

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020720\
 Data File : BF118856.D
 Acq On : 7 Feb 2020 17:50
 Operator : CG/JU
 Sample : L1365-08MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 08 03:37:18 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 03 16:26:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	242837	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	928853	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	512050	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	869302	20.00	ng	0.00
76) Chrysene-d12	13.97	240	596460	20.00	ng	0.00
87) Perylene-d12	15.42	264	700043	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	1556189	121.31	ng	0.02
7) Phenol-d6	6.46	99	1783890	112.02	ng	0.00
23) Nitrobenzene-d5	7.38	82	1384303	88.83	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	747297	121.97	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	2709692	94.60	ng	0.00
79) Terphenyl-d14	12.92	244	2748112	94.64	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.70	88	210288	35.969	ng	# 85
3) Pyridine	3.43	79	452983	27.903	ng	100
4) n-Nitrosodimethylamine	3.33	42	257460	43.559	ng	94
6) Aniline	6.48	93	302626	14.755	ng	# 84
8) 2-Chlorophenol	6.60	128	710657	49.735	ng	99
9) Benzaldehyde	6.36	77	236329	22.058	ng	99
10) Phenol	6.47	94	687931	38.851	ng	98
11) bis(2-Chloroethyl)ether	6.55	93	658775	48.629	ng	99
12) 1,3-Dichlorobenzene	6.76	146	742735	43.669	ng	99
13) 1,4-Dichlorobenzene	6.83	146	751491	44.295	ng	99
14) 1,2-Dichlorobenzene	6.99	146	701339	43.275	ng	100
15) Benzyl Alcohol	6.96	79	596625	48.469	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	726832	43.812	ng	94
17) 2-Methylphenol	7.07	107	556088	46.810	ng	99
18) Hexachloroethane	7.33	117	254671	41.824	ng	97
19) n-Nitroso-di-n-propylamine	7.23	70	454510	46.646	ng	99
20) 3+4-Methylphenols	7.23	107	649408	43.612	ng	# 85
22) Acetophenone	7.23	105	904487	44.820	ng	# 99
24) Nitrobenzene	7.40	77	722496	46.410	ng	98
25) Isophorone	7.64	82	1289948	46.058	ng	99
26) 2-Nitrophenol	7.72	139	392645	47.332	ng	96
27) 2,4-Dimethylphenol	7.76	122	599179	53.172	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	799953	44.048	ng	99
29) 2,4-Dichlorophenol	7.96	162	628629	46.582	ng	99
30) 1,2,4-Trichlorobenzene	8.04	180	681234	43.188	ng	100
31) Naphthalene	8.12	128	1970469	46.384	ng	100
32) Benzoic acid	7.89	122	348637	37.368	ng	99
33) 4-Chloroaniline	8.16	127	197794	10.407	ng	100
34) Hexachlorobutadiene	8.24	225	398996	41.287	ng	99
35) Caprolactam	8.54	113	151705	34.677	ng	97
36) 4-Chloro-3-methylphenol	8.66	107	641224	47.215	ng	98
37) 2-Methylnaphthalene	8.81	142	1383418	46.954	ng	99
38) 1-Methylnaphthalene	8.91	142	1259744	45.451	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	688089	44.525	ng	99

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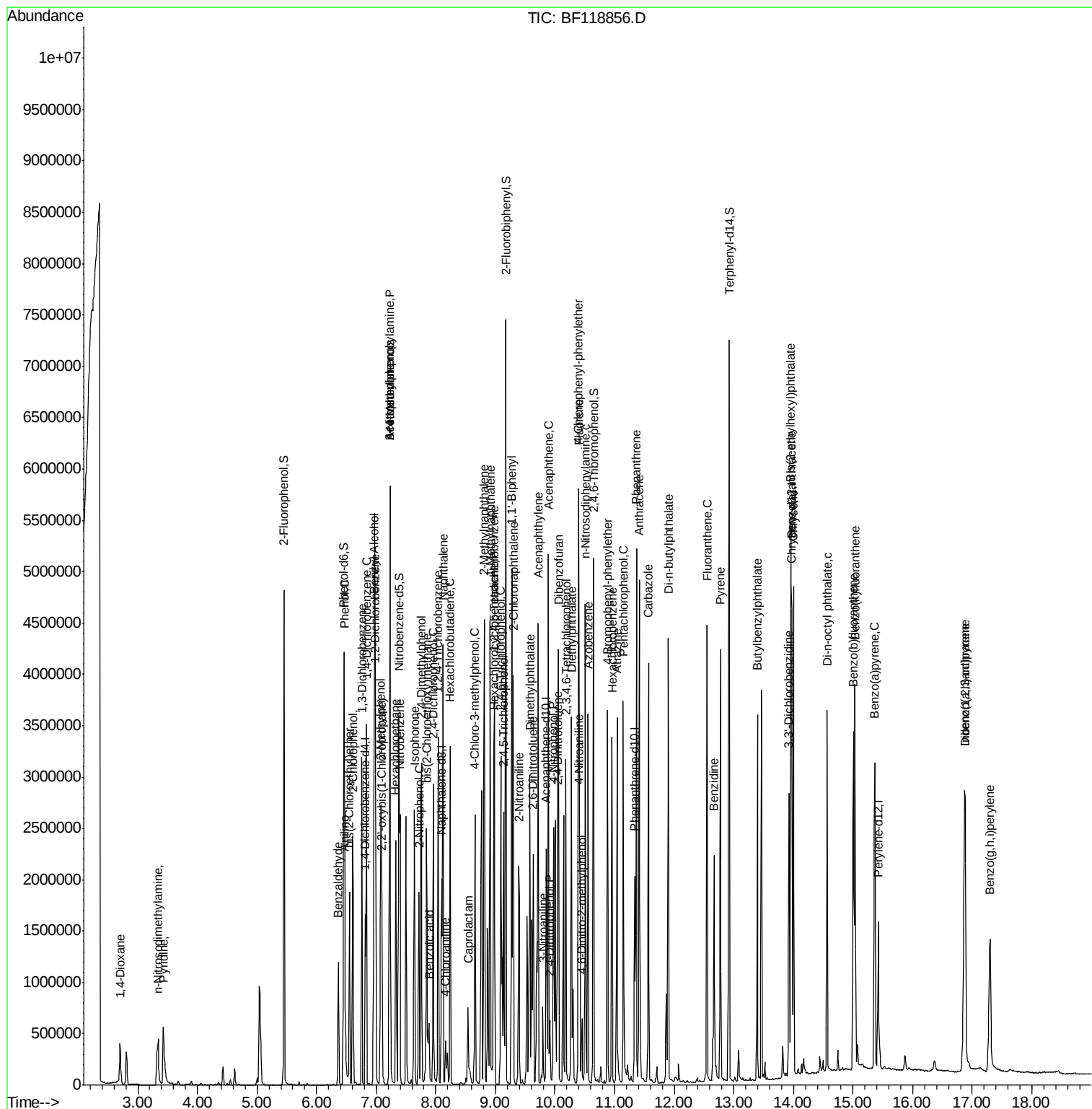
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	219024	36.144	ng	100
43) 2,4,6-Trichlorophenol	9.09	196	472973	45.768	ng	99
44) 2,4,5-Trichlorophenol	9.14	196	503463	47.680	ng	99
46) 1,1'-Biphenyl	9.27	154	1656294	46.761	ng	99
47) 2-Chloronaphthalene	9.30	162	1332834	45.263	ng	99
48) 2-Nitroaniline	9.39	65	389392	45.849	ng	91
49) Acenaphthylene	9.72	152	2053559	48.300	ng	100
50) Dimethylphthalate	9.58	163	1681012	48.214	ng	99
51) 2,6-Dinitrotoluene	9.64	165	375873	47.116	ng	91
52) Acenaphthene	9.89	154	1248227	44.553	ng	100
53) 3-Nitroaniline	9.80	138	136997	15.484	ng	93
54) 2,4-Dinitrophenol	9.91	184	100102	26.101	ng	98
55) Dibenzofuran	10.06	168	1831390	45.232	ng	100
56) 4-Nitrophenol	9.97	139	510948	79.795	ng	98
57) 2,4-Dinitrotoluene	10.04	165	483392	45.787	ng	# 86
58) Fluorene	10.40	166	1376420	45.187	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.18	232	421745	45.735	ng	99
60) Diethylphthalate	10.27	149	1535069	45.278	ng	100
61) 4-Chlorophenyl-phenylether	10.39	204	725580	43.923	ng	100
62) 4-Nitroaniline	10.42	138	299875	33.846	ng	95
63) Azobenzene	10.55	77	1332136	46.024	ng	100
65) 4,6-Dinitro-2-methylphenol	10.45	198	97725	20.006	ng	96
66) n-Nitrosodiphenylamine	10.51	169	1308735	51.974	ng	100
67) 4-Bromophenyl-phenylether	10.88	248	485846	47.245	ng	99
68) Hexachlorobenzene	10.96	284	531435	45.055	ng	93
69) Atrazine	11.04	200	438599	52.283	ng	100
70) Pentachlorophenol	11.15	266	530572	85.191	ng	100
71) Phenanthrene	11.36	178	1955471	45.720	ng	99
72) Anthracene	11.42	178	2027574	47.652	ng	99
73) Carbazole	11.57	167	1752865	46.941	ng	99
74) Di-n-butylphthalate	11.90	149	2128146	44.738	ng	100
75) Fluoranthene	12.55	202	1909834	40.897	ng	99
77) Benzidine	12.67	184	985545	54.630	ng	98
78) Pyrene	12.78	202	1887447	46.127	ng	98
80) Butylbenzylphthalate	13.39	149	807641	43.244	ng	97
81) Benzo(a)anthracene	13.97	228	1731237	48.777	ng	98
82) 3,3'-Dichlorobenzidine	13.93	252	693366	47.764	ng	99
83) Chrysene	14.00	228	1684266	47.281	ng	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	1024655	43.243	ng	99
85) Di-n-octyl phthalate	14.56	149	1728451	42.580	ng	99
86) Indeno(1,2,3-cd)pyrene	16.87	276	1702261	47.561	ng	100
88) Benzo(b)fluoranthene	15.01	252	2002197	46.092	ng	98
89) Benzo(k)fluoranthene	15.03	252	1688710	44.643	ng	98
90) Benzo(a)pyrene	15.36	252	1695740	45.615	ng	100
91) Dibenzo(a,h)anthracene	16.88	278	1454159	44.063	ng	99
92) Benzo(g,h,i)perylene	17.30	276	1310788	41.300	ng	99

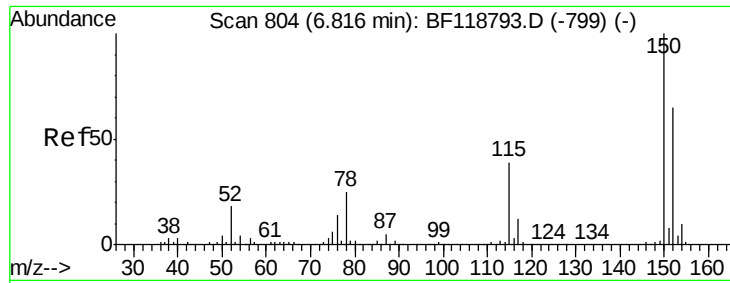
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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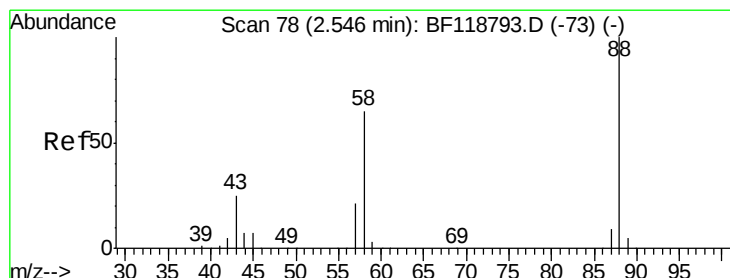
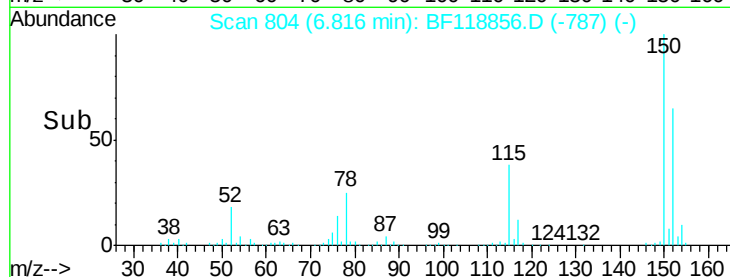
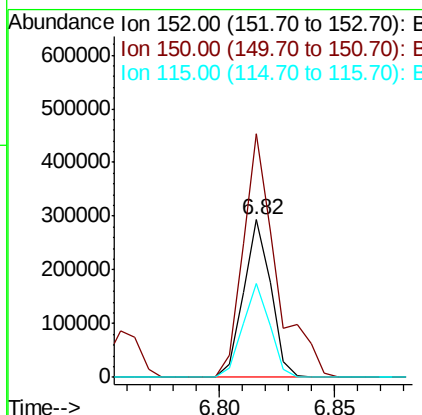
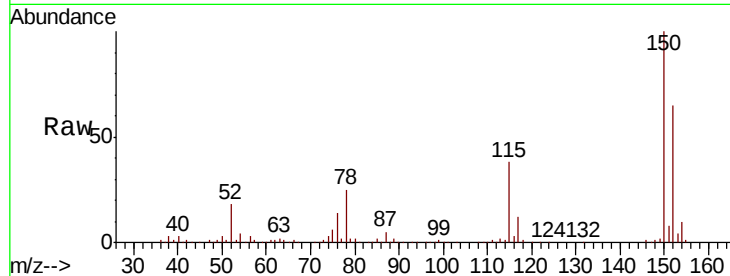


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF118856.D
Acq: 7 Feb 2020 17:50

Instrument :
BNA_F
ClientSampleId :

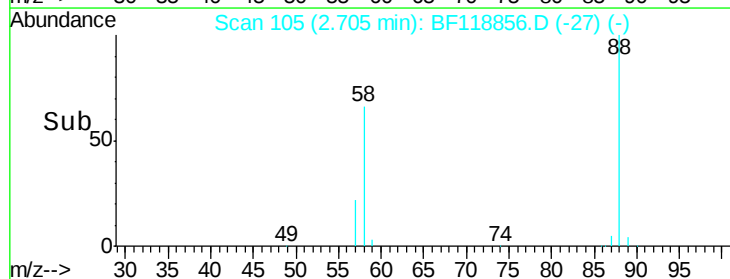
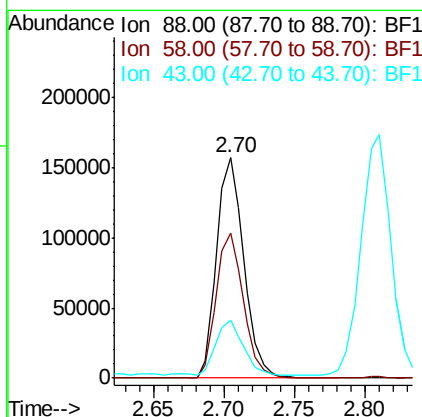
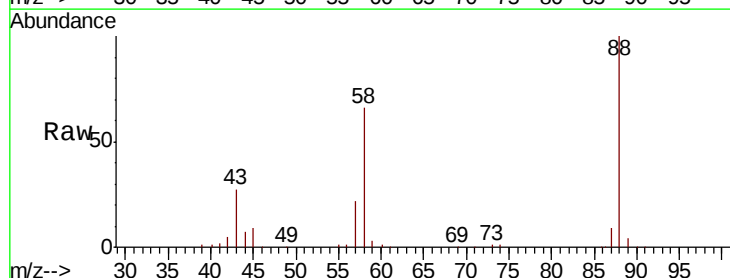
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	123.6	185.4
115	59.3	48.2	72.2

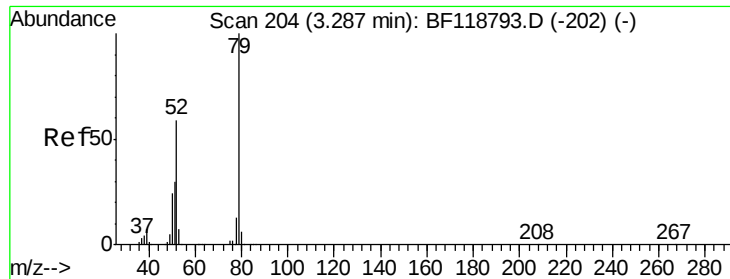


#2

1,4-Dioxane
Concen: 35.969 ng
RT: 2.70 min Scan# 105
Delta R.T. 0.16 min
Lab File: BF118856.D
Acq: 7 Feb 2020 17:50

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.3	51.6	77.4
43	0.0	19.8	29.6





#3

Pvridine

Concen: 27.903 ng

RT: 3.43 min Scan# 228

Delta R.T. 0.14 min

Lab File: BF118856.D

Acq: 7 Feb 2020 17:50

Instrument :

BNA_F

ClientSampled :

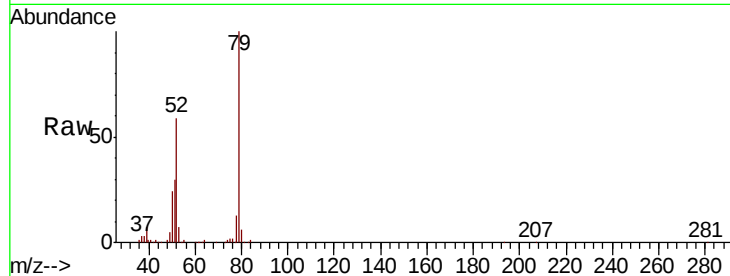
Tot Ion: 79 Resp: 452983

Ion Ratio Lower Upper

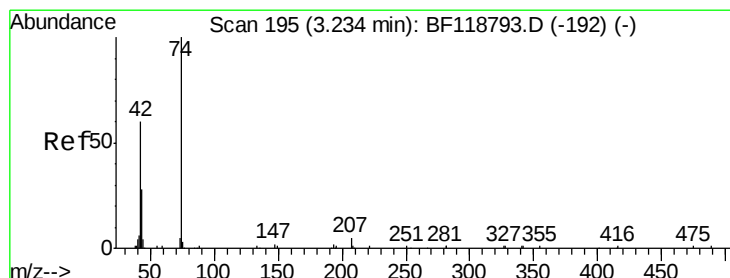
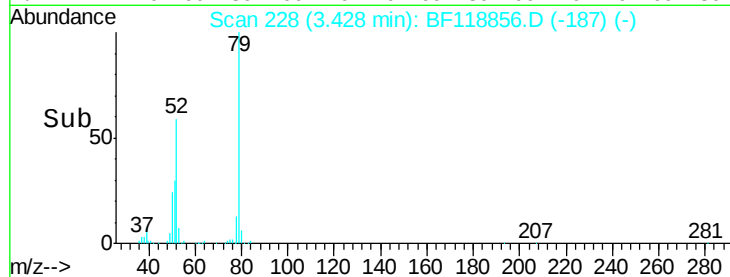
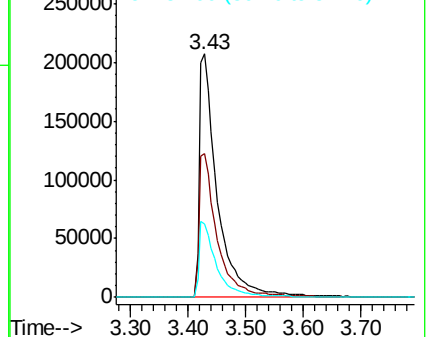
79 100

52 59.3 47.4 71.0

51 30.2 24.2 36.4



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: 43.559 ng

RT: 3.33 min Scan# 212

Delta R.T. 0.10 min

Lab File: BF118856.D

Acq: 7 Feb 2020 17:50

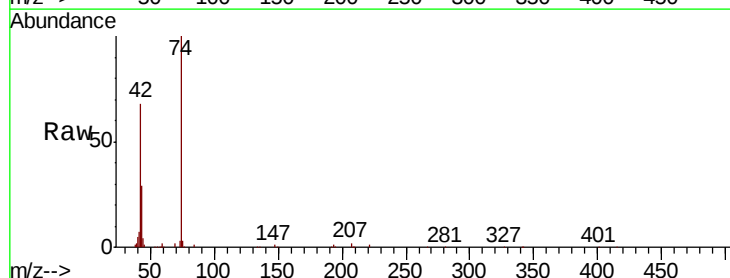
Tgt Ion: 42 Resp: 257460

Ion Ratio Lower Upper

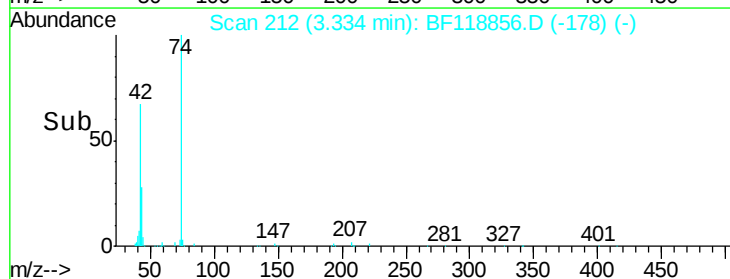
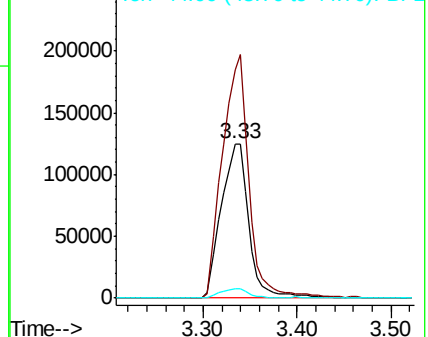
42 100

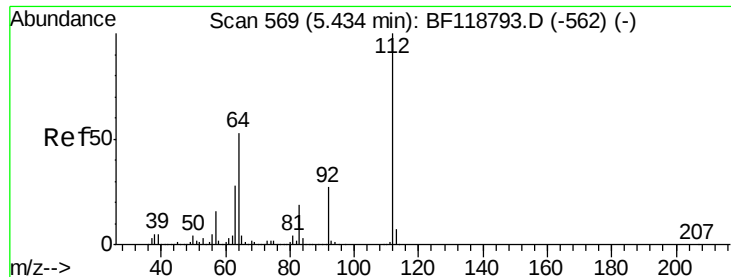
74 147.9 124.3 186.5

44 6.3 5.3 7.9



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: 121.306 ng

RT: 5.45 min Scan# 572

Delta R.T. 0.02 min

Lab File: BF118856.D

Acq: 7 Feb 2020 17:50

Instrument :

BNA_F

ClientSampleId :

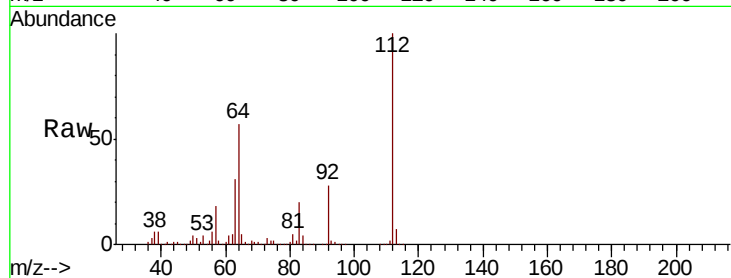
Tot Ion:112 Resp: 1556189

Ion Ratio Lower Upper

112 100

64 57.5 42.6 63.8

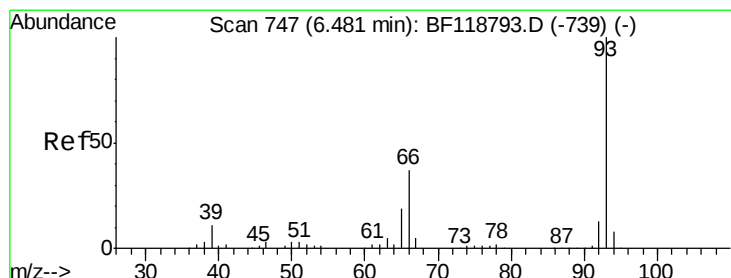
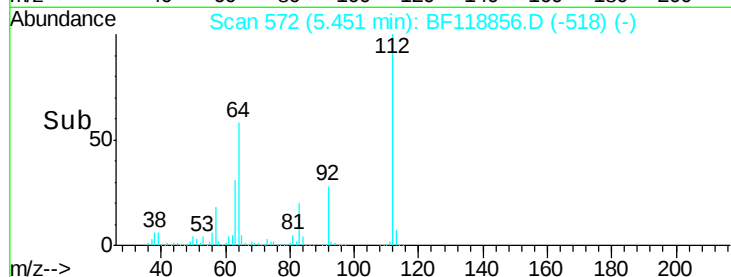
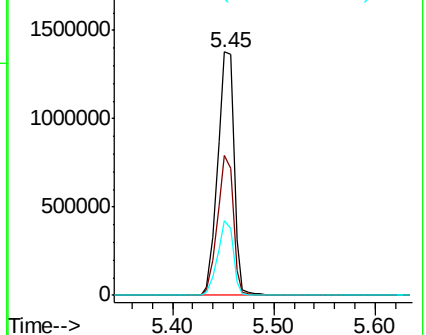
63 30.9 22.2 33.4



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: 14.755 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF118856.D

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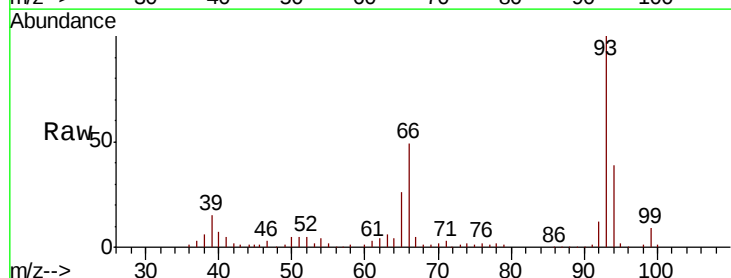
Tgt Ion: 93 Resp: 302626

Ion Ratio Lower Upper

93 100

66 48.8 30.8 46.2#

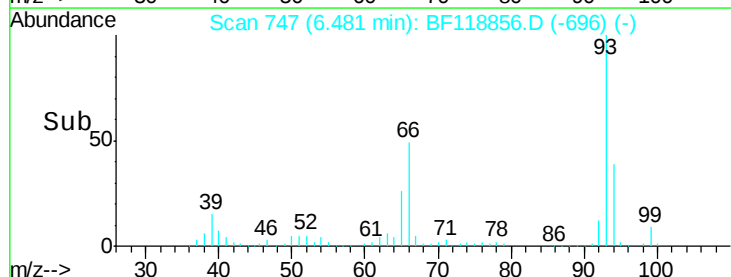
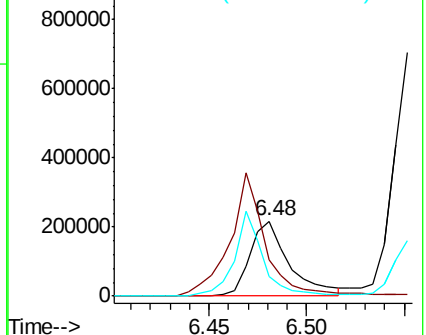
65 26.0 15.4 23.0#

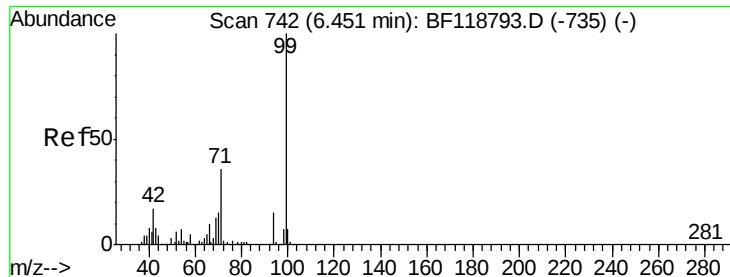


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 112.019 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF118856.D

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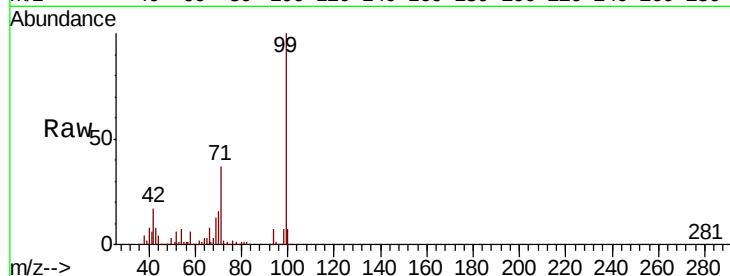
Tot Ion: 99 Resp: 1783890

Ion Ratio Lower Upper

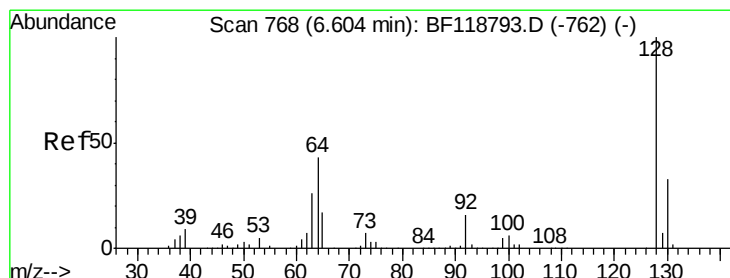
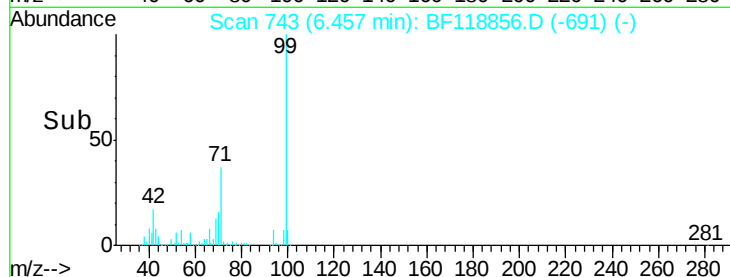
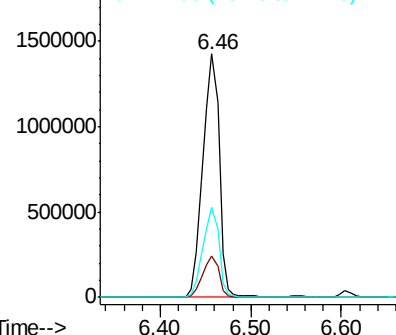
99 100

42 16.9 13.4 20.0

71 36.7 29.0 43.6



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: 49.735 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF118856.D

Acq: 7 Feb 2020 17:50

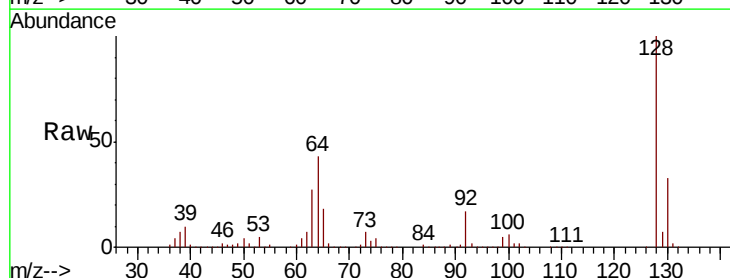
Tgt Ion:128 Resp: 710657

Ion Ratio Lower Upper

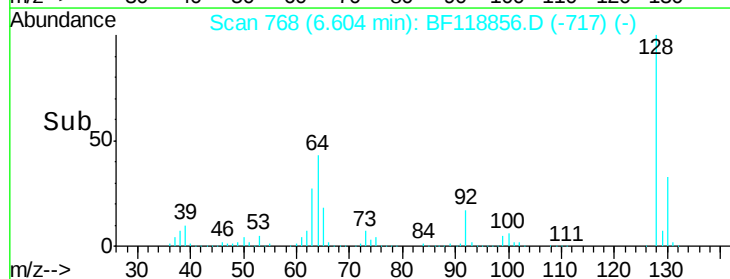
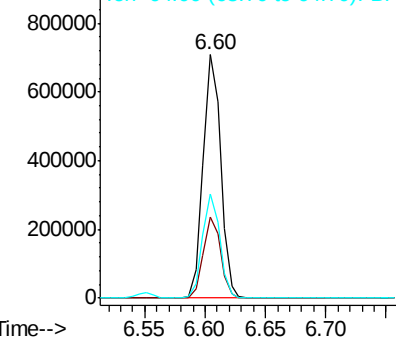
128 100

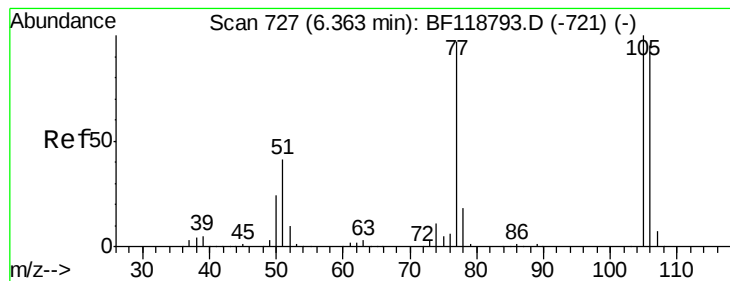
130 33.3 13.1 53.1

64 42.5 23.0 63.0



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: 22.058 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

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ClientSampleId :

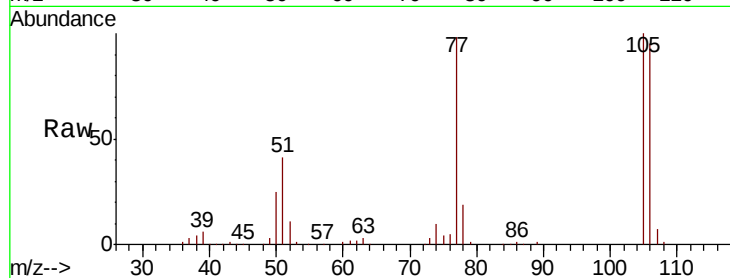
Tot Ion: 77 Resp: 236329

Ion Ratio Lower Upper

77 100

105 102.4 82.8 122.8

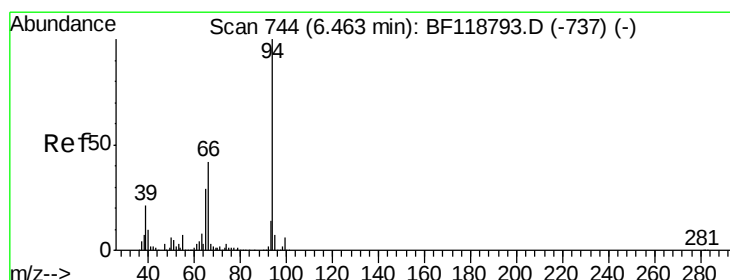
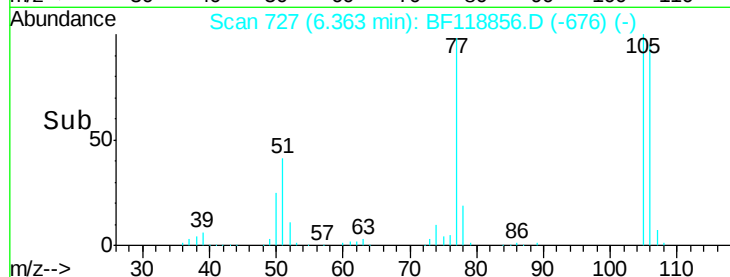
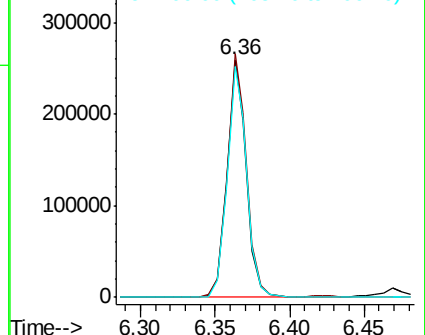
106 97.2 78.1 118.1



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 38.851 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF118856.D

Acq: 7 Feb 2020 17:50

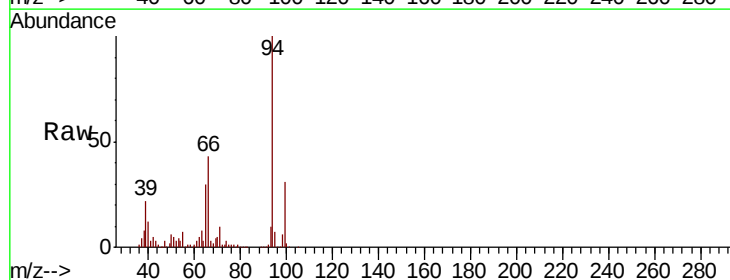
Tgt Ion: 94 Resp: 687931

Ion Ratio Lower Upper

94 100

65 29.9 9.1 49.1

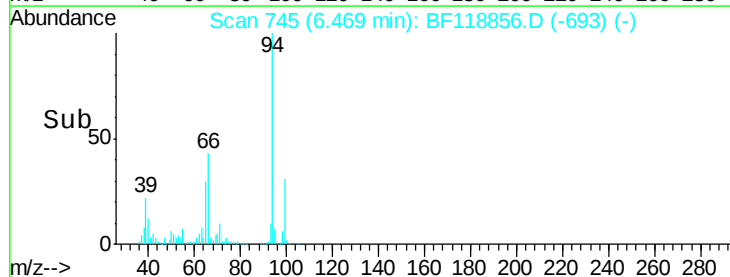
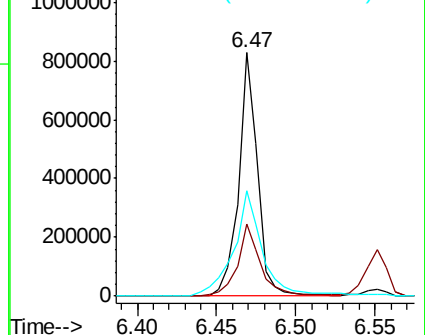
66 43.1 21.7 61.7

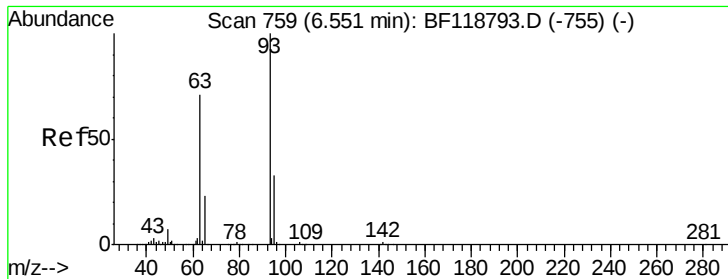


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

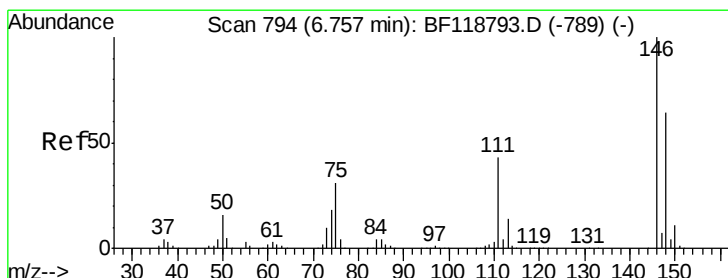
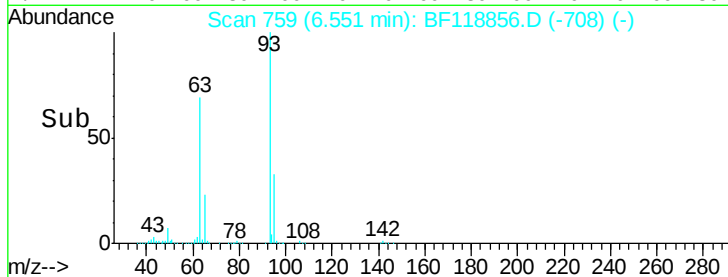
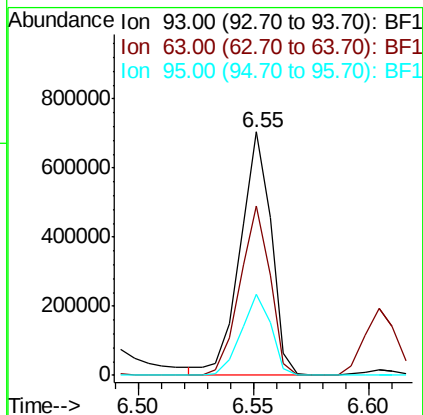
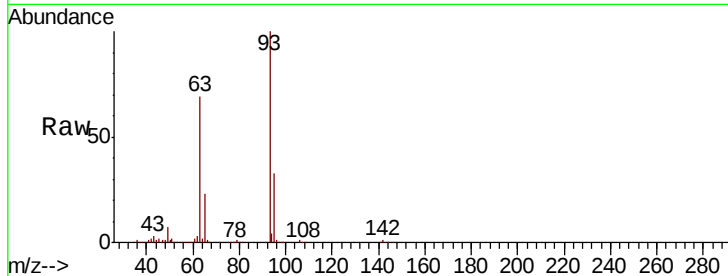




#11
bis(2-Chloroethyl)ether
Concen: 48.629 ng
RT: 6.55 min Scan# 759
Delta R.T. 0.00 min
Lab File: BF118856.D
Acq: 7 Feb 2020 17:50

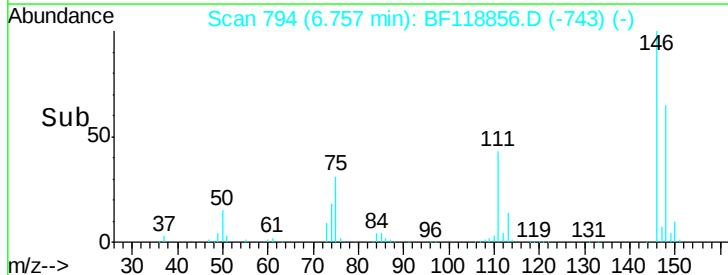
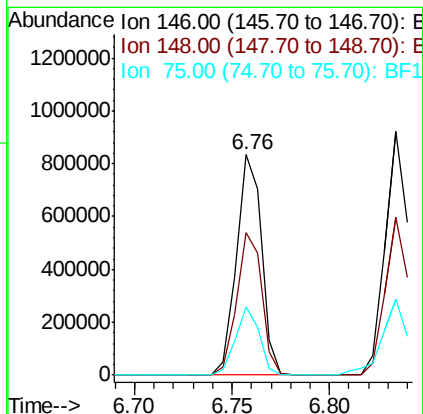
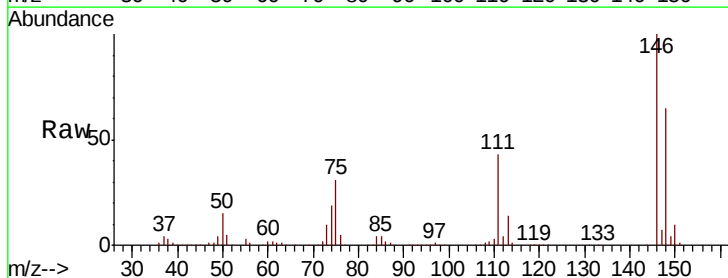
Instrument :
BNA_F
ClientSampleId :

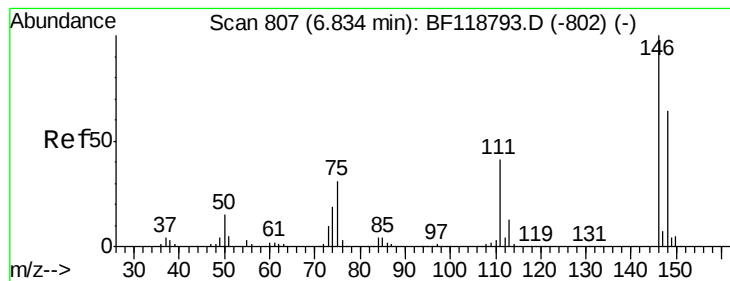
Tot Ion: 93 Resp: 658775
Ion Ratio Lower Upper
93 100
63 69.5 50.7 90.7
95 33.3 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 43.669 ng
RT: 6.76 min Scan# 794
Delta R.T. 0.00 min
Lab File: BF118856.D
Acq: 7 Feb 2020 17:50

Tgt Ion: 146 Resp: 742735
Ion Ratio Lower Upper
146 100
148 64.5 51.1 76.7
75 31.0 25.0 37.4





#13

1,4-Dichlorobenzene

Concen: 44.295 ng

RT: 6.83 min Scan# 807

Delta R.T. 0.00 min

Lab File: BF118856.D

Acq: 7 Feb 2020 17:50

Instrument :

BNA_F

ClientSampleId :

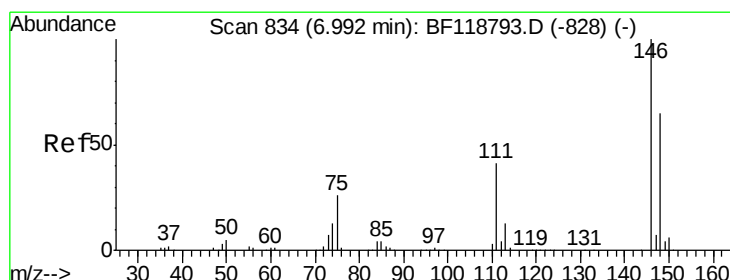
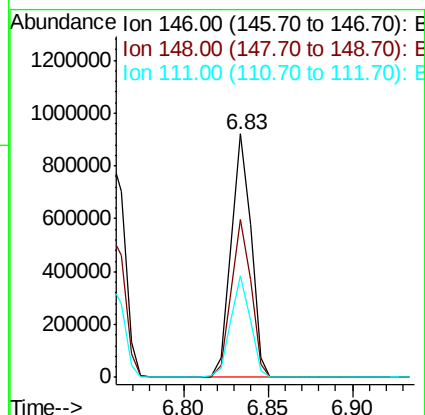
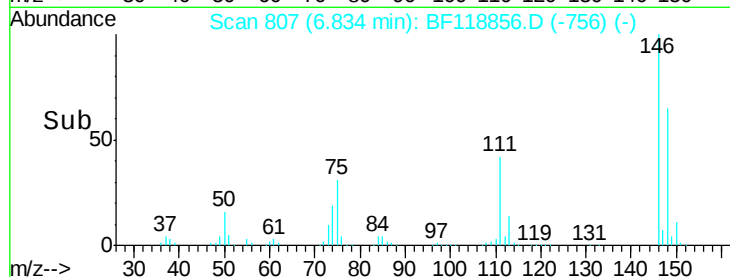
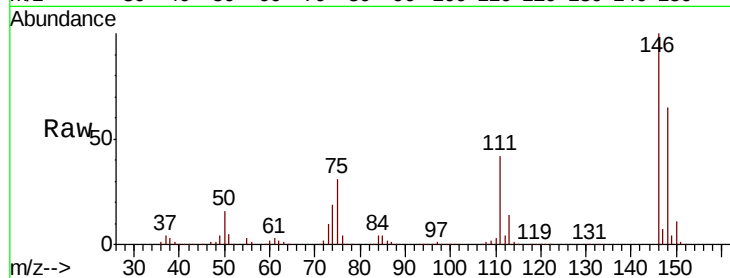
Tot Ion:146 Resp: 751491

Ion Ratio Lower Upper

146 100

148 64.9 51.6 77.4

111 41.6 32.9 49.3



#14

1,2-Dichlorobenzene

Concen: 43.275 ng

RT: 6.99 min Scan# 834

Delta R.T. 0.00 min

Lab File: BF118856.D

Acq: 7 Feb 2020 17:50

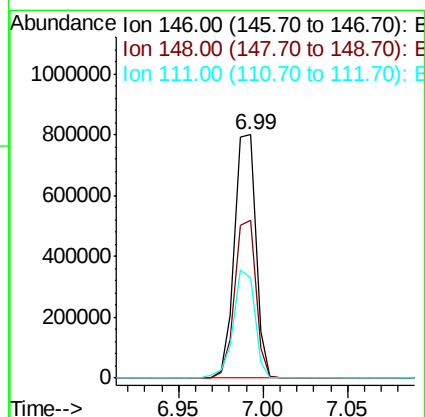
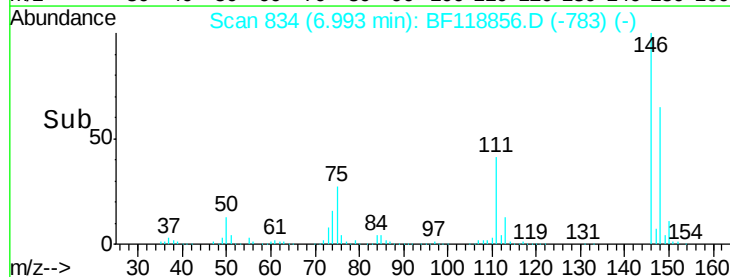
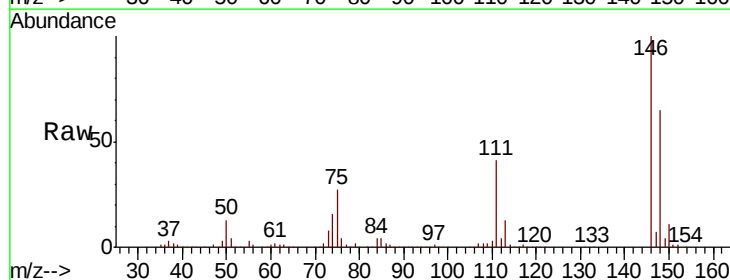
Tgt Ion:146 Resp: 701339

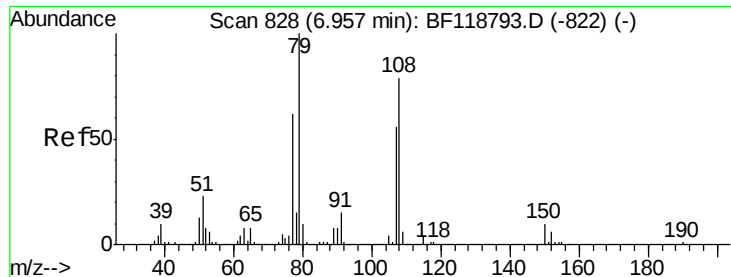
Ion Ratio Lower Upper

146 100

148 65.0 51.6 77.4

111 40.9 32.7 49.1





#15

Benzyl Alcohol

Concen: 48.469 ng

RT: 6.96 min Scan# 829

Delta R.T. 0.01 min

Lab File: BF118856.D

Acq: 7 Feb 2020 17:50

Instrument :

BNA_F

ClientSampleId :

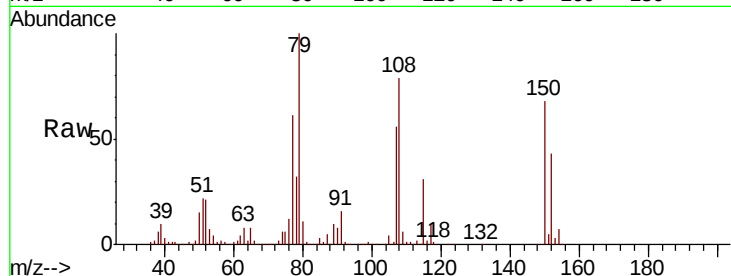
Tot Ion: 79 Resp: 596625

Ion Ratio Lower Upper

79 100

108 78.6 62.9 94.3

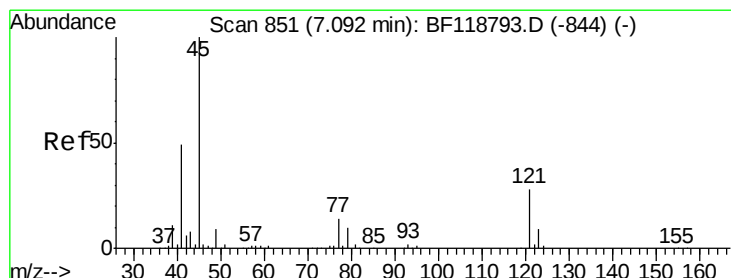
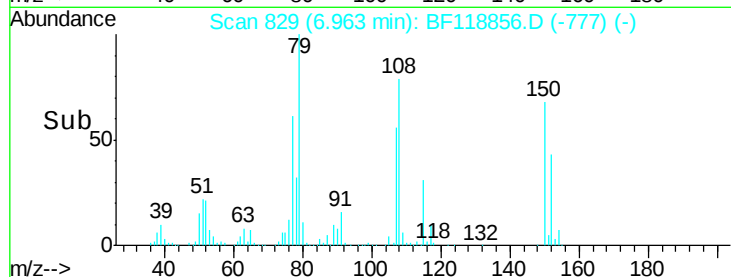
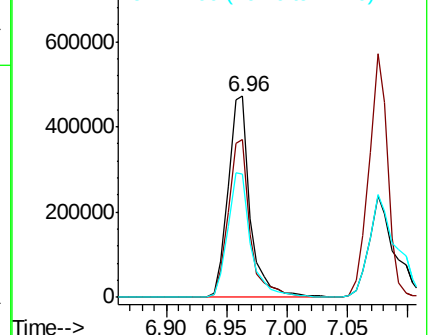
77 61.4 50.0 75.0



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: 43.812 ng

RT: 7.09 min Scan# 851

Delta R.T. 0.00 min

Lab File: BF118856.D

Acq: 7 Feb 2020 17:50

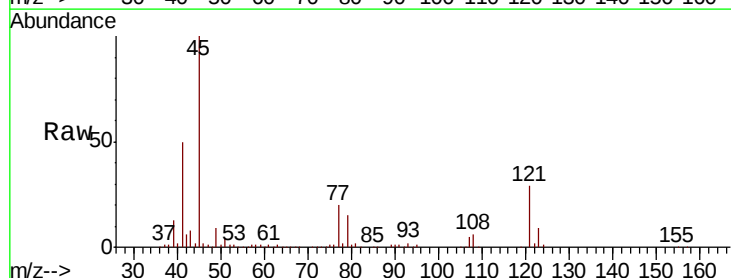
Tgt Ion: 45 Resp: 726832

Ion Ratio Lower Upper

45 100

77 19.6 0.0 37.1

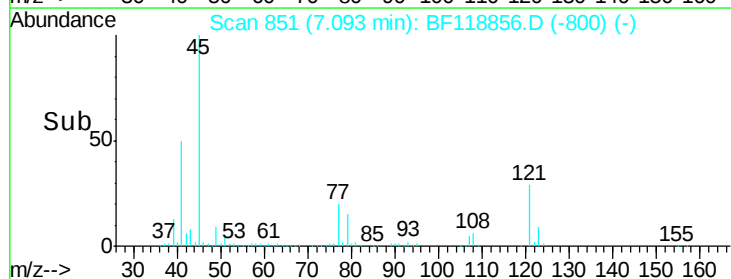
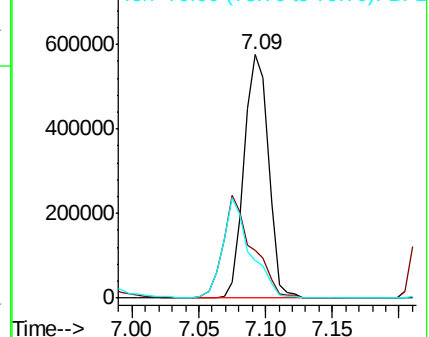
79 15.3 0.0 33.1

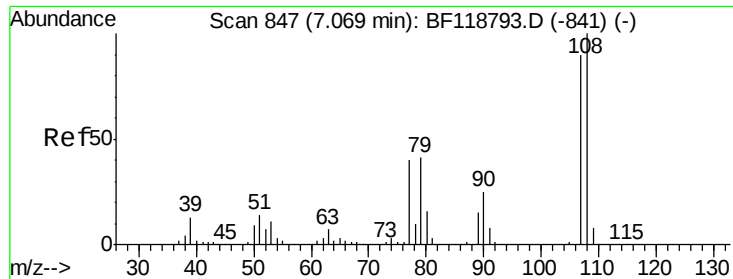


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

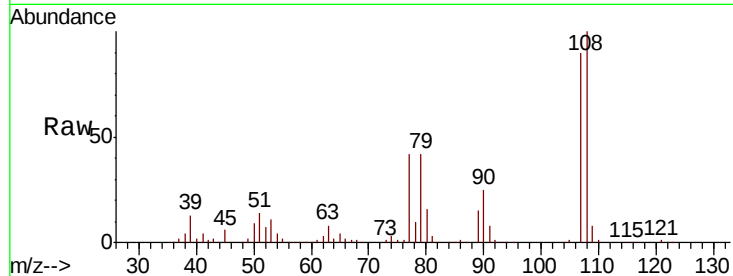




#17
2-Methylphenol
Concen: 46.810 ng
RT: 7.07 min Scan# 848
Delta R.T. 0.01 min
Lab File: BF118856.D
Acq: 7 Feb 2020 17:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.4	89.3	133.9
77	47.2	36.2	54.2
79	46.5	36.3	54.5



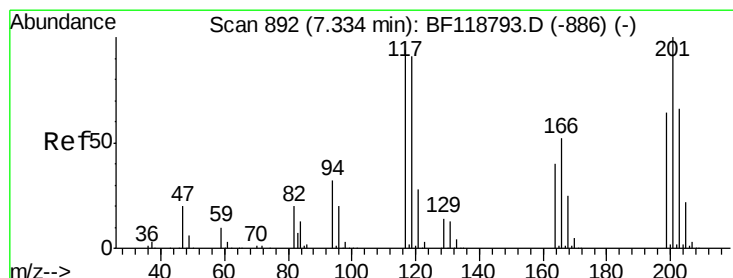
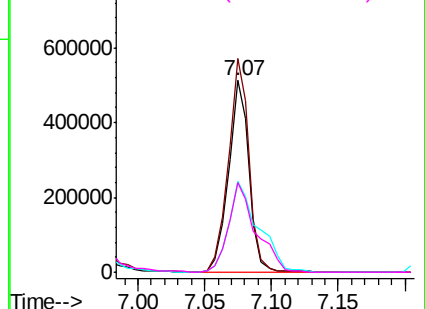
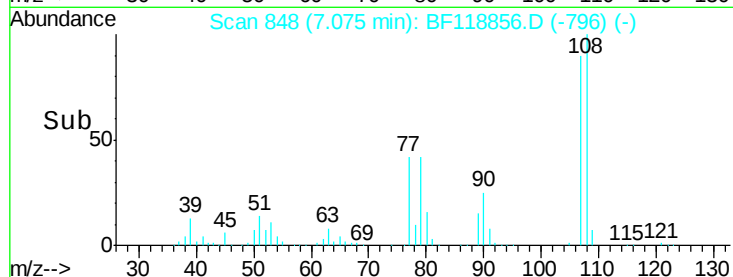
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

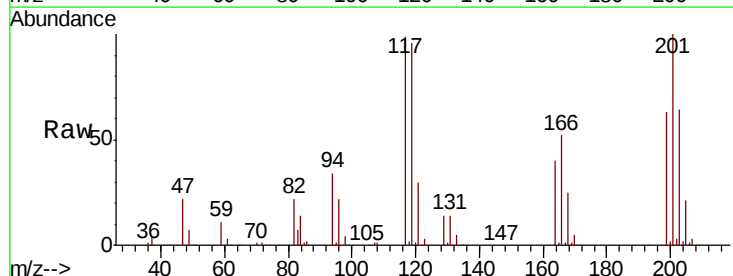
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 41.824 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF118856.D
Acq: 7 Feb 2020 17:50

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.7	77.4	116.0
201	101.2	85.1	127.7

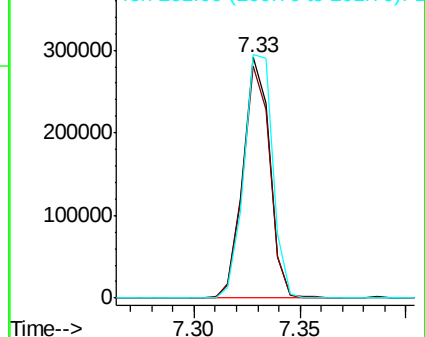
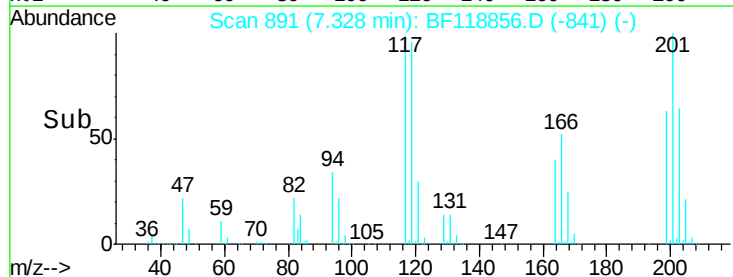


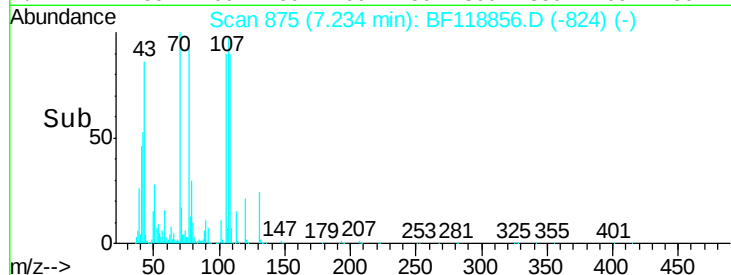
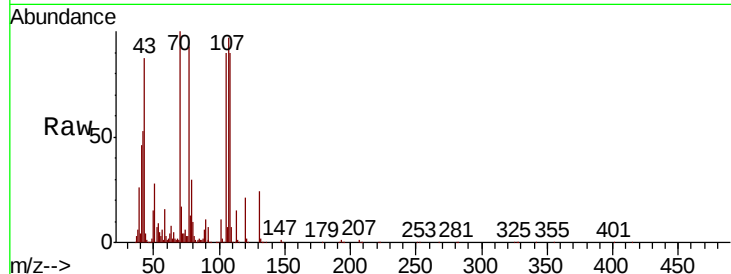
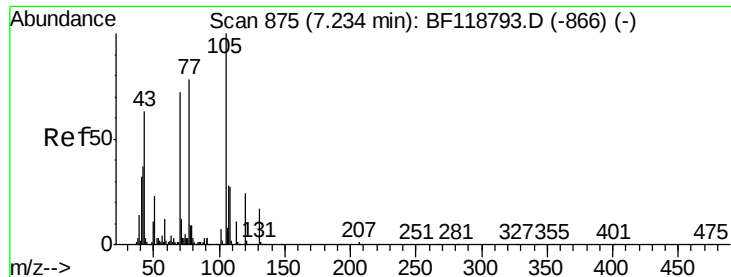
Abundance

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

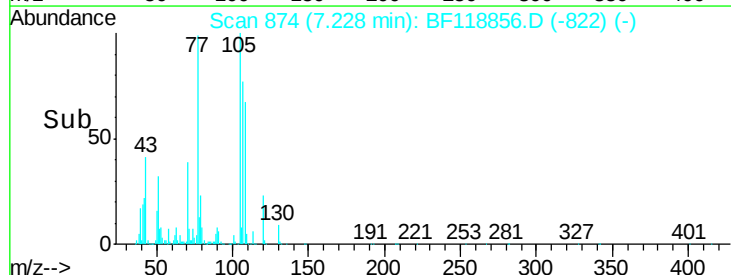
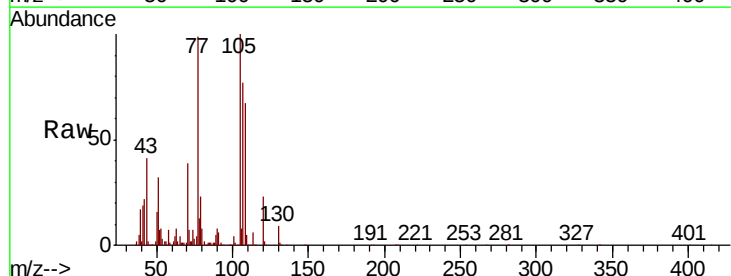
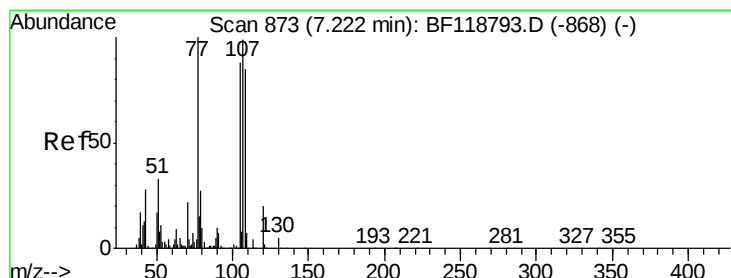
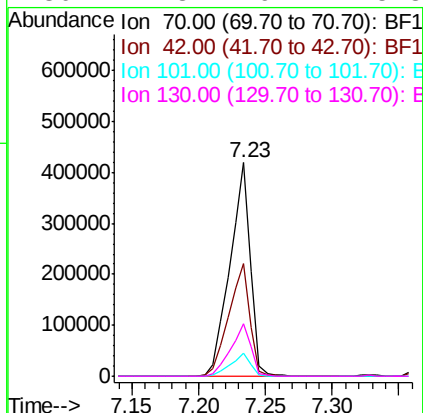




#19
n-Nitroso-di-n-propylamine
Concen: 46.646 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF118856.D
Acq: 7 Feb 2020 17:50

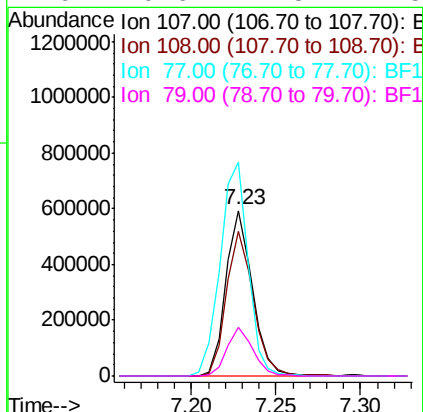
Instrument :
BNA_F
ClientSampleId :

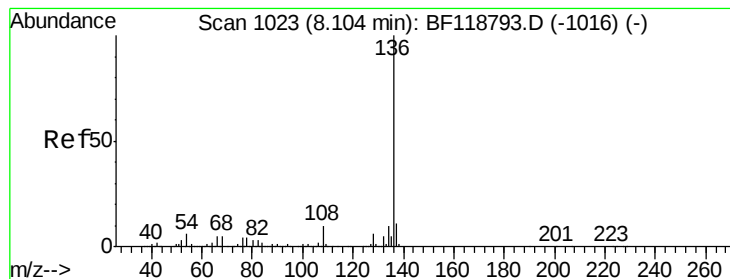
Tot Ion:	70	Resp:	454510
Ion	Ratio	Lower	Upper
70	100		
42	53.0	41.5	62.3
101	10.6	8.3	12.5
130	24.3	19.2	28.8



#20
3+4-Methylphenols
Concen: 43.612 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.01 min
Lab File: BF118856.D
Acq: 7 Feb 2020 17:50

Tgt Ion:	107	Resp:	649408
Ion	Ratio	Lower	Upper
107	100		
108	87.8	65.9	105.9
77	129.2	80.9	120.9#
79	29.6	7.5	47.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF118856.D

Acq: 7 Feb 2020 17:50

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 928853

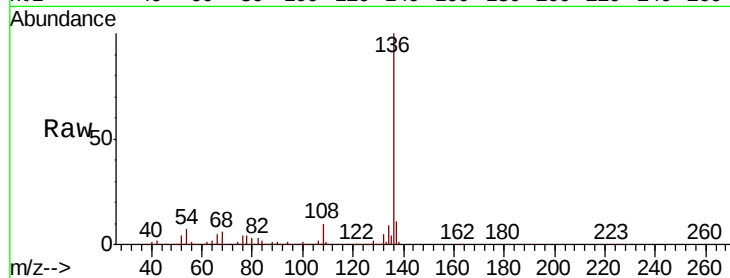
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 6.7 5.0 7.6

68 5.6 4.2 6.4

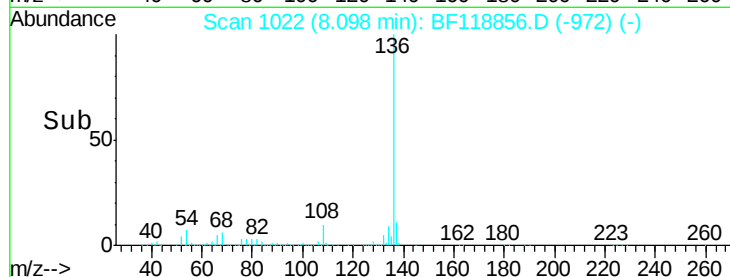


Abundance Ion 136.00 (135.70 to 136.70): E

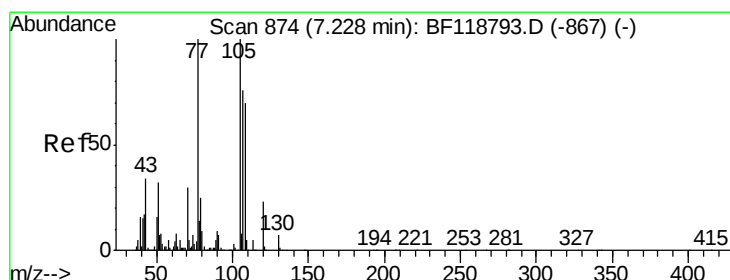
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time--> 8.00 8.10 8.20



#22

Acetophenone

Concen: 44.820 ng

RT: 7.23 min Scan# 874

Delta R.T. 0.00 min

Lab File: BF118856.D

Acq: 7 Feb 2020 17:50

Tgt Ion:105 Resp: 904487

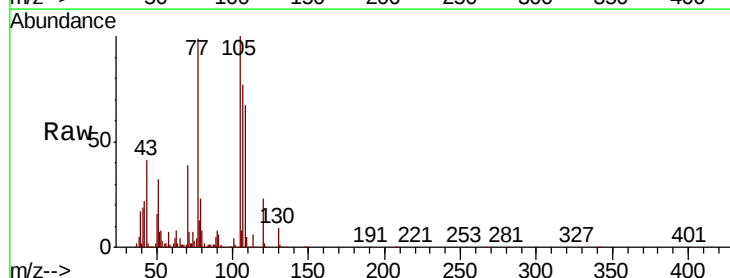
Ion Ratio Lower Upper

105 100

71 6.9 4.2 6.4#

51 31.6 25.5 38.3

120 23.0 18.6 28.0

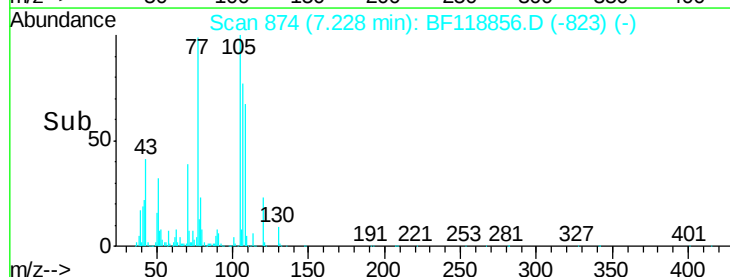


Abundance Ion 105.00 (104.70 to 105.70): E

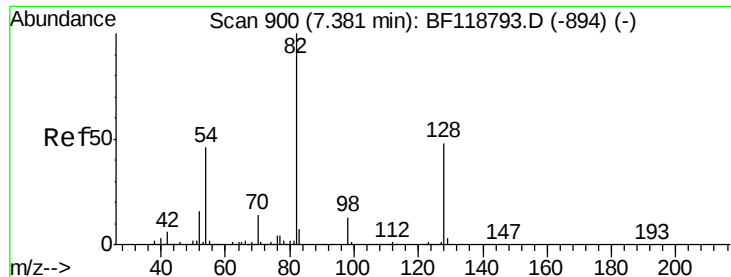
Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



Time--> 7.15 7.20 7.25 7.30 7.35



#23

Nitrobenzene-d5

Concen: 88.831 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.00 min

Lab File: BF118856.D

Acq: 7 Feb 2020 17:50

Instrument :

BNA_F

ClientSampleId :

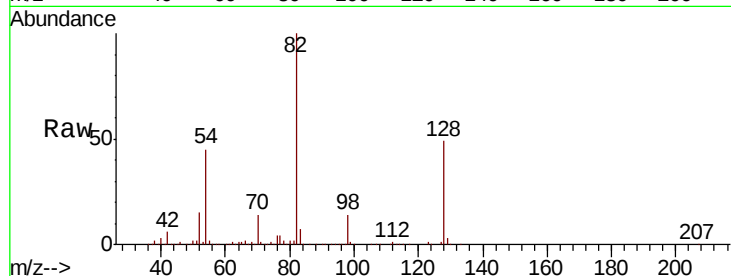
Tot Ion: 82 Resp: 1384303

Ion Ratio Lower Upper

82 100

128 48.5 38.5 57.7

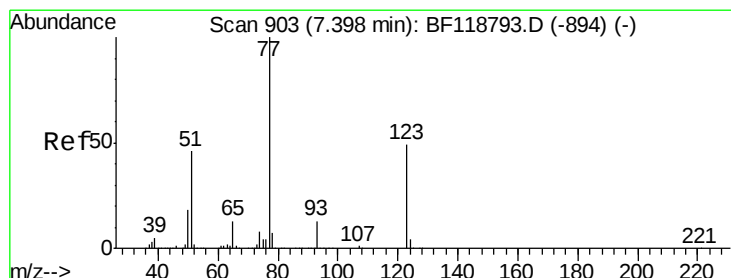
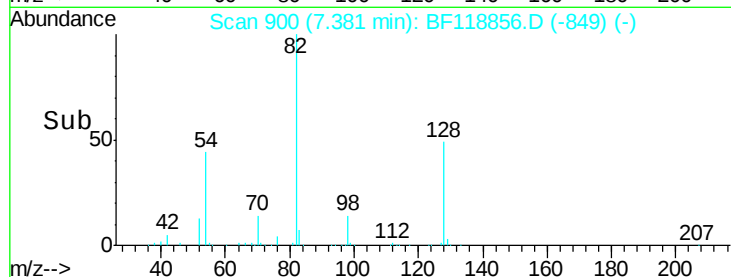
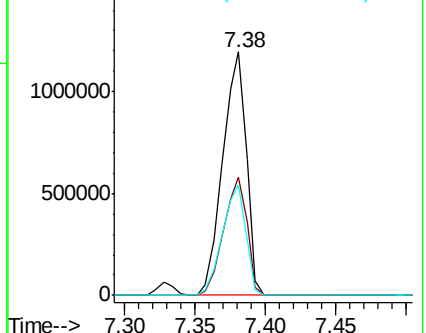
54 45.2 36.7 55.1



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: 46.410 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.00 min

Lab File: BF118856.D

Acq: 7 Feb 2020 17:50

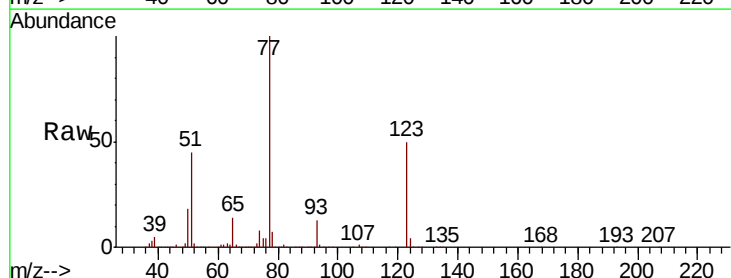
Tgt Ion: 77 Resp: 722496

Ion Ratio Lower Upper

77 100

123 49.9 39.0 58.4

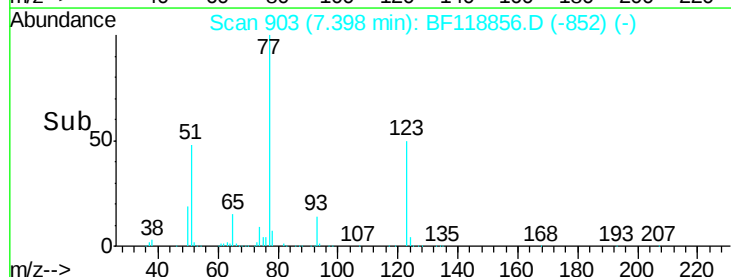
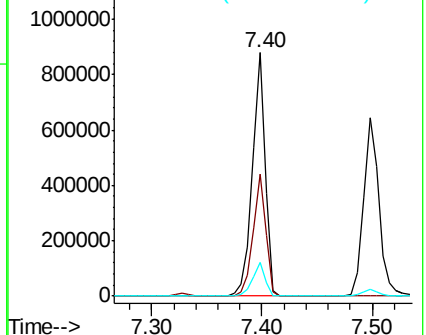
65 13.6 10.6 15.8

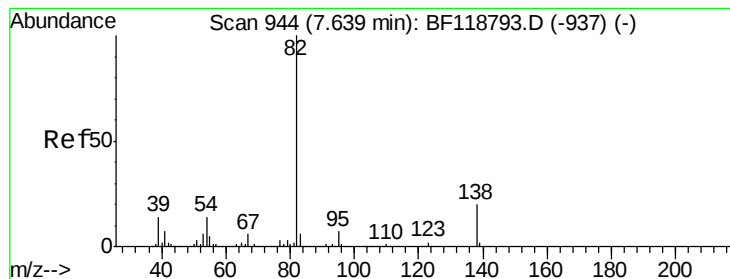


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 46.058 ng

RT: 7.64 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF118856.D

Acq: 7 Feb 2020 17:50

Instrument :

BNA_F

ClientSampleId :

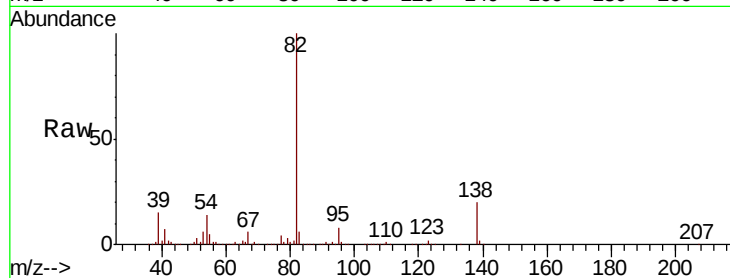
Tot Ion: 82 Resp: 1289948

Ion Ratio Lower Upper

82 100

95 7.9 6.0 9.0

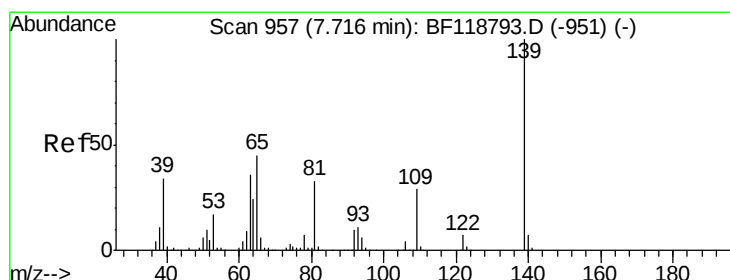
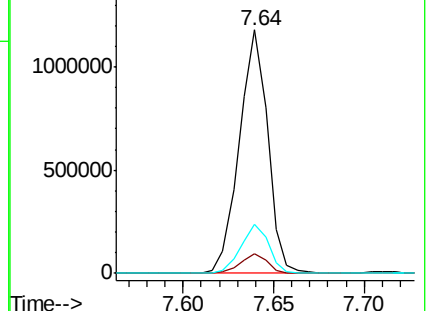
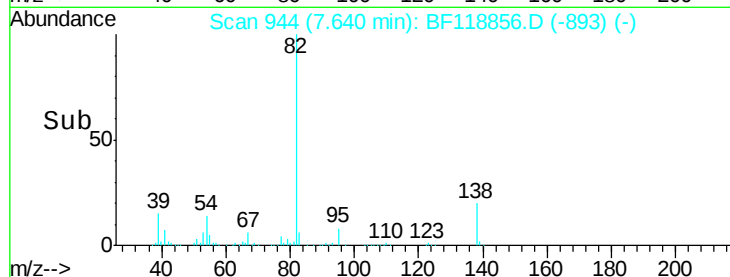
138 20.2 15.7 23.5



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 47.332 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF118856.D

Acq: 7 Feb 2020 17:50

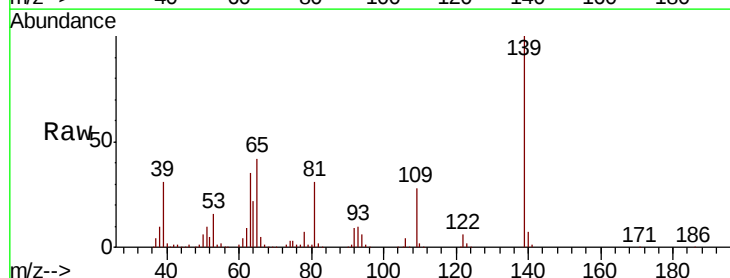
Tgt Ion: 139 Resp: 392645

Ion Ratio Lower Upper

139 100

109 28.2 23.4 35.0

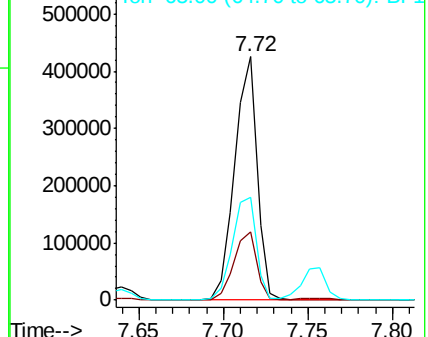
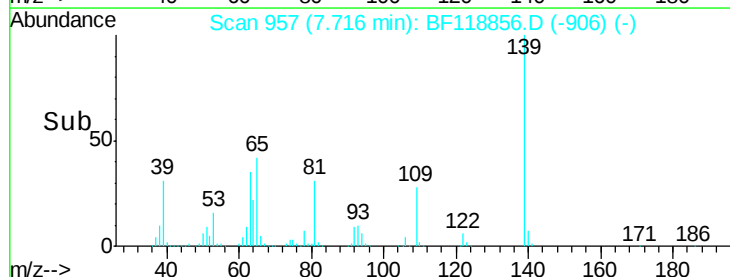
65 42.1 36.2 54.2

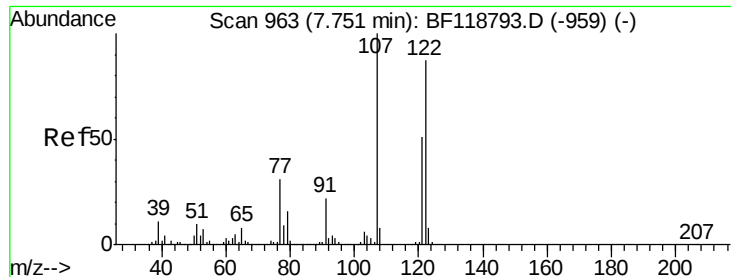


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

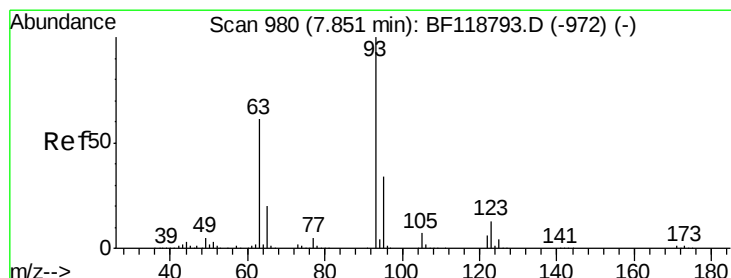
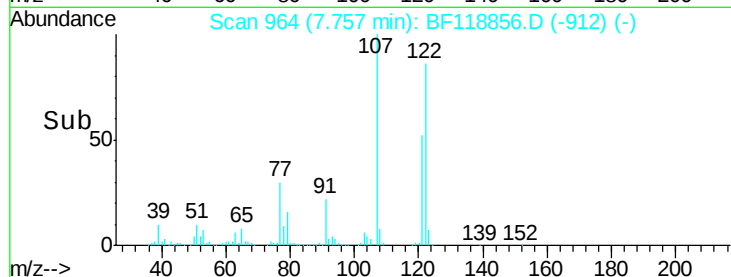
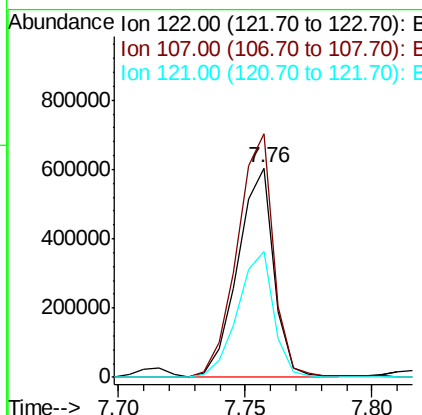
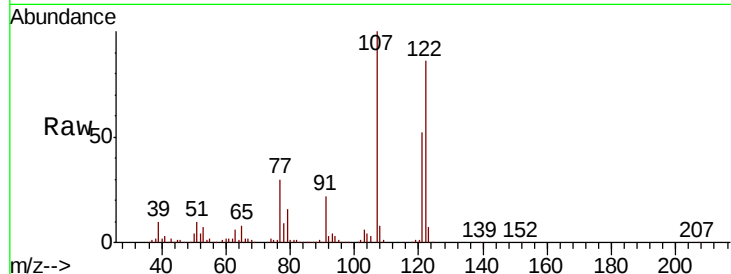




#27
 2,4-Dimethylphenol
 Concen: 53.172 ng
 RT: 7.76 min Scan# 964
 Delta R.T. 0.01 min
 Lab File: BF118856.D
 Acq: 7 Feb 2020 17:50

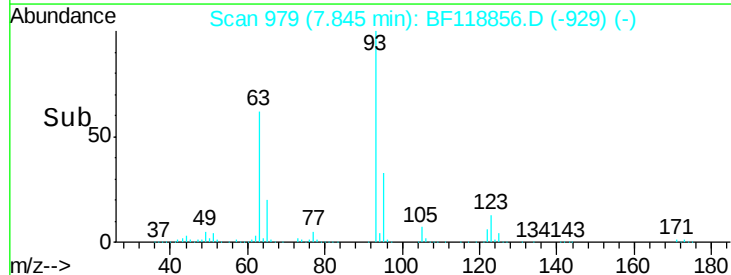
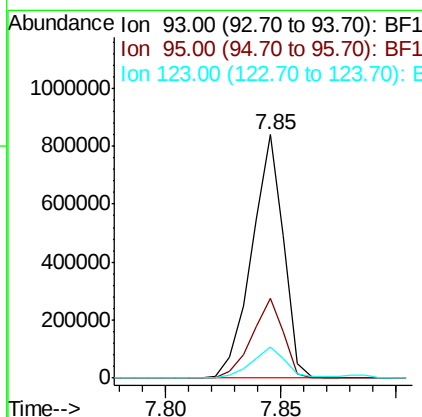
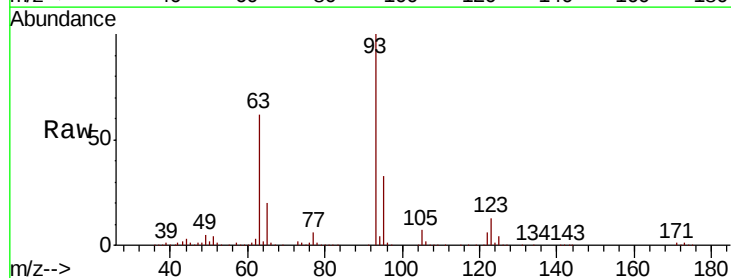
Instrument :
 BNA_F
 ClientSampleId :

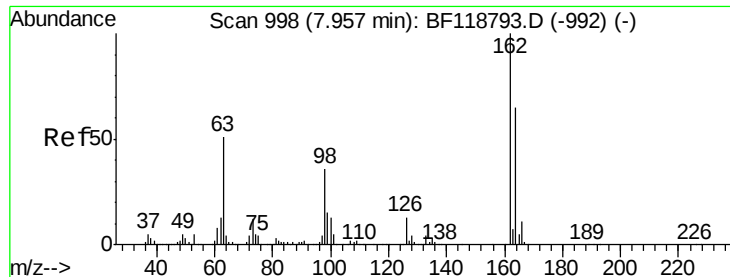
Tot Ion:122 Resp: 599179
 Ion Ratio Lower Upper
 122 100
 107 116.2 92.2 138.2
 121 60.3 46.8 70.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.048 ng
 RT: 7.85 min Scan# 979
 Delta R.T. -0.01 min
 Lab File: BF118856.D
 Acq: 7 Feb 2020 17:50

Tgt Ion: 93 Resp: 799953
 Ion Ratio Lower Upper
 93 100
 95 33.0 27.0 40.4
 123 12.7 10.6 15.8

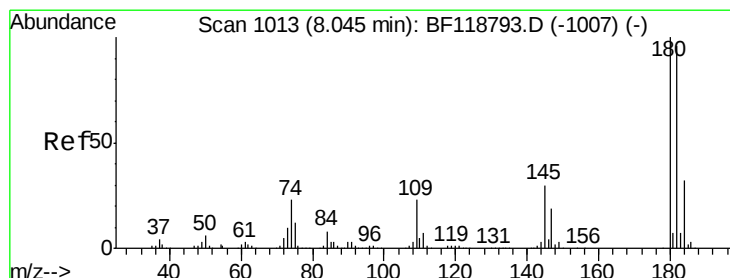
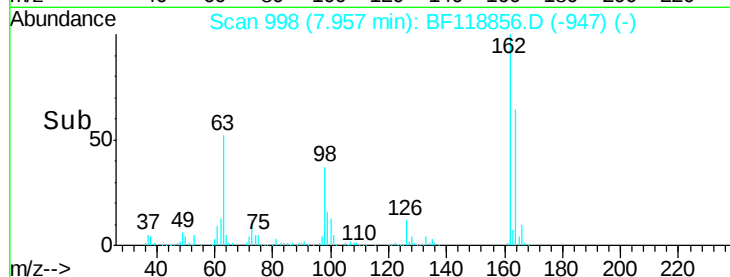
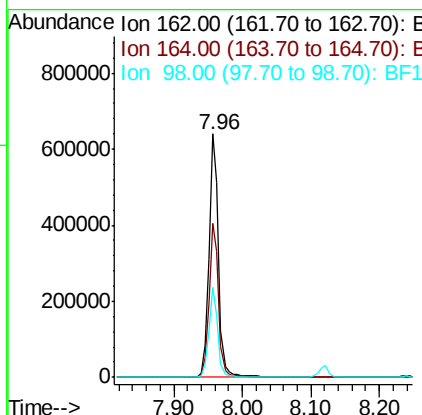
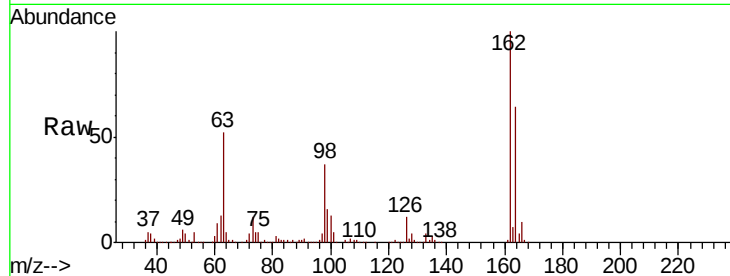




#29
 2,4-Dichlorophenol
 Concen: 46.582 ng
 RT: 7.96 min Scan# 998
 Delta R.T. 0.00 min
 Lab File: BF118856.D
 Acq: 7 Feb 2020 17:50

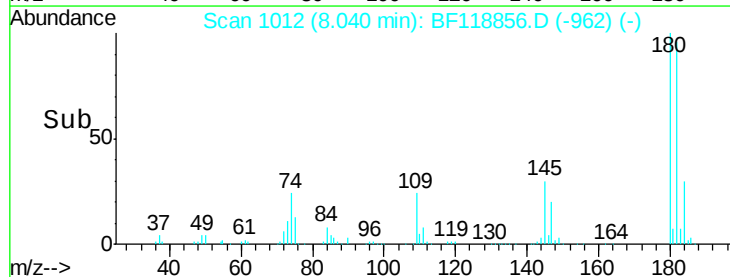
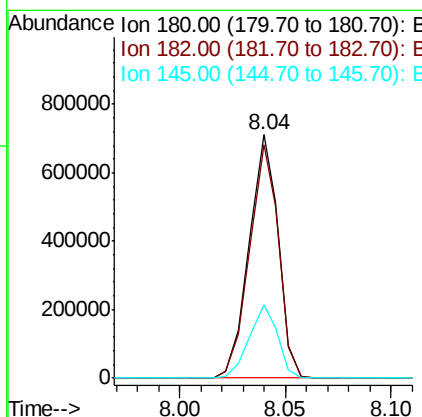
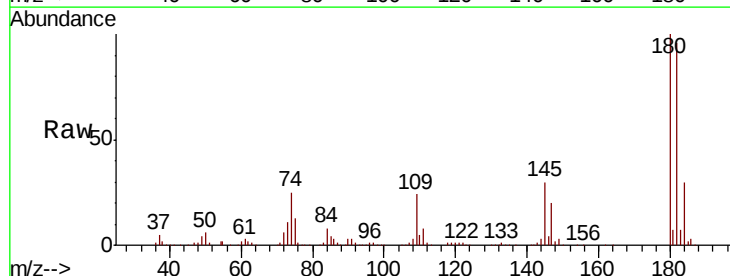
Instrument :
 BNA_F
 ClientSampleId :

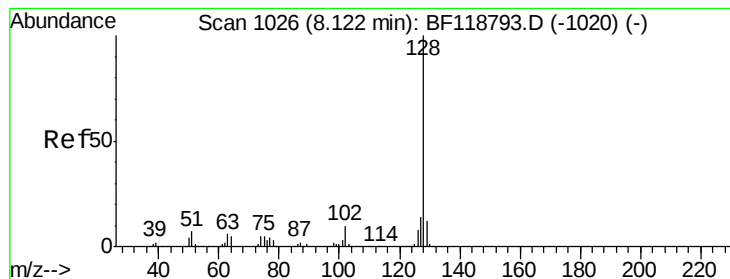
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.5	44.8	84.8
98	37.1	16.4	56.4



#30
 1,2,4-Trichlorobenzene
 Concen: 43.188 ng
 RT: 8.04 min Scan# 1012
 Delta R.T. -0.01 min
 Lab File: BF118856.D
 Acq: 7 Feb 2020 17:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	76.6	115.0
145	30.2	24.0	36.0





#31

Naphthalene

Concen: 46.384 ng

RT: 8.12 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BF118856.D

Acq: 7 Feb 2020 17:50

Instrument :

BNA_F

ClientSampleId :

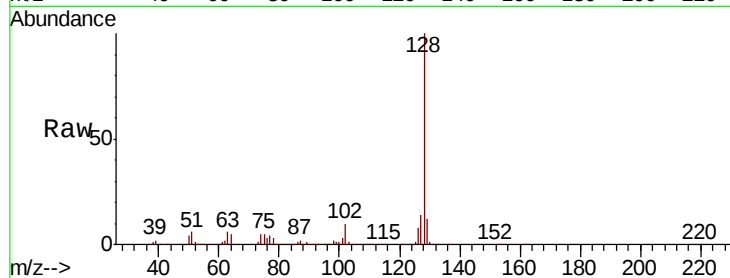
Tot Ion:128 Resp: 1970469

Ion Ratio Lower Upper

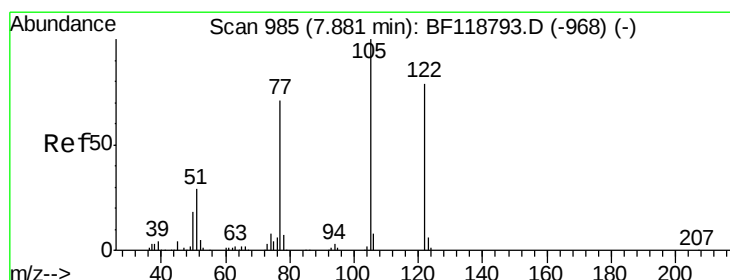
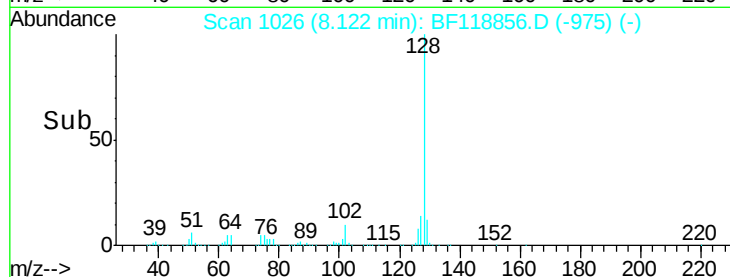
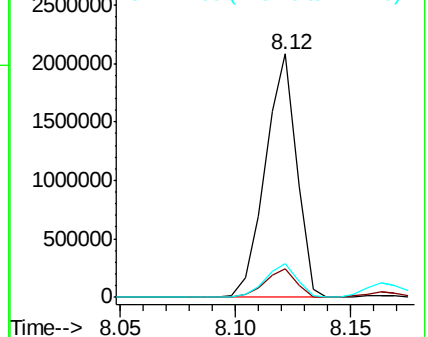
128 100

129 11.5 9.4 14.2

127 14.0 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: 37.368 ng

RT: 7.89 min Scan# 986

Delta R.T. 0.01 min

Lab File: BF118856.D

Acq: 7 Feb 2020 17:50

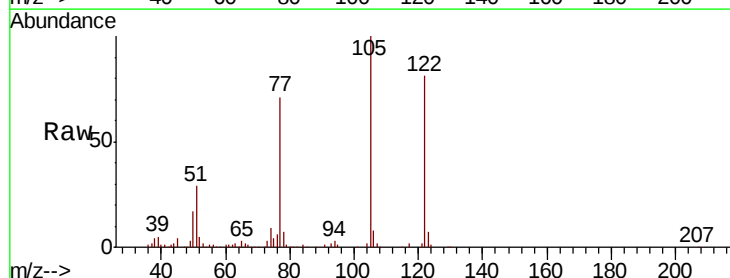
Tgt Ion:122 Resp: 348637

Ion Ratio Lower Upper

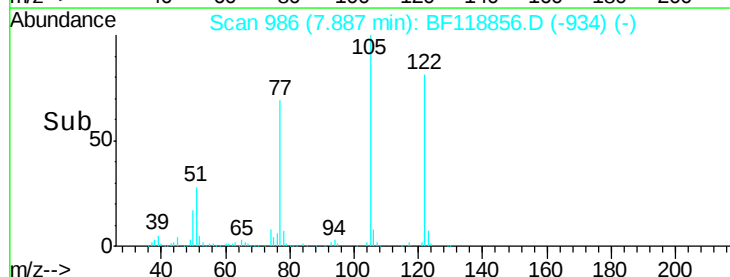
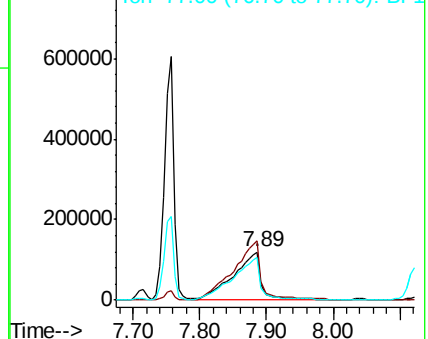
122 100

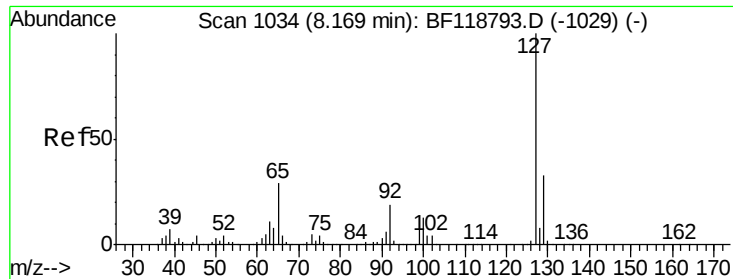
105 123.8 104.4 144.4

77 87.5 69.3 109.3



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

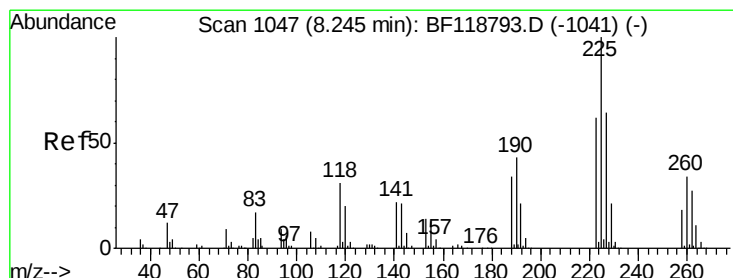
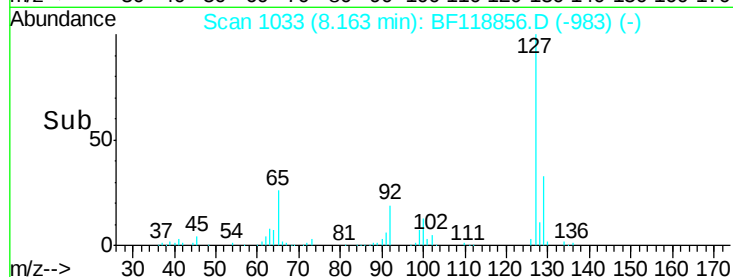
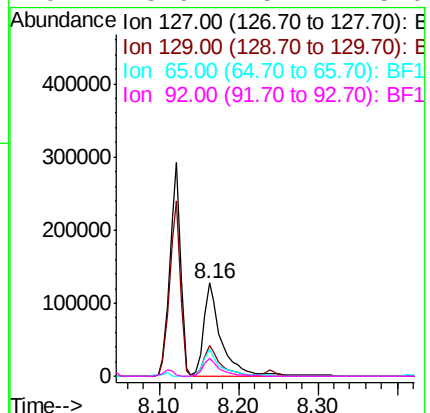
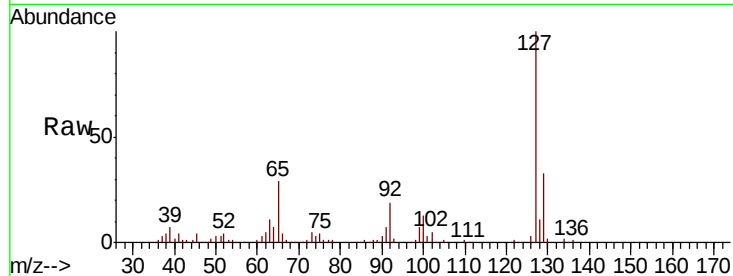




#33
4-Chloroaniline
Concen: 10.407 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF118856.D
Acq: 7 Feb 2020 17:50

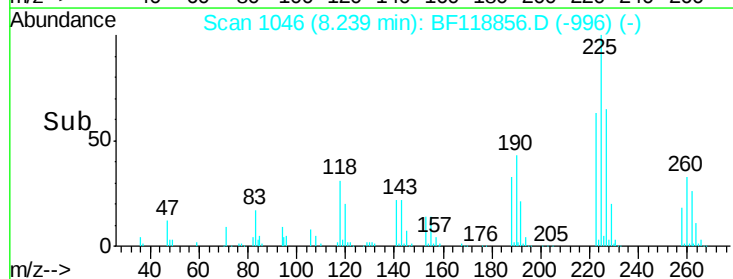
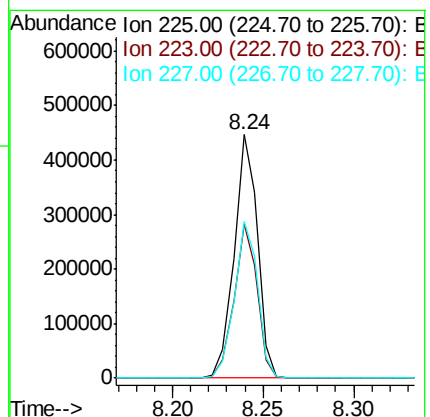
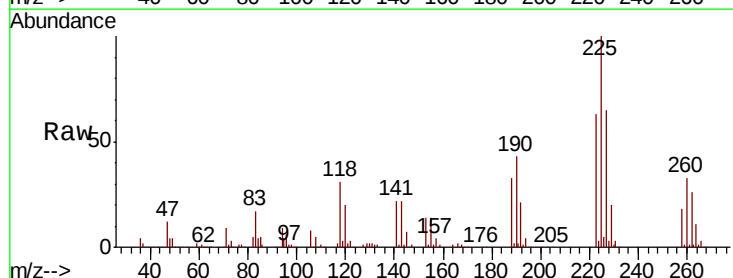
Instrument :
BNA_F
ClientSampleId :

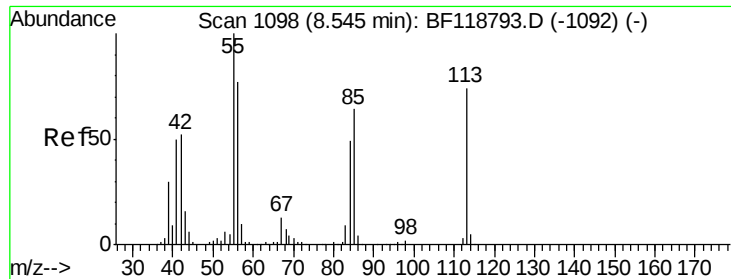
Tot Ion:127 Resp: 197794
Ion Ratio Lower Upper
127 100
129 33.3 26.7 40.1
65 28.5 22.9 34.3
92 18.9 15.4 23.0



#34
Hexachlorobutadiene
Concen: 41.287 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF118856.D
Acq: 7 Feb 2020 17:50

Tgt Ion:225 Resp: 398996
Ion Ratio Lower Upper
225 100
223 63.1 49.8 74.8
227 64.5 51.0 76.4

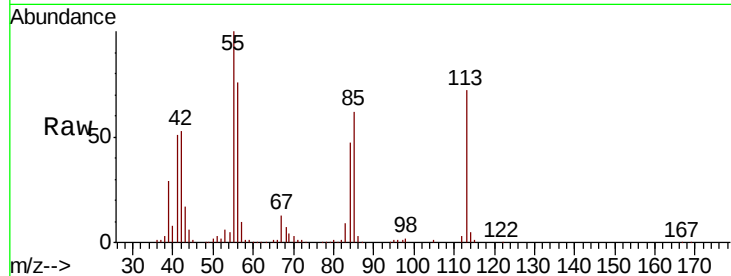




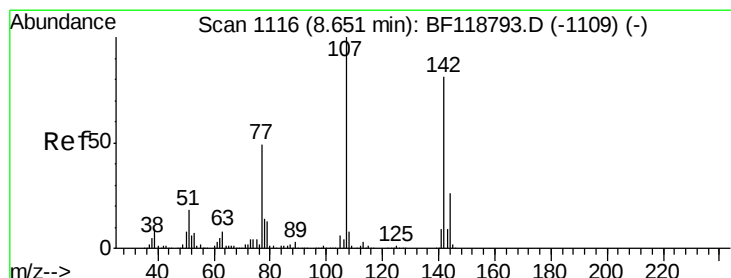
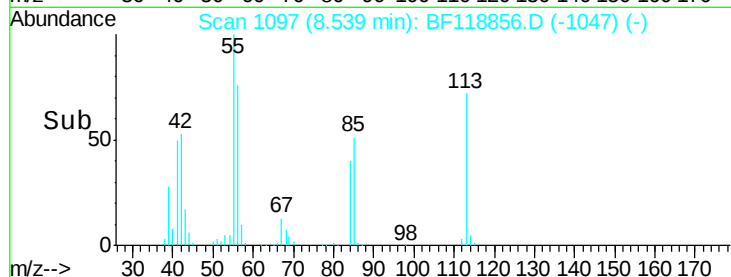
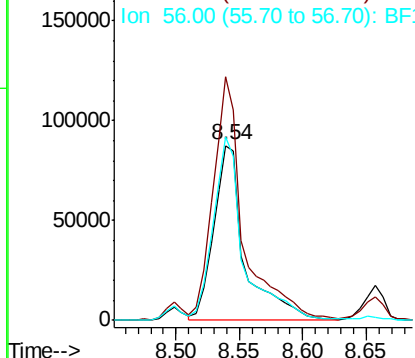
#35
Caprolactam
Concen: 34.677 ng
RT: 8.54 min Scan# 1097
Delta R.T. -0.01 min
Lab File: BF118856.D
Acq: 7 Feb 2020 17:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 151705
Ion Ratio Lower Upper
113 100
55 139.4 115.5 155.5
56 105.4 83.7 123.7

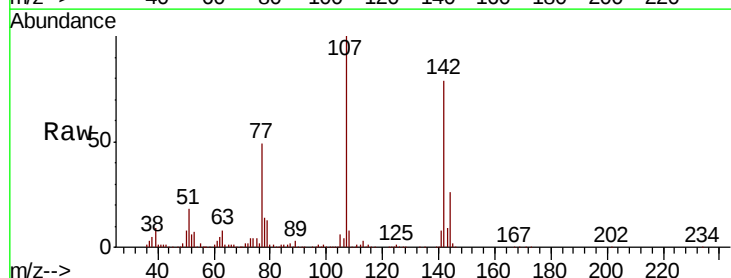


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

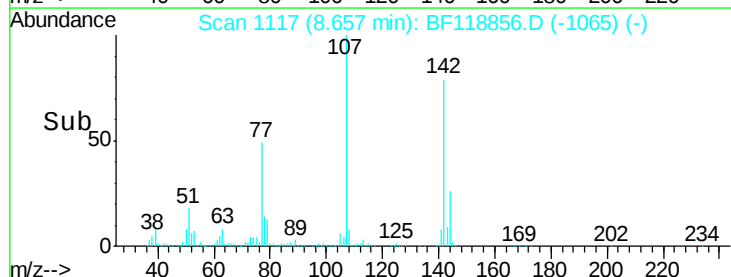
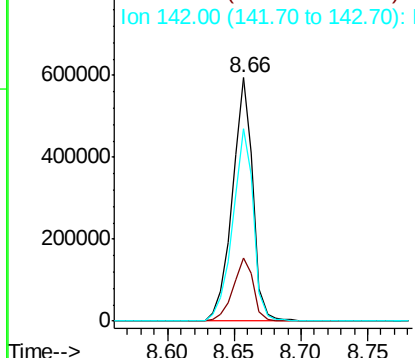


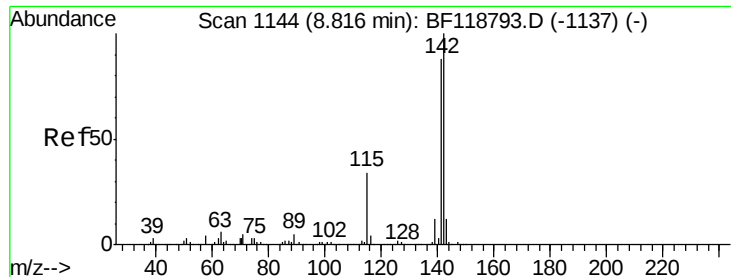
#36
4-Chloro-3-methylphenol
Concen: 47.215 ng
RT: 8.66 min Scan# 1117
Delta R.T. 0.01 min
Lab File: BF118856.D
Acq: 7 Feb 2020 17:50

Tgt Ion:107 Resp: 641224
Ion Ratio Lower Upper
107 100
144 25.8 21.0 31.6
142 79.1 64.8 97.2



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

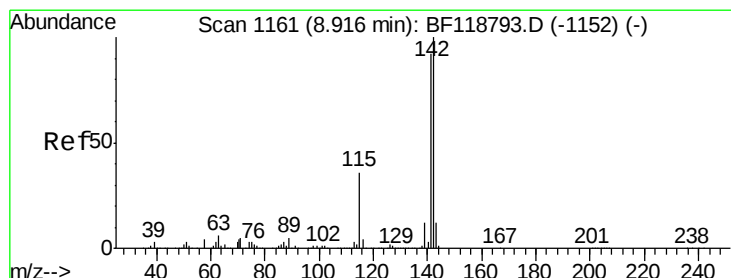
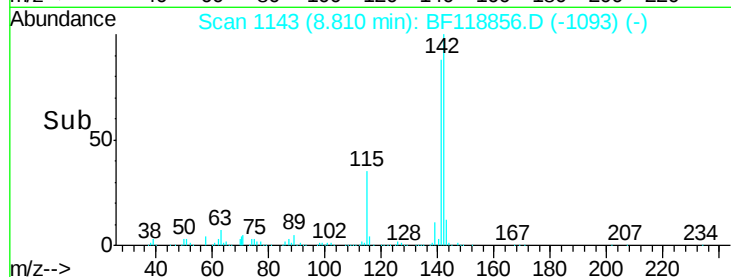
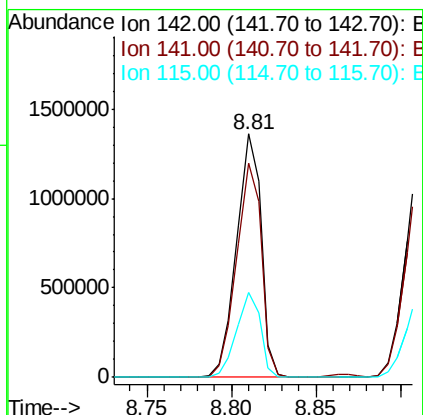
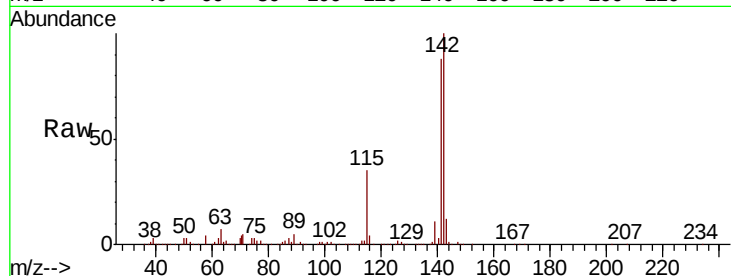




#37
2-Methylnaphthalene
Concen: 46.954 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF118856.D
Acq: 7 Feb 2020 17:50

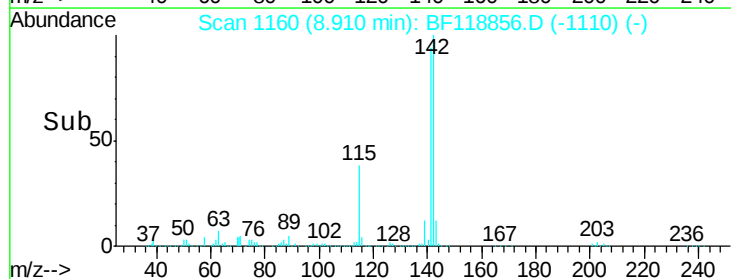
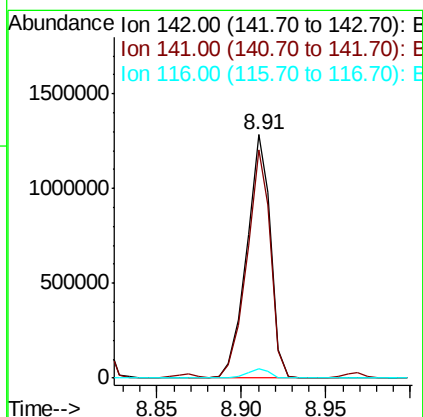
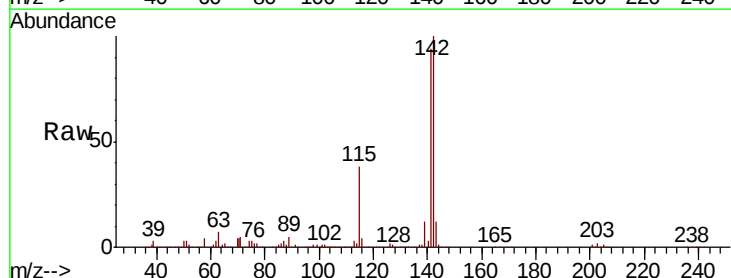
Instrument :
BNA_F
ClientSampleId :

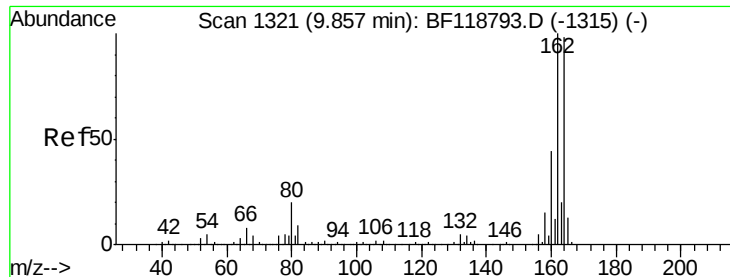
Tot Ion:142 Resp: 1383418
Ion Ratio Lower Upper
142 100
141 88.2 70.1 105.1
115 35.1 27.3 40.9



#38
1-Methylnaphthalene
Concen: 45.451 ng
RT: 8.91 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BF118856.D
Acq: 7 Feb 2020 17:50

Tgt Ion:142 Resp: 1259744
Ion Ratio Lower Upper
142 100
141 93.9 73.8 110.6
116 4.1 3.0 4.4

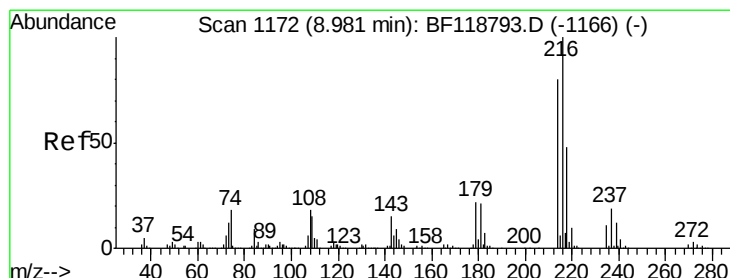
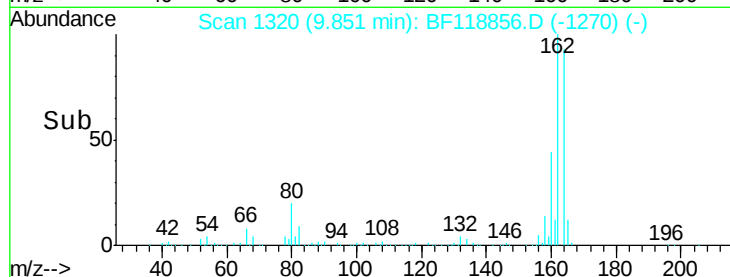
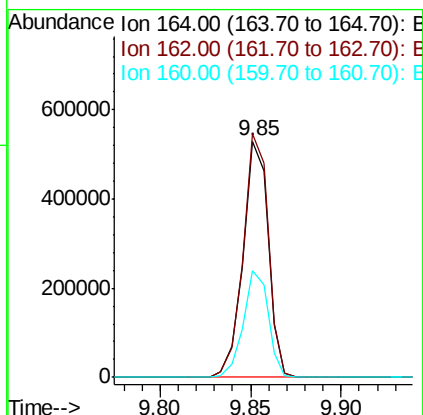
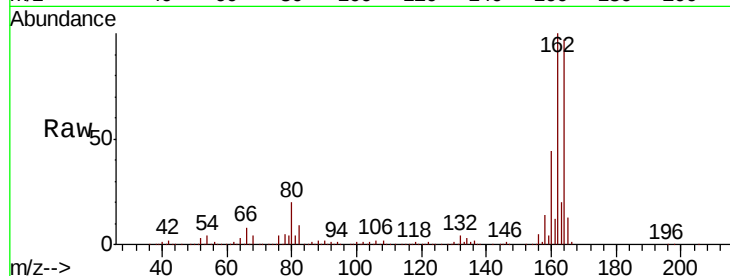




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BF118856.D
 Acq: 7 Feb 2020 17:50

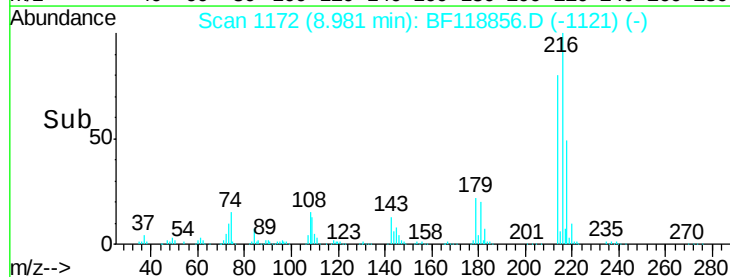
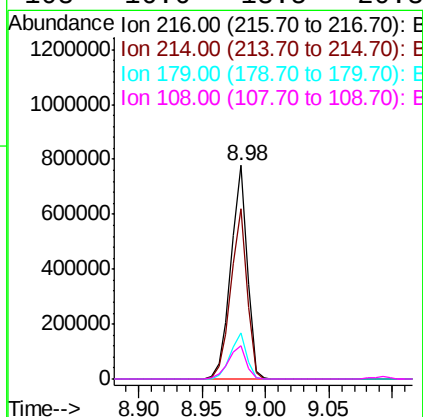
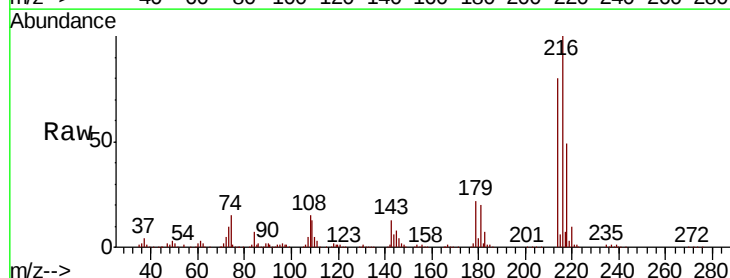
Instrument :
 BNA_F
 ClientSampleId :

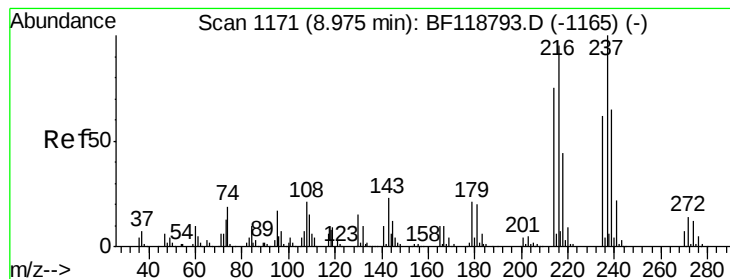
Tot Ion	Ratio	Lower	Upper
164	100		
162	103.0	81.4	122.2
160	45.3	35.6	53.4



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.525 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. 0.00 min
 Lab File: BF118856.D
 Acq: 7 Feb 2020 17:50

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.0	94.4
179	21.3	17.0	25.6
108	16.6	13.5	20.3





#41

Hexachlorocyclopentadiene

Concen: 36.144 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.01 min

Lab File: BF118856.D

Acq: 7 Feb 2020 17:50

Instrument :

BNA_F

ClientSampleId :

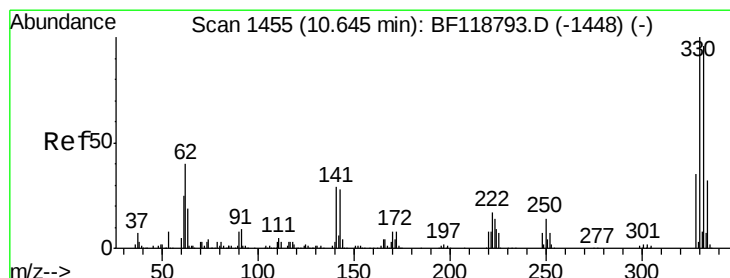
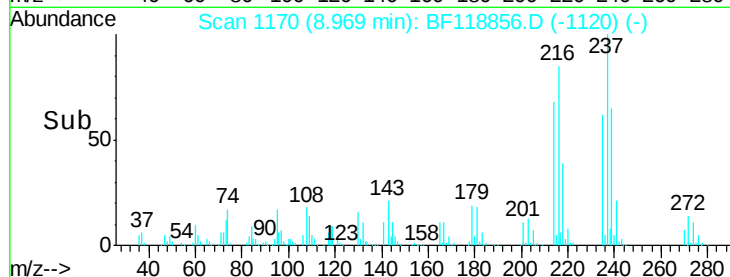
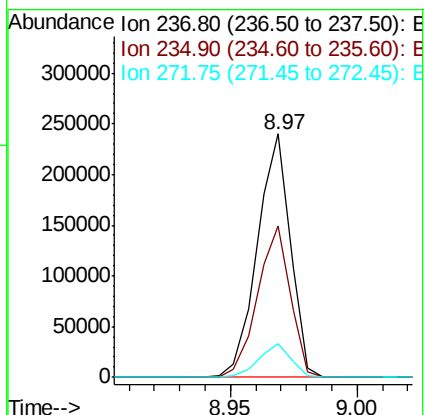
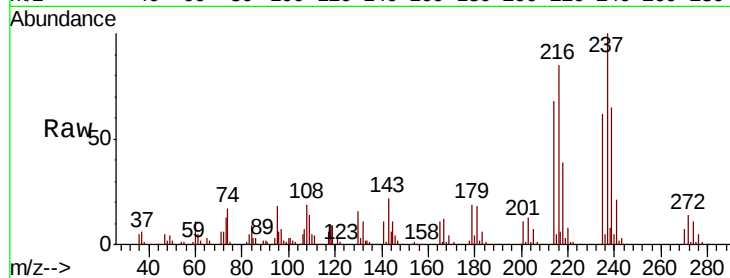
Tot Ion:237 Resp: 219024

Ion Ratio Lower Upper

237 100

235 62.0 42.1 82.1

272 13.9 0.0 34.4



#42

2,4,6-Tribromophenol

Concen: 121.971 ng

RT: 10.65 min Scan# 1455

Delta R.T. 0.00 min

Lab File: BF118856.D

Acq: 7 Feb 2020 17:50

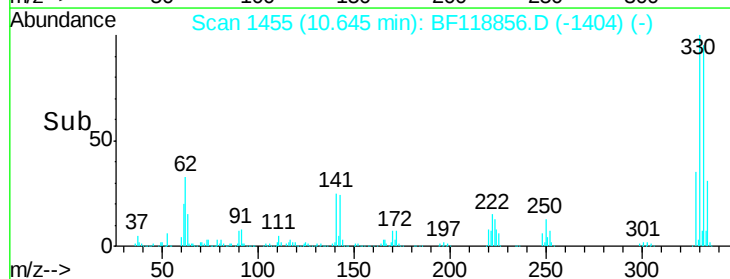
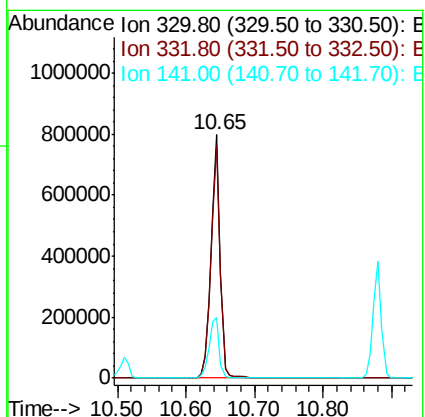
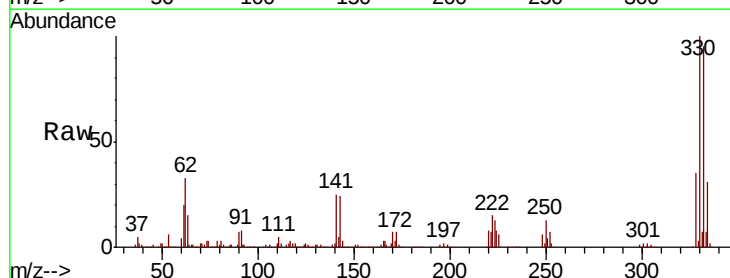
Tgt Ion:330 Resp: 747297

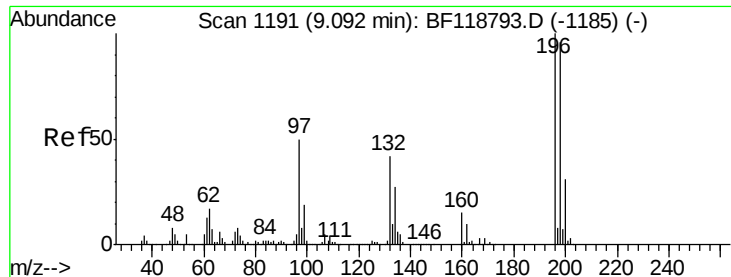
Ion Ratio Lower Upper

330 100

332 96.0 77.3 115.9

141 27.6 22.4 33.6

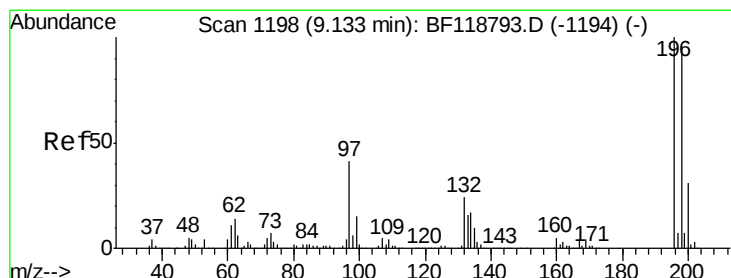
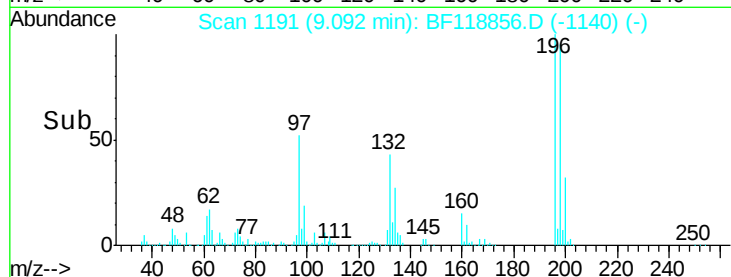
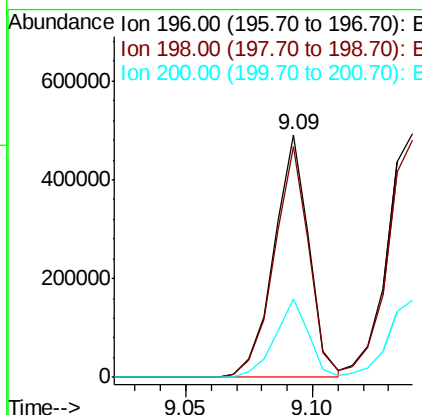
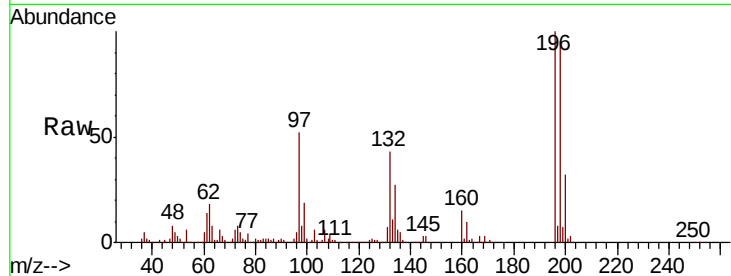




#43
 2,4,6-Trichlorophenol
 Concen: 45.768 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: BF118856.D
 Acq: 7 Feb 2020 17:50

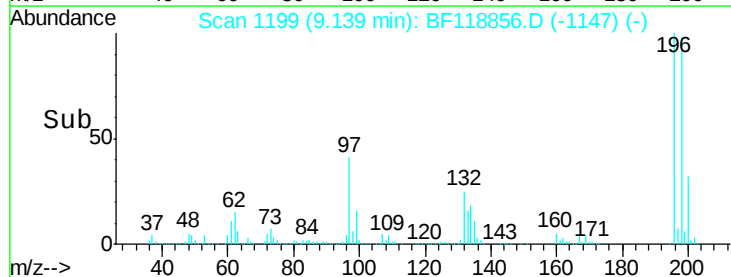
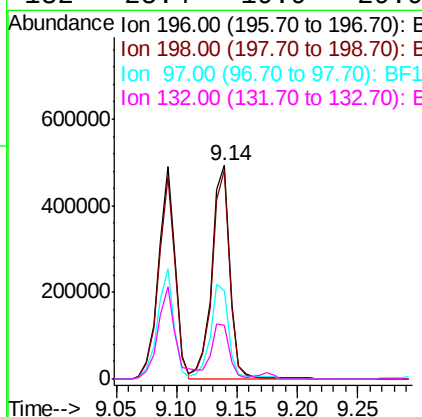
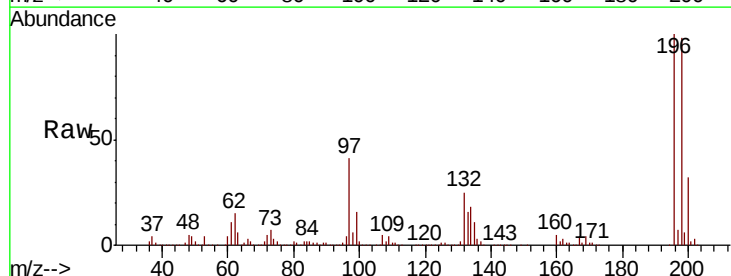
Instrument :
 BNA_F
 ClientSampleId :

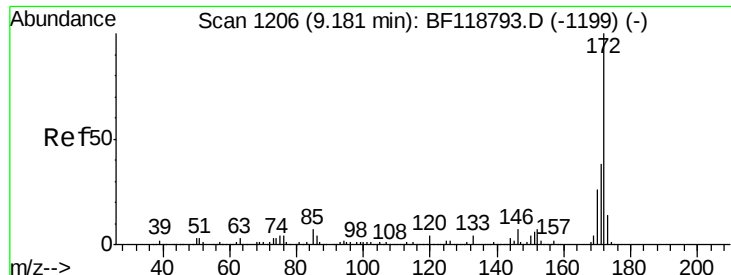
Tot Ion	196	Resp	472973
Ion Ratio	Lower	Upper	
196	100		
198	95.2	76.7	115.1
200	32.2	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 47.680 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF118856.D
 Acq: 7 Feb 2020 17:50

Tgt Ion	196	Resp	503463
Ion Ratio	Lower	Upper	
196	100		
198	97.6	77.0	115.4
97	41.3	32.9	49.3
132	25.4	19.9	29.9

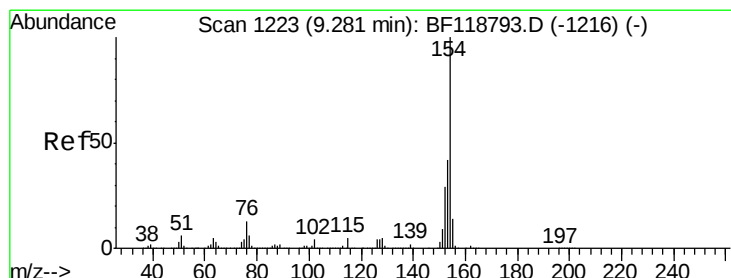
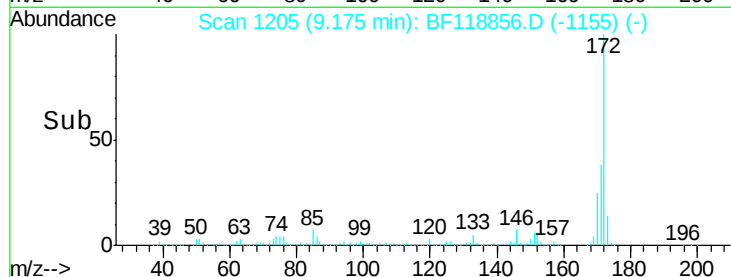
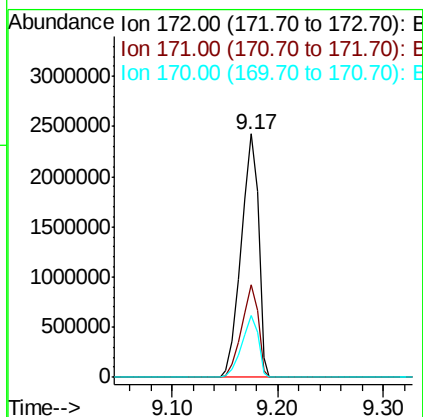
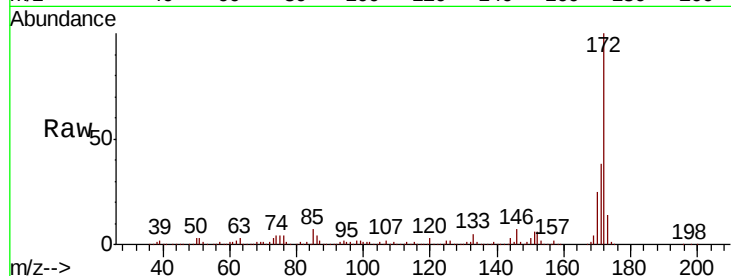




#45
2-Fluorobiphenyl
Concen: 94.602 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.01 min
Lab File: BF118856.D
Acq: 7 Feb 2020 17:50

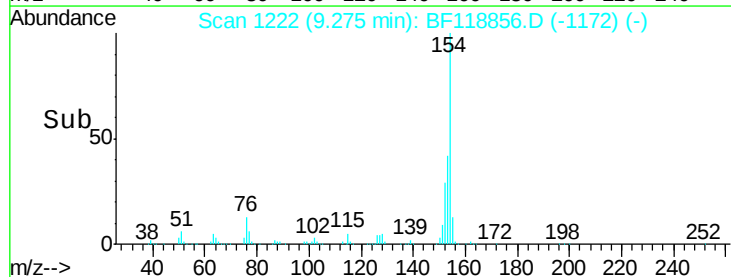
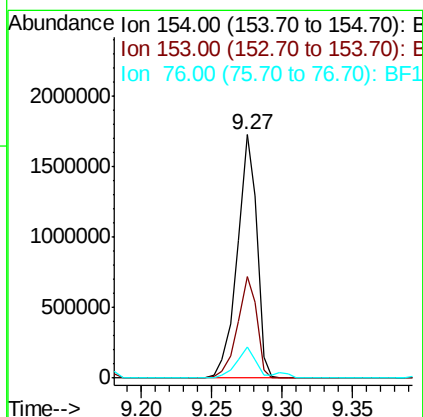
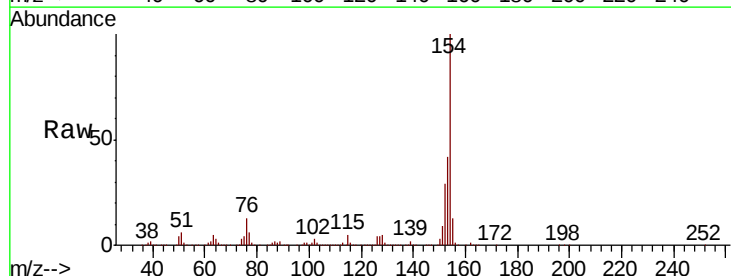
Instrument :
BNA_F
ClientSampleId :

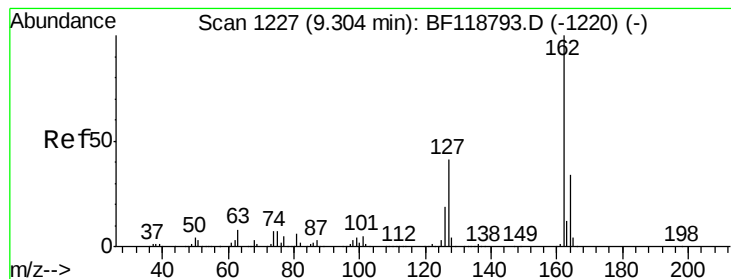
Tot Ion:172 Resp: 2709692
Ion Ratio Lower Upper
172 100
171 38.1 30.8 46.2
170 25.3 20.5 30.7



#46
1,1'-Biphenyl
Concen: 46.761 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BF118856.D
Acq: 7 Feb 2020 17:50

Tgt Ion:154 Resp: 1656294
Ion Ratio Lower Upper
154 100
153 41.6 22.4 62.4
76 13.0 0.0 32.7





#47

2-Chloronaphthalene

Concen: 45.263 ng

RT: 9.30 min Scan# 1226

Delta R.T. -0.01 min

Lab File: BF118856.D

Acq: 7 Feb 2020 17:50

Instrument :

BNA_F

ClientSampleId :

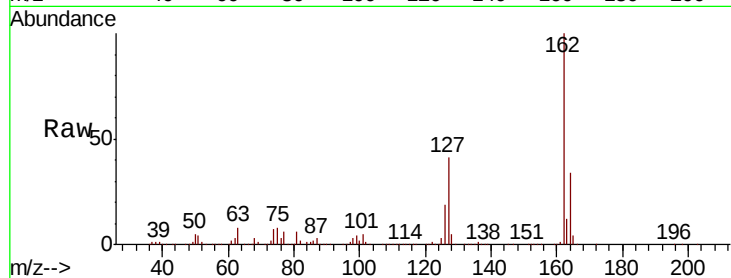
Tot Ion:162 Resp: 1332834

Ion Ratio Lower Upper

162 100

127 41.1 33.3 49.9

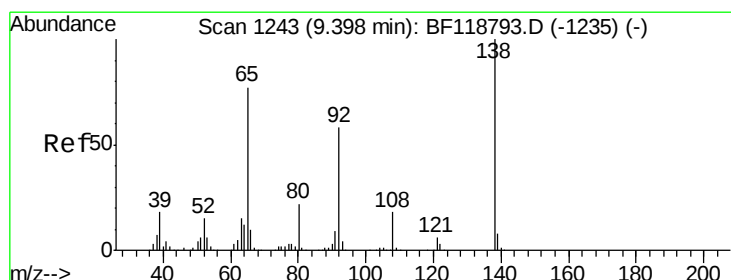
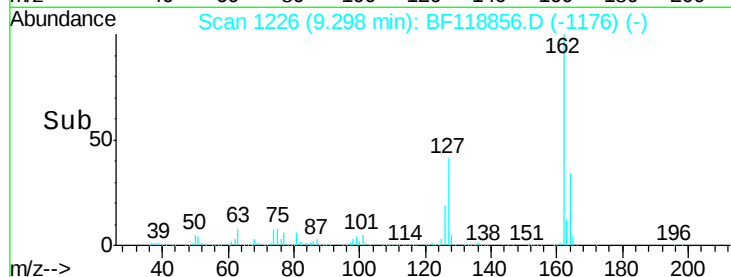
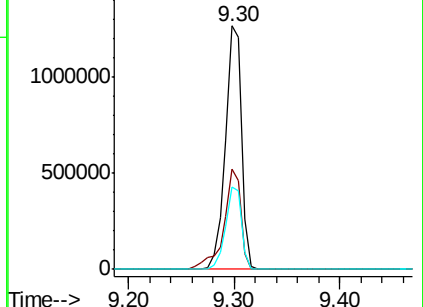
164 33.7 27.1 40.7



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: 45.849 ng

RT: 9.39 min Scan# 1242

Delta R.T. -0.01 min

Lab File: BF118856.D

Acq: 7 Feb 2020 17:50

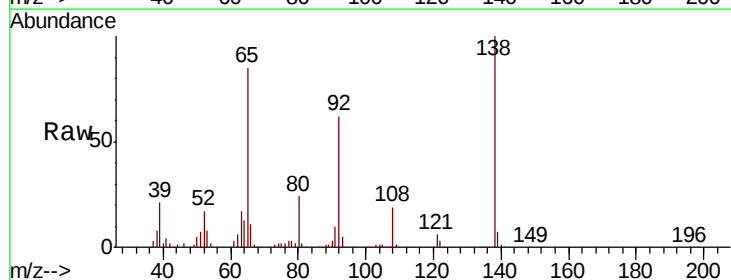
Tgt Ion: 65 Resp: 389392

Ion Ratio Lower Upper

65 100

92 73.1 60.6 91.0

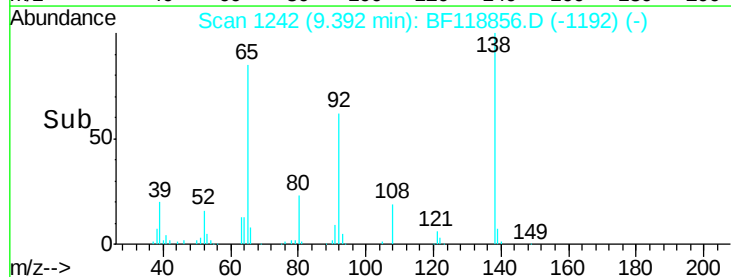
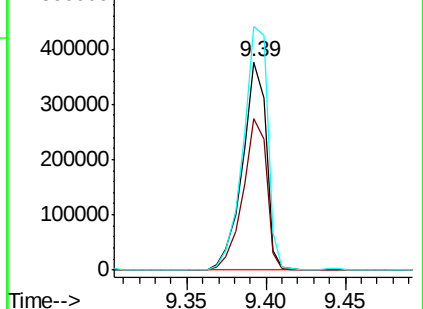
138 117.0 104.6 156.8

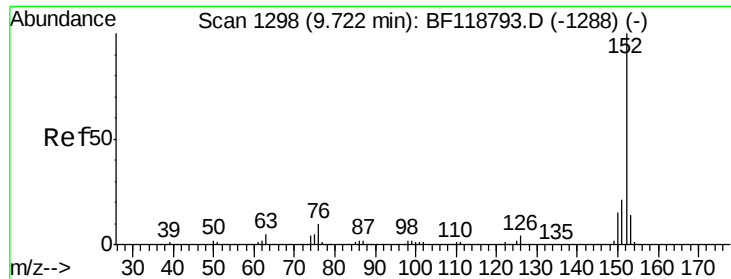


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 48.300 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF118856.D

Acq: 7 Feb 2020 17:50

Instrument :

BNA_F

ClientSampleId :

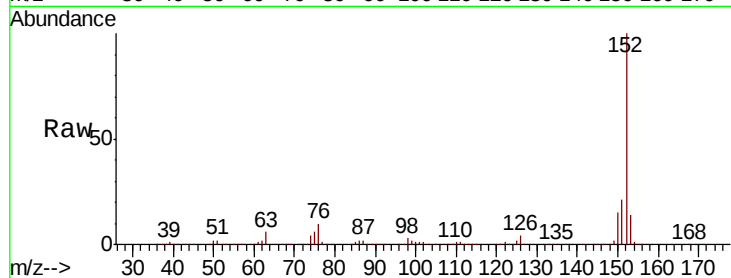
Tot Ion:152 Resp: 2053559

Ion Ratio Lower Upper

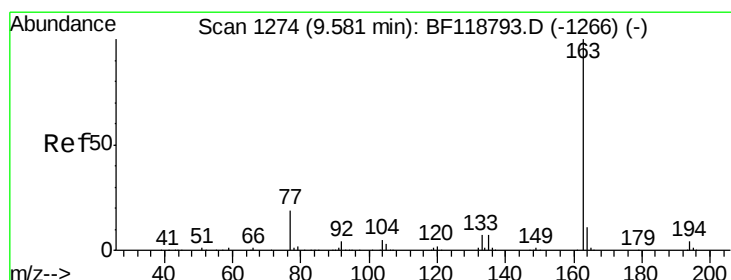
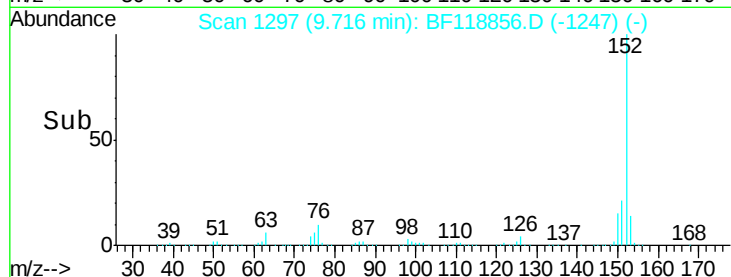
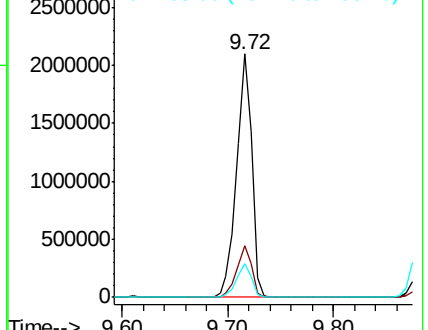
152 100

151 21.2 17.1 25.7

153 13.9 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: 48.214 ng

RT: 9.58 min Scan# 1274

Delta R.T. 0.00 min

Lab File: BF118856.D

Acq: 7 Feb 2020 17:50

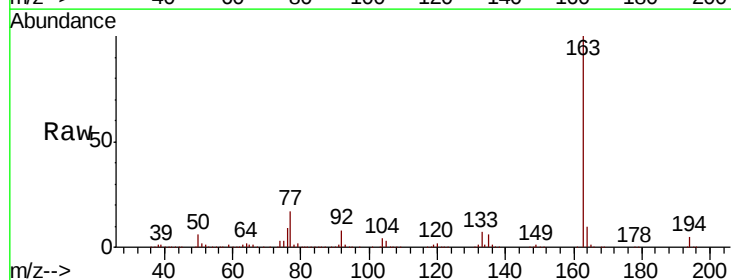
Tgt Ion:163 Resp: 1681012

Ion Ratio Lower Upper

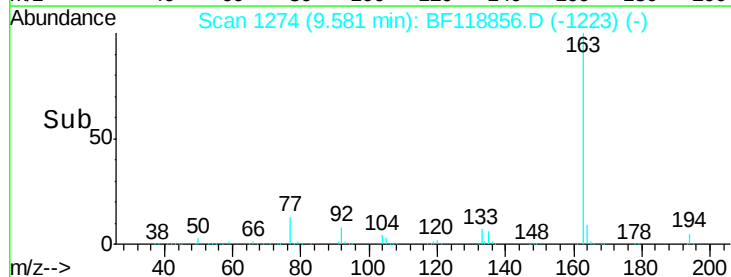
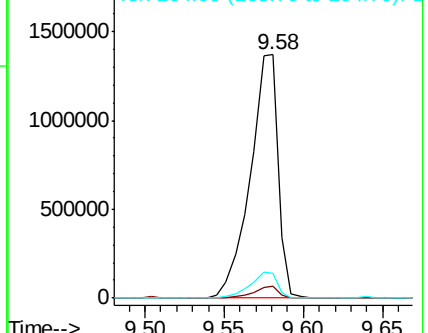
163 100

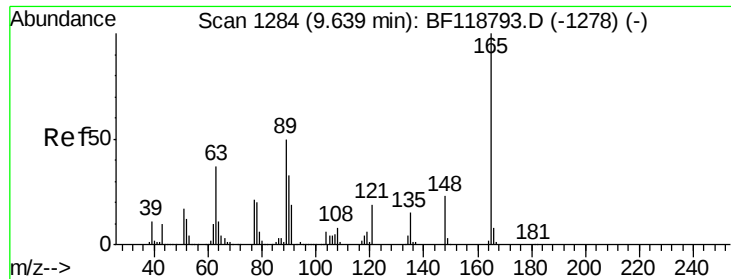
194 4.7 3.6 5.4

164 10.3 8.7 13.1



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

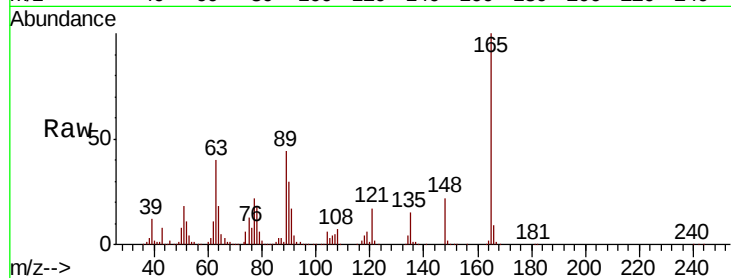




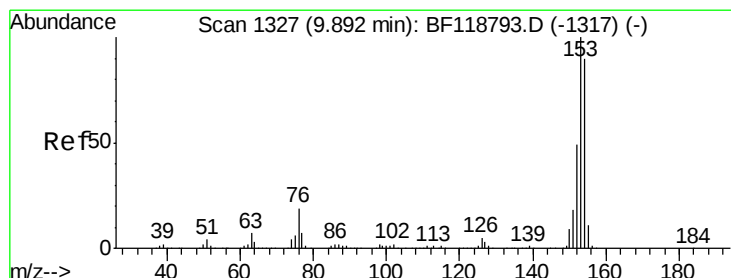
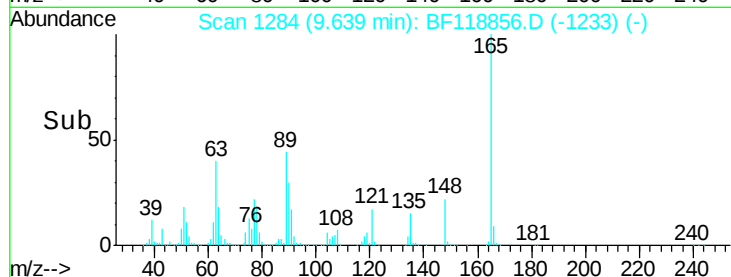
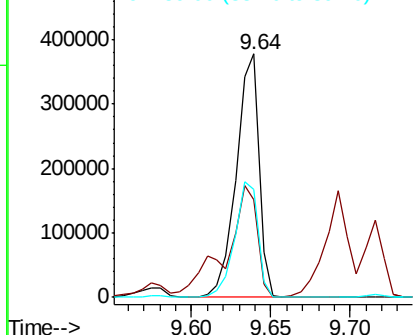
#51
2,6-Dinitrotoluene
Concen: 47.116 ng
RT: 9.64 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BF118856.D
Acq: 7 Feb 2020 17:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 375873
Ion Ratio Lower Upper
165 100
63 40.3 37.4 56.0
89 44.2 39.7 59.5

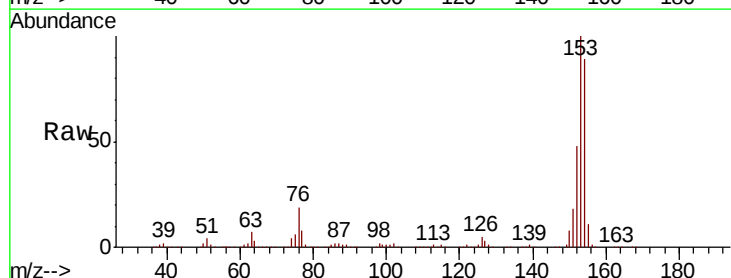


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

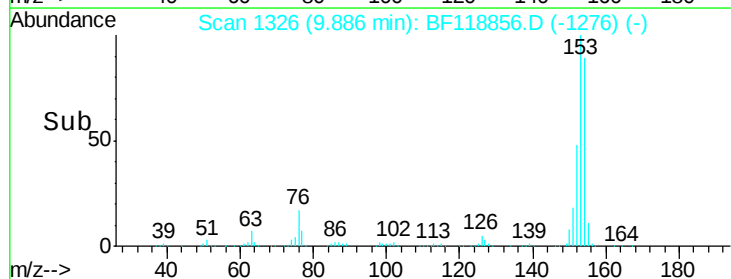
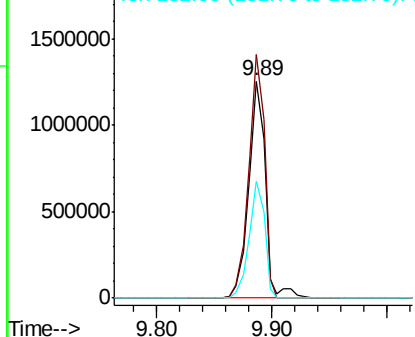


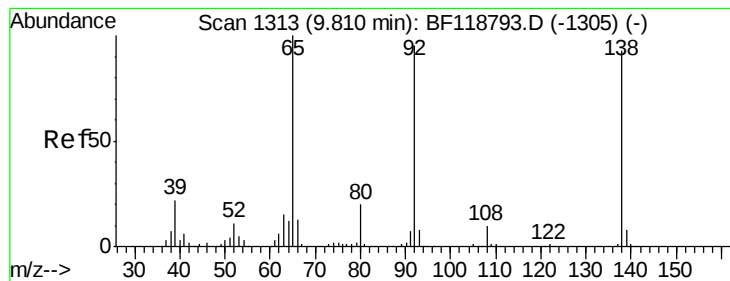
#52
Acenaphthene
Concen: 44.553 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF118856.D
Acq: 7 Feb 2020 17:50

Tgt Ion:154 Resp: 1248227
Ion Ratio Lower Upper
154 100
153 112.0 89.4 134.0
152 53.9 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 15.484 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF118856.D

Acq: 7 Feb 2020 17:50

Instrument :

BNA_F

ClientSampleId :

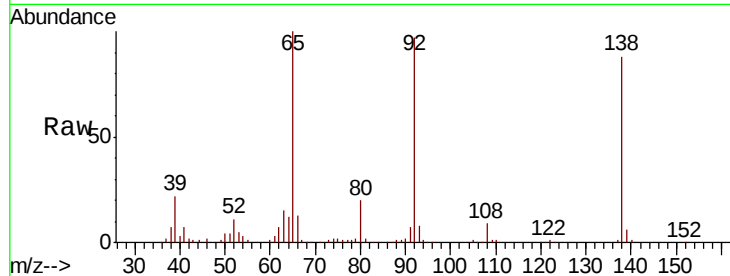
Tot Ion:138 Resp: 136997

Ion Ratio Lower Upper

138 100

108 10.5 8.5 12.7

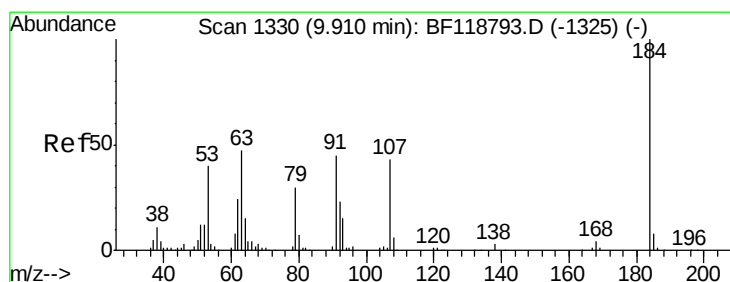
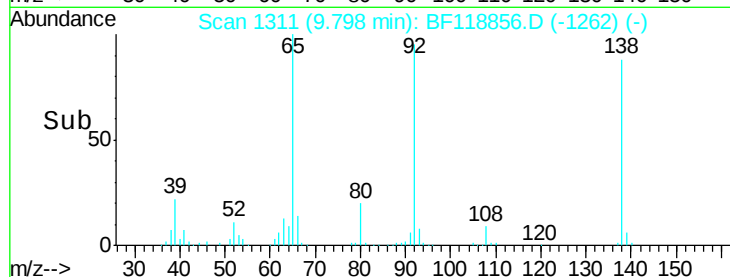
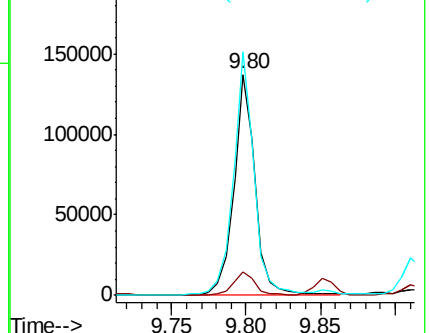
92 110.2 82.2 123.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 26.101 ng

RT: 9.91 min Scan# 1330

Delta R.T. 0.00 min

Lab File: BF118856.D

Acq: 7 Feb 2020 17:50

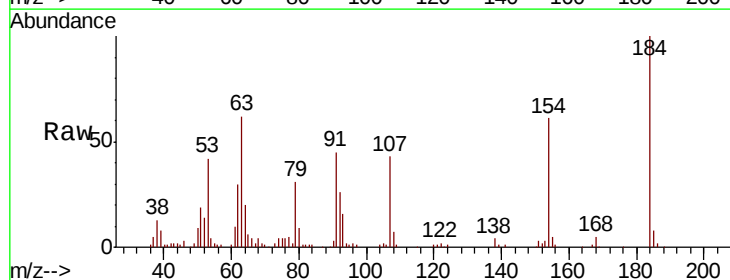
Tgt Ion:184 Resp: 100102

Ion Ratio Lower Upper

184 100

63 61.8 47.5 71.3

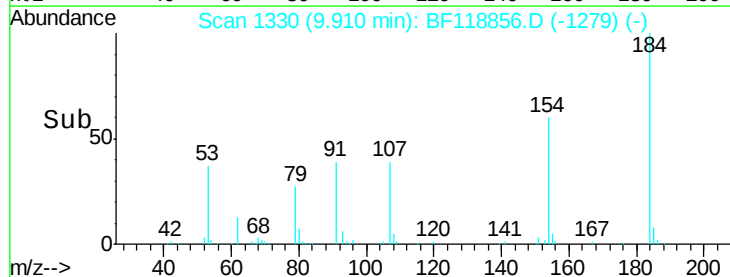
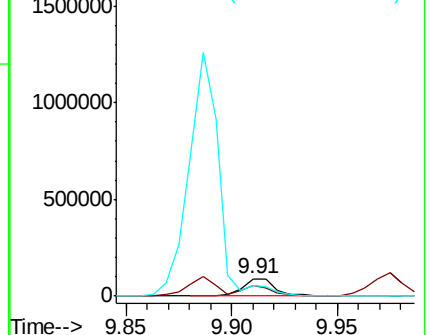
154 61.1 48.6 72.8

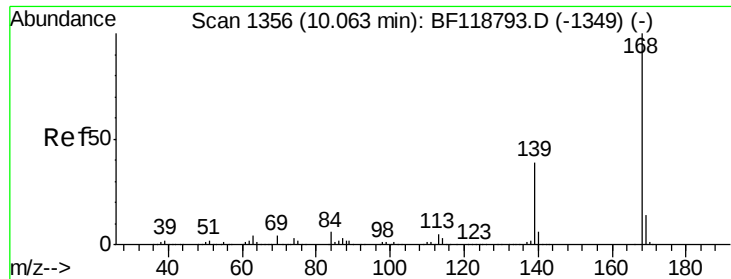


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

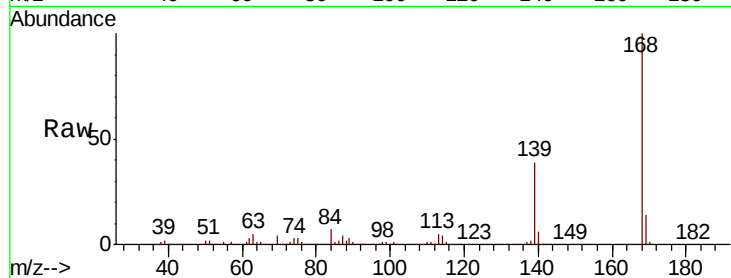




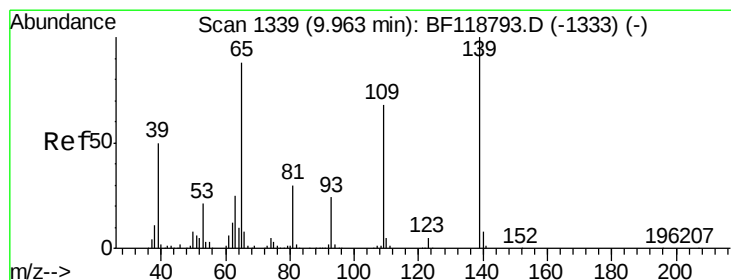
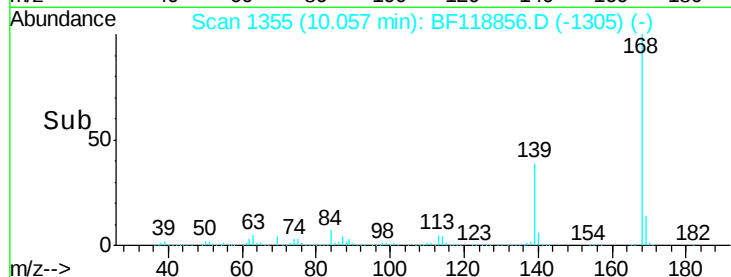
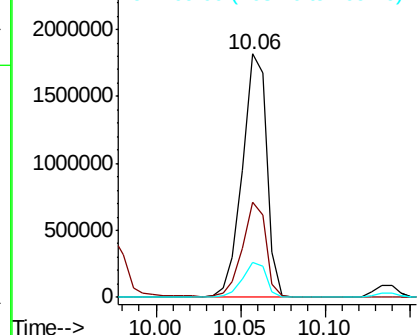
#55
Dibenzofuran
Concen: 45.232 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF118856.D
Acq: 7 Feb 2020 17:50

Instrument :
BNA_F
ClientSampled :

Tot Ion:168 Resp: 1831390
Ion Ratio Lower Upper
168 100
139 39.2 31.6 47.4
169 14.3 11.4 17.2

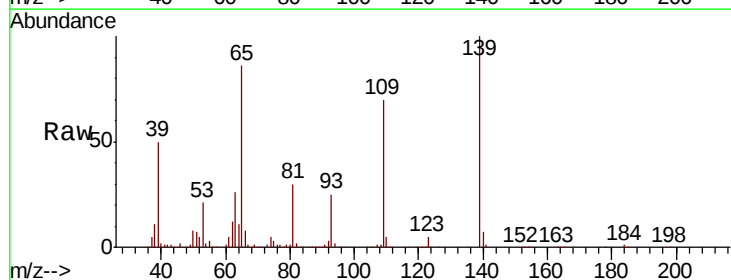


Abundance Ion 168.00 (167.70 to 168.70): E
2500000 Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

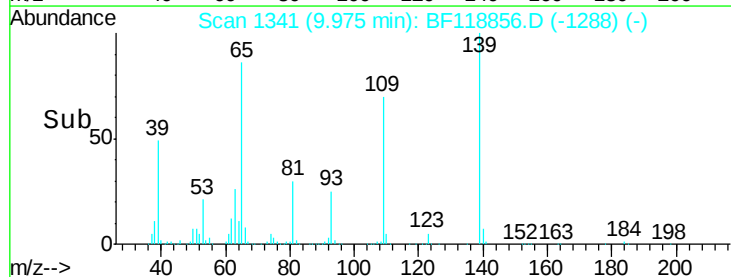
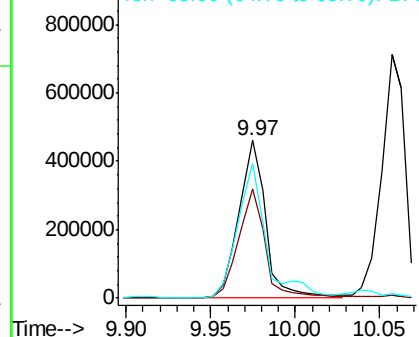


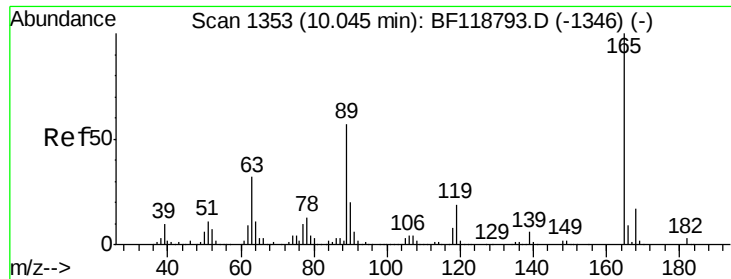
#56
4-Nitrophenol
Concen: 79.795 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF118856.D
Acq: 7 Feb 2020 17:50

Tgt Ion:139 Resp: 510948
Ion Ratio Lower Upper
139 100
109 69.7 48.0 88.0
65 86.0 68.3 108.3



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

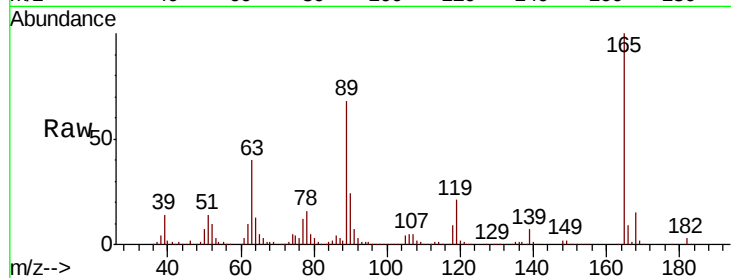




#57
2,4-Dinitrotoluene
Concen: 45.787 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BF118856.D
Acq: 7 Feb 2020 17:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	40.0	25.5	38.3
89	67.5	45.4	68.0
182	3.1	2.4	3.6



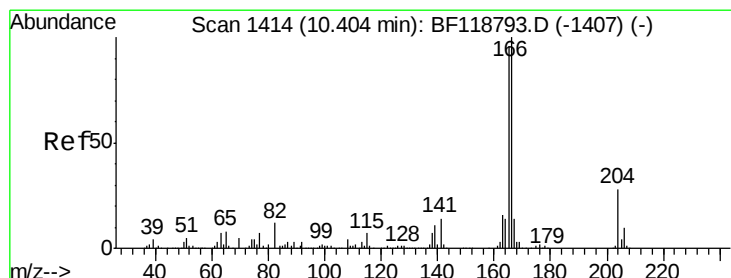
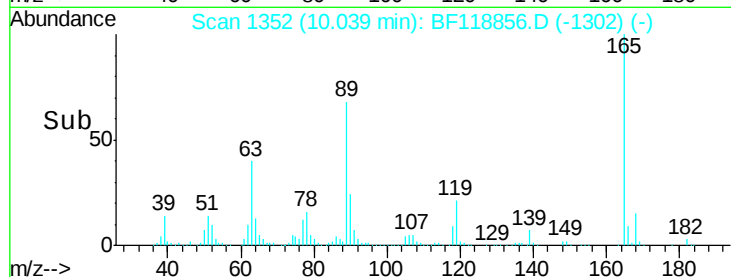
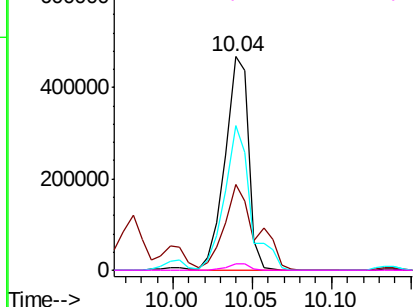
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

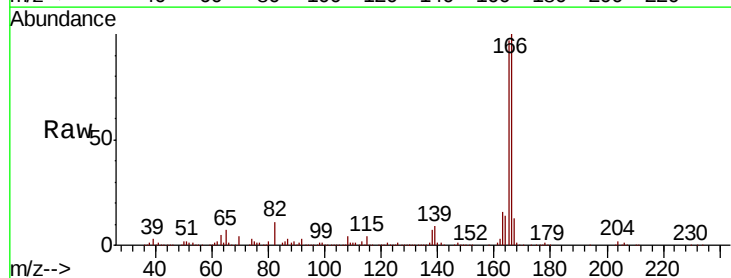
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 45.187 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF118856.D
Acq: 7 Feb 2020 17:50

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.1	77.0	115.6
167	13.5	11.1	16.7

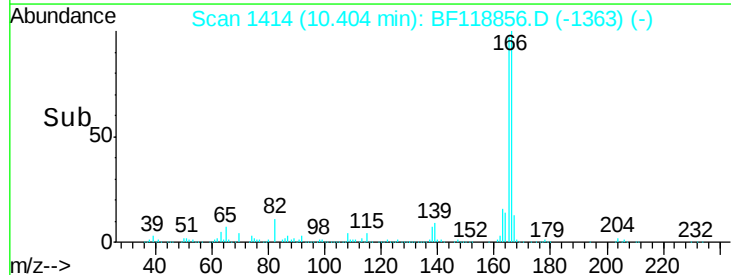
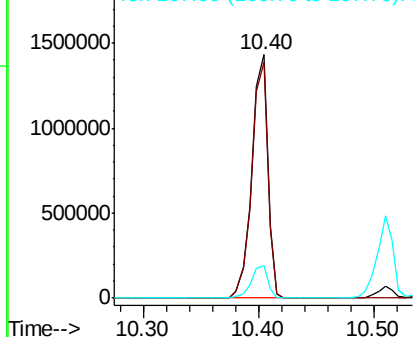


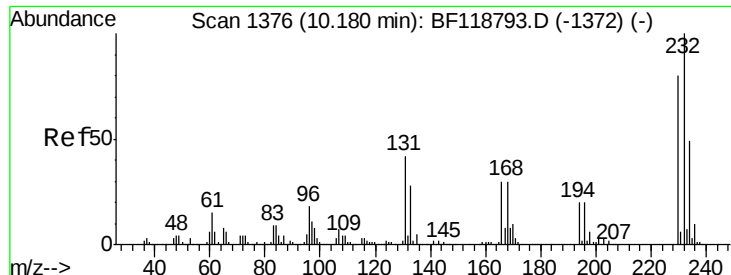
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

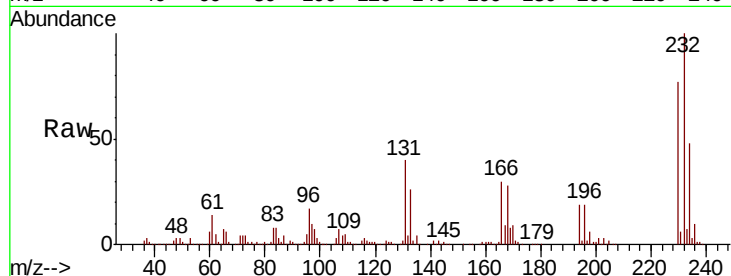




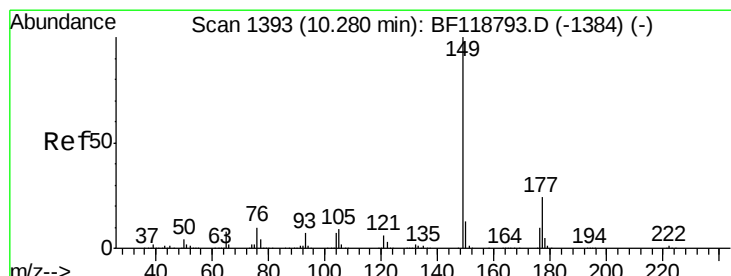
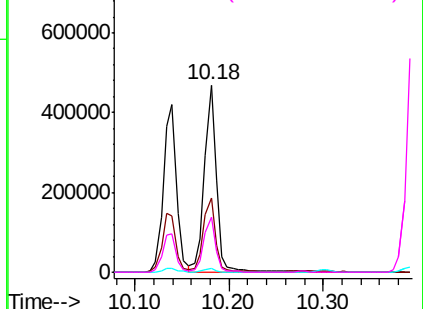
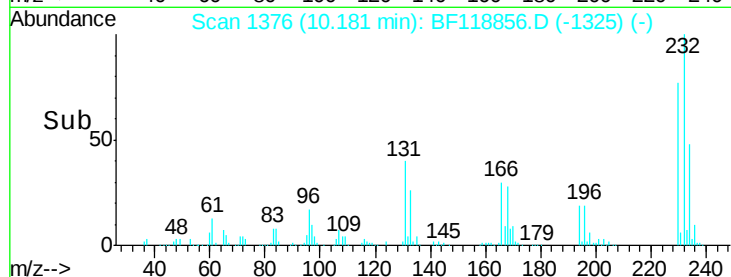
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.735 ng
RT: 10.18 min Scan# 1376
Delta R.T. 0.00 min
Lab File: BF118856.D
Acq: 7 Feb 2020 17:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	39.8	31.8	47.6
130	2.0	1.6	2.4
166	28.3	23.1	34.7

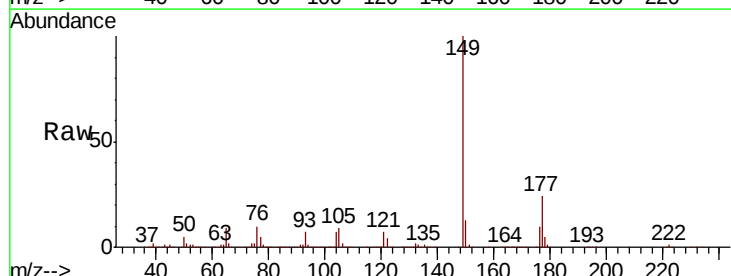


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

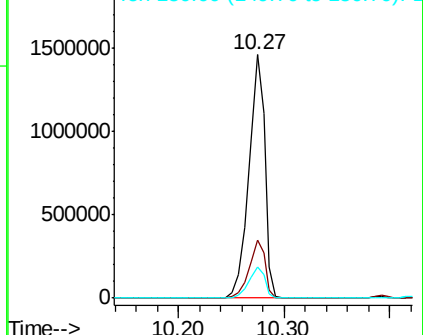
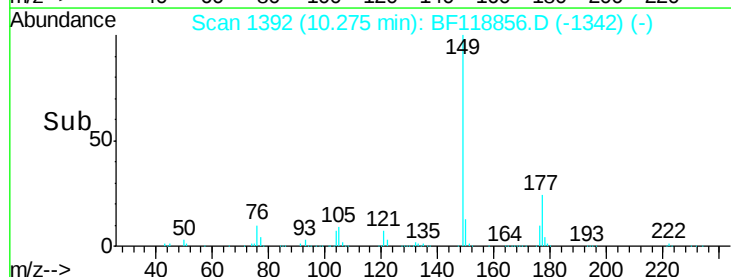


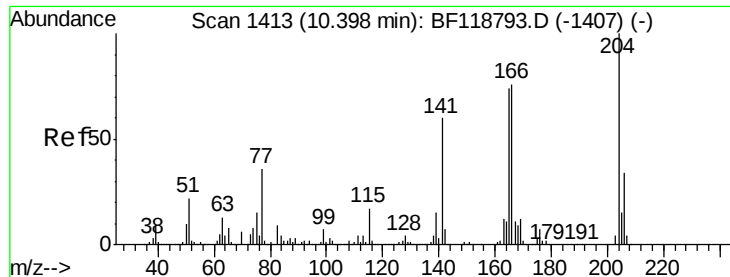
#60
Diethylphthalate
Concen: 45.278 ng
RT: 10.27 min Scan# 1392
Delta R.T. -0.01 min
Lab File: BF118856.D
Acq: 7 Feb 2020 17:50

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.0	19.3	28.9
150	13.0	10.4	15.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

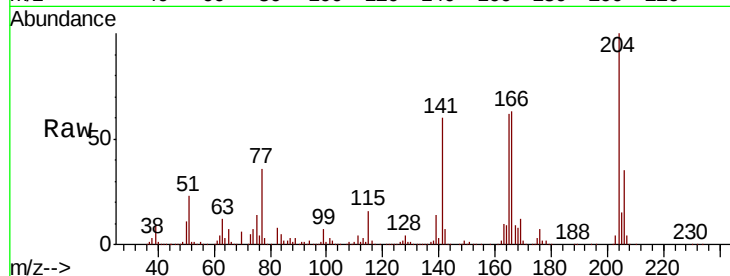




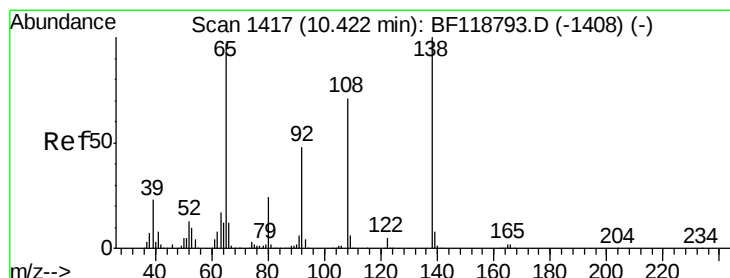
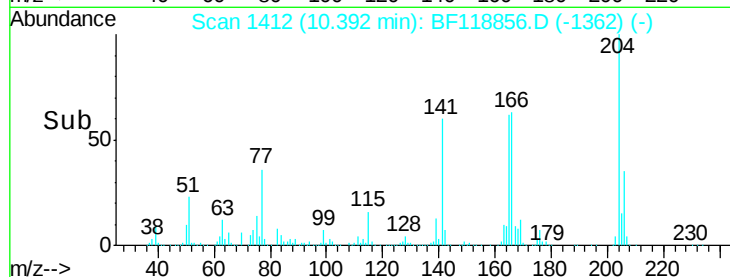
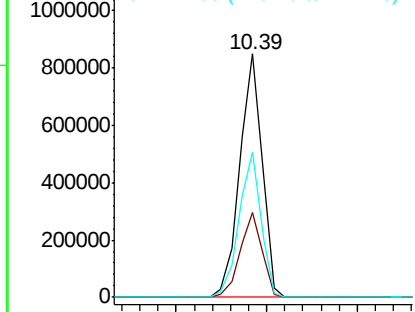
#61
4-Chlorophenyl-phenylether
Concen: 43.923 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BF118856.D
Acq: 7 Feb 2020 17:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 725580
Ion Ratio Lower Upper
204 100
206 34.7 27.4 41.2
141 59.6 47.8 71.6

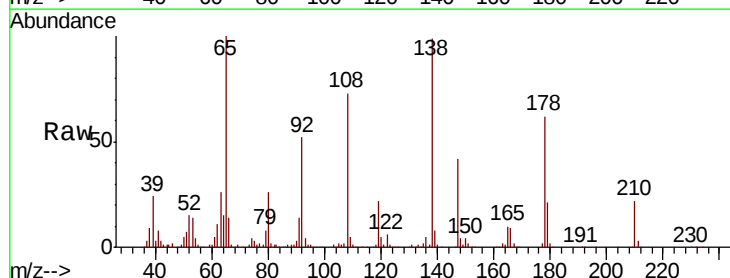


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

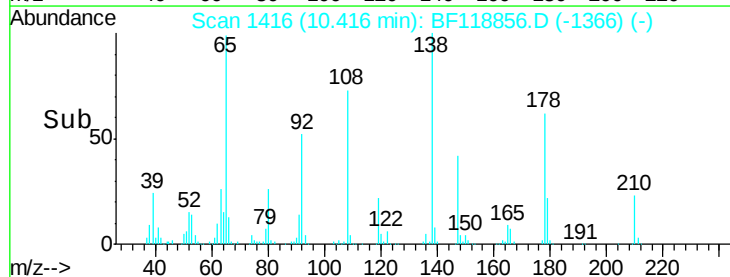
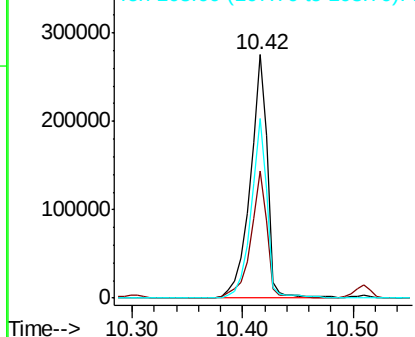


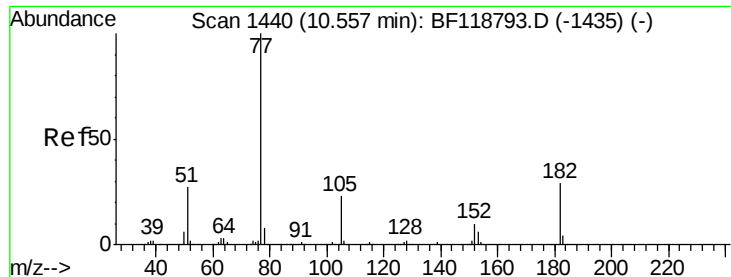
#62
4-Nitroaniline
Concen: 33.846 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF118856.D
Acq: 7 Feb 2020 17:50

Tgt Ion:138 Resp: 299875
Ion Ratio Lower Upper
138 100
92 52.3 27.6 67.6
108 74.0 51.3 91.3



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: 46.024 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF118856.D

Acq: 7 Feb 2020 17:50

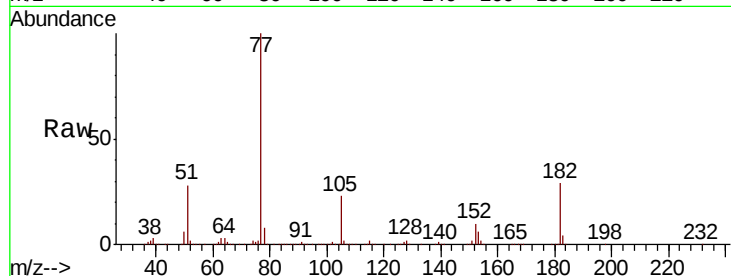
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1332136

Ion	Ratio	Lower	Upper
77	100		
182	29.1	9.2	49.2
105	22.8	3.1	43.1
51	27.7	7.4	47.4

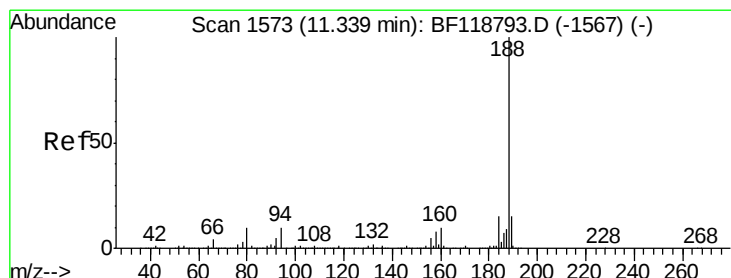
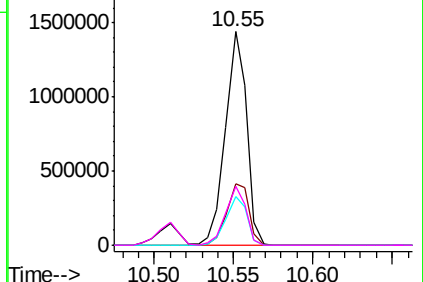
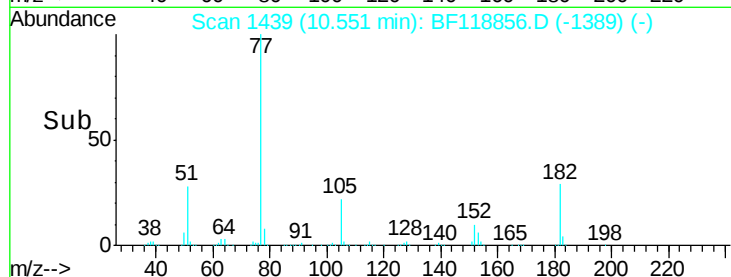


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

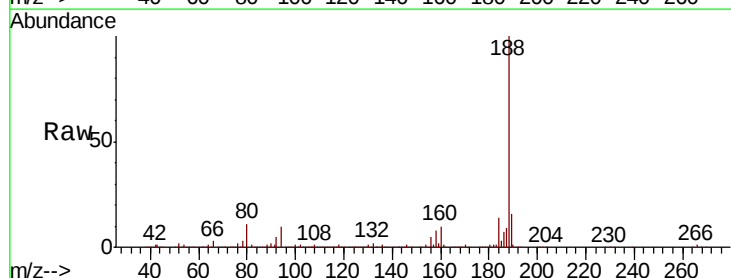
Delta R.T. -0.01 min

Lab File: BF118856.D

Acq: 7 Feb 2020 17:50

Tgt Ion: 188 Resp: 869302

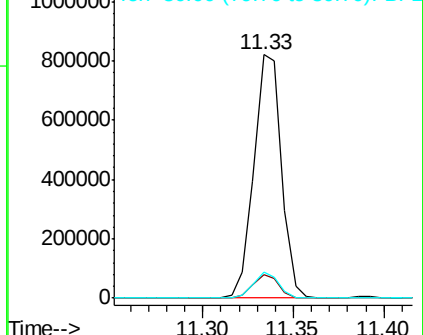
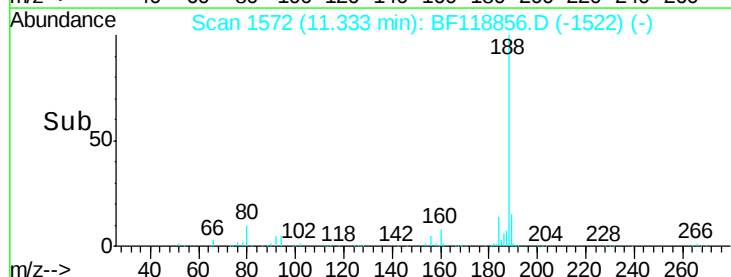
Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.9	11.9
80	10.6	8.4	12.6

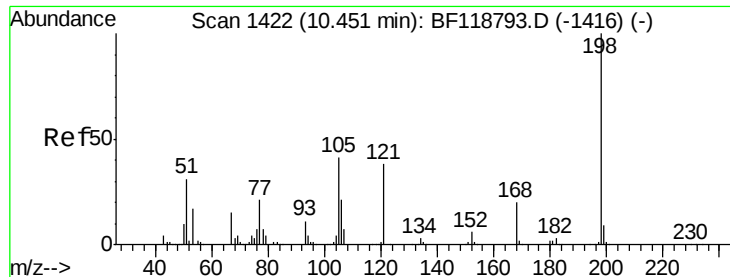


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 20.006 ng

RT: 10.45 min Scan# 1422

Delta R.T. 0.00 min

Lab File: BF118856.D

Acq: 7 Feb 2020 17:50

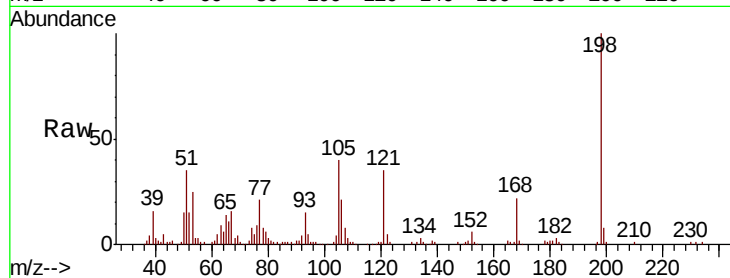
Instrument :

BNA_F

ClientSampleId :

Tot Ion:198 Resp: 97725

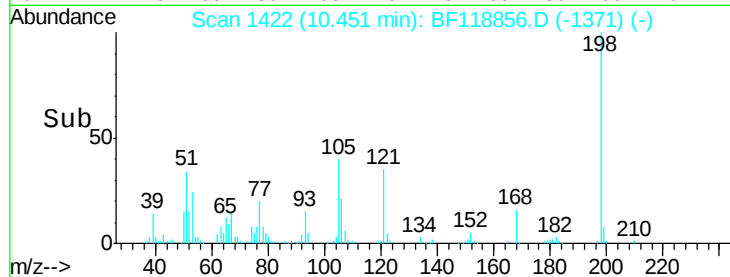
Ion	Ratio	Lower	Upper
198	100		
51	34.6	16.7	56.7
105	39.7	22.0	62.0



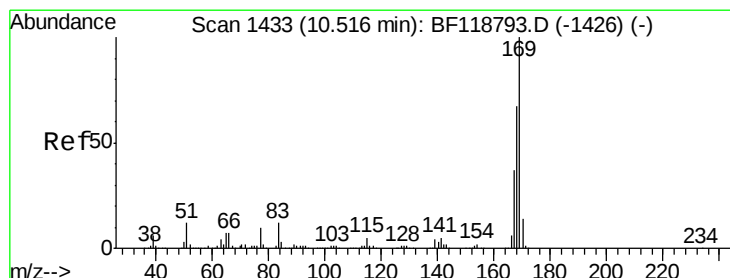
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



Time-->



#66

n-Nitrosodiphenylamine

Concen: 51.974 ng

RT: 10.51 min Scan# 1432

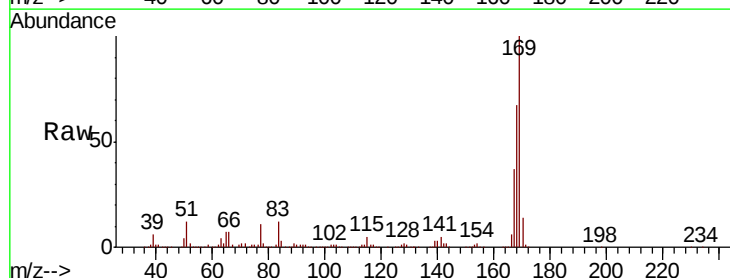
Delta R.T. -0.01 min

Lab File: BF118856.D

Acq: 7 Feb 2020 17:50

Tgt Ion:169 Resp: 1308735

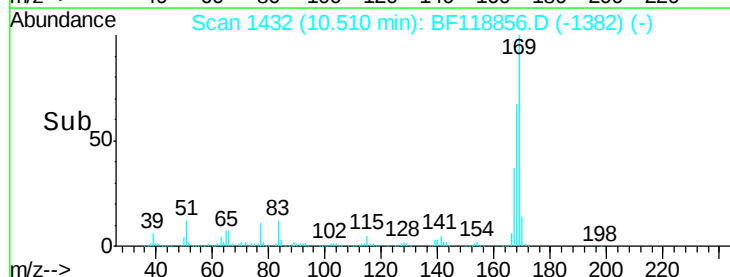
Ion	Ratio	Lower	Upper
169	100		
168	66.8	53.5	80.3
167	36.8	29.3	43.9



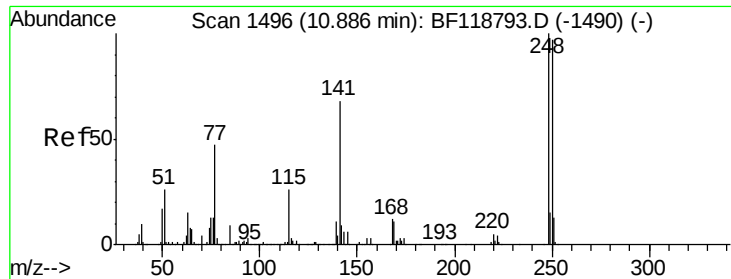
Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



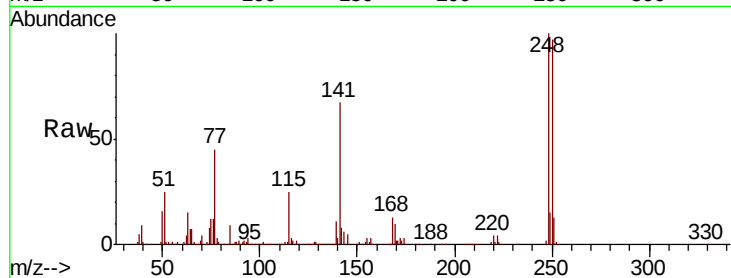
Time-->



#67
4-Bromophenyl-phenylether
Concen: 47.245 ng
RT: 10.88 min Scan# 1495
Delta R.T. -0.01 min
Lab File: BF118856.D
Acq: 7 Feb 2020 17:50

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.7	77.6	116.4
141	67.1	54.4	81.6

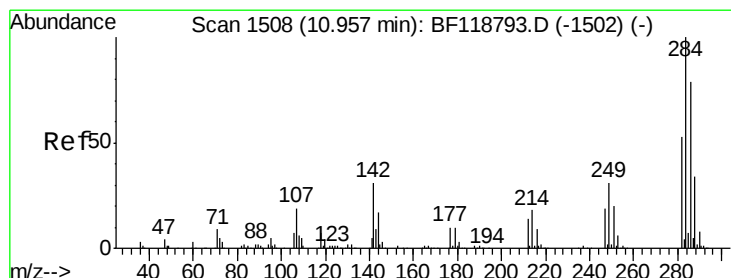
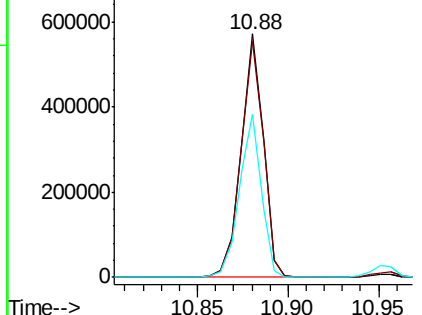
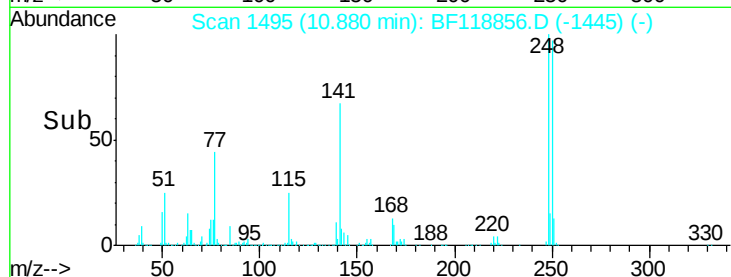


Abundance

Ion 248.00 (247.70 to 248.70): E

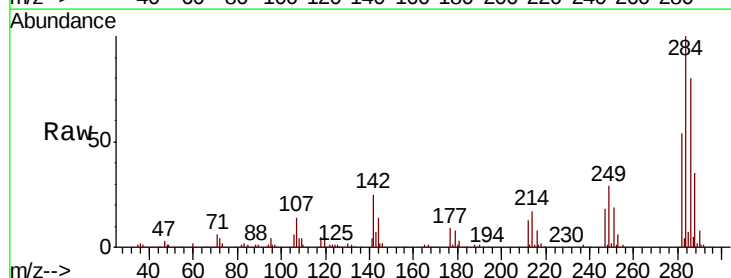
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 45.055 ng
RT: 10.96 min Scan# 1508
Delta R.T. 0.00 min
Lab File: BF118856.D
Acq: 7 Feb 2020 17:50

Tgt Ion	Ratio	Lower	Upper
284	100		
142	24.9	24.5	36.7
249	29.4	24.7	37.1

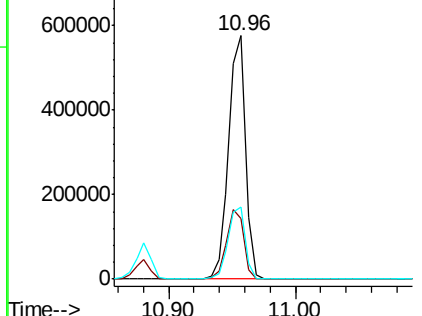
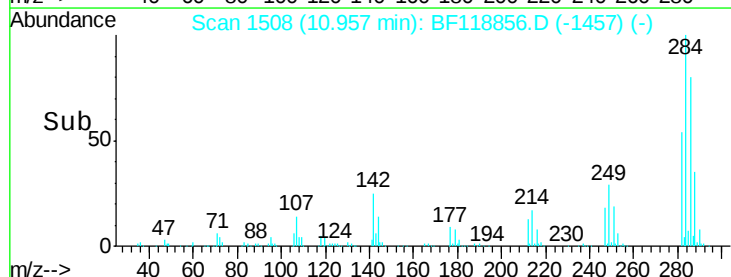


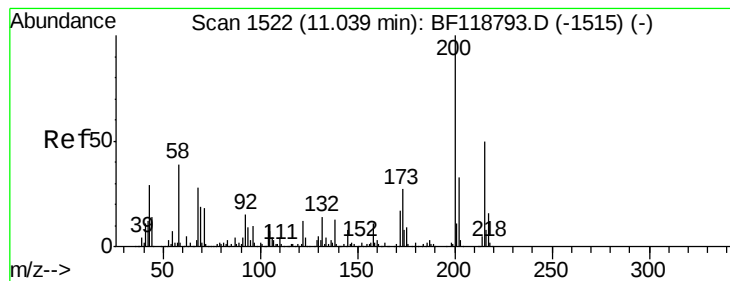
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 52.283 ng

RT: 11.04 min Scan# 1522

Delta R.T. 0.00 min

Lab File: BF118856.D

Acq: 7 Feb 2020 17:50

Instrument :

BNA_F

ClientSampleId :

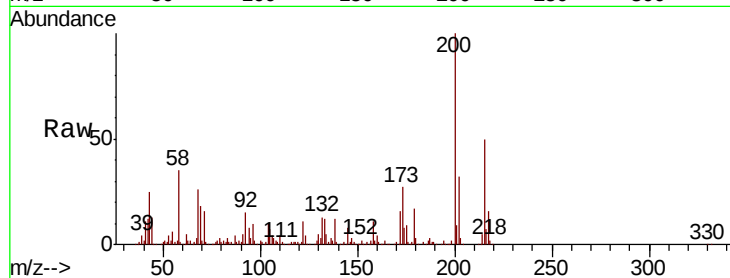
Tot Ion:200 Resp: 438599

Ion Ratio Lower Upper

200 100

173 27.3 7.5 47.5

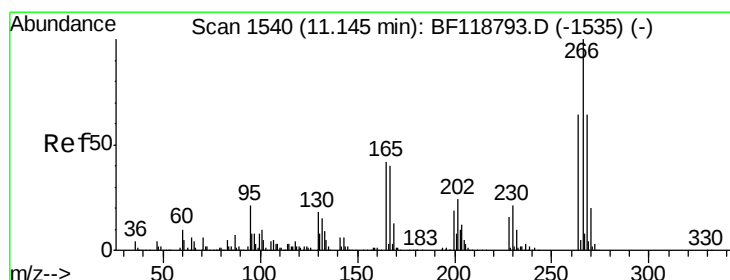
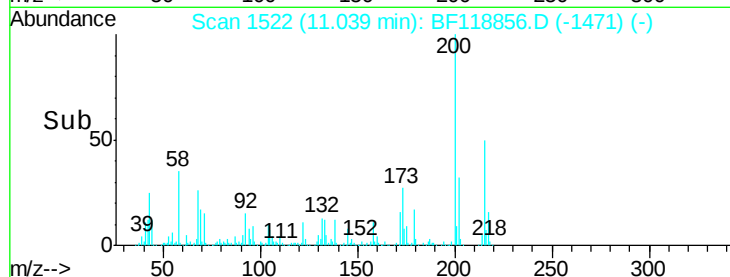
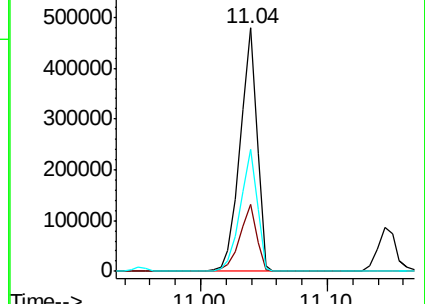
215 50.1 29.9 69.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 85.191 ng

RT: 11.15 min Scan# 1540

Delta R.T. 0.00 min

Lab File: BF118856.D

Acq: 7 Feb 2020 17:50

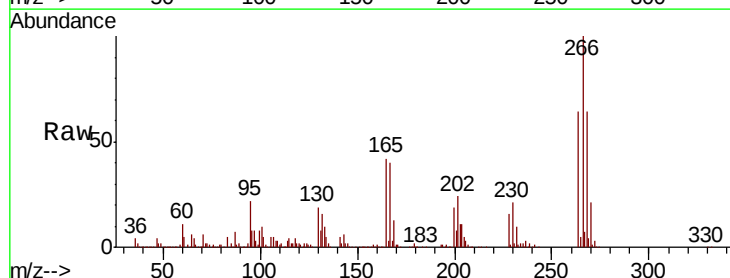
Tgt Ion:266 Resp: 530572

Ion Ratio Lower Upper

266 100

268 64.1 51.0 76.6

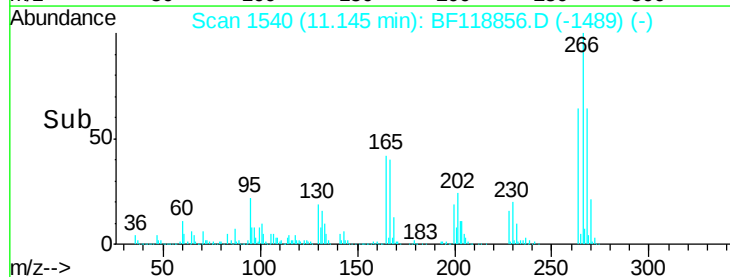
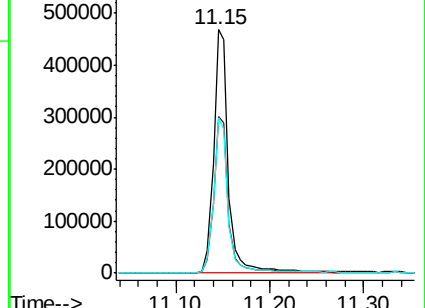
264 64.0 51.4 77.2

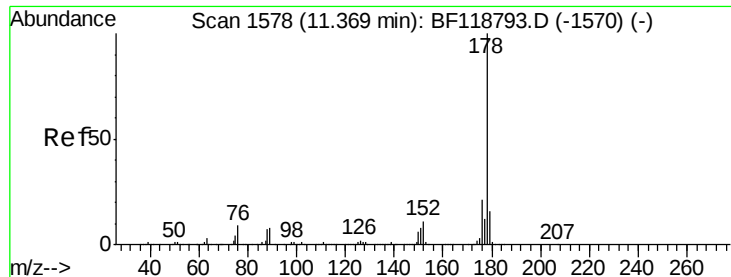


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 45.720 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF118856.D

Acq: 7 Feb 2020 17:50

Instrument :

BNA_F

ClientSampled :

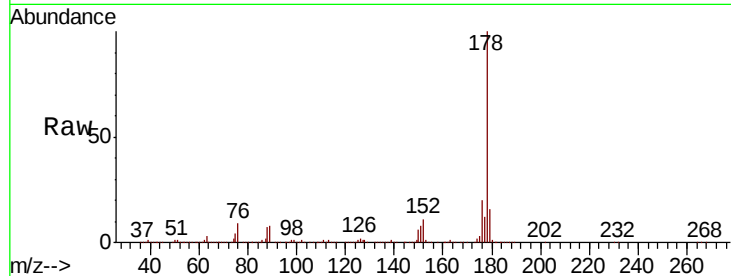
Tot Ion:178 Resp: 1955471

Ion Ratio Lower Upper

178 100

176 20.1 16.6 24.8

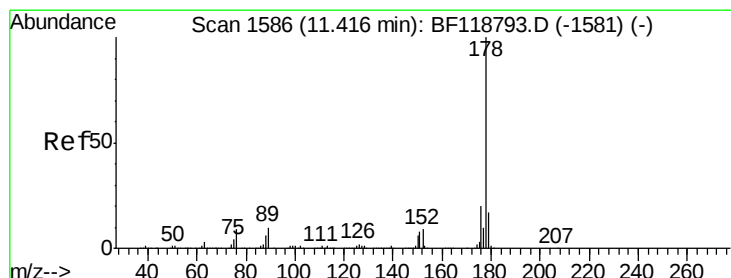
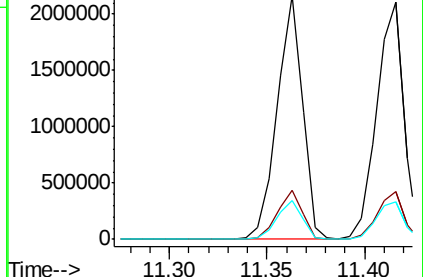
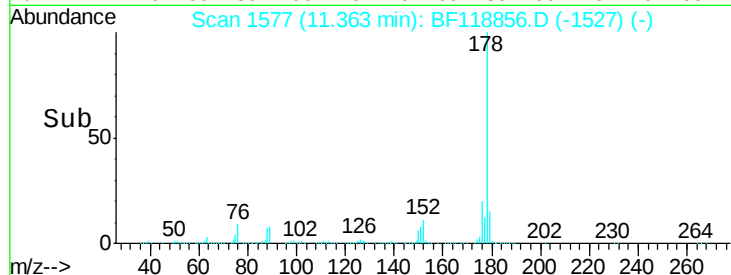
179 16.1 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 47.652 ng

RT: 11.42 min Scan# 1586

Delta R.T. 0.00 min

Lab File: BF118856.D

Acq: 7 Feb 2020 17:50

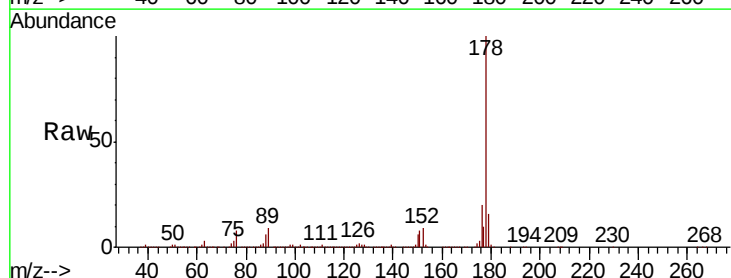
Tgt Ion:178 Resp: 2027574

Ion Ratio Lower Upper

178 100

176 19.9 16.2 24.2

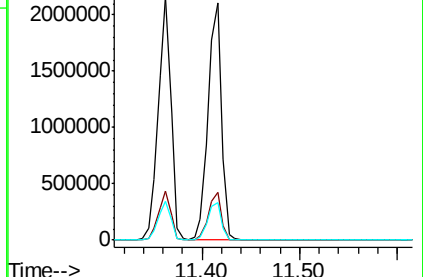
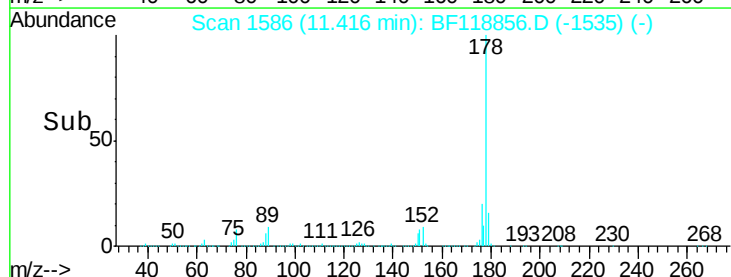
179 15.9 13.4 20.2

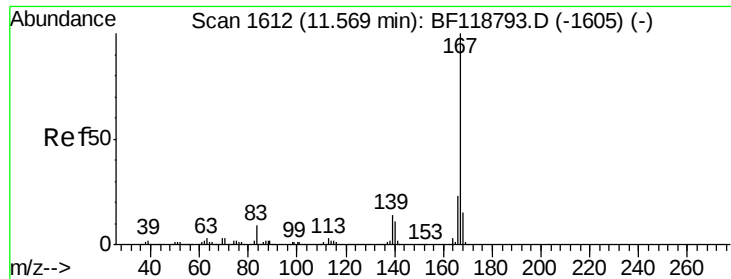


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

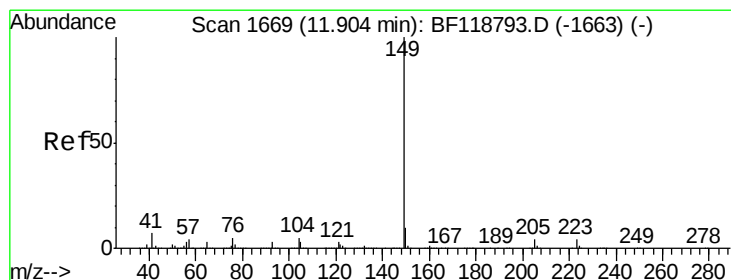
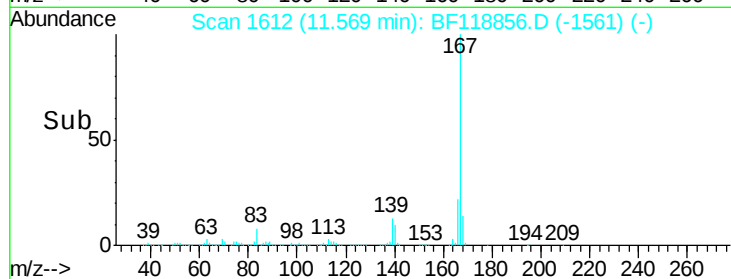
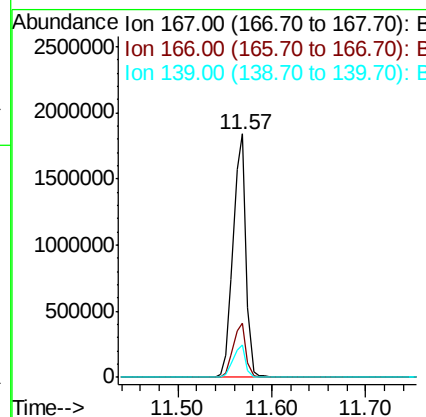
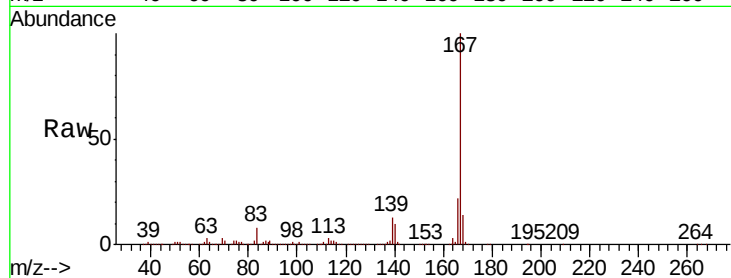




#73
 Carbazole
 Concen: 46.941 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: BF118856.D
 Acq: 7 Feb 2020 17:50

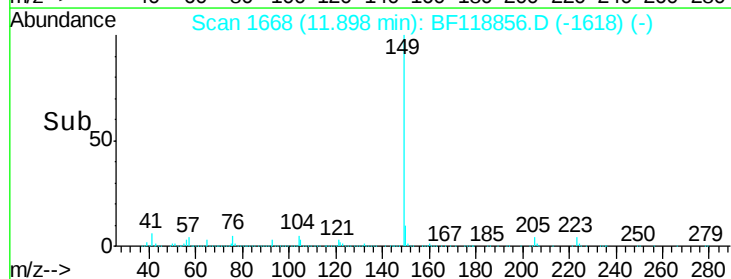
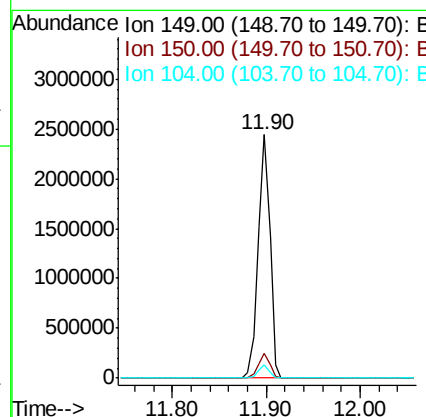
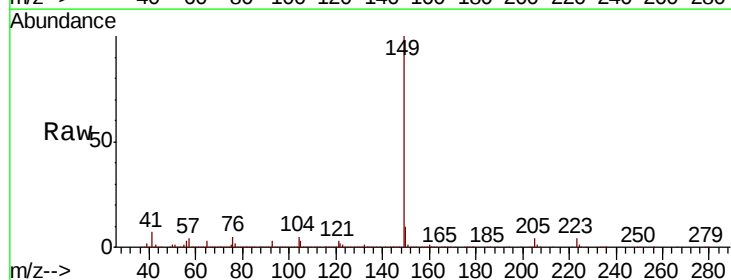
Instrument :
 BNA_F
 ClientSampleId :

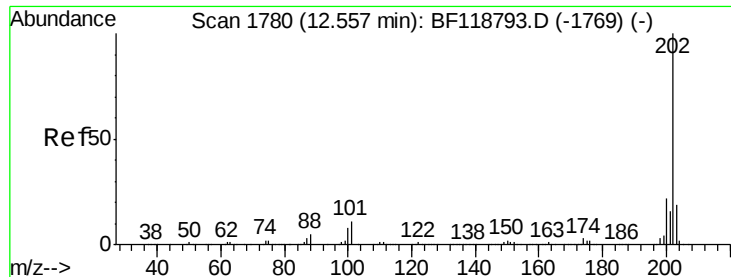
Tot Ion:167 Resp: 1752865
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.4 27.6
 139 13.2 11.1 16.7



#74
 Di-n-butylphthalate
 Concen: 44.738 ng
 RT: 11.90 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BF118856.D
 Acq: 7 Feb 2020 17:50

Tgt Ion:149 Resp: 2128146
 Ion Ratio Lower Upper
 149 100
 150 10.0 8.1 12.1
 104 5.3 4.3 6.5





#75

Fluoranthene

Concen: 40.897 ng

RT: 12.55 min Scan# 1779

Delta R.T. -0.01 min

Lab File: BF118856.D

Acq: 7 Feb 2020 17:50

Instrument :

BNA_F

ClientSampleId :

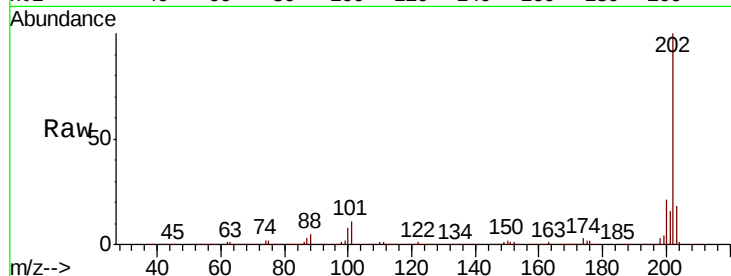
Tot Ion:202 Resp: 1909834

Ion Ratio Lower Upper

202 100

101 10.7 0.0 31.0

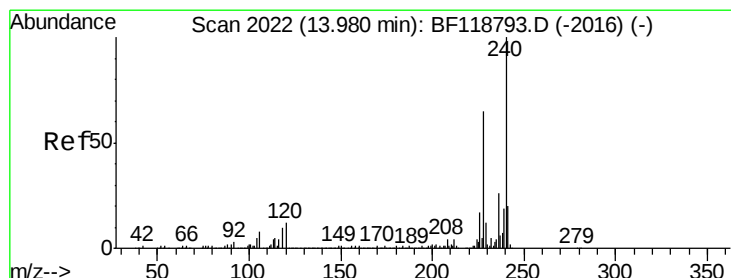
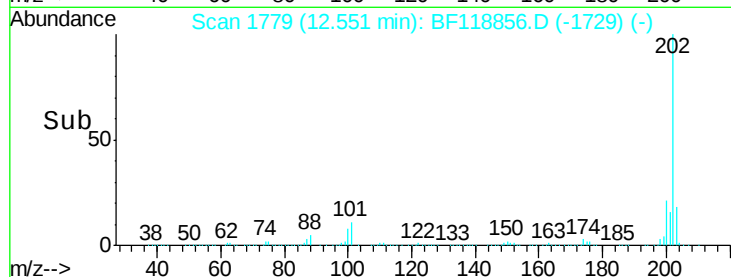
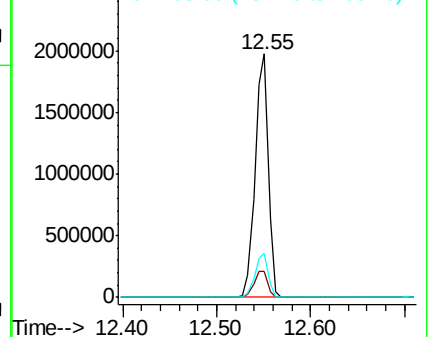
203 17.9 0.0 38.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BF118856.D

Acq: 7 Feb 2020 17:50

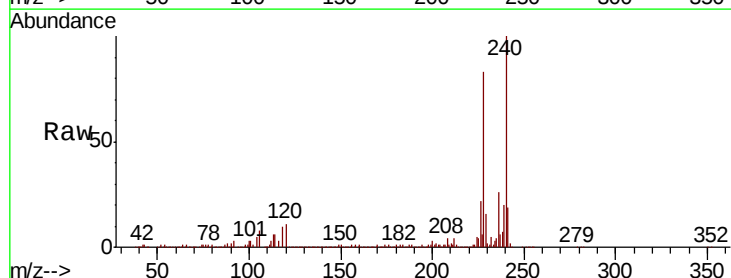
Tgt Ion:240 Resp: 596460

Ion Ratio Lower Upper

240 100

120 11.0 9.4 14.0

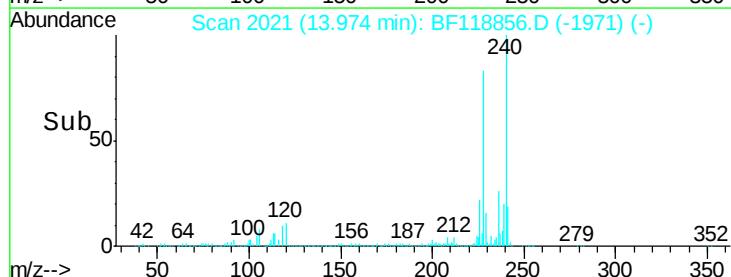
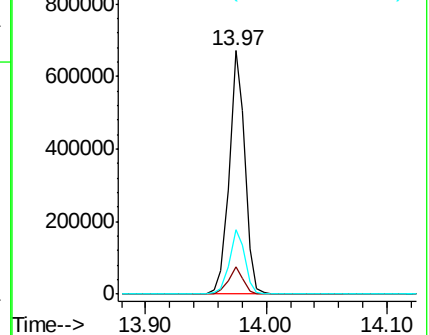
236 26.3 21.0 31.6

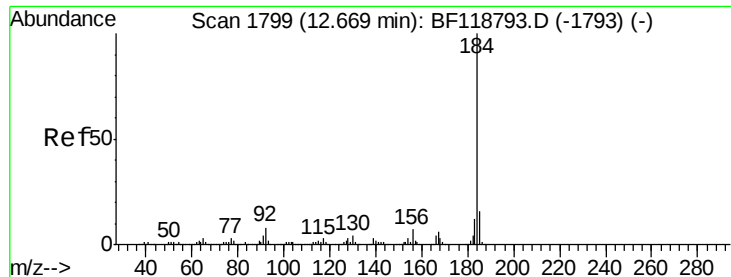


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 54.630 ng

RT: 12.67 min Scan# 1799

Delta R.T. 0.00 min

Lab File: BF118856.D

Acq: 7 Feb 2020 17:50

Instrument :

BNA_F

ClientSampleId :

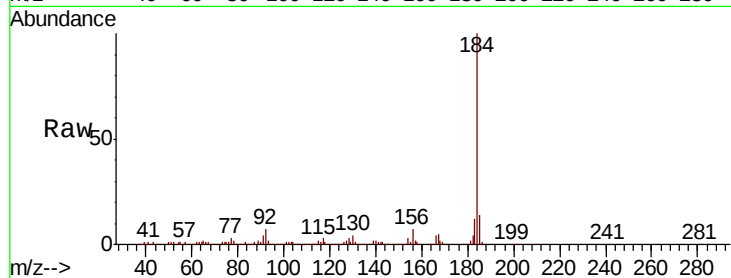
Tot Ion:184 Resp: 985545

Ion Ratio Lower Upper

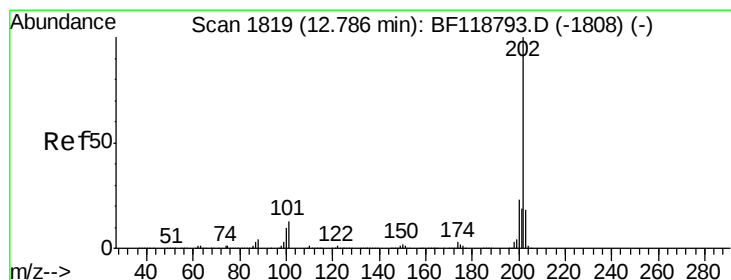
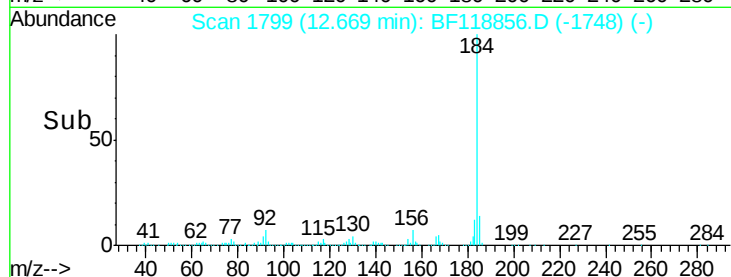
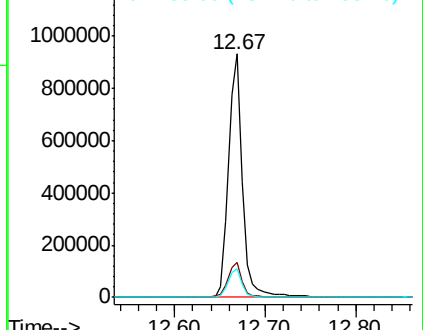
184 100

185 14.1 12.5 18.7

183 11.9 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: 46.127 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF118856.D

Acq: 7 Feb 2020 17:50

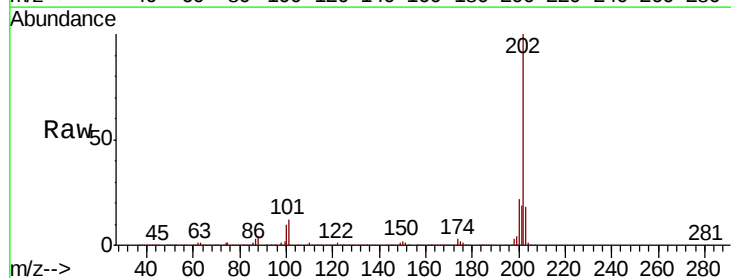
Tgt Ion:202 Resp: 1887447

Ion Ratio Lower Upper

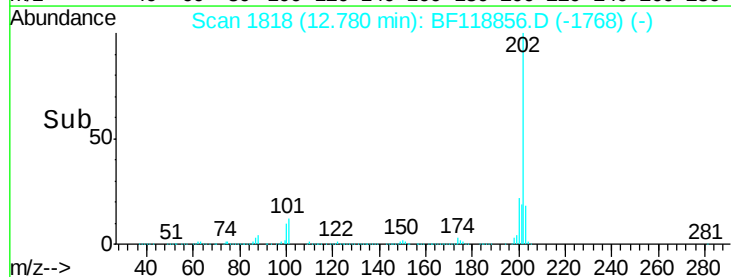
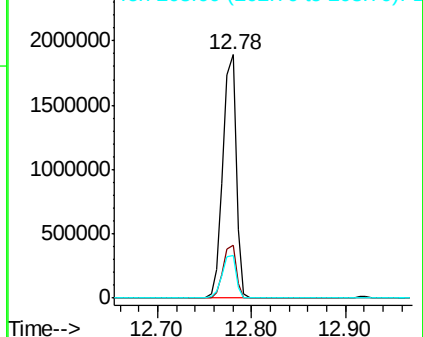
202 100

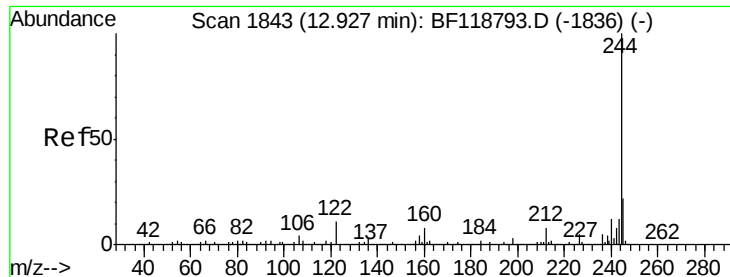
200 21.8 18.2 27.2

203 17.8 14.8 22.2



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: 94.637 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.01 min

Lab File: BF118856.D

Acq: 7 Feb 2020 17:50

Instrument :

BNA_F

ClientSampleId :

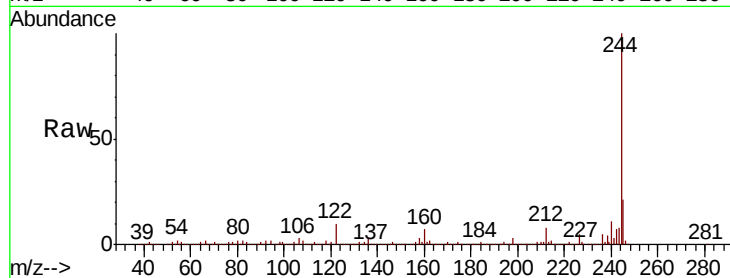
Tot Ion:244 Resp: 2748112

Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

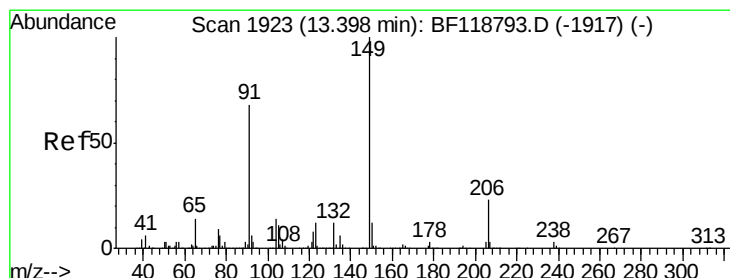
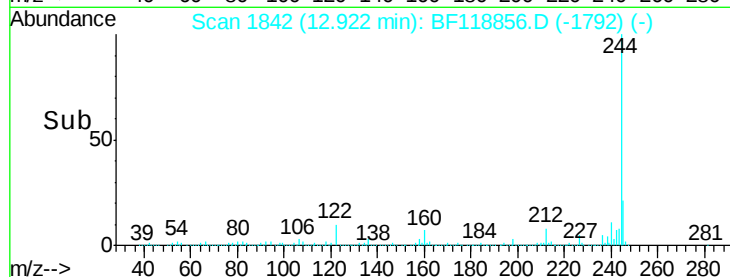
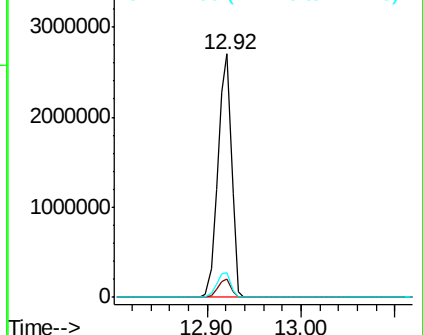
122 10.0 8.9 13.3



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: 43.244 ng

RT: 13.39 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BF118856.D

Acq: 7 Feb 2020 17:50

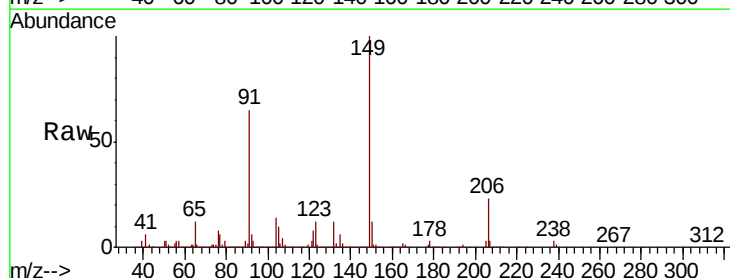
Tgt Ion:149 Resp: 807641

Ion Ratio Lower Upper

149 100

91 65.1 54.7 82.1

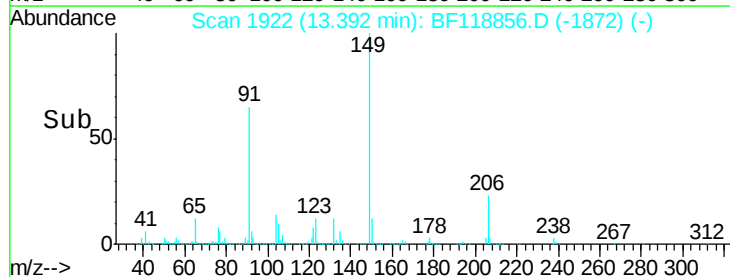
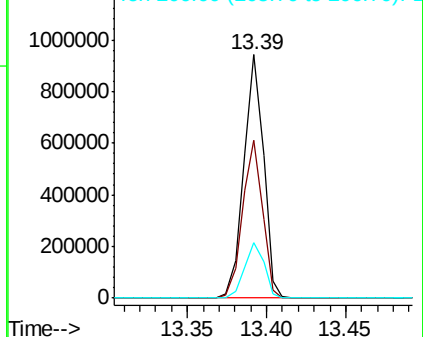
206 22.8 18.5 27.7

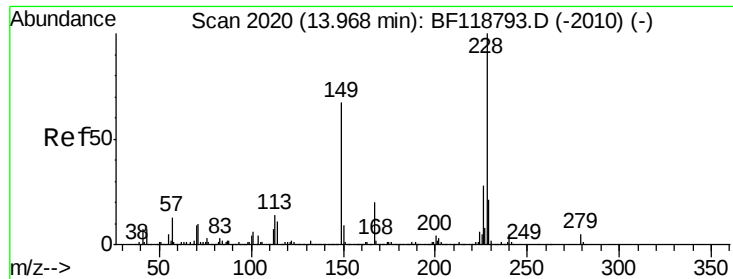


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 48.777 ng

RT: 13.97 min Scan# 2020

Delta R.T. 0.00 min

Lab File: BF118856.D

Acq: 7 Feb 2020 17:50

Instrument :

BNA_F

ClientSampled :

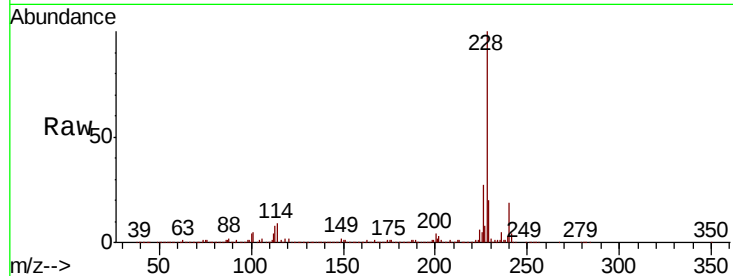
Tot Ion:228 Resp: 1731237

Ion Ratio Lower Upper

228 100

226 27.5 22.7 34.1

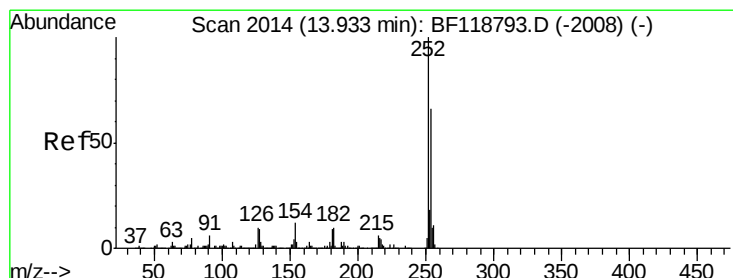
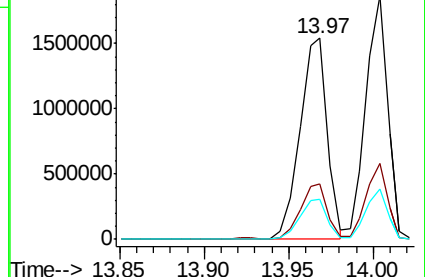
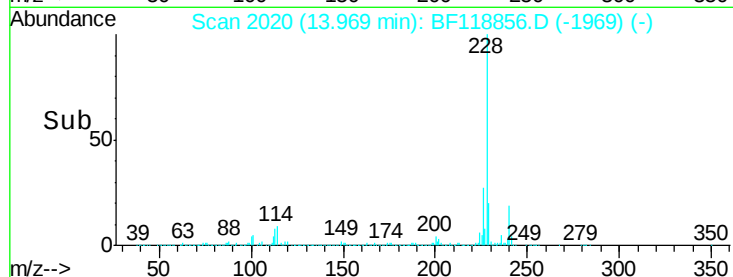
229 20.1 16.6 25.0



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: 47.764 ng

RT: 13.93 min Scan# 2013

Delta R.T. -0.01 min

Lab File: BF118856.D

Acq: 7 Feb 2020 17:50

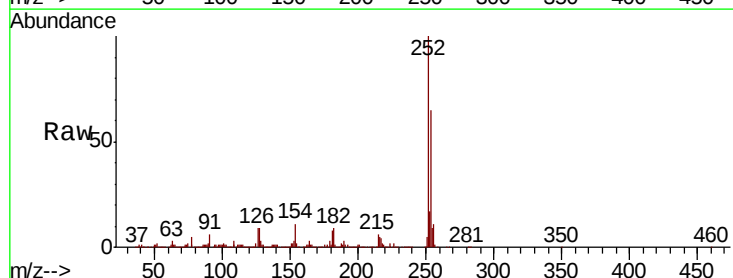
Tgt Ion:252 Resp: 693366

Ion Ratio Lower Upper

252 100

254 64.7 52.4 78.6

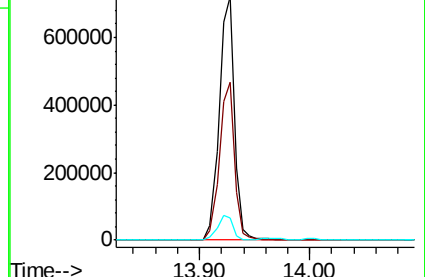
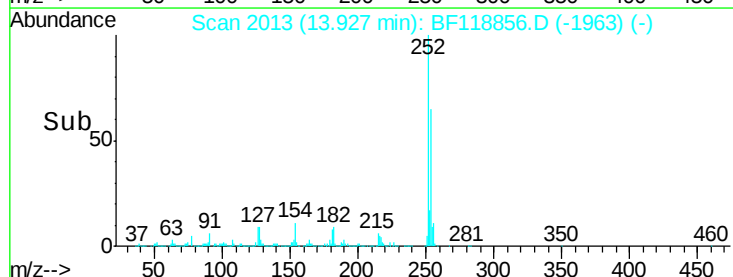
126 8.9 7.8 11.8

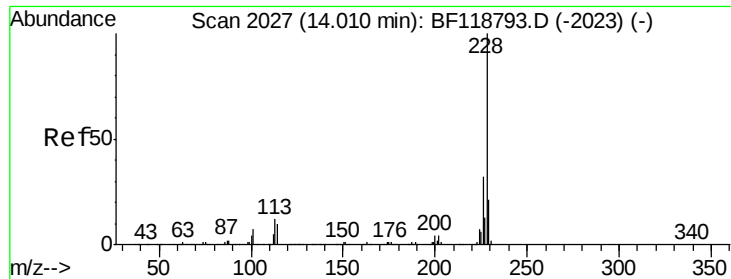


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

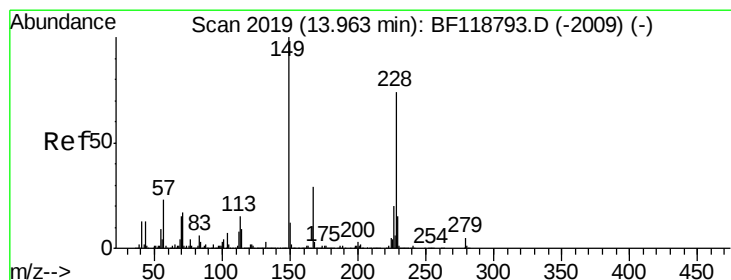
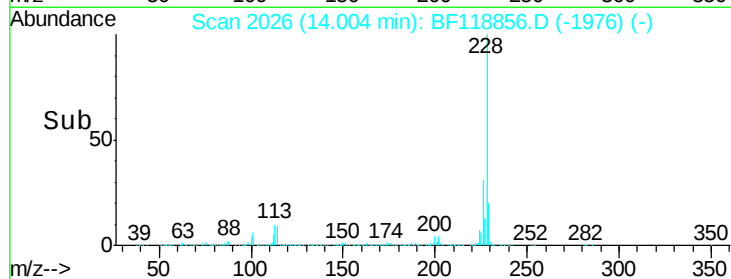
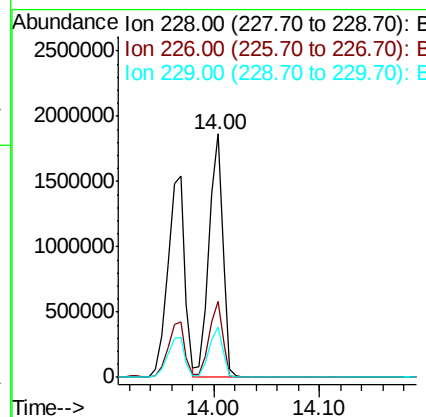
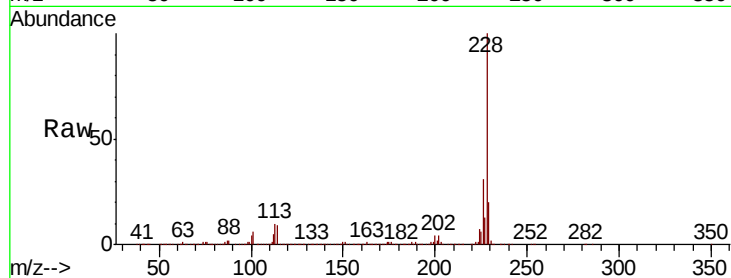




#83
 Chrvsene
 Concen: 47.281 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF118856.D
 Acq: 7 Feb 2020 17:50

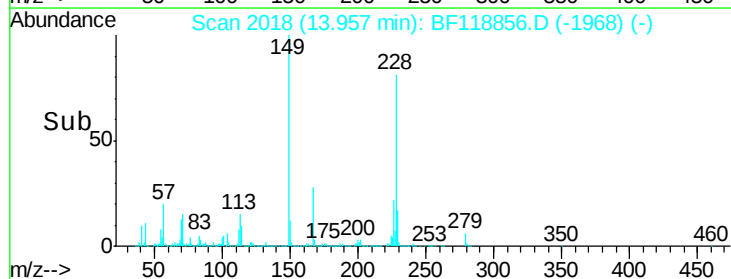
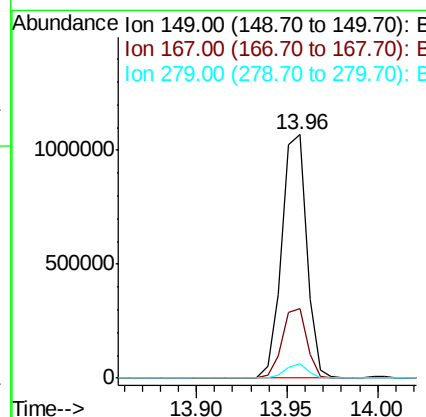
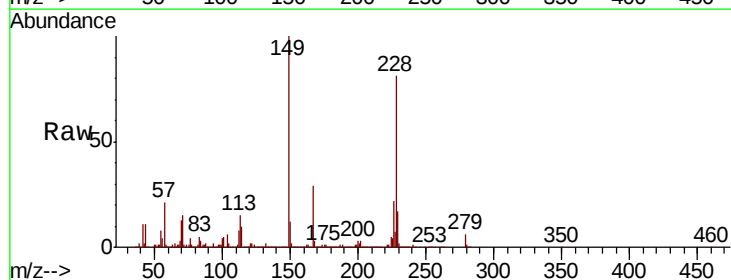
Instrument :
 BNA_F
 ClientSampleId :

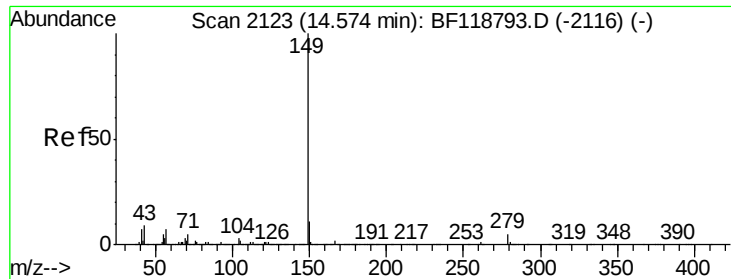
Tot Ion:228 Resp: 1684266
 Ion Ratio Lower Upper
 228 100
 226 31.0 25.4 38.0
 229 20.5 16.9 25.3



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.243 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. -0.01 min
 Lab File: BF118856.D
 Acq: 7 Feb 2020 17:50

Tgt Ion:149 Resp: 1024655
 Ion Ratio Lower Upper
 149 100
 167 28.5 23.0 34.6
 279 5.8 4.4 6.6

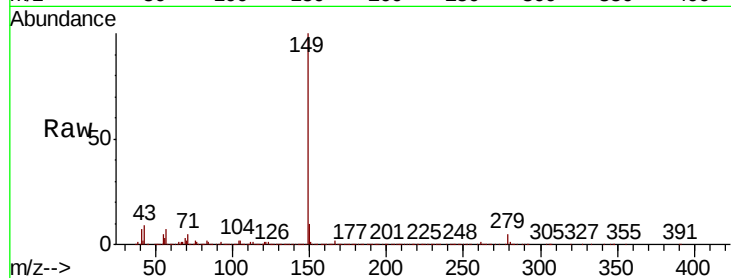




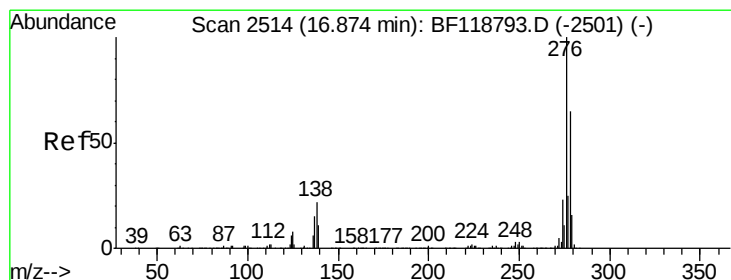
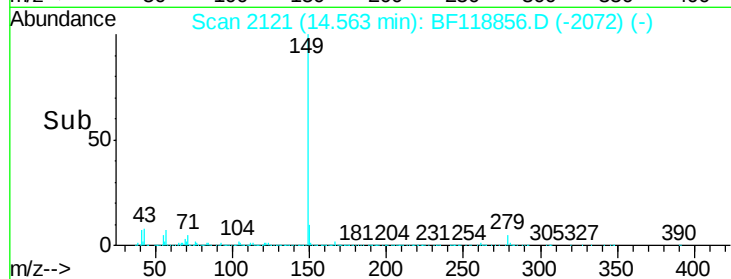
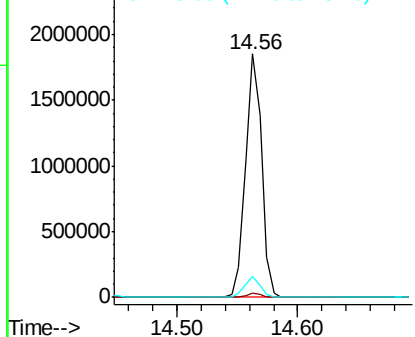
#85
Di-n-octyl phthalate
Concen: 42.580 ng
RT: 14.56 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BF118856.D
Acq: 7 Feb 2020 17:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 1728451
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 8.1 6.6 10.0

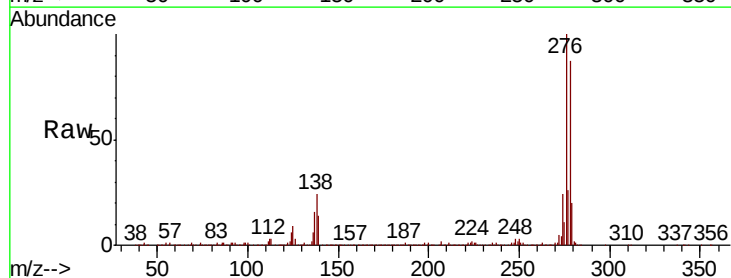


Abundance Ion 149.00 (148.70 to 149.70): E
2500000 Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

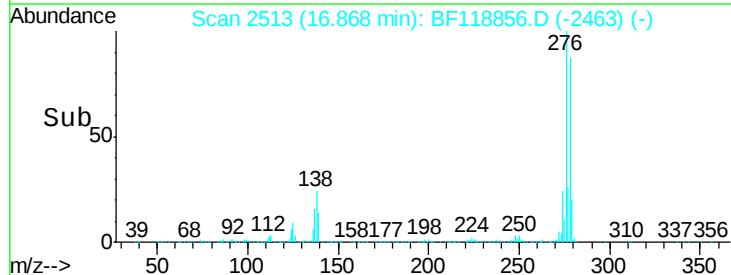
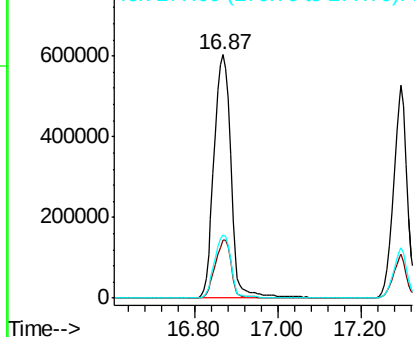


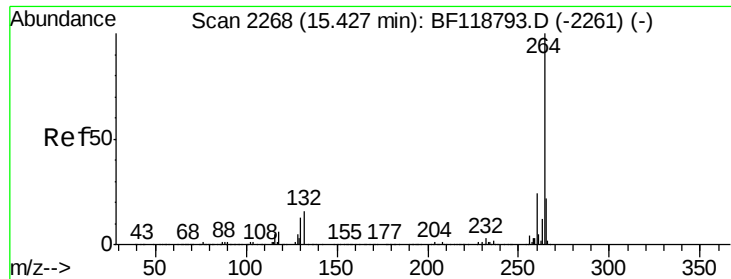
#86
Indeno(1,2,3-cd)pyrene
Concen: 47.561 ng
RT: 16.87 min Scan# 2513
Delta R.T. -0.01 min
Lab File: BF118856.D
Acq: 7 Feb 2020 17:50

Tgt Ion:276 Resp: 1702261
Ion Ratio Lower Upper
276 100
138 22.8 18.3 27.5
277 25.5 20.2 30.4



Abundance Ion 276.00 (275.70 to 276.70): E
800000 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: 15.42 min Scan# 2267

Delta R.T. -0.01 min

Lab File: BF118856.D

Acq: 7 Feb 2020 17:50

Instrument :

BNA_F

ClientSampleId :

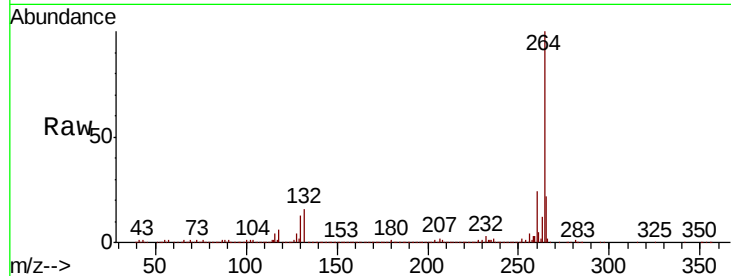
Tot Ion:264 Resp: 700043

Ion Ratio Lower Upper

264 100

260 23.7 19.1 28.7

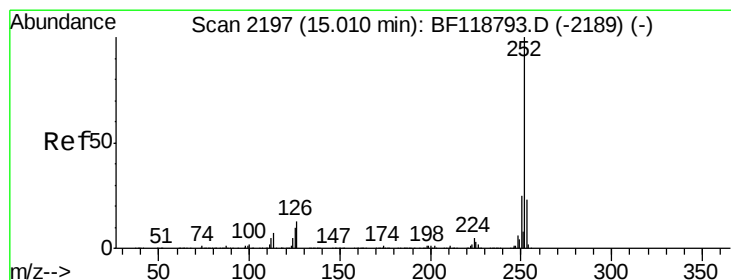
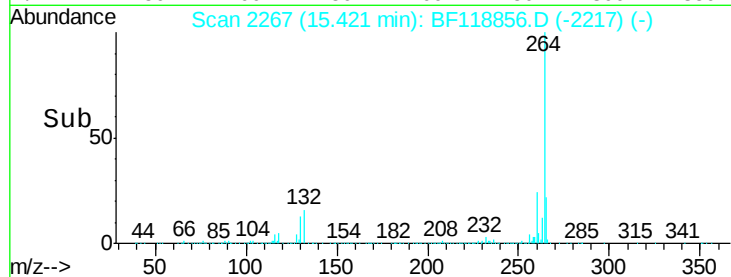
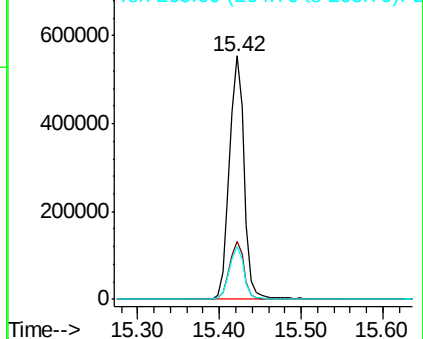
265 22.0 17.2 25.8



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: 46.092 ng

RT: 15.01 min Scan# 2197

Delta R.T. 0.00 min

Lab File: BF118856.D

Acq: 7 Feb 2020 17:50

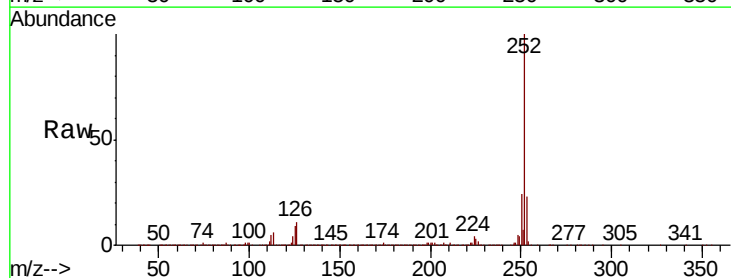
Tgt Ion:252 Resp: 2002197

Ion Ratio Lower Upper

252 100

253 22.5 18.4 27.6

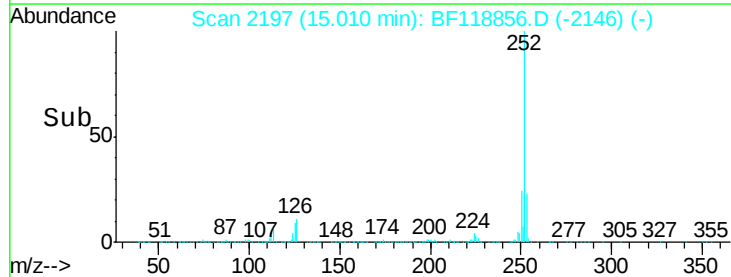
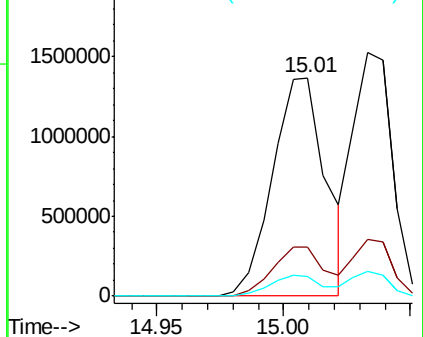
125 8.9 8.1 12.1

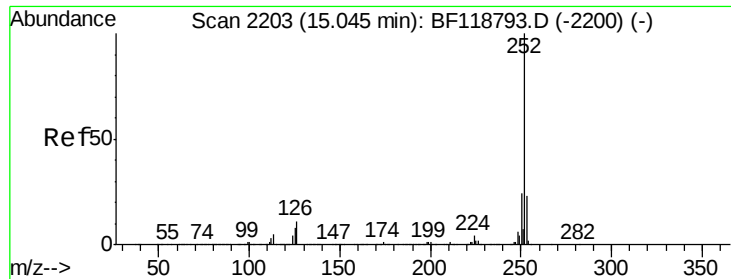


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

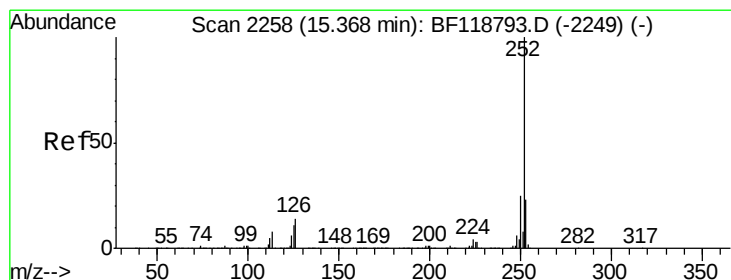
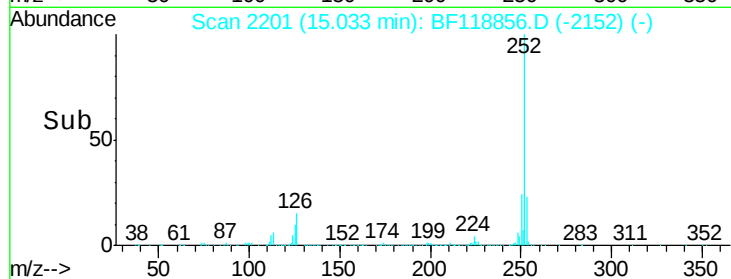
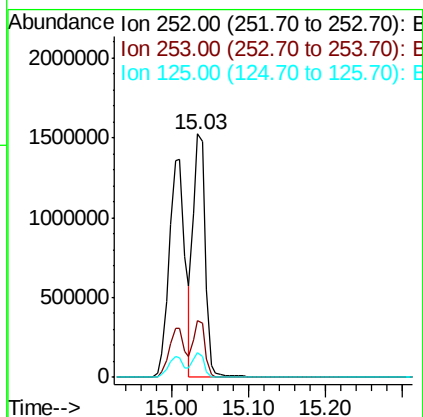
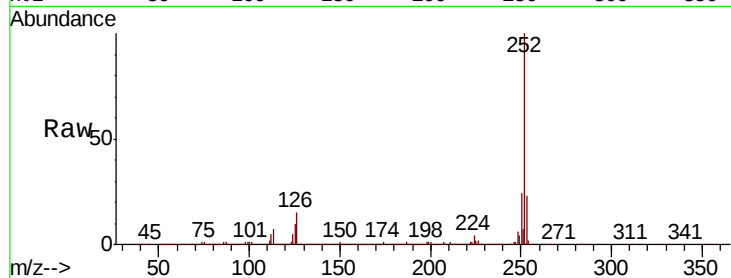




#89
Benzo(k)fluoranthene
Concen: 44.643 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BF118856.D
Acq: 7 Feb 2020 17:50

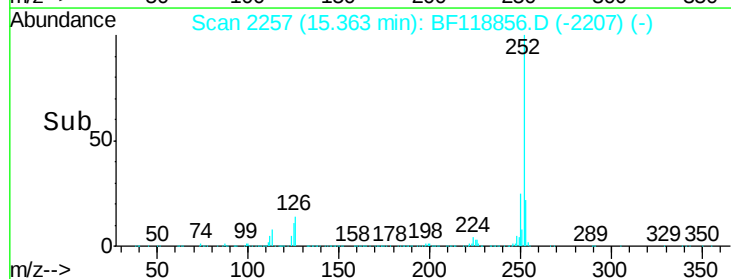
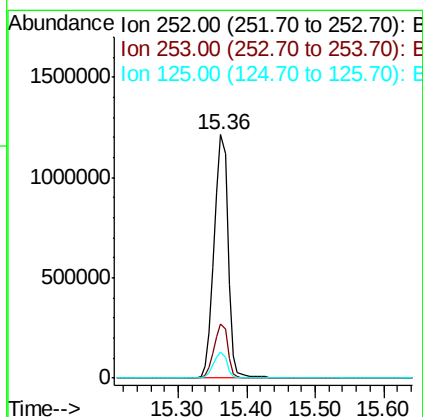
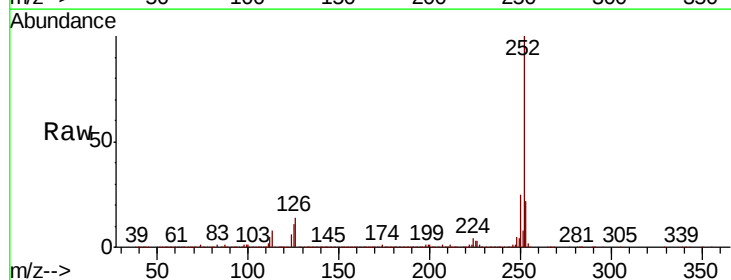
Instrument :
BNA_F
ClientSampleId :

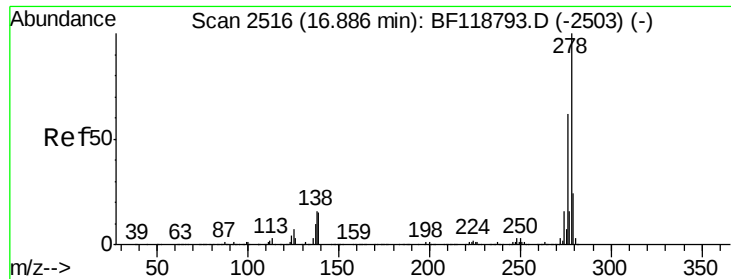
Tot Ion:252 Resp: 1688710
Ion Ratio Lower Upper
252 100
253 23.1 18.2 27.4
125 10.3 7.0 10.6



#90
Benzo(a)pyrene
Concen: 45.615 ng
RT: 15.36 min Scan# 2257
Delta R.T. -0.01 min
Lab File: BF118856.D
Acq: 7 Feb 2020 17:50

Tgt Ion:252 Resp: 1695740
Ion Ratio Lower Upper
252 100
253 22.4 18.1 27.1
125 10.8 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 44.063 ng

RT: 16.88 min Scan# 2515

Delta R.T. -0.01 min

Lab File: BF118856.D

Acq: 7 Feb 2020 17:50

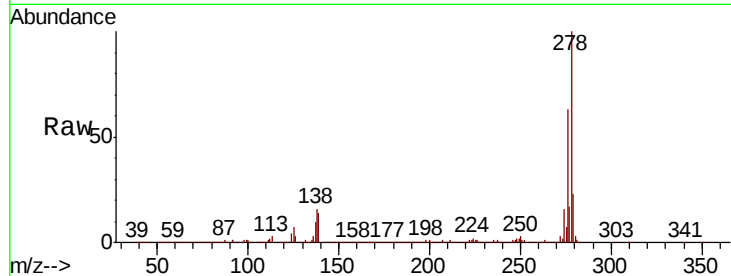
Instrument :

BNA_F

ClientSampled :

Tot Ion:278 Resp: 1454159

Ion	Ratio	Lower	Upper
278	100		
139	14.4	12.3	18.5
279	23.5	19.1	28.7

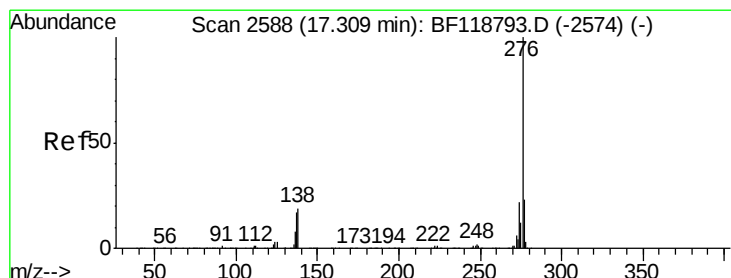
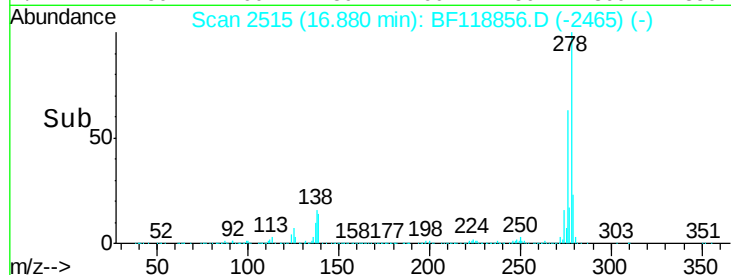
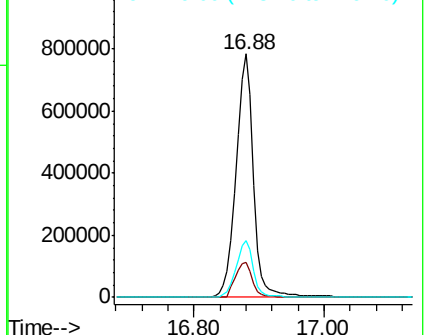


Abundance

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: 41.300 ng

RT: 17.30 min Scan# 2586

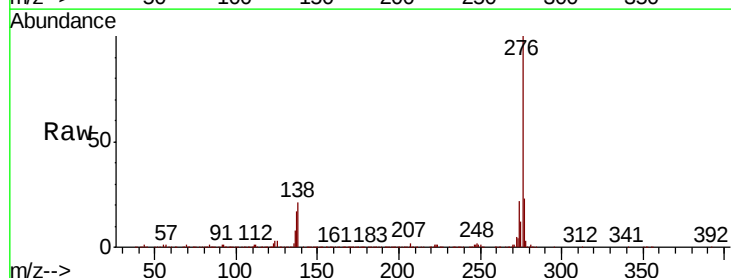
Delta R.T. -0.01 min

Lab File: BF118856.D

Acq: 7 Feb 2020 17:50

Tgt Ion:276 Resp: 1310788

Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.7	28.1
138	20.7	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

