

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020520\
 Data File : BF118824.D
 Acq On : 5 Feb 2020 12:17
 Operator : CG/JU
 Sample : L1360-01MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 06 00:22:41 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	6.81	152	223028	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	868023	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	490282	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	971129	20.00	ng	0.00
76) Chrysene-d12	13.97	240	857894	20.00	ng	0.00
87) Perylene-d12	15.42	264	1038764	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1133602	96.21	ng	0.00
7) Phenol-d6	6.45	99	1423595	97.33	ng	0.00
23) Nitrobenzene-d5	7.37	82	915044	62.83	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	548410	93.48	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1902879	69.38	ng	-0.01
79) Terphenyl-d14	12.92	244	2670379	63.94	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.57	88	183855	34.241	ng	98
3) Pyridine	3.32	79	476844	31.982	ng	99
4) n-Nitrosodimethylamine	3.25	42	209461	38.586	ng	95
6) Aniline	6.47	93	373338	19.819	ng	99
8) 2-Chlorophenol	6.60	128	582857	44.414	ng	100
9) Benzaldehyde	6.36	77	264265	28.365	ng	100
10) Phenol	6.46	94	693140	42.622	ng	97
11) bis(2-Chloroethyl)ether	6.55	93	520024	41.796	ng	99
12) 1,3-Dichlorobenzene	6.76	146	623938	39.943	ng	97
13) 1,4-Dichlorobenzene	6.83	146	631929	40.556	ng	98
14) 1,2-Dichlorobenzene	6.99	146	596336	40.065	ng	100
15) Benzyl Alcohol	6.95	79	489120	43.265	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.09	45	594723	39.032	ng	99
17) 2-Methylphenol	7.07	107	455071	41.709	ng	99
18) Hexachloroethane	7.33	117	218814	39.127	ng	99
19) n-Nitroso-di-n-propylamine	7.23	70	367649	41.083	ng	98
20) 3+4-Methylphenols	7.22	107	562847	41.156	ng	# 88
22) Acetophenone	7.22	105	721688	38.268	ng	# 99
24) Nitrobenzene	7.39	77	582650	40.049	ng	99
25) Isophorone	7.63	82	1033176	39.475	ng	100
26) 2-Nitrophenol	7.71	139	316951	40.885	ng	99
27) 2,4-Dimethylphenol	7.75	122	470959	44.723	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	636927	37.529	ng	99
29) 2,4-Dichlorophenol	7.95	162	501740	39.785	ng	100
30) 1,2,4-Trichlorobenzene	8.04	180	553044	37.518	ng	99
31) Naphthalene	8.12	128	1622803	40.877	ng	99
32) Benzoic acid	7.87	122	347964	39.909	ng	99
33) 4-Chloroaniline	8.16	127	210977	11.878	ng	96
34) Hexachlorobutadiene	8.24	225	327137	36.224	ng	100
35) Caprolactam	8.53	113	124320	30.409	ng	99
36) 4-Chloro-3-methylphenol	8.65	107	525924	41.439	ng	100
37) 2-Methylnaphthalene	8.81	142	1135677	41.247	ng	99
38) 1-Methylnaphthalene	8.91	142	1066154	41.162	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	554130	37.449	ng	99

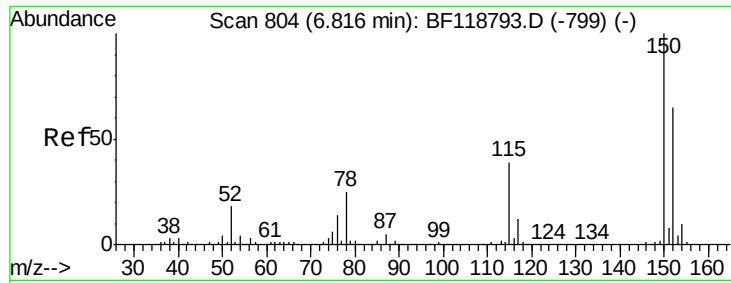
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020520\
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 03 16:26:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	528146	91.026	nq	100
43) 2,4,6-Trichlorophenol	9.09	196	391260	39.542	nq	100
44) 2,4,5-Trichlorophenol	9.13	196	421047	41.645	nq	98
46) 1,1'-Biphenyl	9.27	154	1369763	40.388	nq	98
47) 2-Chloronaphthalene	9.30	162	1099822	39.008	nq	97
48) 2-Nitroaniline	9.39	65	314813	38.713	nq	91
49) Acenaphthylene	9.71	152	1738142	42.696	nq	99
50) Dimethylphthalate	9.57	163	1393635	41.746	nq	99
51) 2,6-Dinitrotoluene	9.63	165	313060	40.984	nq	92
52) Acenaphthene	9.89	154	1169515	43.597	nq	99
53) 3-Nitroaniline	9.79	138	148470	17.526	nq	93
54) 2,4-Dinitrophenol	9.91	184	318026	86.606	nq	92
55) Dibenzofuran	10.06	168	1568921	40.470	nq	98
56) 4-Nitrophenol	9.97	139	540026	88.080	nq	92
57) 2,4-Dinitrotoluene	10.03	165	432353	42.771	nq	# 87
58) Fluorene	10.40	166	1179087	40.427	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.17	232	363271	41.143	nq	99
60) Diethylphthalate	10.27	149	1281671	39.483	nq	99
61) 4-Chlorophenyl-phenylether	10.39	204	610102	38.572	nq	96
62) 4-Nitroaniline	10.41	138	304660	35.913	nq	99
63) Azobenzene	10.55	77	1150631	41.519	nq	98
65) 4,6-Dinitro-2-methylphenol	10.45	198	240495	44.072	nq	95
66) n-Nitrosodiphenylamine	10.50	169	1105115	39.286	nq	100
67) 4-Bromophenyl-phenylether	10.88	248	426790	37.151	nq	94
68) Hexachlorobenzene	10.95	284	476279	36.145	nq	95
69) Atrazine	11.03	200	414193	44.196	nq	99
70) Pentachlorophenol	11.14	266	521493	74.954	nq	99
71) Phenanthrene	11.36	178	1884856	39.448	nq	99
72) Anthracene	11.41	178	1948897	41.000	nq	99
73) Carbazole	11.56	167	1726833	41.395	nq	99
74) Di-n-butylphthalate	11.90	149	2020280	38.017	nq	99
75) Fluoranthene	12.55	202	2131948	40.867	nq	99
77) Benzidine	12.66	184	884797	34.099	nq	98
78) Pyrene	12.77	202	2171670	36.899	nq	99
80) Butylbenzylphthalate	13.39	149	980927	36.516	nq	96
81) Benzo(a)anthracene	13.96	228	2040727	39.975	nq	100
82) 3,3'-Dichlorobenzidine	13.92	252	532491	25.503	nq	99
83) Chrysene	14.00	228	2031924	39.658	nq	100
84) Bis(2-ethylhexyl)phthalate	13.95	149	1269884	37.261	nq	99
85) Di-n-octyl phthalate	14.56	149	2299906	39.392	nq	100
86) Indeno(1,2,3-cd)pyrene	16.86	276	2523500	49.020	nq	99
88) Benzo(b)fluoranthene	15.00	252	2475323	38.403	nq	100
89) Benzo(k)fluoranthene	15.03	252	2010561	35.820	nq	99
90) Benzo(a)pyrene	15.36	252	2062374	37.387	nq	99
91) Dibenzo(a,h)anthracene	16.87	278	2098875	42.860	nq	99
92) Benzo(g,h,i)perylene	17.29	276	2011572	42.713	nq	99

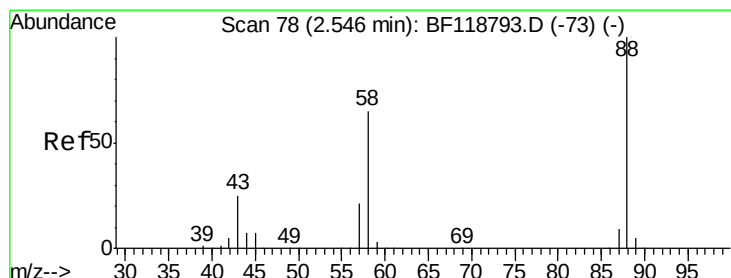
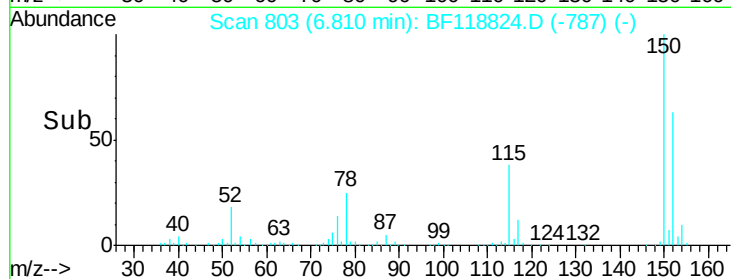
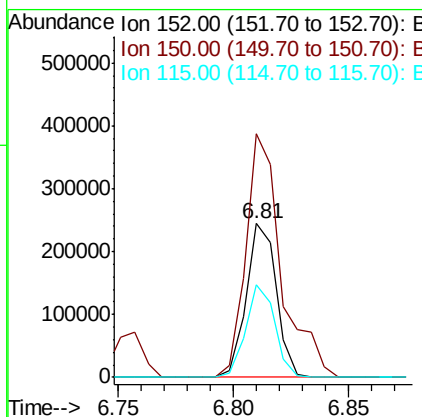
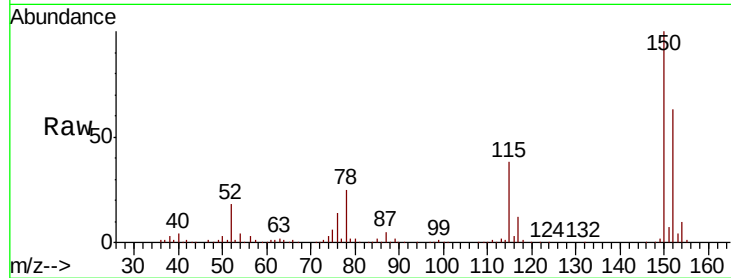
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: BF118824.D
 Acq: 5 Feb 2020 12:17

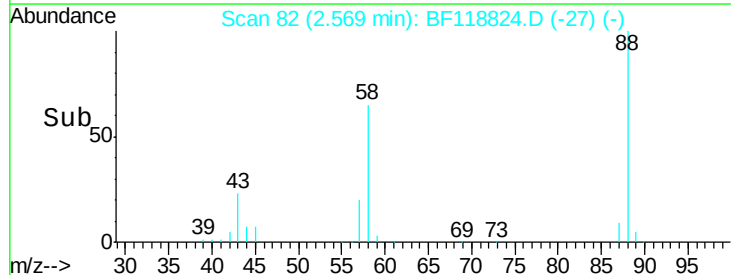
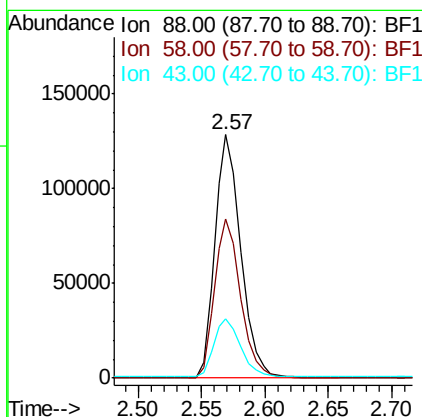
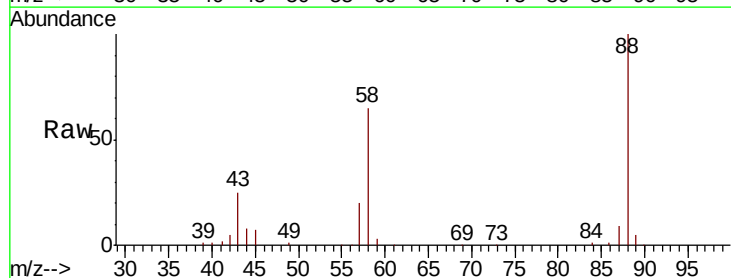
Instrument :
 BNA_F
 ClientSampleId :

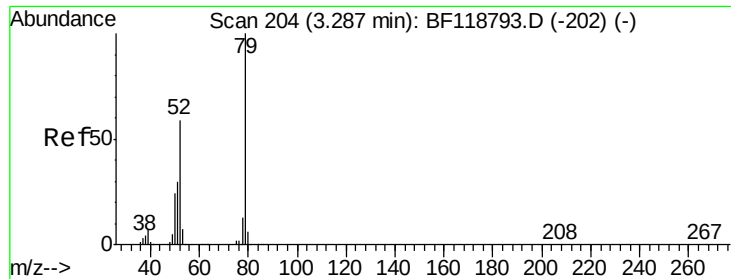
Tot Ion:152 Resp: 223028
 Ion Ratio Lower Upper
 152 100
 150 158.5 123.6 185.4
 115 60.1 48.2 72.2



#2
 1,4-Dioxane
 Concen: 34.241 ng
 RT: 2.57 min Scan# 82
 Delta R.T. 0.02 min
 Lab File: BF118824.D
 Acq: 5 Feb 2020 12:17

Tgt Ion: 88 Resp: 183855
 Ion Ratio Lower Upper
 88 100
 58 66.1 51.6 77.4
 43 24.8 19.8 29.6





#3

Pvridine

Concen: 31.982 ng

RT: 3.32 min Scan# 209

Delta R.T. 0.03 min

Lab File: BF118824.D

Acq: 5 Feb 2020 12:17

Instrument :

BNA_F

ClientSampled :

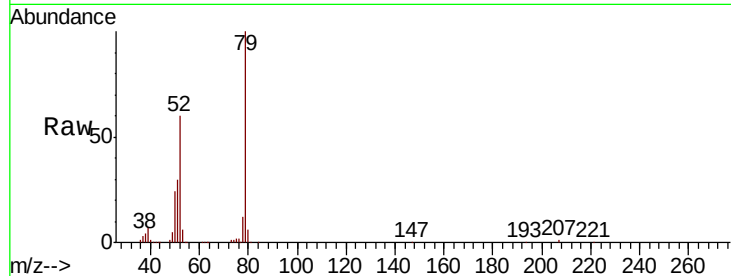
Tot Ion: 79 Resp: 476844

Ion Ratio Lower Upper

79 100

52 60.1 47.4 71.0

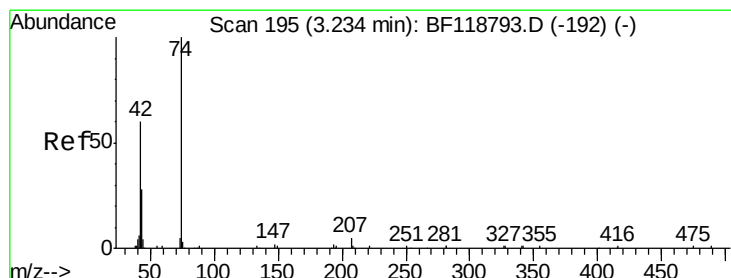
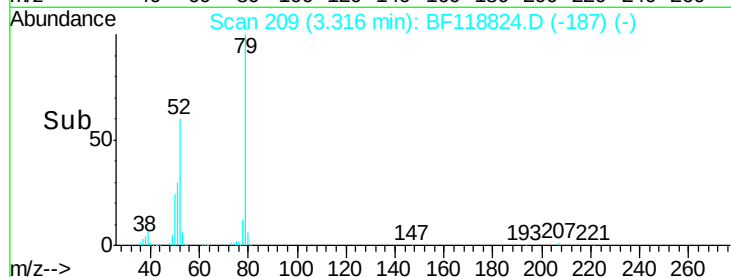
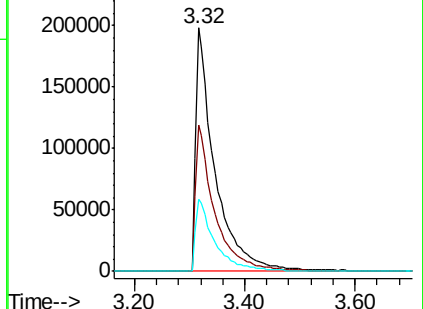
51 29.8 24.2 36.4



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 38.586 ng

RT: 3.25 min Scan# 197

Delta R.T. 0.01 min

Lab File: BF118824.D

Acq: 5 Feb 2020 12:17

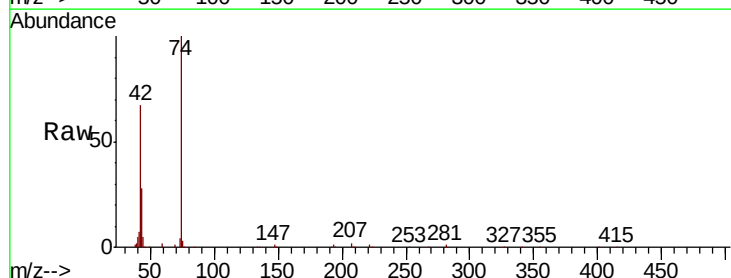
Tgt Ion: 42 Resp: 209461

Ion Ratio Lower Upper

42 100

74 149.0 124.3 186.5

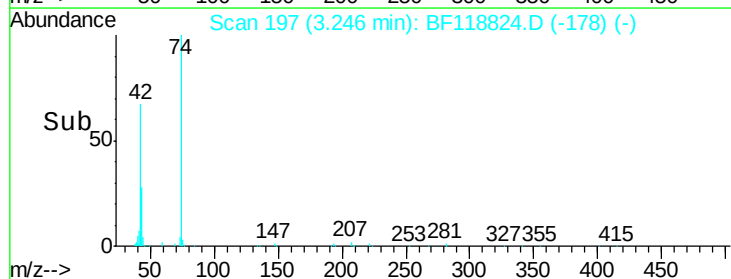
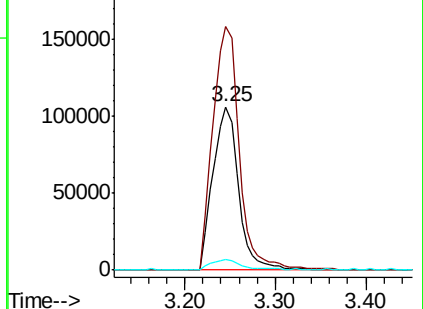
44 6.7 5.3 7.9

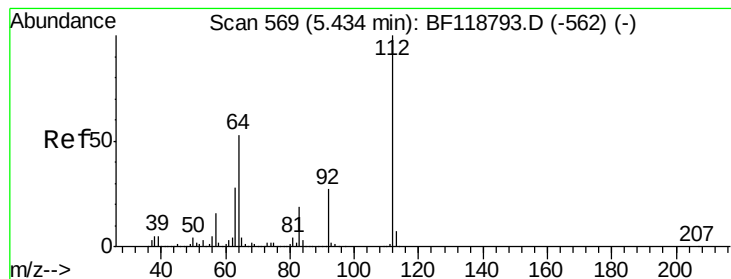


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1

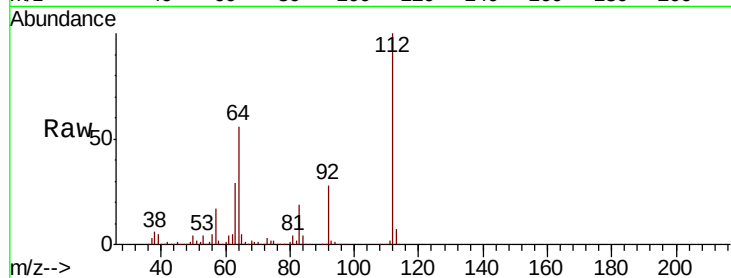




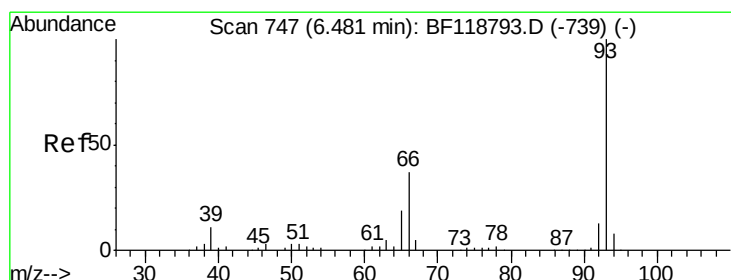
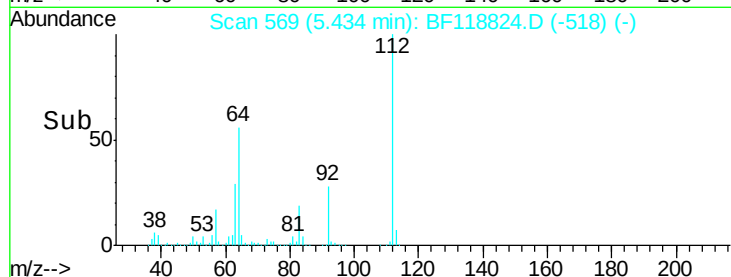
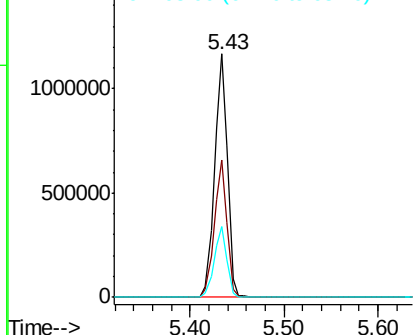
#5
2-Fluorophenol
Concen: 96.213 ng
RT: 5.43 min Scan# 569
Delta R.T. -0.00 min
Lab File: BF118824.D
Acq: 5 Feb 2020 12:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:112 Resp: 1133602
Ion Ratio Lower Upper
112 100
64 56.3 42.6 63.8
63 29.2 22.2 33.4

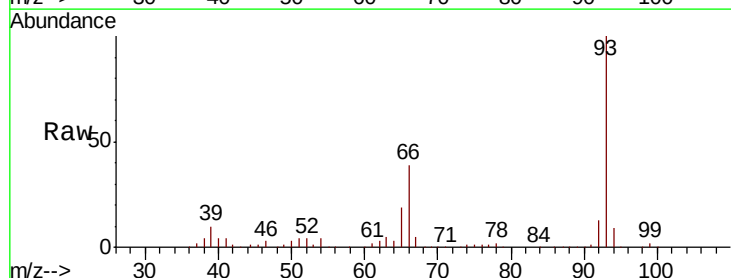


Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1

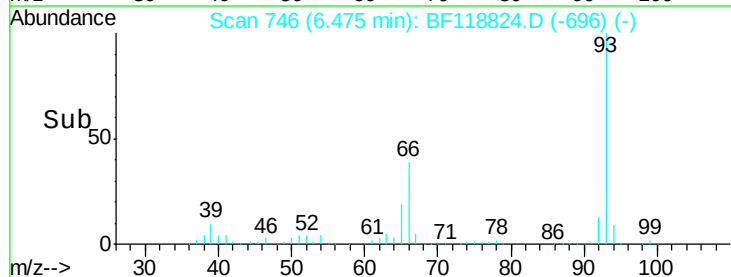
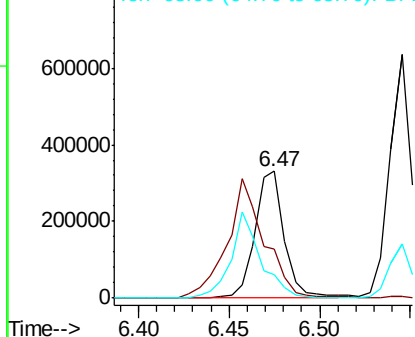


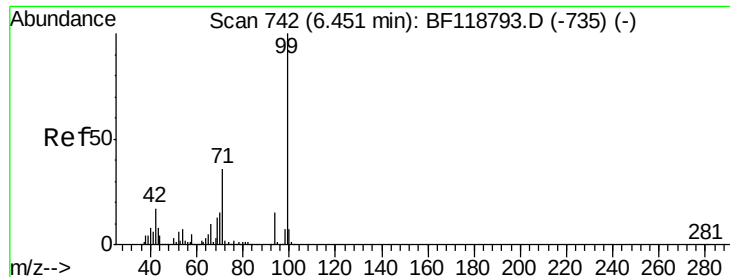
#6
Aniline
Concen: 19.819 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF118824.D
Acq: 5 Feb 2020 12:17

Tgt Ion: 93 Resp: 373338
Ion Ratio Lower Upper
93 100
66 38.7 30.8 46.2
65 18.5 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: 97.334 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF118824.D

Acq: 5 Feb 2020 12:17

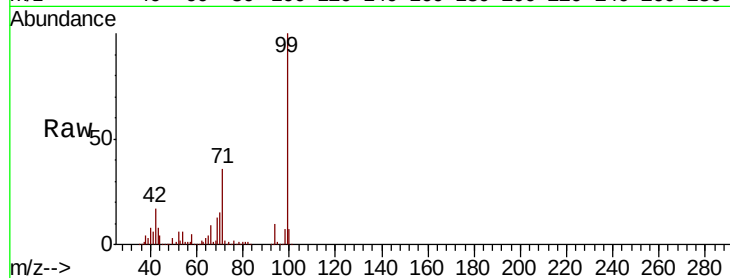
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1423595

Ion	Ratio	Lower	Upper
99	100		
42	16.6	13.4	20.0
71	35.5	29.0	43.6

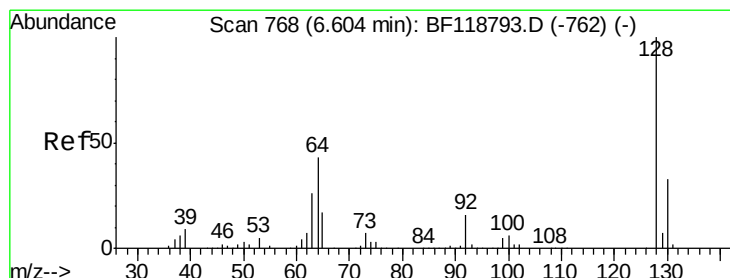
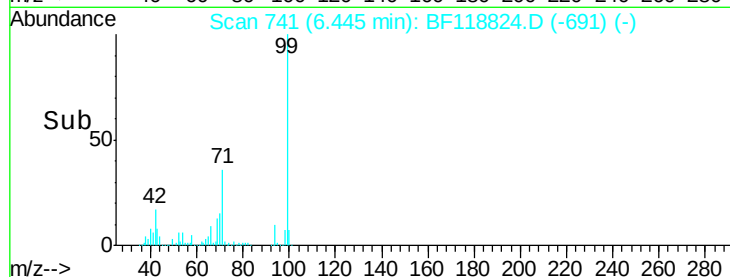
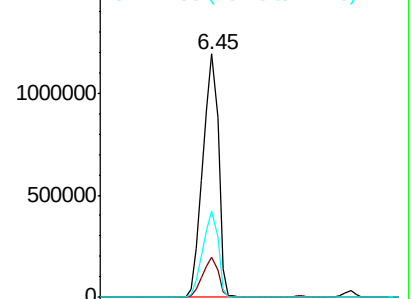


Abundance

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: 44.414 ng

RT: 6.60 min Scan# 767

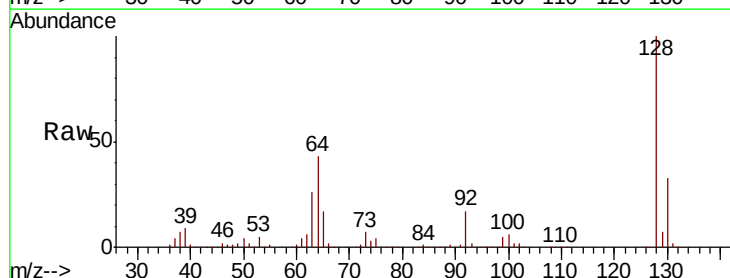
Delta R.T. -0.01 min

Lab File: BF118824.D

Acq: 5 Feb 2020 12:17

Tgt Ion: 128 Resp: 582857

Ion	Ratio	Lower	Upper
128	100		
130	33.0	13.1	53.1
64	42.8	23.0	63.0

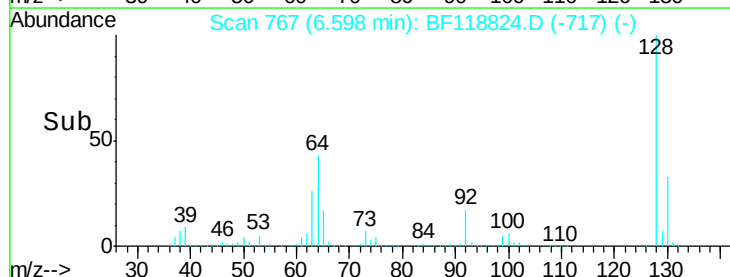
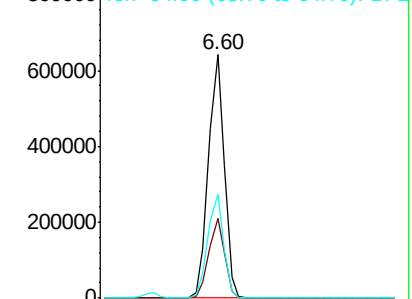


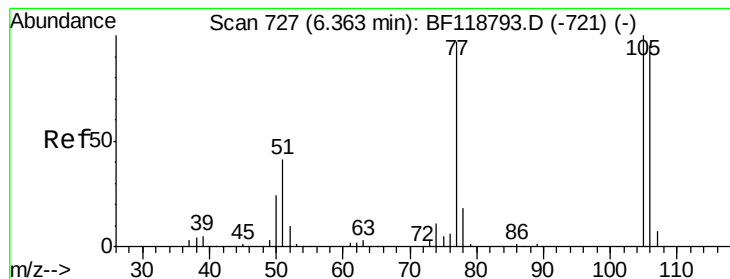
Abundance

Ion 128.00 (127.70 to 128.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 28.365 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF118824.D

Acq: 5 Feb 2020 12:17

Instrument :

BNA_F

ClientSampleId :

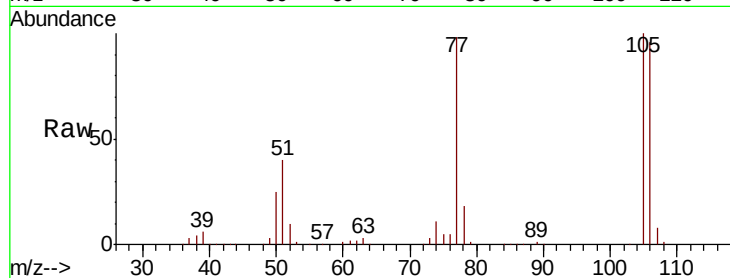
Tot Ion: 77 Resp: 264265

Ion Ratio Lower Upper

77 100

105 102.3 82.8 122.8

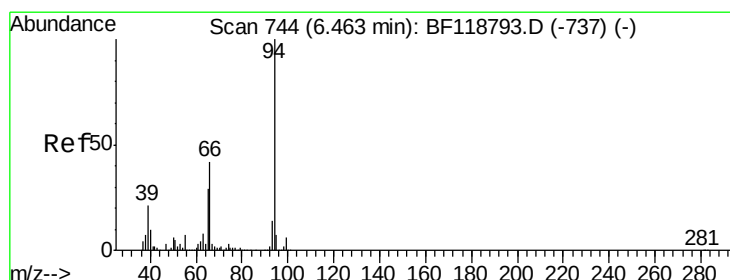
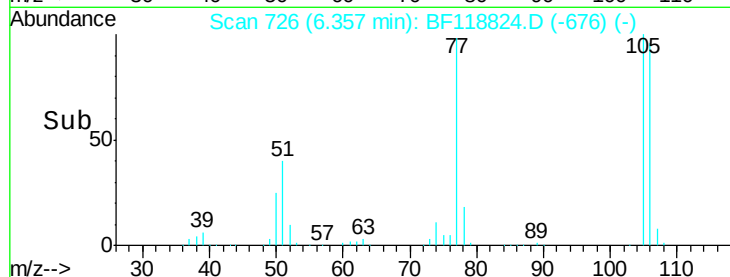
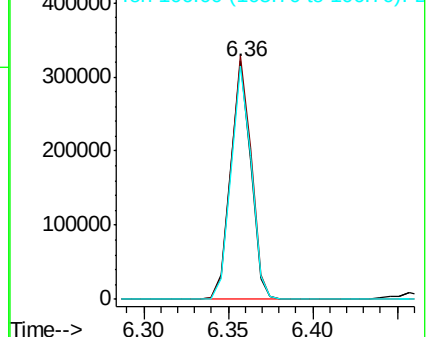
106 98.1 78.1 118.1



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: 42.622 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF118824.D

Acq: 5 Feb 2020 12:17

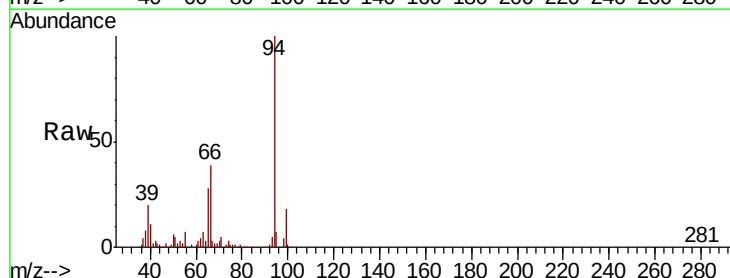
Tgt Ion: 94 Resp: 693140

Ion Ratio Lower Upper

94 100

65 28.3 9.1 49.1

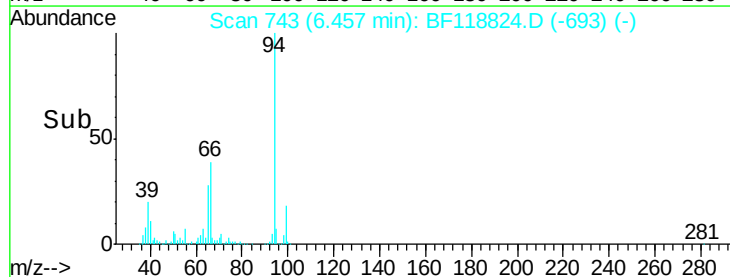
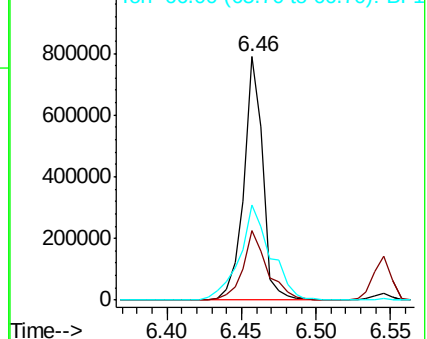
66 39.3 21.7 61.7

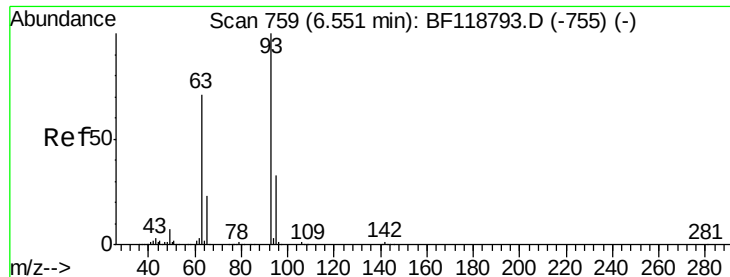


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 41.796 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF118824.D

Acq: 5 Feb 2020 12:17

Instrument :

BNA_F

ClientSampleId :

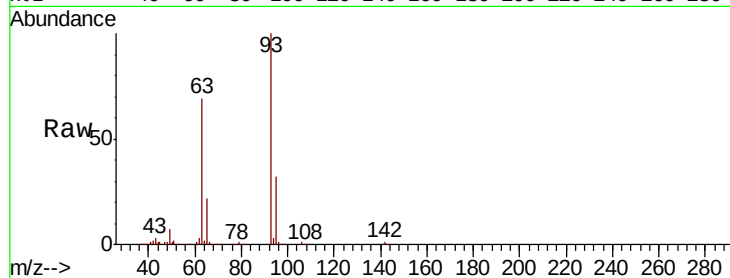
Tot Ion: 93 Resp: 520024

Ion Ratio Lower Upper

93 100

63 69.5 50.7 90.7

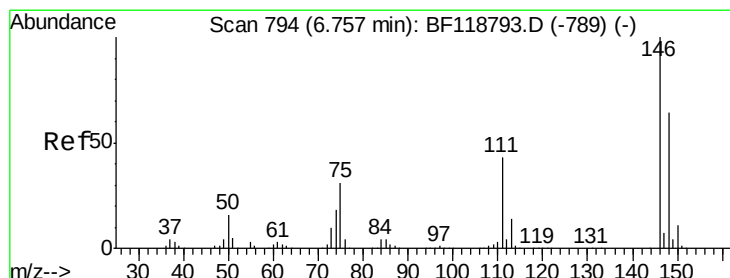
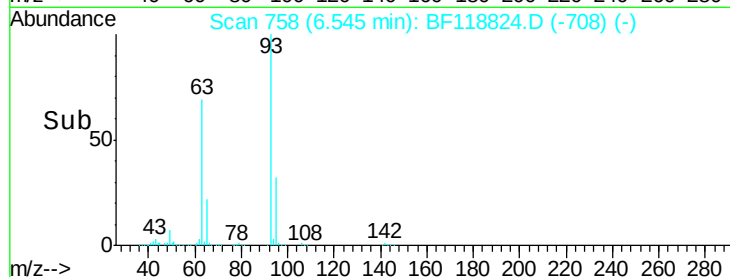
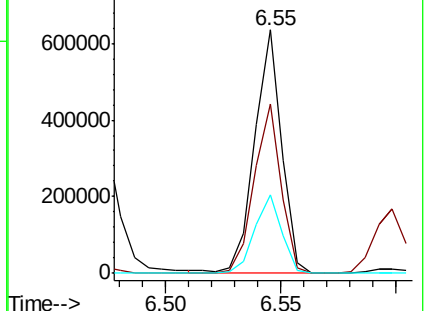
95 32.3 12.6 52.6



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 39.943 ng

RT: 6.76 min Scan# 794

Delta R.T. -0.00 min

Lab File: BF118824.D

Acq: 5 Feb 2020 12:17

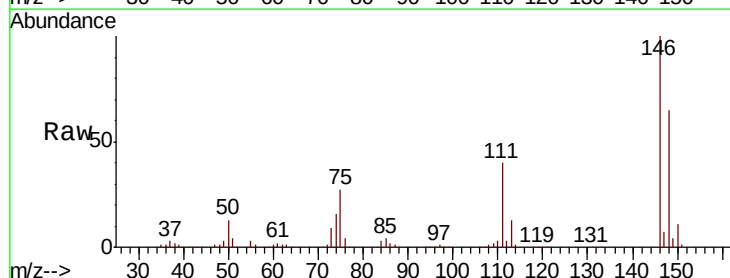
Tgt Ion: 146 Resp: 623938

Ion Ratio Lower Upper

146 100

148 64.5 51.1 76.7

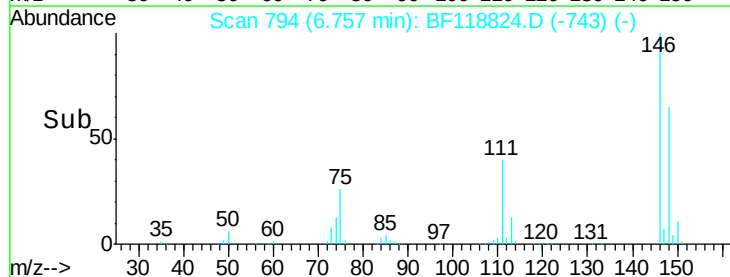
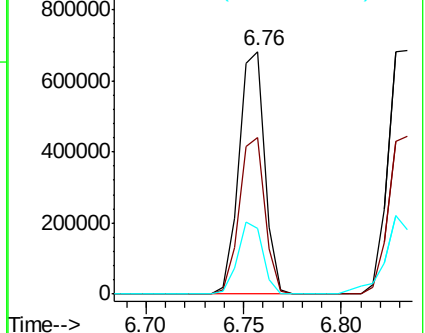
75 27.1 25.0 37.4

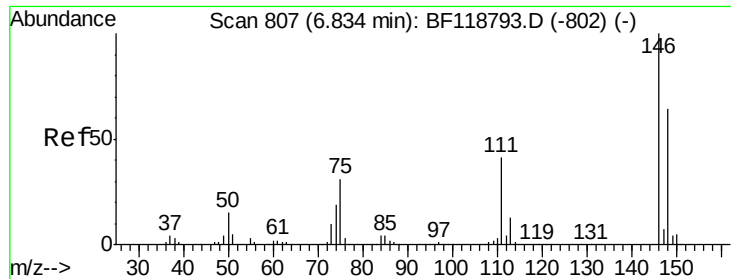


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

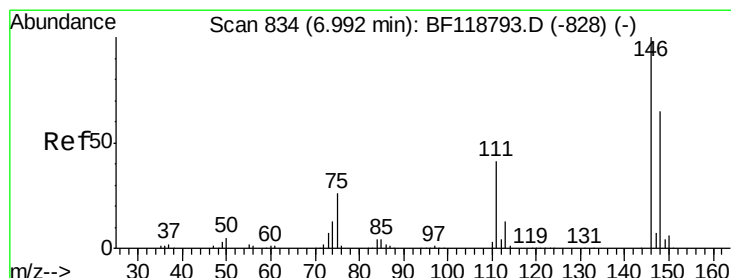
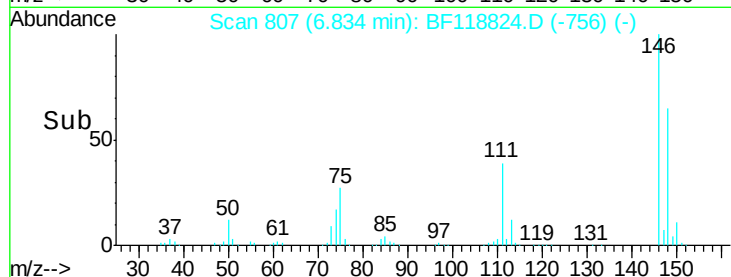
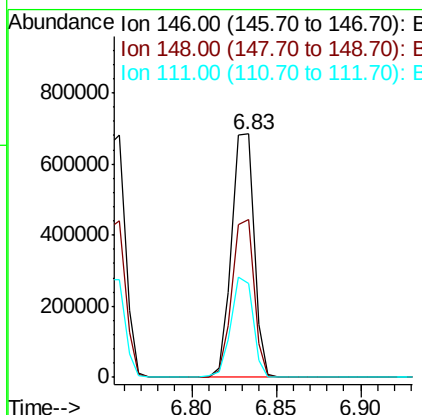
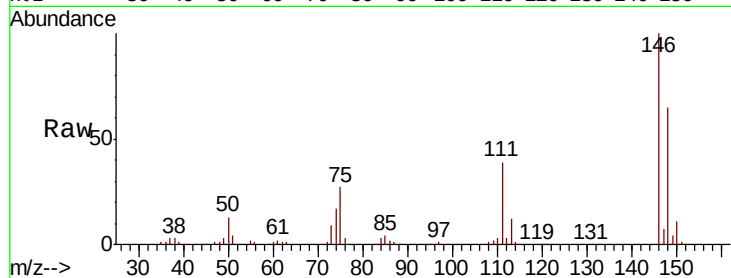




#13
 1,4-Dichlorobenzene
 Concen: 40.556 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: BF118824.D
 Acq: 5 Feb 2020 12:17

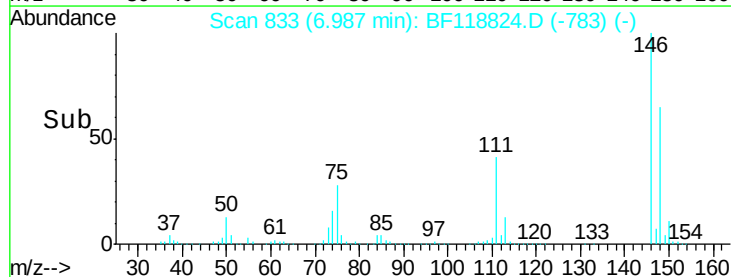
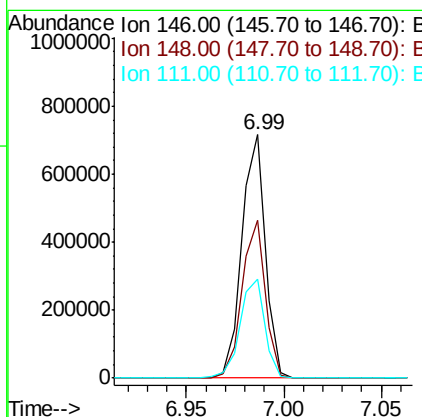
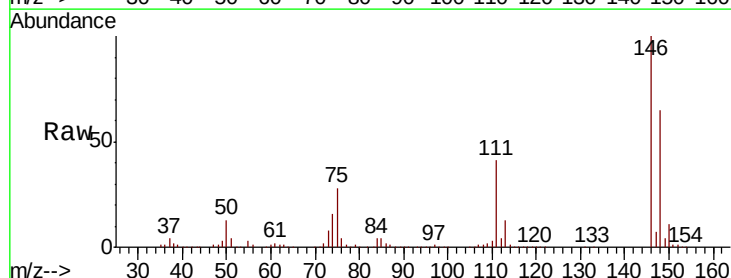
Instrument :
 BNA_F
 ClientSampled :

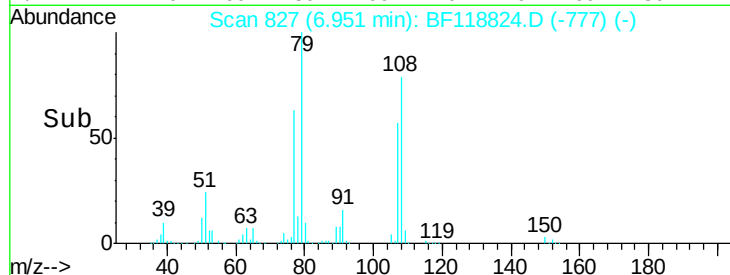
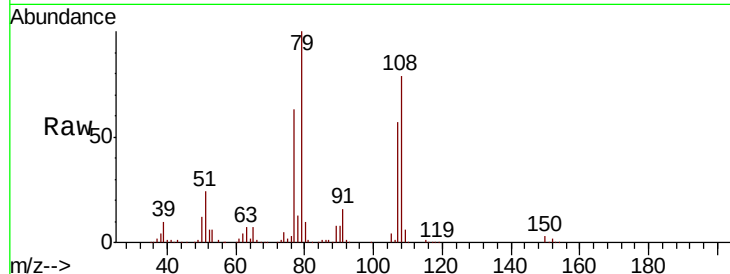
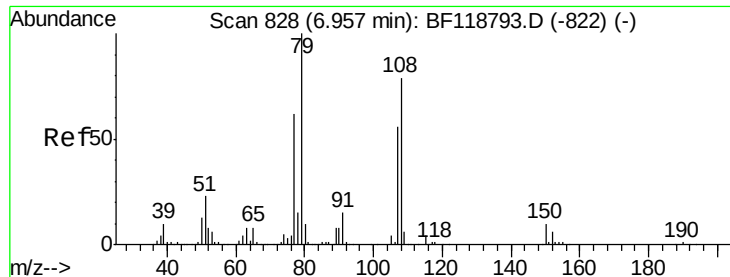
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.6	77.4
111	38.6	32.9	49.3



#14
 1,2-Dichlorobenzene
 Concen: 40.065 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: BF118824.D
 Acq: 5 Feb 2020 12:17

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.6	77.4
111	40.7	32.7	49.1

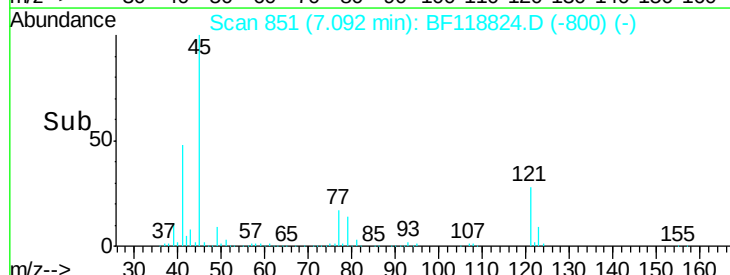
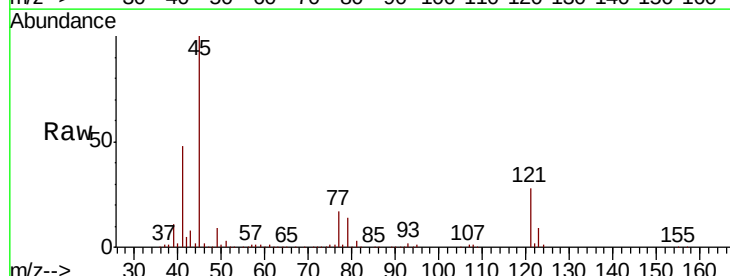
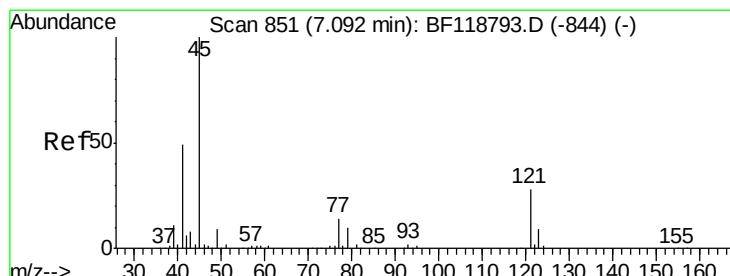
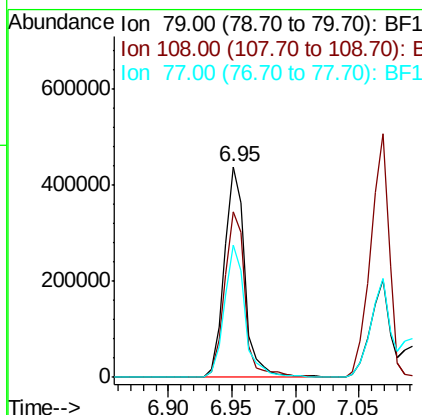




#15
Benzyl Alcohol
Concen: 43.265 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF118824.D
Acq: 5 Feb 2020 12:17

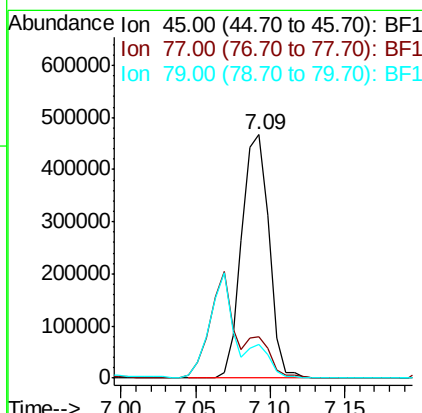
Instrument :
BNA_F
ClientSampleId :

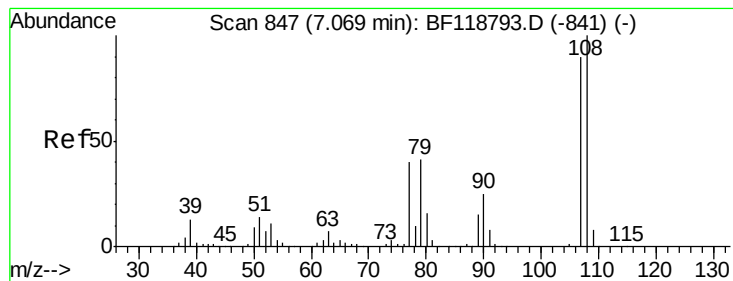
Tot Ion: 79 Resp: 489120
Ion Ratio Lower Upper
79 100
108 78.7 62.9 94.3
77 62.8 50.0 75.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.032 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.00 min
Lab File: BF118824.D
Acq: 5 Feb 2020 12:17

Tgt Ion: 45 Resp: 594723
Ion Ratio Lower Upper
45 100
77 17.1 0.0 37.1
79 13.7 0.0 33.1

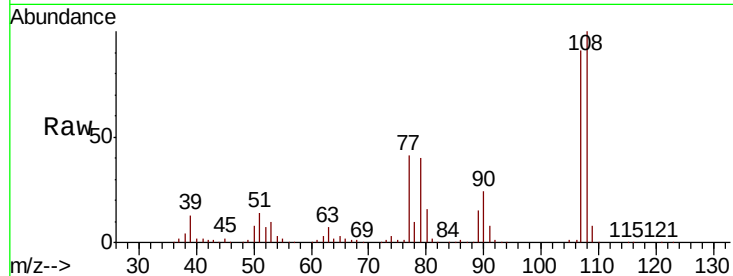




#17
2-Methylphenol
Concen: 41.709 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.00 min
Lab File: BF118824.D
Acq: 5 Feb 2020 12:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	110.2	89.3	133.9
77	44.7	36.2	54.2
79	44.0	36.3	54.5



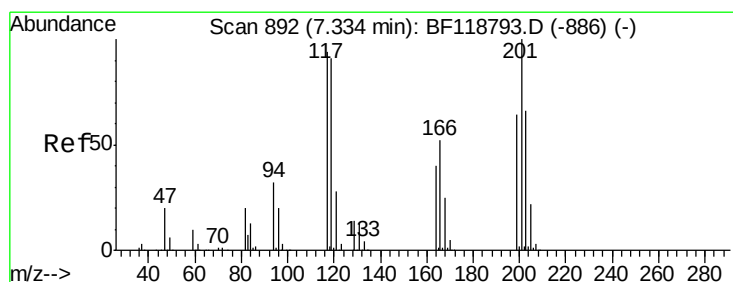
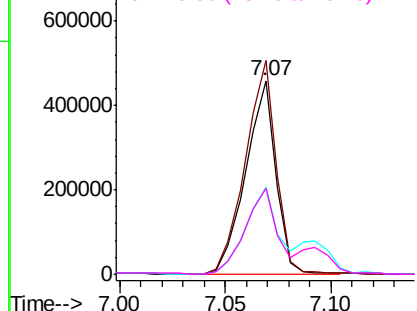
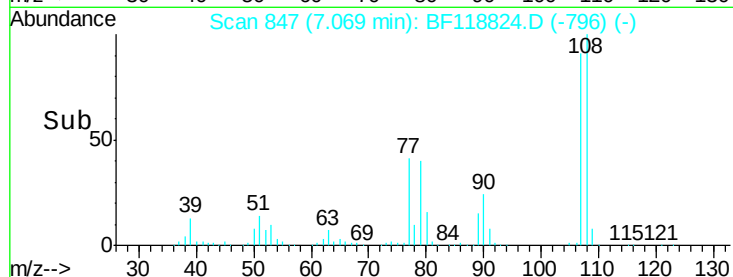
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

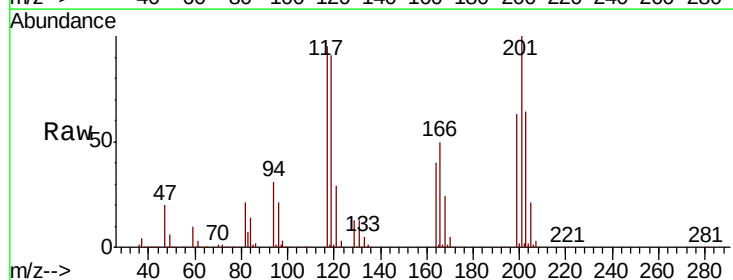
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 39.127 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF118824.D
Acq: 5 Feb 2020 12:17

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.9	77.4	116.0
201	104.9	85.1	127.7

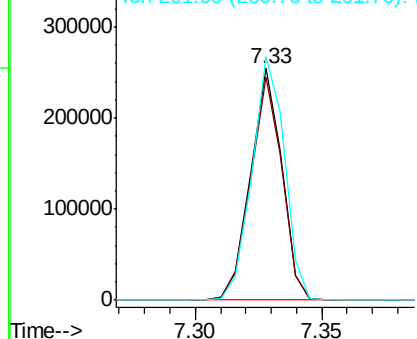
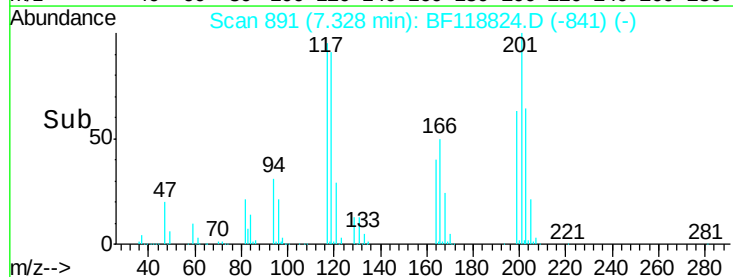


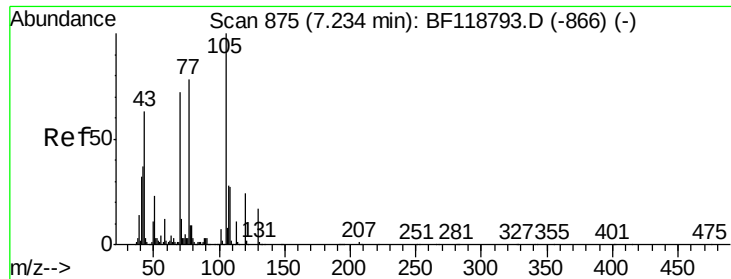
Abundance

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

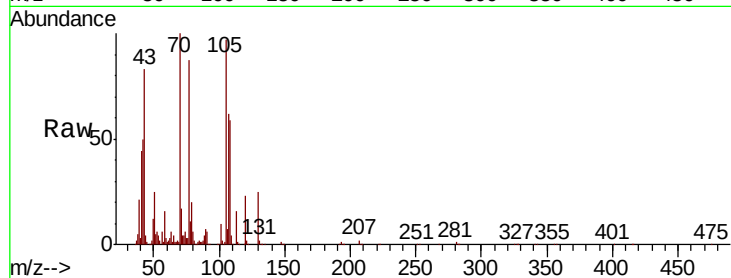




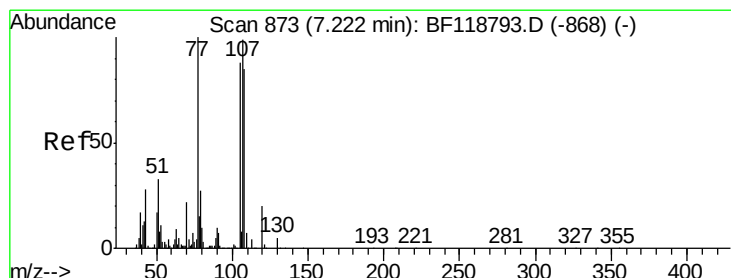
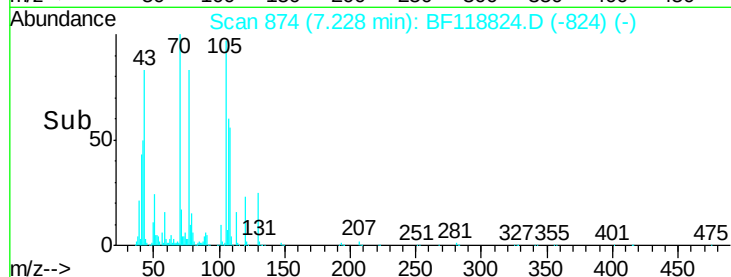
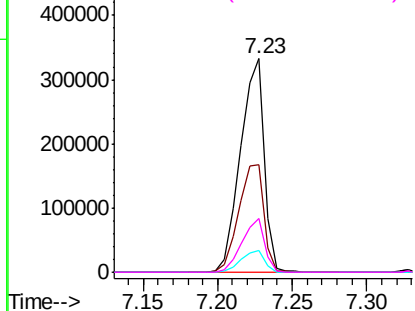
#19
n-Nitroso-di-n-propylamine
Concen: 41.083 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF118824.D
Acq: 5 Feb 2020 12:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 367649
Ion Ratio Lower Upper
70 100
42 50.4 41.5 62.3
101 10.5 8.3 12.5
130 25.0 19.2 28.8



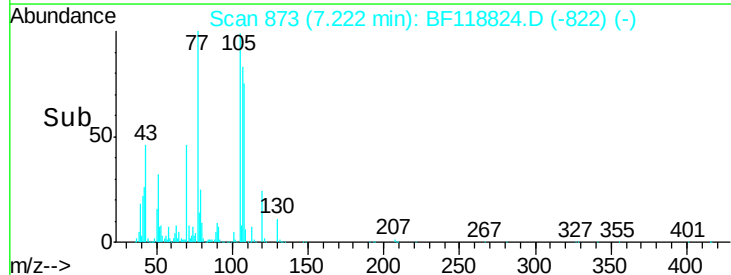
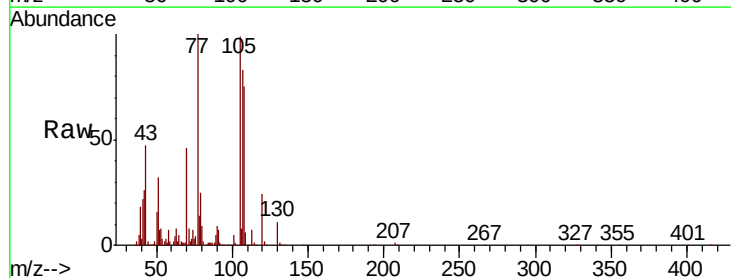
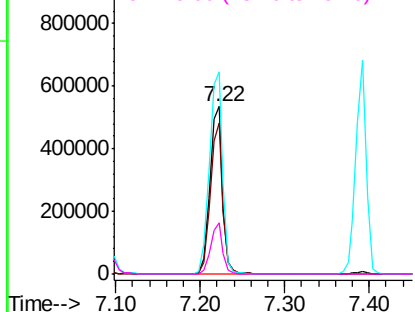
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

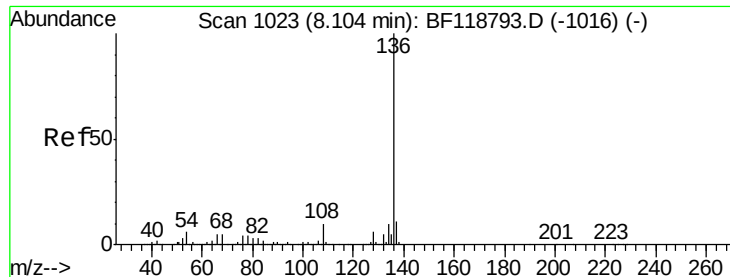


#20
3+4-Methylphenols
Concen: 41.156 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF118824.D
Acq: 5 Feb 2020 12:17

Tgt Ion:107 Resp: 562847
Ion Ratio Lower Upper
107 100
108 90.5 65.9 105.9
77 121.1 80.9 120.9#
79 30.7 7.5 47.5

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

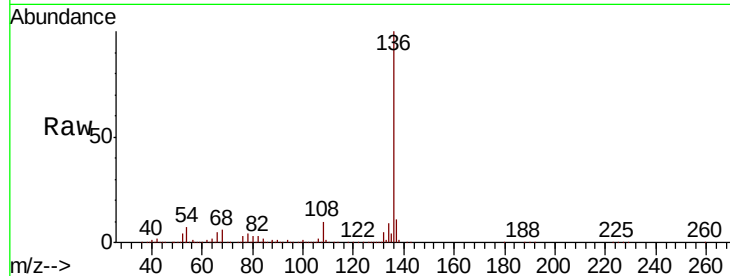




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF118824.D
Acq: 5 Feb 2020 12:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	868023	
Ion Ratio	Lower	Upper	
136 100			
137 11.1	8.7	13.1	
54 6.9	5.0	7.6	
68 5.9	4.2	6.4	



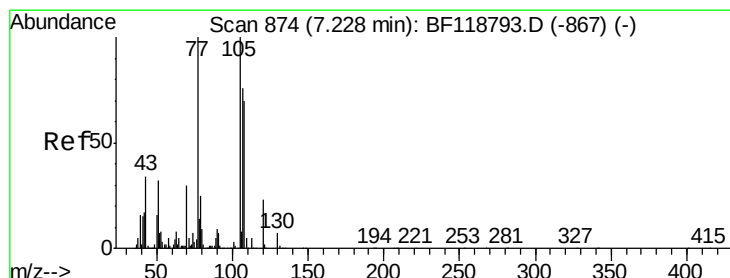
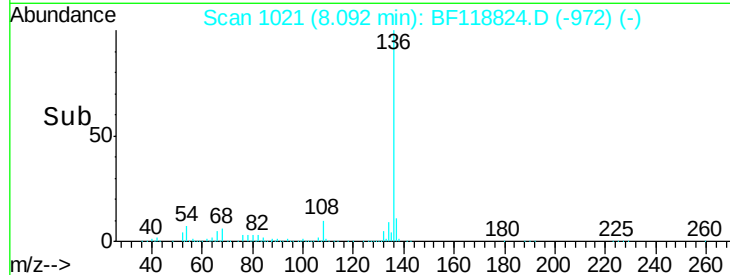
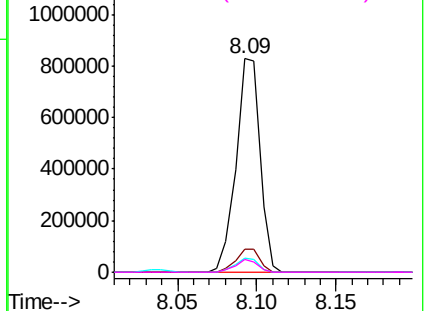
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

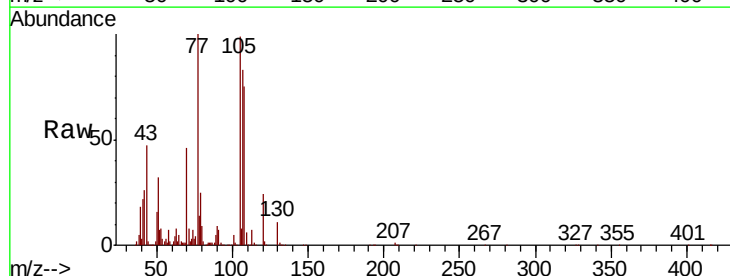
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 38.268 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF118824.D
Acq: 5 Feb 2020 12:17

Tgt	Ion:105	Resp:	721688
Ion	Ratio	Lower	Upper
105	100		
71	8.0	4.2	6.4#
51	32.1	25.5	38.3
120	23.7	18.6	28.0



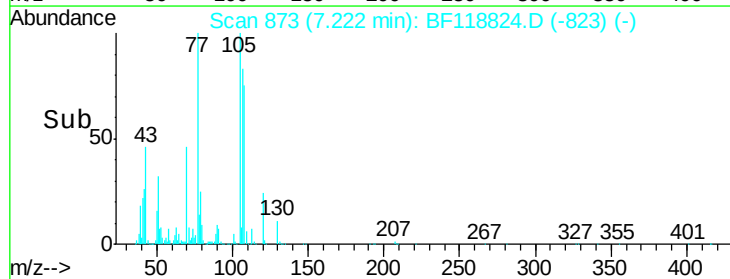
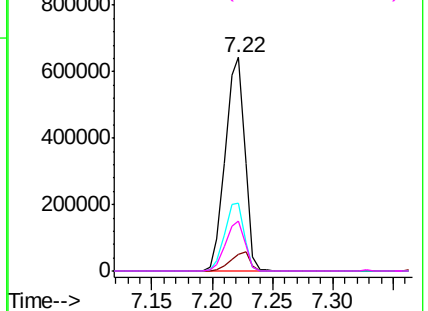
Abundance

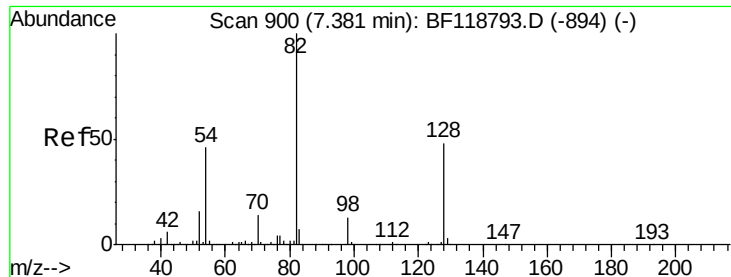
Ion 105.00 (104.70 to 105.70): E

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: 62.834 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF118824.D

Acq: 5 Feb 2020 12:17

Instrument :

BNA_F

ClientSampleId :

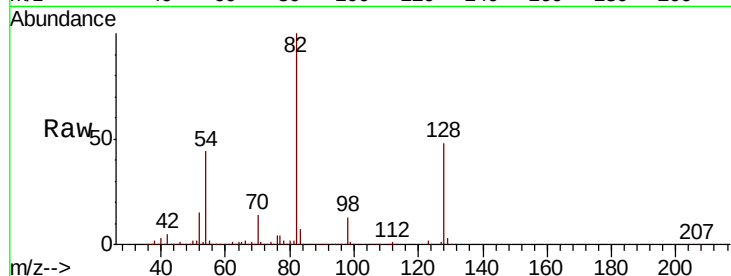
Tot Ion: 82 Resp: 915044

Ion Ratio Lower Upper

82 100

128 48.0 38.5 57.7

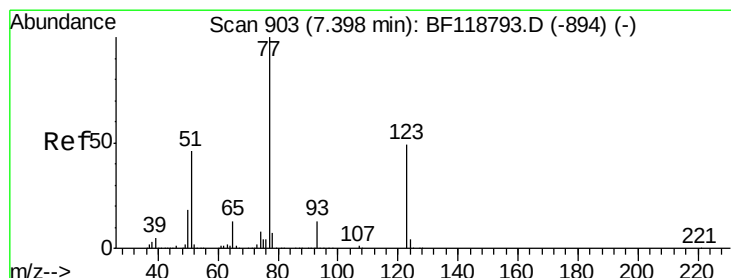
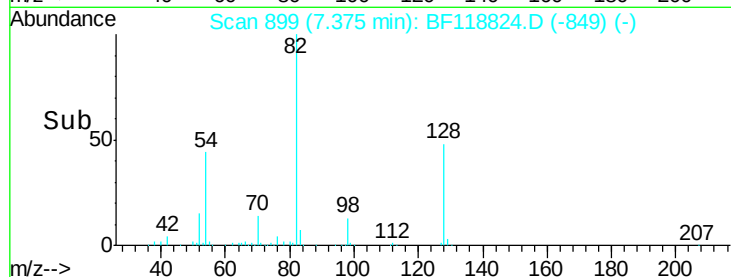
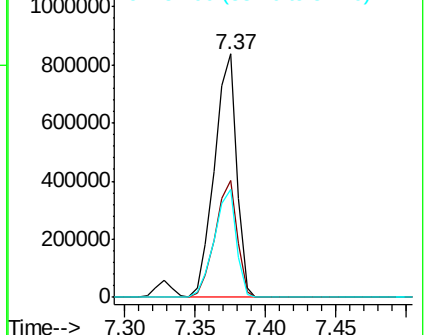
54 44.4 36.7 55.1



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 40.049 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.01 min

Lab File: BF118824.D

Acq: 5 Feb 2020 12:17

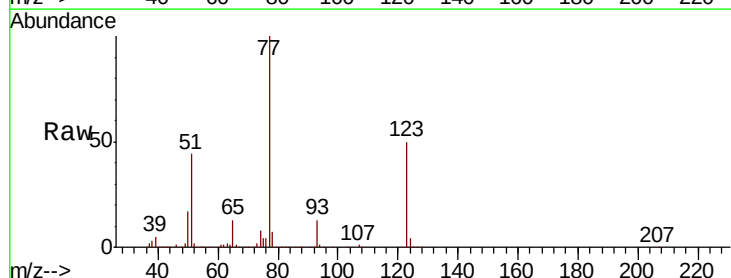
Tgt Ion: 77 Resp: 582650

Ion Ratio Lower Upper

77 100

123 49.8 39.0 58.4

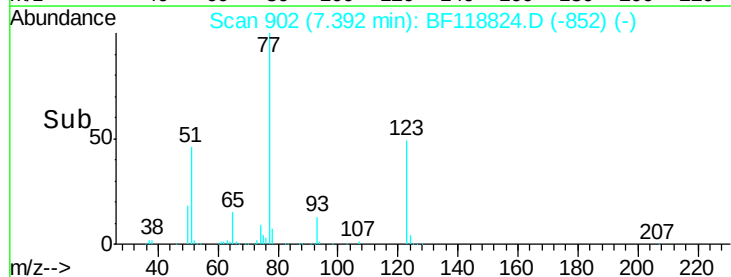
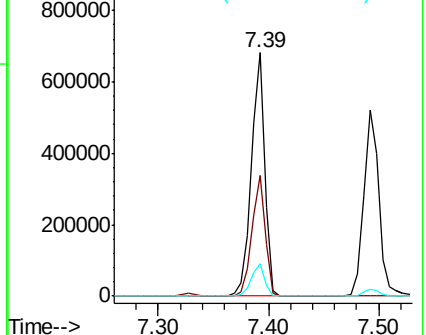
65 13.4 10.6 15.8

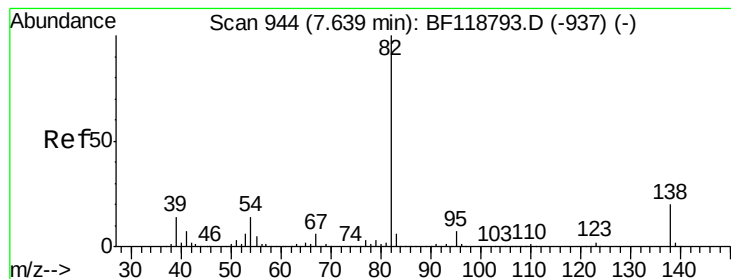


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 39.475 ng

RT: 7.63 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF118824.D

Acq: 5 Feb 2020 12:17

Instrument :

BNA_F

ClientSampleId :

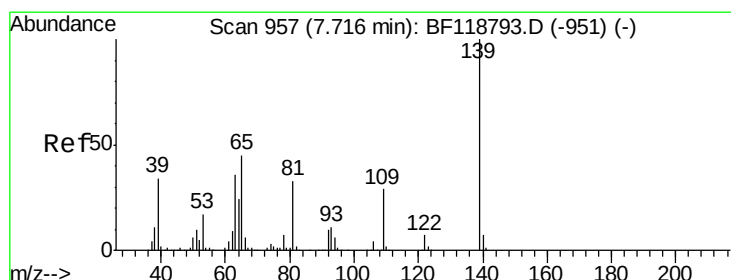
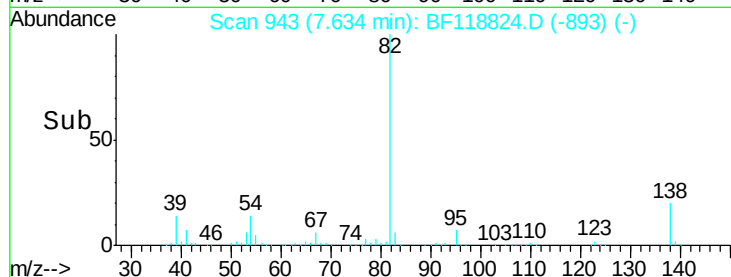
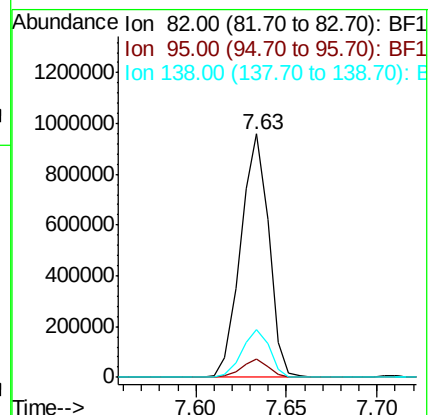
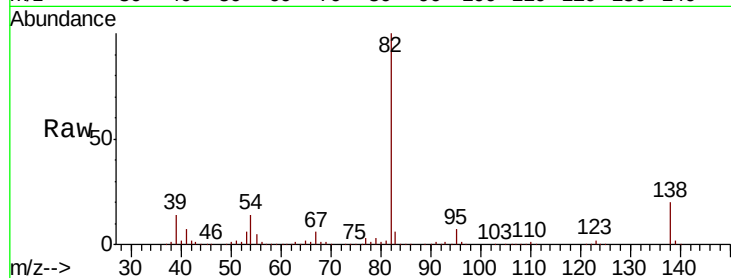
Tot Ion: 82 Resp: 1033176

Ion Ratio Lower Upper

82 100

95 7.3 6.0 9.0

138 19.5 15.7 23.5



#26

2-Nitrophenol

Concen: 40.885 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF118824.D

Acq: 5 Feb 2020 12:17

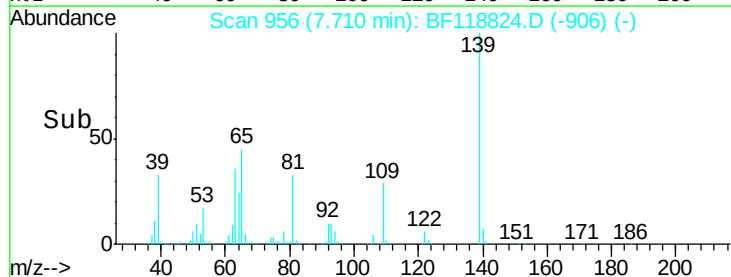
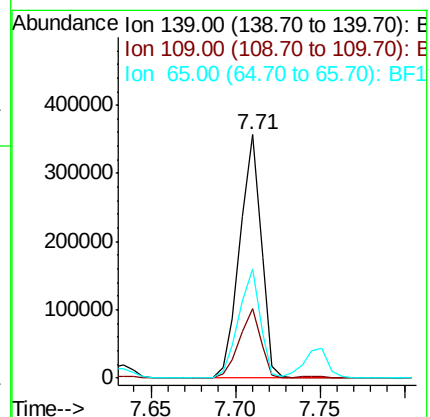
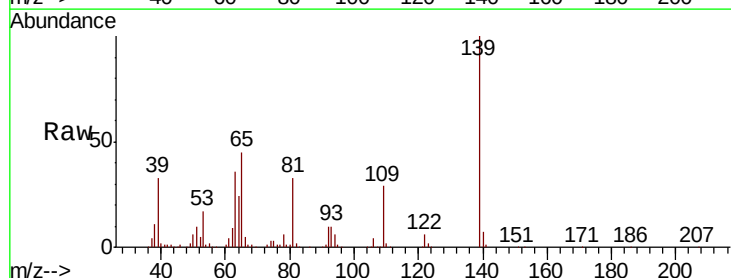
Tgt Ion: 139 Resp: 316951

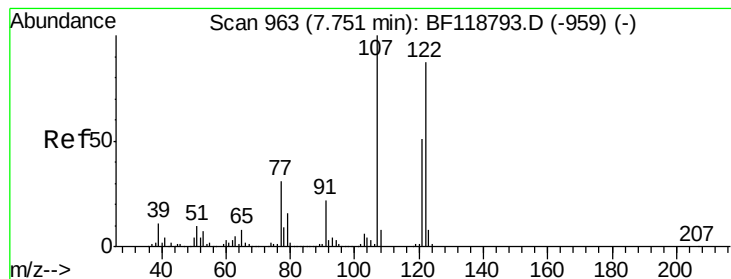
Ion Ratio Lower Upper

139 100

109 28.6 23.4 35.0

65 45.0 36.2 54.2





#27

2,4-Dimethylphenol

Concen: 44.723 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.00 min

Lab File: BF118824.D

Acq: 5 Feb 2020 12:17

Instrument :

BNA_F

ClientSampleId :

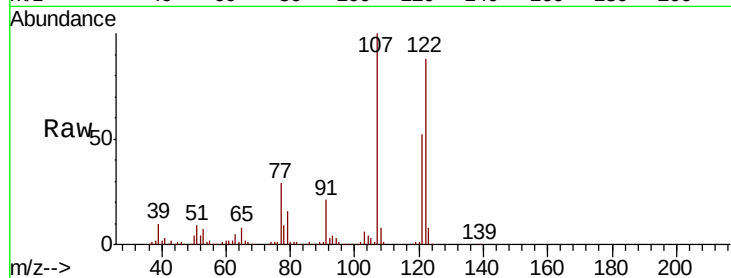
Tot Ion:122 Resp: 470959

Ion Ratio Lower Upper

122 100

107 114.2 92.2 138.2

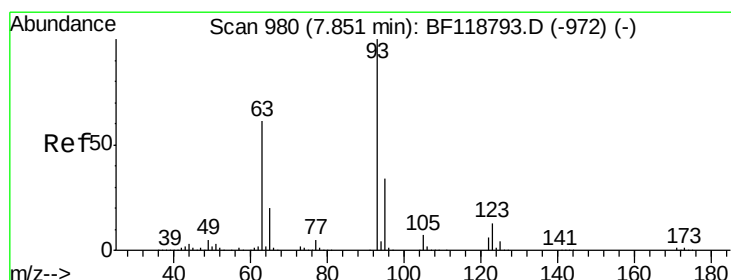
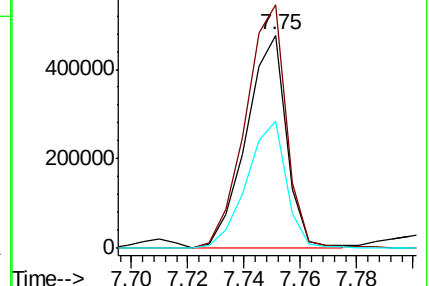
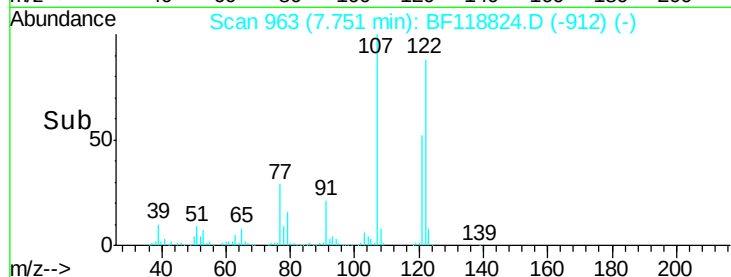
121 59.9 46.8 70.2



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: 37.529 ng

RT: 7.85 min Scan# 979

Delta R.T. -0.01 min

Lab File: BF118824.D

Acq: 5 Feb 2020 12:17

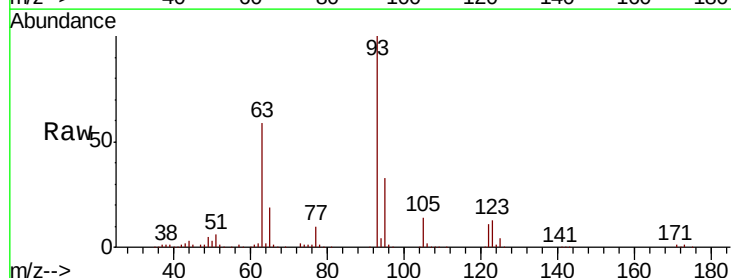
Tgt Ion: 93 Resp: 636927

Ion Ratio Lower Upper

93 100

95 32.9 27.0 40.4

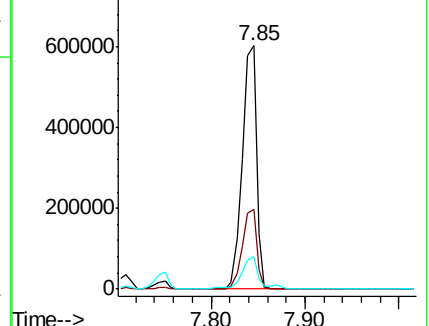
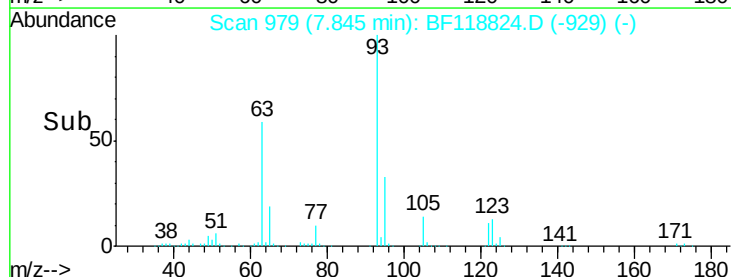
123 13.3 10.6 15.8

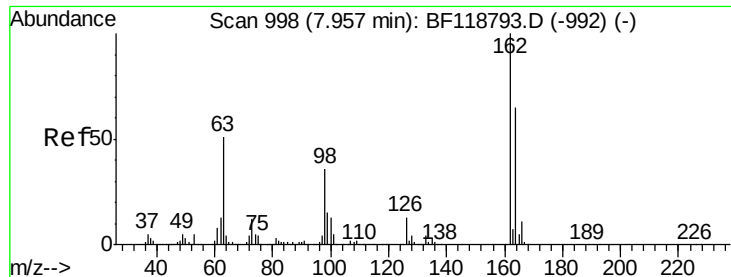


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

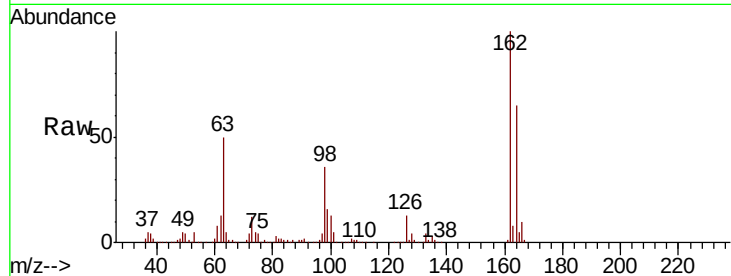




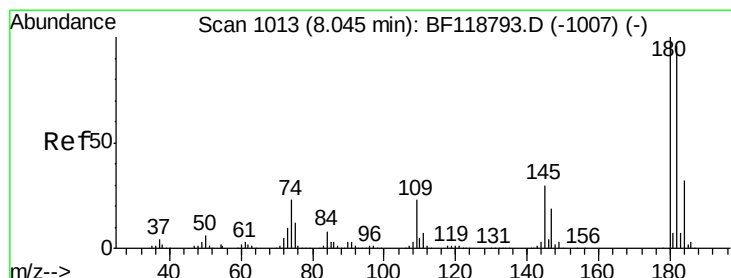
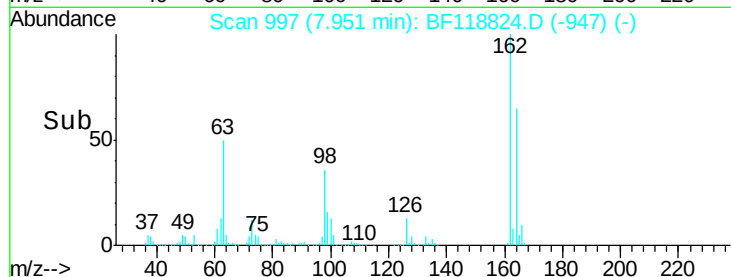
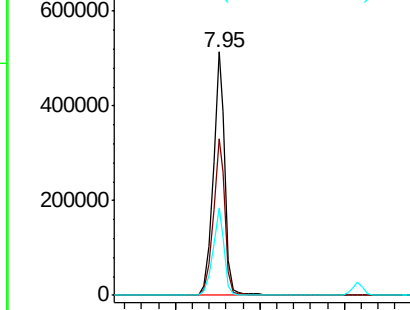
#29
2,4-Dichlorophenol
Concen: 39.785 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.01 min
Lab File: BF118824.D
Acq: 5 Feb 2020 12:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.5	44.8	84.8
98	36.1	16.4	56.4

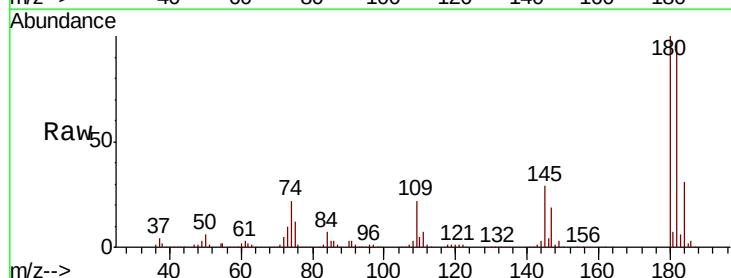


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

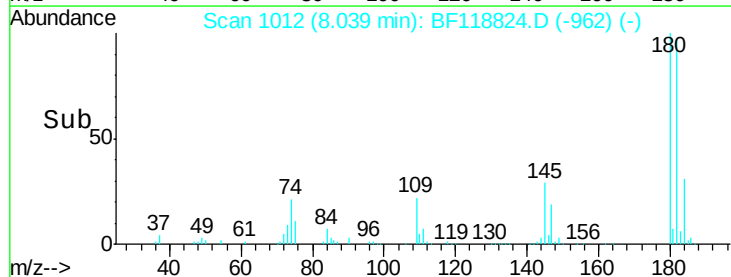
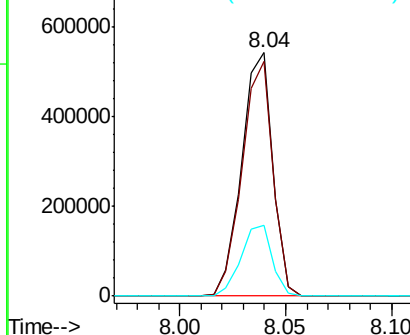


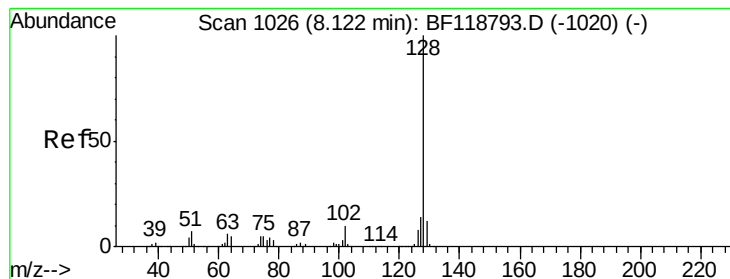
#30
1,2,4-Trichlorobenzene
Concen: 37.518 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF118824.D
Acq: 5 Feb 2020 12:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	76.6	115.0
145	29.3	24.0	36.0



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.877 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF118824.D

Acq: 5 Feb 2020 12:17

Instrument :

BNA_F

ClientSampleId :

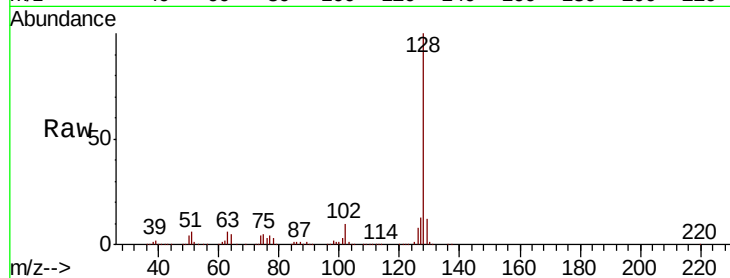
Tot Ion:128 Resp: 1622803

Ion Ratio Lower Upper

128 100

129 11.6 9.4 14.2

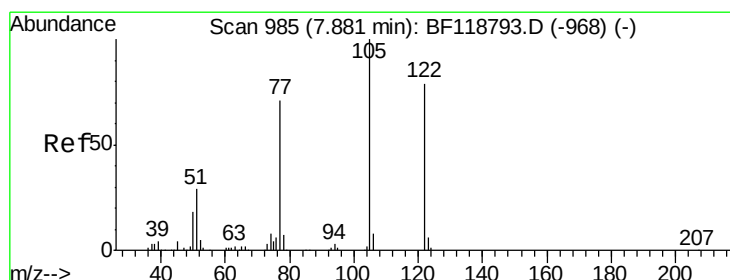
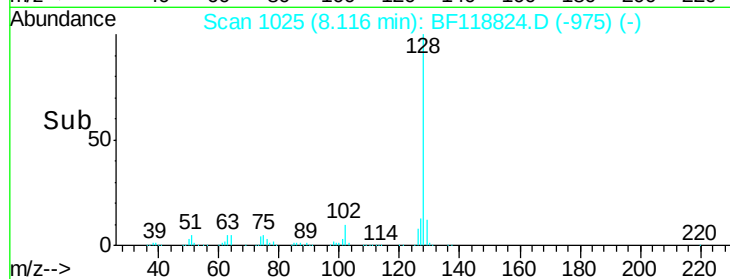
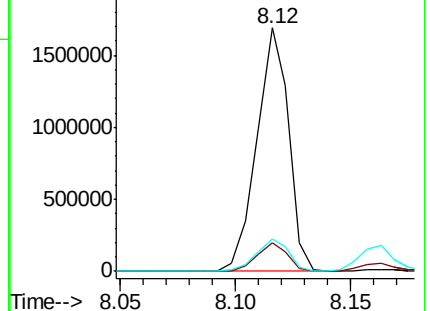
127 13.4 11.3 16.9



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: 39.909 ng

RT: 7.87 min Scan# 983

Delta R.T. -0.01 min

Lab File: BF118824.D

Acq: 5 Feb 2020 12:17

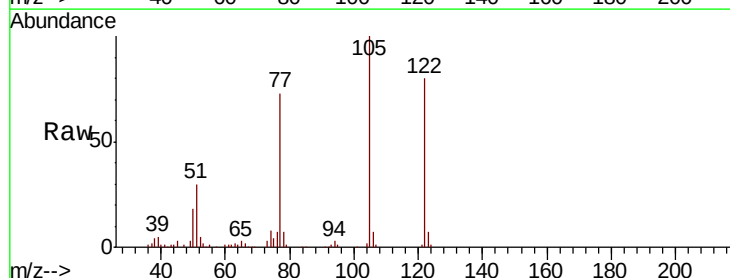
Tgt Ion:122 Resp: 347964

Ion Ratio Lower Upper

122 100

105 124.3 104.4 144.4

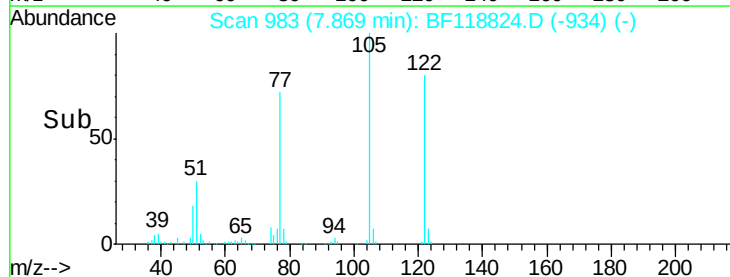
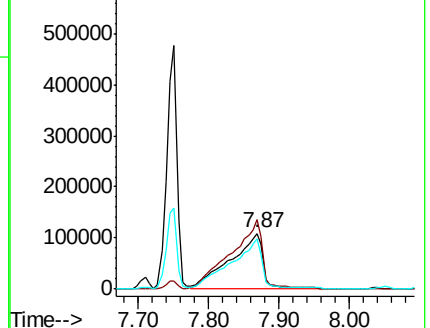
77 90.8 69.3 109.3

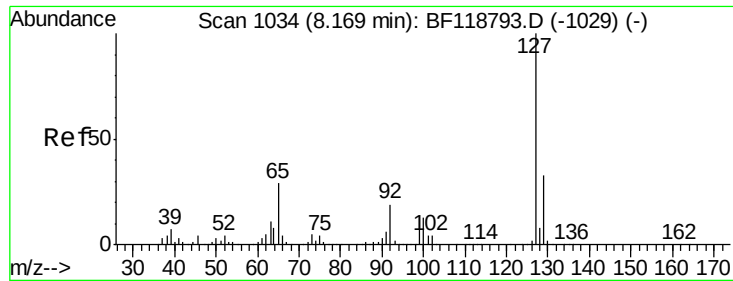


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

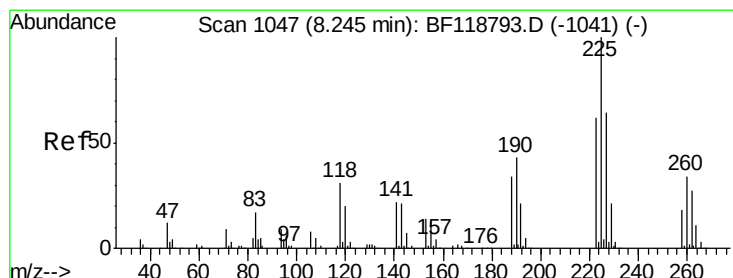
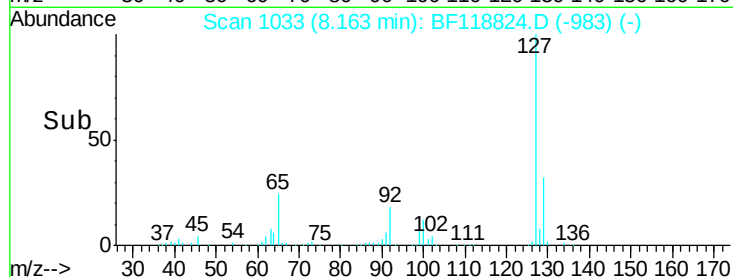
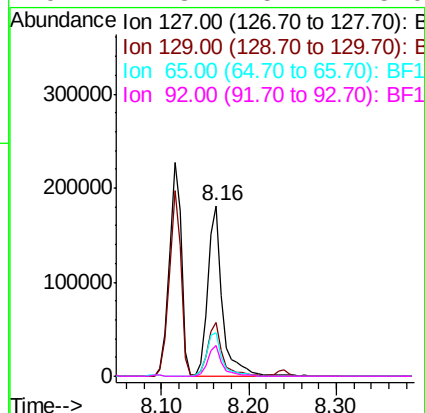
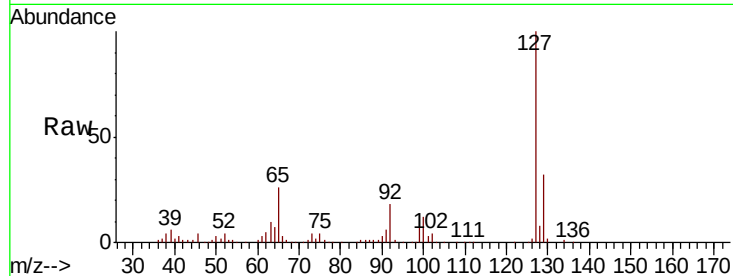




#33
4-Chloroaniline
Concen: 11.878 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF118824.D
Acq: 5 Feb 2020 12:17

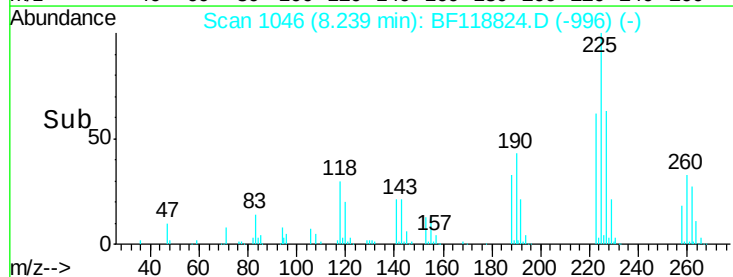
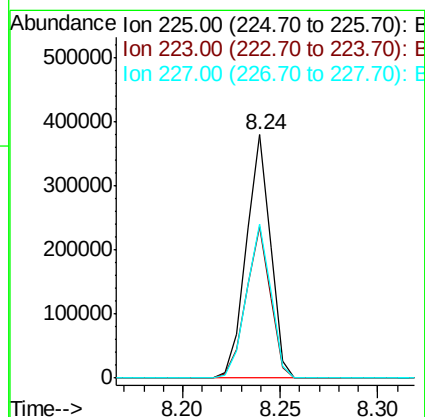
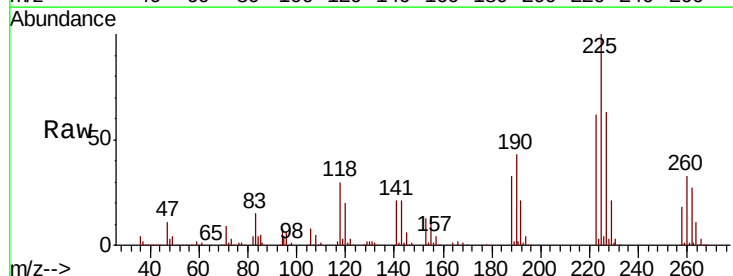
Instrument :
BNA_F
ClientSampleId :

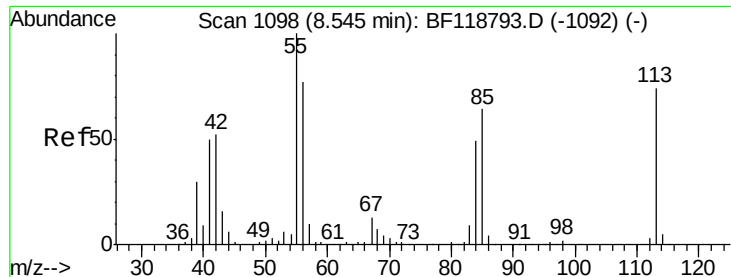
Tot Ion	Ratio	Lower	Upper
127	100		
129	31.6	26.7	40.1
65	25.8	22.9	34.3
92	17.8	15.4	23.0



#34
Hexachlorobutadiene
Concen: 36.224 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF118824.D
Acq: 5 Feb 2020 12:17

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	49.8	74.8
227	63.5	51.0	76.4

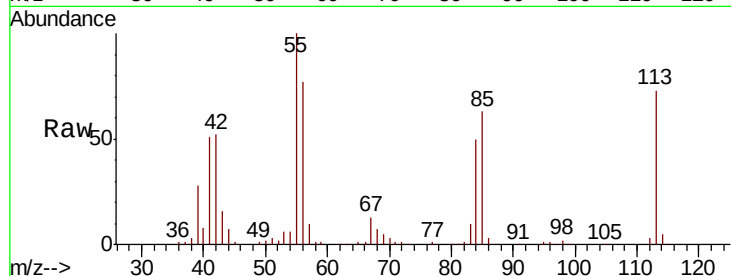




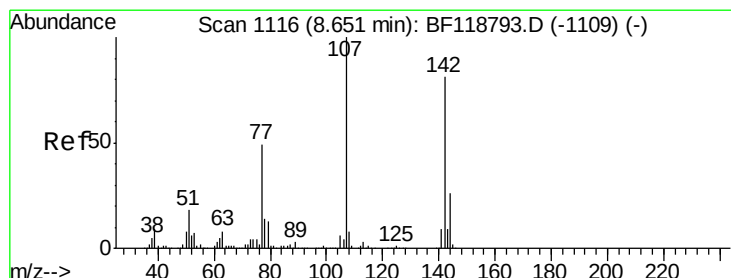
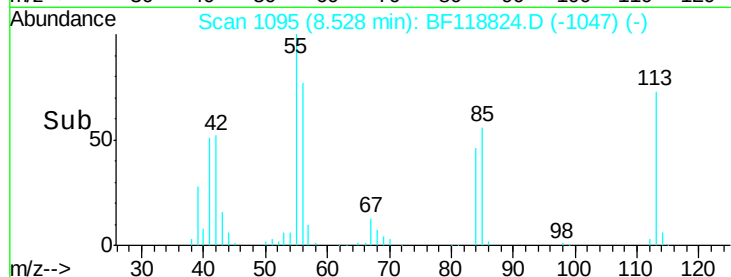
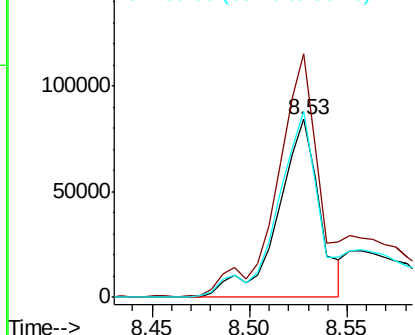
#35
Caprolactam
Concen: 30.409 ng
RT: 8.53 min Scan# 1095
Delta R.T. -0.02 min
Lab File: BF118824.D
Acq: 5 Feb 2020 12:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 124320
Ion Ratio Lower Upper
113 100
55 136.6 115.5 155.5
56 104.6 83.7 123.7

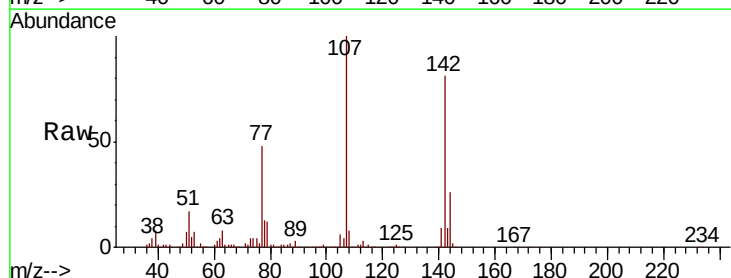


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

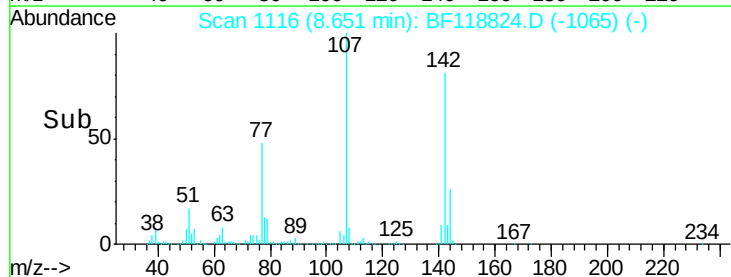
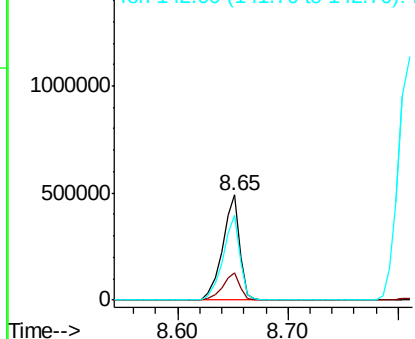


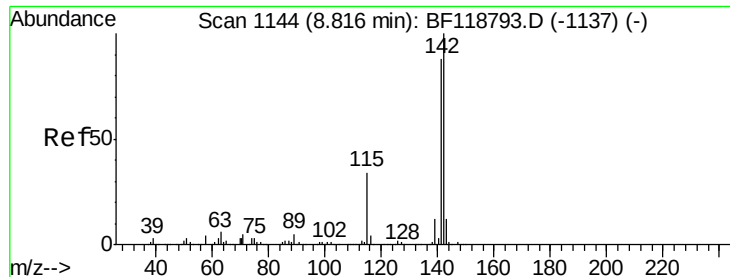
#36
4-Chloro-3-methylphenol
Concen: 41.439 ng
RT: 8.65 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BF118824.D
Acq: 5 Feb 2020 12:17

Tgt Ion:107 Resp: 525924
Ion Ratio Lower Upper
107 100
144 26.3 21.0 31.6
142 81.2 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

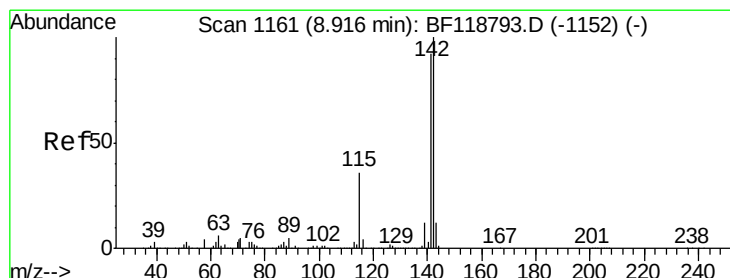
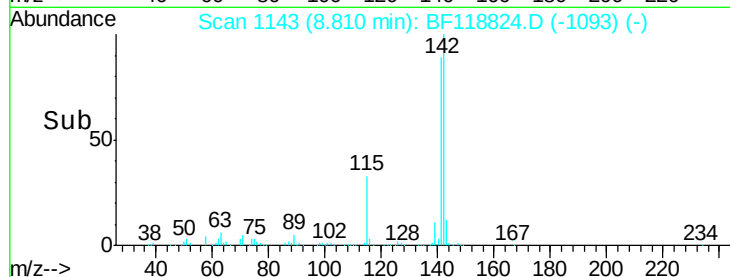
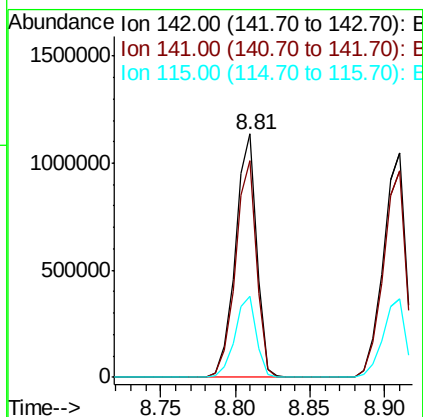
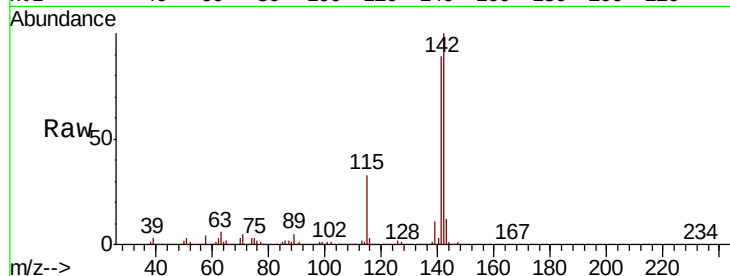




#37
2-Methylnaphthalene
Concen: 41.247 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF118824.D
Acq: 5 Feb 2020 12:17

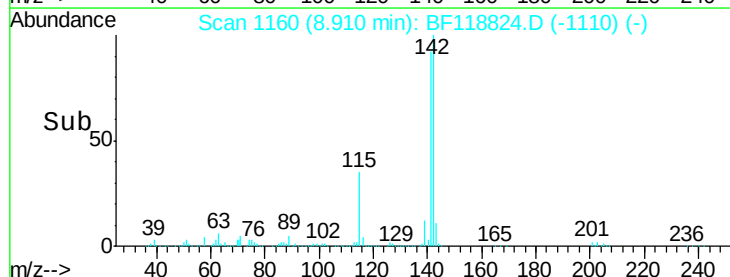
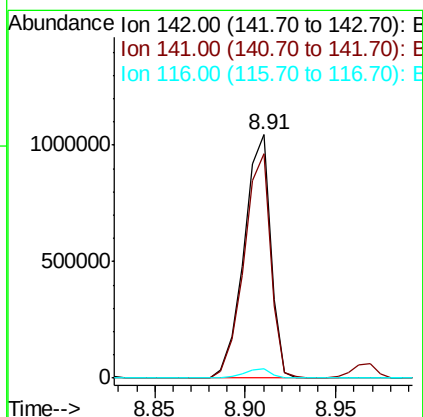
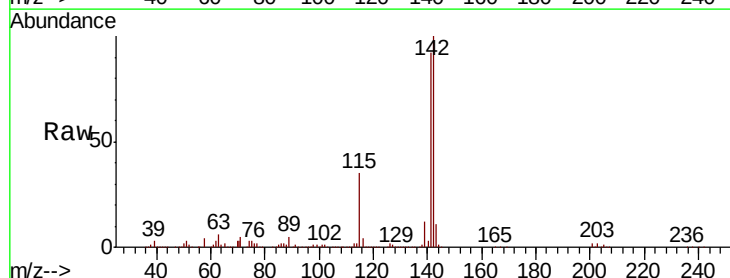
Instrument :
BNA_F
ClientSampleId :

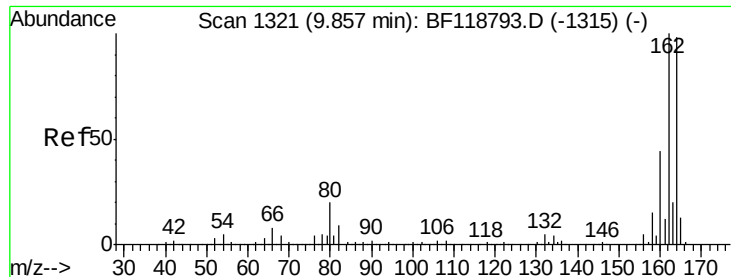
Tot Ion:142 Resp: 1135677
Ion Ratio Lower Upper
142 100
141 88.8 70.1 105.1
115 33.4 27.3 40.9



#38
1-Methylnaphthalene
Concen: 41.162 ng
RT: 8.91 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BF118824.D
Acq: 5 Feb 2020 12:17

Tgt Ion:142 Resp: 1066154
Ion Ratio Lower Upper
142 100
141 92.3 73.8 110.6
116 3.7 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF118824.D

Acq: 5 Feb 2020 12:17

Instrument :

BNA_F

ClientSampleId :

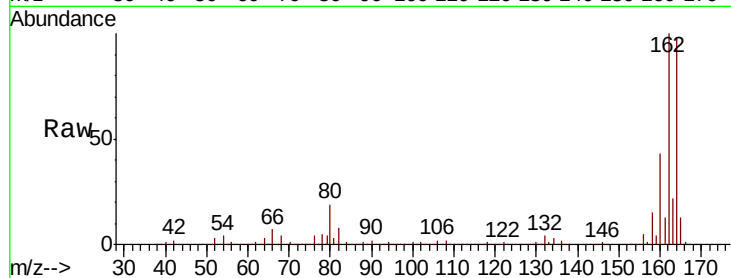
Tot Ion:164 Resp: 490282

Ion Ratio Lower Upper

164 100

162 101.7 81.4 122.2

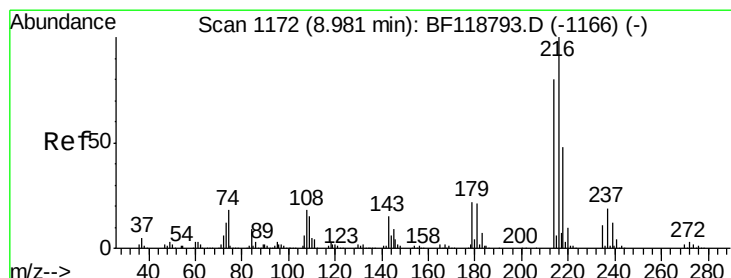
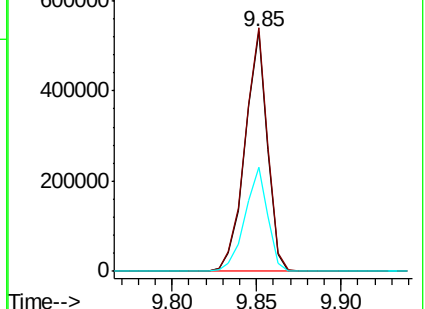
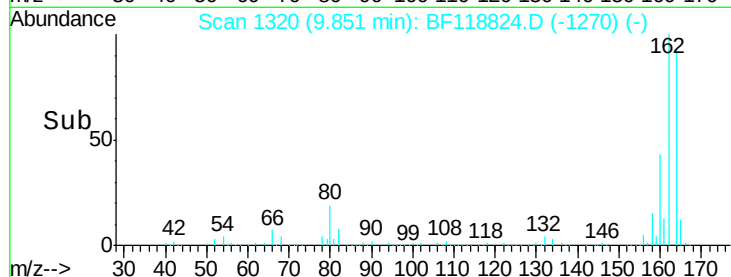
160 43.3 35.6 53.4



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: 37.449 ng

RT: 8.97 min Scan# 1171

Delta R.T. -0.01 min

Lab File: BF118824.D

Acq: 5 Feb 2020 12:17

Tgt Ion:216 Resp: 554130

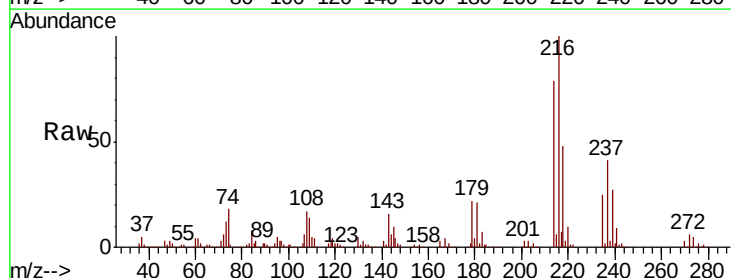
Ion Ratio Lower Upper

216 100

214 79.0 63.0 94.4

179 20.9 17.0 25.6

108 18.1 13.5 20.3

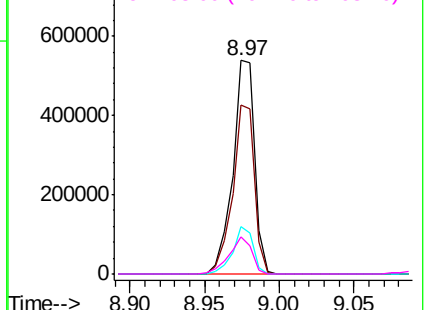
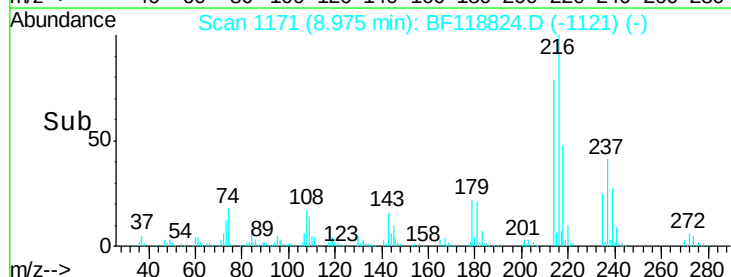


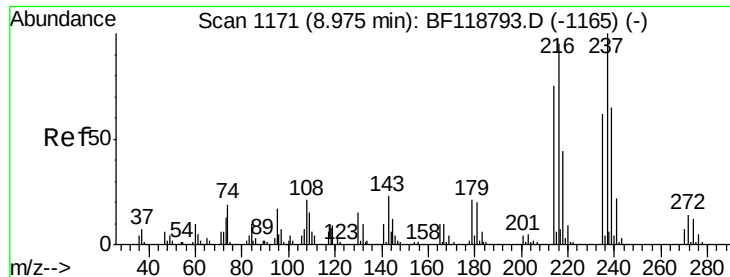
Abundance Ion 216.00 (215.70 to 216.70): E

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: 91.026 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.01 min

Lab File: BF118824.D

Acq: 5 Feb 2020 12:17

Instrument :

BNA_F

ClientSampleId :

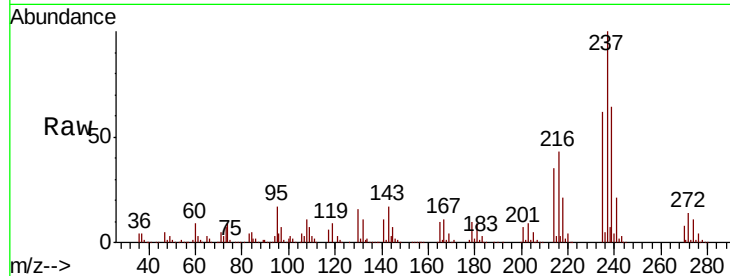
Tot Ion:237 Resp: 528146

Ion Ratio Lower Upper

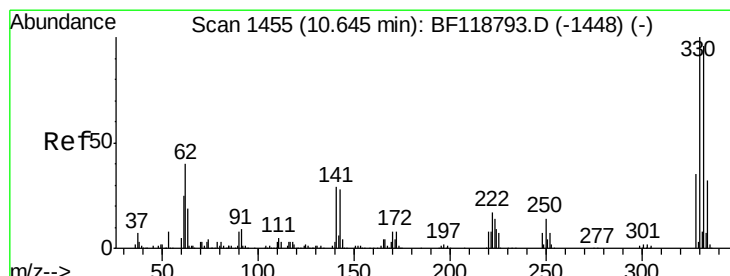
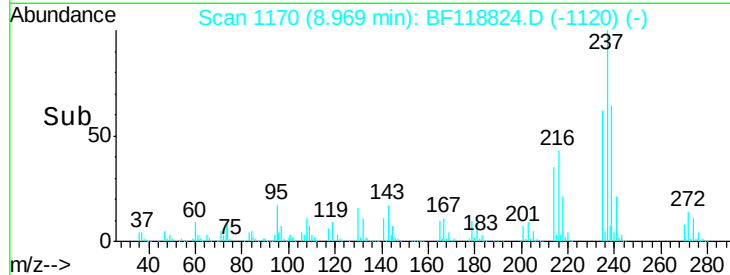
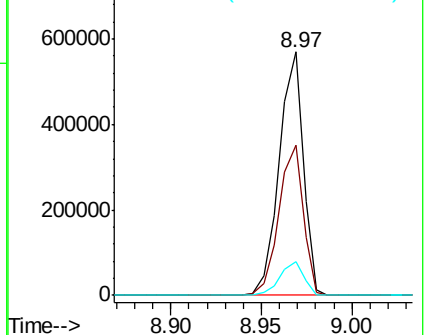
237 100

235 61.8 42.1 82.1

272 14.0 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: 93.484 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF118824.D

Acq: 5 Feb 2020 12:17

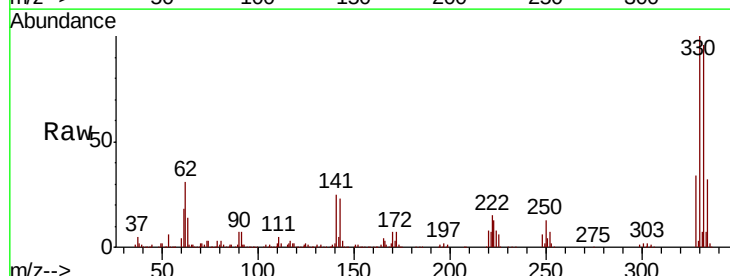
Tgt Ion:330 Resp: 548410

Ion Ratio Lower Upper

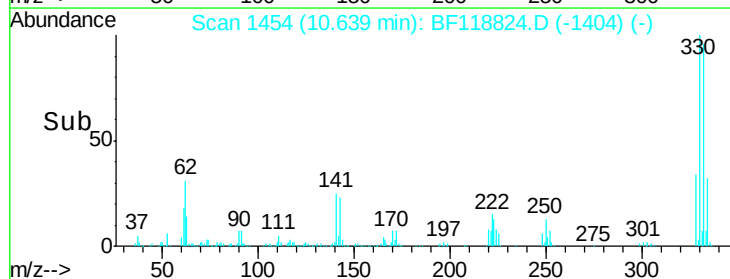
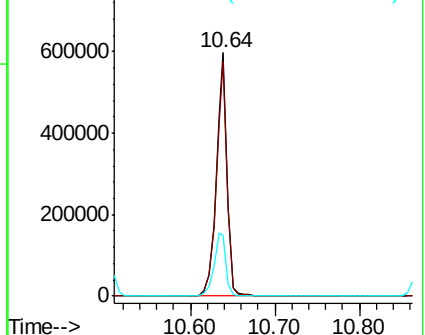
330 100

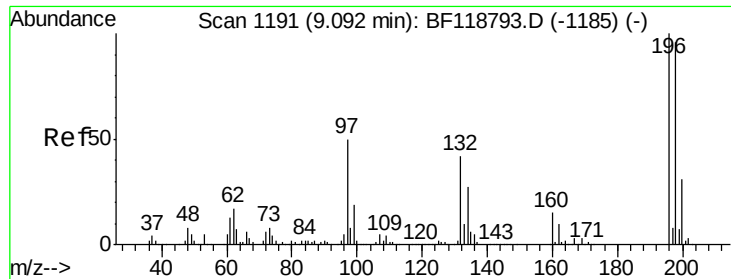
332 95.9 77.3 115.9

141 28.8 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

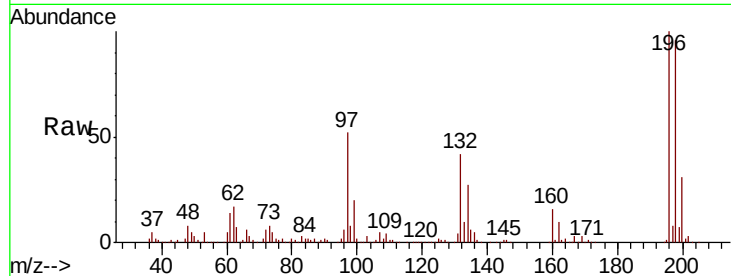




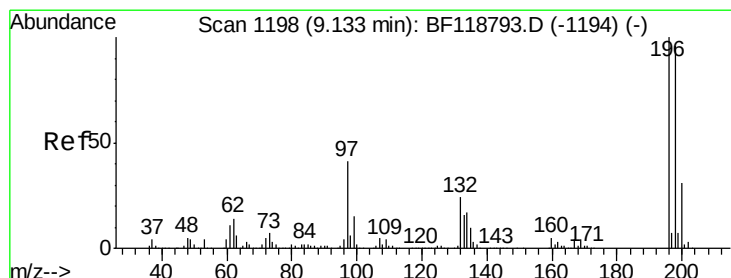
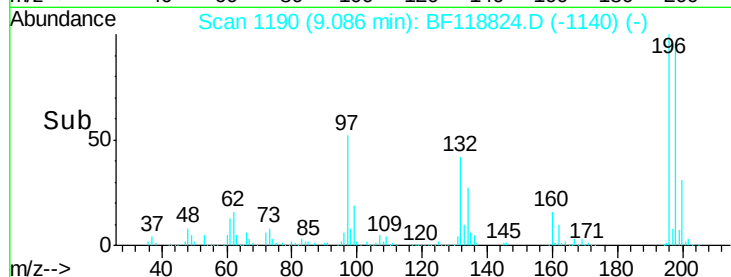
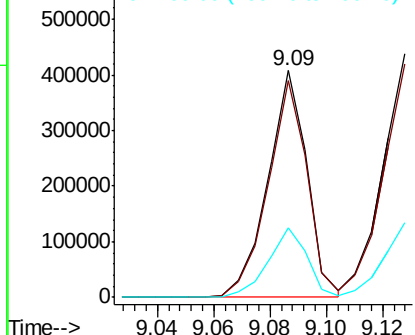
#43
 2,4,6-Trichlorophenol
 Concen: 39.542 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF118824.D
 Acq: 5 Feb 2020 12:17

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	196	Resp	391260
Ion Ratio	Lower	Upper	
196	100		
198	95.7	76.7	115.1
200	30.8	24.9	37.3



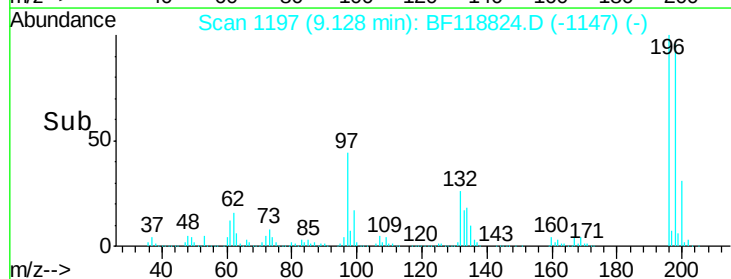
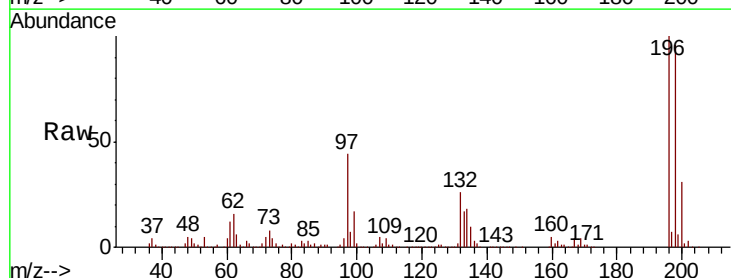
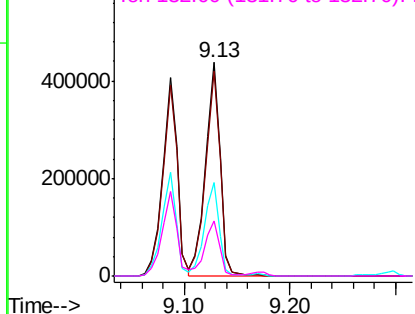
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

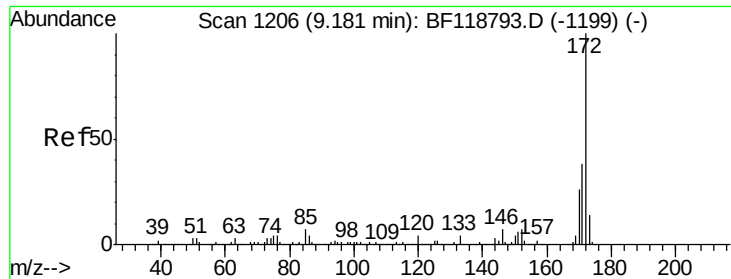


#44
 2,4,5-Trichlorophenol
 Concen: 41.645 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF118824.D
 Acq: 5 Feb 2020 12:17

Tgt Ion	196	Resp	421047
Ion Ratio	Lower	Upper	
196	100		
198	95.7	77.0	115.4
97	43.9	32.9	49.3
132	25.8	19.9	29.9

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

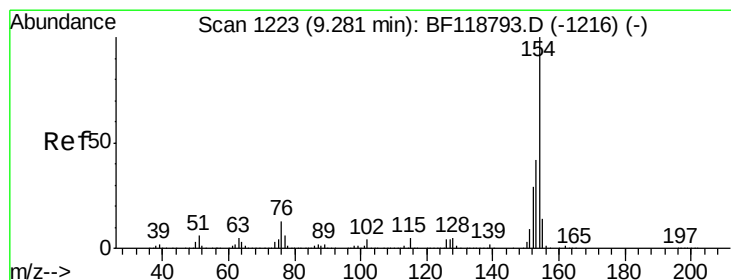
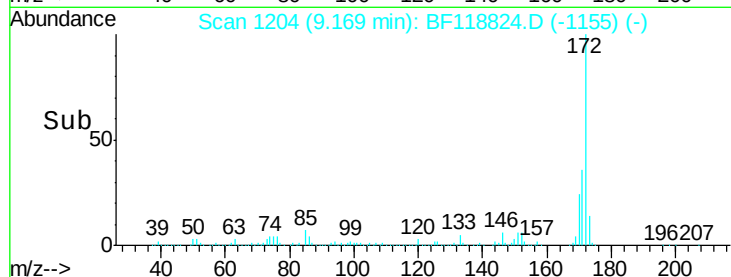
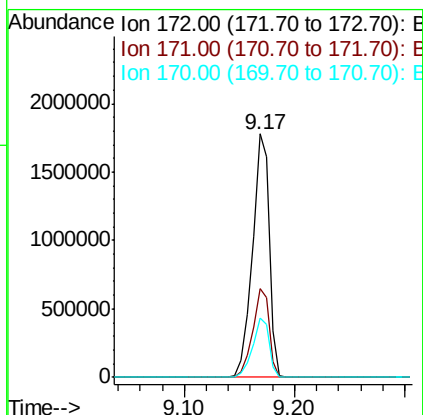
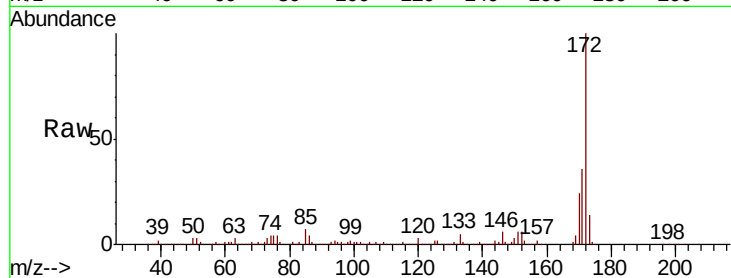




#45
2-Fluorobiphenyl
Concen: 69.384 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF118824.D
Acq: 5 Feb 2020 12:17

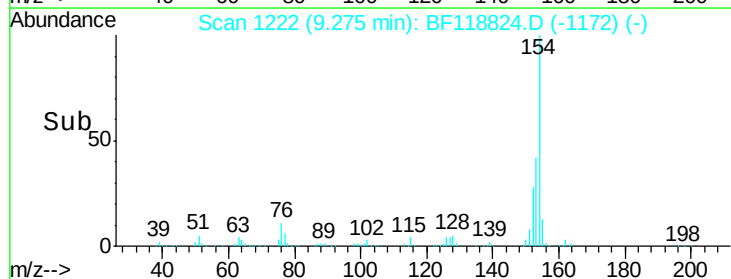
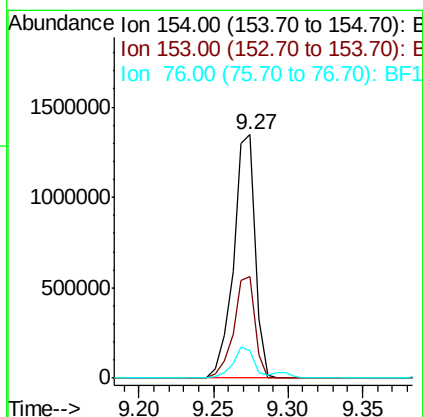
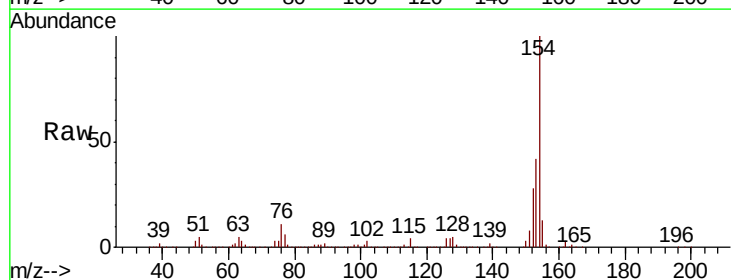
Instrument :
BNA_F
ClientSampleId :

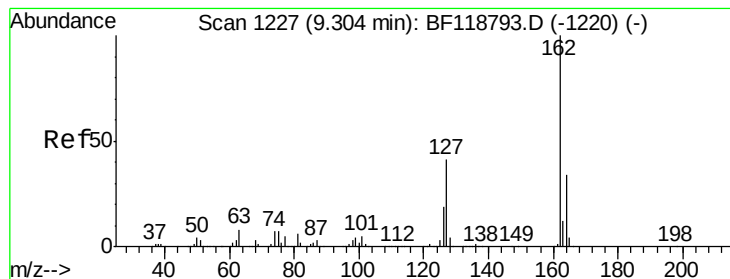
Tot Ion:172 Resp: 1902879
Ion Ratio Lower Upper
172 100
171 36.3 30.8 46.2
170 24.1 20.5 30.7



#46
1,1'-Biphenyl
Concen: 40.388 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BF118824.D
Acq: 5 Feb 2020 12:17

Tgt Ion:154 Resp: 1369763
Ion Ratio Lower Upper
154 100
153 41.6 22.4 62.4
76 11.3 0.0 32.7





#47

2-Chloronaphthalene

Concen: 39.008 ng

RT: 9.30 min Scan# 1226

Delta R.T. -0.01 min

Lab File: BF118824.D

Acq: 5 Feb 2020 12:17

Instrument :

BNA_F

ClientSampleId :

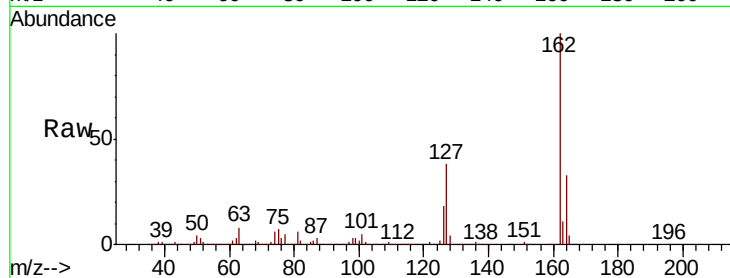
Tot Ion:162 Resp: 1099822

Ion Ratio Lower Upper

162 100

127 38.5 33.3 49.9

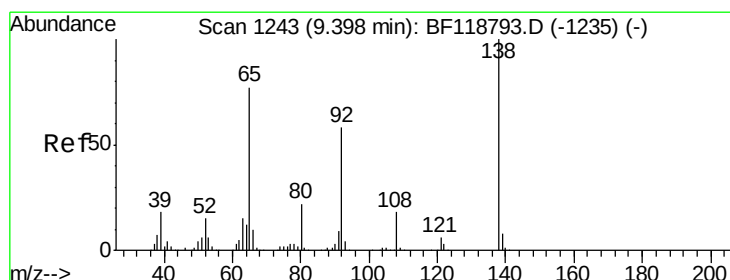
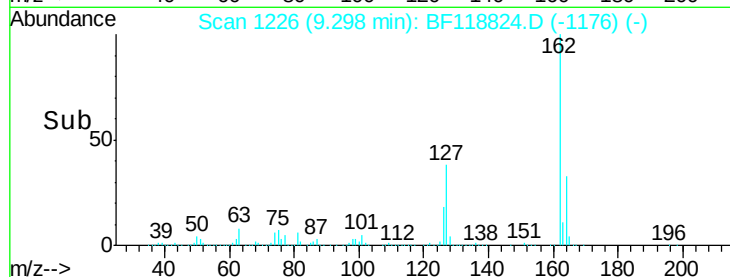
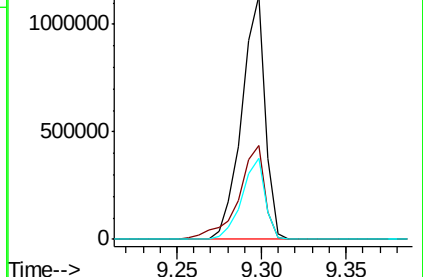
164 33.3 27.1 40.7



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 38.713 ng

RT: 9.39 min Scan# 1241

Delta R.T. -0.01 min

Lab File: BF118824.D

Acq: 5 Feb 2020 12:17

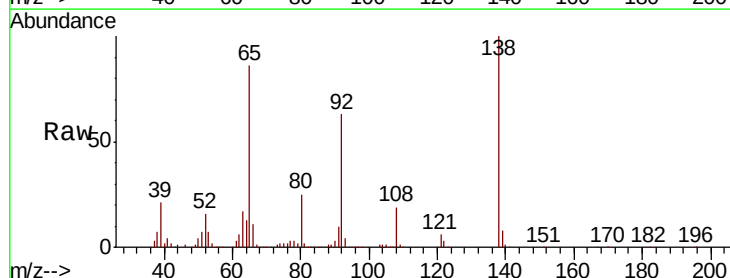
Tgt Ion: 65 Resp: 314813

Ion Ratio Lower Upper

65 100

92 73.4 60.6 91.0

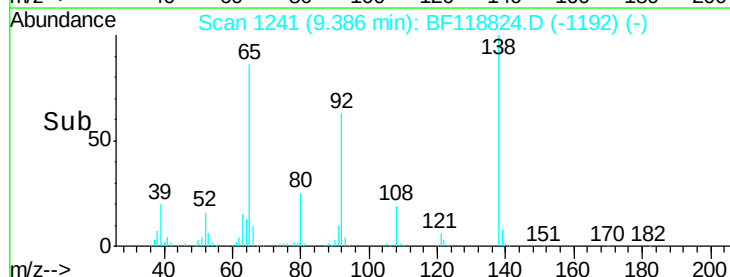
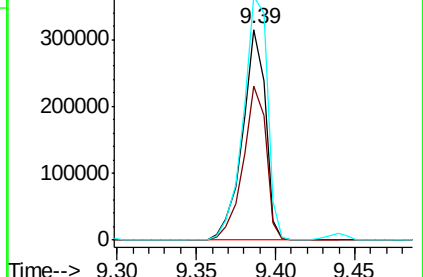
138 115.7 104.6 156.8

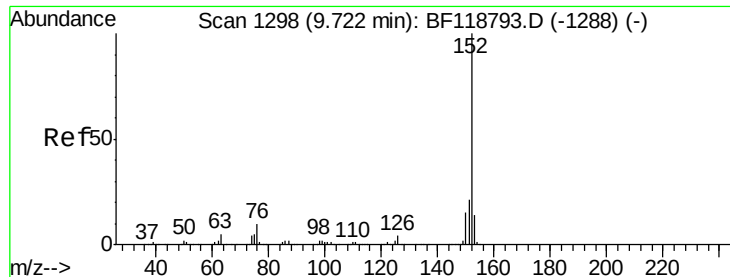


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 42.696 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF118824.D

Acq: 5 Feb 2020 12:17

Instrument :

BNA_F

ClientSampleId :

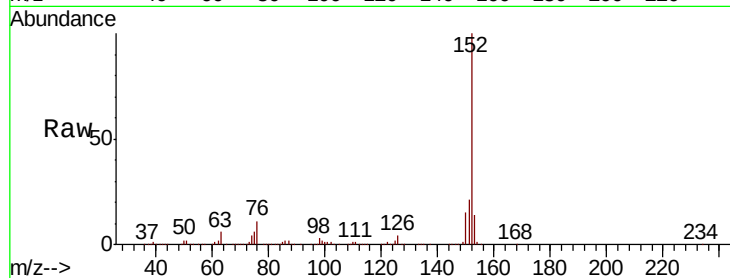
Tot Ion:152 Resp: 1738142

Ion Ratio Lower Upper

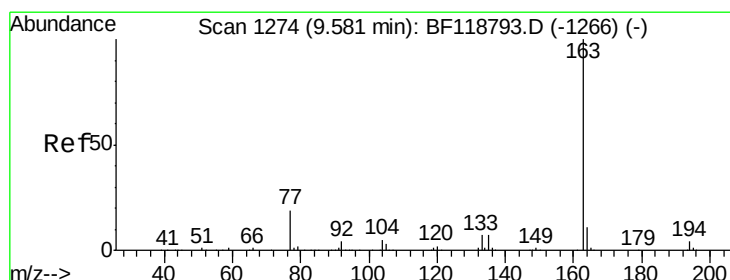
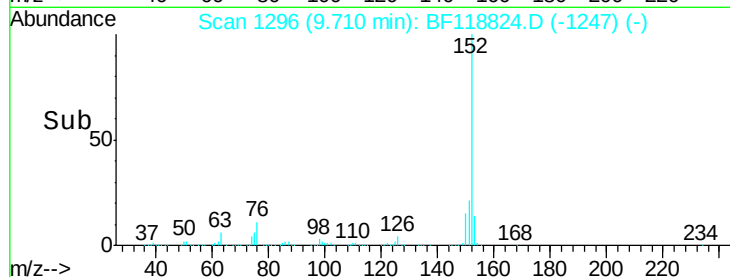
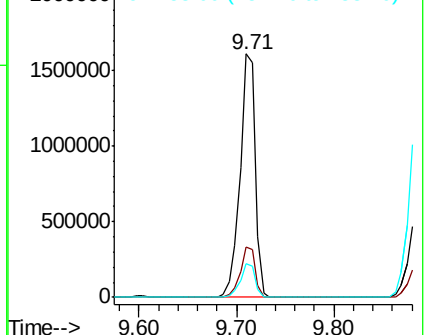
152 100

151 20.9 17.1 25.7

153 13.7 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: 41.746 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BF118824.D

Acq: 5 Feb 2020 12:17

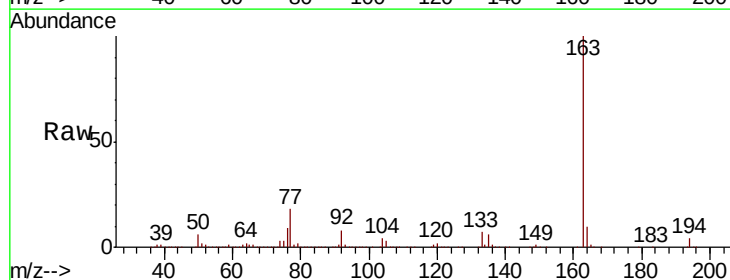
Tgt Ion:163 Resp: 1393635

Ion Ratio Lower Upper

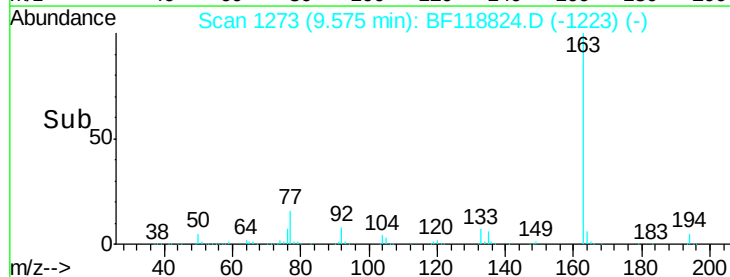
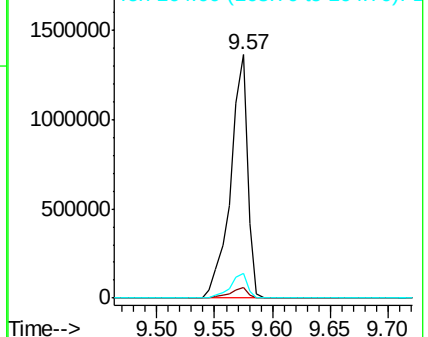
163 100

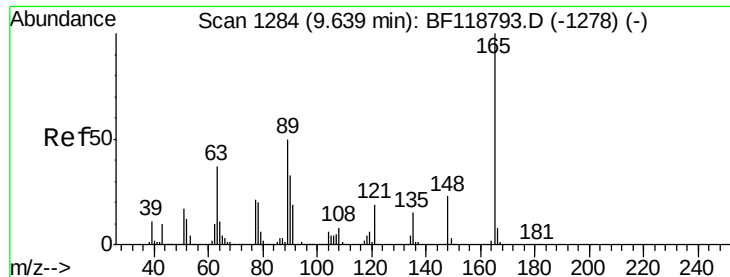
194 4.5 3.6 5.4

164 10.2 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

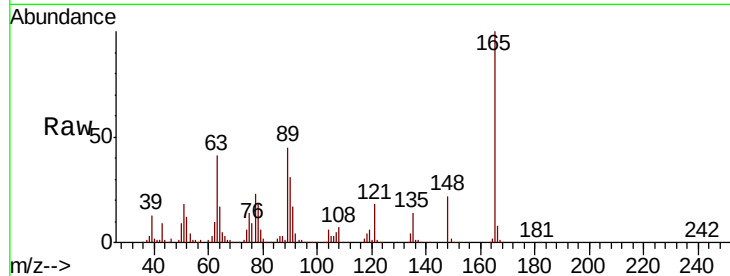




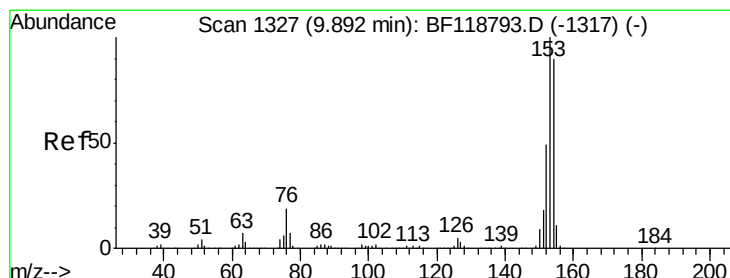
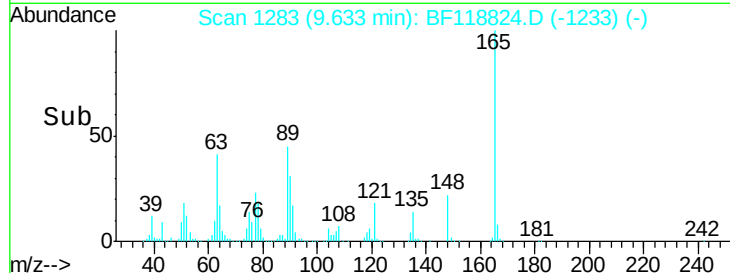
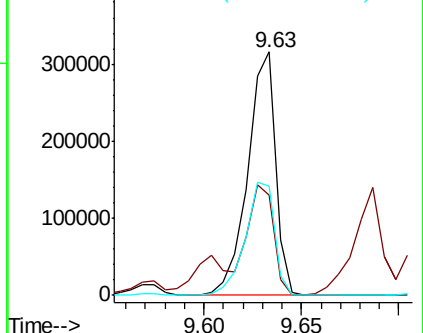
#51
 2,6-Dinitrotoluene
 Concen: 40.984 ng
 RT: 9.63 min Scan# 1283
 Delta R.T. -0.01 min
 Lab File: BF118824.D
 Acq: 5 Feb 2020 12:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 313060
 Ion Ratio Lower Upper
 165 100
 63 41.0 37.4 56.0
 89 45.0 39.7 59.5

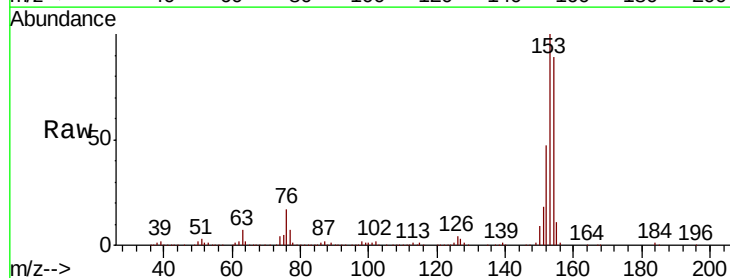


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

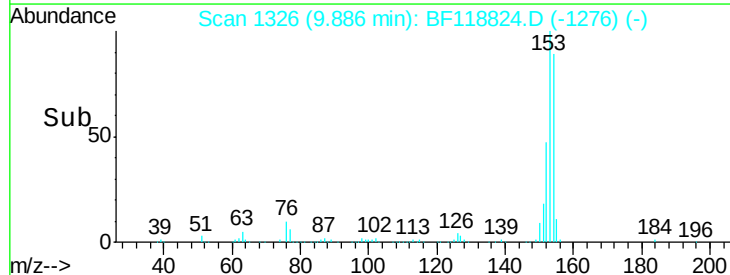
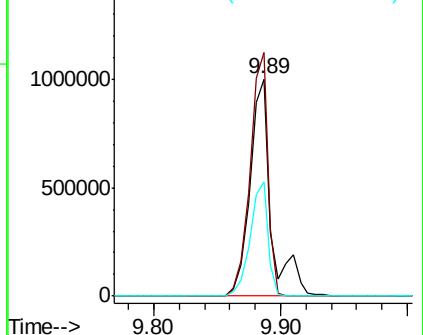


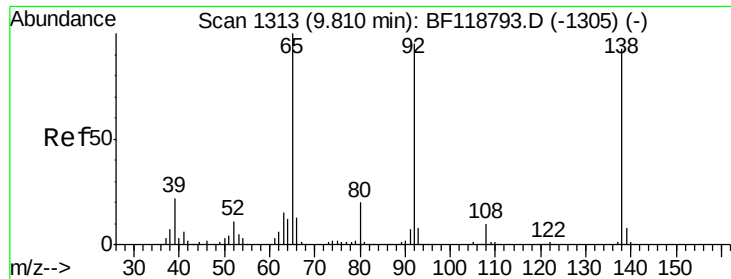
#52
 Acenaphthene
 Concen: 43.597 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.01 min
 Lab File: BF118824.D
 Acq: 5 Feb 2020 12:17

Tgt Ion:154 Resp: 1169515
 Ion Ratio Lower Upper
 154 100
 153 112.2 89.4 134.0
 152 52.8 43.6 65.4



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

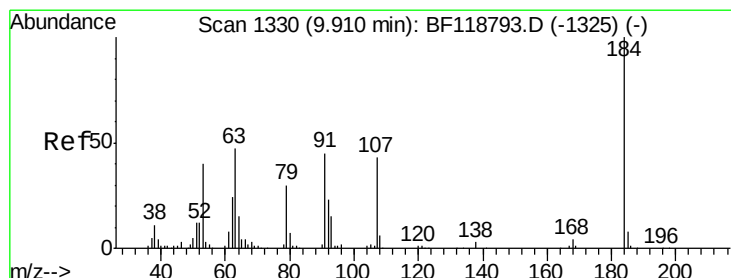
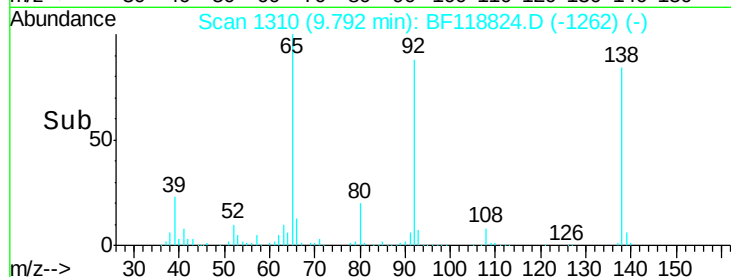
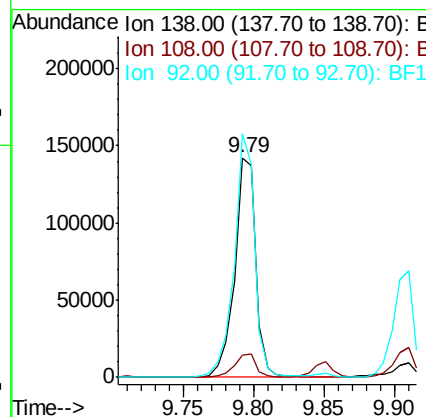
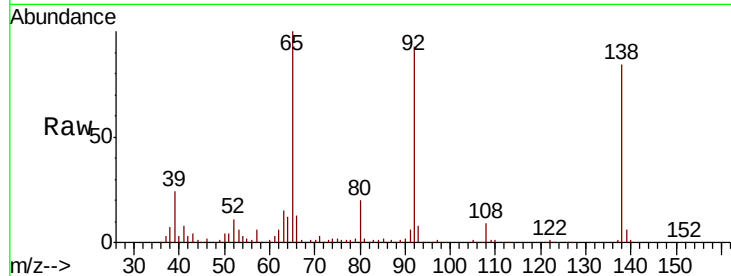




#53
3-Nitroaniline
Concen: 17.526 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.02 min
Lab File: BF118824.D
Acq: 5 Feb 2020 12:17

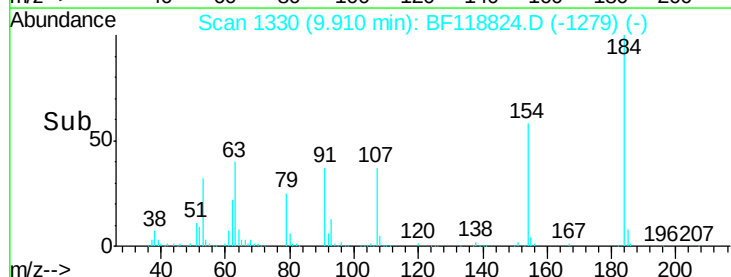
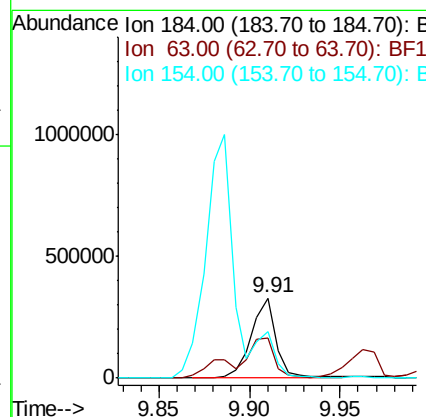
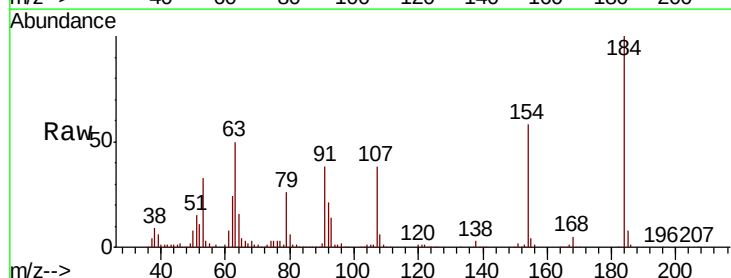
Instrument :
BNA_F
ClientSampleId :

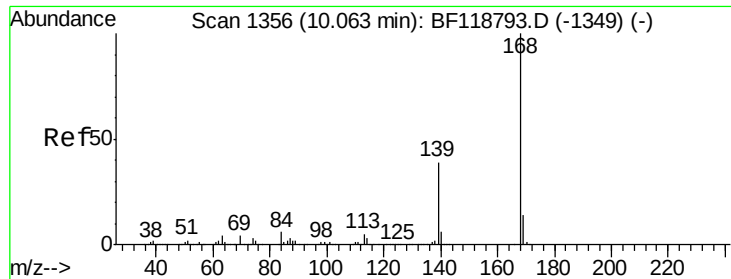
Tot Ion:138 Resp: 148470
Ion Ratio Lower Upper
138 100
108 10.4 8.5 12.7
92 110.9 82.2 123.4



#54
2,4-Dinitrophenol
Concen: 86.606 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BF118824.D
Acq: 5 Feb 2020 12:17

Tgt Ion:184 Resp: 318026
Ion Ratio Lower Upper
184 100
63 49.5 47.5 71.3
154 58.2 48.6 72.8

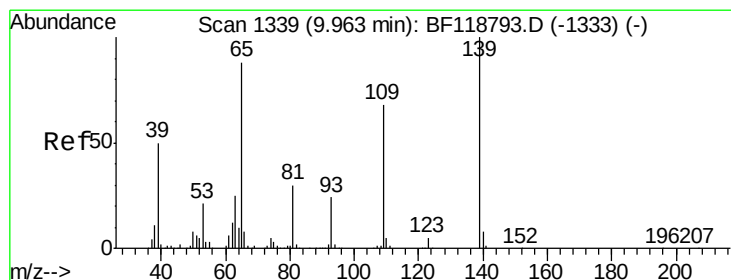
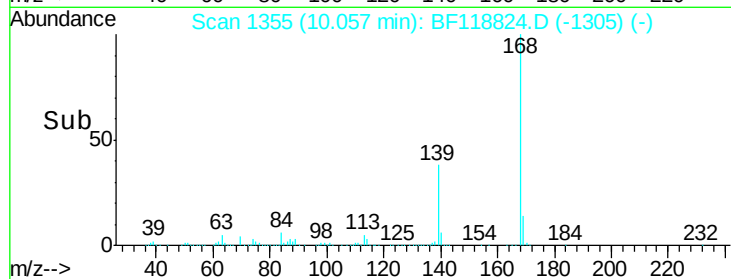
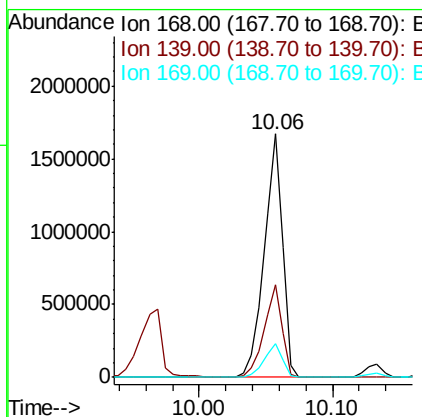
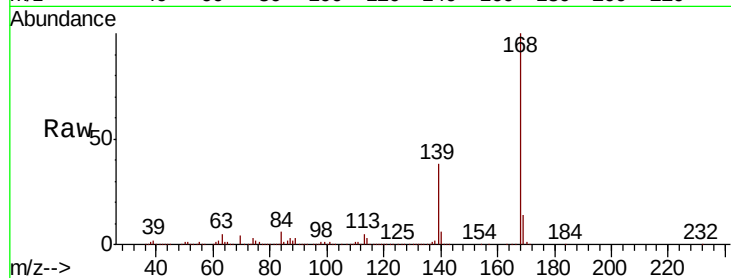




#55
Dibenzofuran
Concen: 40.470 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF118824.D
Acq: 5 Feb 2020 12:17

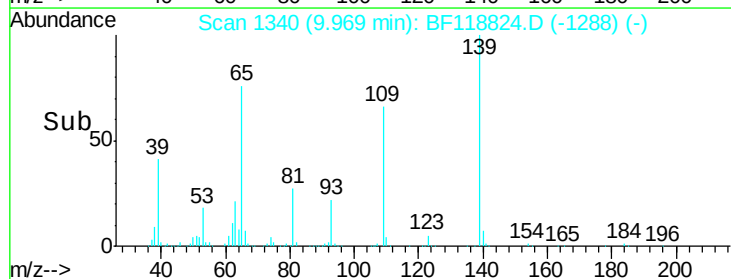
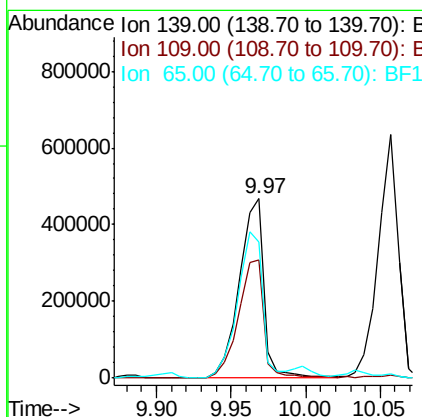
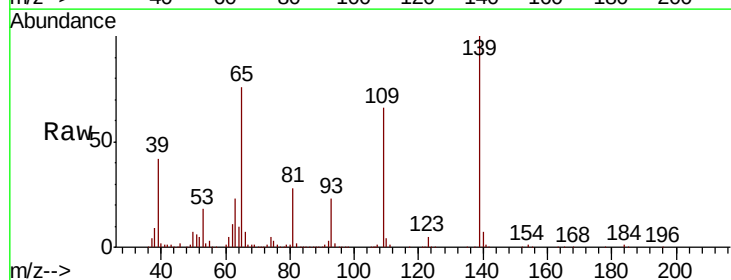
Instrument :
BNA_F
ClientSampleId :

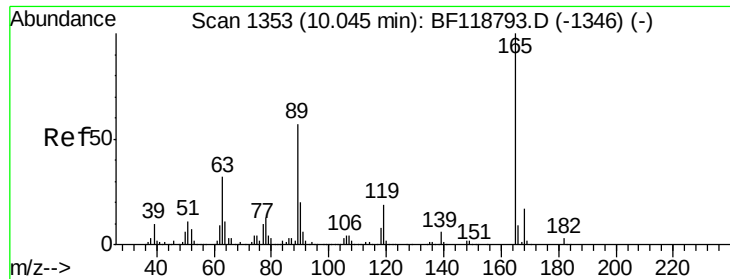
Tot Ion:168 Resp: 1568921
Ion Ratio Lower Upper
168 100
139 38.0 31.6 47.4
169 14.1 11.4 17.2



#56
4-Nitrophenol
Concen: 88.080 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF118824.D
Acq: 5 Feb 2020 12:17

Tgt Ion:139 Resp: 540026
Ion Ratio Lower Upper
139 100
109 66.1 48.0 88.0
65 76.2 68.3 108.3

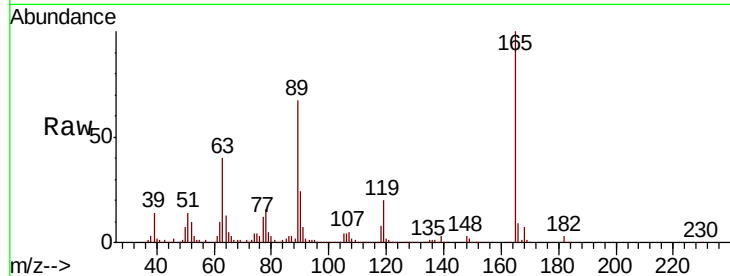




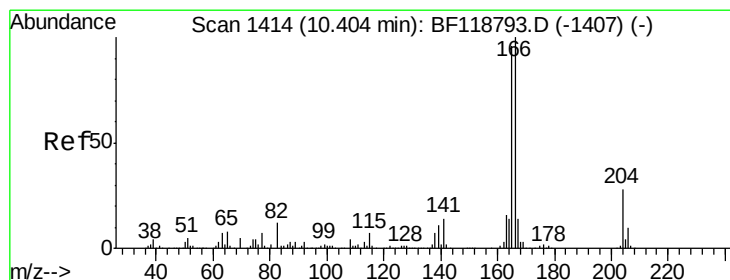
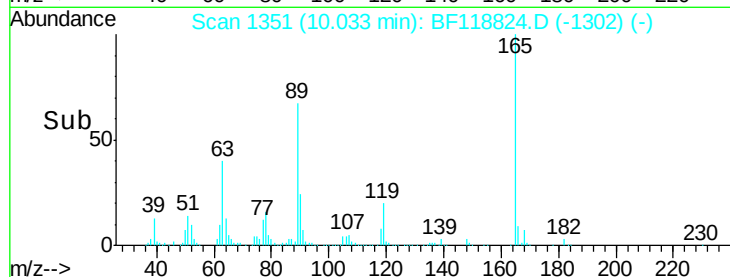
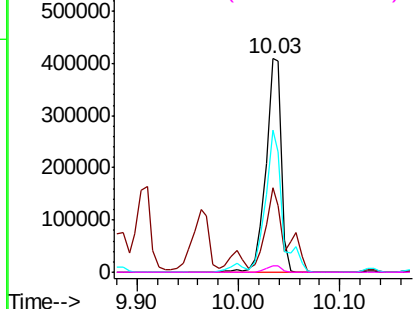
#57
2,4-Dinitrotoluene
Concen: 42.771 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BF118824.D
Acq: 5 Feb 2020 12:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 432353
Ion Ratio Lower Upper
165 100
63 39.8 25.5 38.3#
89 66.7 45.4 68.0
182 2.9 2.4 3.6

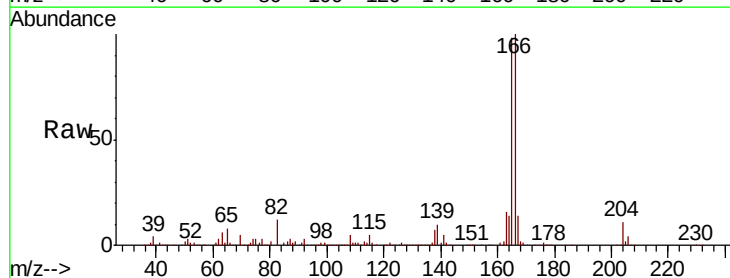


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

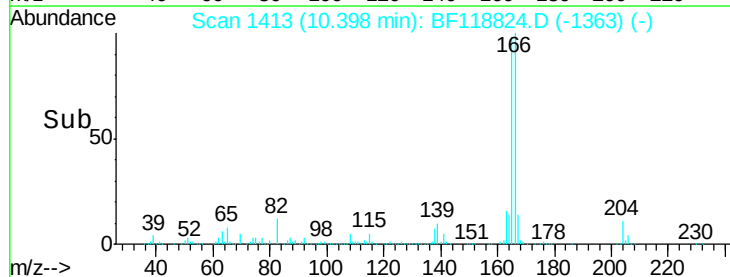
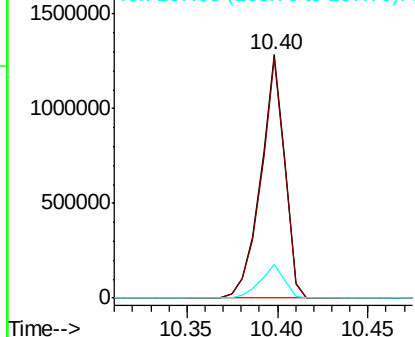


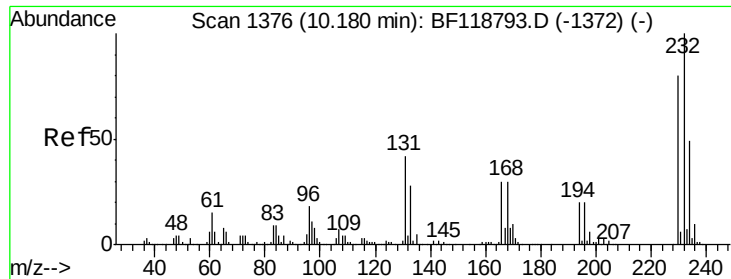
#58
Fluorene
Concen: 40.427 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BF118824.D
Acq: 5 Feb 2020 12:17

Tgt Ion:166 Resp: 1179087
Ion Ratio Lower Upper
166 100
165 98.4 77.0 115.6
167 13.9 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

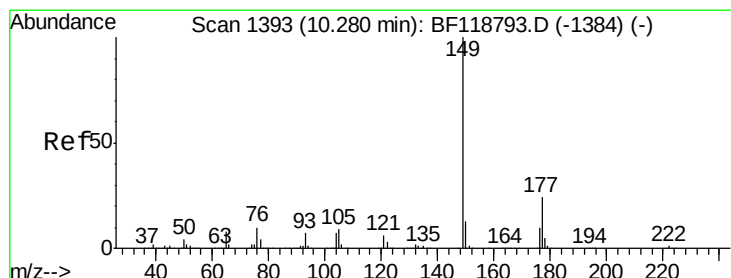
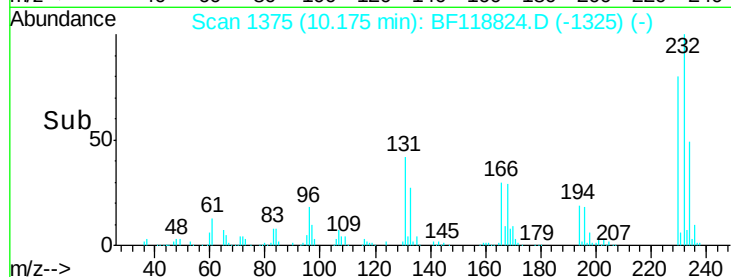
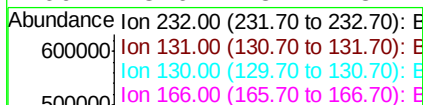
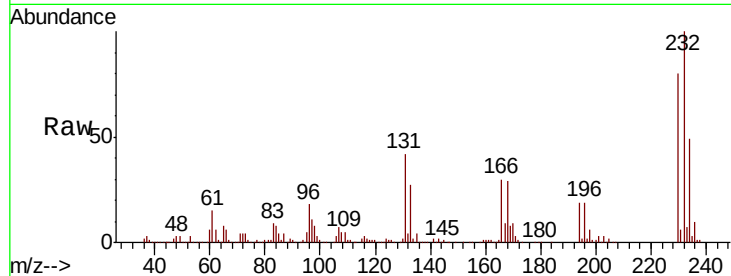




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.143 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. -0.01 min
 Lab File: BF118824.D
 Acq: 5 Feb 2020 12:17

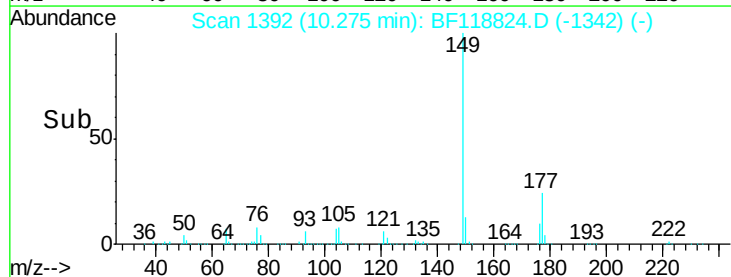
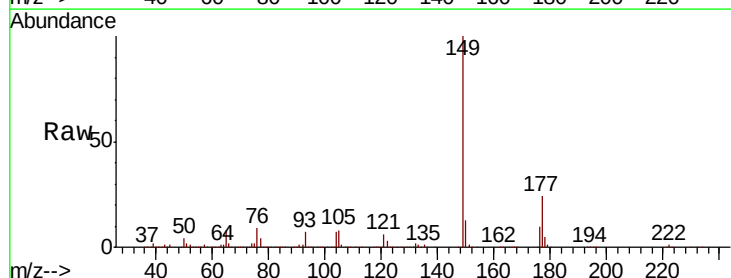
Instrument :
 BNA_F
 ClientSampleId :

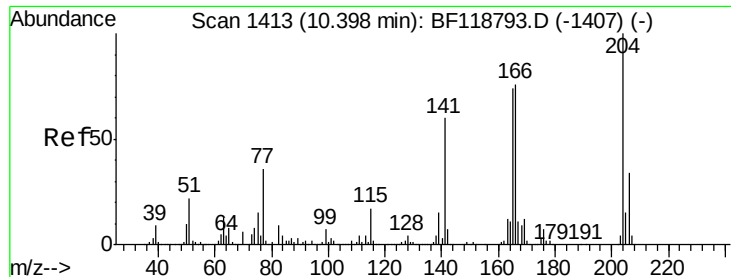
Tot Ion:	232	Resp:	363271
Ion	Ratio	Lower	Upper
232	100		
131	40.0	31.8	47.6
130	2.0	1.6	2.4
166	28.6	23.1	34.7



#60
 Diethylphthalate
 Concen: 39.483 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. -0.01 min
 Lab File: BF118824.D
 Acq: 5 Feb 2020 12:17

Tgt Ion:	149	Resp:	1281671
Ion	Ratio	Lower	Upper
149	100		
177	23.8	19.3	28.9
150	12.6	10.4	15.6

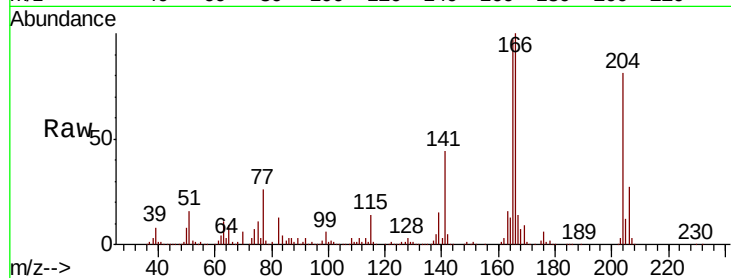




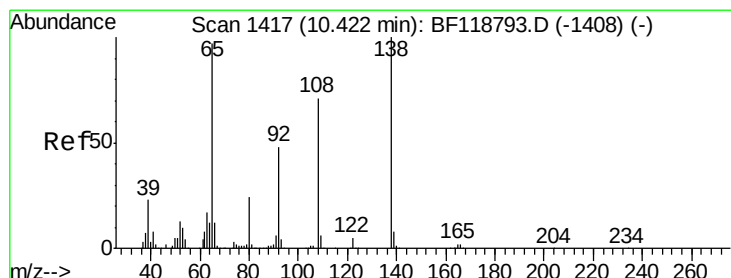
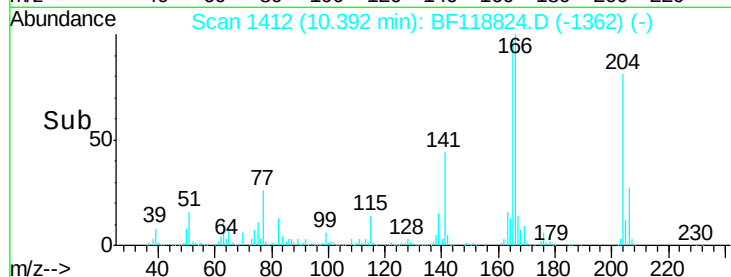
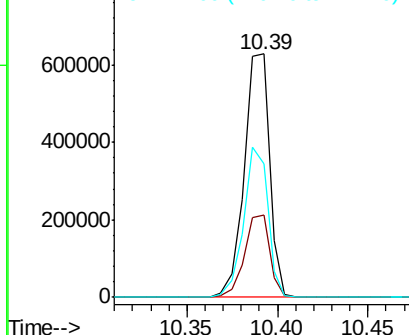
#61
4-Chlorophenyl-phenylether
Concen: 38.572 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BF118824.D
Acq: 5 Feb 2020 12:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 610102
Ion Ratio Lower Upper
204 100
206 33.8 27.4 41.2
141 54.8 47.8 71.6

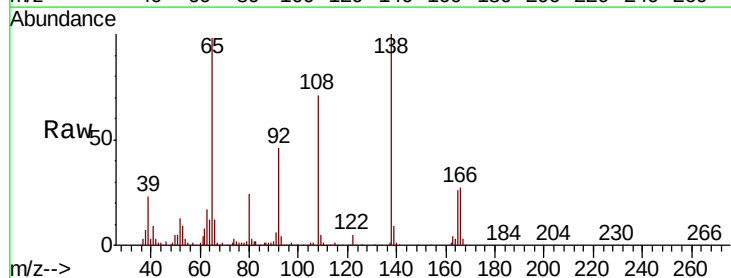


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

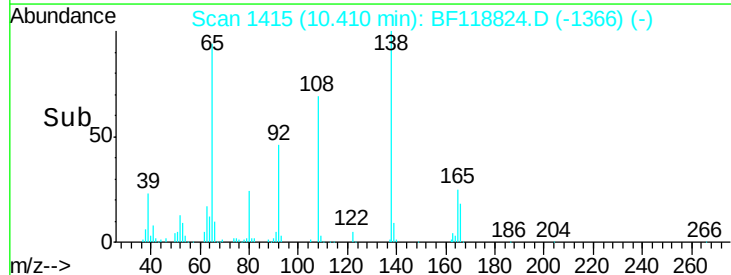
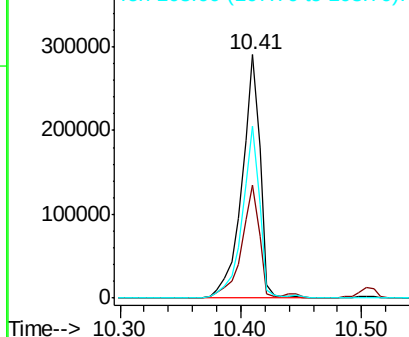


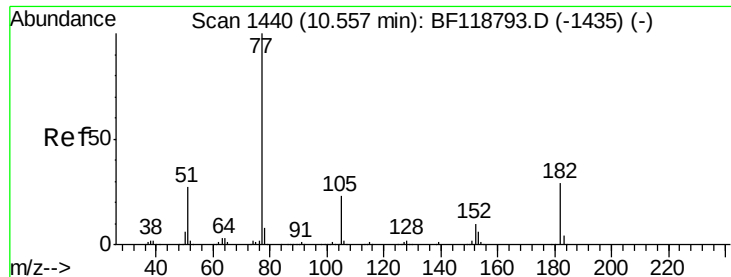
#62
4-Nitroaniline
Concen: 35.913 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF118824.D
Acq: 5 Feb 2020 12:17

Tgt Ion:138 Resp: 304660
Ion Ratio Lower Upper
138 100
92 46.4 27.6 67.6
108 70.6 51.3 91.3



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





#63

Azobenzene

Concen: 41.519 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF118824.D

Acq: 5 Feb 2020 12:17

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1150631

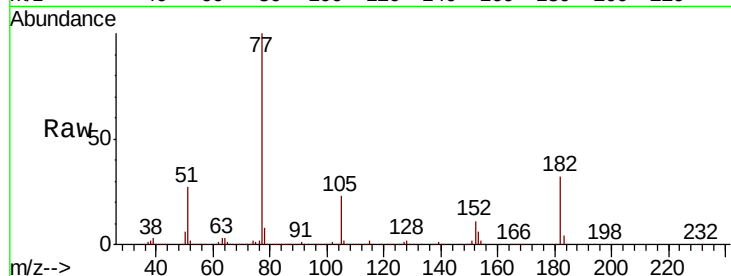
Ion	Ratio	Lower	Upper
77	100		
182	31.8	9.2	49.2
105	23.4	3.1	43.1
51	26.7	7.4	47.4

77 100

182 31.8 9.2 49.2

105 23.4 3.1 43.1

51 26.7 7.4 47.4

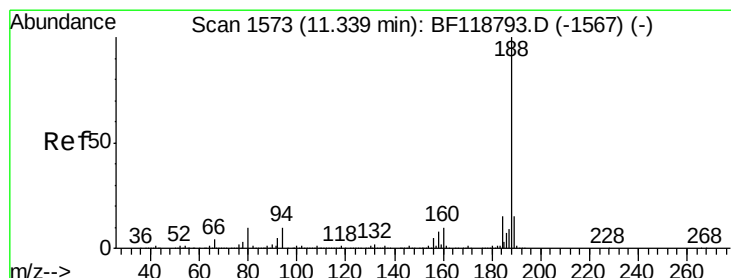
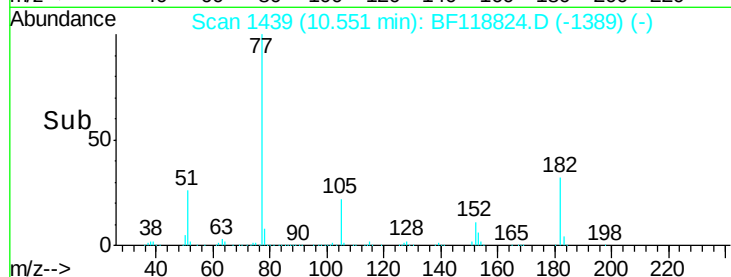
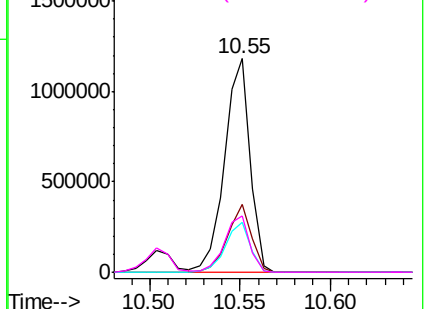


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BF118824.D

Acq: 5 Feb 2020 12:17

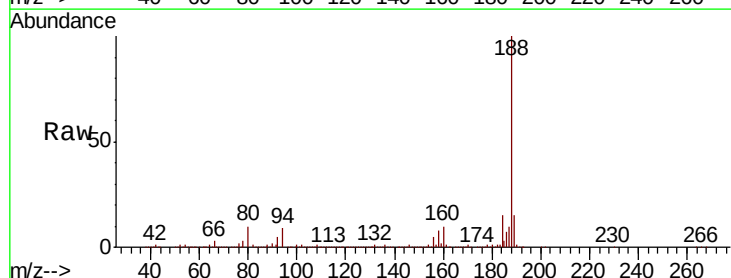
Tgt Ion: 188 Resp: 971129

Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.9	11.9
80	9.5	8.4	12.6

188 100

94 8.8 7.9 11.9

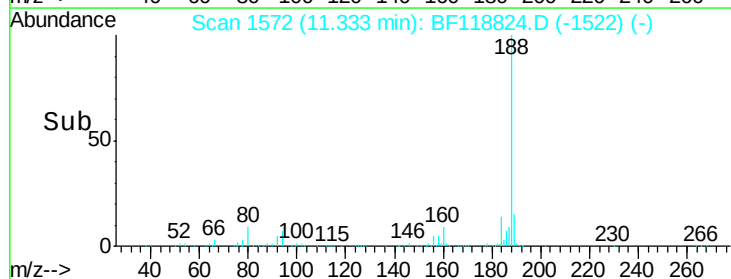
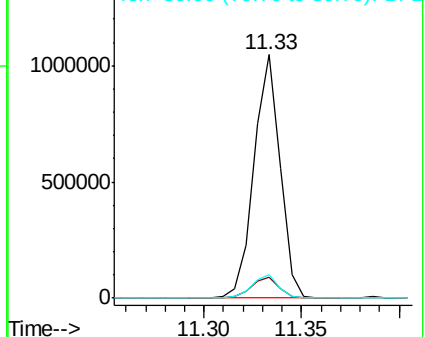
80 9.5 8.4 12.6

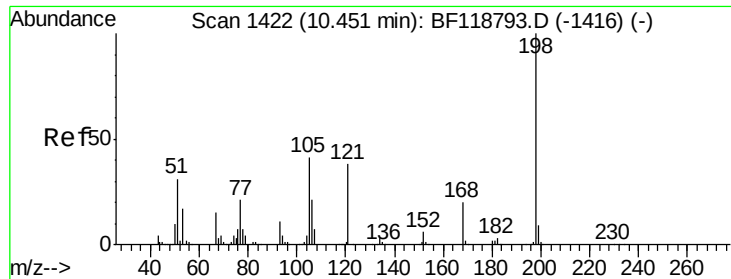


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

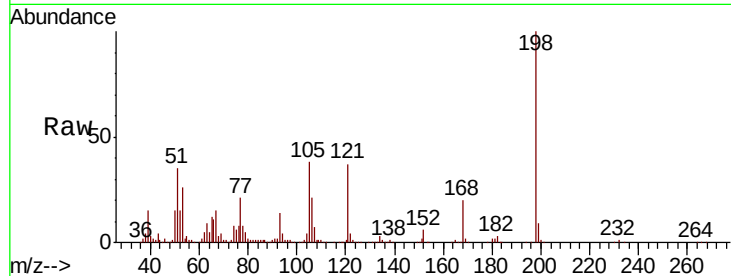




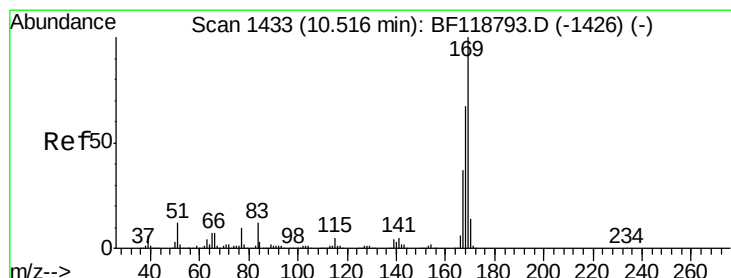
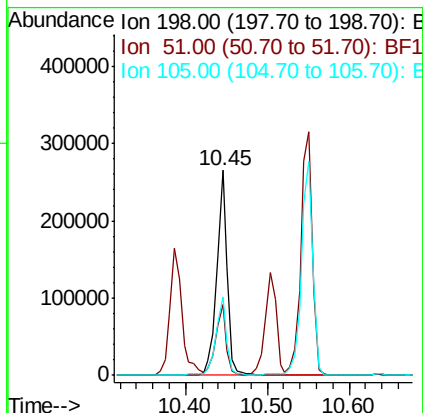
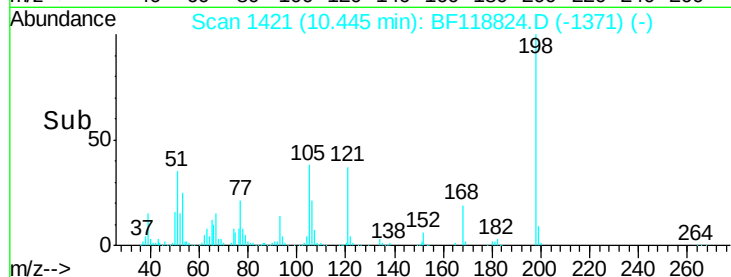
#65
4,6-Dinitro-2-methylphenol
Concen: 44.072 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF118824.D
Acq: 5 Feb 2020 12:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 240495
Ion Ratio Lower Upper
198 100
51 34.7 16.7 56.7
105 38.4 22.0 62.0

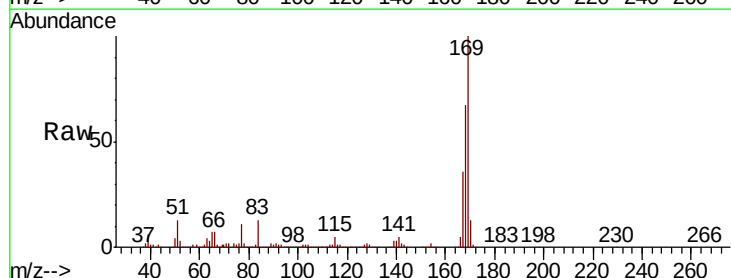


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

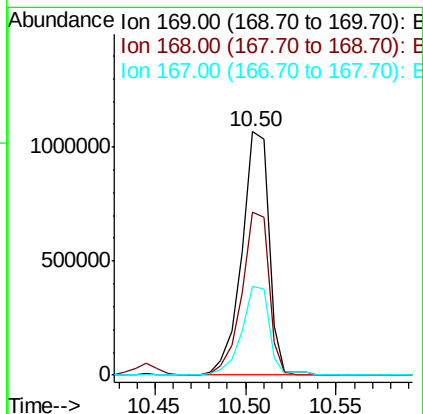
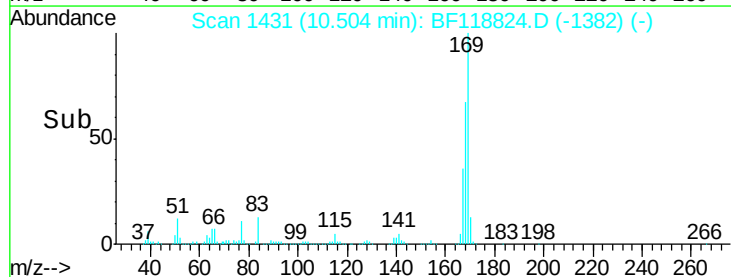


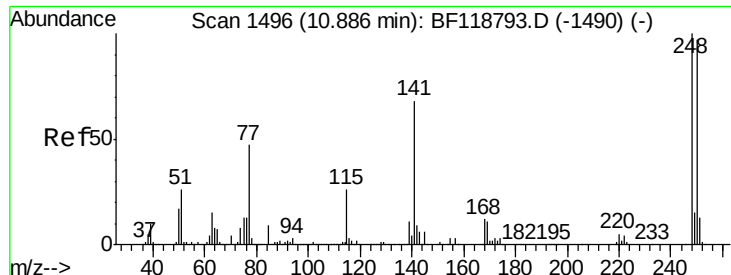
#66
n-Nitrosodiphenylamine
Concen: 39.286 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BF118824.D
Acq: 5 Feb 2020 12:17

Tgt Ion:169 Resp: 1105115
Ion Ratio Lower Upper
169 100
168 66.9 53.5 80.3
167 36.4 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

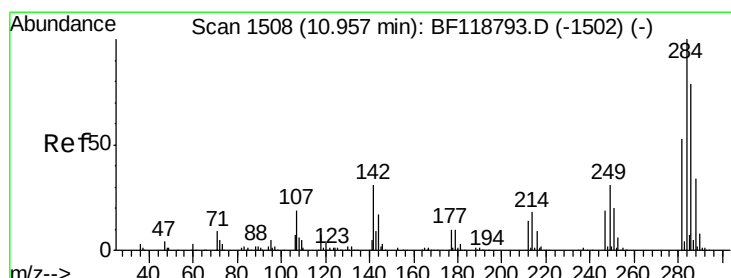
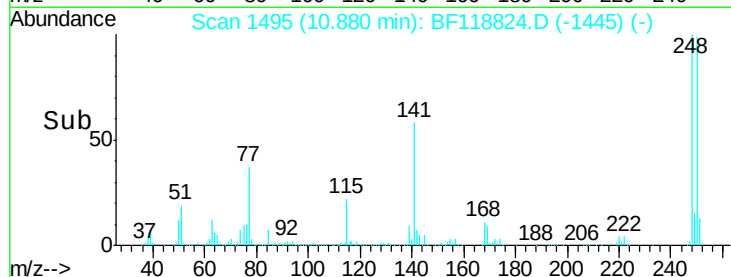
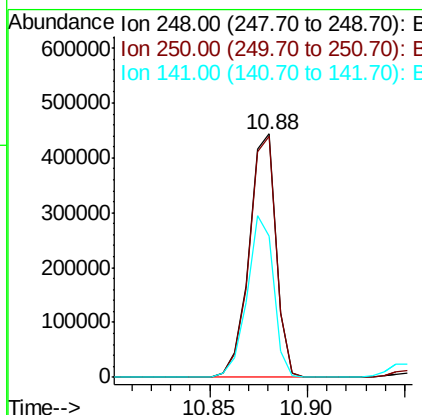
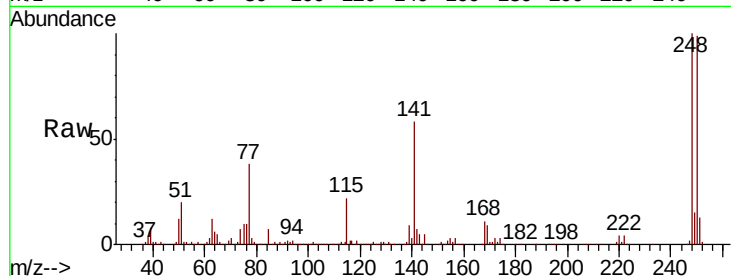




#67
4-Bromophenyl-phenylether
Concen: 37.151 ng
RT: 10.88 min Scan# 1495
Delta R.T. -0.01 min
Lab File: BF118824.D
Acq: 5 Feb 2020 12:17

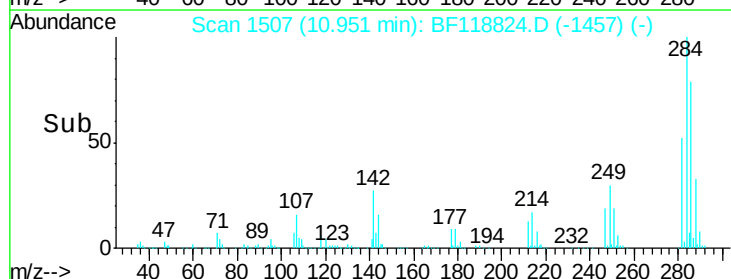
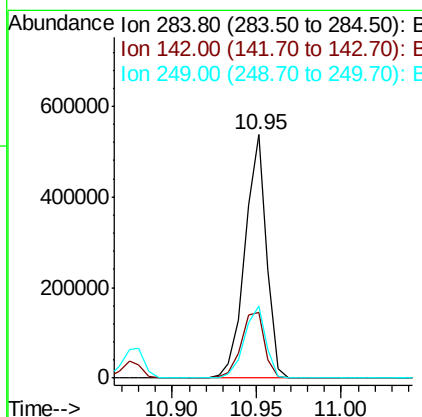
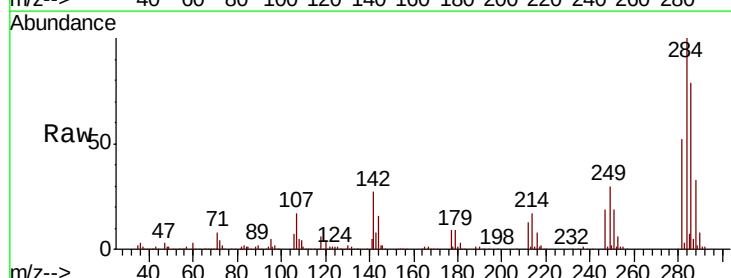
Instrument :
BNA_F
ClientSampled :

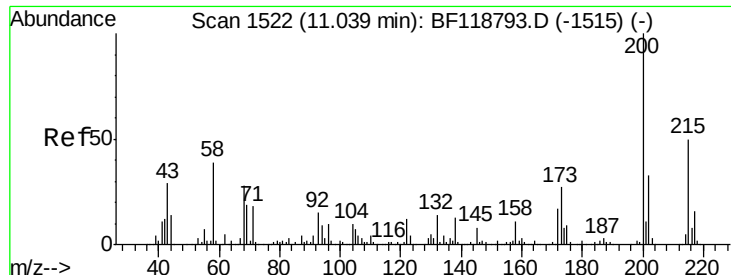
Tot Ion:248 Resp: 426790
Ion Ratio Lower Upper
248 100
250 98.8 77.6 116.4
141 57.9 54.4 81.6



#68
Hexachlorobenzene
Concen: 36.145 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF118824.D
Acq: 5 Feb 2020 12:17

Tgt Ion:284 Resp: 476279
Ion Ratio Lower Upper
284 100
142 26.9 24.5 36.7
249 29.5 24.7 37.1

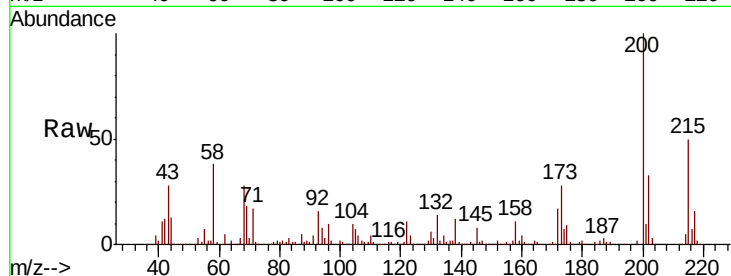




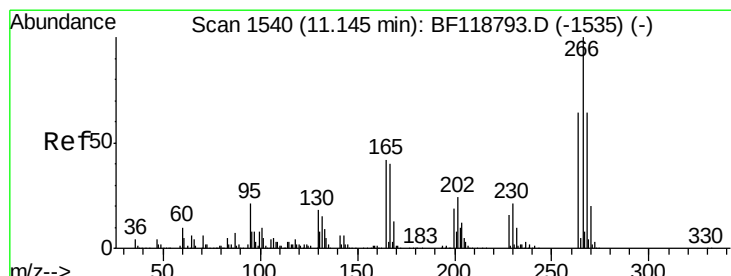
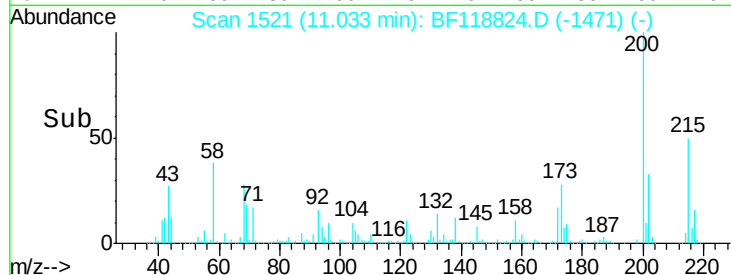
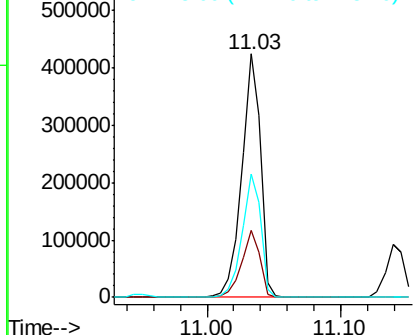
#69
 Atrazine
 Concen: 44.196 ng
 RT: 11.03 min Scan# 1521
 Delta R.T. -0.01 min
 Lab File: BF118824.D
 Acq: 5 Feb 2020 12:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:200 Resp: 414193
 Ion Ratio Lower Upper
 200 100
 173 27.6 7.5 47.5
 215 50.4 29.9 69.9

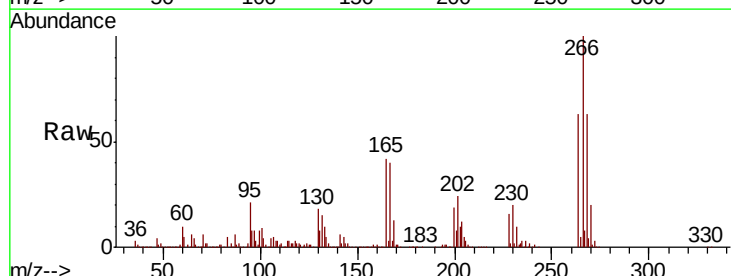


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

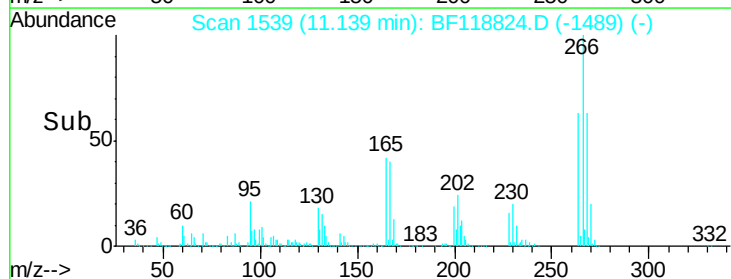
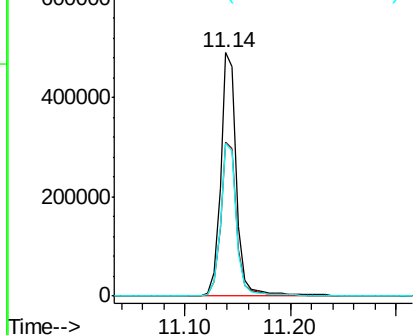


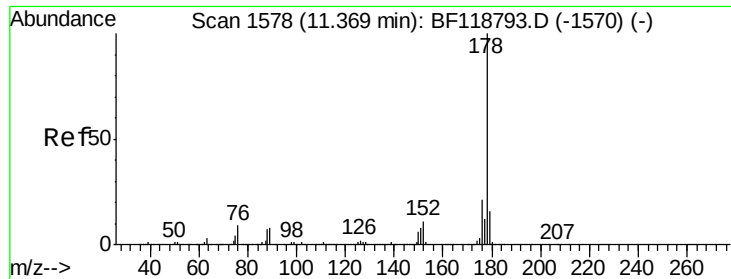
#70
 Pentachlorophenol
 Concen: 74.954 ng
 RT: 11.14 min Scan# 1539
 Delta R.T. -0.01 min
 Lab File: BF118824.D
 Acq: 5 Feb 2020 12:17

Tgt Ion:266 Resp: 521493
 Ion Ratio Lower Upper
 266 100
 268 63.1 51.0 76.6
 264 63.0 51.4 77.2



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

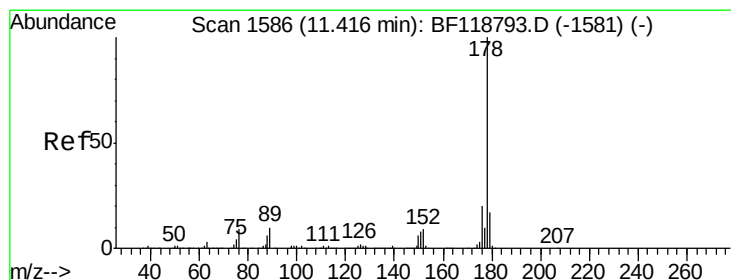
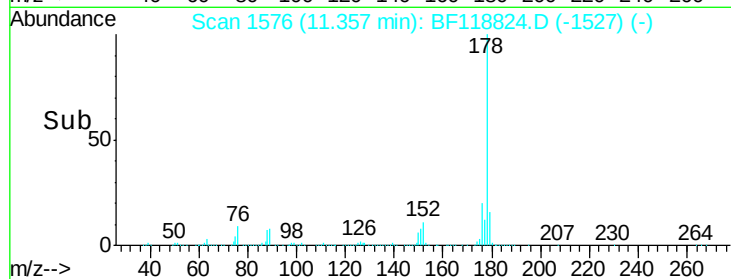
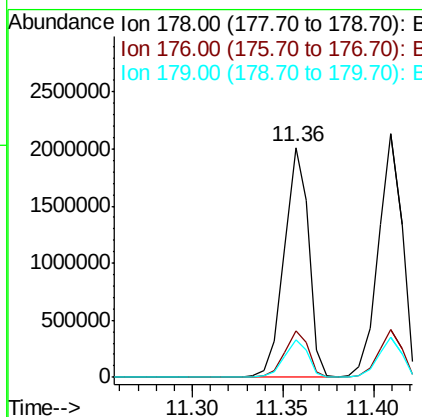
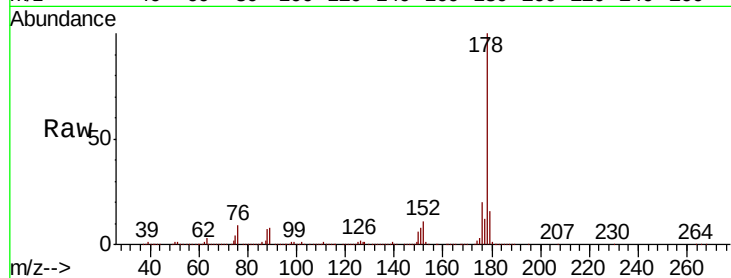




#71
Phenanthrene
Concen: 39.448 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF118824.D
Acq: 5 Feb 2020 12:17

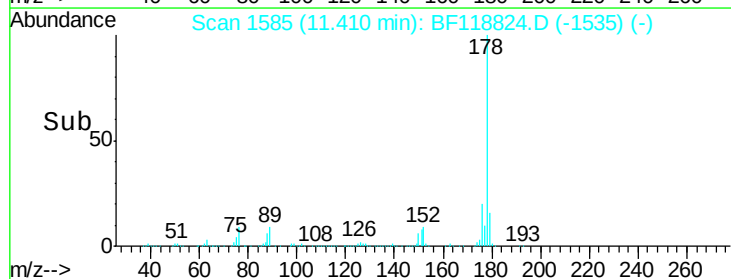
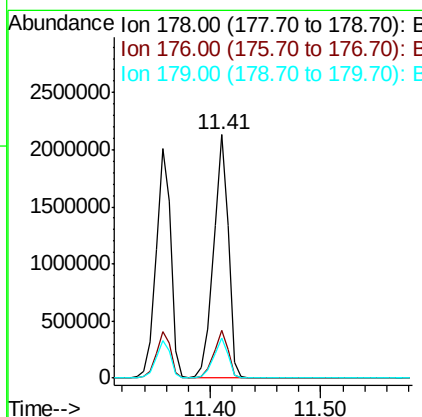
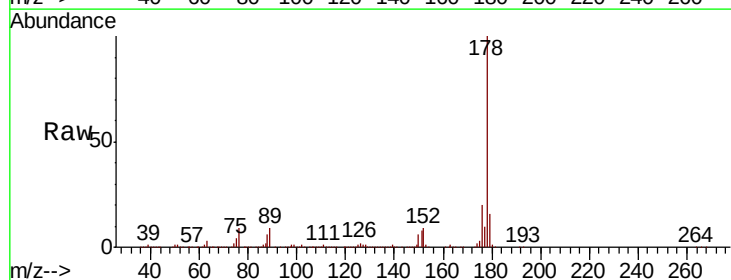
Instrument :
BNA_F
ClientSampleId :

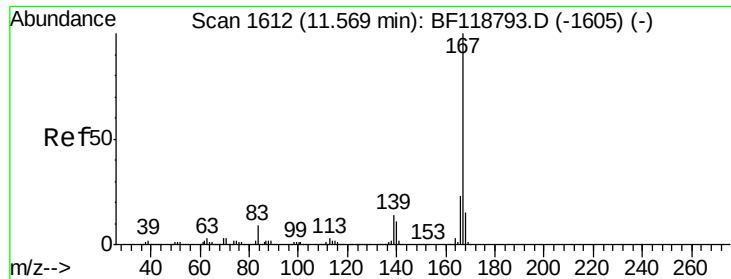
Tot Ion:178 Resp: 1884856
Ion Ratio Lower Upper
178 100
176 20.0 16.6 24.8
179 16.3 13.2 19.8



#72
Anthracene
Concen: 41.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF118824.D
Acq: 5 Feb 2020 12:17

Tgt Ion:178 Resp: 1948897
Ion Ratio Lower Upper
178 100
176 19.6 16.2 24.2
179 16.3 13.4 20.2



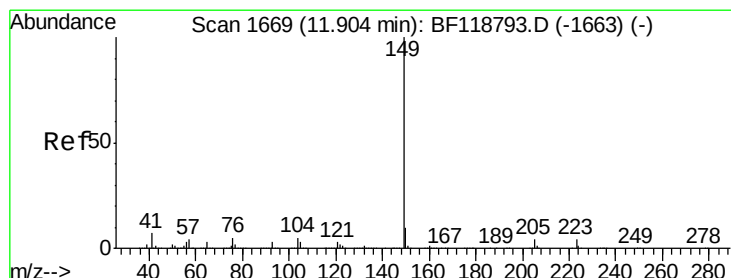
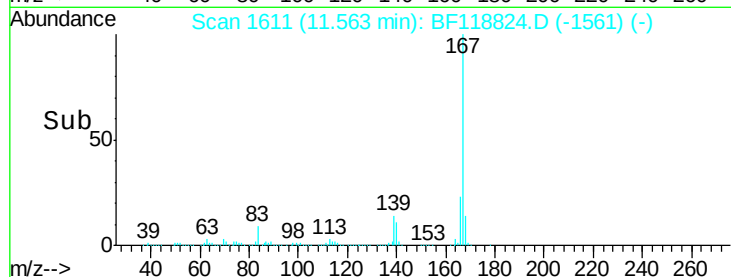
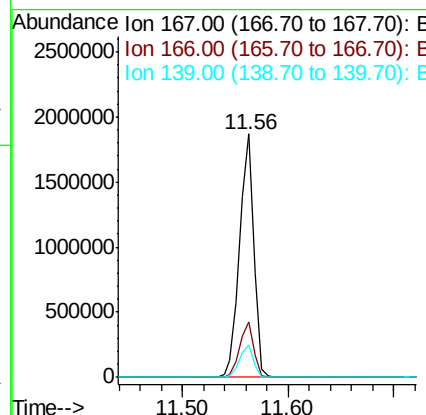
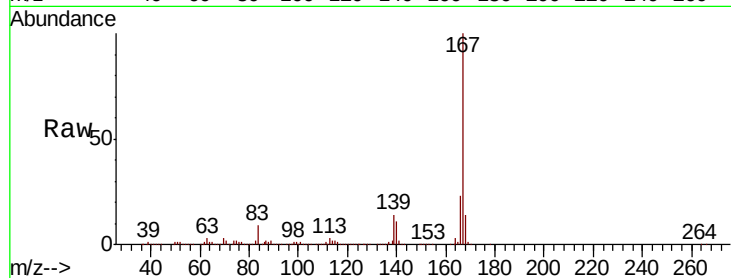


#73
 Carbazole
 Concen: 41.395 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. -0.01 min
 Lab File: BF118824.D
 Acq: 5 Feb 2020 12:17

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:167 Resp: 1726833

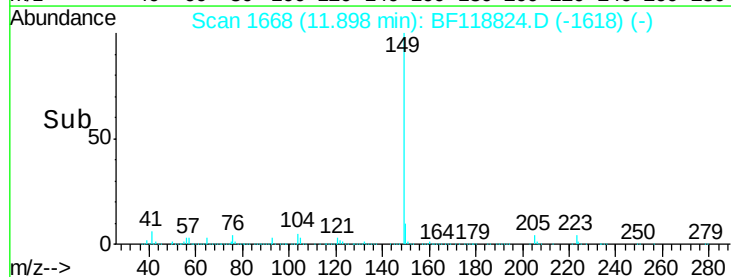
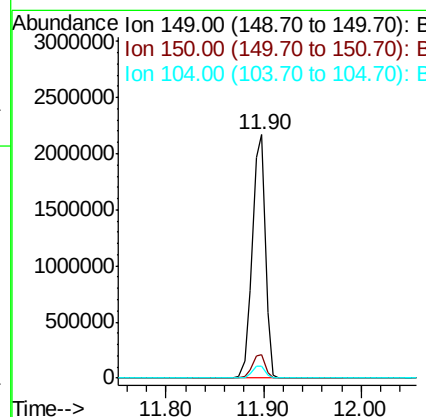
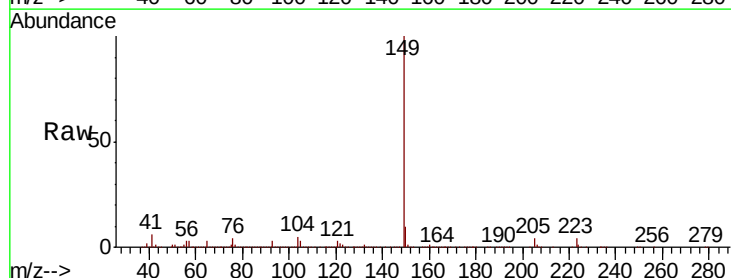
Ion	Ratio	Lower	Upper
167	100		
166	22.6	18.4	27.6
139	13.5	11.1	16.7

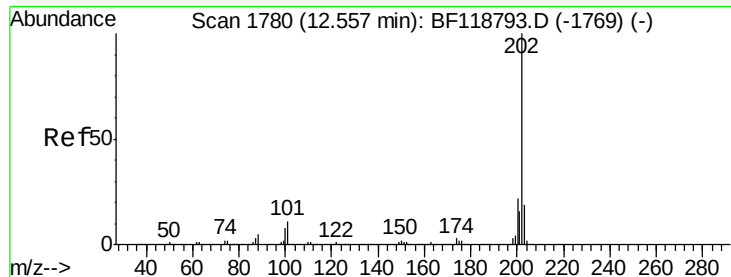


#74
 Di-n-butylphthalate
 Concen: 38.017 ng
 RT: 11.90 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BF118824.D
 Acq: 5 Feb 2020 12:17

Tgt Ion:149 Resp: 2020280

Ion	Ratio	Lower	Upper
149	100		
150	9.7	8.1	12.1
104	4.8	4.3	6.5





#75

Fluoranthene

Concen: 40.867 ng

RT: 12.55 min Scan# 1778

Delta R.T. -0.01 min

Lab File: BF118824.D

Acq: 5 Feb 2020 12:17

Instrument :

BNA_F

ClientSampleId :

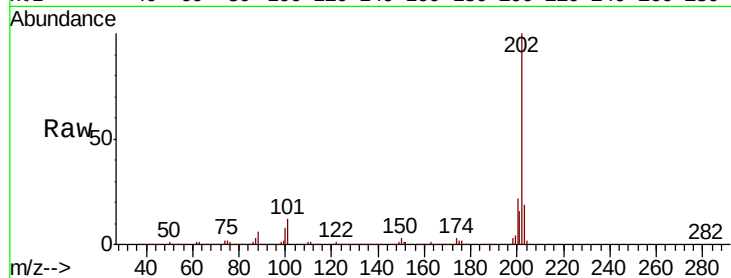
Tot Ion:202 Resp: 2131948

Ion Ratio Lower Upper

202 100

101 11.5 0.0 31.0

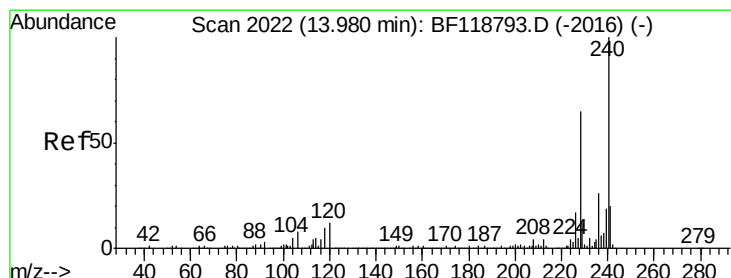
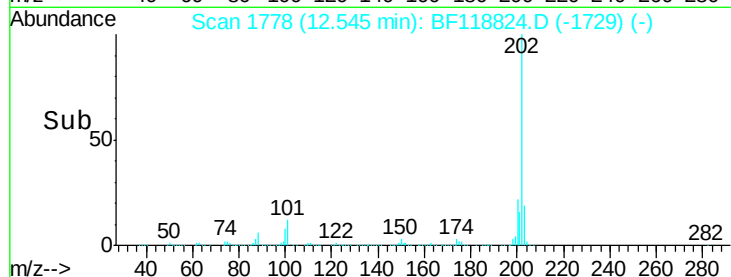
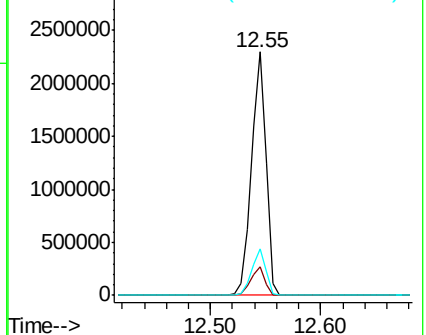
203 18.8 0.0 38.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BF118824.D

Acq: 5 Feb 2020 12:17

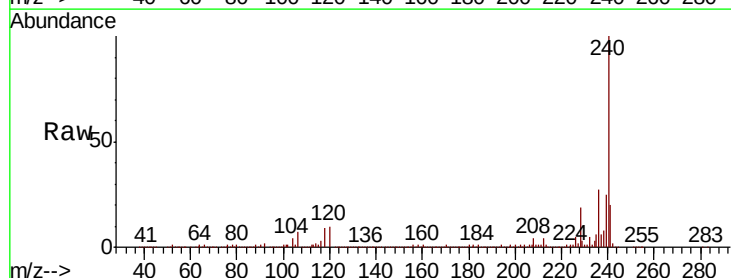
Tgt Ion:240 Resp: 857894

Ion Ratio Lower Upper

240 100

120 9.7 9.4 14.0

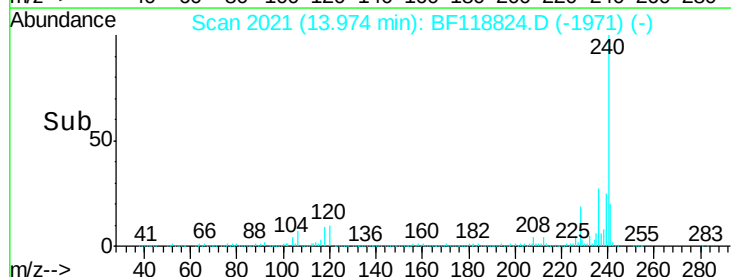
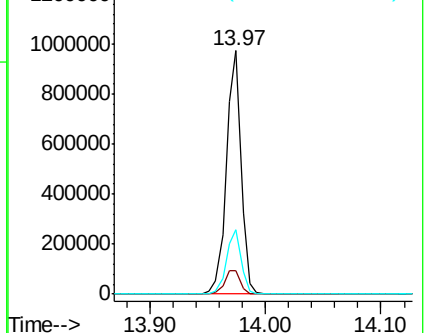
236 26.6 21.0 31.6

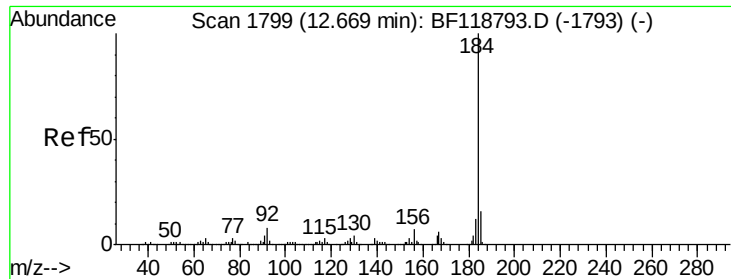


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 34.099 ng

RT: 12.66 min Scan# 1798

Delta R.T. -0.01 min

Lab File: BF118824.D

Acq: 5 Feb 2020 12:17

Instrument :

BNA_F

ClientSampleId :

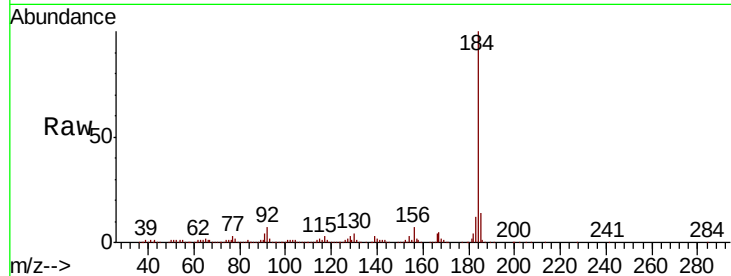
Tot Ion:184 Resp: 884797

Ion Ratio Lower Upper

184 100

185 14.4 12.5 18.7

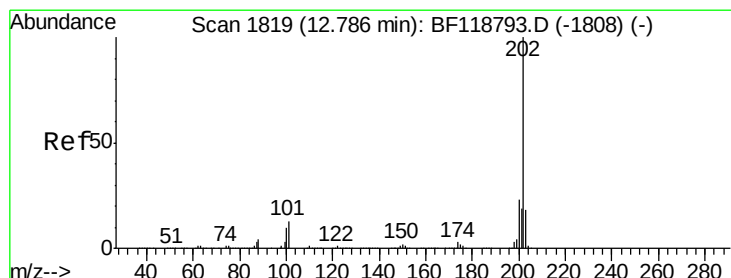
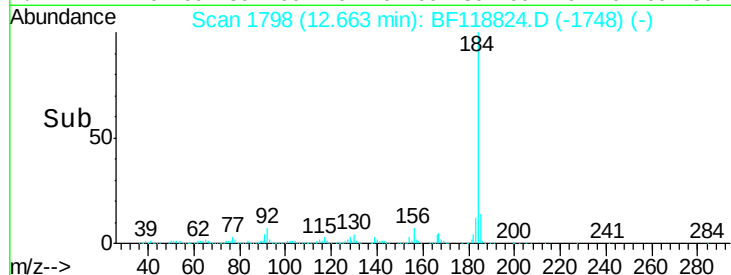
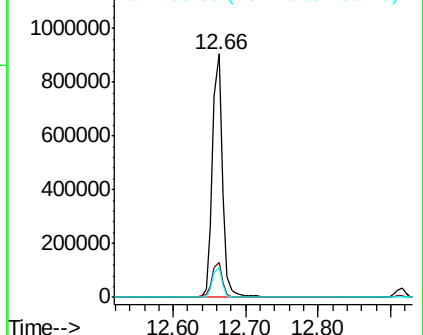
183 12.1 9.7 14.5



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: 36.899 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BF118824.D

Acq: 5 Feb 2020 12:17

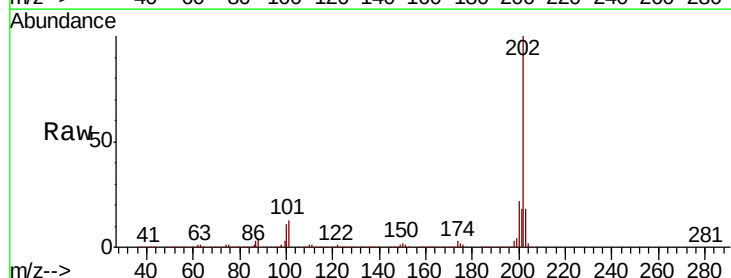
Tgt Ion:202 Resp: 2171670

Ion Ratio Lower Upper

202 100

200 22.1 18.2 27.2

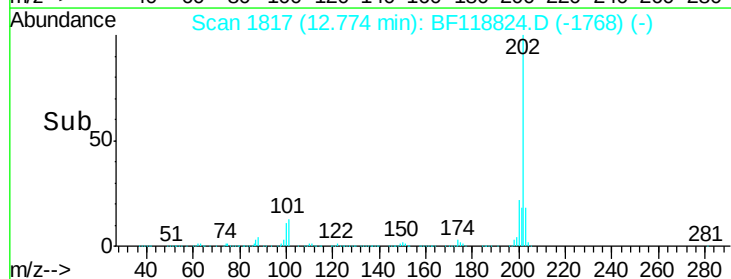
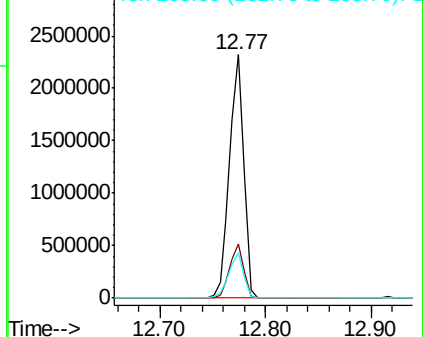
203 18.4 14.8 22.2

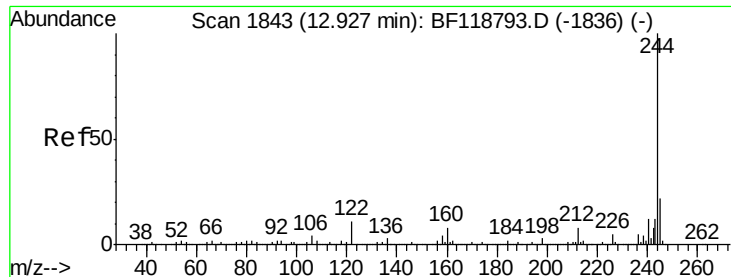


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 63.936 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.01 min

Lab File: BF118824.D

Acq: 5 Feb 2020 12:17

Instrument :

BNA_F

ClientSampleId :

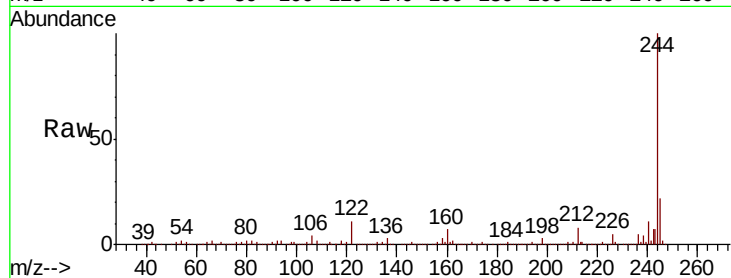
Tot Ion:244 Resp: 2670379

Ion Ratio Lower Upper

244 100

212 7.6 6.5 9.7

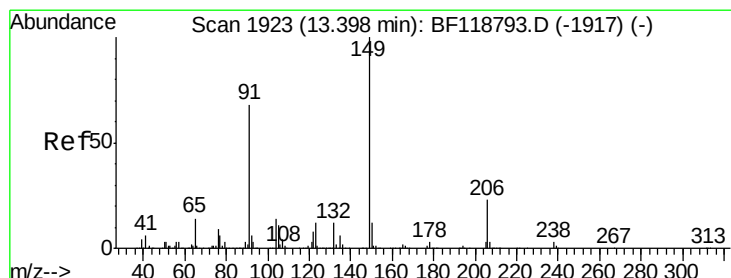
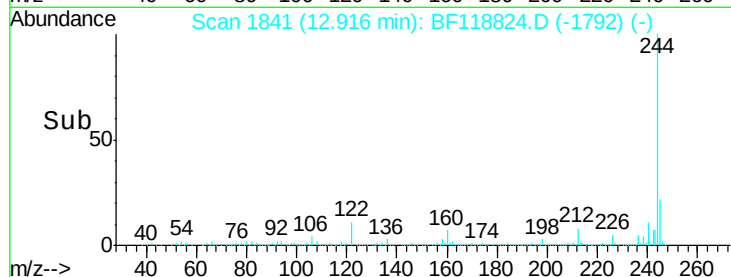
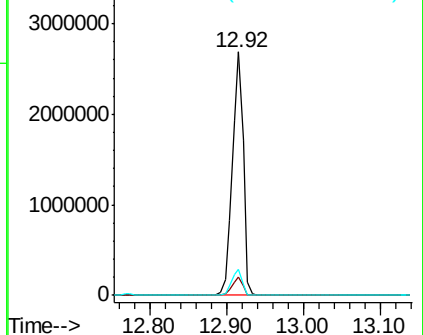
122 10.9 8.9 13.3



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 36.516 ng

RT: 13.39 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BF118824.D

Acq: 5 Feb 2020 12:17

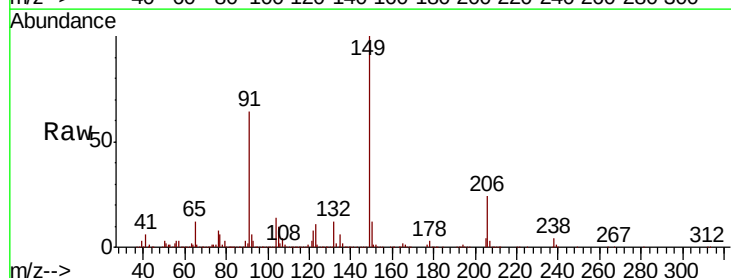
Tgt Ion:149 Resp: 980927

Ion Ratio Lower Upper

149 100

91 64.2 54.7 82.1

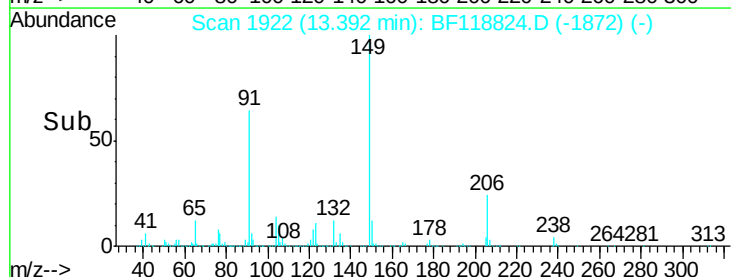
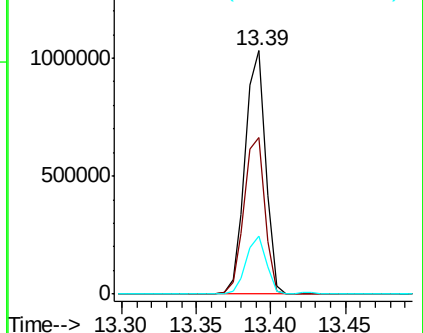
206 23.7 18.5 27.7

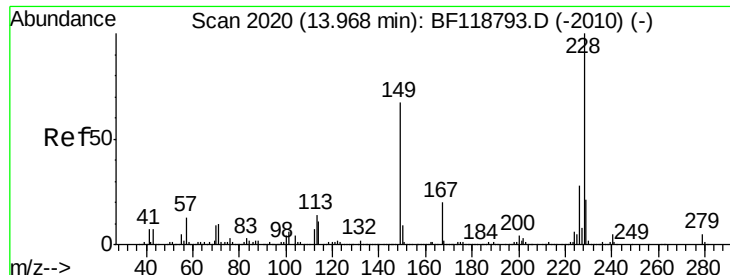


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.975 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF118824.D

Acq: 5 Feb 2020 12:17

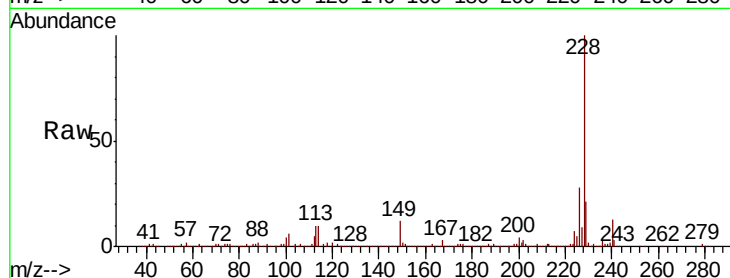
Instrument :

BNA_F

ClientSampled :

Tot Ion:228 Resp: 2040727

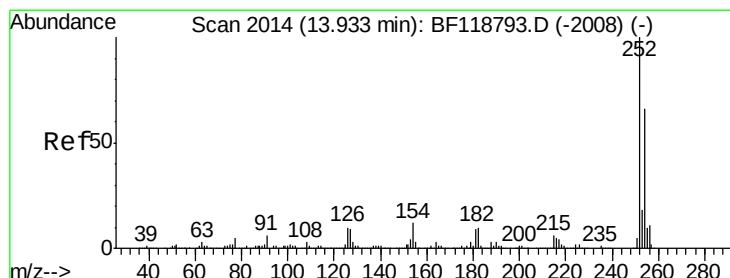
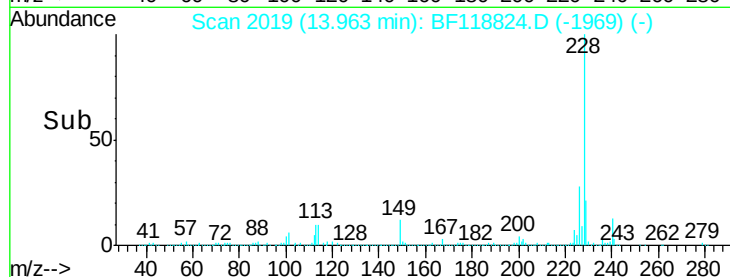
Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.7	34.1
229	20.8	16.6	25.0



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: 25.503 ng

RT: 13.92 min Scan# 2012

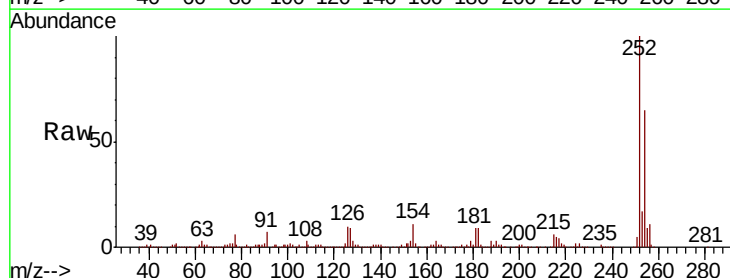
Delta R.T. -0.01 min

Lab File: BF118824.D

Acq: 5 Feb 2020 12:17

Tgt Ion:252 Resp: 532491

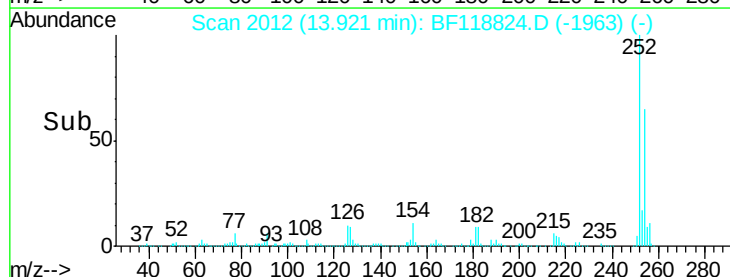
Ion	Ratio	Lower	Upper
252	100		
254	64.6	52.4	78.6
126	9.7	7.8	11.8

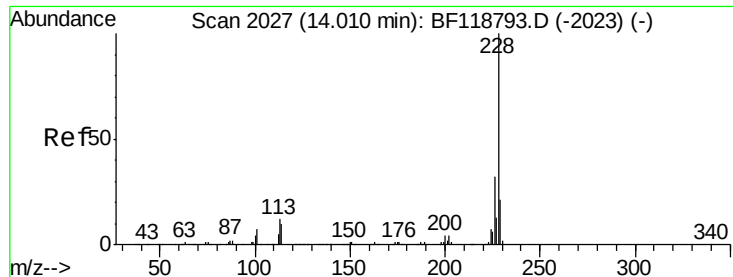


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

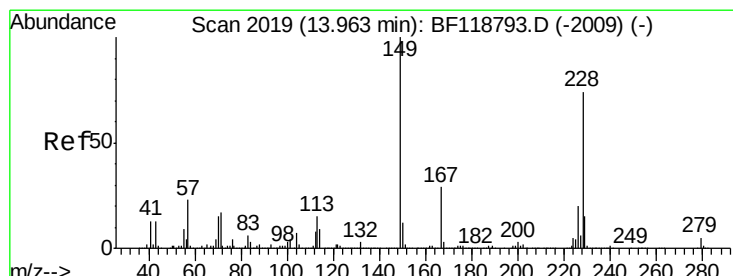
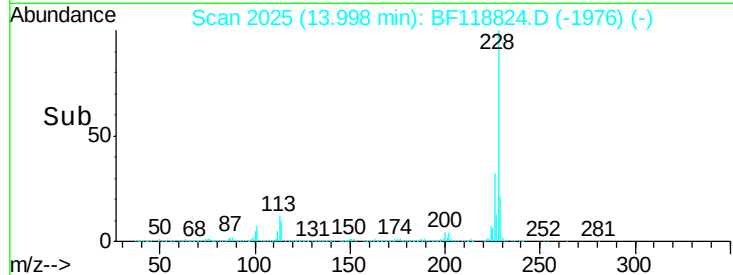
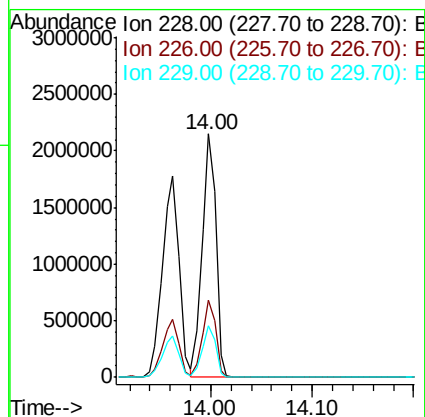
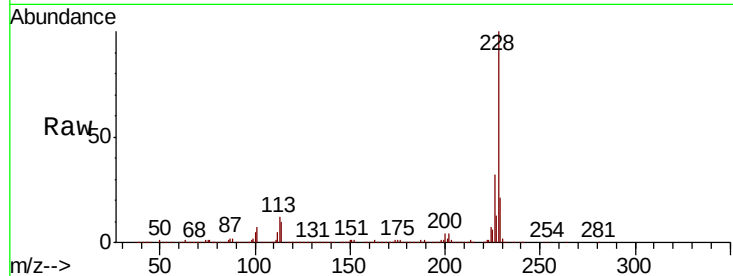




#83
 Chrvsene
 Concen: 39.658 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BF118824.D
 Acq: 5 Feb 2020 12:17

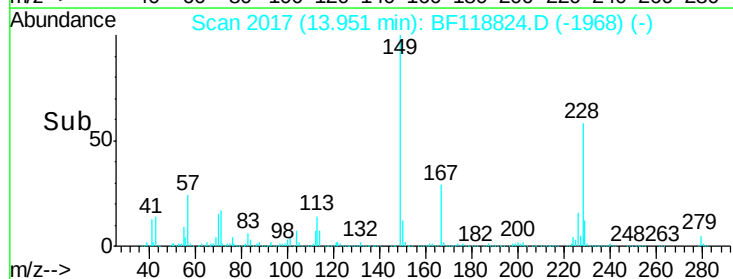
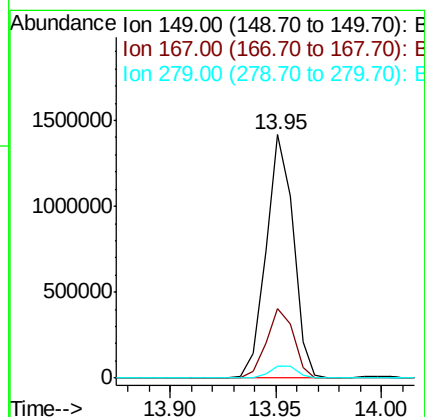
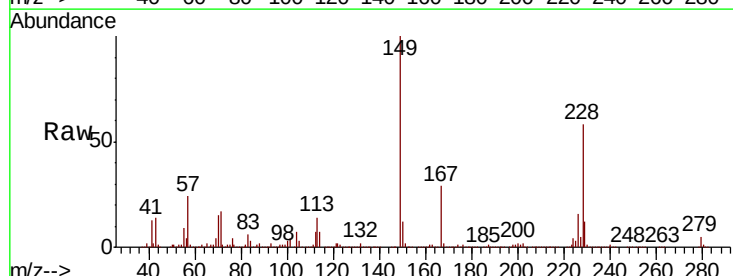
Instrument :
 BNA_F
 ClientSampled :

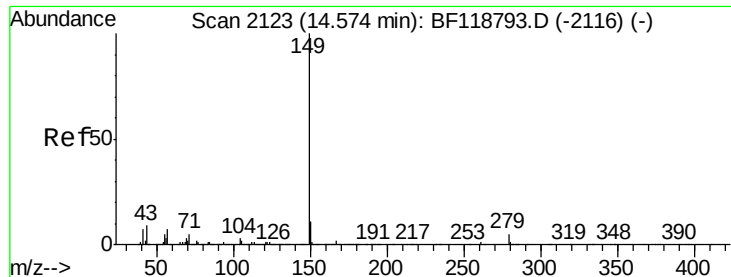
Tot Ion:228 Resp: 2031924
 Ion Ratio Lower Upper
 228 100
 226 31.7 25.4 38.0
 229 21.0 16.9 25.3



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 37.261 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. -0.01 min
 Lab File: BF118824.D
 Acq: 5 Feb 2020 12:17

Tgt Ion:149 Resp: 1269884
 Ion Ratio Lower Upper
 149 100
 167 28.6 23.0 34.6
 279 5.0 4.4 6.6

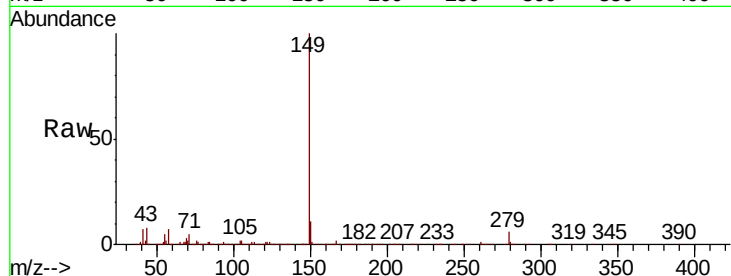




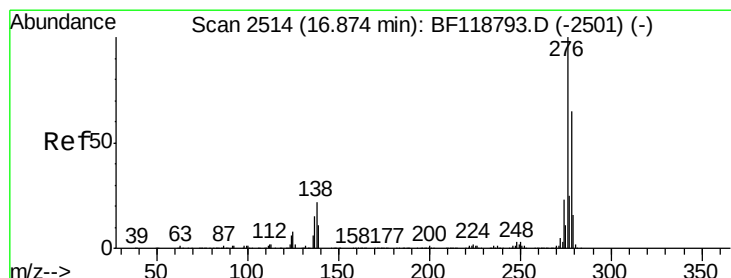
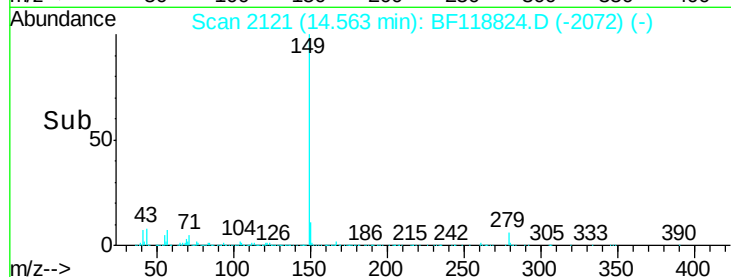
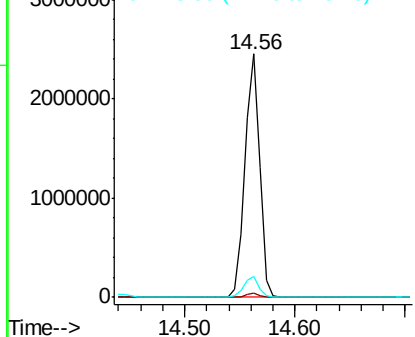
#85
Di-n-octyl phthalate
Concen: 39.392 ng
RT: 14.56 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BF118824.D
Acq: 5 Feb 2020 12:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 2299906
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 8.4 6.6 10.0

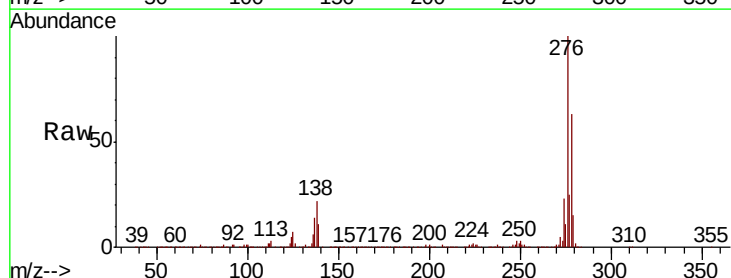


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

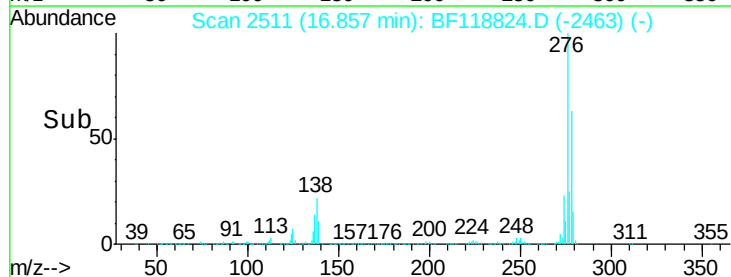
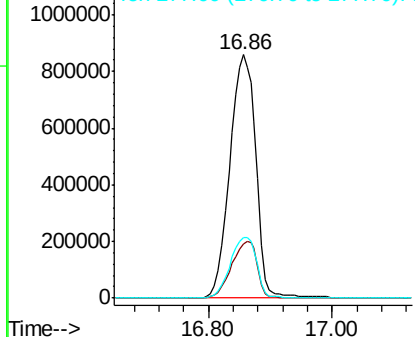


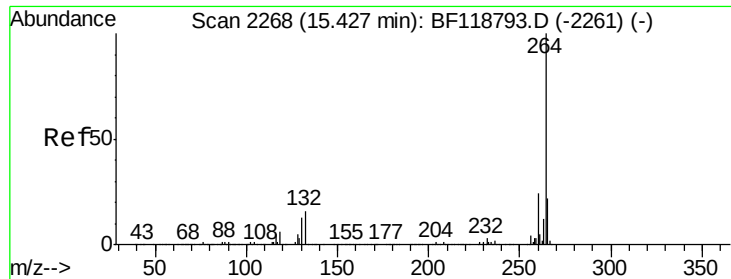
#86
Indeno(1,2,3-cd)pyrene
Concen: 49.020 ng
RT: 16.86 min Scan# 2511
Delta R.T. -0.02 min
Lab File: BF118824.D
Acq: 5 Feb 2020 12:17

Tgt Ion:276 Resp: 2523500
Ion Ratio Lower Upper
276 100
138 23.2 18.3 27.5
277 25.7 20.2 30.4



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.42 min Scan# 2266

Delta R.T. -0.01 min

Lab File: BF118824.D

Acq: 5 Feb 2020 12:17

Instrument :

BNA_F

ClientSampled :

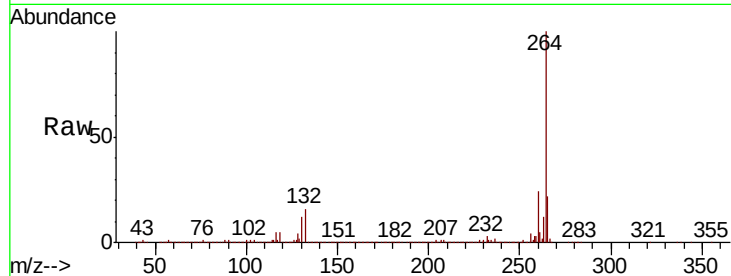
Tot Ion:264 Resp: 1038764

Ion Ratio Lower Upper

264 100

260 23.7 19.1 28.7

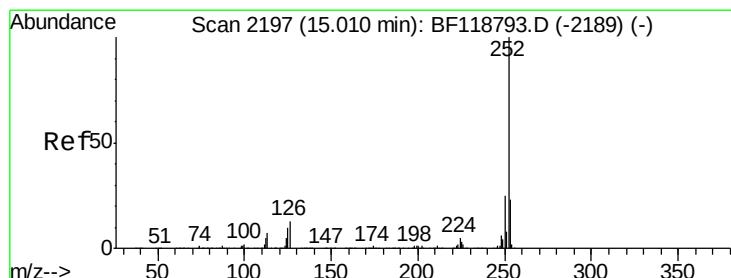
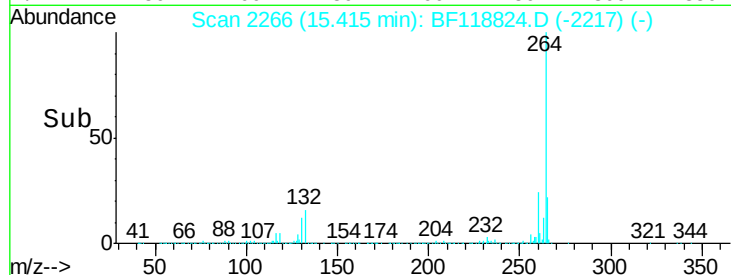
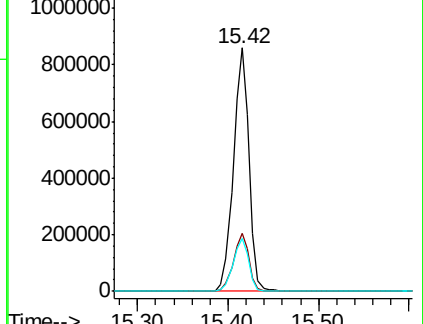
265 21.9 17.2 25.8



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: 38.403 ng

RT: 15.00 min Scan# 2195

Delta R.T. -0.01 min

Lab File: BF118824.D

Acq: 5 Feb 2020 12:17

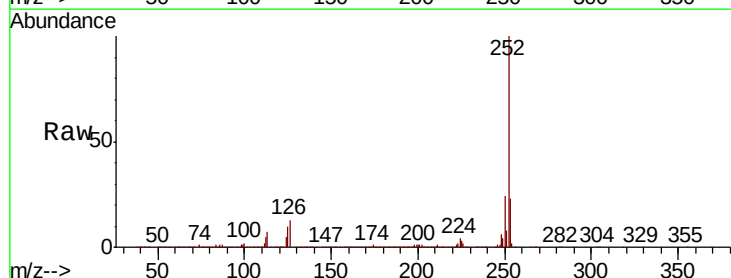
Tgt Ion:252 Resp: 2475323

Ion Ratio Lower Upper

252 100

253 23.0 18.4 27.6

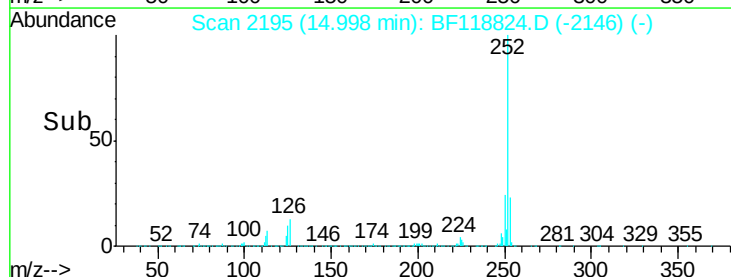
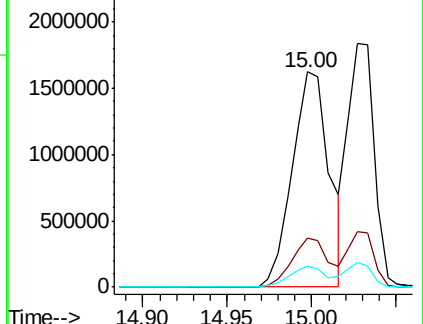
125 9.9 8.1 12.1

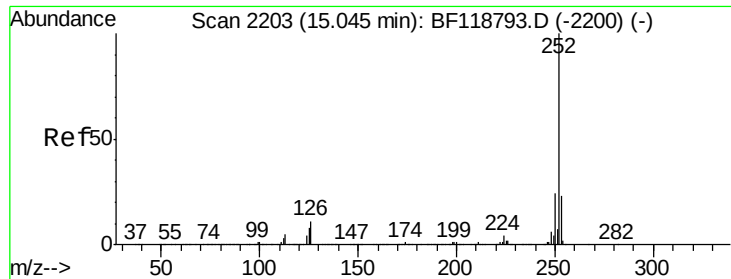


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

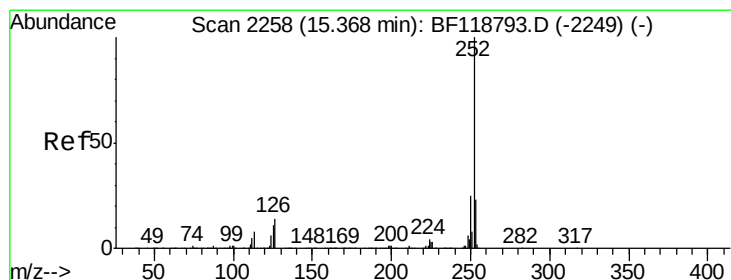
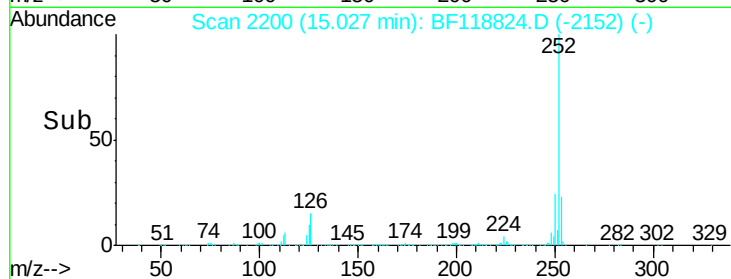
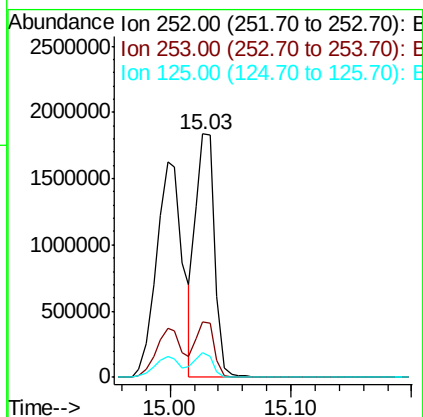
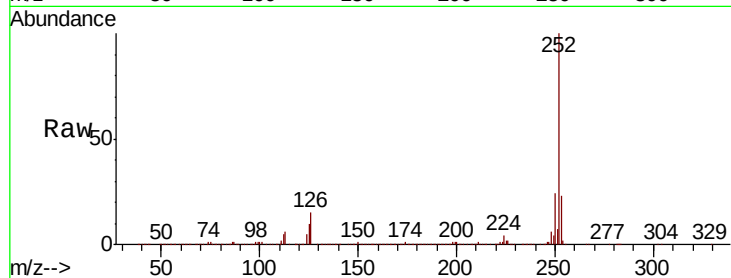




#89
Benzo(k)fluoranthene
Concen: 35.820 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.02 min
Lab File: BF118824.D
Acq: 5 Feb 2020 12:17

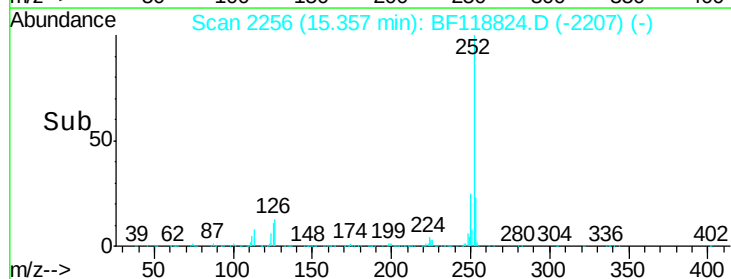
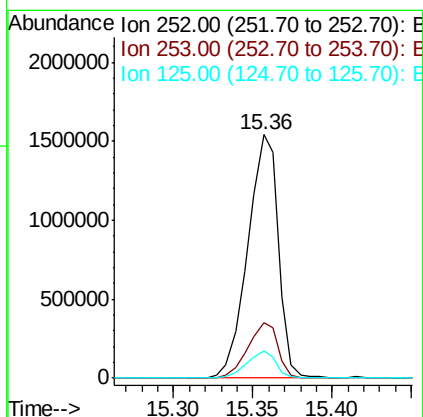
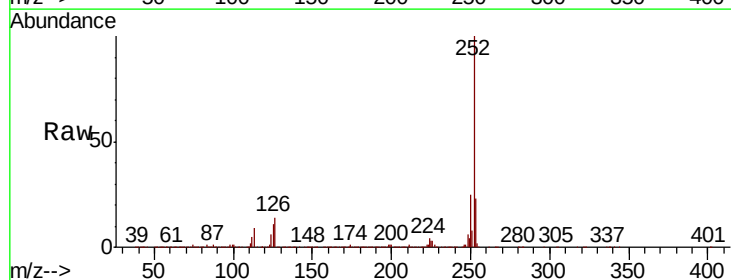
Instrument :
BNA_F
ClientSampleId :

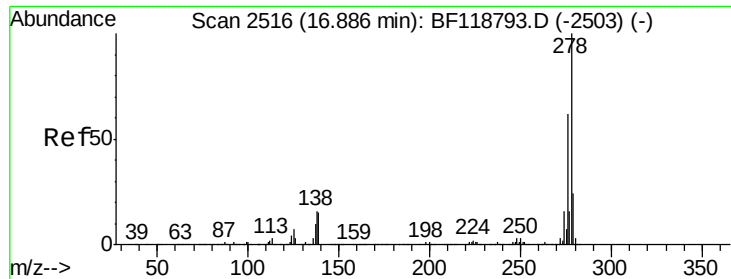
Tot Ion:252 Resp: 2010561
Ion Ratio Lower Upper
252 100
253 23.0 18.2 27.4
125 10.2 7.0 10.6



#90
Benzo(a)pyrene
Concen: 37.387 ng
RT: 15.36 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BF118824.D
Acq: 5 Feb 2020 12:17

Tgt Ion:252 Resp: 2062374
Ion Ratio Lower Upper
252 100
253 22.9 18.1 27.1
125 11.2 8.7 13.1

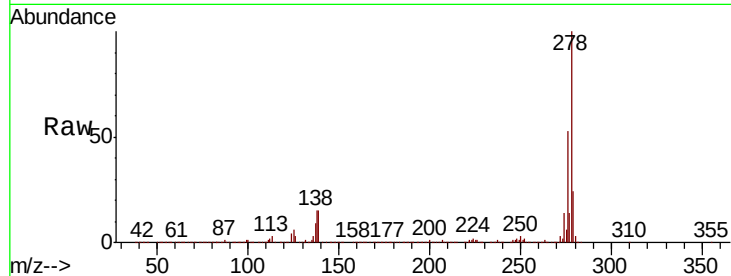




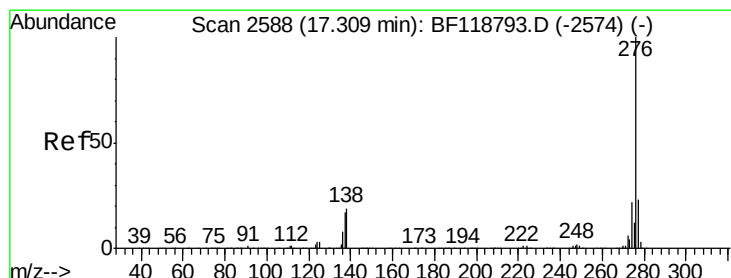
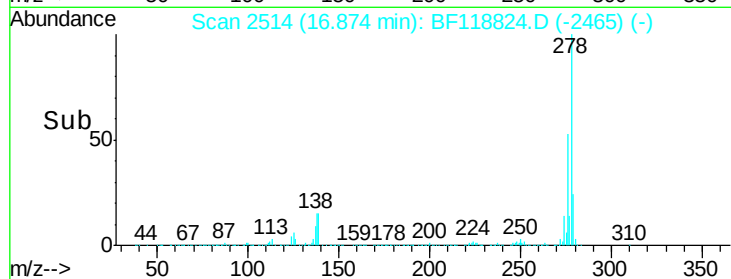
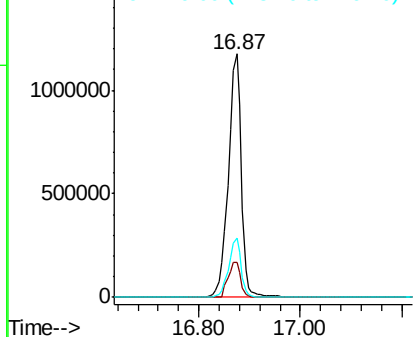
#91
Dibenzo(a,h)anthracene
Concen: 42.860 ng
RT: 16.87 min Scan# 2514
Delta R.T. -0.01 min
Lab File: BF118824.D
Acq: 5 Feb 2020 12:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 2098875
Ion Ratio Lower Upper
278 100
139 14.5 12.3 18.5
279 24.3 19.1 28.7

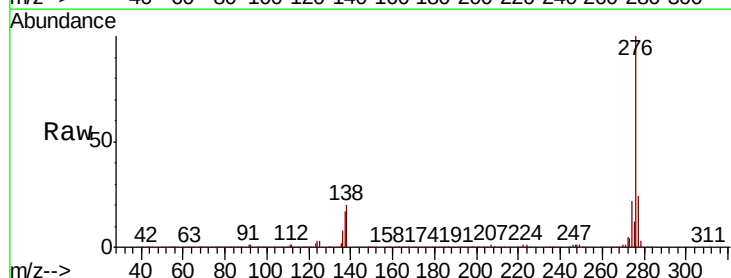


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 42.713 ng
RT: 17.29 min Scan# 2585
Delta R.T. -0.02 min
Lab File: BF118824.D
Acq: 5 Feb 2020 12:17

Tgt Ion:276 Resp: 2011572
Ion Ratio Lower Upper
276 100
277 23.7 18.7 28.1
138 19.9 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

