

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020320\
 Data File : BF118798.D
 Acq On : 3 Feb 2020 16:09
 Operator : CG/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 03 16:55:42 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	293468	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	1109712	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	638817	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	1228945	20.00	ng	0.00
76) Chrysene-d12	13.99	240	1042702	20.00	ng	0.00
87) Perylene-d12	15.43	264	1188461	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.43	112	1289798	83.19	ng	0.00
7) Phenol-d6	6.45	99	1589576	82.60	ng	0.00
23) Nitrobenzene-d5	7.38	82	1481083	79.55	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	629392	82.34	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	2932948	82.08	ng	0.00
79) Terphenyl-d14	12.93	244	3670667	72.31	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.55	88	287022	40.624	ng	100
3) Pyridine	3.29	79	822928	41.945	ng	98
4) n-Nitrosodimethylamine	3.23	42	293456	41.083	ng	97
6) Aniline	6.48	93	1030673	41.582	ng	99
8) 2-Chlorophenol	6.60	128	711954	41.229	ng	99
9) Benzaldehyde	6.36	77	455243	41.560	ng	98
10) Phenol	6.46	94	887680	41.482	ng	98
11) bis(2-Chloroethyl)ether	6.55	93	676423	41.317	ng	99
12) 1,3-Dichlorobenzene	6.76	146	844493	41.086	ng	96
13) 1,4-Dichlorobenzene	6.84	146	851108	41.512	ng	98
14) 1,2-Dichlorobenzene	6.99	146	782853	39.971	ng	98
15) Benzyl Alcohol	6.96	79	625426	42.043	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.10	45	826724	41.235	ng	99
17) 2-Methylphenol	7.07	107	591937	41.231	ng	99
18) Hexachloroethane	7.33	117	302478	41.105	ng	99
19) n-Nitroso-di-n-propylamine	7.23	70	484460	41.142	ng	98
20) 3+4-Methylphenols	7.23	107	693903	38.560	ng	87
22) Acetophenone	7.23	105	966144	40.072	ng	98
24) Nitrobenzene	7.40	77	749856	40.317	ng	99
25) Isophorone	7.64	82	1329343	39.729	ng	99
26) 2-Nitrophenol	7.72	139	399466	40.307	ng	99
27) 2,4-Dimethylphenol	7.76	122	542399	40.289	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	869091	40.056	ng	99
29) 2,4-Dichlorophenol	7.96	162	652388	40.464	ng	99
30) 1,2,4-Trichlorobenzene	8.05	180	751088	39.856	ng	98
31) Naphthalene	8.12	128	2056345	40.516	ng	100
32) Benzoic acid	7.88	122	474772	42.594	ng	99
33) 4-Chloroaniline	8.17	127	903779	39.802	ng	99
34) Hexachlorobutadiene	8.25	225	463507	40.146	ng	99
35) Caprolactam	8.55	113	216223	41.369	ng	99
36) 4-Chloro-3-methylphenol	8.65	107	662823	40.851	ng	99
37) 2-Methylnaphthalene	8.82	142	1432279	40.690	ng	98
38) 1-Methylnaphthalene	8.92	142	1360438	41.084	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	764656	39.661	ng	99

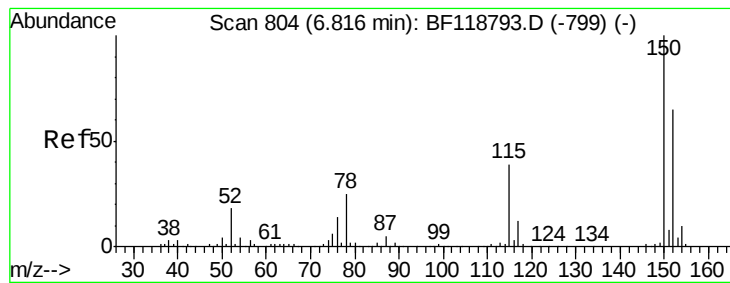
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020320\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	306397	40.529	nq	98
43) 2,4,6-Trichlorophenol	9.09	196	517078	40.106	nq	99
44) 2,4,5-Trichlorophenol	9.13	196	525933	39.924	nq	98
46) 1,1'-Biphenyl	9.28	154	1800409	40.743	nq	100
47) 2-Chloronaphthalene	9.30	162	1482390	40.352	nq	99
48) 2-Nitroaniline	9.40	65	429055	40.494	nq	98
49) Acenaphthylene	9.72	152	2186798	41.227	nq	99
50) Dimethylphthalate	9.58	163	1767573	40.636	nq	100
51) 2,6-Dinitrotoluene	9.64	165	406262	40.819	nq	99
52) Acenaphthene	9.89	154	1422426	40.696	nq	100
53) 3-Nitroaniline	9.81	138	449247	40.701	nq	100
54) 2,4-Dinitrophenol	9.92	184	205645	42.981	nq	# 89
55) Dibenzofuran	10.06	168	2000249	39.599	nq	99
56) 4-Nitrophenol	9.96	139	328077	41.069	nq	98
57) 2,4-Dinitrotoluene	10.05	165	553285	42.007	nq	97
58) Fluorene	10.41	166	1495178	39.345	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.18	232	465788	40.487	nq	100
60) Diethylphthalate	10.28	149	1771739	41.889	nq	99
61) 4-Chlorophenyl-phenylether	10.40	204	805417	39.081	nq	99
62) 4-Nitroaniline	10.42	138	456175	41.270	nq	100
63) Azobenzene	10.56	77	1469974	40.708	nq	100
65) 4,6-Dinitro-2-methylphenol	10.45	198	282891	40.965	nq	99
66) n-Nitrosodiphenylamine	10.52	169	1432366	40.237	nq	99
67) 4-Bromophenyl-phenylether	10.89	248	574238	39.499	nq	100
68) Hexachlorobenzene	10.96	284	664174	39.831	nq	# 92
69) Atrazine	11.05	200	462125	38.966	nq	98
70) Pentachlorophenol	11.15	266	354243	40.234	nq	99
71) Phenanthrene	11.37	178	2396819	39.639	nq	100
72) Anthracene	11.42	178	2367741	39.362	nq	100
73) Carbazole	11.57	167	2153025	40.784	nq	100
74) Di-n-butylphthalate	11.90	149	2583032	38.410	nq	100
75) Fluoranthene	12.56	202	2607506	39.497	nq	99
77) Benzidine	12.67	184	1325846	42.041	nq	98
78) Pyrene	12.79	202	2646934	37.003	nq	100
80) Butylbenzylphthalate	13.40	149	1220083	37.369	nq	98
81) Benzo(a)anthracene	13.97	228	2473189	39.860	nq	99
82) 3,3'-Dichlorobenzidine	13.93	252	1038131	40.908	nq	99
83) Chrysene	14.02	228	2448574	39.320	nq	99
84) Bis(2-ethylhexyl)phthalate	13.97	149	1529333	36.920	nq	99
85) Di-n-octyl phthalate	14.57	149	2719558	38.324	nq	100
86) Indeno(1,2,3-cd)pyrene	16.89	276	2713396	43.367	nq	100
88) Benzo(b)fluoranthene	15.02	252	2966387	40.224	nq	100
89) Benzo(k)fluoranthene	15.04	252	2324846	36.202	nq	98
90) Benzo(a)pyrene	15.37	252	2479076	39.280	nq	100
91) Dibenzo(a,h)anthracene	16.90	278	2207460	39.400	nq	99
92) Benzo(g,h,i)perylene	17.32	276	2129660	39.525	nq	99

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

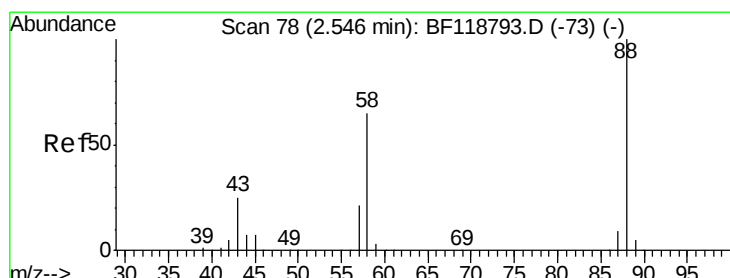
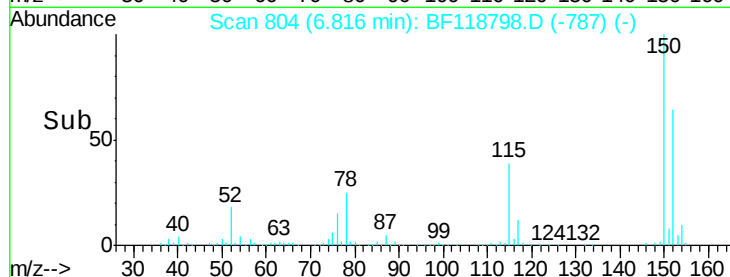
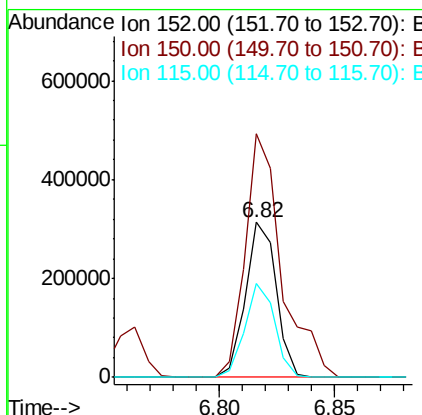
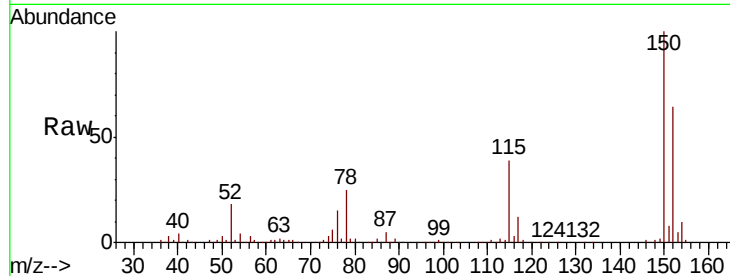


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF118798.D
Acq: 3 Feb 2020 16:09

Instrument :
BNA_F
ClientSampleId :

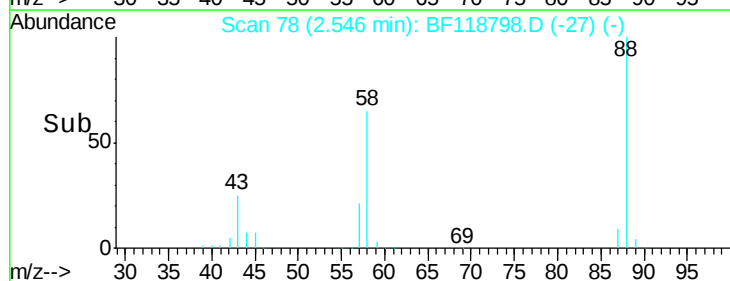
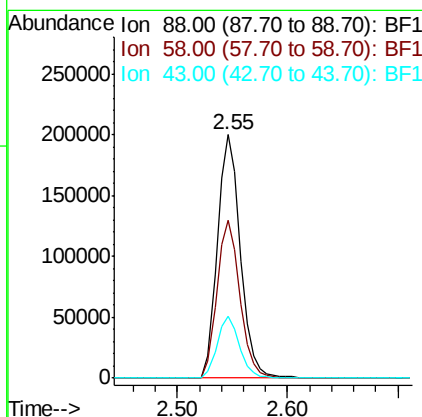
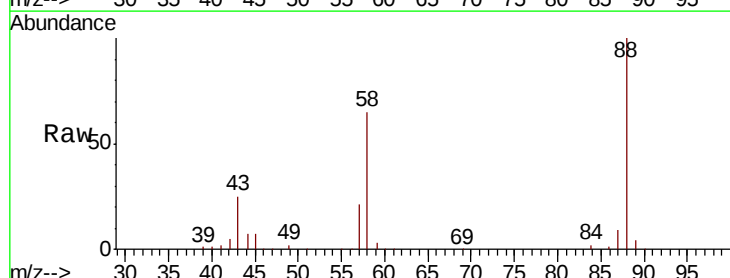
Tot Ion:152 Resp: 293468
Ion Ratio Lower Upper
152 100
150 157.0 123.6 185.4
115 60.7 48.2 72.2

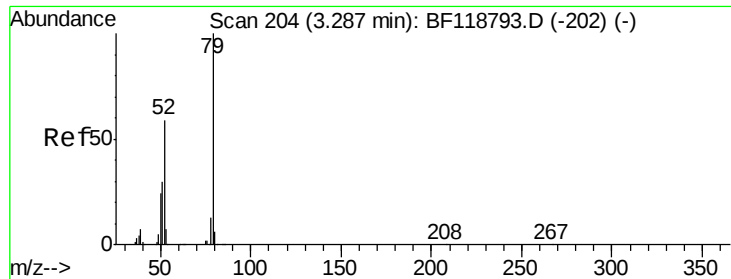


#2

1,4-Dioxane
Concen: 40.624 ng
RT: 2.55 min Scan# 78
Delta R.T. 0.00 min
Lab File: BF118798.D
Acq: 3 Feb 2020 16:09

Tgt Ion: 88 Resp: 287022
Ion Ratio Lower Upper
88 100
58 64.7 51.6 77.4
43 24.8 19.8 29.6

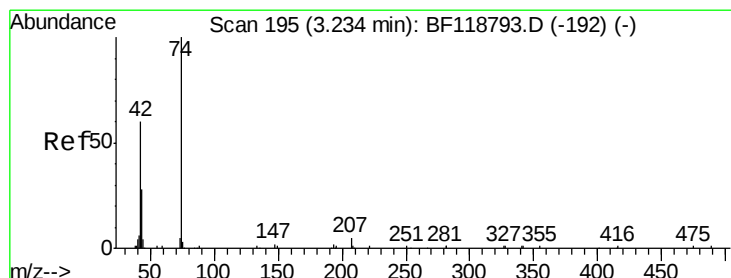
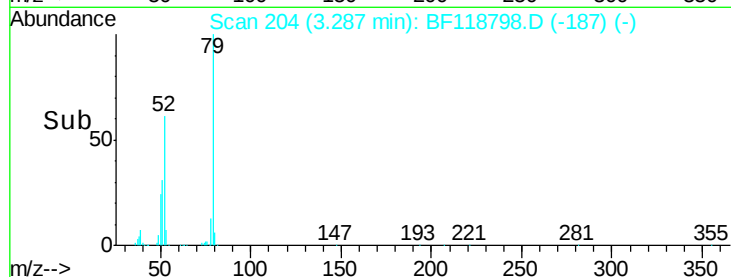
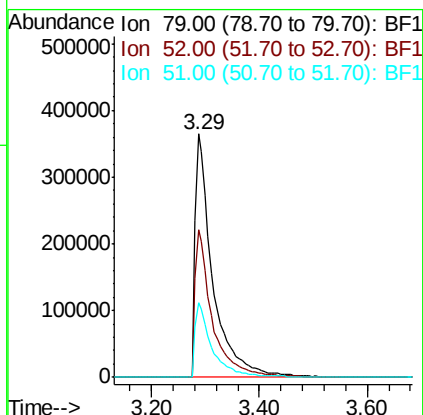
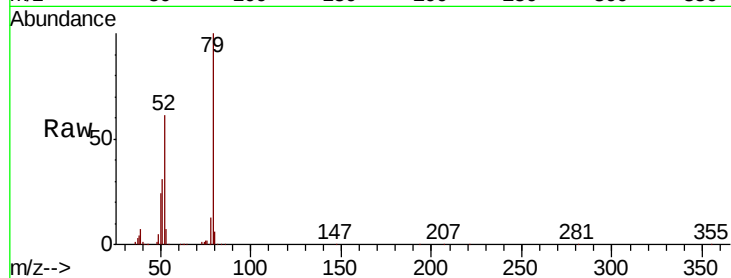




#3
 Pvridine
 Concen: 41.945 ng
 RT: 3.29 min Scan# 204
 Delta R.T. 0.00 min
 Lab File: BF118798.D
 Acq: 3 Feb 2020 16:09

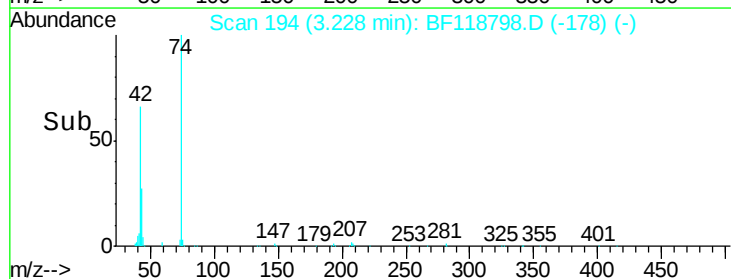
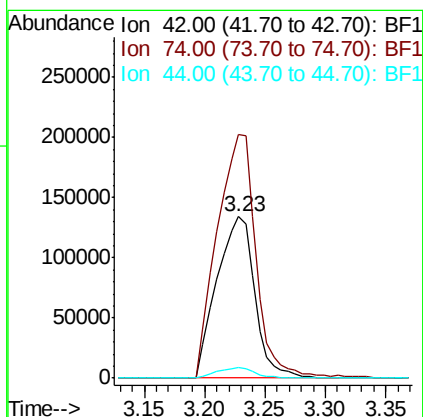
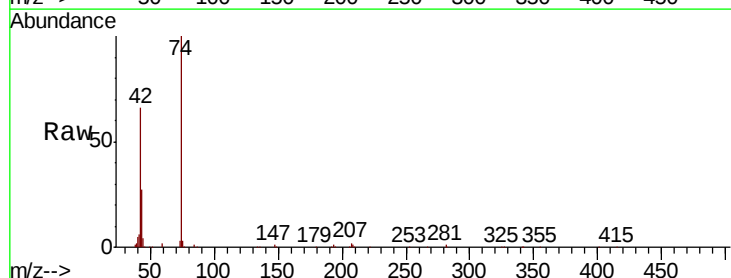
Instrument :
 BNA_F
 ClientSampleId :

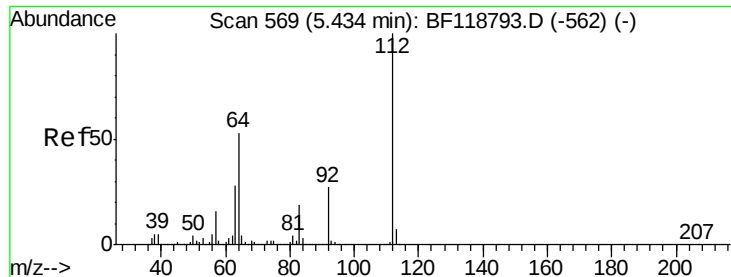
Tot Ion: 79 Resp: 822928
 Ion Ratio Lower Upper
 79 100
 52 60.7 47.4 71.0
 51 30.8 24.2 36.4



#4
 n-Nitrosodimethylamine
 Concen: 41.083 ng
 RT: 3.23 min Scan# 194
 Delta R.T. -0.01 min
 Lab File: BF118798.D
 Acq: 3 Feb 2020 16:09

Tgt Ion: 42 Resp: 293456
 Ion Ratio Lower Upper
 42 100
 74 151.0 124.3 186.5
 44 6.6 5.3 7.9





#5

2-Fluorophenol

Concen: 83.195 ng

RT: 5.43 min Scan# 569

Delta R.T. 0.00 min

Lab File: BF118798.D

Acq: 3 Feb 2020 16:09

Instrument :

BNA_F

ClientSampleId :

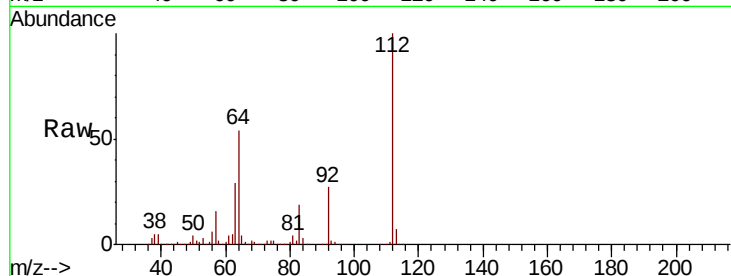
Tot Ion:112 Resp: 1289798

Ion Ratio Lower Upper

112 100

64 54.1 42.6 63.8

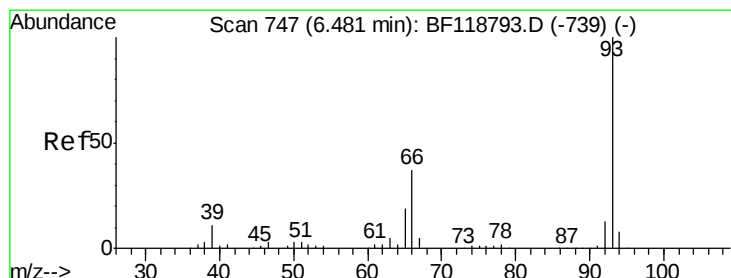
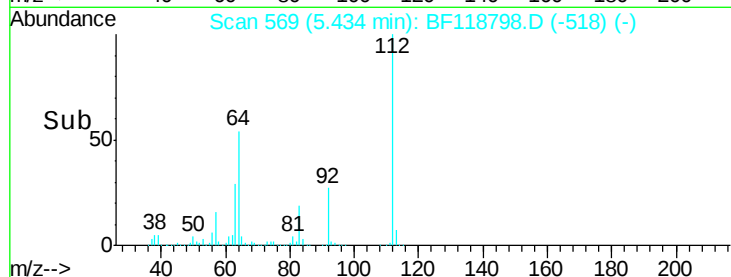
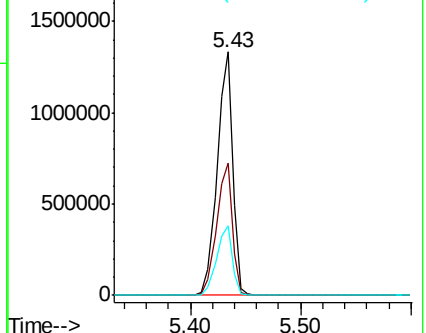
63 28.6 22.2 33.4



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: 41.582 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF118798.D

Acq: 3 Feb 2020 16:09

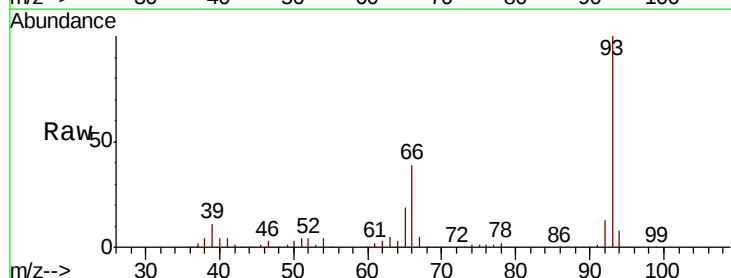
Tgt Ion: 93 Resp: 1030673

Ion Ratio Lower Upper

93 100

66 39.4 30.8 46.2

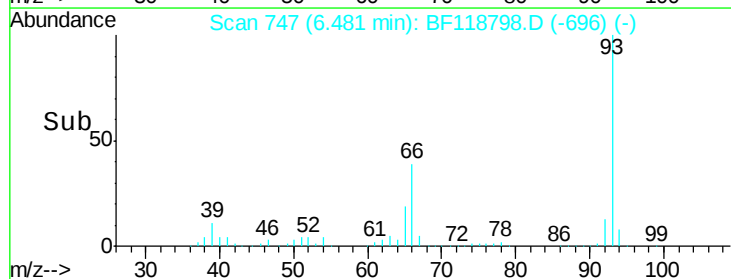
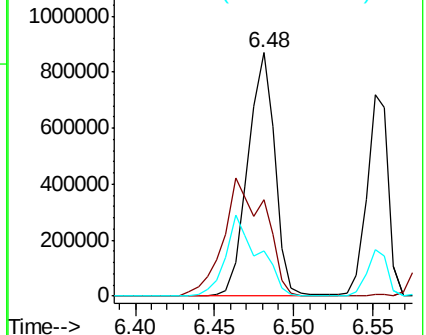
65 18.8 15.4 23.0

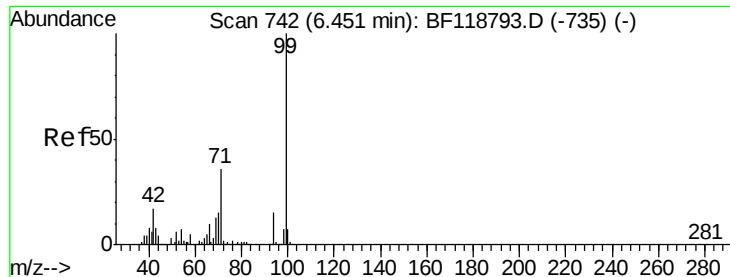


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 82.596 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF118798.D

Acq: 3 Feb 2020 16:09

Instrument :

BNA_F

ClientSampleId :

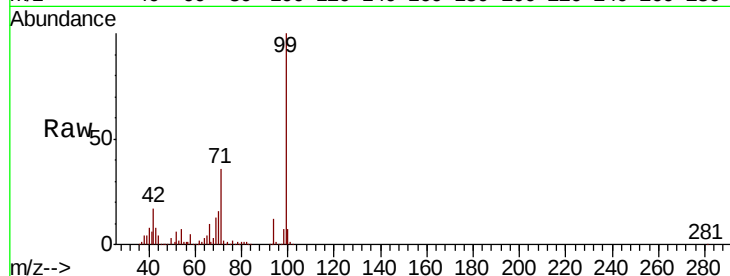
Tot Ion: 99 Resp: 1589576

Ion Ratio Lower Upper

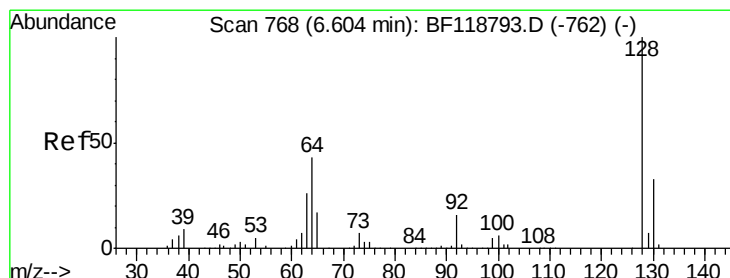
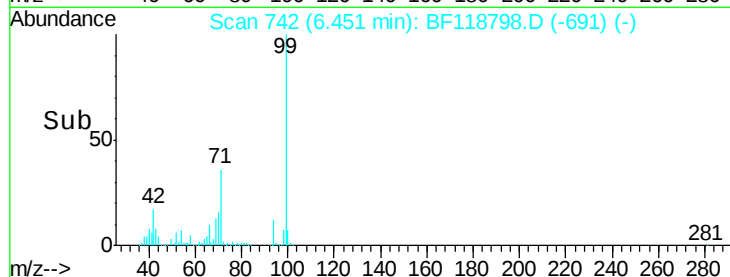
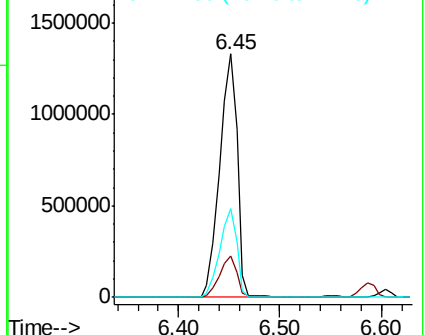
99 100

42 16.8 13.4 20.0

71 36.3 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: 41.229 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF118798.D

Acq: 3 Feb 2020 16:09

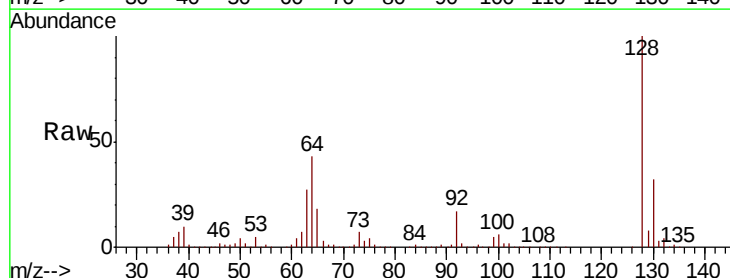
Tgt Ion: 128 Resp: 711954

Ion Ratio Lower Upper

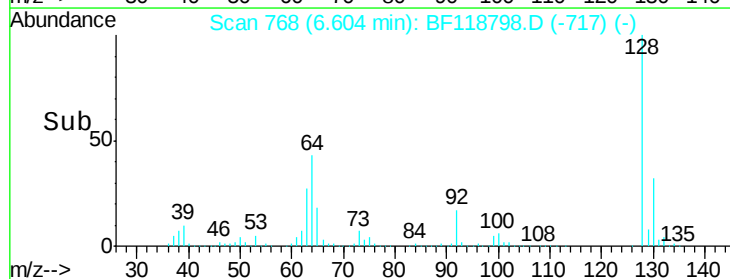
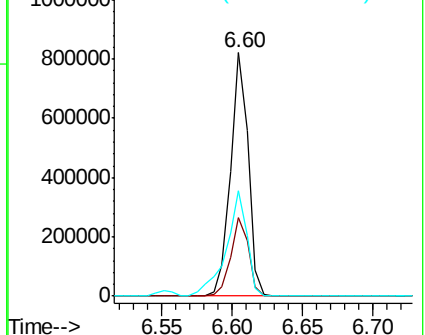
128 100

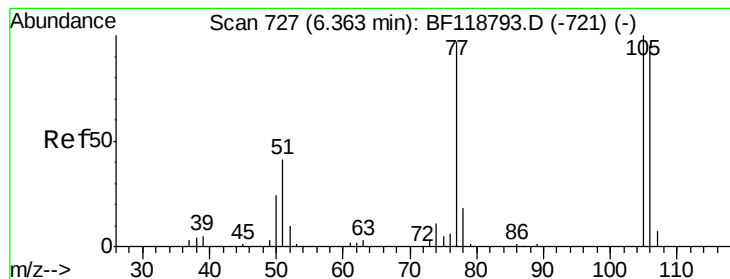
130 32.0 13.1 53.1

64 43.1 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: 41.560 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF118798.D

Acq: 3 Feb 2020 16:09

Instrument :

BNA_F

ClientSampleId :

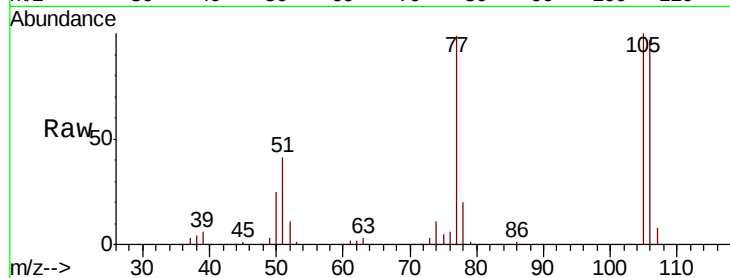
Tot Ion: 77 Resp: 455243

Ion Ratio Lower Upper

77 100

105 100.5 82.8 122.8

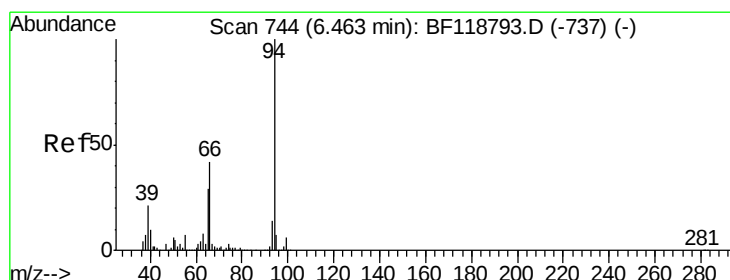
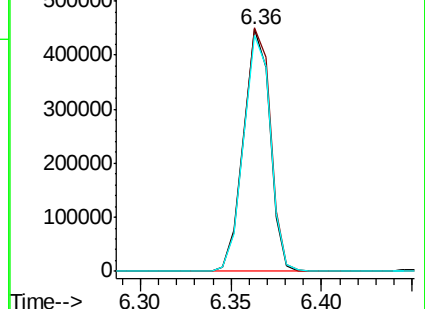
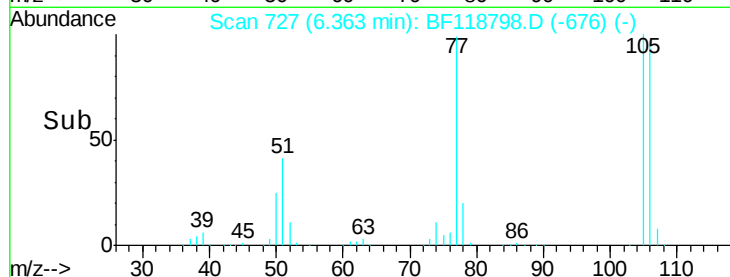
106 97.2 78.1 118.1



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: 41.482 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF118798.D

Acq: 3 Feb 2020 16:09

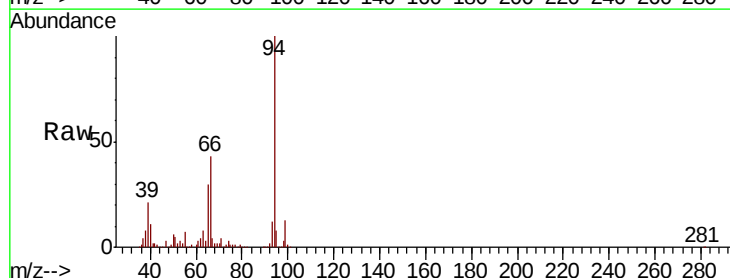
Tgt Ion: 94 Resp: 887680

Ion Ratio Lower Upper

94 100

65 29.6 9.1 49.1

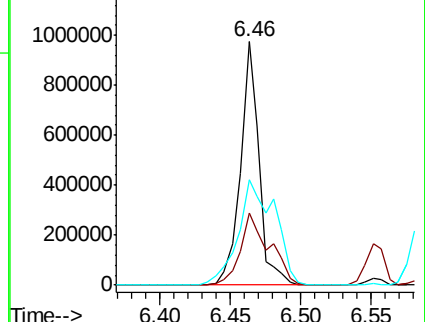
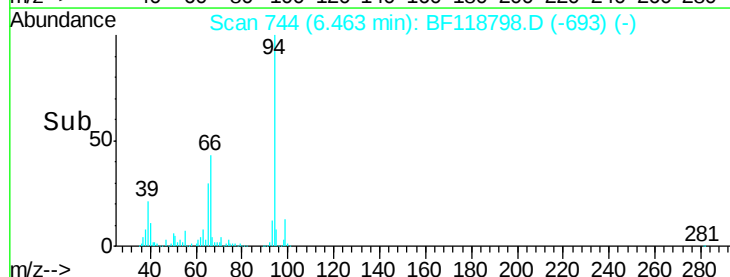
66 43.1 21.7 61.7

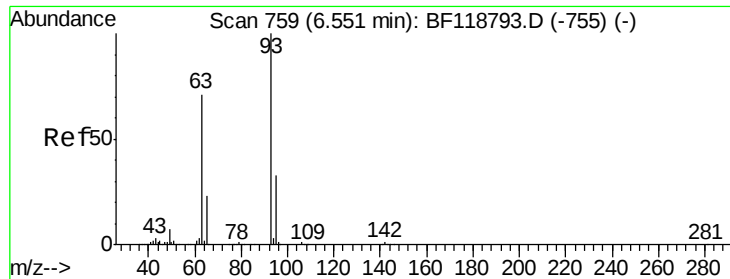


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

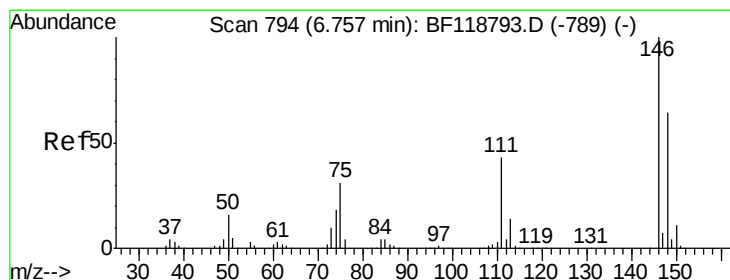
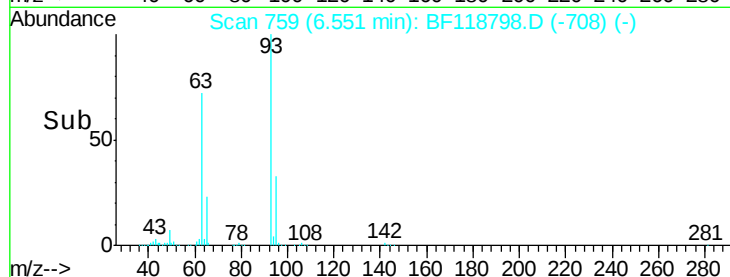
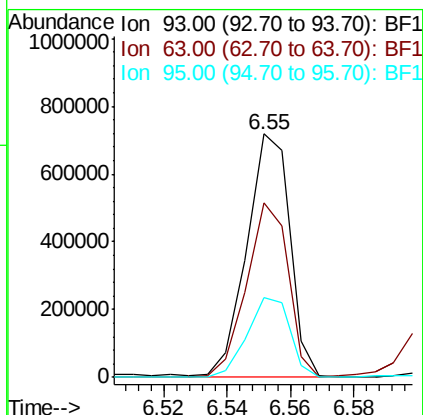
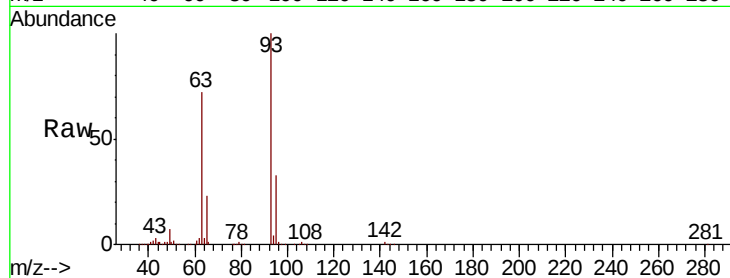




#11
 bis(2-Chloroethyl)ether
 Concen: 41.317 ng
 RT: 6.55 min Scan# 759
 Delta R.T. 0.00 min
 Lab File: BF118798.D
 Acq: 3 Feb 2020 16:09

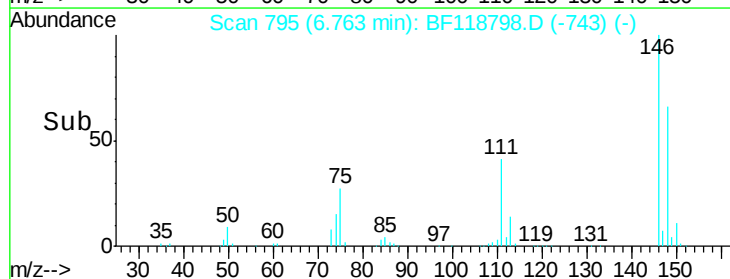
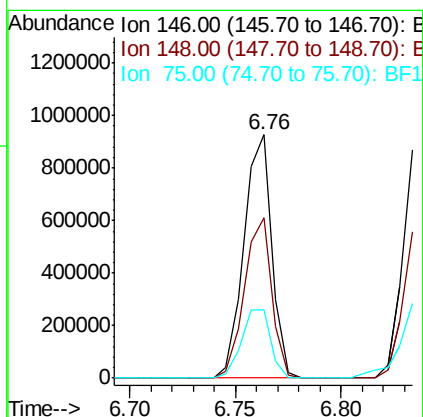
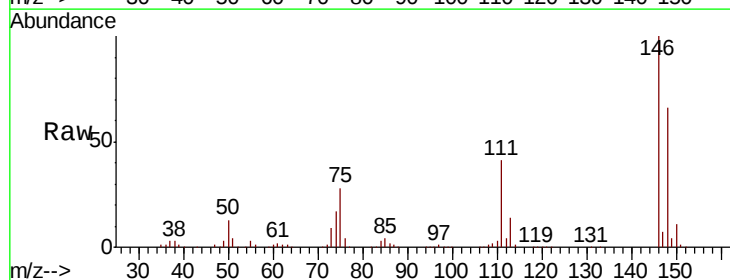
Instrument :
 BNA_F
 ClientSampleId :

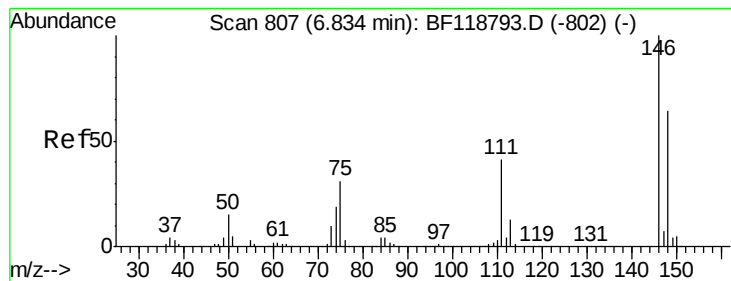
Tot Ion: 93 Resp: 676423
 Ion Ratio Lower Upper
 93 100
 63 71.6 50.7 90.7
 95 32.7 12.6 52.6



#12
 1,3-Dichlorobenzene
 Concen: 41.086 ng
 RT: 6.76 min Scan# 795
 Delta R.T. 0.01 min
 Lab File: BF118798.D
 Acq: 3 Feb 2020 16:09

Tgt Ion: 146 Resp: 844493
 Ion Ratio Lower Upper
 146 100
 148 65.9 51.1 76.7
 75 27.9 25.0 37.4





#13

1,4-Dichlorobenzene

Concen: 41.512 ng

RT: 6.84 min Scan# 808

Delta R.T. 0.01 min

Lab File: BF118798.D

Acq: 3 Feb 2020 16:09

Instrument :

BNA_F

ClientSampleId :

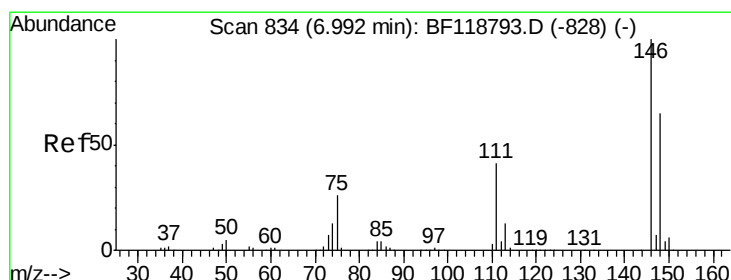
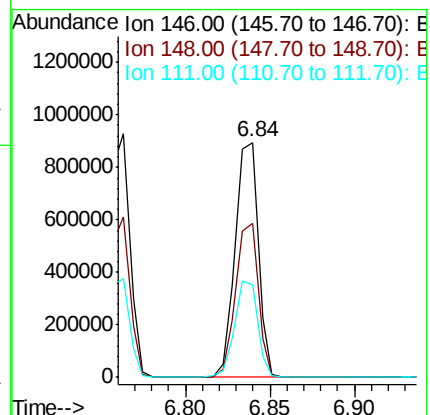
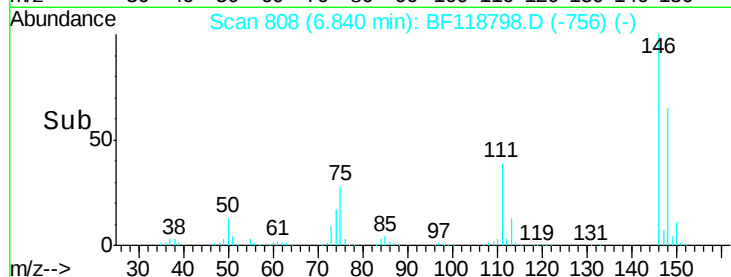
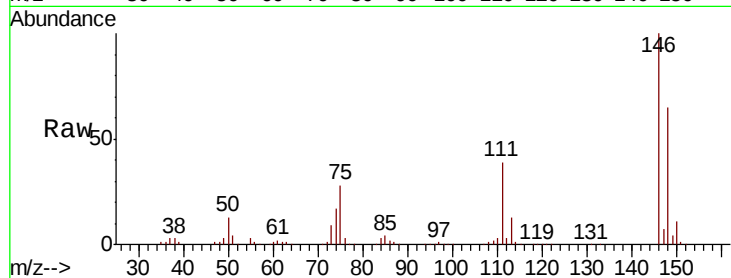
Tot Ion:146 Resp: 851108

Ion Ratio Lower Upper

146 100

148 65.3 51.6 77.4

111 39.2 32.9 49.3



#14

1,2-Dichlorobenzene

Concen: 39.971 ng

RT: 6.99 min Scan# 834

Delta R.T. 0.00 min

Lab File: BF118798.D

Acq: 3 Feb 2020 16:09

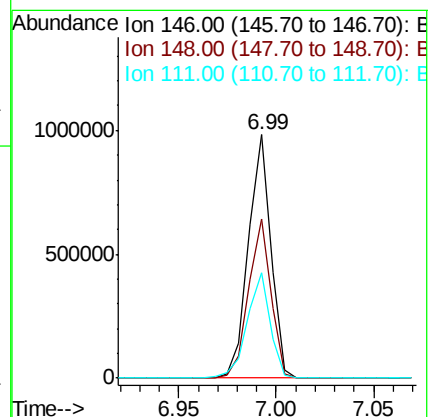
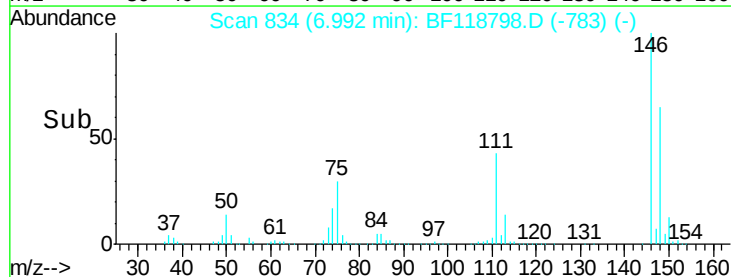
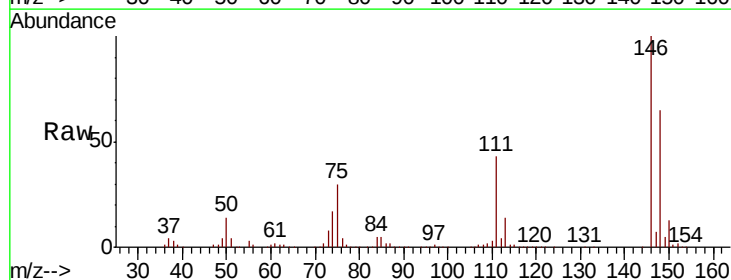
Tgt Ion:146 Resp: 782853

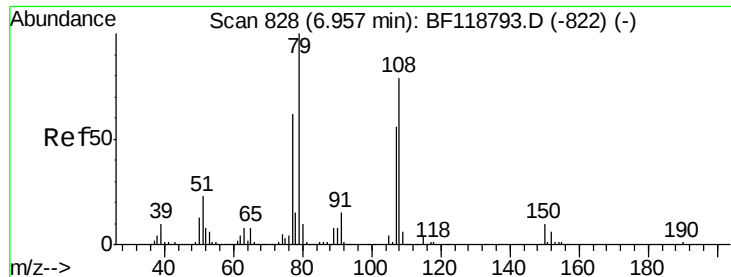
Ion Ratio Lower Upper

146 100

148 65.3 51.6 77.4

111 43.3 32.7 49.1





#15

Benzyl Alcohol

Concen: 42.043 ng

RT: 6.96 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF118798.D

Acq: 3 Feb 2020 16:09

Instrument :

BNA_F

ClientSampleId :

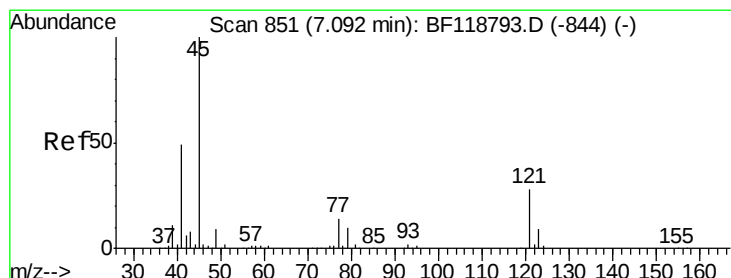
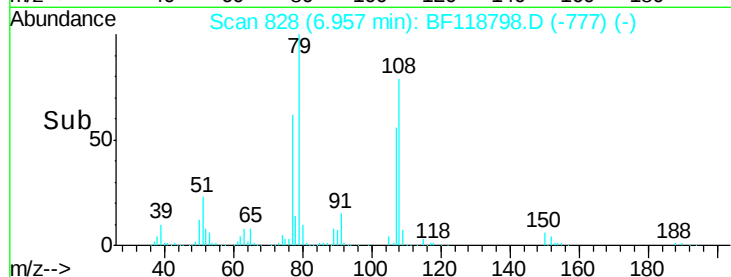
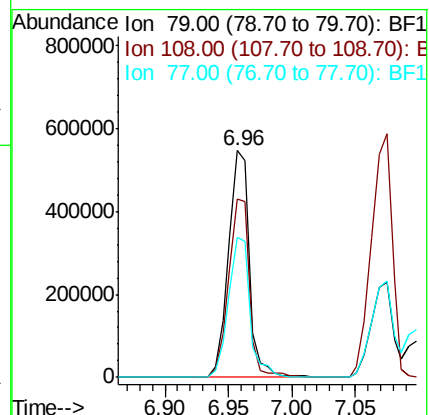
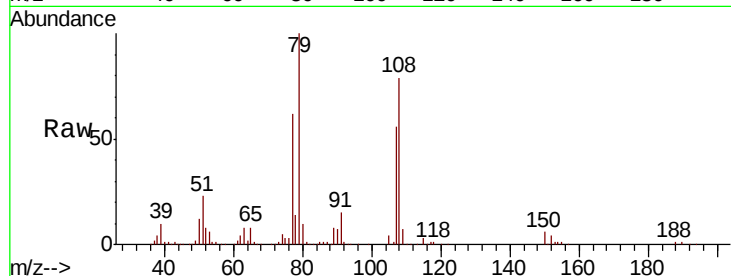
Tot Ion: 79 Resp: 625426

Ion Ratio Lower Upper

79 100

108 78.8 62.9 94.3

77 62.0 50.0 75.0



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.235 ng

RT: 7.10 min Scan# 852

Delta R.T. 0.01 min

Lab File: BF118798.D

Acq: 3 Feb 2020 16:09

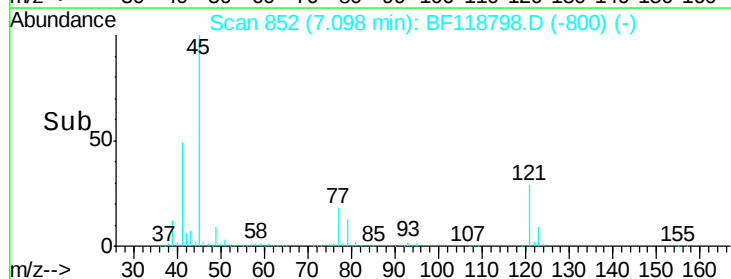
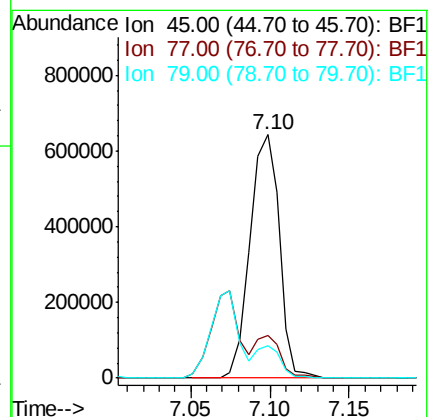
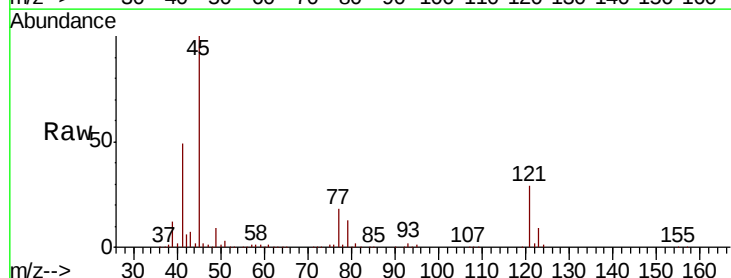
Tgt Ion: 45 Resp: 826724

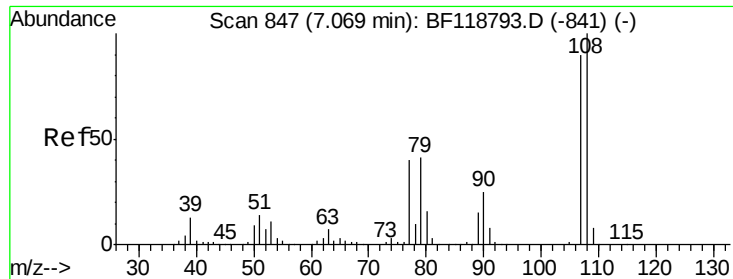
Ion Ratio Lower Upper

45 100

77 17.7 0.0 37.1

79 13.5 0.0 33.1

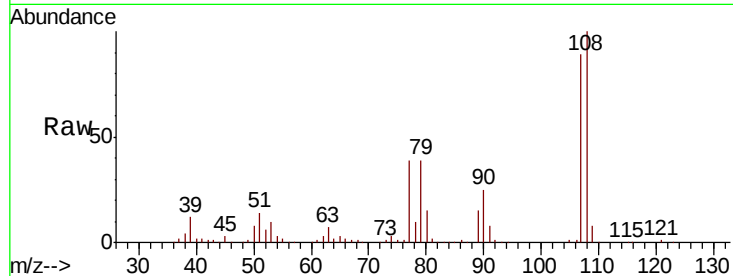




#17
2-Methylphenol
Concen: 41.231 ng
RT: 7.07 min Scan# 848
Delta R.T. 0.01 min
Lab File: BF118798.D
Acq: 3 Feb 2020 16:09

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.9	89.3	133.9
77	44.2	36.2	54.2
79	43.8	36.3	54.5



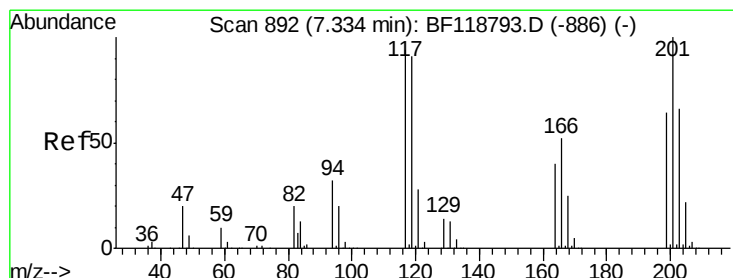
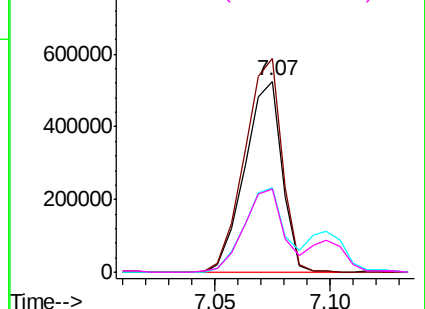
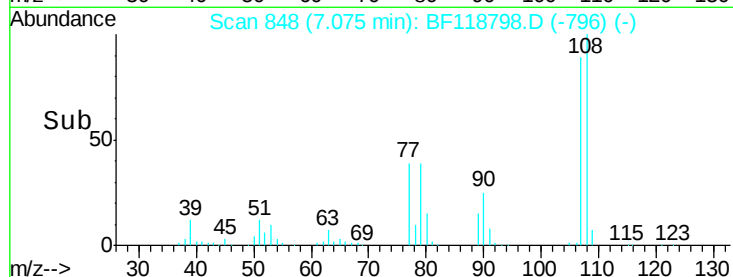
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

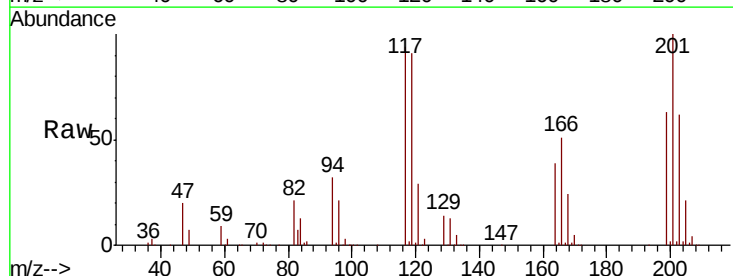
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 41.105 ng
RT: 7.33 min Scan# 892
Delta R.T. 0.00 min
Lab File: BF118798.D
Acq: 3 Feb 2020 16:09

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.9	77.4	116.0
201	105.8	85.1	127.7

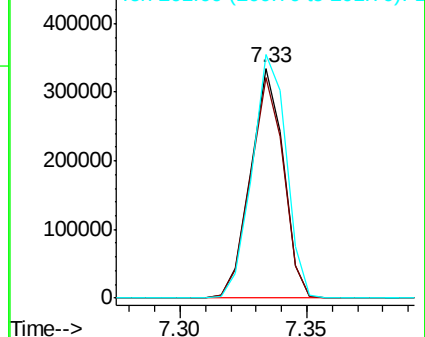
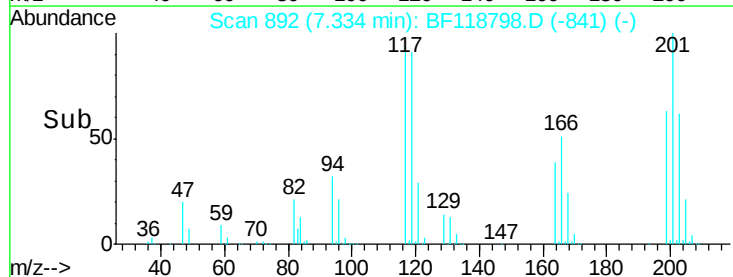


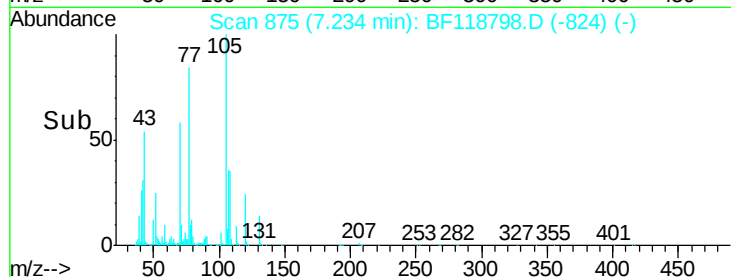
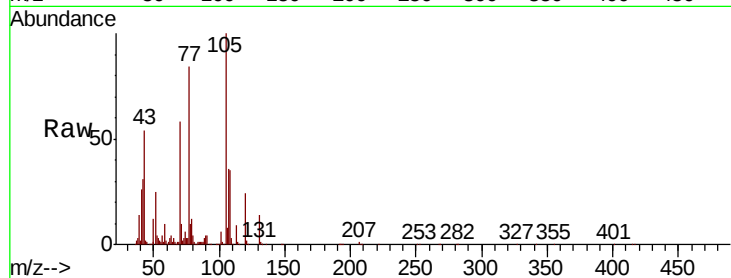
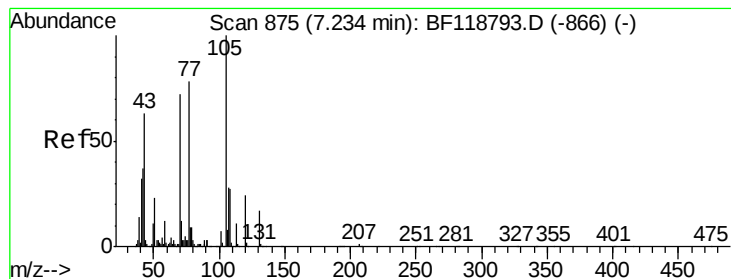
Abundance

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: 41.142 ng

RT: 7.23 min Scan# 875

Delta R.T. 0.00 min

Lab File: BF118798.D

Acq: 3 Feb 2020 16:09

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 484460

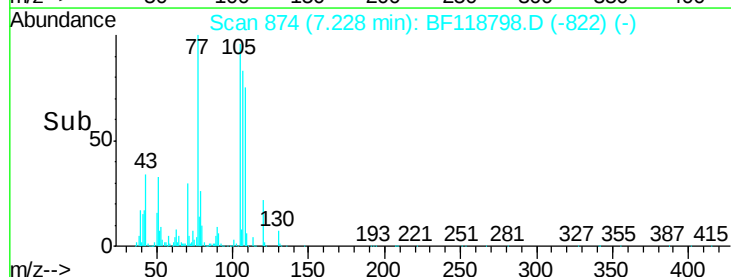
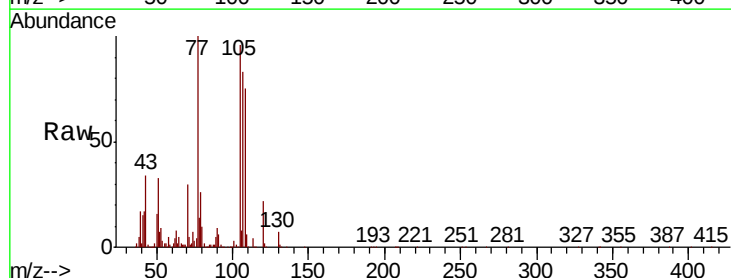
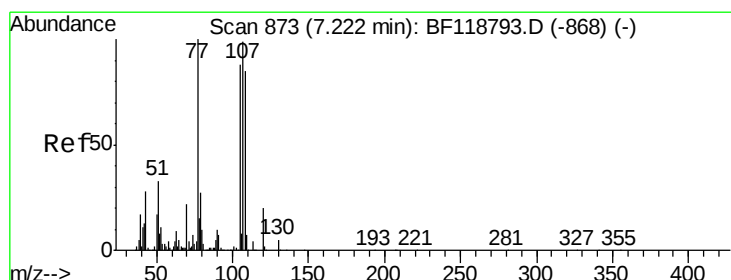
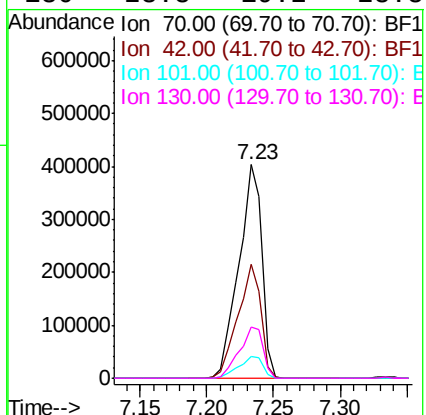
Ion Ratio Lower Upper

70 100

42 53.4 41.5 62.3

101 10.0 8.3 12.5

130 23.8 19.2 28.8



#20

3+4-Methylphenols

Concen: 38.560 ng

RT: 7.23 min Scan# 874

Delta R.T. 0.01 min

Lab File: BF118798.D

Acq: 3 Feb 2020 16:09

Tgt Ion: 107 Resp: 693903

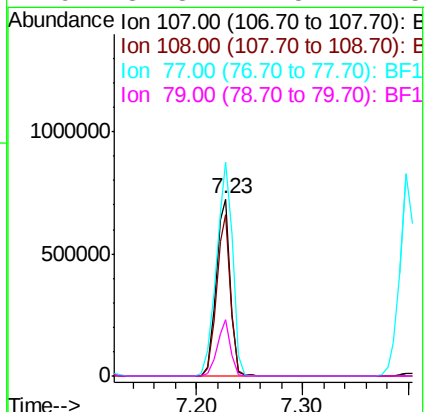
Ion Ratio Lower Upper

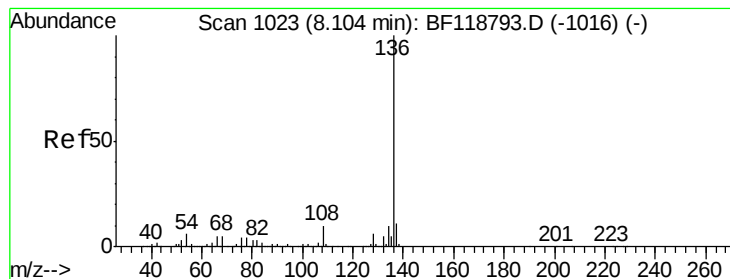
107 100

108 91.0 65.9 105.9

77 120.8 80.9 120.9

79 31.8 7.5 47.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BF118798.D

Acq: 3 Feb 2020 16:09

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1109712

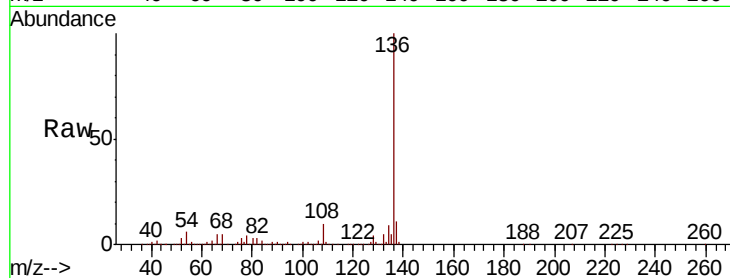
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 6.0 5.0 7.6

68 5.4 4.2 6.4

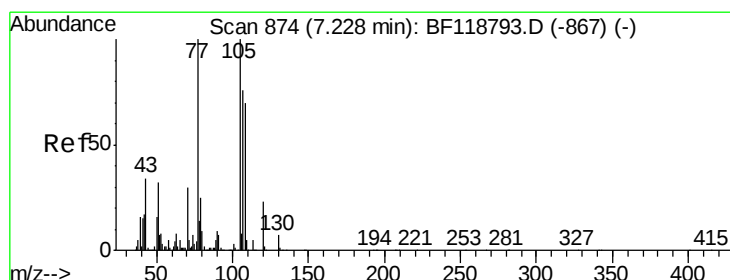
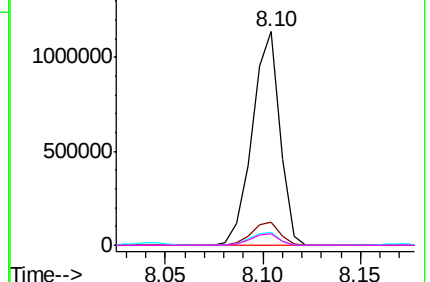
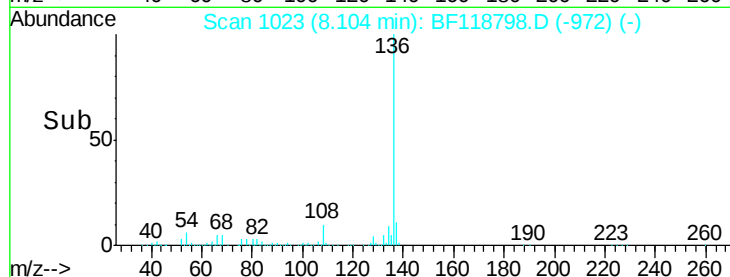


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 40.072 ng

RT: 7.23 min Scan# 874

Delta R.T. 0.00 min

Lab File: BF118798.D

Acq: 3 Feb 2020 16:09

Tgt Ion:105 Resp: 966144

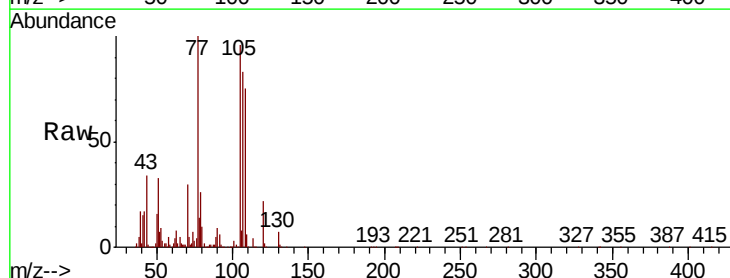
Ion Ratio Lower Upper

105 100

71 5.4 4.2 6.4

51 34.1 25.5 38.3

120 23.2 18.6 28.0

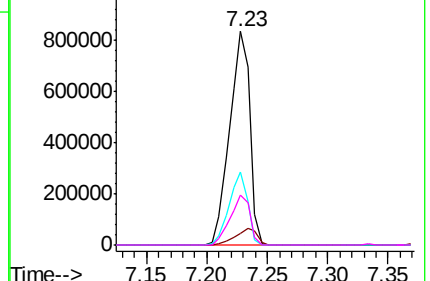
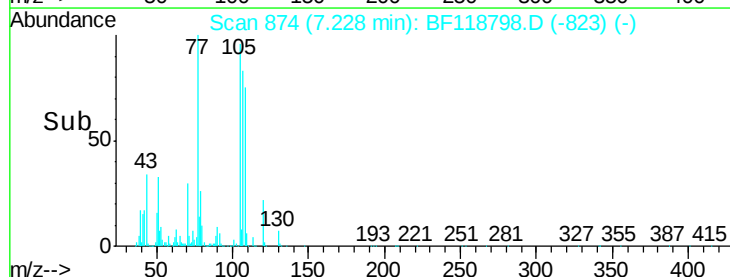


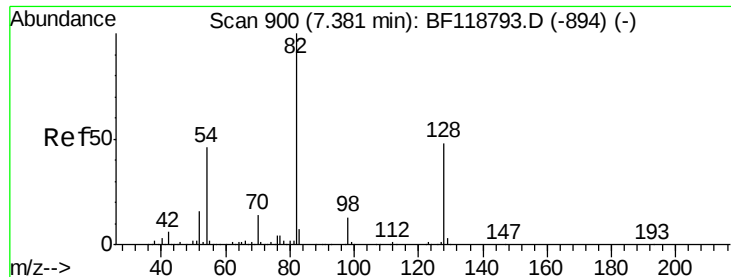
Abundance Ion 105.00 (104.70 to 105.70): E

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

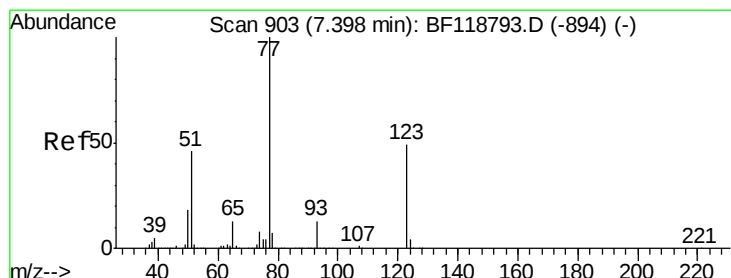
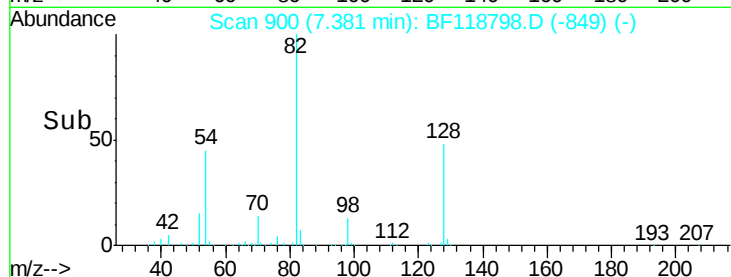
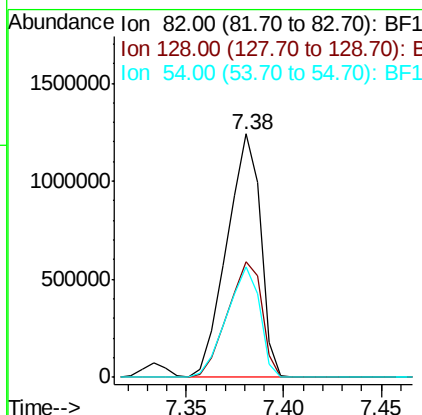
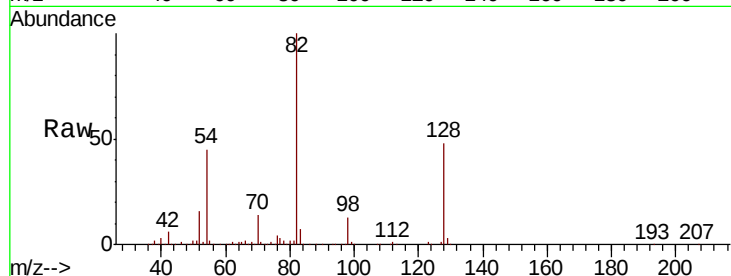




#23
Nitrobenzene-d5
Concen: 79.552 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF118798.D
Acq: 3 Feb 2020 16:09

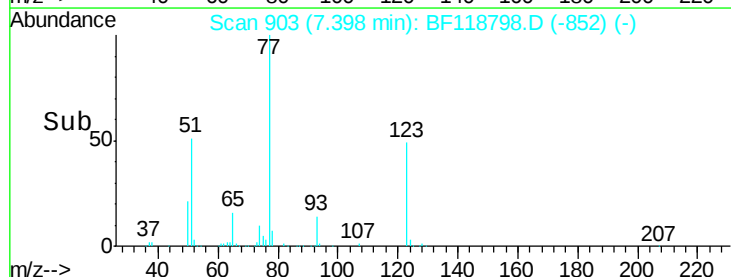
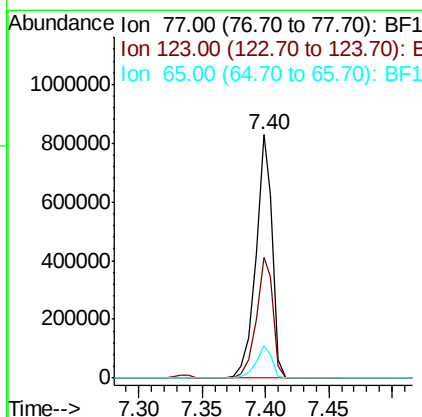
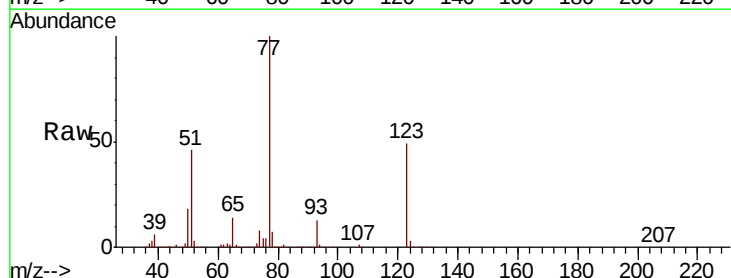
Instrument :
BNA_F
ClientSampleId :

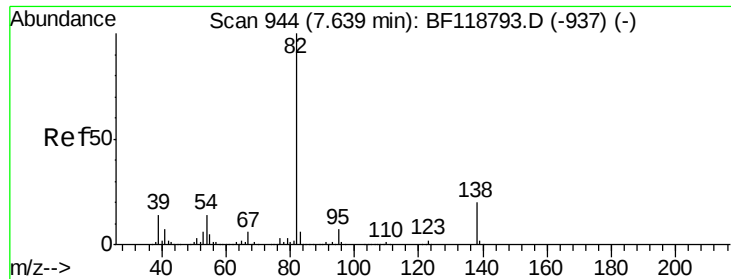
Tot Ion: 82 Resp: 1481083
Ion Ratio Lower Upper
82 100
128 47.6 38.5 57.7
54 45.2 36.7 55.1



#24
Nitrobenzene
Concen: 40.317 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.00 min
Lab File: BF118798.D
Acq: 3 Feb 2020 16:09

Tgt Ion: 77 Resp: 749856
Ion Ratio Lower Upper
77 100
123 49.4 39.0 58.4
65 13.6 10.6 15.8

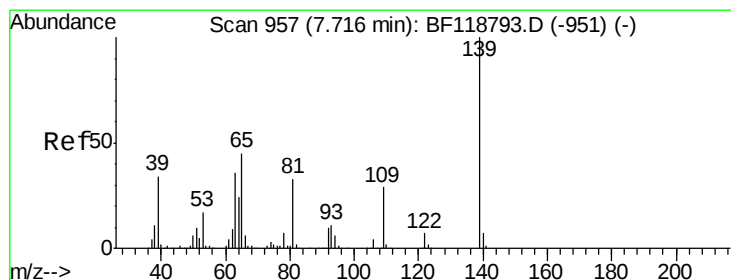
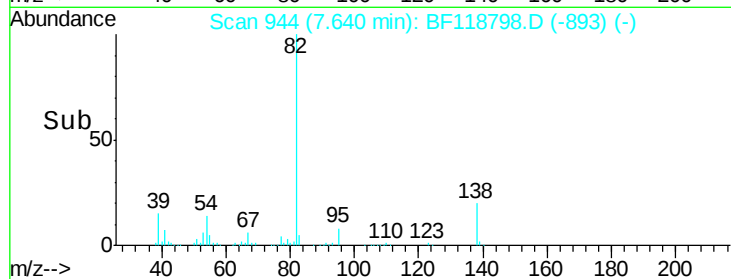
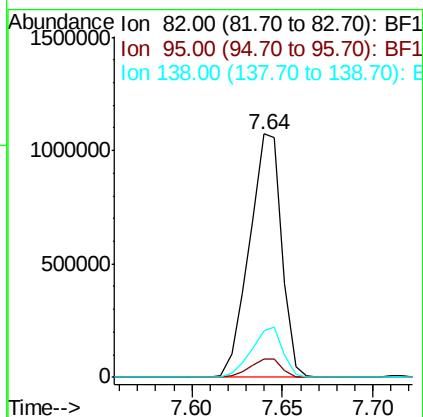
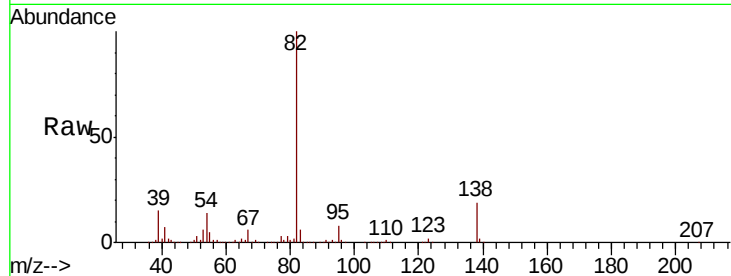




#25
Isophorone
Concen: 39.729 ng
RT: 7.64 min Scan# 944
Delta R.T. 0.00 min
Lab File: BF118798.D
Acq: 3 Feb 2020 16:09

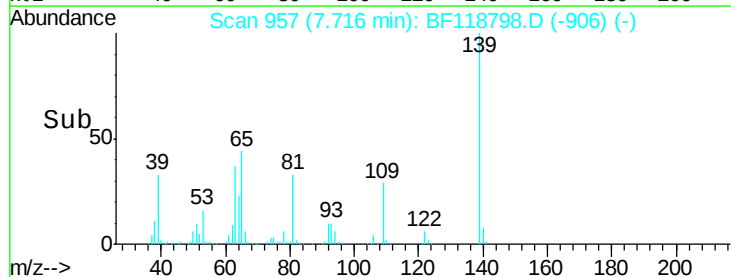
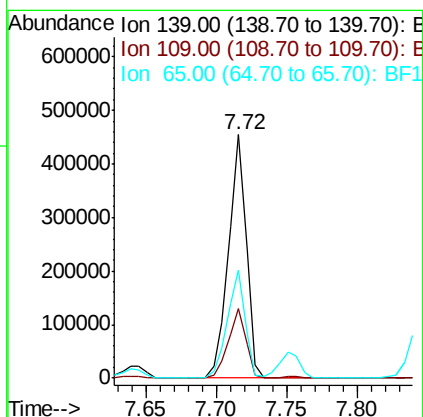
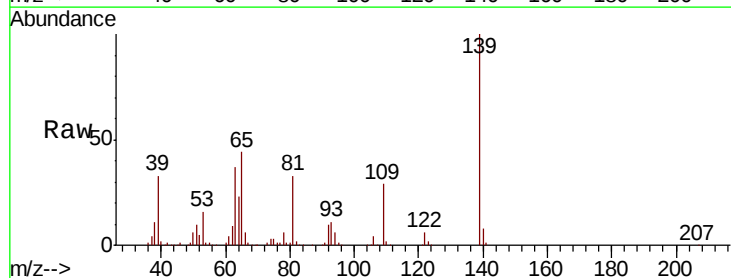
Instrument :
BNA_F
ClientSampled :

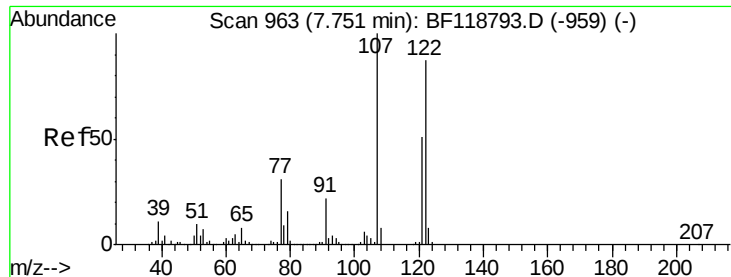
Tot Ion: 82 Resp: 1329343
Ion Ratio Lower Upper
82 100
95 7.7 6.0 9.0
138 19.2 15.7 23.5



#26
2-Nitrophenol
Concen: 40.307 ng
RT: 7.72 min Scan# 957
Delta R.T. 0.00 min
Lab File: BF118798.D
Acq: 3 Feb 2020 16:09

Tgt Ion: 139 Resp: 399466
Ion Ratio Lower Upper
139 100
109 28.8 23.4 35.0
65 44.5 36.2 54.2

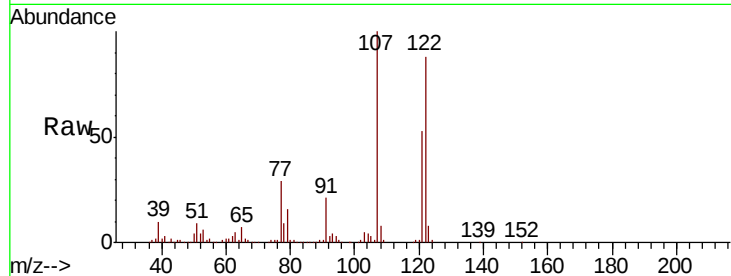




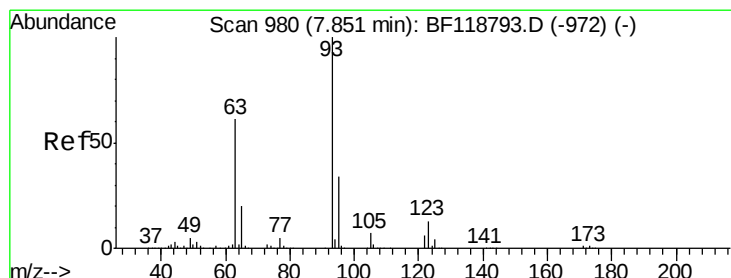
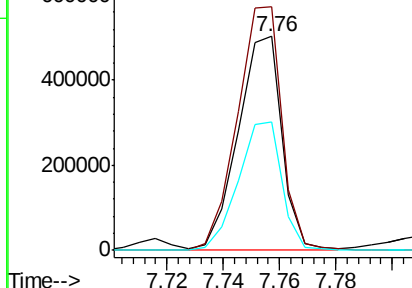
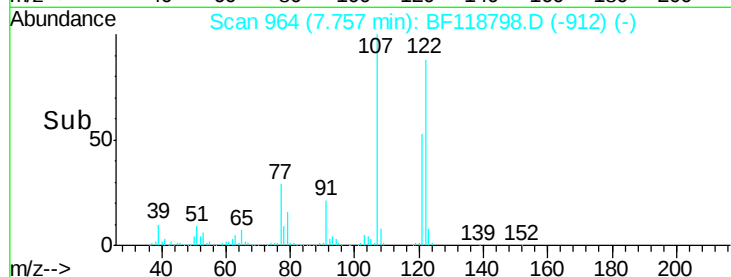
#27
 2,4-Dimethylphenol
 Concen: 40.289 ng
 RT: 7.76 min Scan# 964
 Delta R.T. 0.01 min
 Lab File: BF118798.D
 Acq: 3 Feb 2020 16:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.0	92.2	138.2
121	60.0	46.8	70.2

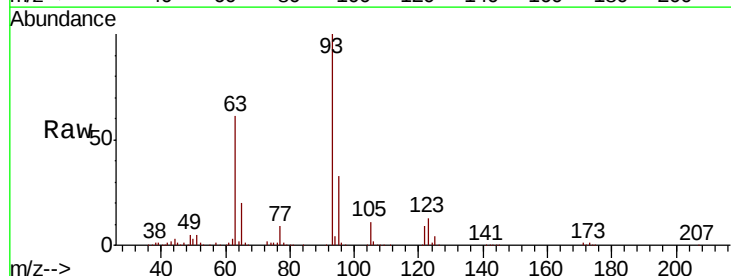


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

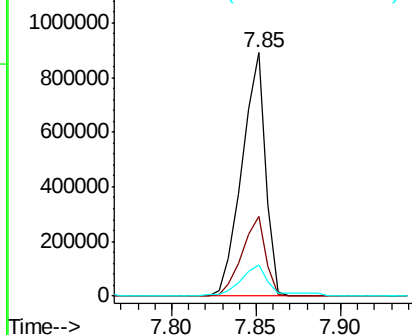
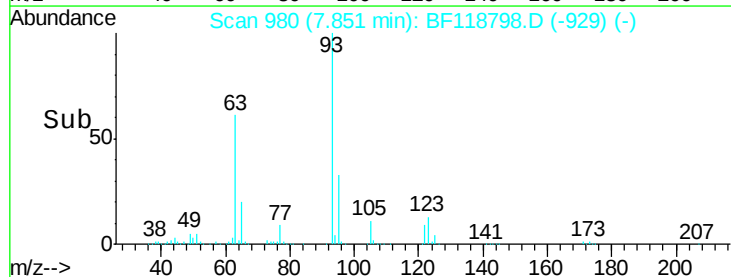


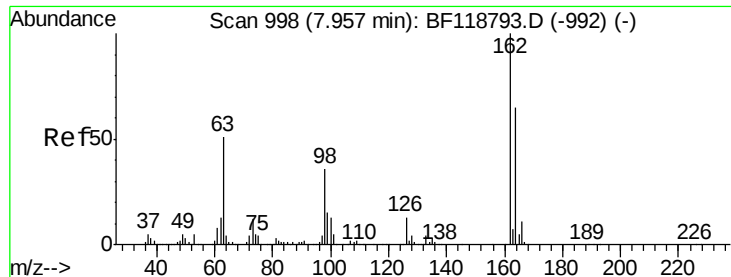
#28
 bis(2-Chloroethoxy)methane
 Concen: 40.056 ng
 RT: 7.85 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: BF118798.D
 Acq: 3 Feb 2020 16:09

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	27.0	40.4
123	12.7	10.6	15.8



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

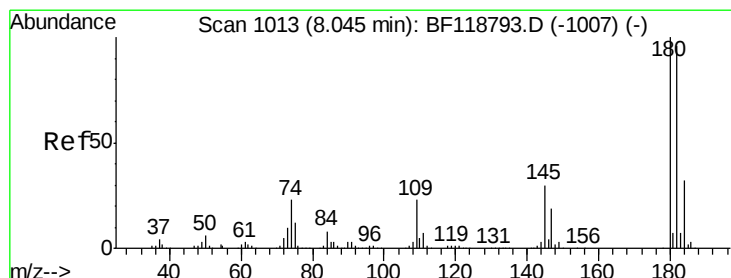
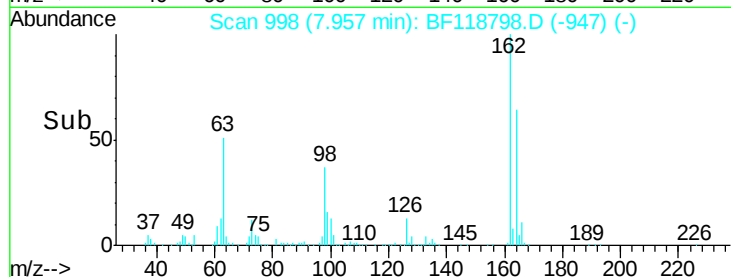
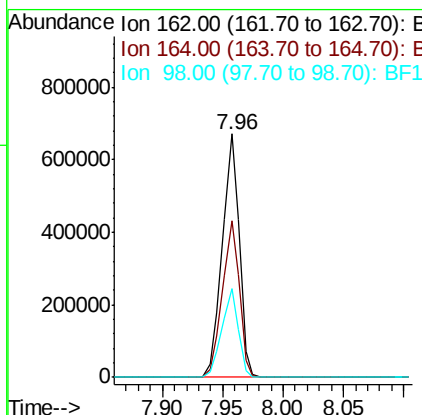
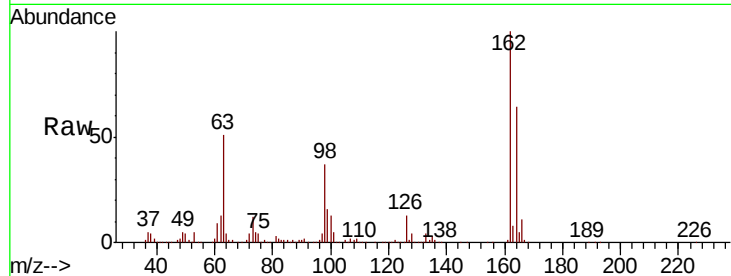




#29
 2,4-Dichlorophenol
 Concen: 40.464 ng
 RT: 7.96 min Scan# 998
 Delta R.T. 0.00 min
 Lab File: BF118798.D
 Acq: 3 Feb 2020 16:09

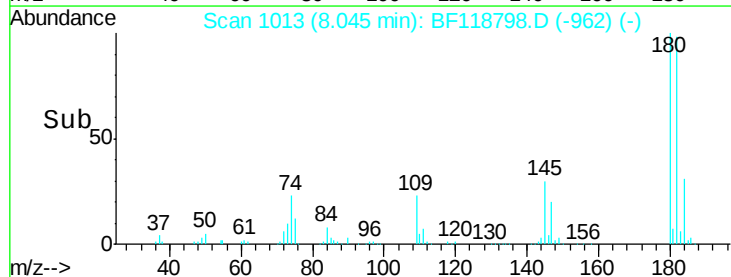
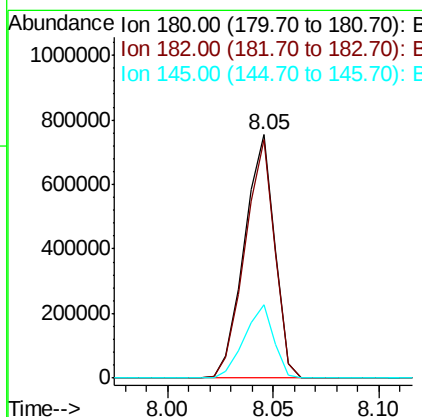
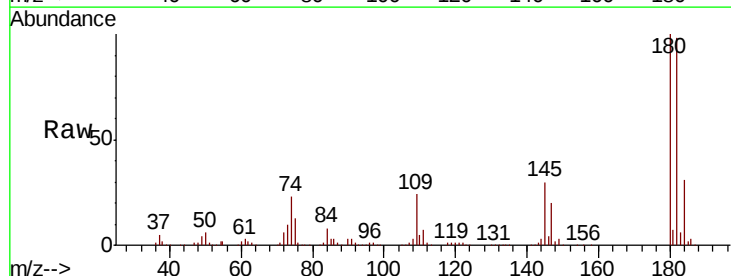
Instrument :
 BNA_F
 ClientSampleId :

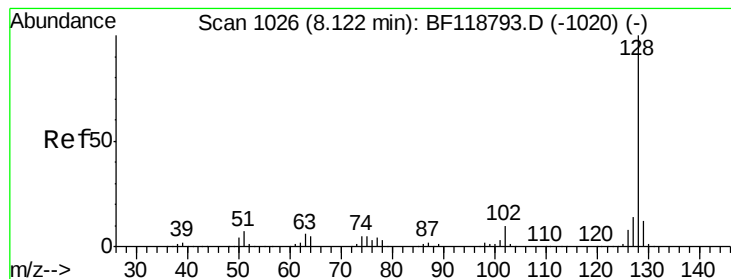
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	44.8	84.8
98	36.6	16.4	56.4



#30
 1,2,4-Trichlorobenzene
 Concen: 39.856 ng
 RT: 8.05 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: BF118798.D
 Acq: 3 Feb 2020 16:09

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.9	76.6	115.0
145	30.1	24.0	36.0





#31

Naphthalene

Concen: 40.516 ng

RT: 8.12 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BF118798.D

Acq: 3 Feb 2020 16:09

Instrument :

BNA_F

ClientSampleId :

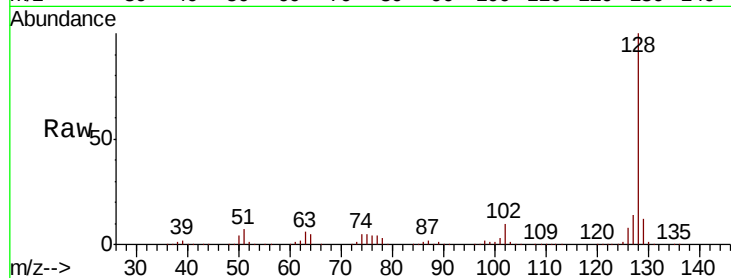
Tot Ion:128 Resp: 2056345

Ion Ratio Lower Upper

128 100

129 11.8 9.4 14.2

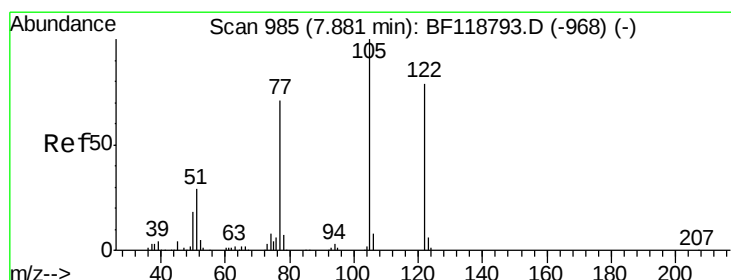
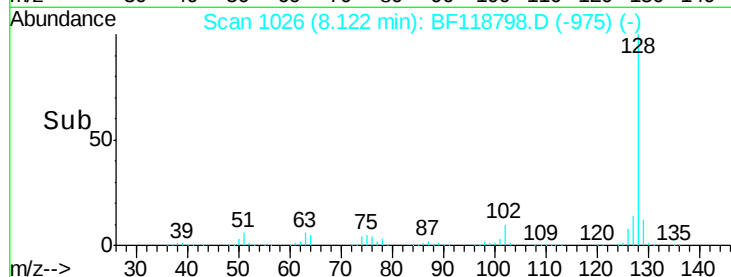
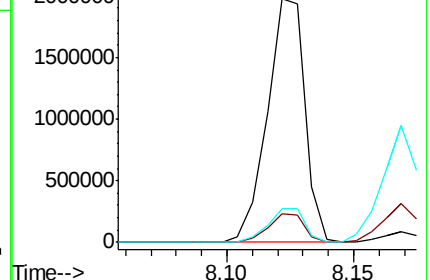
127 13.8 11.3 16.9



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: 42.594 ng

RT: 7.88 min Scan# 985

Delta R.T. 0.00 min

Lab File: BF118798.D

Acq: 3 Feb 2020 16:09

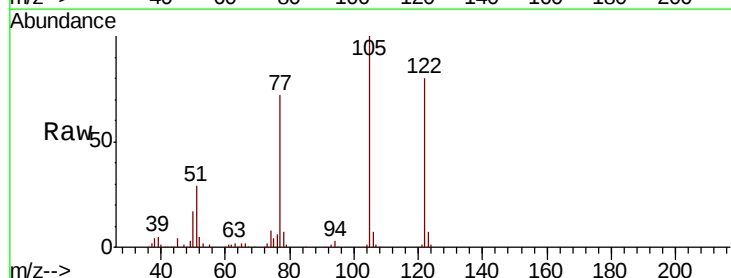
Tgt Ion:122 Resp: 474772

Ion Ratio Lower Upper

122 100

105 125.5 104.4 144.4

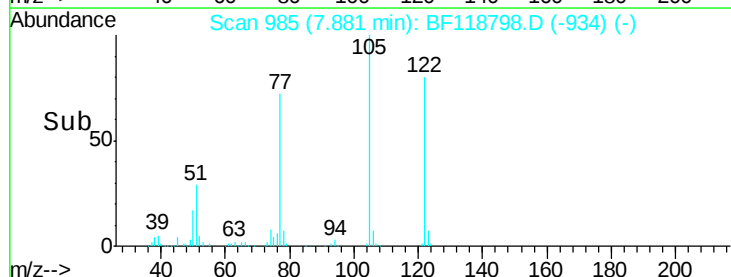
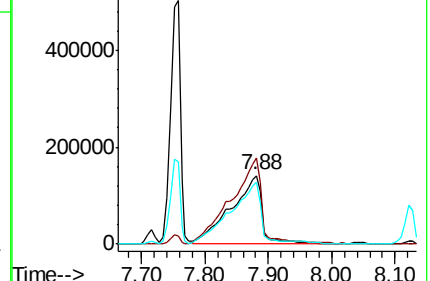
77 90.2 69.3 109.3

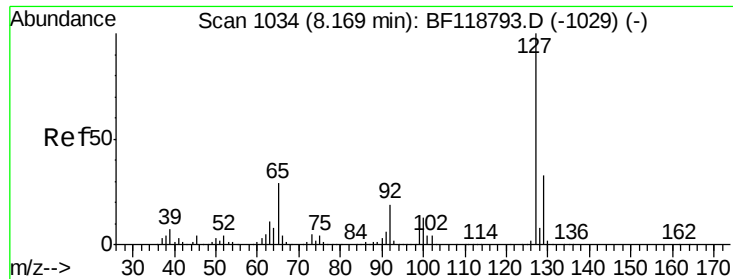


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

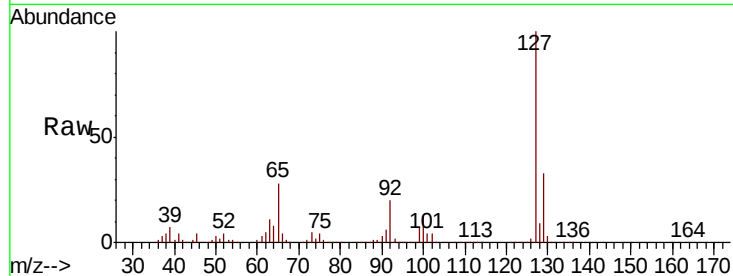




#33
4-Chloroaniline
Concen: 39.802 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF118798.D
Acq: 3 Feb 2020 16:09

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	903779
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.7	40.1
65	28.3	22.9	34.3
92	19.6	15.4	23.0



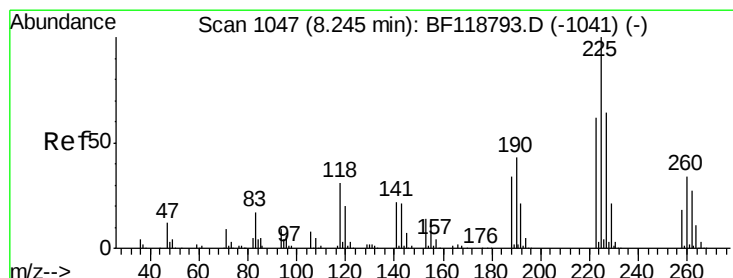
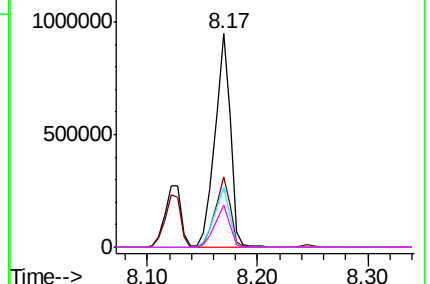
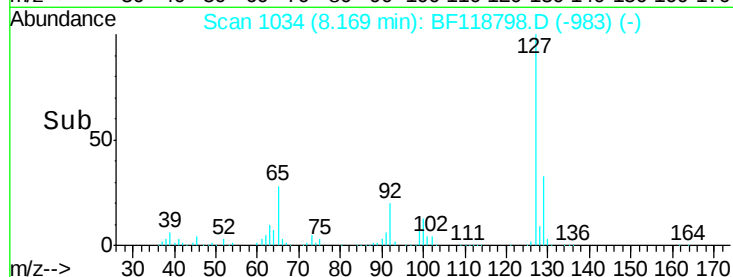
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

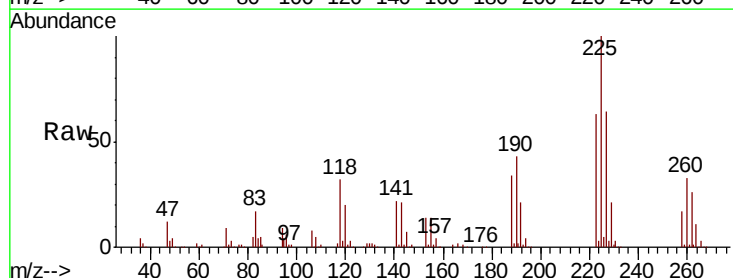
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 40.146 ng
RT: 8.25 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF118798.D
Acq: 3 Feb 2020 16:09

Tgt Ion:	225	Resp:	463507
Ion	Ratio	Lower	Upper
225	100		
223	63.2	49.8	74.8
227	64.2	51.0	76.4

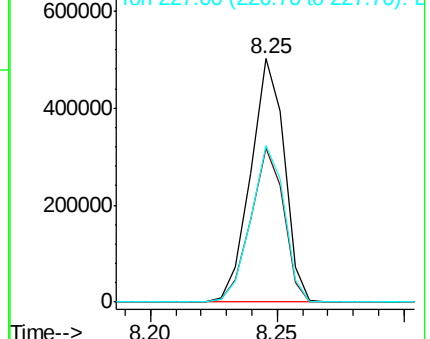
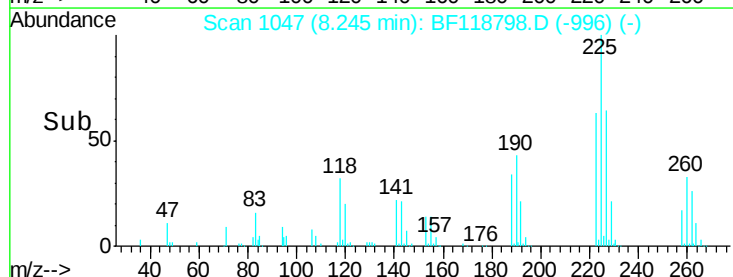


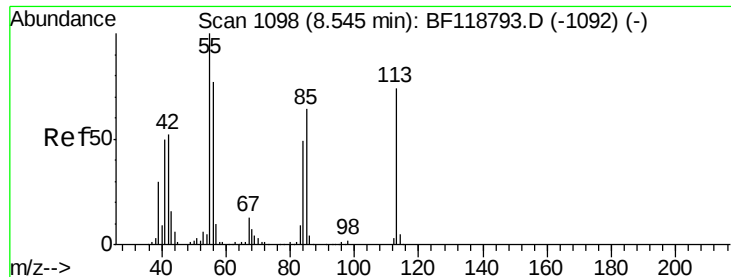
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 41.369 ng

RT: 8.55 min Scan# 1098

Delta R.T. 0.00 min

Lab File: BF118798.D

Acq: 3 Feb 2020 16:09

Instrument :

BNA_F

ClientSampled :

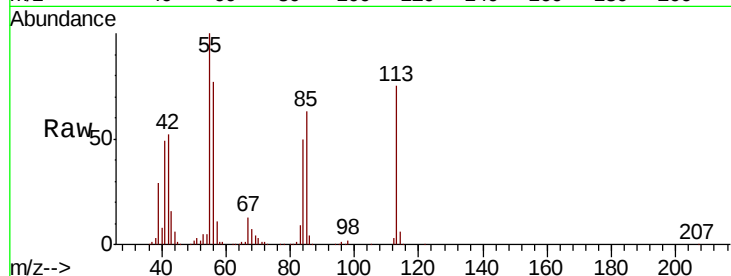
Tot Ion:113 Resp: 216223

Ion Ratio Lower Upper

113 100

55 133.9 115.5 155.5

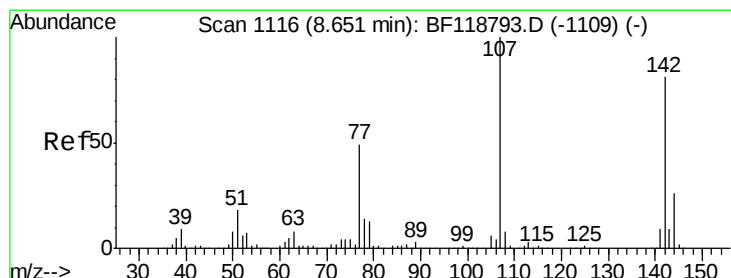
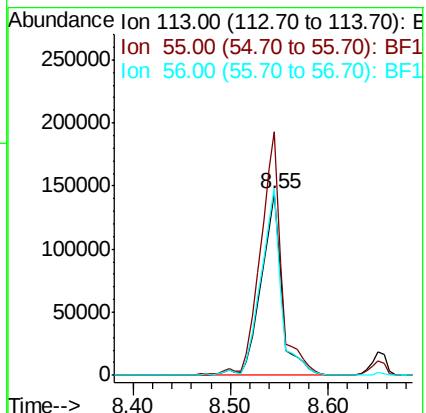
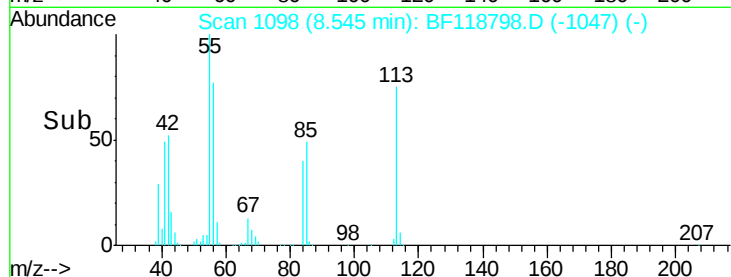
56 103.3 83.7 123.7



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: 40.851 ng

RT: 8.65 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BF118798.D

Acq: 3 Feb 2020 16:09

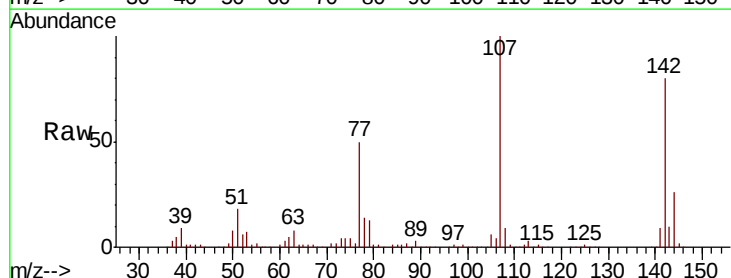
Tgt Ion:107 Resp: 662823

Ion Ratio Lower Upper

107 100

144 26.0 21.0 31.6

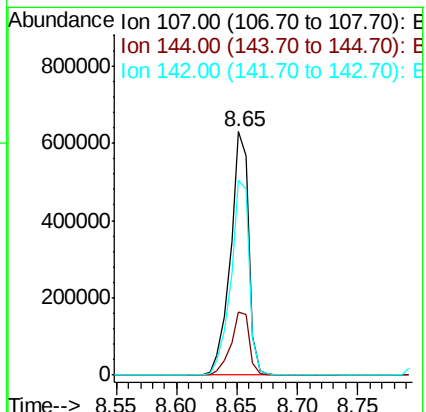
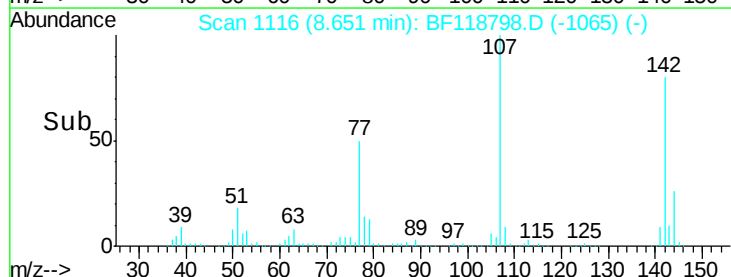
142 80.2 64.8 97.2

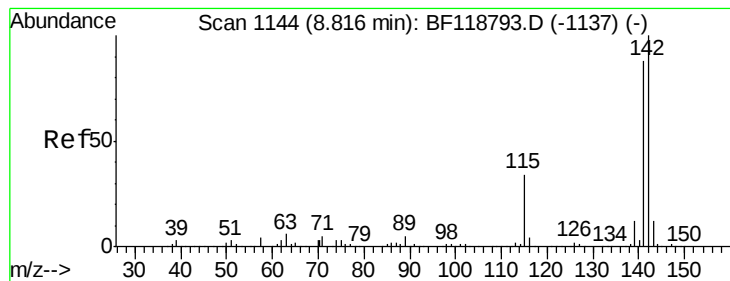


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 40.690 ng

RT: 8.82 min Scan# 1144

Delta R.T. 0.00 min

Lab File: BF118798.D

Acq: 3 Feb 2020 16:09

Instrument :

BNA_F

ClientSampleId :

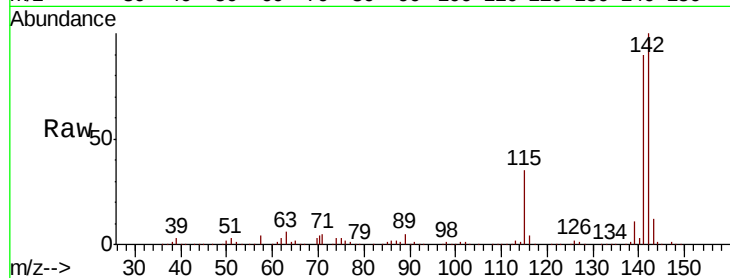
Tot Ion:142 Resp: 1432279

Ion Ratio Lower Upper

142 100

141 89.5 70.1 105.1

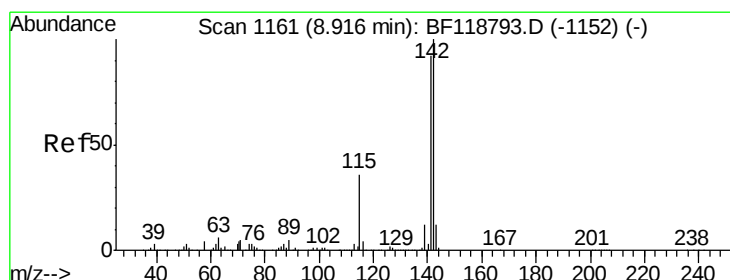
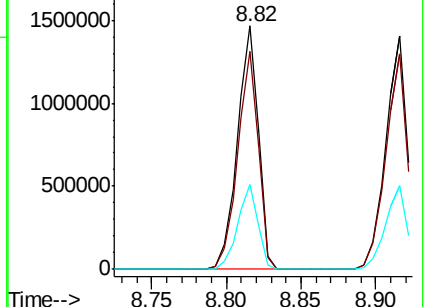
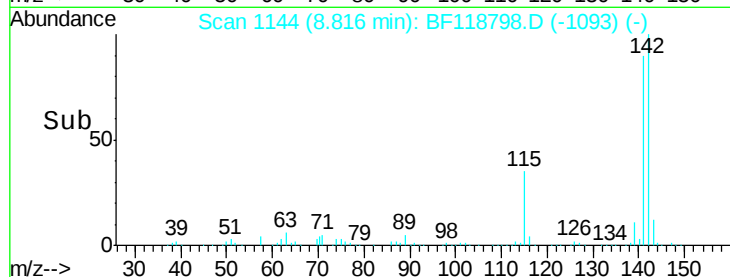
115 34.8 27.3 40.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 41.084 ng

RT: 8.92 min Scan# 1161

Delta R.T. 0.00 min

Lab File: BF118798.D

Acq: 3 Feb 2020 16:09

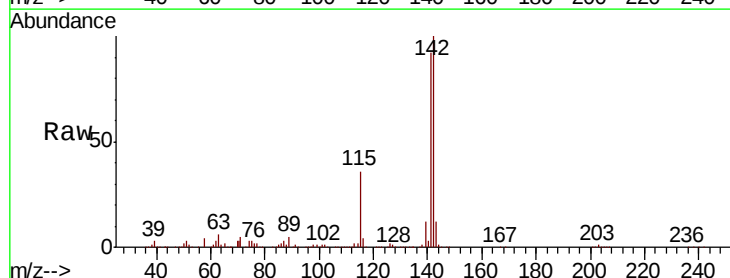
Tgt Ion:142 Resp: 1360438

Ion Ratio Lower Upper

142 100

141 92.2 73.8 110.6

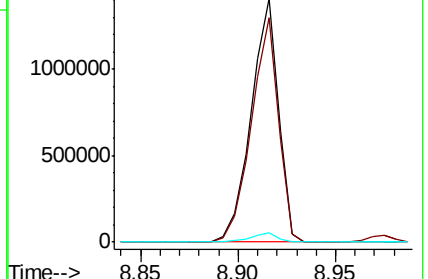
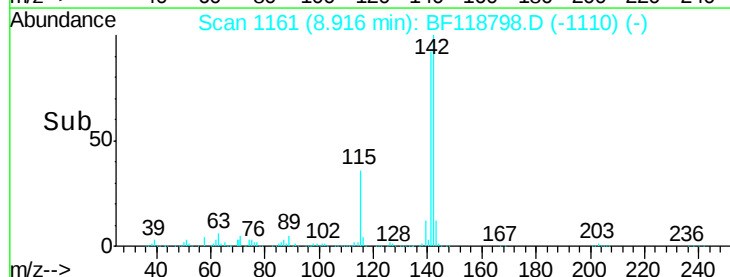
116 3.7 3.0 4.4

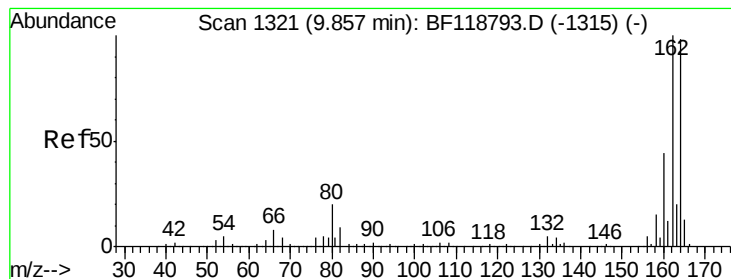


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.86 min Scan# 1321

Delta R.T. 0.00 min

Lab File: BF118798.D

Acq: 3 Feb 2020 16:09

Instrument :

BNA_F

ClientSampleId :

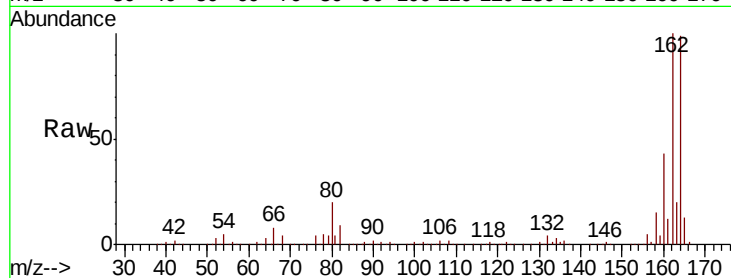
Tot Ion:164 Resp: 638817

Ion Ratio Lower Upper

164 100

162 100.9 81.4 122.2

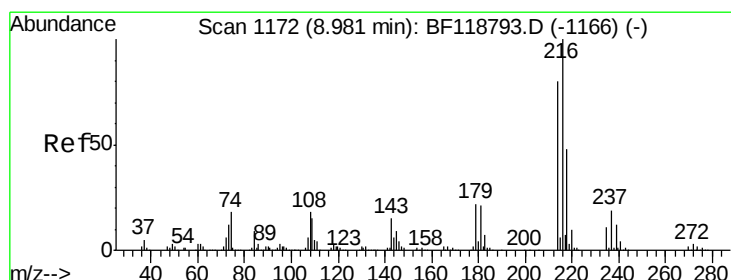
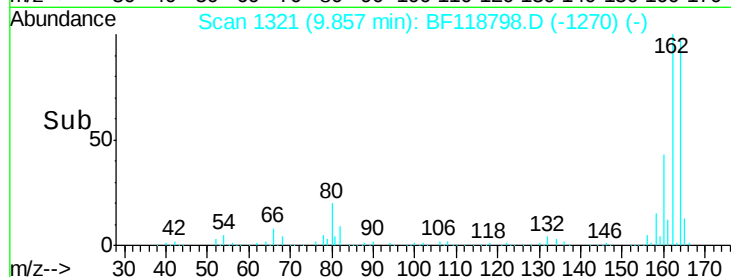
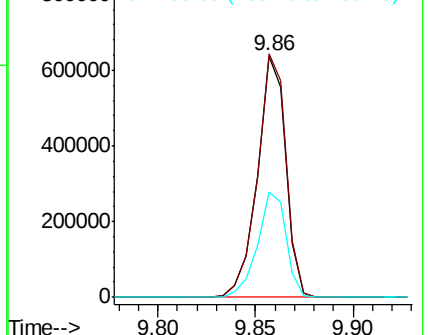
160 43.5 35.6 53.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.661 ng

RT: 8.99 min Scan# 1173

Delta R.T. 0.01 min

Lab File: BF118798.D

Acq: 3 Feb 2020 16:09

Tgt Ion:216 Resp: 764656

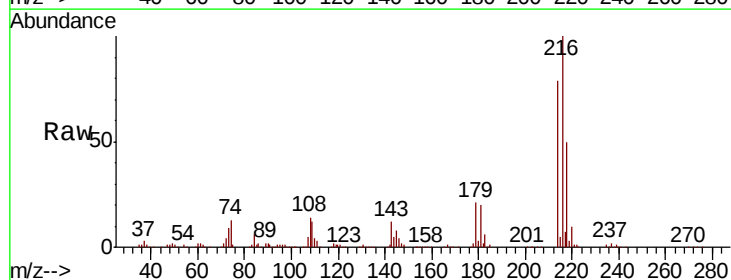
Ion Ratio Lower Upper

216 100

214 79.6 63.0 94.4

179 21.1 17.0 25.6

108 16.6 13.5 20.3

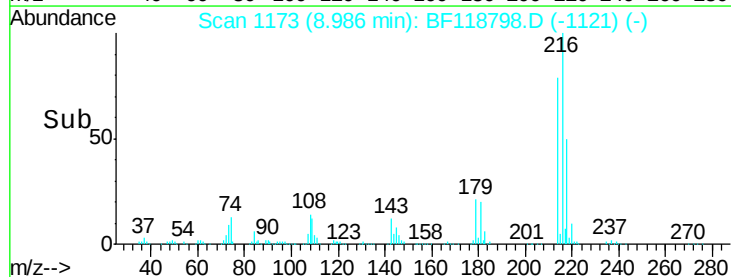
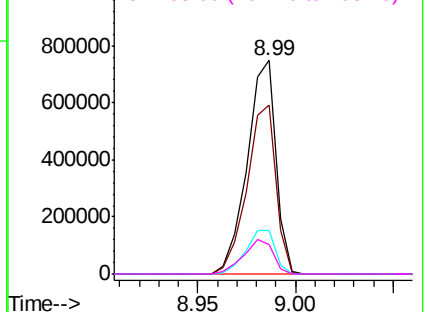


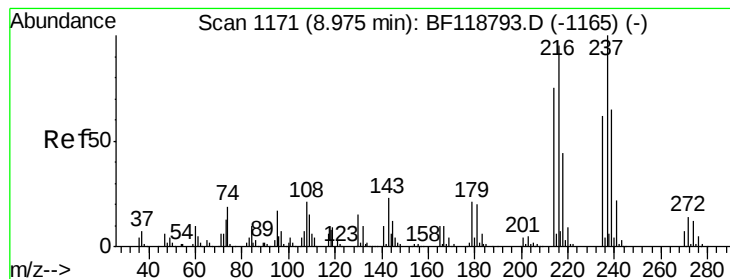
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 40.529 ng

RT: 8.97 min Scan# 1171

Delta R.T. 0.00 min

Lab File: BF118798.D

Acq: 3 Feb 2020 16:09

Instrument :

BNA_F

ClientSampleId :

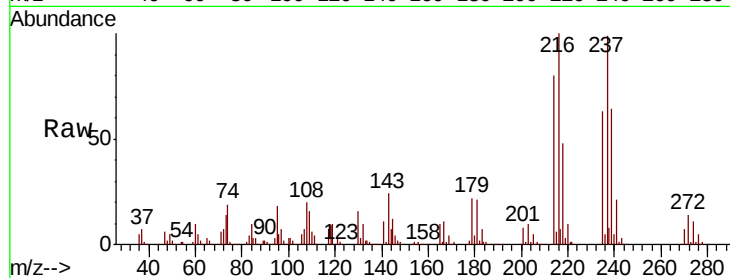
Tot Ion:237 Resp: 306397

Ion Ratio Lower Upper

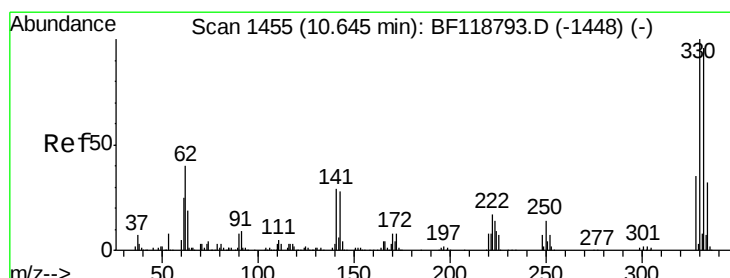
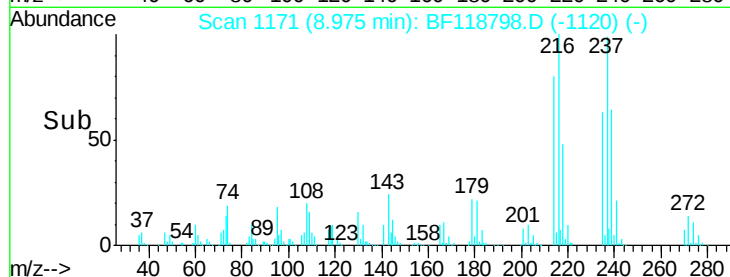
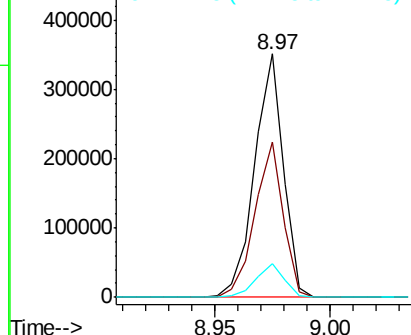
237 100

235 63.9 42.1 82.1

272 13.7 0.0 34.4



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



#42

2,4,6-Tribromophenol

Concen: 82.342 ng

RT: 10.65 min Scan# 1455

Delta R.T. 0.00 min

Lab File: BF118798.D

Acq: 3 Feb 2020 16:09

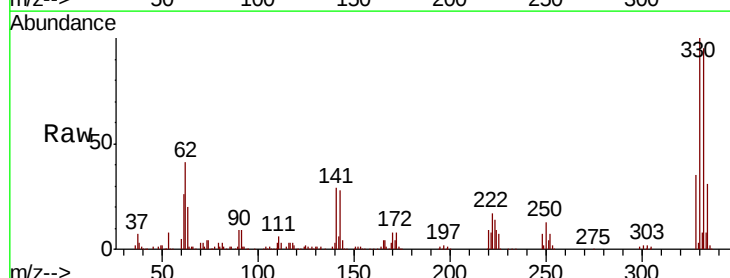
Tgt Ion:330 Resp: 629392

Ion Ratio Lower Upper

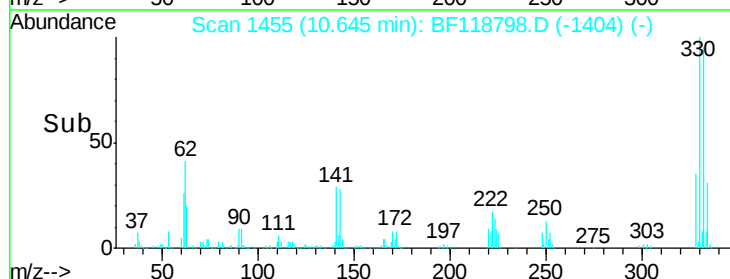
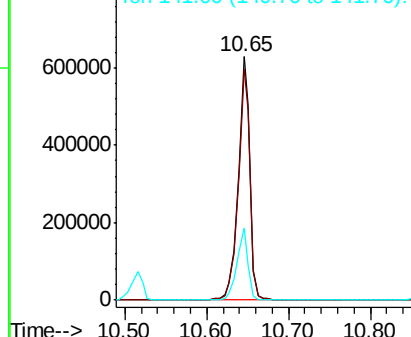
330 100

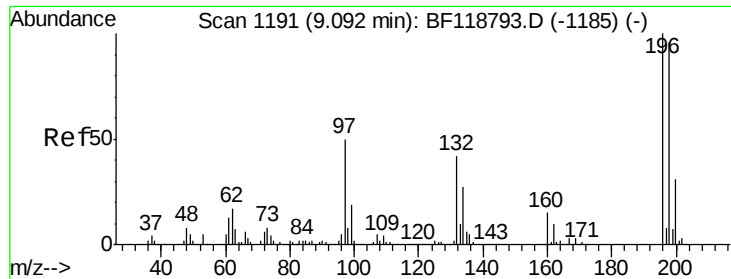
332 96.4 77.3 115.9

141 28.1 22.4 33.6



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

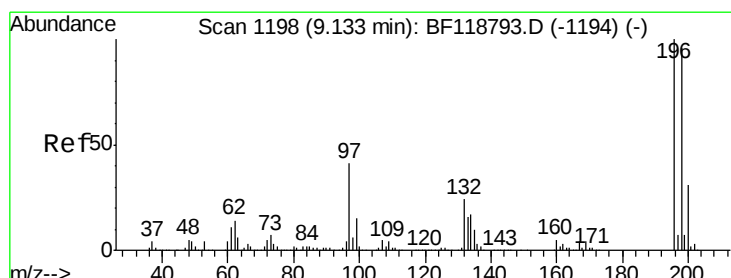
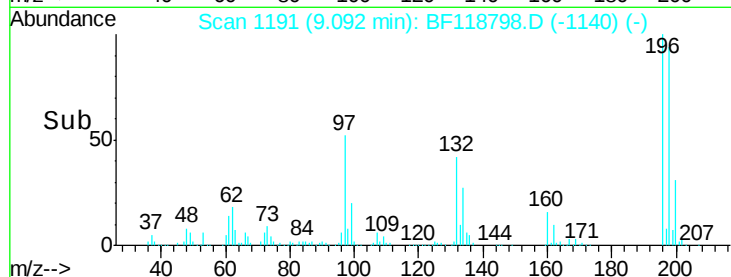
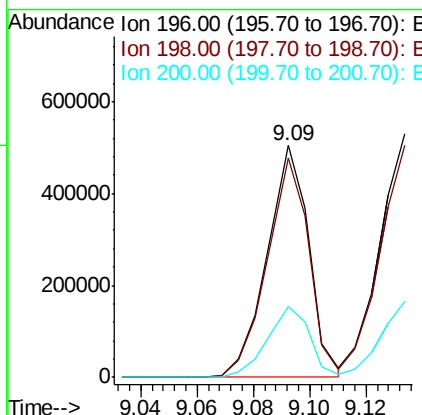
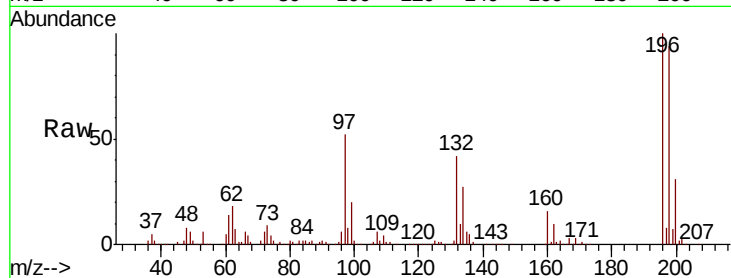




#43
 2,4,6-Trichlorophenol
 Concen: 40.106 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: BF118798.D
 Acq: 3 Feb 2020 16:09

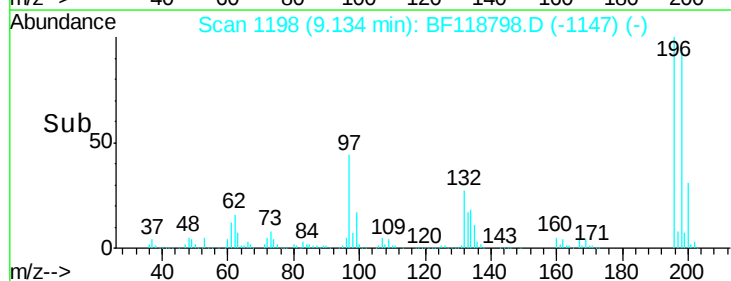
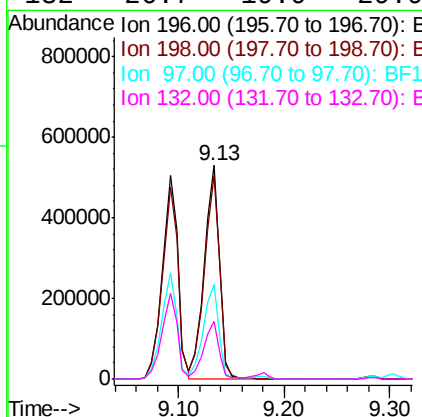
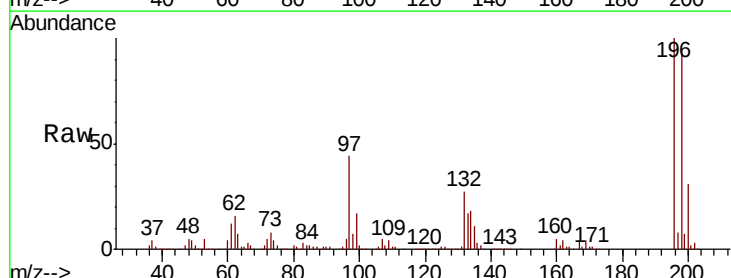
Instrument :
 BNA_F
 ClientSampleId :

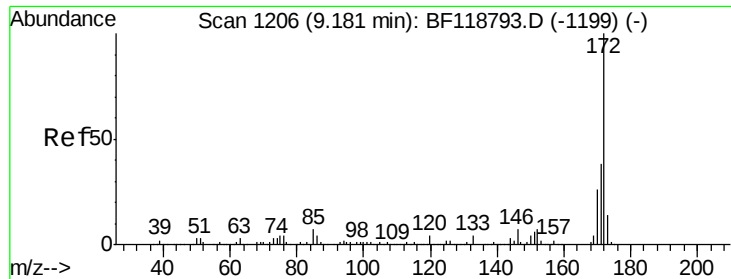
Tot Ion:196 Resp: 517078
 Ion Ratio Lower Upper
 196 100
 198 94.5 76.7 115.1
 200 30.5 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 39.924 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.00 min
 Lab File: BF118798.D
 Acq: 3 Feb 2020 16:09

Tgt Ion:196 Resp: 525933
 Ion Ratio Lower Upper
 196 100
 198 95.5 77.0 115.4
 97 44.3 32.9 49.3
 132 26.7 19.9 29.9

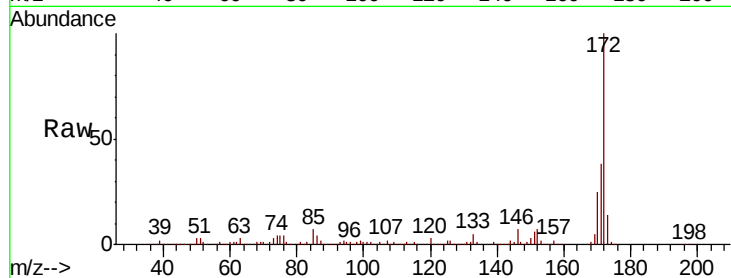




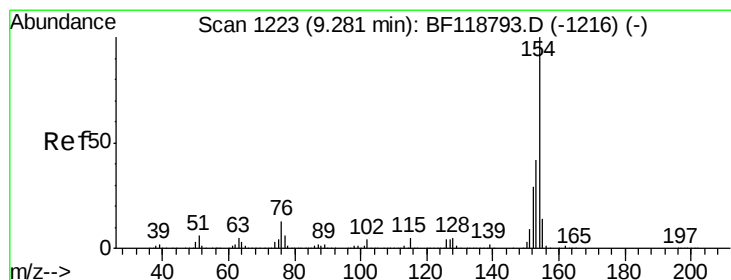
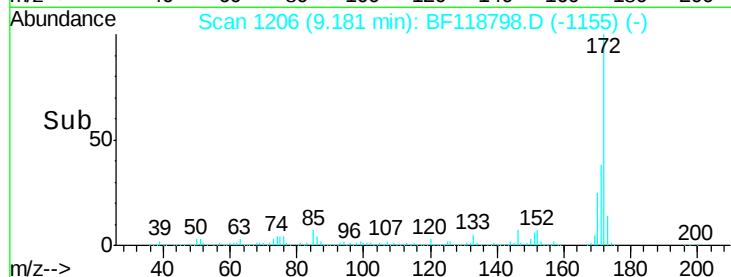
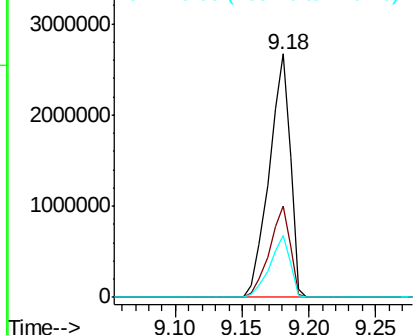
#45
2-Fluorobiphenyl
Concen: 82.077 ng
RT: 9.18 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BF118798.D
Acq: 3 Feb 2020 16:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 2932948
Ion Ratio Lower Upper
172 100
171 37.6 30.8 46.2
170 25.2 20.5 30.7

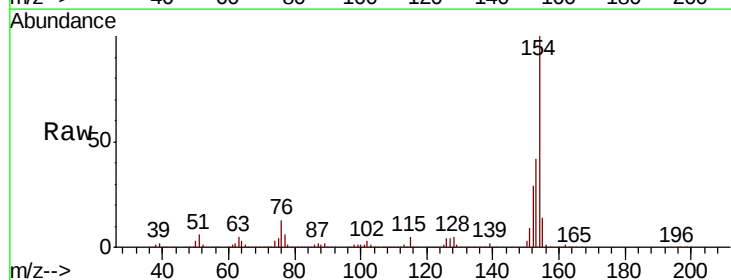


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

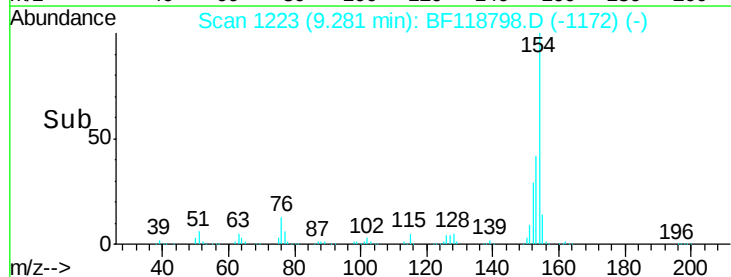
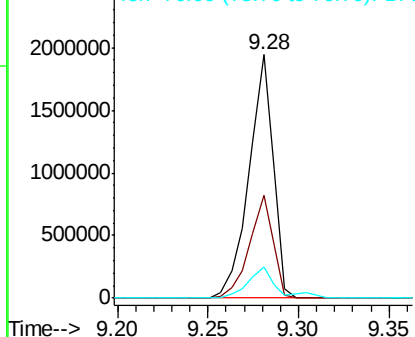


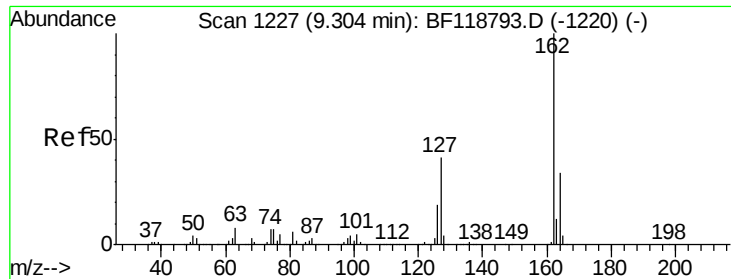
#46
1,1'-Biphenyl
Concen: 40.743 ng
RT: 9.28 min Scan# 1223
Delta R.T. 0.00 min
Lab File: BF118798.D
Acq: 3 Feb 2020 16:09

Tgt Ion:154 Resp: 1800409
Ion Ratio Lower Upper
154 100
153 42.2 22.4 62.4
76 12.8 0.0 32.7



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

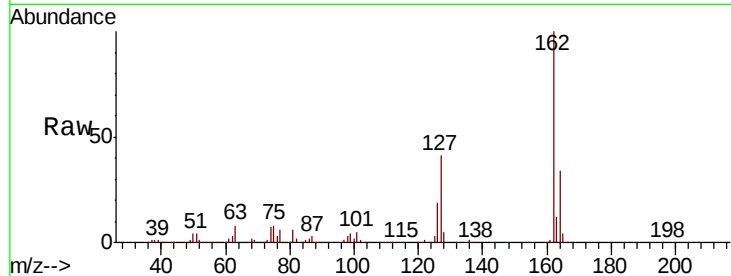




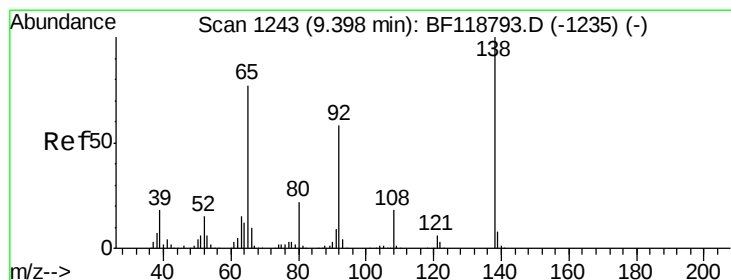
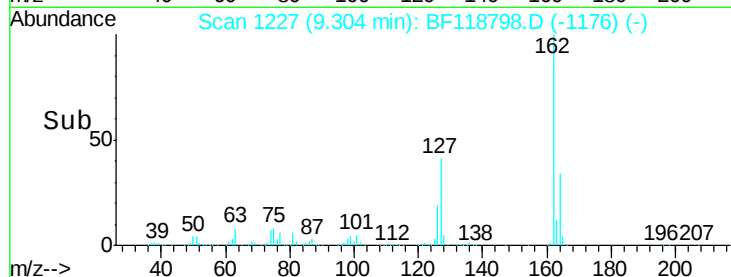
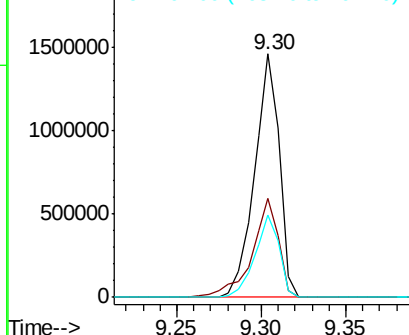
#47
 2-Chloronaphthalene
 Concen: 40.352 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: BF118798.D
 Acq: 3 Feb 2020 16:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 162 Resp: 1482390
 Ion Ratio Lower Upper
 162 100
 127 40.7 33.3 49.9
 164 33.9 27.1 40.7

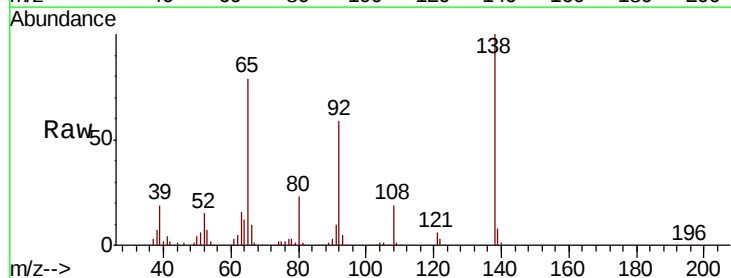


Abundance Ion 162.00 (161.70 to 162.70): E
 2000000 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

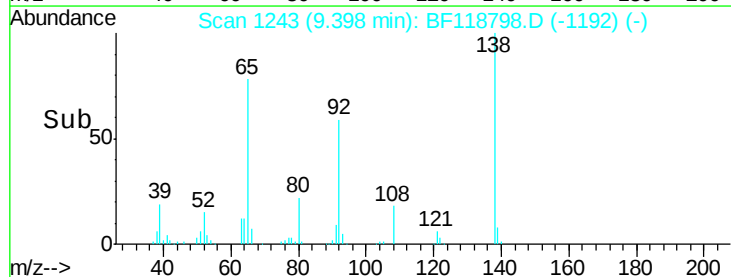
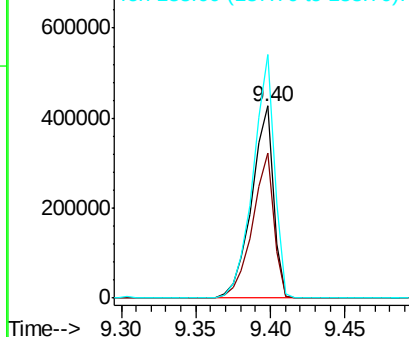


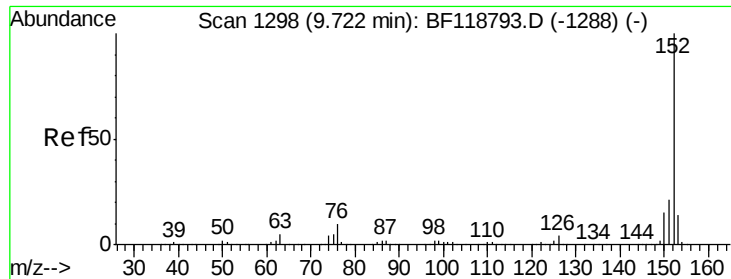
#48
 2-Nitroaniline
 Concen: 40.494 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: BF118798.D
 Acq: 3 Feb 2020 16:09

Tgt Ion: 65 Resp: 429055
 Ion Ratio Lower Upper
 65 100
 92 75.5 60.6 91.0
 138 126.9 104.6 156.8



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: 41.227 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.00 min

Lab File: BF118798.D

Acq: 3 Feb 2020 16:09

Instrument :

BNA_F

ClientSampled :

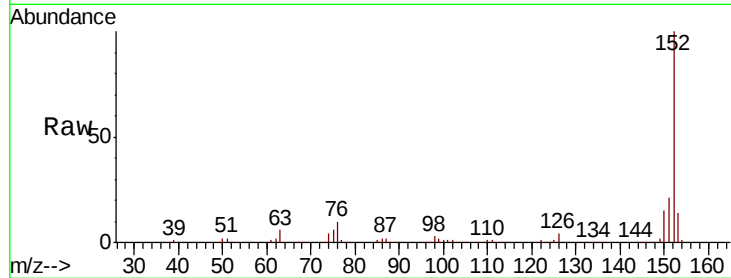
Tot Ion:152 Resp: 2186798

Ion Ratio Lower Upper

152 100

151 21.2 17.1 25.7

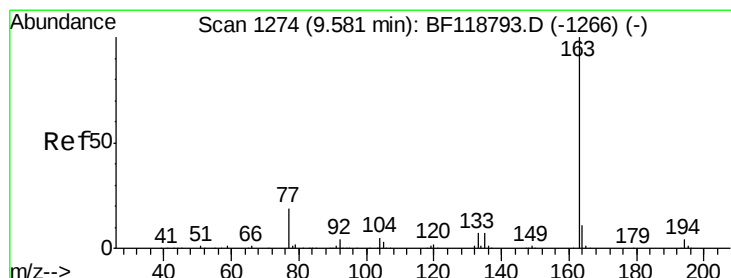
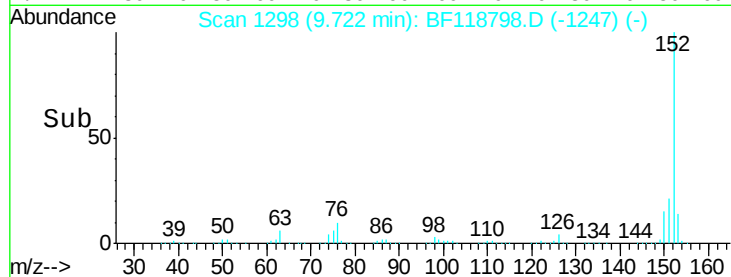
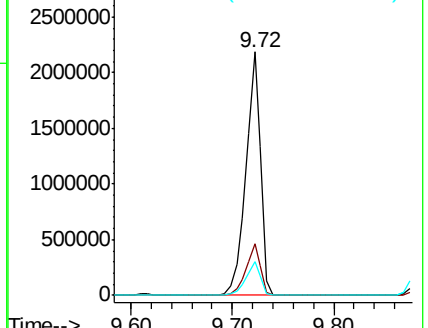
153 13.9 11.0 16.4



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: 40.636 ng

RT: 9.58 min Scan# 1274

Delta R.T. 0.00 min

Lab File: BF118798.D

Acq: 3 Feb 2020 16:09

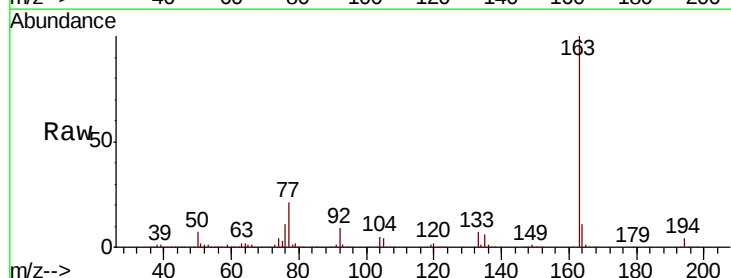
Tgt Ion:163 Resp: 1767573

Ion Ratio Lower Upper

163 100

194 4.5 3.6 5.4

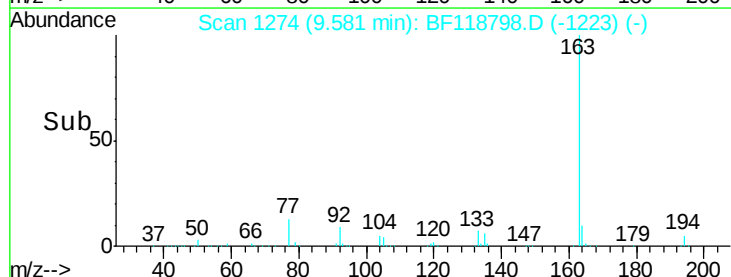
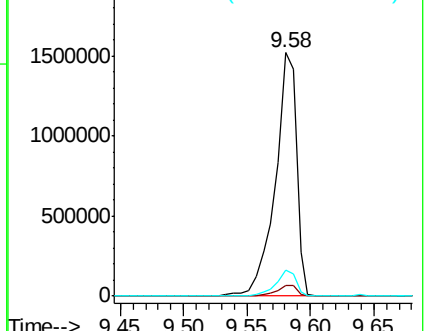
164 10.8 8.7 13.1

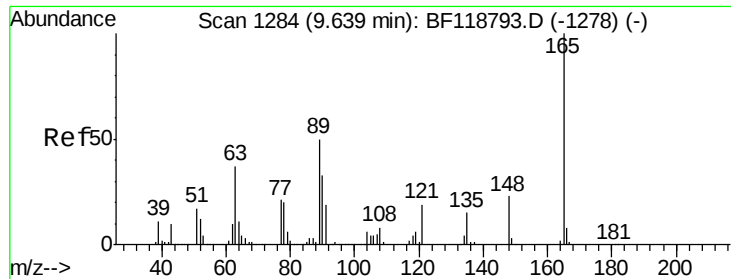


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

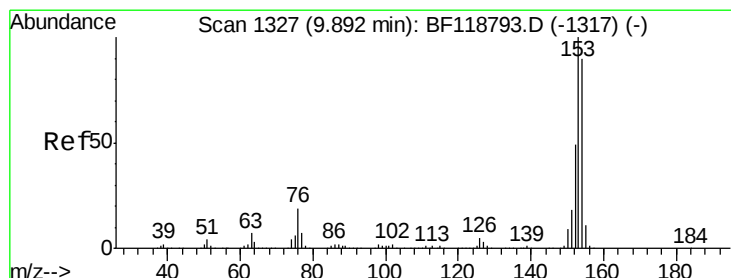
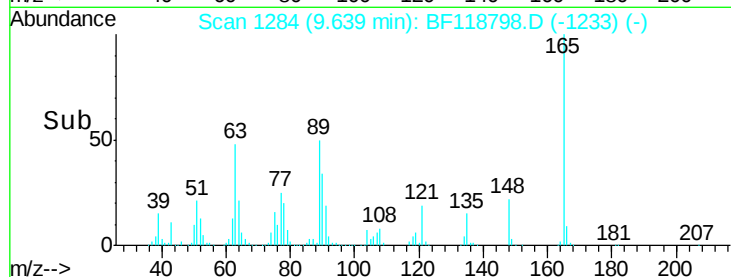
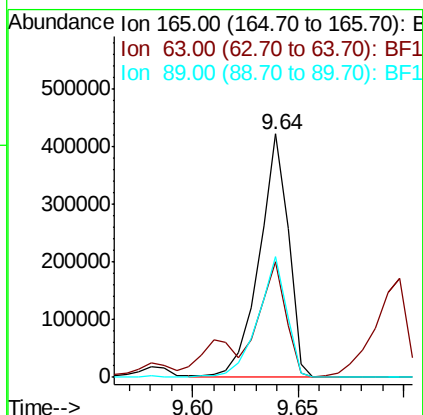
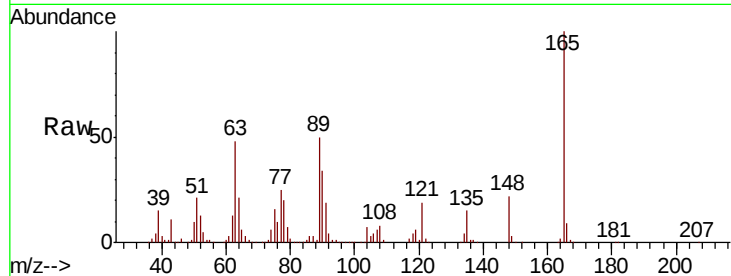




#51
 2,6-Dinitrotoluene
 Concen: 40.819 ng
 RT: 9.64 min Scan# 1284
 Delta R.T. 0.00 min
 Lab File: BF118798.D
 Acq: 3 Feb 2020 16:09

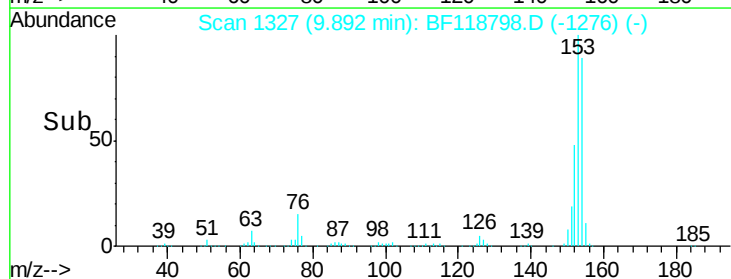
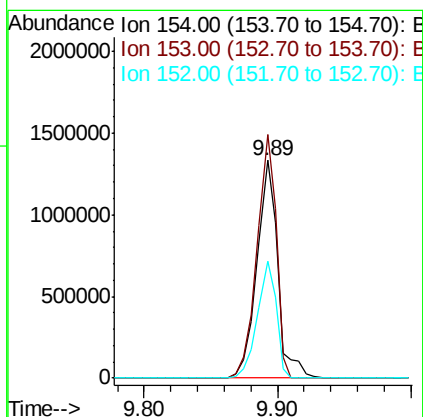
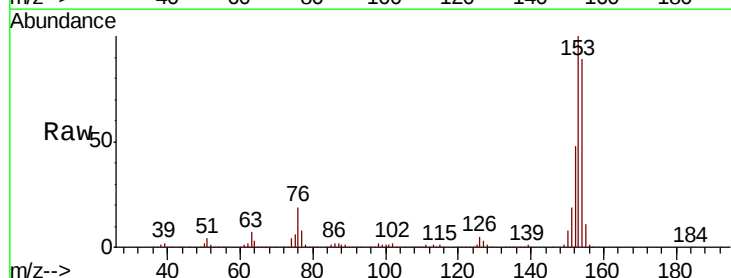
Instrument :
 BNA_F
 ClientSampled :

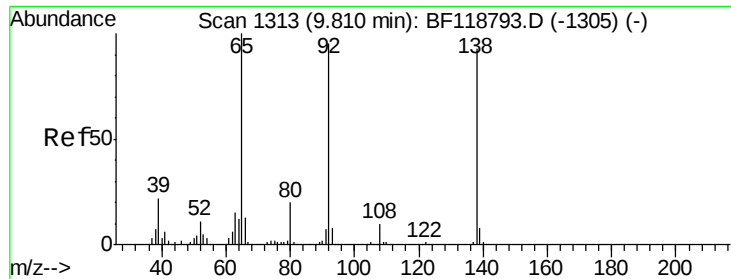
Tot Ion:165 Resp: 406262
 Ion Ratio Lower Upper
 165 100
 63 47.5 37.4 56.0
 89 49.6 39.7 59.5



#52
 Acenaphthene
 Concen: 40.696 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. 0.00 min
 Lab File: BF118798.D
 Acq: 3 Feb 2020 16:09

Tgt Ion:154 Resp: 1422426
 Ion Ratio Lower Upper
 154 100
 153 111.7 89.4 134.0
 152 53.5 43.6 65.4

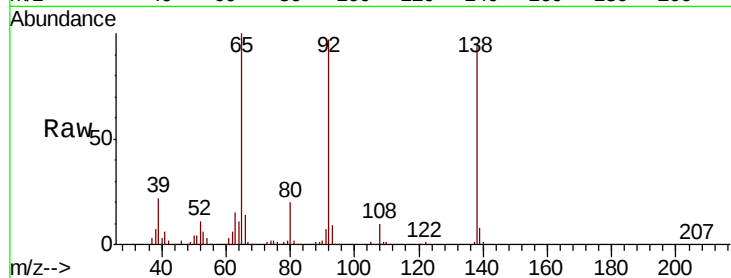




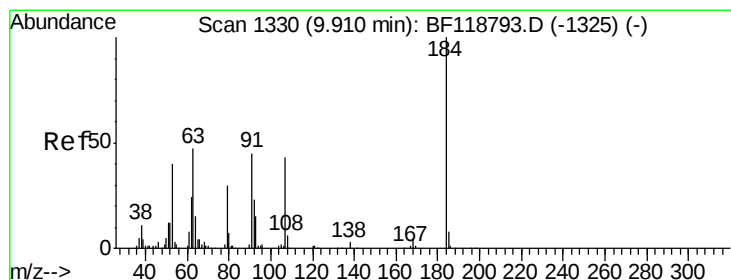
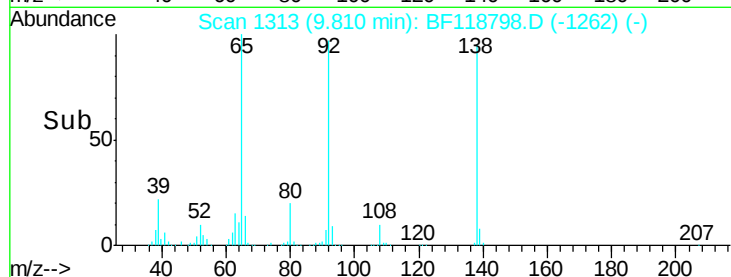
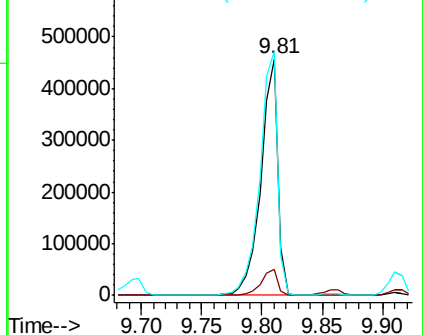
#53
3-Nitroaniline
Concen: 40.701 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BF118798.D
Acq: 3 Feb 2020 16:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 449247
Ion Ratio Lower Upper
138 100
108 11.0 8.5 12.7
92 103.1 82.2 123.4

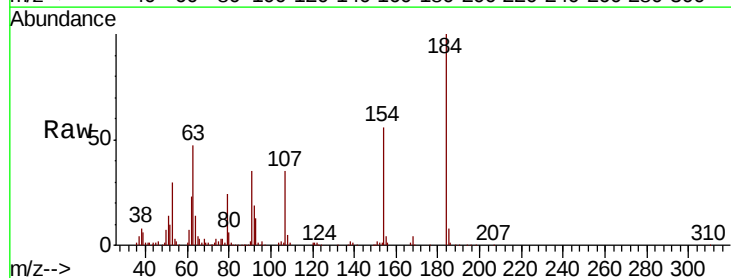


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

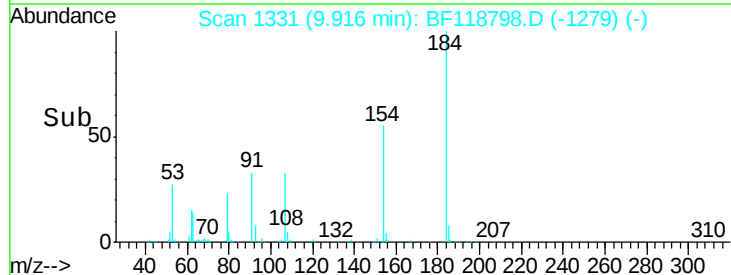
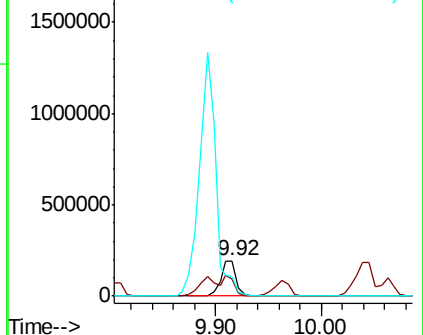


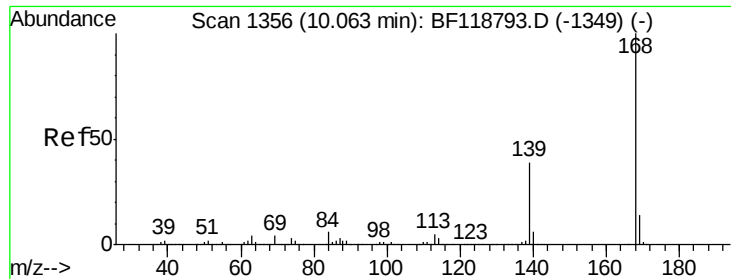
#54
2,4-Dinitrophenol
Concen: 42.981 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF118798.D
Acq: 3 Feb 2020 16:09

Tgt Ion:184 Resp: 205645
Ion Ratio Lower Upper
184 100
63 47.3 47.5 71.3#
154 55.6 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

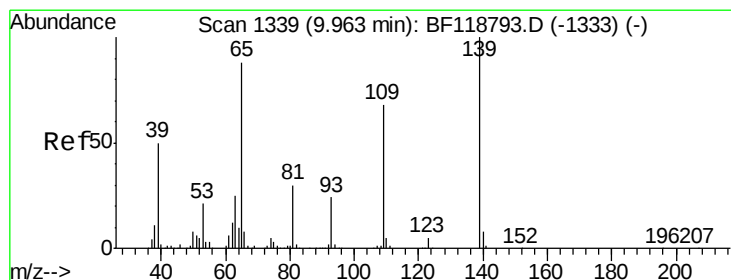
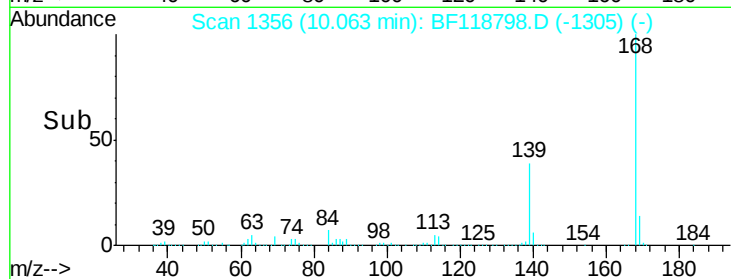
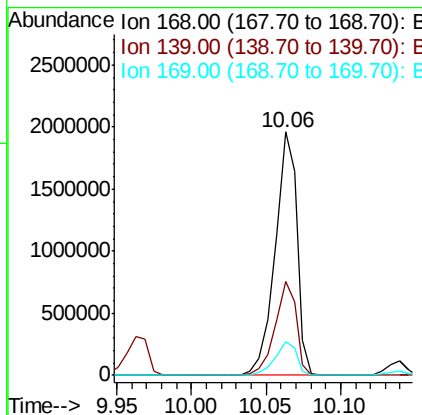
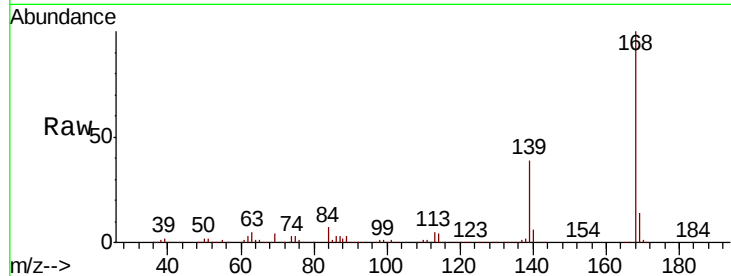




#55
Dibenzofuran
Concen: 39.599 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.00 min
Lab File: BF118798.D
Acq: 3 Feb 2020 16:09

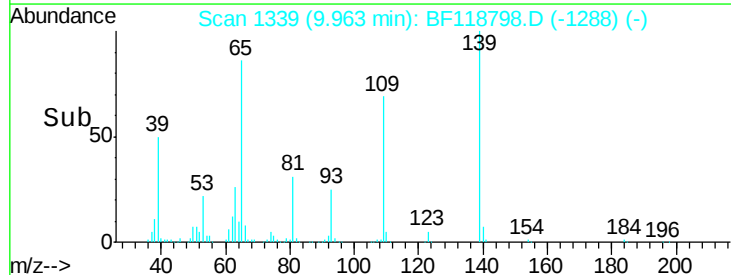
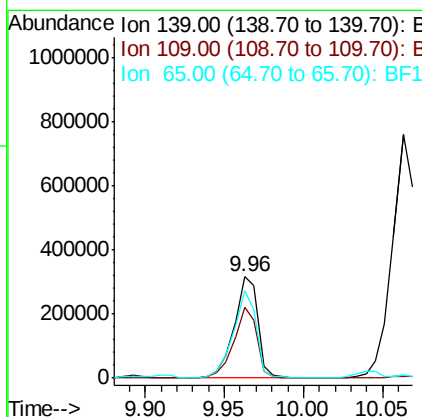
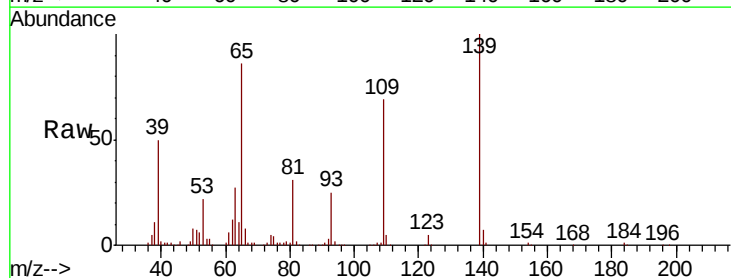
Instrument :
BNA_F
ClientSampled :

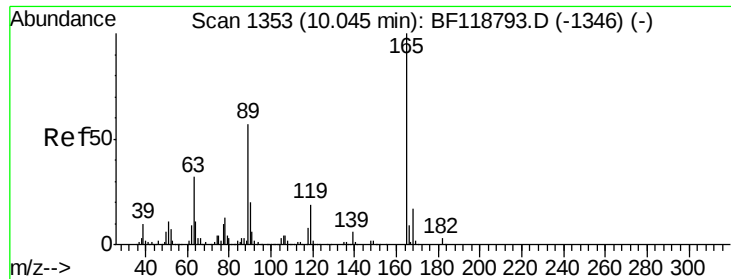
Tot Ion:168 Resp: 2000249
Ion Ratio Lower Upper
168 100
139 38.7 31.6 47.4
169 14.1 11.4 17.2



#56
4-Nitrophenol
Concen: 41.069 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BF118798.D
Acq: 3 Feb 2020 16:09

Tgt Ion:139 Resp: 328077
Ion Ratio Lower Upper
139 100
109 69.4 48.0 88.0
65 86.1 68.3 108.3

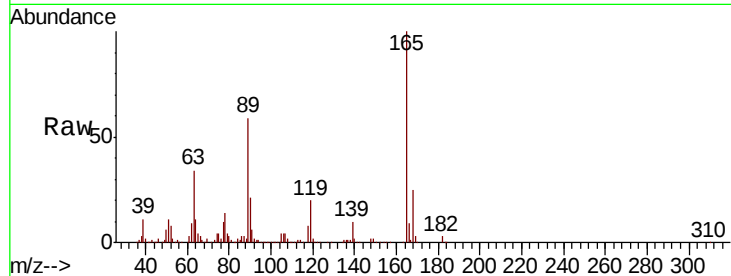




#57
 2,4-Dinitrotoluene
 Concen: 42.007 ng
 RT: 10.05 min Scan# 1353
 Delta R.T. 0.00 min
 Lab File: BF118798.D
 Acq: 3 Feb 2020 16:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	34.2	25.5	38.3
89	59.1	45.4	68.0
182	3.0	2.4	3.6



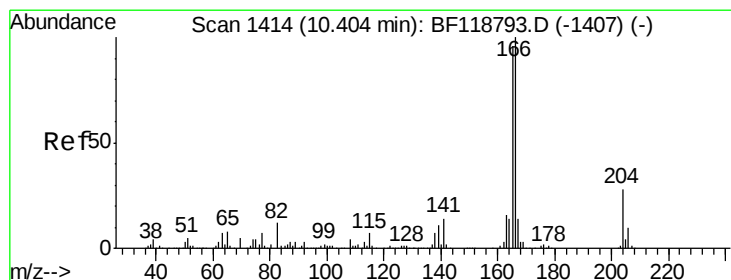
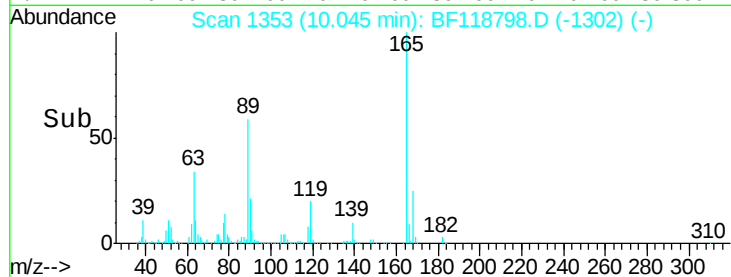
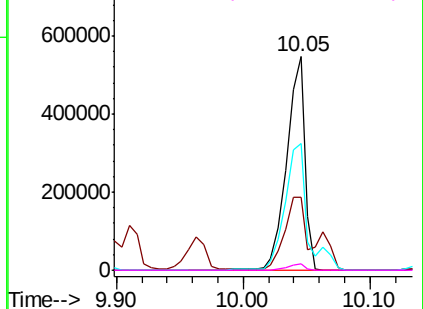
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

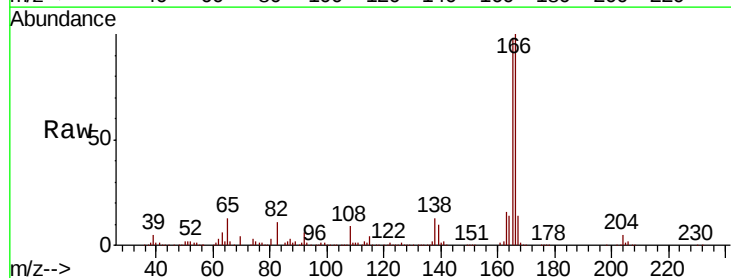
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 39.345 ng
 RT: 10.41 min Scan# 1415
 Delta R.T. 0.01 min
 Lab File: BF118798.D
 Acq: 3 Feb 2020 16:09

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.8	77.0	115.6
167	13.5	11.1	16.7

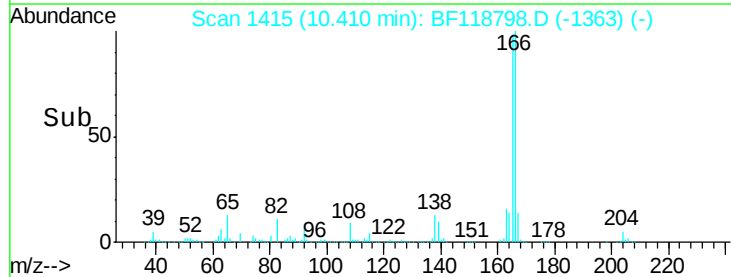
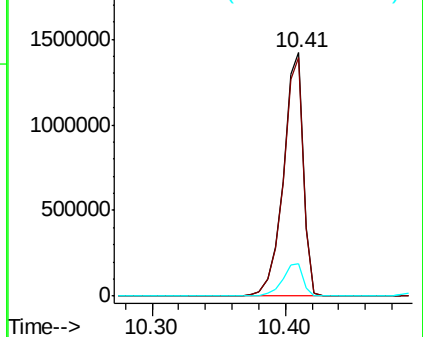


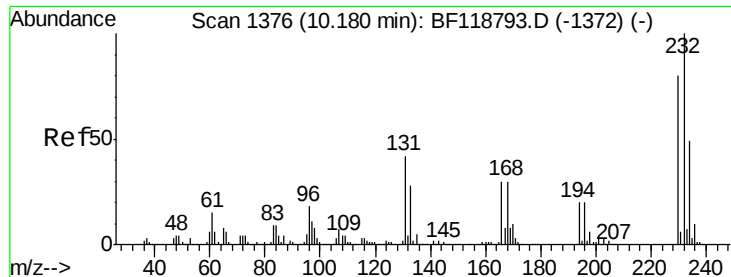
Abundance

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

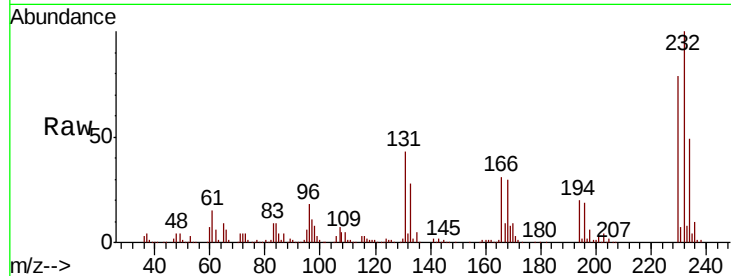




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.487 ng
RT: 10.18 min Scan# 1376
Delta R.T. 0.00 min
Lab File: BF118798.D
Acq: 3 Feb 2020 16:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	40.0	31.8	47.6
130	2.0	1.6	2.4
166	28.9	23.1	34.7



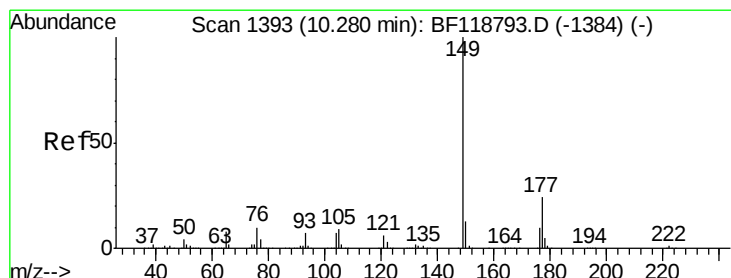
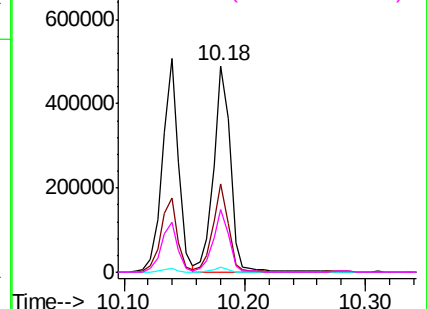
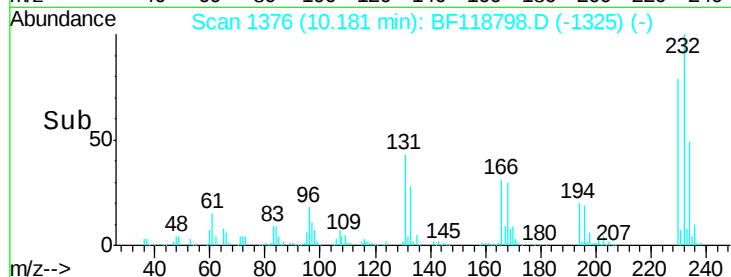
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

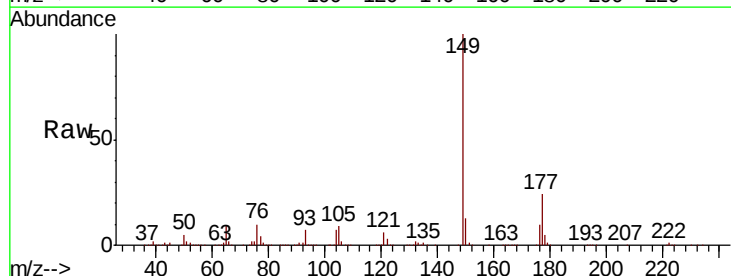
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 41.889 ng
RT: 10.28 min Scan# 1393
Delta R.T. 0.00 min
Lab File: BF118798.D
Acq: 3 Feb 2020 16:09

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.7	19.3	28.9
150	13.3	10.4	15.6

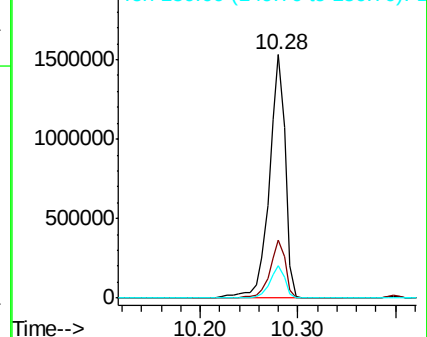
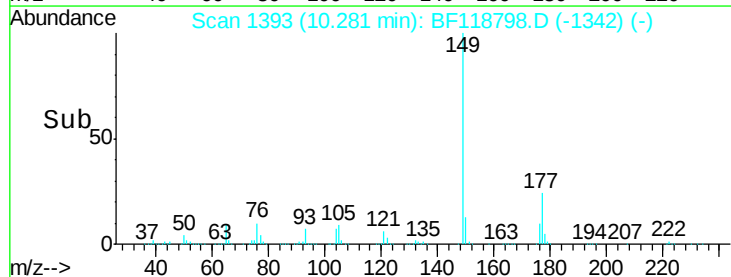


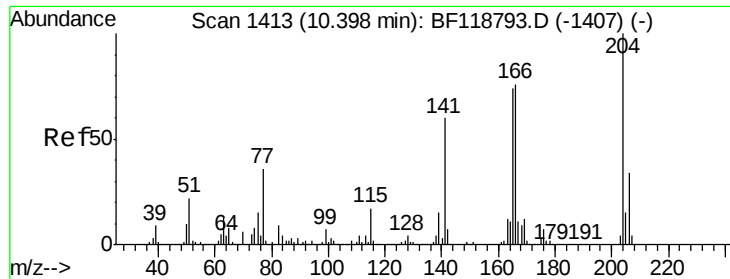
Abundance

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

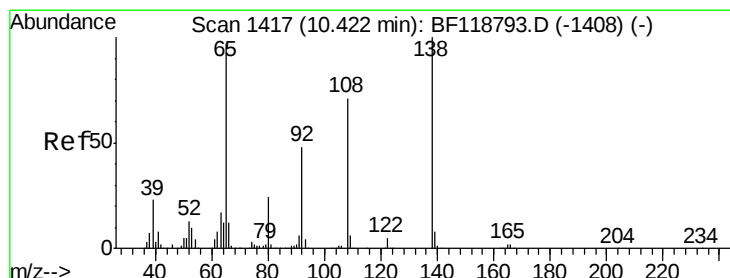
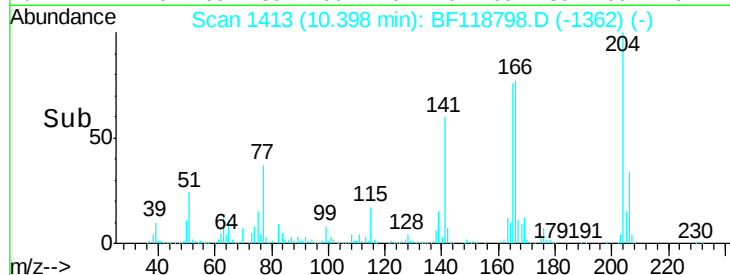
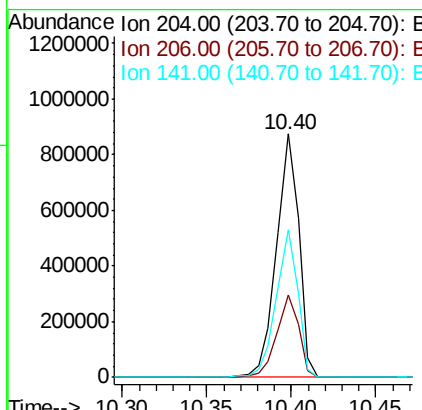
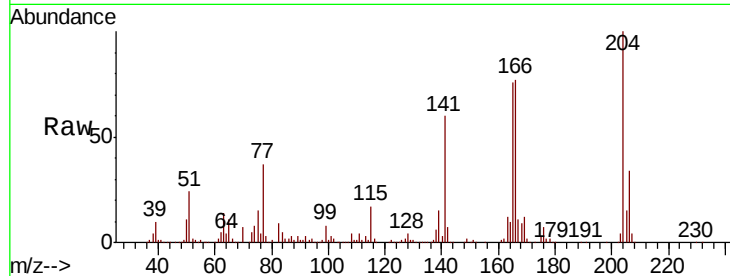




#61
 4-Chlorophenyl-phenylether
 Concen: 39.081 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. 0.00 min
 Lab File: BF118798.D
 Acq: 3 Feb 2020 16:09

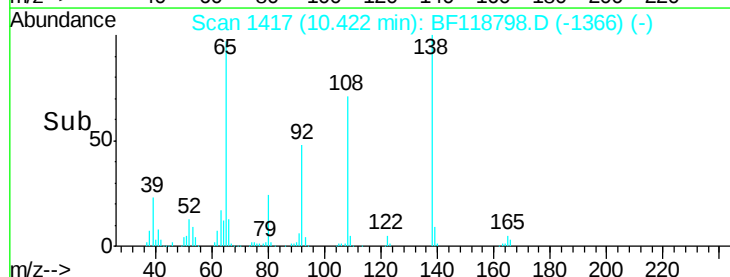
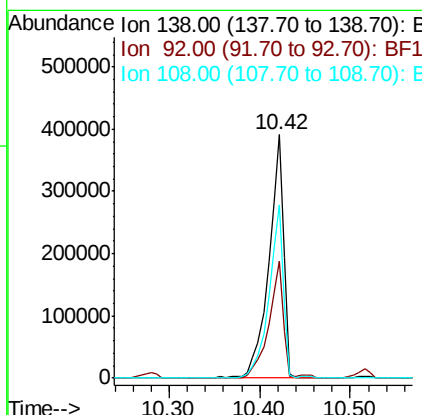
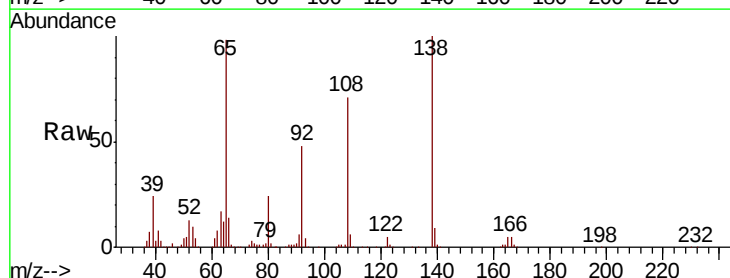
Instrument :
 BNA_F
 ClientSampled :

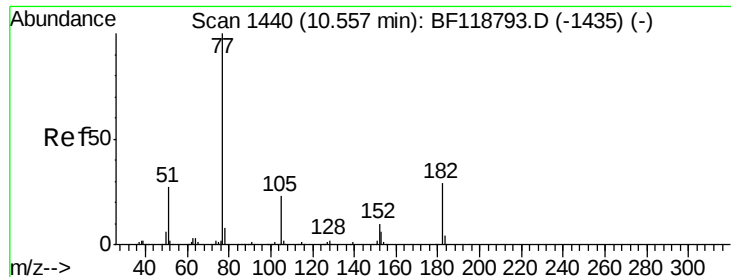
Tot Ion: 204 Resp: 805417
 Ion Ratio Lower Upper
 204 100
 206 34.0 27.4 41.2
 141 60.4 47.8 71.6



#62
 4-Nitroaniline
 Concen: 41.270 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. 0.00 min
 Lab File: BF118798.D
 Acq: 3 Feb 2020 16:09

Tgt Ion: 138 Resp: 456175
 Ion Ratio Lower Upper
 138 100
 92 48.1 27.6 67.6
 108 71.1 51.3 91.3





#63

Azobenzene

Concen: 40.708 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BF118798.D

Acq: 3 Feb 2020 16:09

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1469974

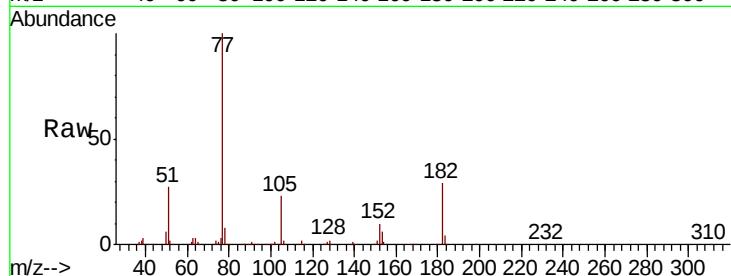
Ion	Ratio	Lower	Upper
77	100		
182	29.3	9.2	49.2
105	22.9	3.1	43.1
51	27.4	7.4	47.4

77 100

182 29.3 9.2 49.2

105 22.9 3.1 43.1

51 27.4 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

2000000

1500000

1000000

500000

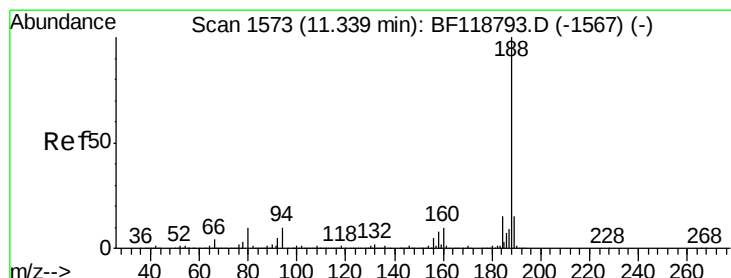
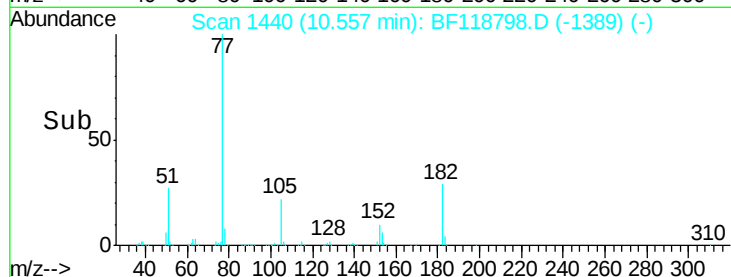
0

10.50

10.55

10.60

Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.35 min Scan# 1574

Delta R.T. 0.01 min

Lab File: BF118798.D

Acq: 3 Feb 2020 16:09

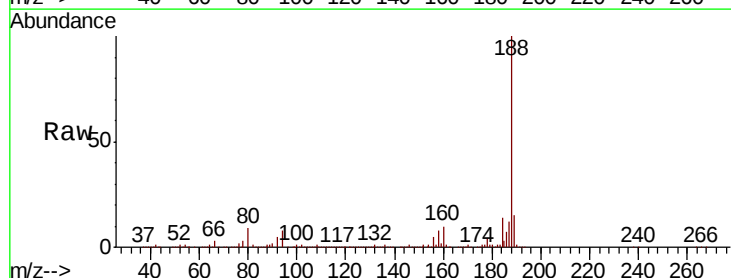
Tgt Ion: 188 Resp: 1228945

Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.9	11.9
80	9.0	8.4	12.6

188 100

94 8.3 7.9 11.9

80 9.0 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

1500000

1000000

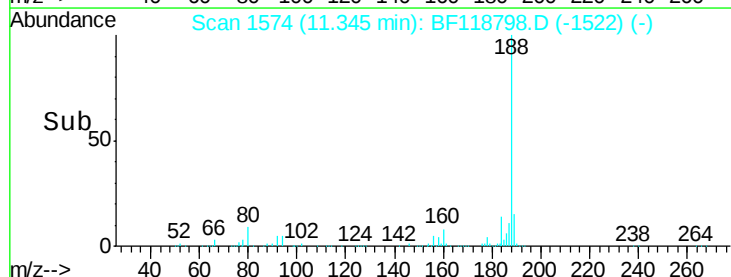
500000

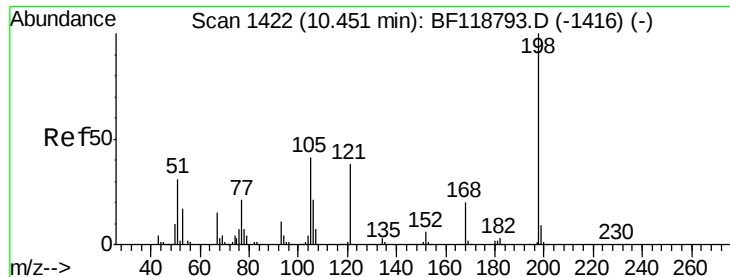
0

11.30

11.40

Time-->





#65

4,6-Dinitro-2-methylphenol

Concen: 40.965 ng

RT: 10.45 min Scan# 1422

Delta R.T. 0.00 min

Lab File: BF118798.D

Acq: 3 Feb 2020 16:09

Instrument :

BNA_F

ClientSampleId :

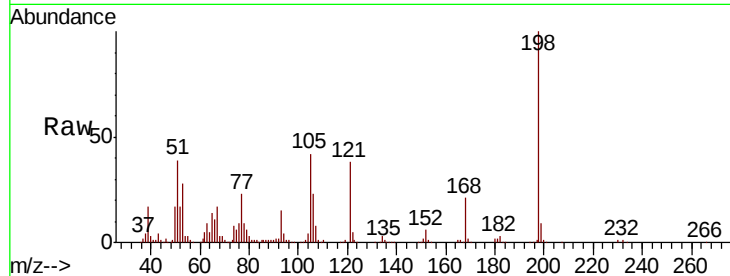
Tot Ion:198 Resp: 282891

Ion Ratio Lower Upper

198 100

51 38.6 16.7 56.7

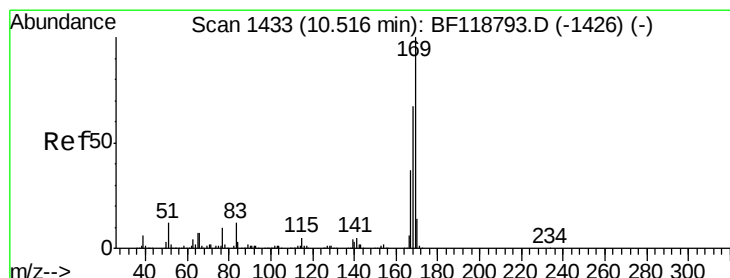
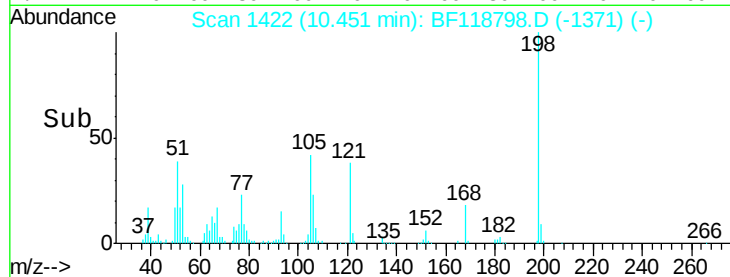
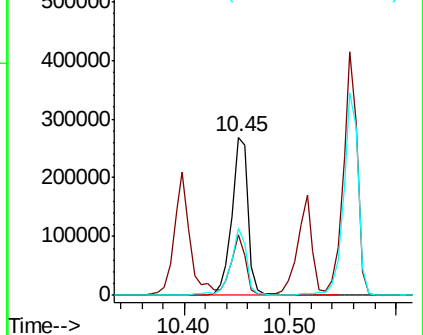
105 42.0 22.0 62.0



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



#66

n-Nitrosodiphenylamine

Concen: 40.237 ng

RT: 10.52 min Scan# 1433

Delta R.T. 0.00 min

Lab File: BF118798.D

Acq: 3 Feb 2020 16:09

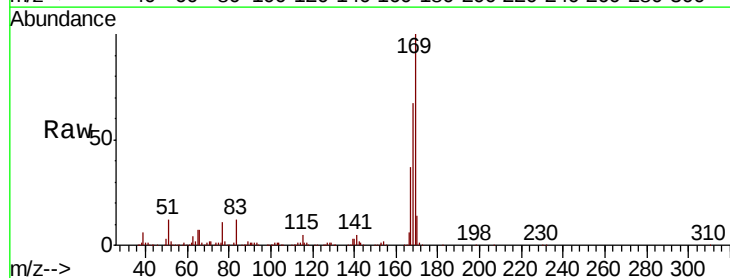
Tgt Ion:169 Resp: 1432366

Ion Ratio Lower Upper

169 100

168 67.5 53.5 80.3

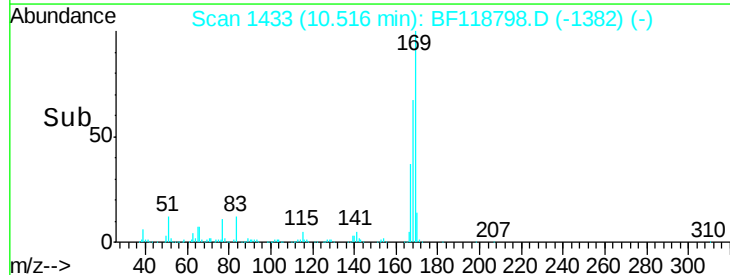
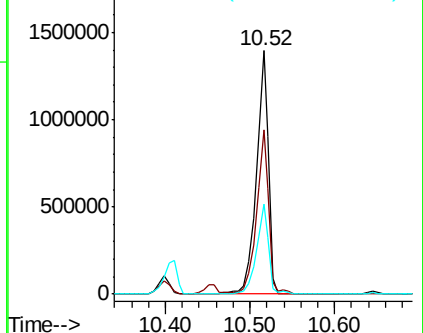
167 37.1 29.3 43.9

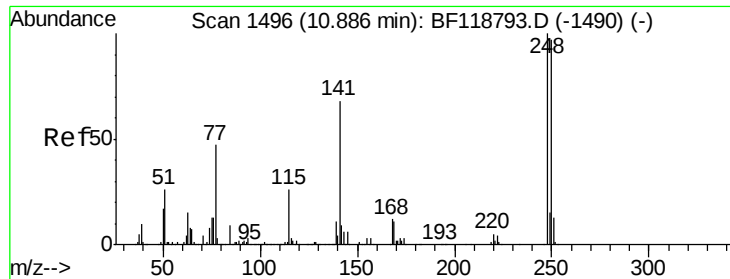


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

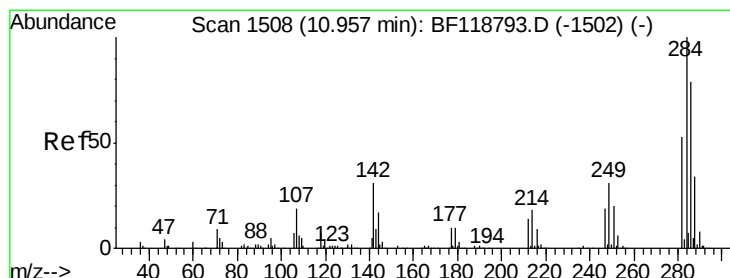
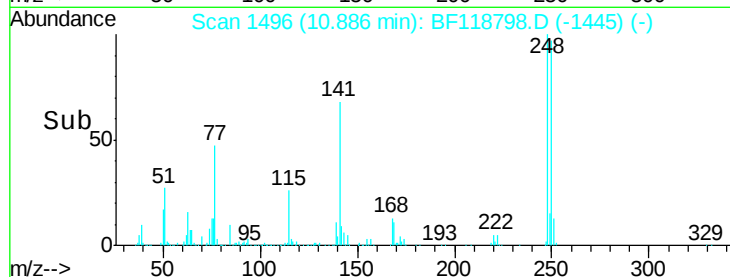
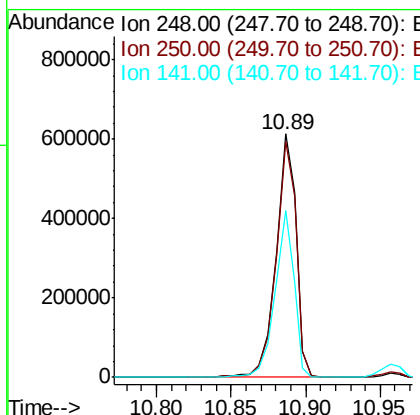
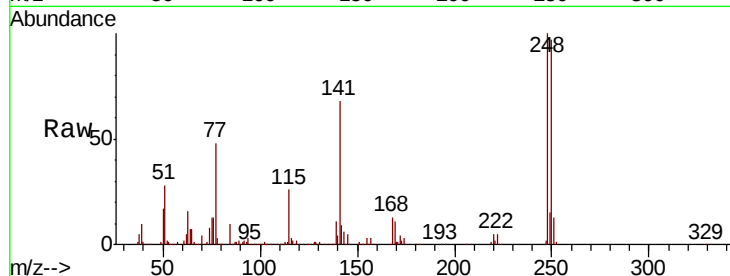




#67
4-Bromophenyl-phenylether
Concen: 39.499 ng
RT: 10.89 min Scan# 1496
Delta R.T. 0.00 min
Lab File: BF118798.D
Acq: 3 Feb 2020 16:09

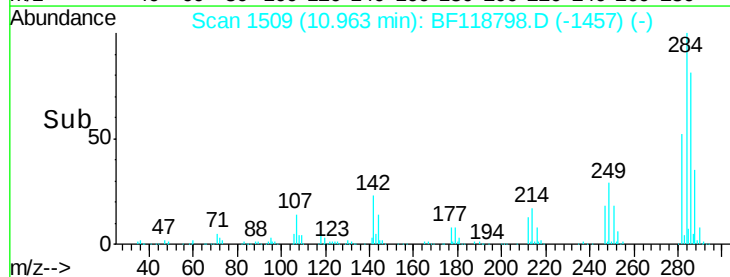
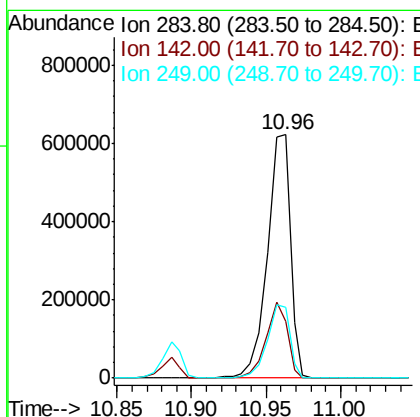
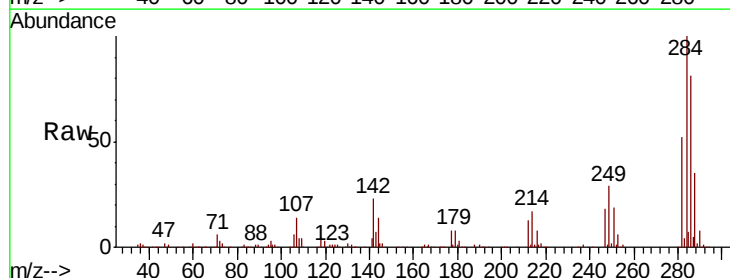
Instrument :
BNA_F
ClientSampleId :

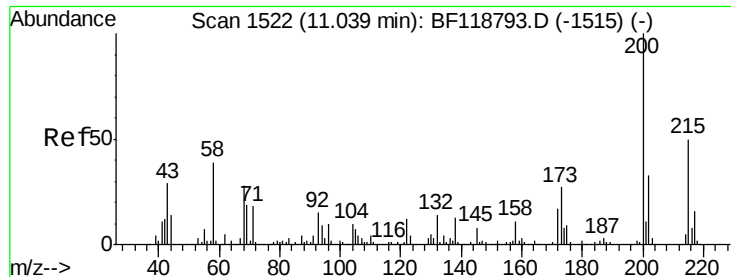
Tot Ion:248 Resp: 574238
Ion Ratio Lower Upper
248 100
250 96.7 77.6 116.4
141 68.5 54.4 81.6



#68
Hexachlorobenzene
Concen: 39.831 ng
RT: 10.96 min Scan# 1509
Delta R.T. 0.01 min
Lab File: BF118798.D
Acq: 3 Feb 2020 16:09

Tgt Ion:284 Resp: 664174
Ion Ratio Lower Upper
284 100
142 23.5 24.5 36.7#
249 29.0 24.7 37.1

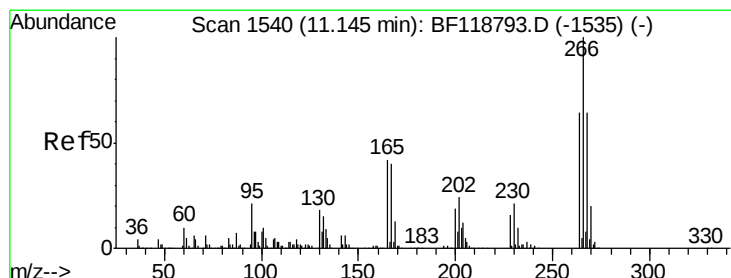
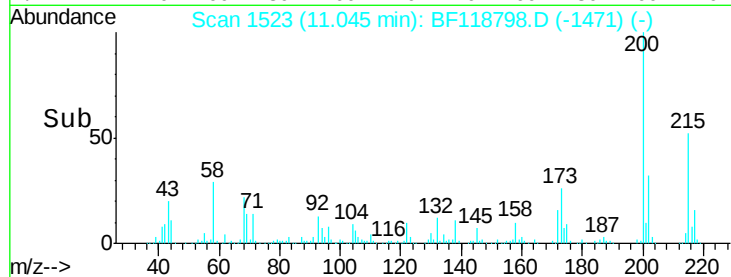
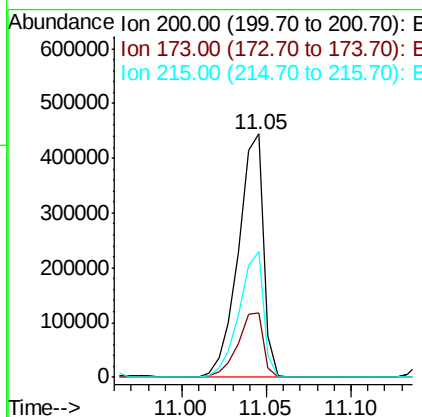
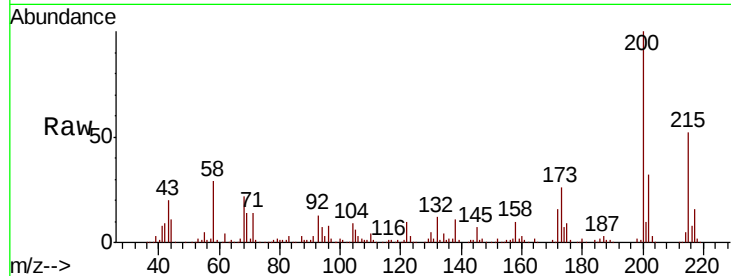




#69
 Atrazine
 Concen: 38.966 ng
 RT: 11.05 min Scan# 1523
 Delta R.T. 0.01 min
 Lab File: BF118798.D
 Acq: 3 Feb 2020 16:09

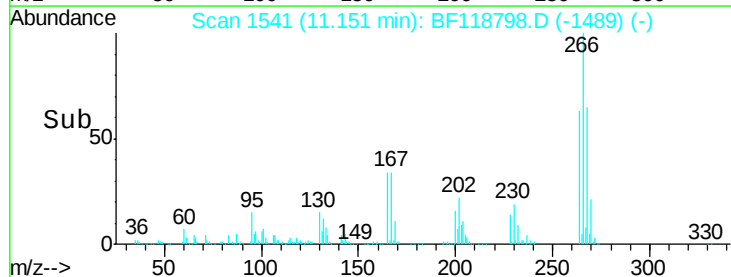
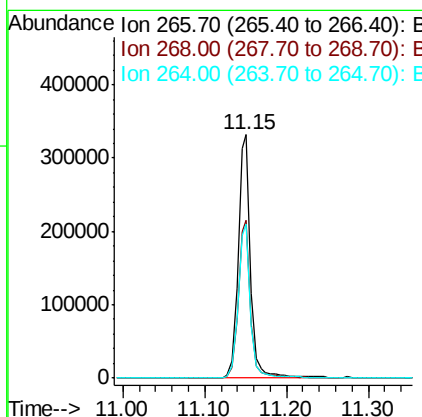
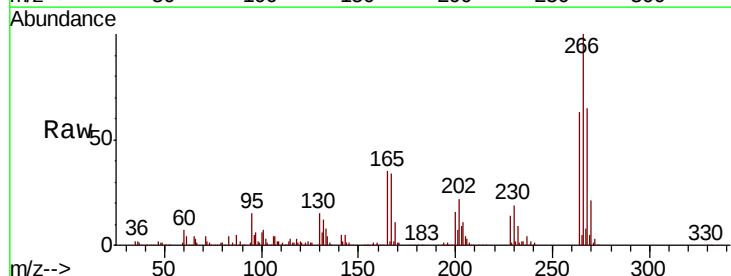
Instrument :
 BNA_F
 ClientSampleId :

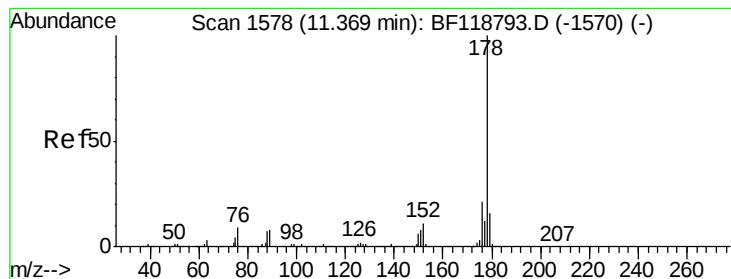
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.4	7.5	47.5
215	51.7	29.9	69.9



#70
 Pentachlorophenol
 Concen: 40.234 ng
 RT: 11.15 min Scan# 1541
 Delta R.T. 0.01 min
 Lab File: BF118798.D
 Acq: 3 Feb 2020 16:09

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.7	51.0	76.6
264	63.0	51.4	77.2





#71

Phenanthrene

Concen: 39.639 ng

RT: 11.37 min Scan# 1578

Delta R.T. 0.00 min

Lab File: BF118798.D

Acq: 3 Feb 2020 16:09

Instrument :

BNA_F

ClientSampleId :

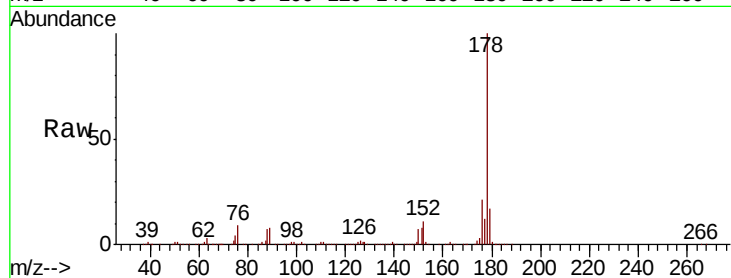
Tot Ion:178 Resp: 2396819

Ion Ratio Lower Upper

178 100

176 20.8 16.6 24.8

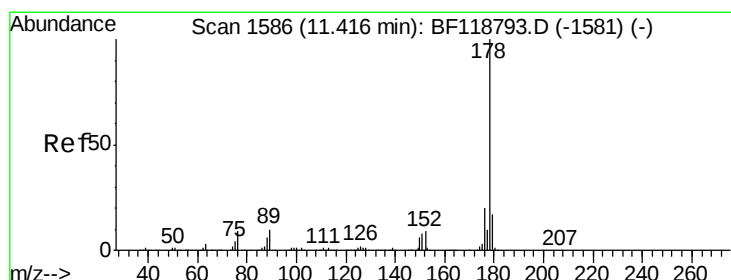
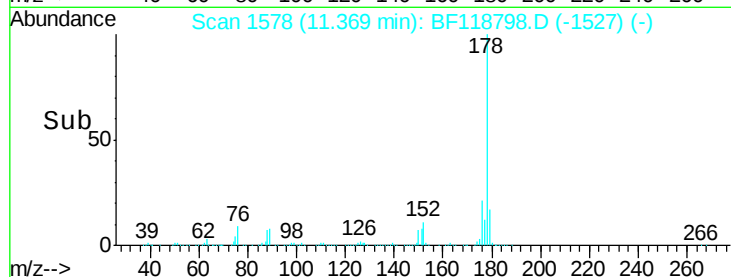
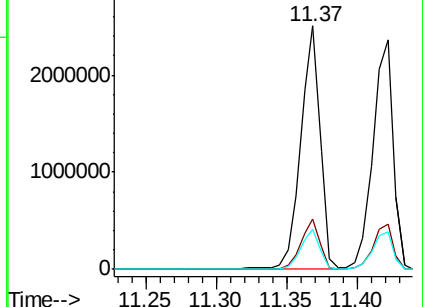
179 16.6 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.362 ng

RT: 11.42 min Scan# 1587

Delta R.T. 0.01 min

Lab File: BF118798.D

Acq: 3 Feb 2020 16:09

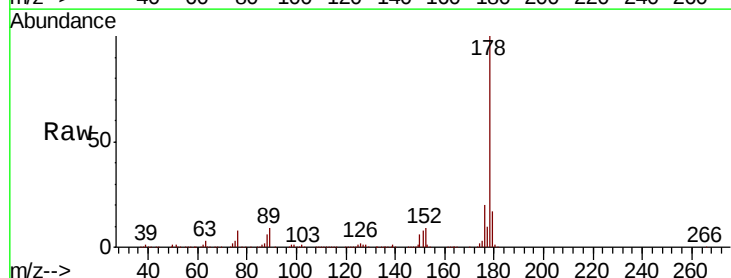
Tgt Ion:178 Resp: 2367741

Ion Ratio Lower Upper

178 100

176 20.0 16.2 24.2

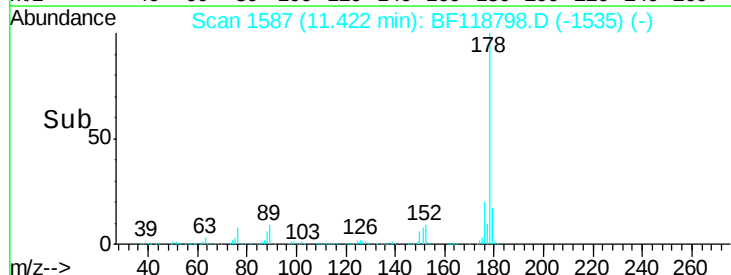
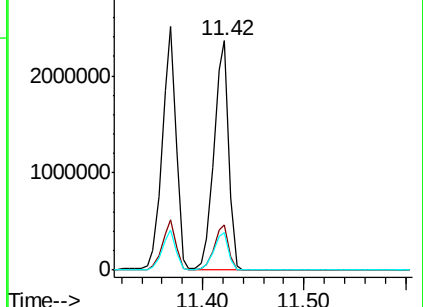
179 16.6 13.4 20.2

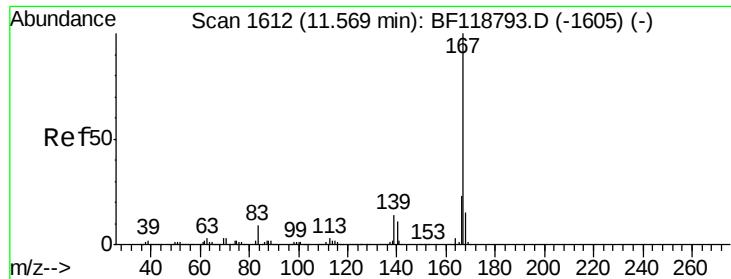


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 40.784 ng

RT: 11.57 min Scan# 1612

Delta R.T. 0.00 min

Lab File: BF118798.D

Acq: 3 Feb 2020 16:09

Instrument :

BNA_F

ClientSampleId :

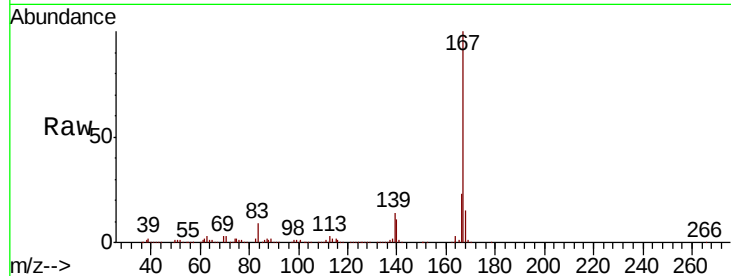
Tot Ion:167 Resp: 2153025

Ion Ratio Lower Upper

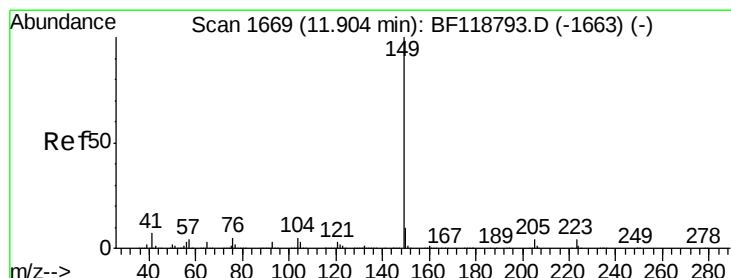
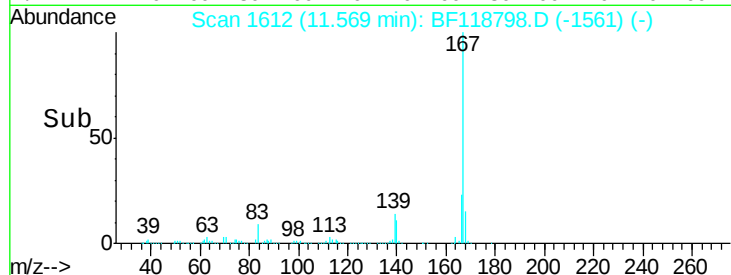
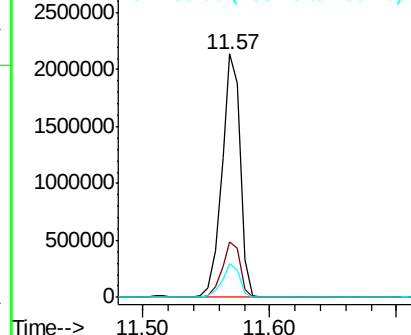
167 100

166 22.8 18.4 27.6

139 13.8 11.1 16.7



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 38.410 ng

RT: 11.90 min Scan# 1669

Delta R.T. 0.00 min

Lab File: BF118798.D

Acq: 3 Feb 2020 16:09

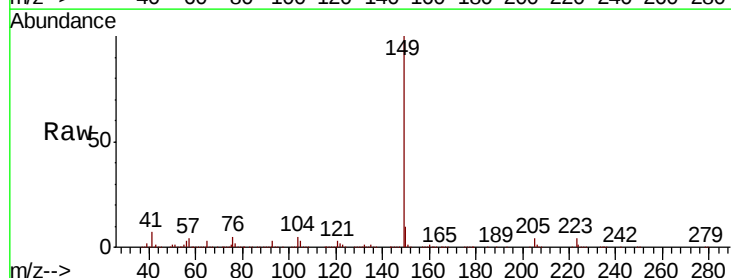
Tgt Ion:149 Resp: 2583032

Ion Ratio Lower Upper

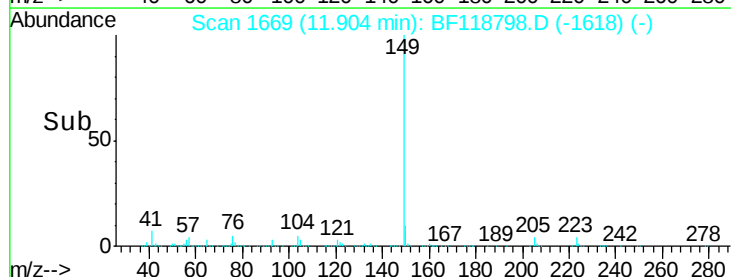
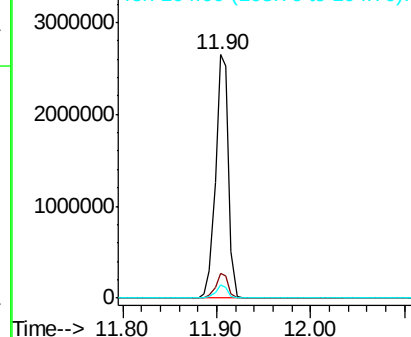
149 100

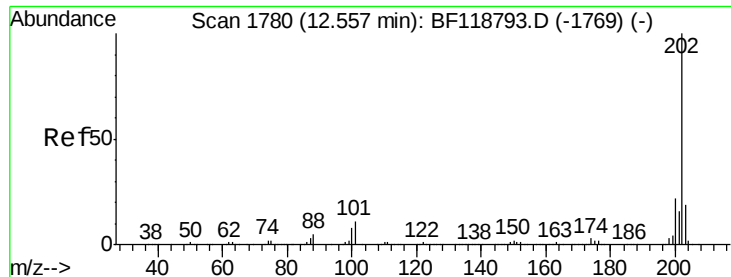
150 10.2 8.1 12.1

104 5.4 4.3 6.5



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 39.497 ng

RT: 12.56 min Scan# 1780

Delta R.T. 0.00 min

Lab File: BF118798.D

Acq: 3 Feb 2020 16:09

Instrument :

BNA_F

ClientSampleId :

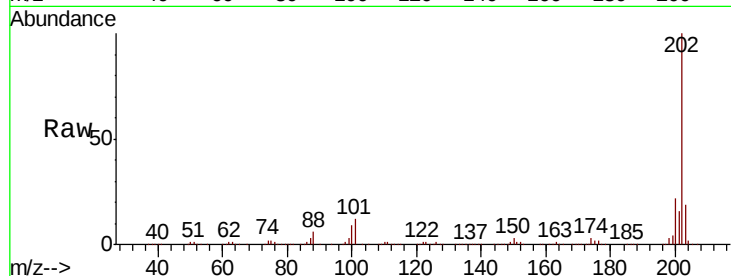
Tot Ion:202 Resp: 2607506

Ion Ratio Lower Upper

202 100

101 11.9 0.0 31.0

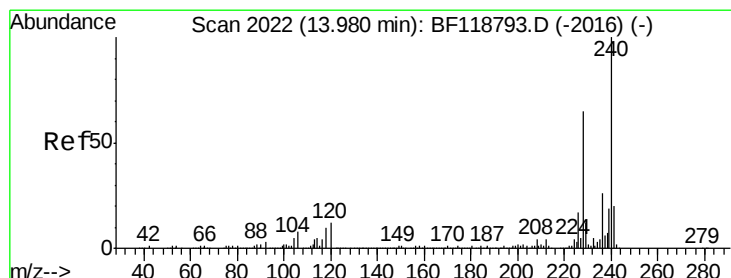
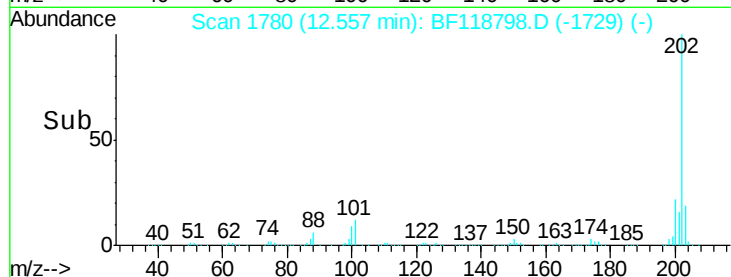
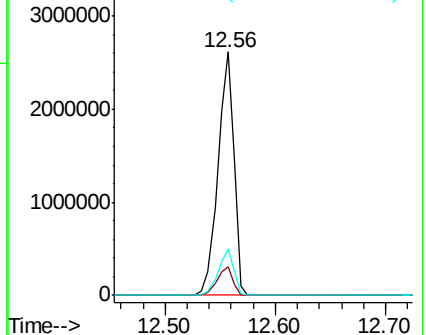
203 19.0 0.0 38.7



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: 13.99 min Scan# 2023

Delta R.T. 0.01 min

Lab File: BF118798.D

Acq: 3 Feb 2020 16:09

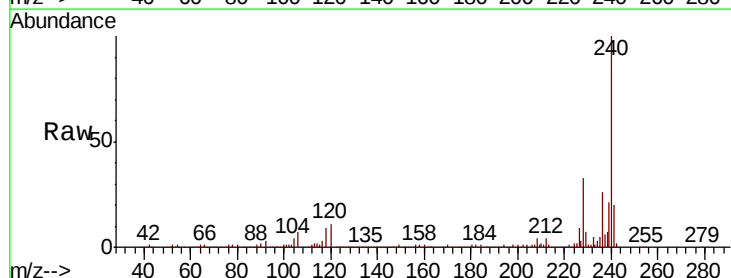
Tgt Ion:240 Resp: 1042702

Ion Ratio Lower Upper

240 100

120 10.6 9.4 14.0

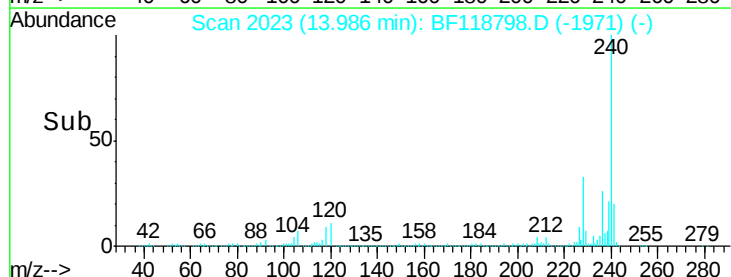
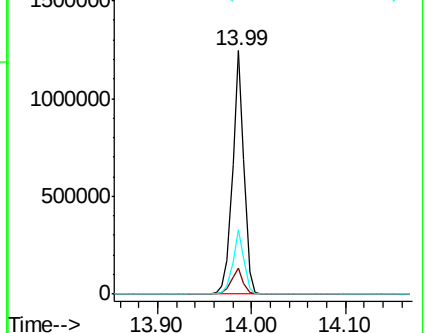
236 26.4 21.0 31.6

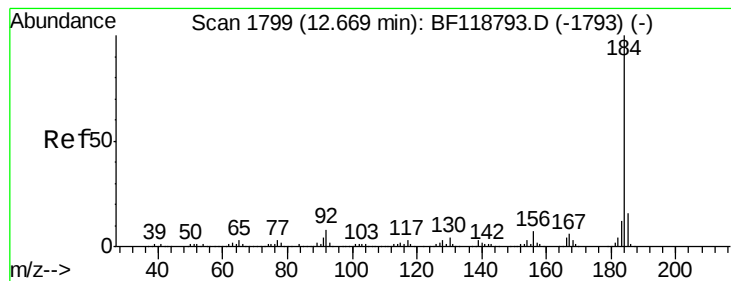


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 42.041 ng

RT: 12.67 min Scan# 1800

Delta R.T. 0.01 min

Lab File: BF118798.D

Acq: 3 Feb 2020 16:09

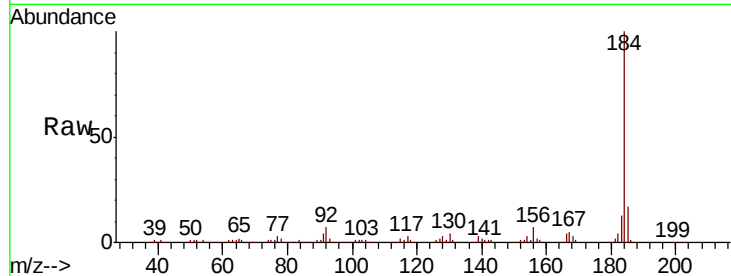
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 1325846

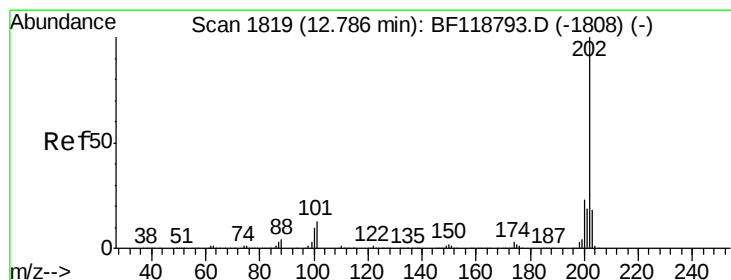
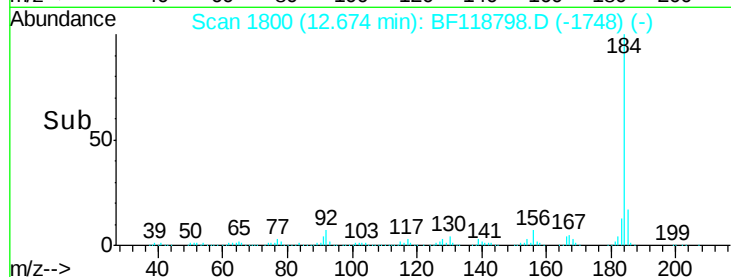
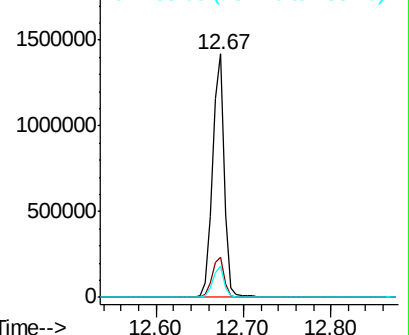
Ion	Ratio	Lower	Upper
184	100		
185	16.6	12.5	18.7
183	12.6	9.7	14.5



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: 37.003 ng

RT: 12.79 min Scan# 1819

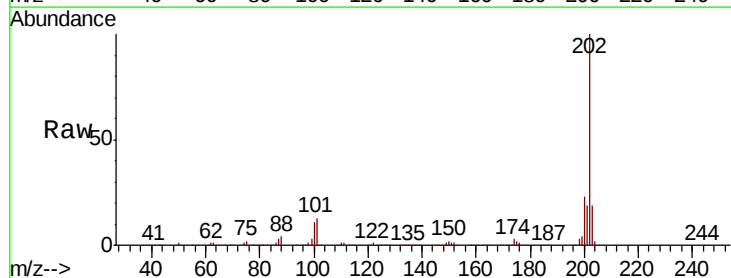
Delta R.T. 0.00 min

Lab File: BF118798.D

Acq: 3 Feb 2020 16:09

Tgt Ion:202 Resp: 2646934

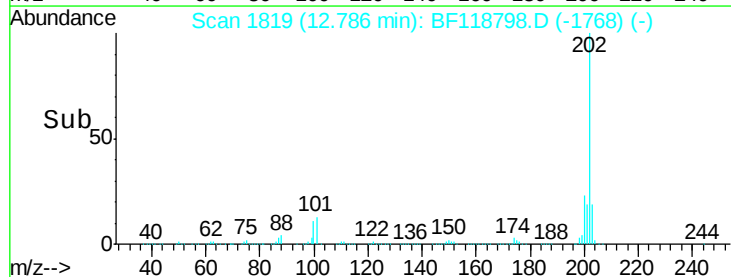
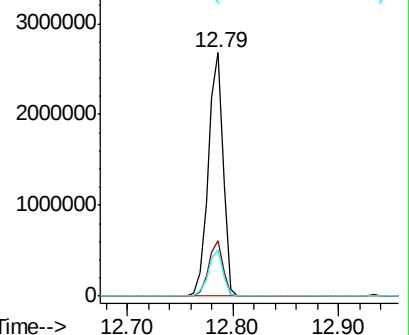
Ion	Ratio	Lower	Upper
202	100		
200	22.7	18.2	27.2
203	18.9	14.8	22.2

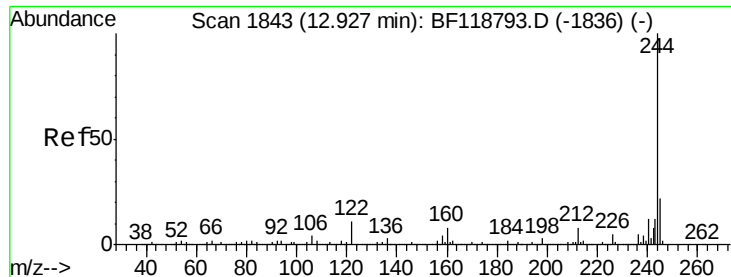


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

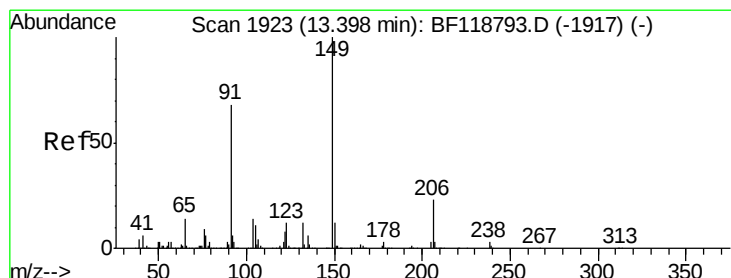
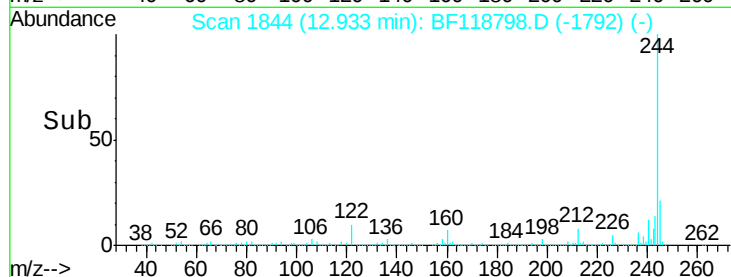
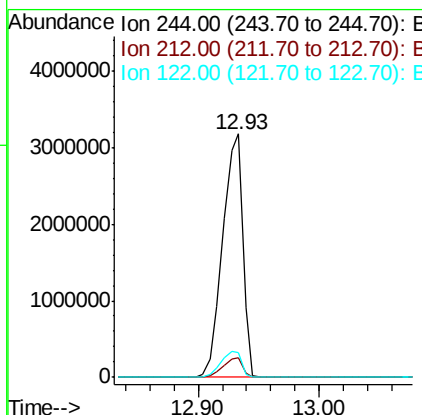
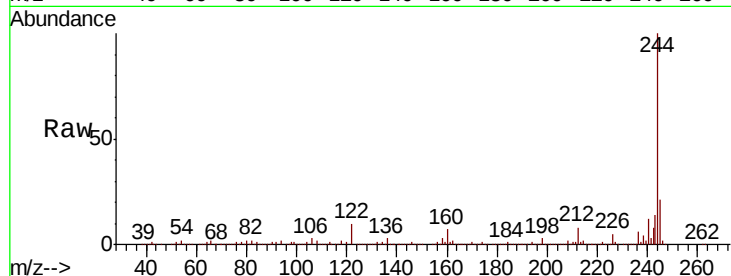




#79
 Terphenyl-d14
 Concen: 72.309 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. 0.01 min
 Lab File: BF118798.D
 Acq: 3 Feb 2020 16:09

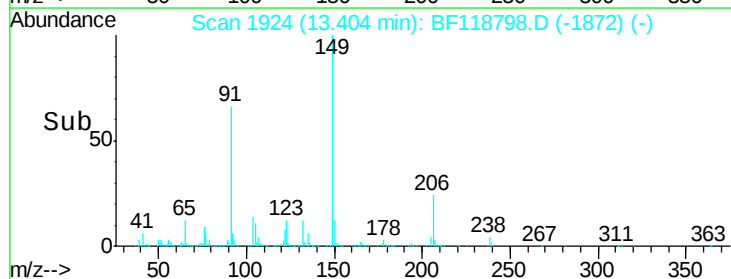
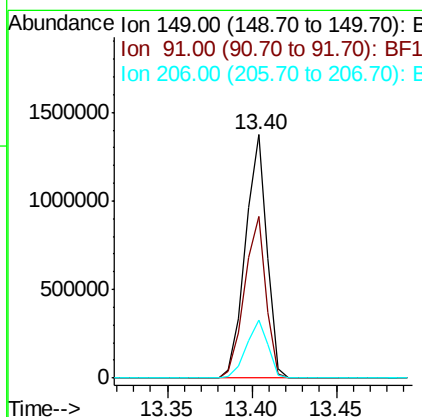
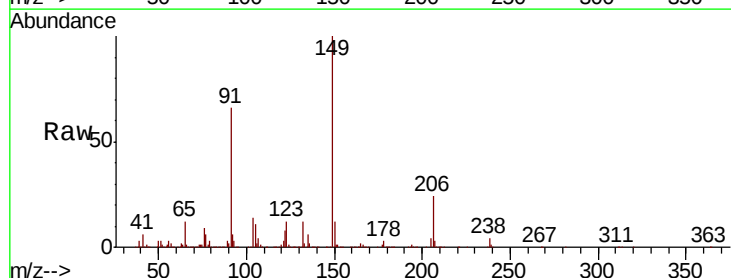
Instrument :
 BNA_F
 ClientSampleId :

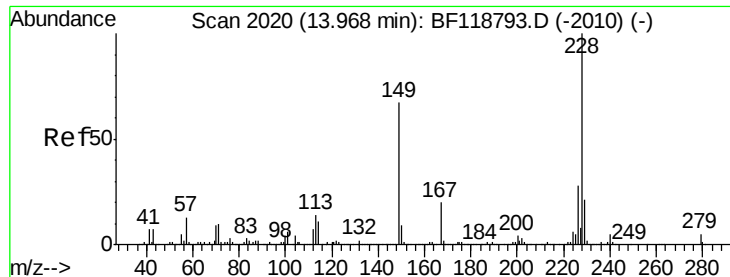
Tot Ion:244 Resp: 3670667
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.5 9.7
 122 10.0 8.9 13.3



#80
 Butylbenzylphthalate
 Concen: 37.369 ng
 RT: 13.40 min Scan# 1924
 Delta R.T. 0.01 min
 Lab File: BF118798.D
 Acq: 3 Feb 2020 16:09

Tgt Ion:149 Resp: 1220083
 Ion Ratio Lower Upper
 149 100
 91 66.2 54.7 82.1
 206 24.0 18.5 27.7

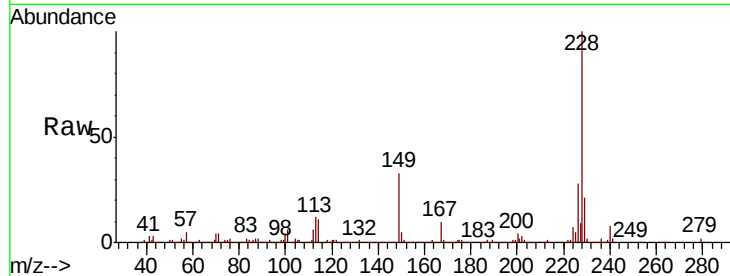




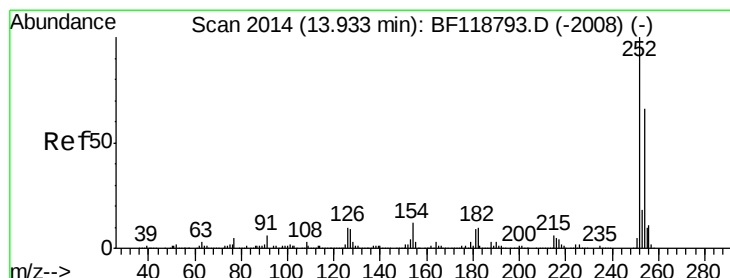
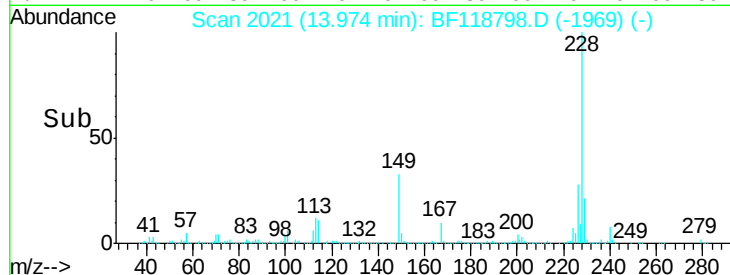
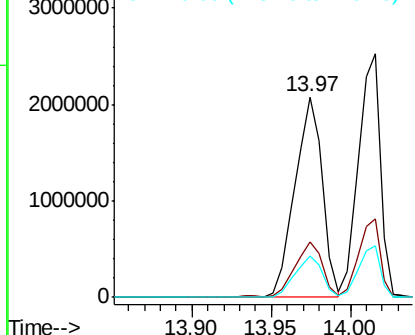
#81
Benzo(a)anthracene
Concen: 39.860 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.01 min
Lab File: BF118798.D
Acq: 3 Feb 2020 16:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 2473189
Ion Ratio Lower Upper
228 100
226 27.8 22.7 34.1
229 20.5 16.6 25.0

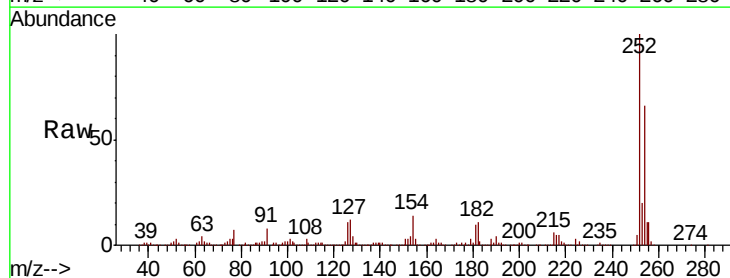


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

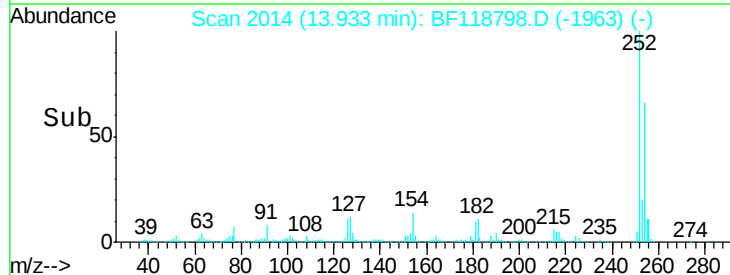
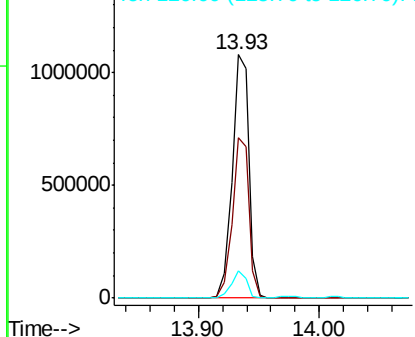


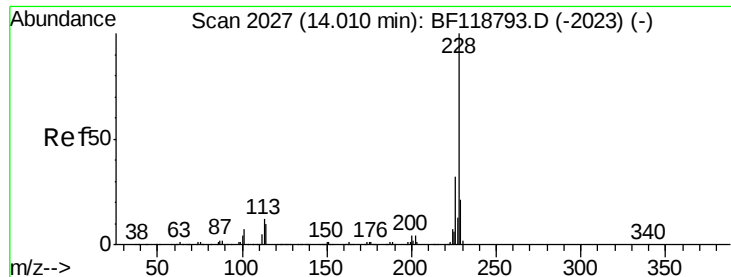
#82
3,3'-Dichlorobenzidine
Concen: 40.908 ng
RT: 13.93 min Scan# 2014
Delta R.T. 0.00 min
Lab File: BF118798.D
Acq: 3 Feb 2020 16:09

Tgt Ion:252 Resp: 1038131
Ion Ratio Lower Upper
252 100
254 65.7 52.4 78.6
126 11.4 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: 39.320 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.01 min

Lab File: BF118798.D

Acq: 3 Feb 2020 16:09

Instrument :

BNA_F

ClientSampleId :

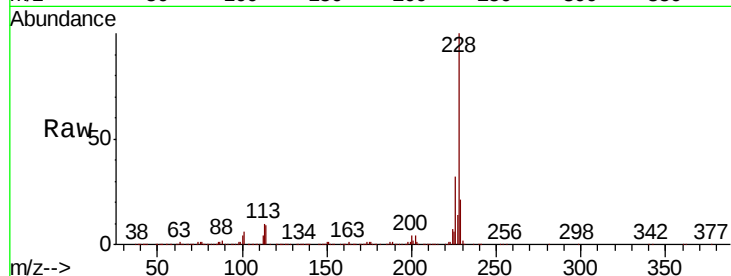
Tot Ion:228 Resp: 2448574

Ion Ratio Lower Upper

228 100

226 32.3 25.4 38.0

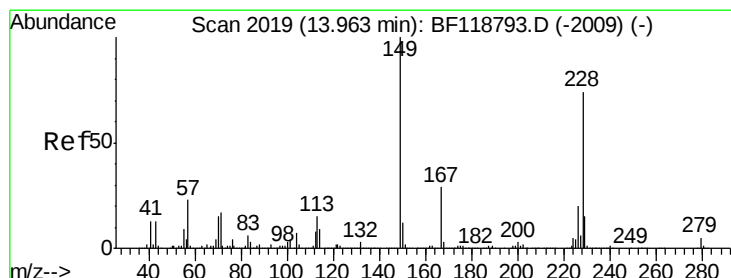
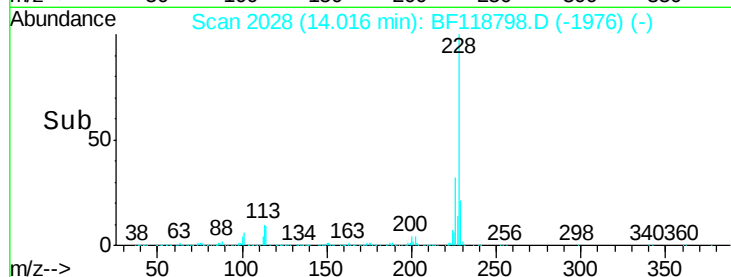
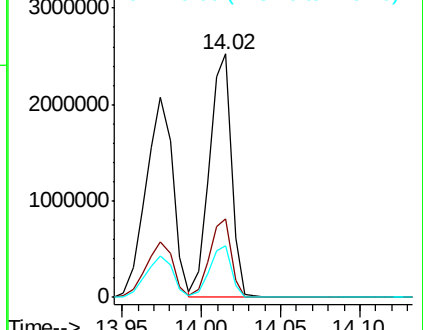
229 21.0 16.9 25.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 36.920 ng

RT: 13.97 min Scan# 2020

Delta R.T. 0.01 min

Lab File: BF118798.D

Acq: 3 Feb 2020 16:09

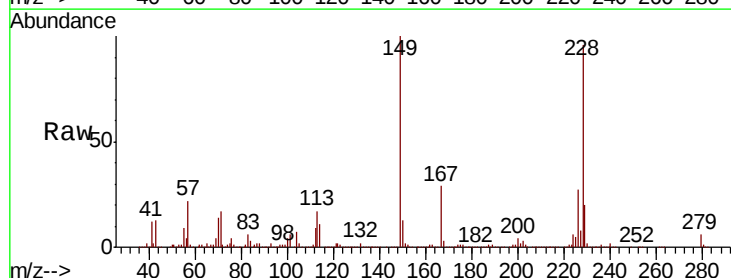
Tgt Ion:149 Resp: 1529333

Ion Ratio Lower Upper

149 100

167 29.0 23.0 34.6

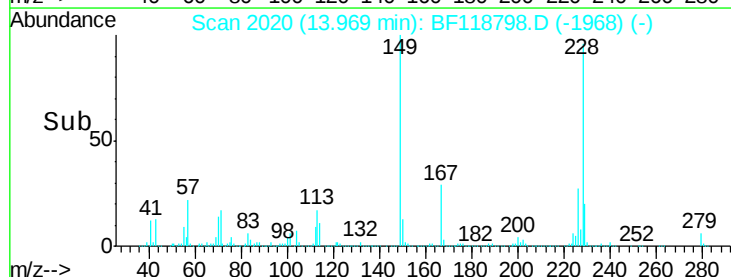
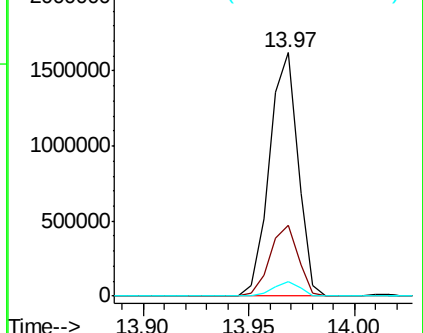
279 6.1 4.4 6.6

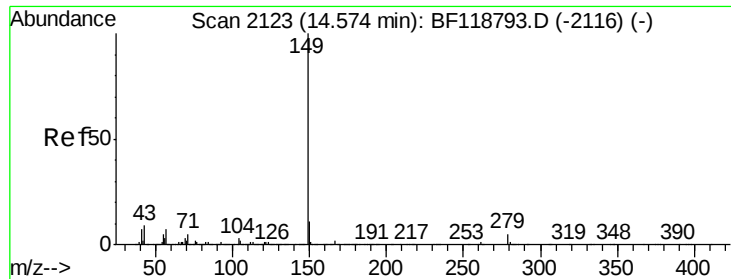


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

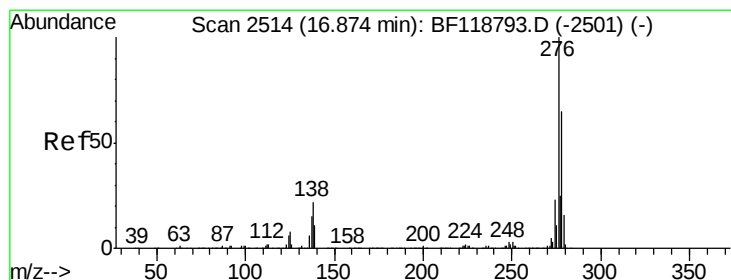
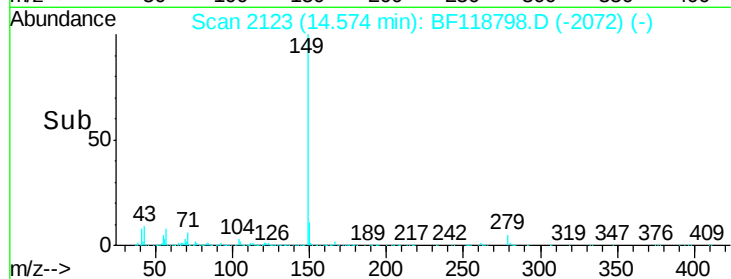
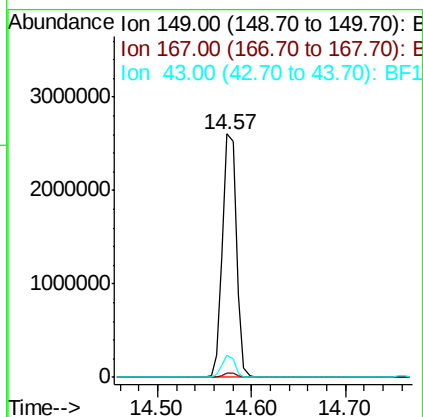
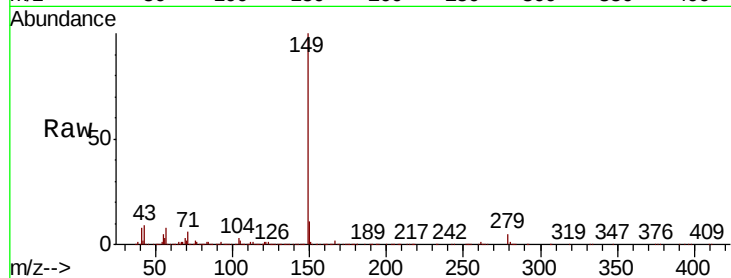




#85
Di-n-octyl phthalate
Concen: 38.324 ng
RT: 14.57 min Scan# 2123
Delta R.T. 0.00 min
Lab File: BF118798.D
Acq: 3 Feb 2020 16:09

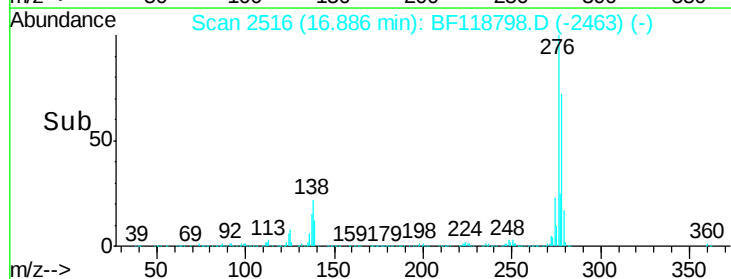
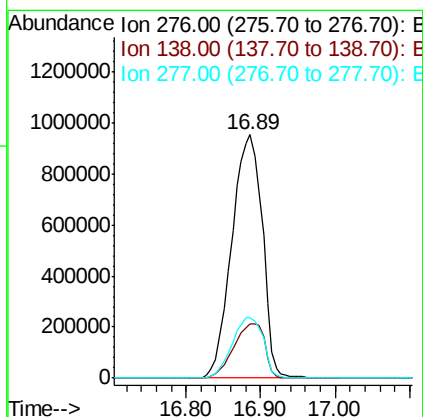
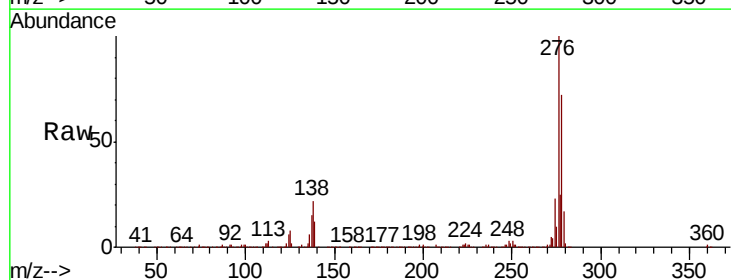
Instrument :
BNA_F
ClientSampleId :

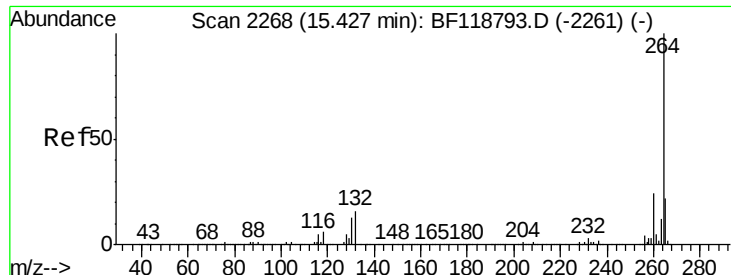
Tot Ion:149 Resp: 2719558
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 8.4 6.6 10.0



#86
Indeno(1,2,3-cd)pyrene
Concen: 43.367 ng
RT: 16.89 min Scan# 2516
Delta R.T. 0.01 min
Lab File: BF118798.D
Acq: 3 Feb 2020 16:09

Tgt Ion:276 Resp: 2713396
Ion Ratio Lower Upper
276 100
138 22.8 18.3 27.5
277 25.5 20.2 30.4





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.43 min Scan# 2269

Delta R.T. 0.01 min

Lab File: BF118798.D

Acq: 3 Feb 2020 16:09

Instrument :

BNA_F

ClientSampleId :

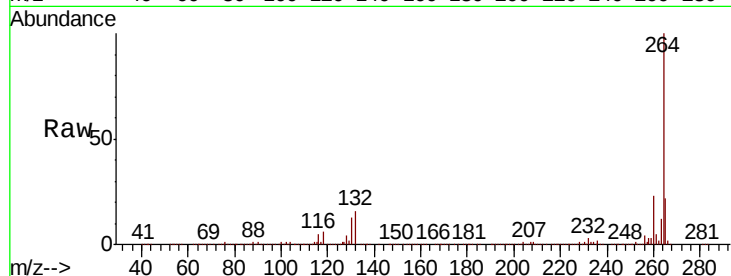
Tot Ion:264 Resp: 1188461

Ion Ratio Lower Upper

264 100

260 23.4 19.1 28.7

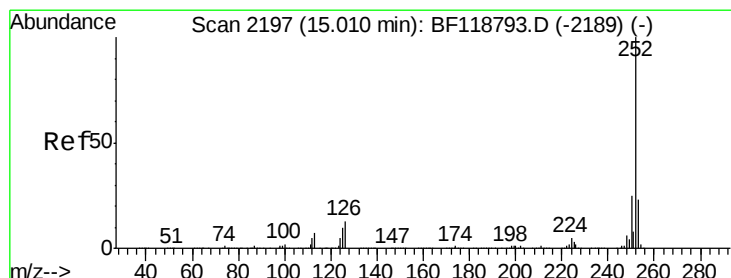
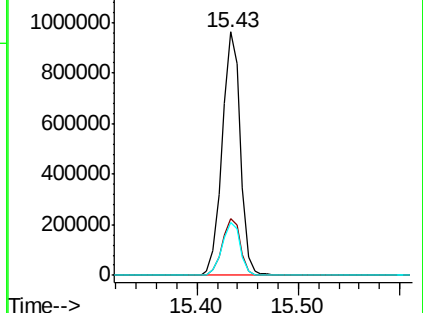
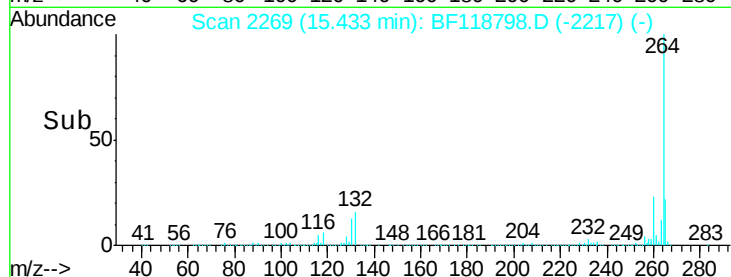
265 21.6 17.2 25.8



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: 40.224 ng

RT: 15.02 min Scan# 2198

Delta R.T. 0.01 min

Lab File: BF118798.D

Acq: 3 Feb 2020 16:09

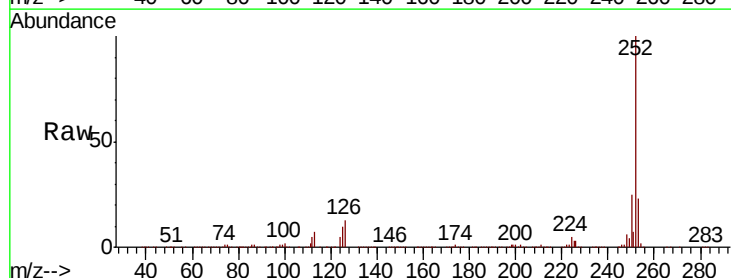
Tgt Ion:252 Resp: 2966387

Ion Ratio Lower Upper

252 100

253 23.2 18.4 27.6

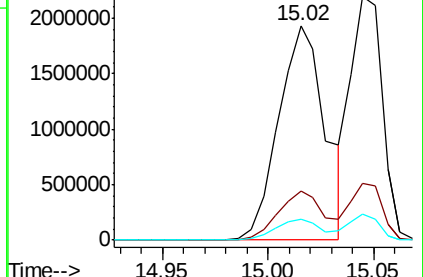
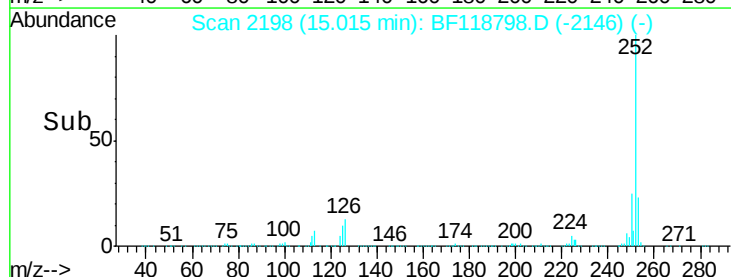
125 10.0 8.1 12.1

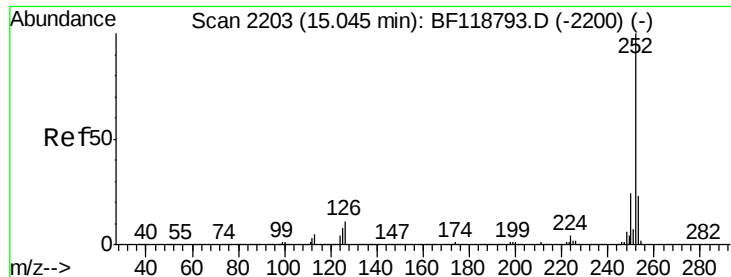


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

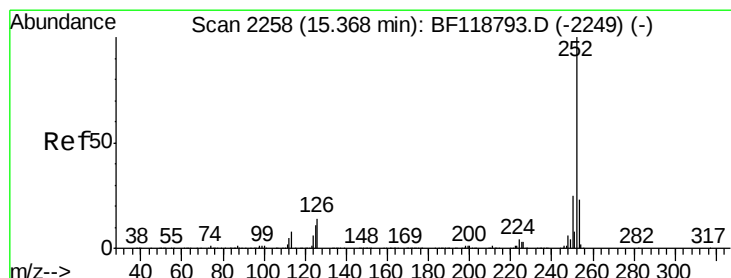
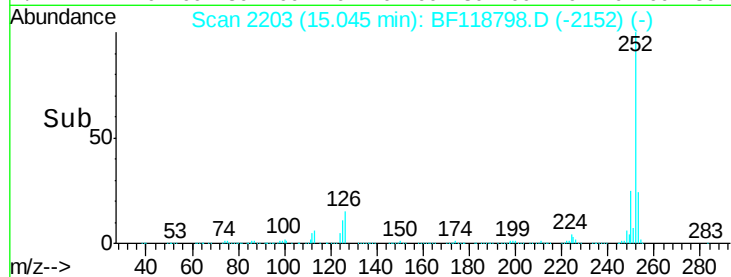
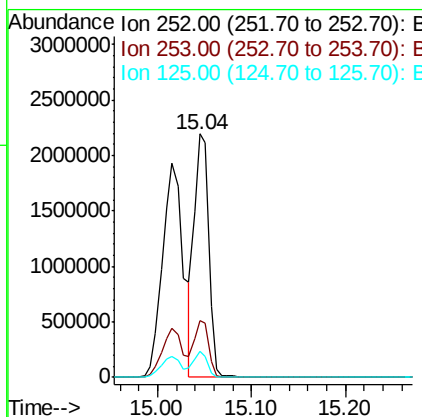
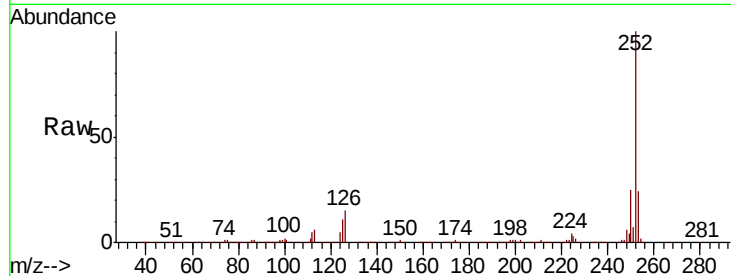




#89
Benzo(k)fluoranthene
Concen: 36.202 ng
RT: 15.04 min Scan# 2203
Delta R.T. 0.00 min
Lab File: BF118798.D
Acq: 3 Feb 2020 16:09

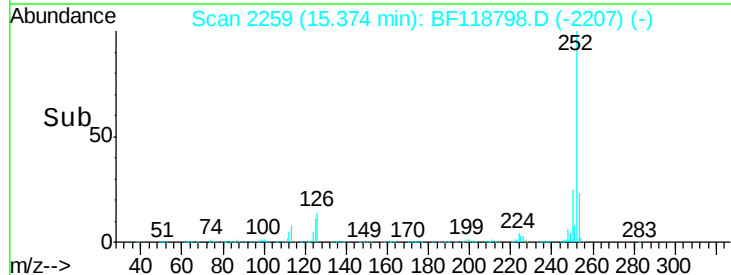
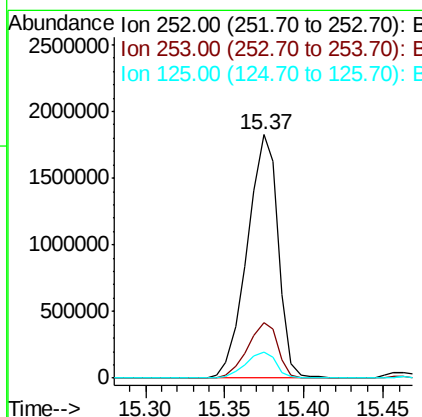
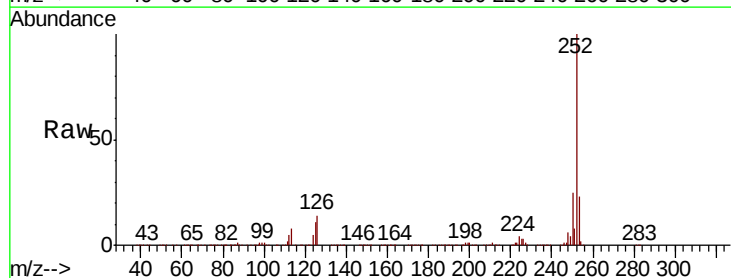
Instrument :
BNA_F
ClientSampled :

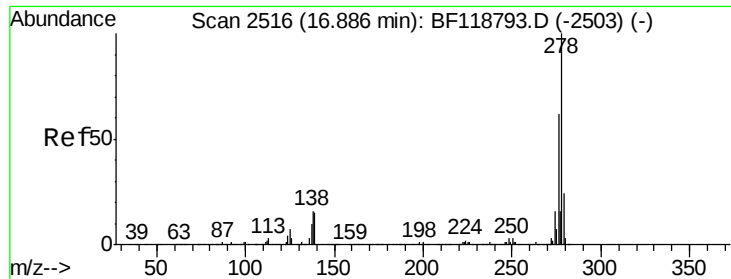
Tot Ion:252 Resp: 2324846
Ion Ratio Lower Upper
252 100
253 23.5 18.2 27.4
125 10.5 7.0 10.6



#90
Benzo(a)pyrene
Concen: 39.280 ng
RT: 15.37 min Scan# 2259
Delta R.T. 0.01 min
Lab File: BF118798.D
Acq: 3 Feb 2020 16:09

Tgt Ion:252 Resp: 2479076
Ion Ratio Lower Upper
252 100
253 22.7 18.1 27.1
125 10.8 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 39.400 ng

RT: 16.90 min Scan# 2519

Delta R.T. 0.02 min

Lab File: BF118798.D

Acq: 3 Feb 2020 16:09

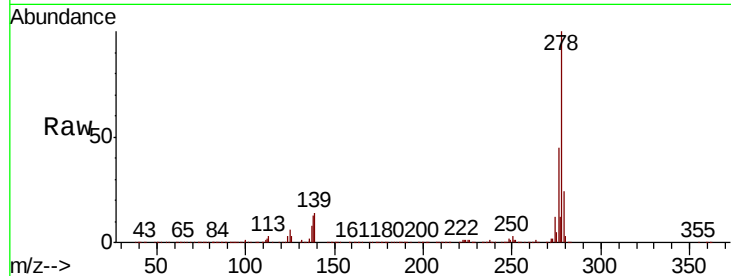
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 2207460

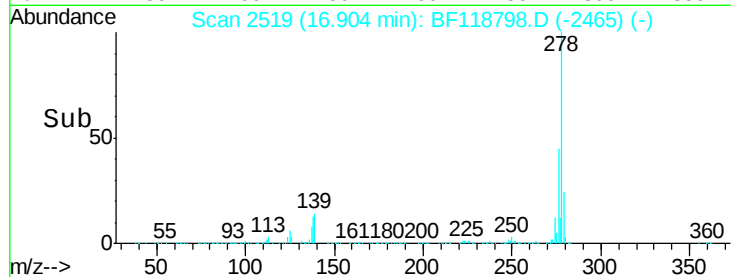
Ion	Ratio	Lower	Upper
278	100		
139	14.0	12.3	18.5
279	24.0	19.1	28.7



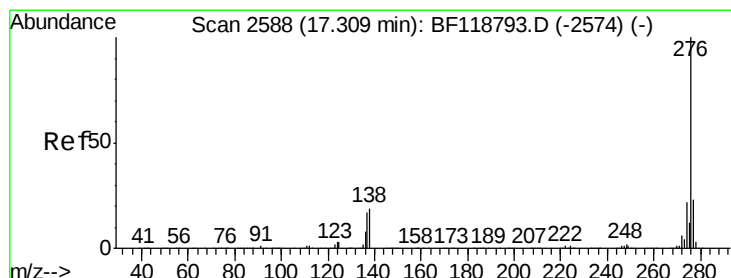
Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#92

Benzo(g,h,i)perylene

Concen: 39.525 ng

RT: 17.32 min Scan# 2590

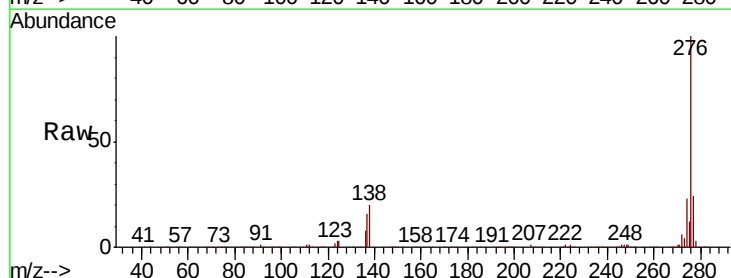
Delta R.T. 0.01 min

Lab File: BF118798.D

Acq: 3 Feb 2020 16:09

Tgt Ion:276 Resp: 2129660

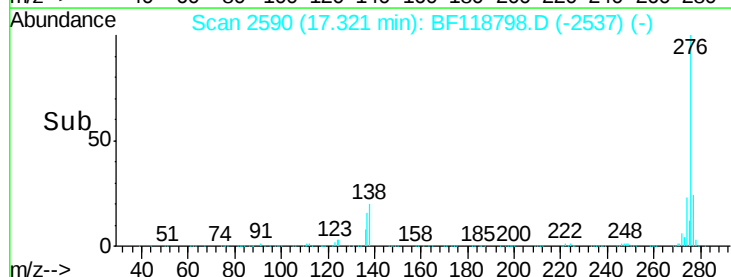
Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.7	28.1
138	19.8	15.4	23.2



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



Time-->