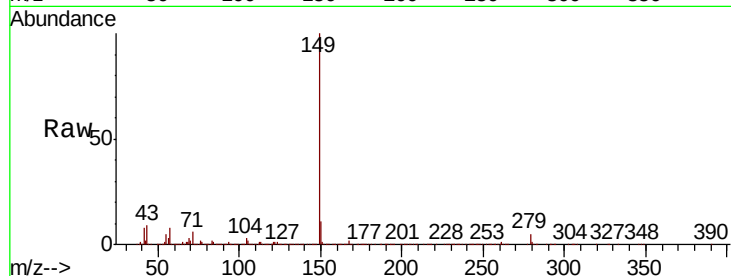
Tot Ion:149 Resp: 2959322

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

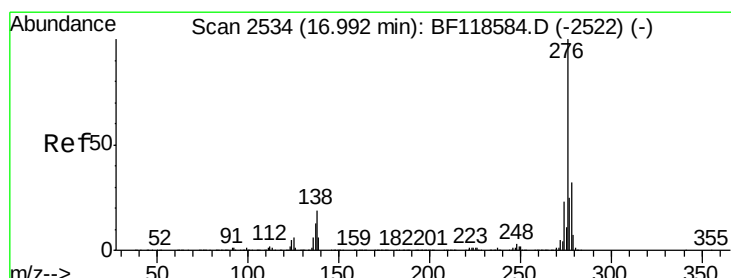
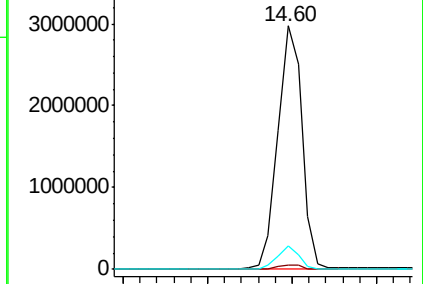
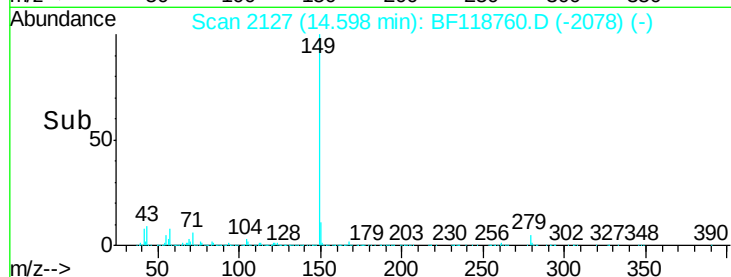
43 8.5 6.6 10.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 64.307 ng

RT: 16.93 min Scan# 2523

Delta R.T. -0.02 min

Lab File: BF118760.D

Acq: 30 Jan 2020 19:20

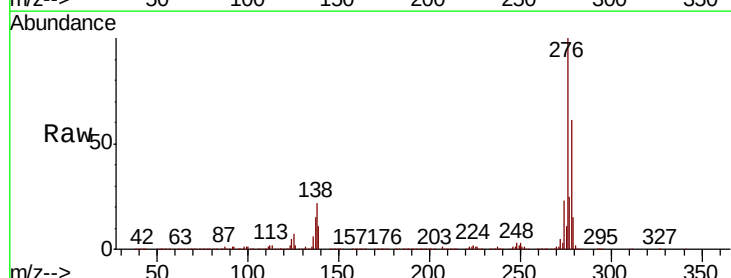
Tgt Ion:276 Resp: 2717202

Ion Ratio Lower Upper

276 100

138 23.2 18.2 27.4

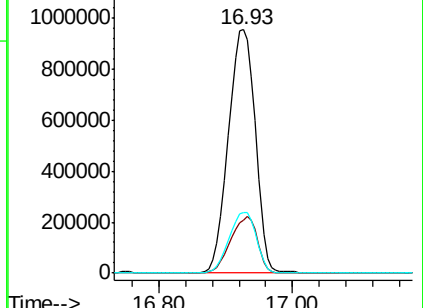
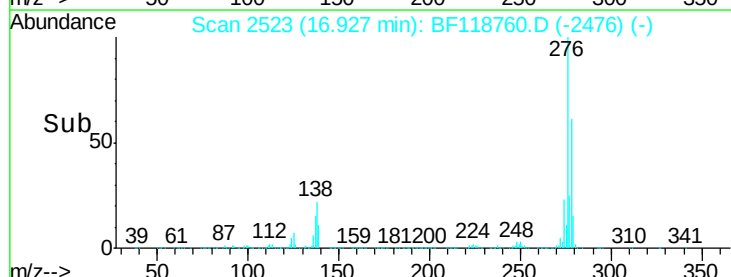
277 25.3 20.4 30.6

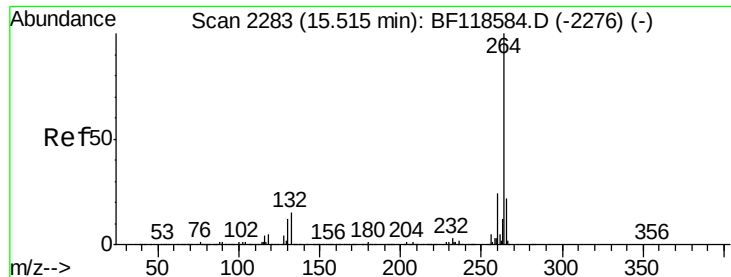


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.46 min Scan# 2274

Delta R.T. -0.02 min

Lab File: BF118760.D

Acq: 30 Jan 2020 19:20

Instrument :

BNA_F

ClientSampleId :

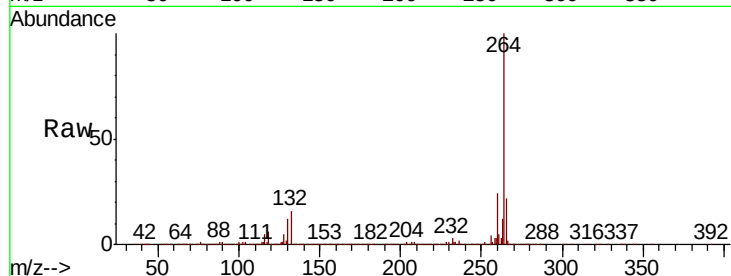
Tot Ion:264 Resp: 885940

Ion Ratio Lower Upper

264 100

260 23.6 18.6 28.0

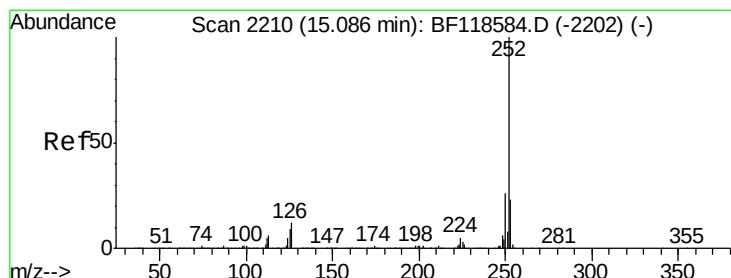
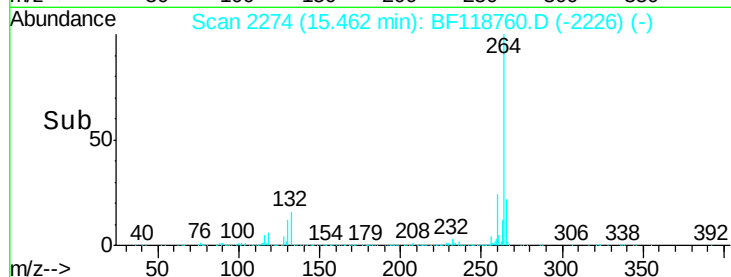
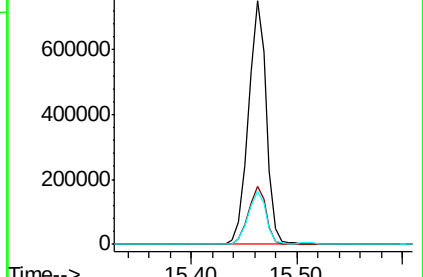
265 21.9 17.0 25.6



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 45.200 ng

RT: 15.04 min Scan# 2203

Delta R.T. -0.01 min

Lab File: BF118760.D

Acq: 30 Jan 2020 19:20

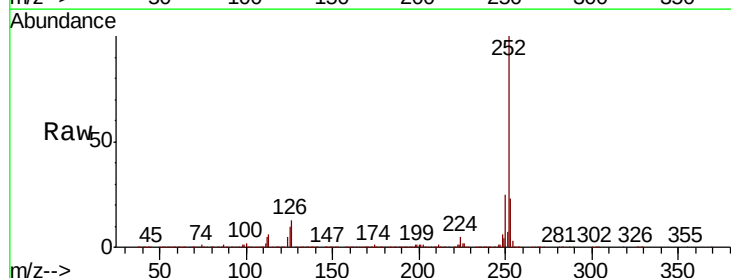
Tgt Ion:252 Resp: 2517102

Ion Ratio Lower Upper

252 100

253 22.9 18.2 27.4

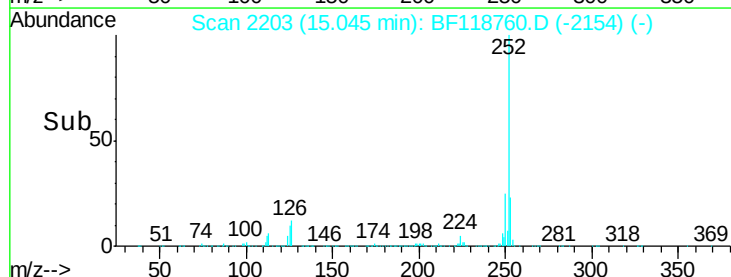
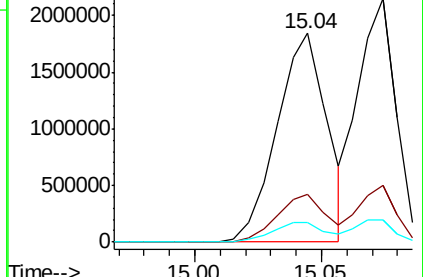
125 9.6 7.7 11.5

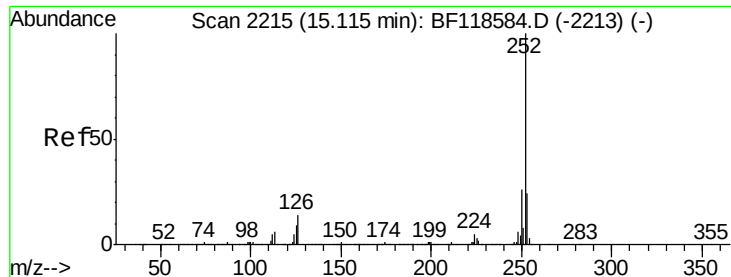


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

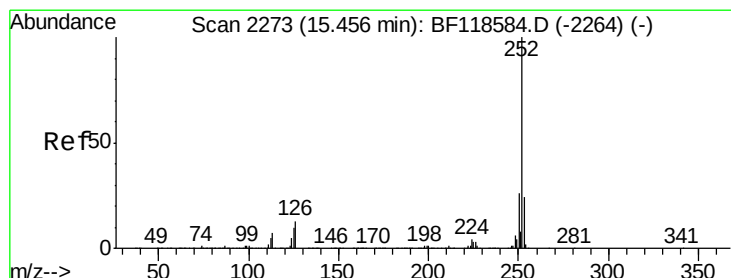
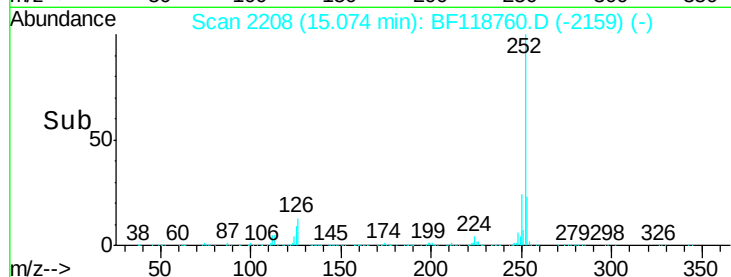
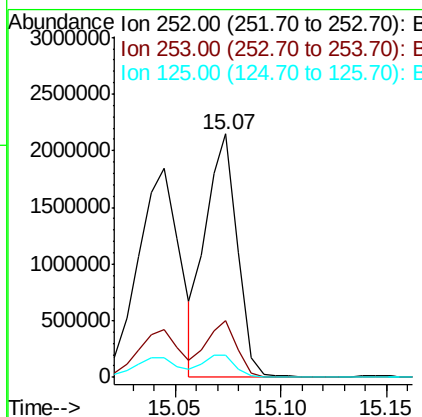
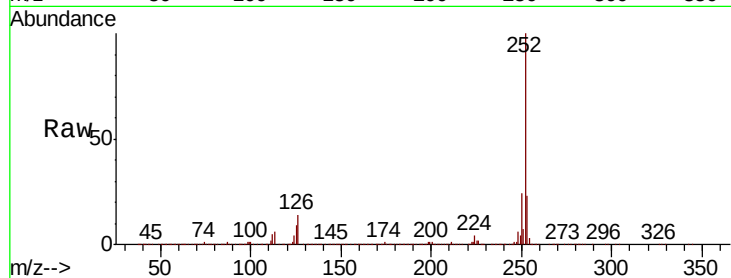




#89
Benzo(k)fluoranthene
Concen: 43.210 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF118760.D
Acq: 30 Jan 2020 19:20

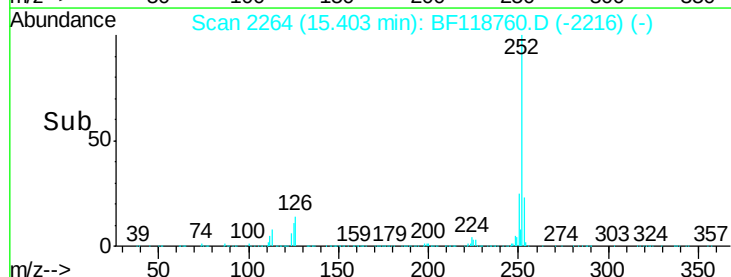
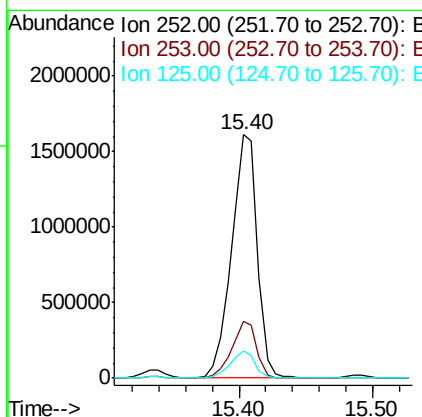
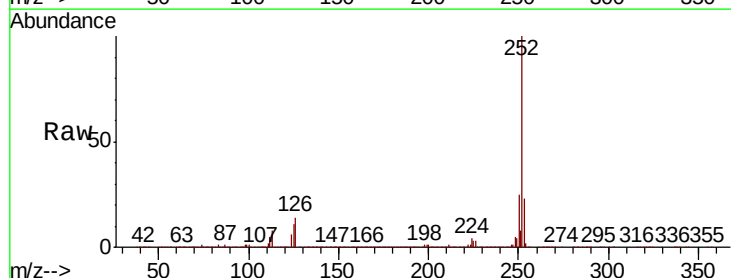
Instrument :
BNA_F
ClientSampled :

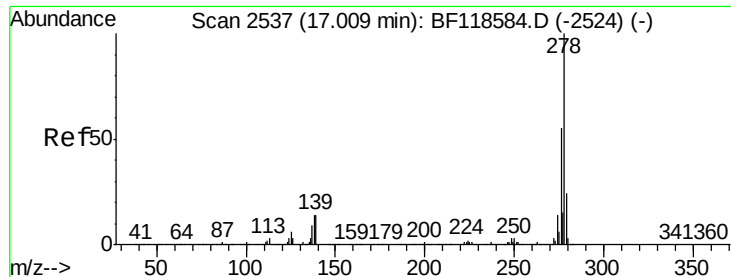
Tot Ion:252 Resp: 2229314
Ion Ratio Lower Upper
252 100
253 23.1 18.4 27.6
125 9.3 8.1 12.1



#90
Benzo(a)pyrene
Concen: 44.991 ng
RT: 15.40 min Scan# 2264
Delta R.T. -0.02 min
Lab File: BF118760.D
Acq: 30 Jan 2020 19:20

Tgt Ion:252 Resp: 2161272
Ion Ratio Lower Upper
252 100
253 23.1 18.2 27.4
125 11.1 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 51.901 ng

RT: 16.94 min Scan# 2526

Delta R.T. -0.02 min

Lab File: BF118760.D

Acq: 30 Jan 2020 19:20

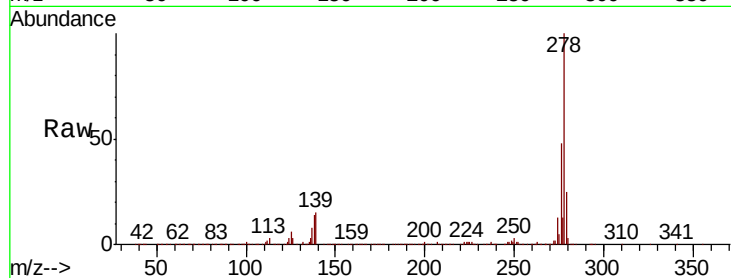
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 2205424

Ion	Ratio	Lower	Upper
278	100		
139	14.7	11.8	17.6
279	24.7	19.1	28.7

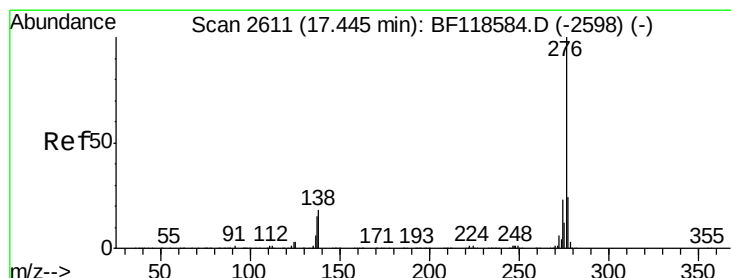
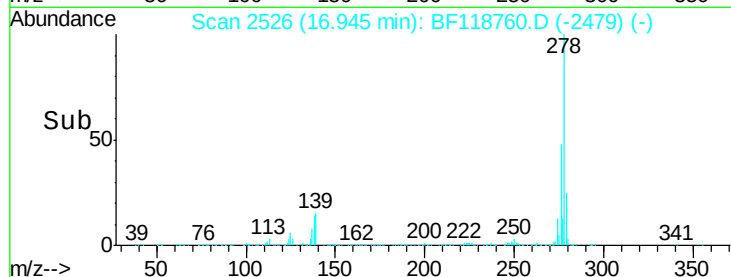
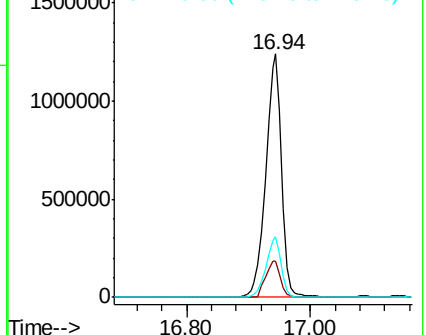


Abundance

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: 56.373 ng

RT: 17.37 min Scan# 2598

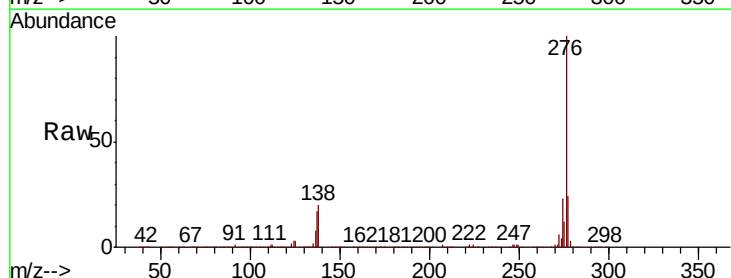
Delta R.T. -0.02 min

Lab File: BF118760.D

Acq: 30 Jan 2020 19:20

Tgt Ion:276 Resp: 2325831

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.0	28.6
138	20.4	15.4	23.2



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

