

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020320\
 Data File : BF118791.D
 Acq On : 3 Feb 2020 11:22
 Operator : CG/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 03 14:11:32 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 14:01:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	297490	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	1132241	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	647546	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	1235924	20.00	ng	0.00
76) Chrysene-d12	13.97	240	1070734	20.00	ng	0.00
87) Perylene-d12	15.43	264	1183680	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	370640	23.14	ng	0.00
7) Phenol-d6	6.44	99	464293	22.30	ng	-0.01
23) Nitrobenzene-d5	7.37	82	418067	20.65	ng	-0.01
42) 2,4,6-Tribromophenol	10.64	330	173475	23.16	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	965808	24.51	ng	0.00
79) Terphenyl-d14	12.92	244	1283908	26.15	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.56	88	78839	10.162	ng	98
3) Pyridine	3.31	79	217720	9.957	ng	95
4) n-Nitrosodimethylamine	3.22	42	75524	8.056	ng	92
6) Aniline	6.47	93	289632	10.565	ng	99
8) 2-Chlorophenol	6.60	128	203066	11.295	ng	97
9) Benzaldehyde	6.36	77	146555	11.575	ng	98
10) Phenol	6.45	94	257300	10.845	ng	92
11) bis(2-Chloroethyl)ether	6.55	93	190170	10.803	ng	97
12) 1,3-Dichlorobenzene	6.76	146	244118	11.601	ng	97
13) 1,4-Dichlorobenzene	6.83	146	242578	11.484	ng	98
14) 1,2-Dichlorobenzene	6.99	146	233386	11.753	ng	99
15) Benzyl Alcohol	6.95	79	173737	10.523	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	233556	9.526	ng	98
17) 2-Methylphenol	7.06	107	165783	11.070	ng	97
18) Hexachloroethane	7.33	117	83628	10.918	ng	96
19) n-Nitroso-di-n-propylamine	7.22	70	138865	9.878	ng	99
20) 3+4-Methylphenols	7.22	107	211794	11.583	ng	# 86
22) Acetophenone	7.22	105	288028	10.739	ng	# 97
24) Nitrobenzene	7.39	77	207721	10.022	ng	96
25) Isophorone	7.63	82	370698	10.040	ng	99
26) 2-Nitrophenol	7.71	139	101491	11.482	ng	98
27) 2,4-Dimethylphenol	7.75	122	146545	9.601	ng	97
28) bis(2-Chloroethoxy)methane	7.85	93	247127	10.388	ng	98
29) 2,4-Dichlorophenol	7.95	162	177788	10.537	ng	98
30) 1,2,4-Trichlorobenzene	8.04	180	215004	10.990	ng	99
31) Naphthalene	8.12	128	613563	11.996	ng	98
32) Benzoic acid	7.83	122	93698	8.180	ng	97
33) 4-Chloroaniline	8.16	127	258239	10.924	ng	98
34) Hexachlorobutadiene	8.25	225	129772	10.893	ng	99
35) Caprolactam	8.50	113	56382	10.211	ng	97
36) 4-Chloro-3-methylphenol	8.64	107	180646	10.842	ng	95
37) 2-Methylnaphthalene	8.81	142	422691	11.708	ng	98
38) 1-Methylnaphthalene	8.91	142	392308	11.438	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	228511	11.278	ng	99

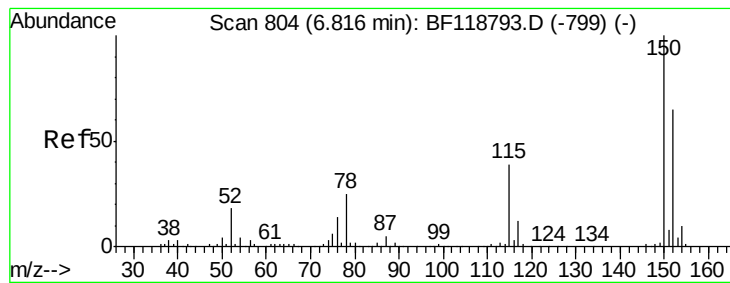
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020320\
 Data File : BF118791.D
 Acq On : 3 Feb 2020 11:22
 Operator : CG/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 03 14:11:32 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 14:01:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	56495	5.527	ng	99
43) 2,4,6-Trichlorophenol	9.09	196	139034	10.341	ng	99
44) 2,4,5-Trichlorophenol	9.13	196	144394	10.516	ng	98
46) 1,1'-Biphenyl	9.27	154	539099	12.080	ng	97
47) 2-Chloronaphthalene	9.30	162	434746	11.557	ng	96
48) 2-Nitroaniline	9.39	65	113538	9.819	ng	90
49) Acenaphthylene	9.72	152	639356	12.082	ng	98
50) Dimethylphthalate	9.57	163	502577	11.913	ng	99
51) 2,6-Dinitrotoluene	9.63	165	106732	11.298	ng	95
52) Acenaphthene	9.89	154	412256	11.650	ng	99
53) 3-Nitroaniline	9.80	138	119945	11.119	ng	100
54) 2,4-Dinitrophenol	9.90	184	35420	9.391	ng	90
55) Dibenzofuran	10.06	168	607387	12.386	ng	95
56) 4-Nitrophenol	9.95	139	83340	10.234	ng	96
57) 2,4-Dinitrotoluene	10.03	165	142085	11.930	ng	96
58) Fluorene	10.40	166	467526	12.144	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.17	232	125761	10.413	ng	99
60) Diethylphthalate	10.27	149	500152	12.227	ng	99
61) 4-Chlorophenyl-phenylether	10.39	204	250987	11.987	ng	96
62) 4-Nitroaniline	10.40	138	120798	10.917	ng	95
63) Azobenzene	10.55	77	424766	10.722	ng	99
65) 4,6-Dinitro-2-methylphenol	10.44	198	61302	11.280	ng	98
66) n-Nitrosodiphenylamine	10.50	169	418902	11.239	ng	99
67) 4-Bromophenyl-phenylether	10.88	248	165785	10.857	ng	99
68) Hexachlorobenzene	10.95	284	191987	11.090	ng	98
69) Atrazine	11.03	200	141897	10.984	ng	98
70) Pentachlorophenol	11.15	266	86444	8.981	ng	100
71) Phenanthrene	11.36	178	723073	12.127	ng	97
72) Anthracene	11.41	178	726480	12.313	ng	97
73) Carbazole	11.56	167	642910	11.880	ng	98
74) Di-n-butylphthalate	11.90	149	797326	13.261	ng	98
75) Fluoranthene	12.55	202	800474	12.728	ng	97
77) Benzidine	12.66	184	368436	12.878	ng	99
78) Pyrene	12.77	202	813756	11.194	ng	98
80) Butylbenzylphthalate	13.40	149	340439	11.443	ng	94
81) Benzo(a)anthracene	13.96	228	751695	11.670	ng	98
82) 3,3'-Dichlorobenzidine	13.92	252	297472	12.961	ng	97
83) Chrysene	14.00	228	736397	11.929	ng	96
84) Bis(2-ethylhexyl)phthalate	13.96	149	472838	13.009	ng	99
85) Di-n-octyl phthalate	14.57	149	810590	15.067	ng	99
86) Indeno(1,2,3-cd)pyrene	16.86	276	772387	14.400	ng	100
88) Benzo(b)fluoranthene	15.00	252	760636	10.223	ng	98
89) Benzo(k)fluoranthene	15.03	252	745840	10.820	ng	99
90) Benzo(a)pyrene	15.36	252	689295	10.740	ng	99
91) Dibenzo(a,h)anthracene	16.87	278	637525	11.229	ng	98
92) Benzo(g,h,i)perylene	17.29	276	599506	10.876	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.82 min Scan# 804

Delta R.T. -0.00 min

Lab File: BF118791.D

Acq: 3 Feb 2020 11:22

Instrument :

BNA_F

ClientSampleId :

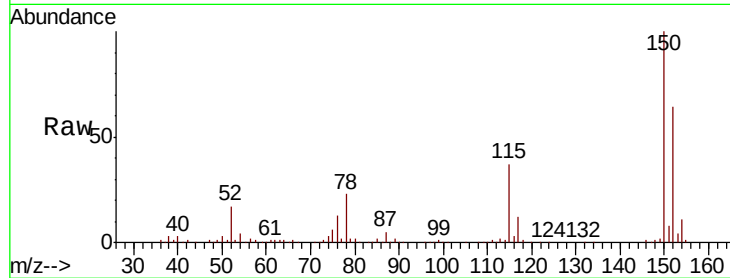
Tot Ion:152 Resp: 297490

Ion Ratio Lower Upper

152 100

150 155.3 123.6 185.4

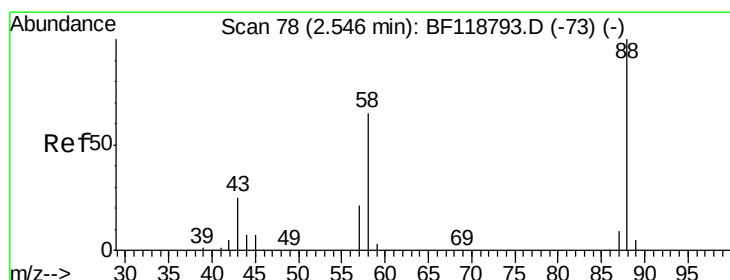
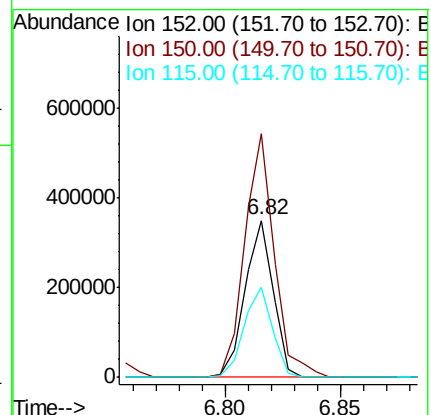
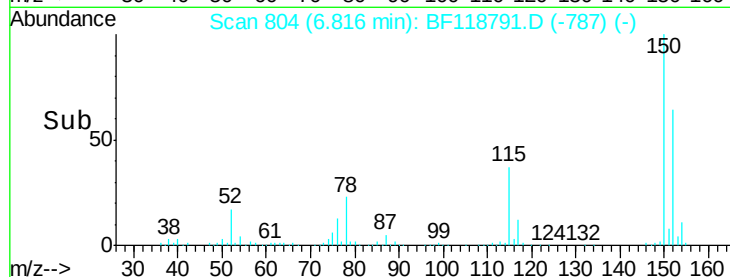
115 57.8 48.2 72.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 10.162 ng

RT: 2.56 min Scan# 80

Delta R.T. 0.01 min

Lab File: BF118791.D

Acq: 3 Feb 2020 11:22

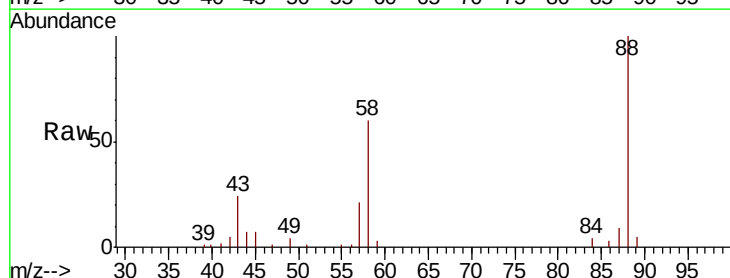
Tgt Ion: 88 Resp: 78839

Ion Ratio Lower Upper

88 100

58 62.1 51.6 77.4

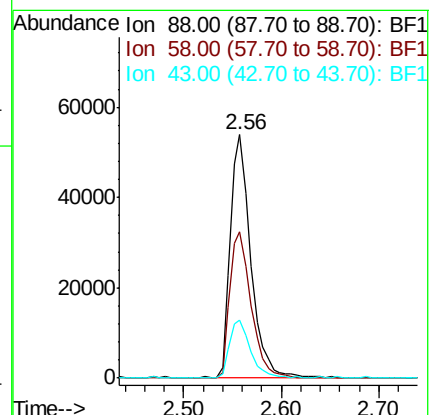
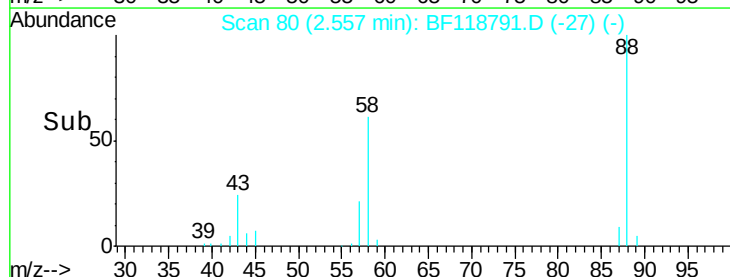
43 24.5 19.8 29.6

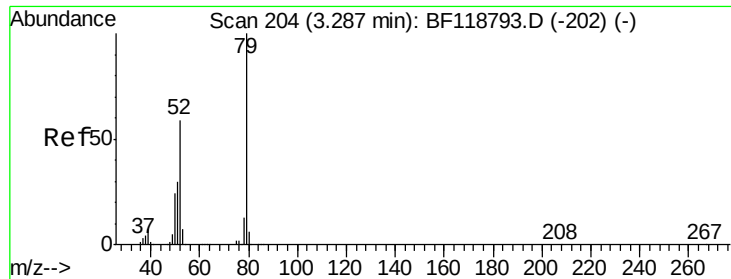


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1



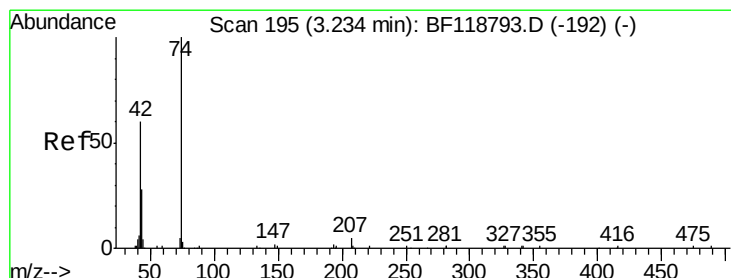
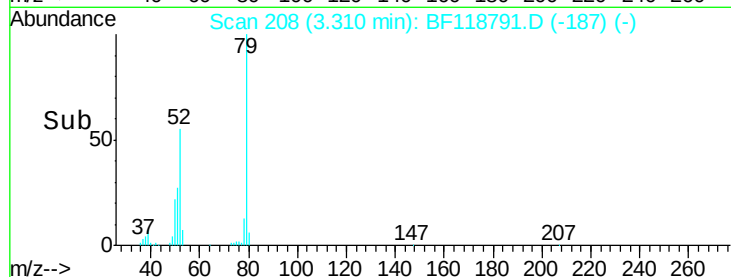
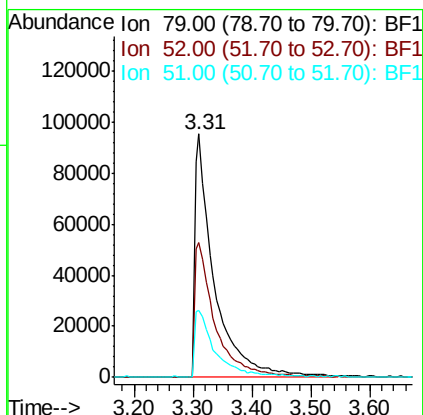
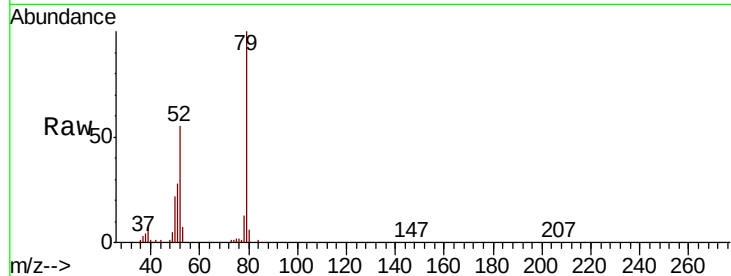


#3
 Pvridine
 Concen: 9.957 ng
 RT: 3.31 min Scan# 208
 Delta R.T. 0.02 min
 Lab File: BF118791.D
 Acq: 3 Feb 2020 11:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 79 Resp: 217720

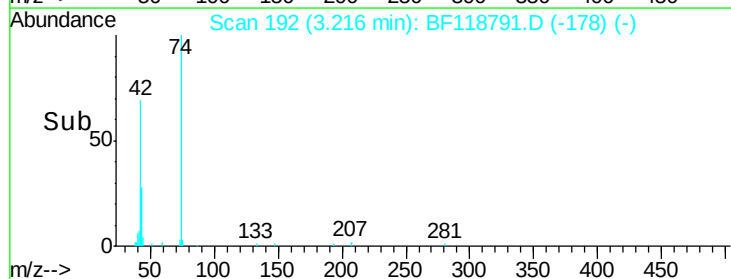
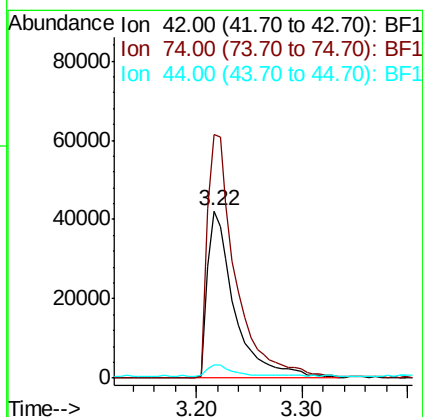
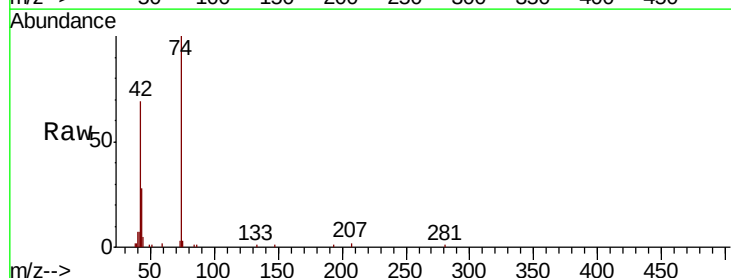
Ion	Ratio	Lower	Upper
79	100		
52	55.4	47.4	71.0
51	27.5	24.2	36.4

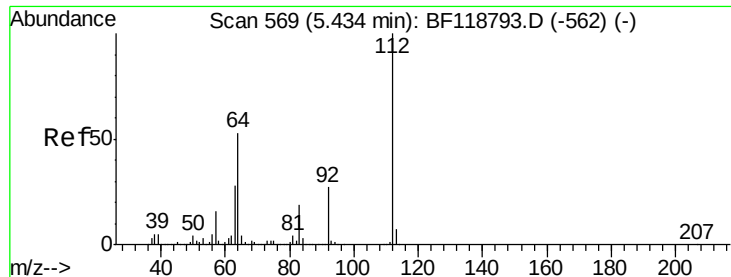


#4
 n-Nitrosodimethylamine
 Concen: 8.056 ng
 RT: 3.22 min Scan# 192
 Delta R.T. -0.02 min
 Lab File: BF118791.D
 Acq: 3 Feb 2020 11:22

Tgt Ion: 42 Resp: 75524

Ion	Ratio	Lower	Upper
42	100		
74	145.4	124.3	186.5
44	7.9	5.3	7.9





#5

2-Fluorophenol

Concen: 23.139 ng

RT: 5.43 min Scan# 568

Delta R.T. -0.01 min

Lab File: BF118791.D

Acq: 3 Feb 2020 11:22

Instrument :

BNA_F

ClientSampleId :

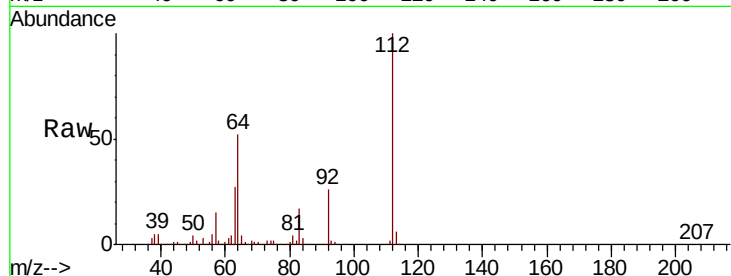
Tot Ion:112 Resp: 370640

Ion Ratio Lower Upper

112 100

64 52.2 42.6 63.8

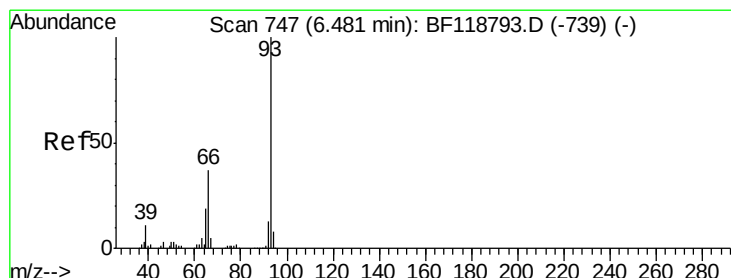
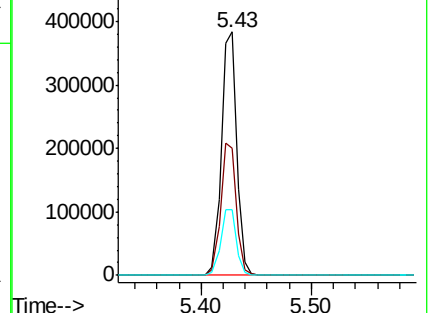
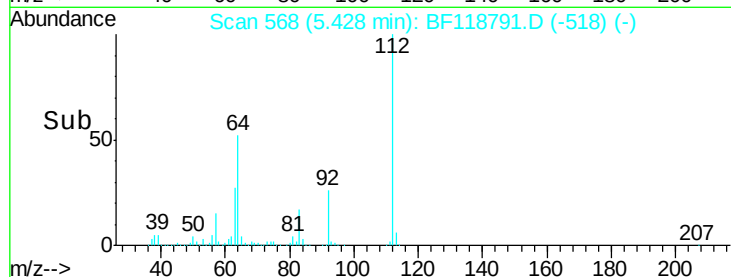
63 26.8 22.2 33.4



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: 10.565 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF118791.D

Acq: 3 Feb 2020 11:22

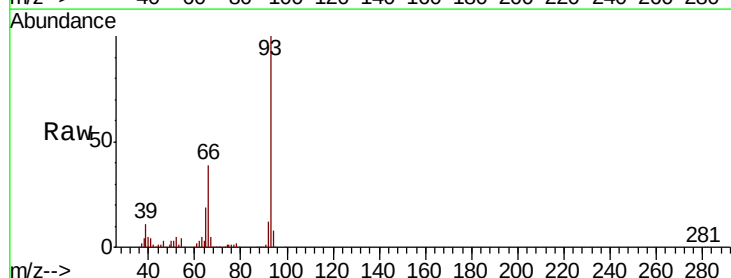
Tgt Ion: 93 Resp: 289632

Ion Ratio Lower Upper

93 100

66 39.0 30.8 46.2

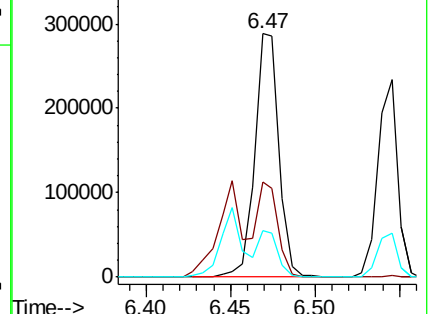
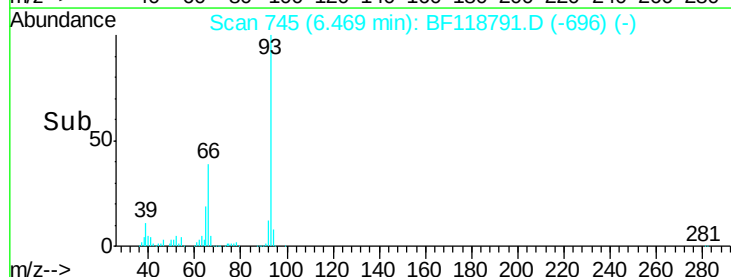
65 19.1 15.4 23.0

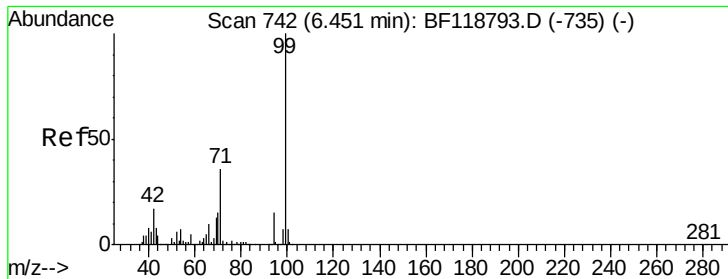


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 22.301 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF118791.D

Acq: 3 Feb 2020 11:22

Instrument :

BNA_F

ClientSampleId :

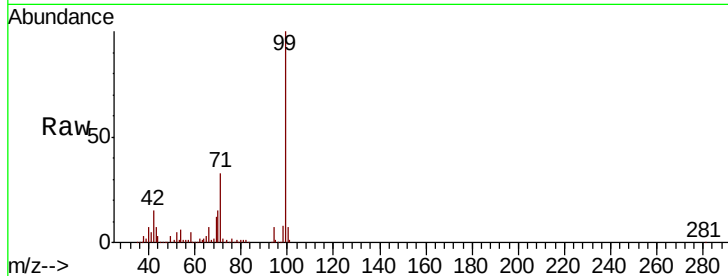
Tot Ion: 99 Resp: 464293

Ion Ratio Lower Upper

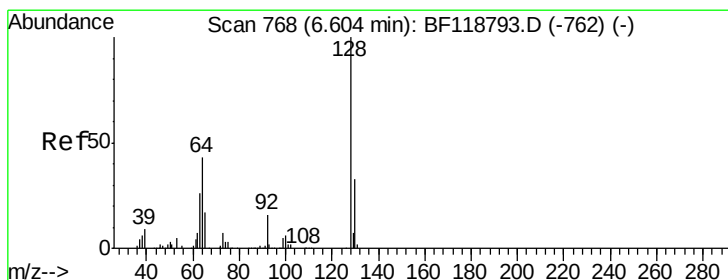
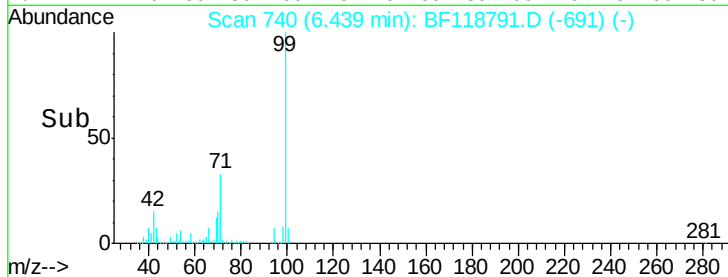
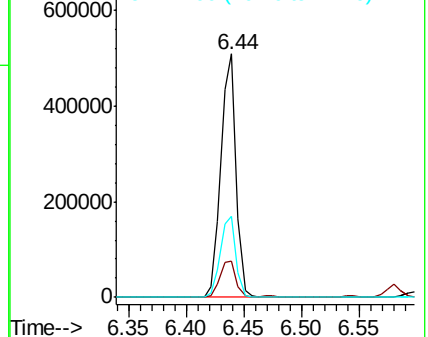
99 100

42 14.8 13.4 20.0

71 33.1 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: 11.295 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF118791.D

Acq: 3 Feb 2020 11:22

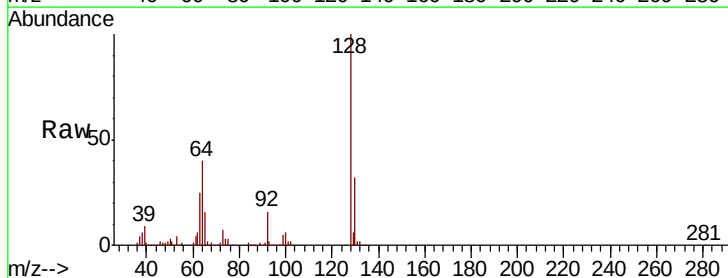
Tgt Ion: 128 Resp: 203066

Ion Ratio Lower Upper

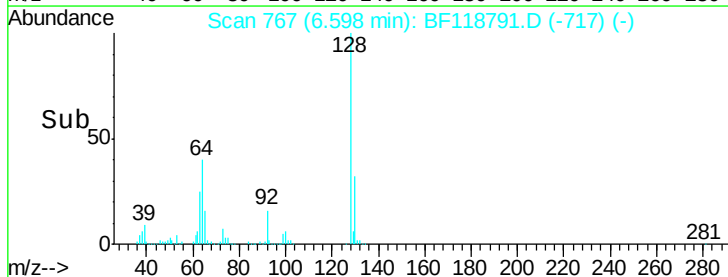
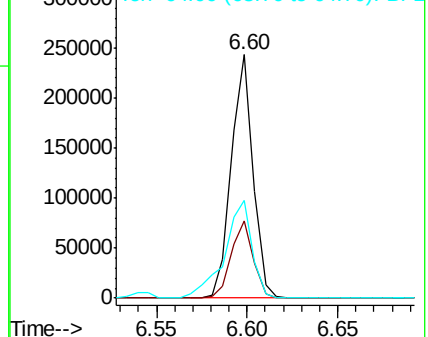
128 100

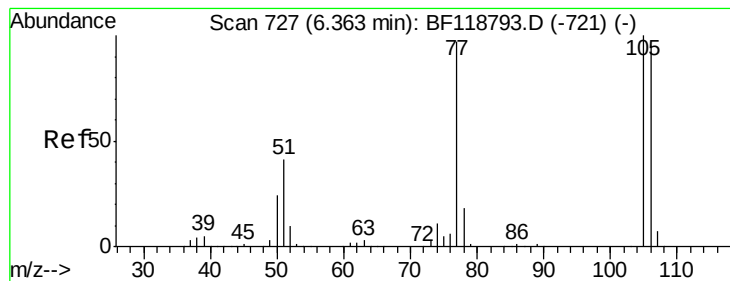
130 31.6 13.1 53.1

64 40.3 23.0 63.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 11.575 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF118791.D

Acq: 3 Feb 2020 11:22

Instrument :

BNA_F

ClientSampleId :

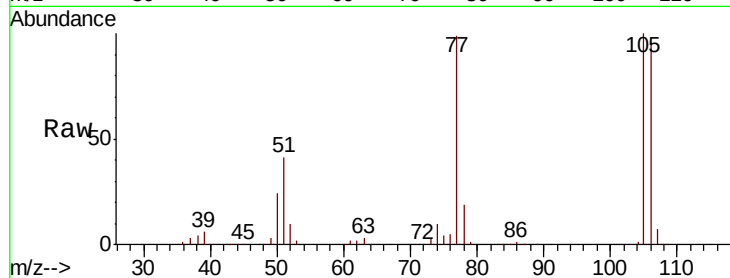
Tot Ion: 77 Resp: 146555

Ion Ratio Lower Upper

77 100

105 100.9 82.8 122.8

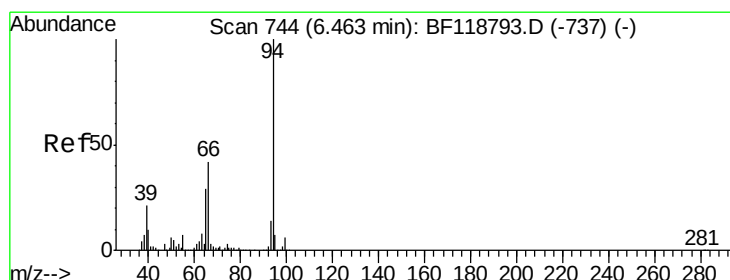
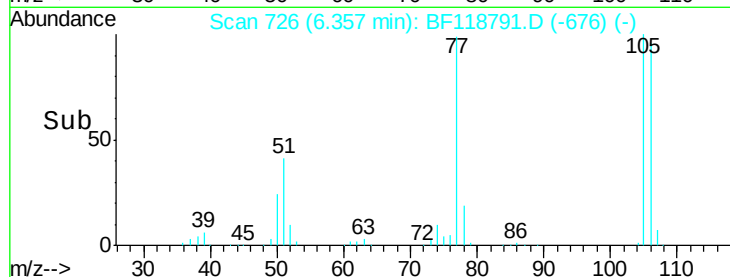
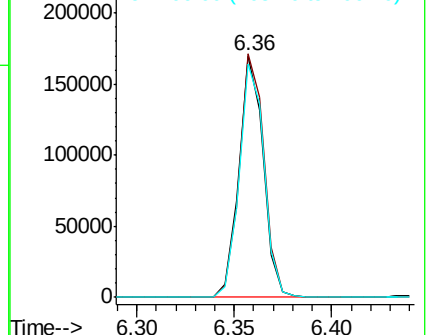
106 96.6 78.1 118.1



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: 10.845 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF118791.D

Acq: 3 Feb 2020 11:22

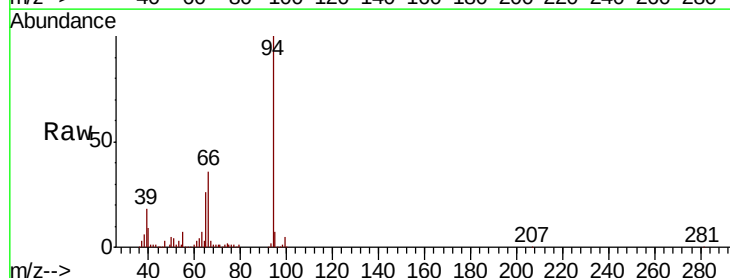
Tgt Ion: 94 Resp: 257300

Ion Ratio Lower Upper

94 100

65 25.9 9.1 49.1

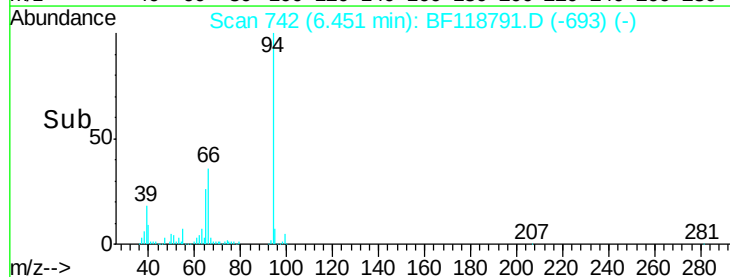
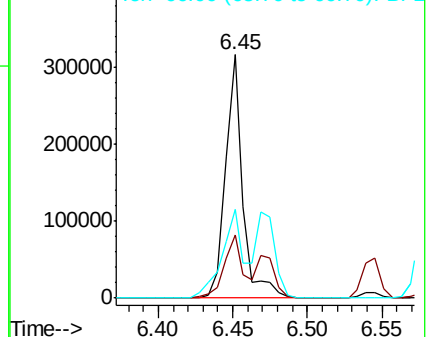
66 36.3 21.7 61.7

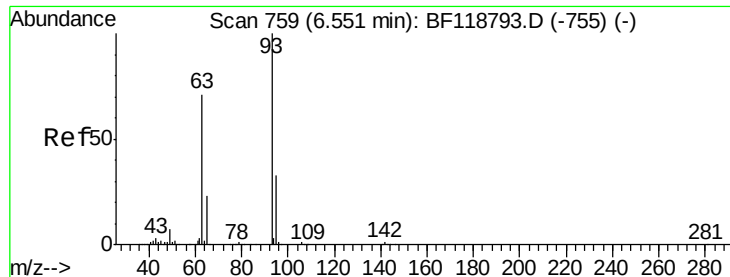


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

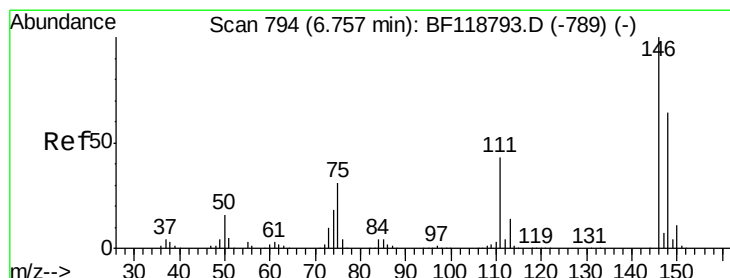
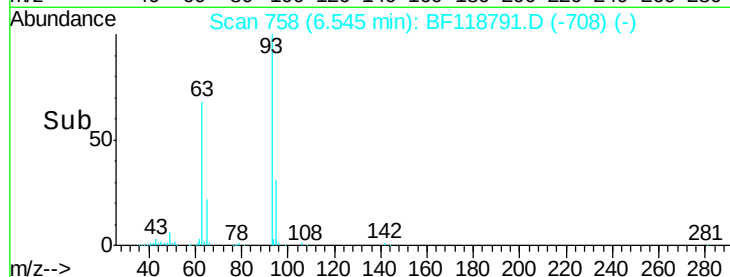
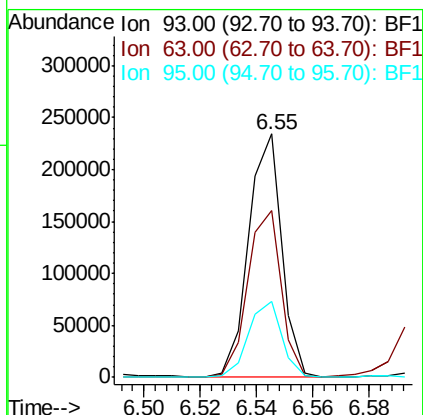
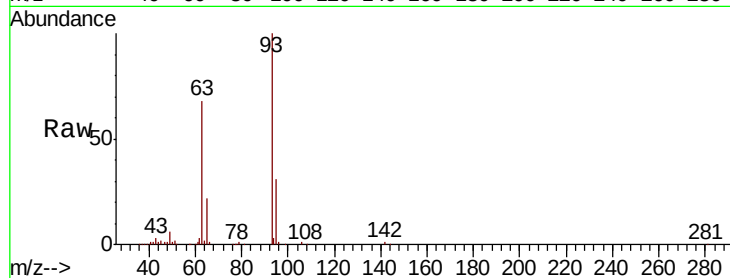




#11
bis(2-Chloroethyl)ether
Concen: 10.803 ng
RT: 6.55 min Scan# 758
Delta R.T. -0.01 min
Lab File: BF118791.D
Acq: 3 Feb 2020 11:22

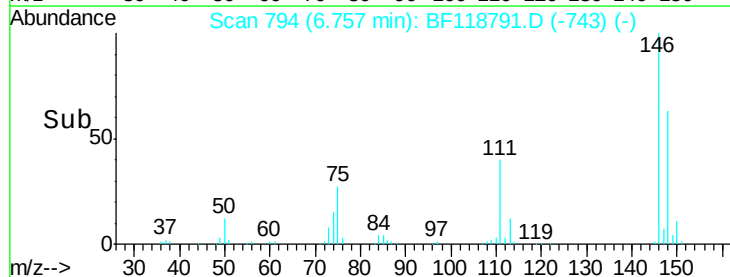
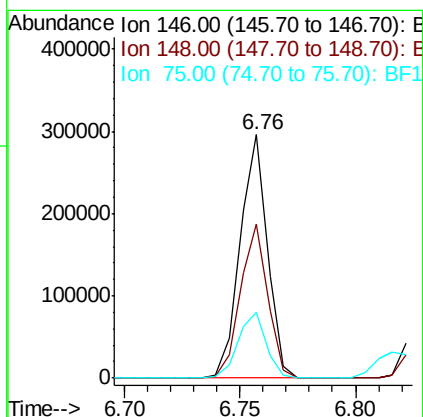
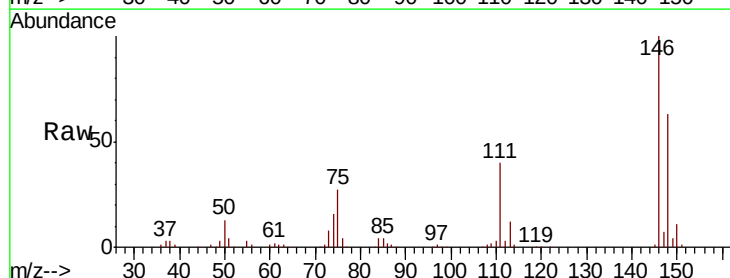
Instrument :
BNA_F
ClientSampleId :

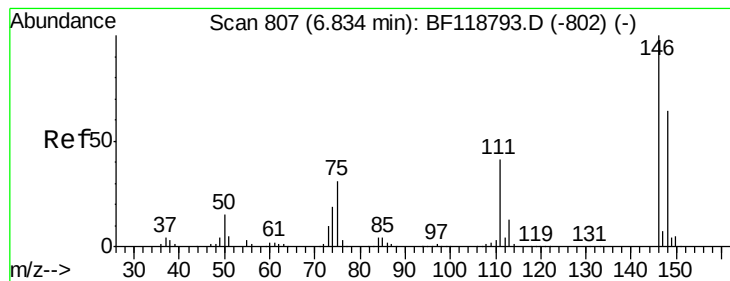
Tot Ion: 93 Resp: 190170
Ion Ratio Lower Upper
93 100
63 68.4 50.7 90.7
95 31.2 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 11.601 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.00 min
Lab File: BF118791.D
Acq: 3 Feb 2020 11:22

Tgt Ion: 146 Resp: 244118
Ion Ratio Lower Upper
146 100
148 63.5 51.1 76.7
75 27.1 25.0 37.4





#13

1,4-Dichlorobenzene

Concen: 11.484 ng

RT: 6.83 min Scan# 807

Delta R.T. -0.00 min

Lab File: BF118791.D

Acq: 3 Feb 2020 11:22

Instrument :

BNA_F

ClientSampleId :

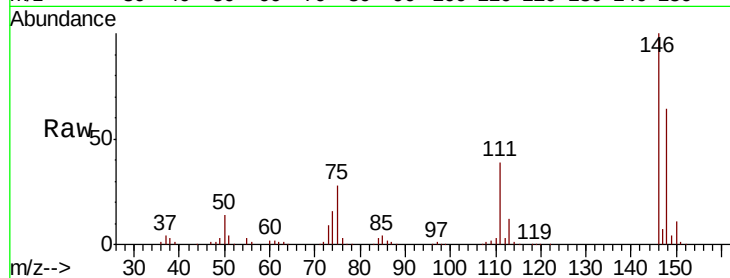
Tot Ion:146 Resp: 242578

Ion Ratio Lower Upper

146 100

148 63.8 51.6 77.4

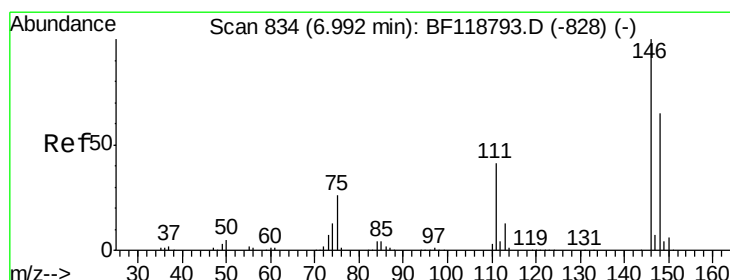
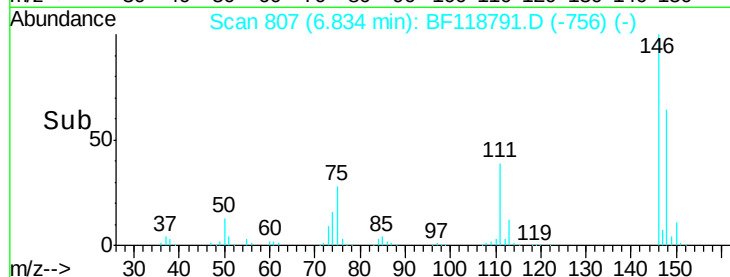
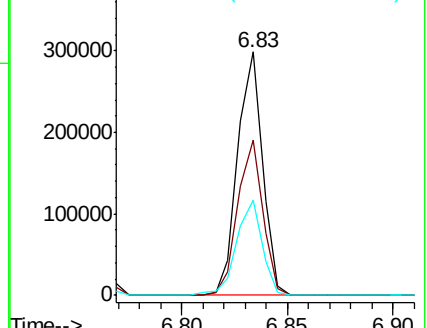
111 38.9 32.9 49.3



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 11.753 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF118791.D

Acq: 3 Feb 2020 11:22

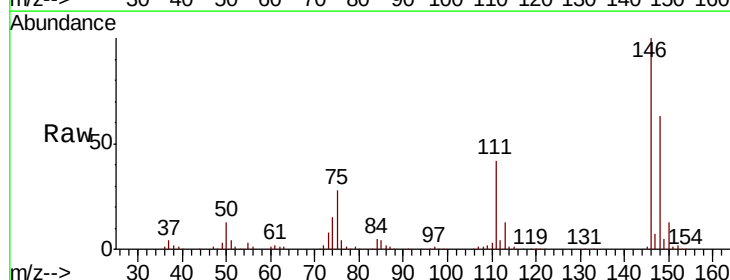
Tgt Ion:146 Resp: 233386

Ion Ratio Lower Upper

146 100

148 63.2 51.6 77.4

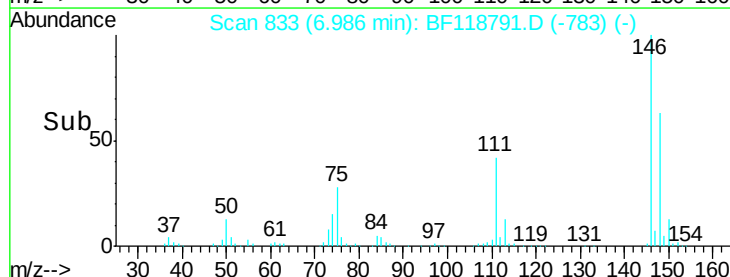
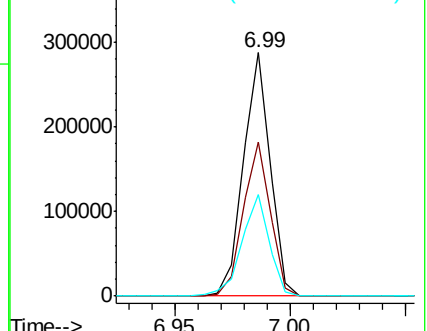
111 41.5 32.7 49.1

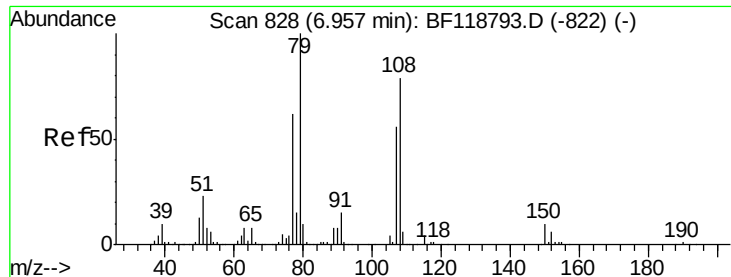


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

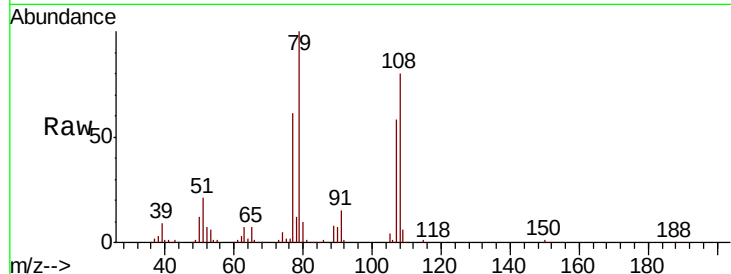




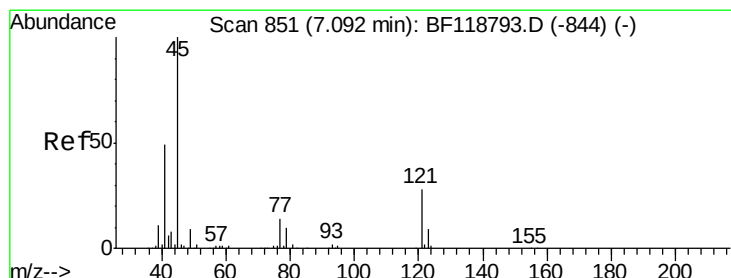
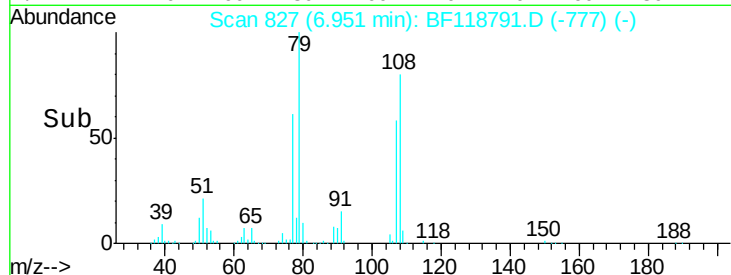
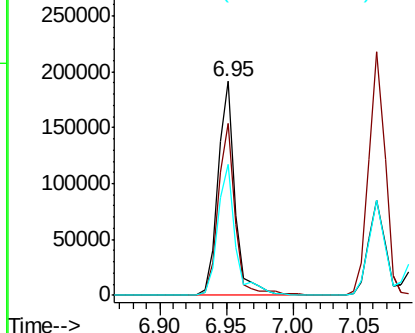
#15
Benzyl Alcohol
Concen: 10.523 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF118791.D
Acq: 3 Feb 2020 11:22

Instrument :
BNA_F
ClientSampleID :

Tot Ion	79	Resp	173737
Ion Ratio	Lower	Upper	
79	100		
108	80.1	62.9	94.3
77	61.1	50.0	75.0

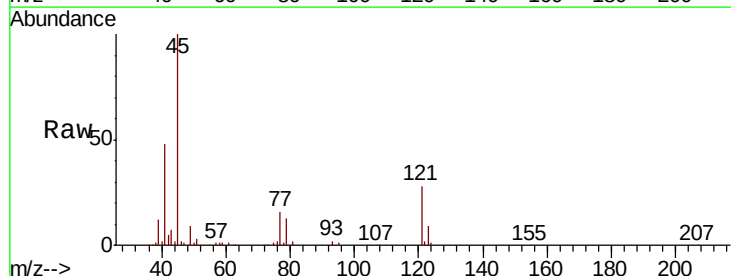


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

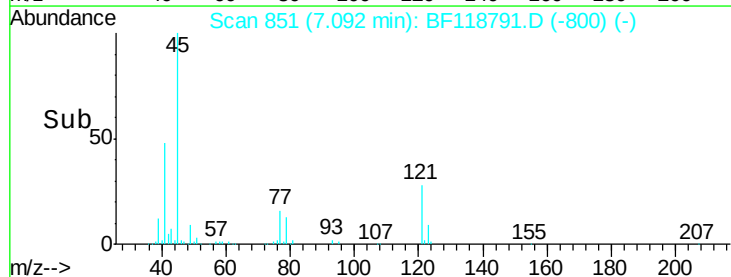
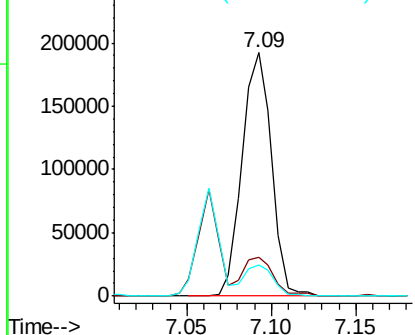


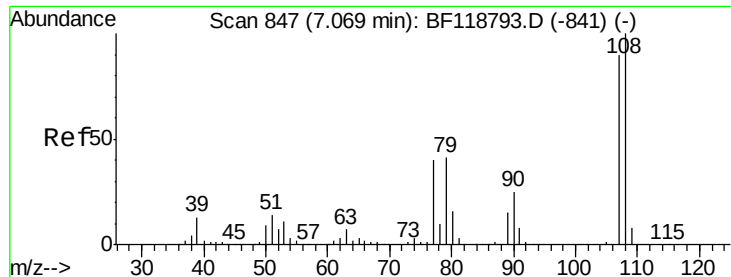
#16
2,2'-oxybis(1-chloropropane)
Concen: 9.526 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.00 min
Lab File: BF118791.D
Acq: 3 Feb 2020 11:22

Tgt Ion	45	Resp	233556
Ion Ratio	Lower	Upper	
45	100		
77	15.7	0.0	37.1
79	13.0	0.0	33.1



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 11.070 ng

RT: 7.06 min Scan# 846

Delta R.T. -0.01 min

Lab File: BF118791.D

Acq: 3 Feb 2020 11:22

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 165783

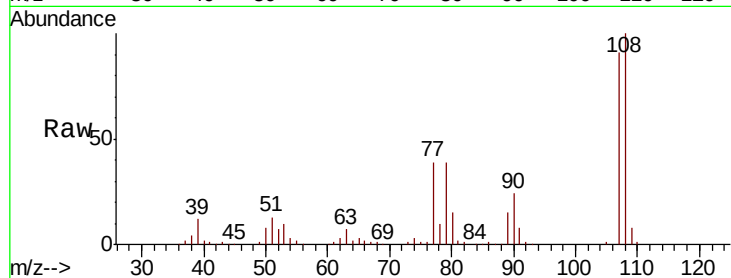
Ion Ratio Lower Upper

107 100

108 109.8 89.3 133.9

77 42.6 36.2 54.2

79 43.0 36.3 54.5



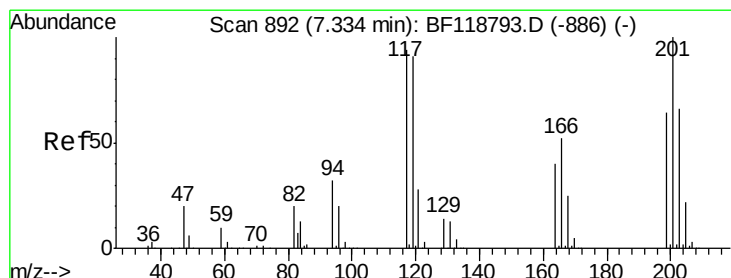
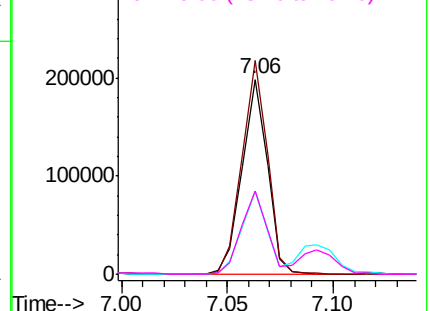
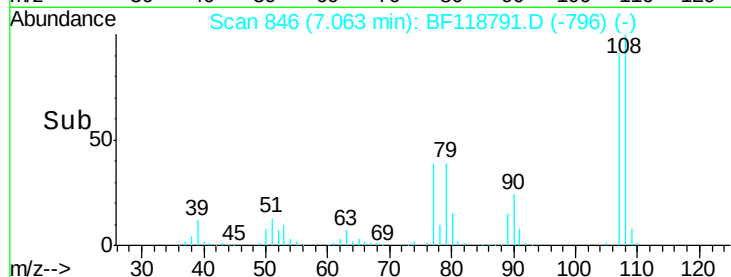
Abundance

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: 10.918 ng

RT: 7.33 min Scan# 892

Delta R.T. -0.00 min

Lab File: BF118791.D

Acq: 3 Feb 2020 11:22

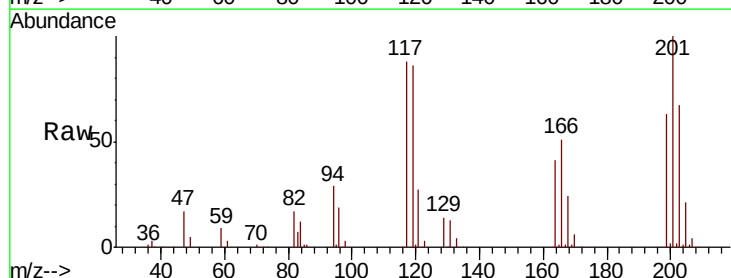
Tgt Ion:117 Resp: 83628

Ion Ratio Lower Upper

117 100

119 98.2 77.4 116.0

201 113.8 85.1 127.7

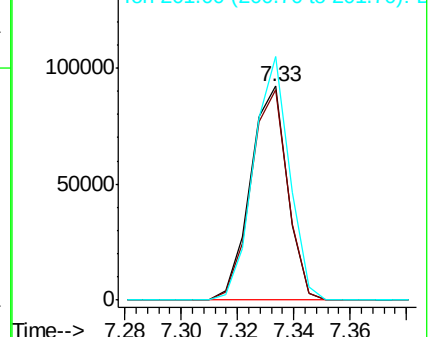
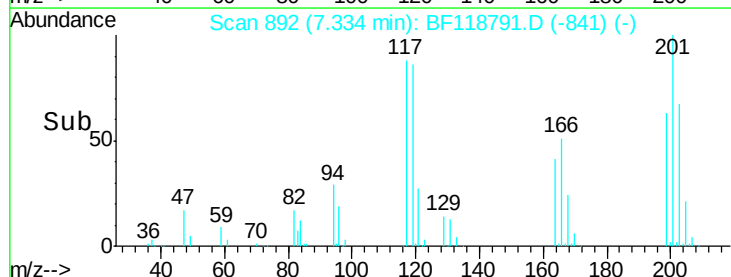


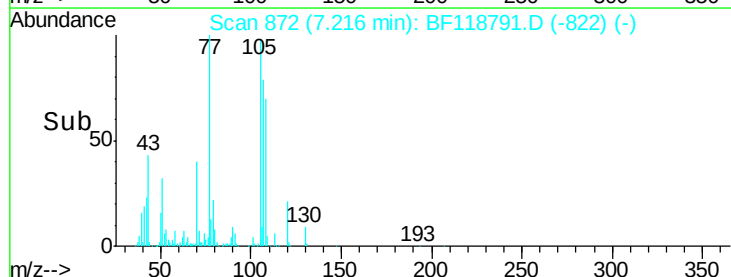
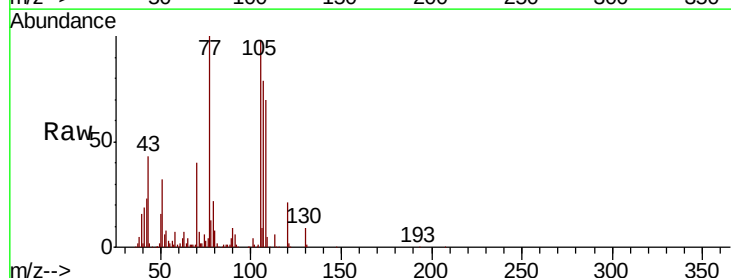
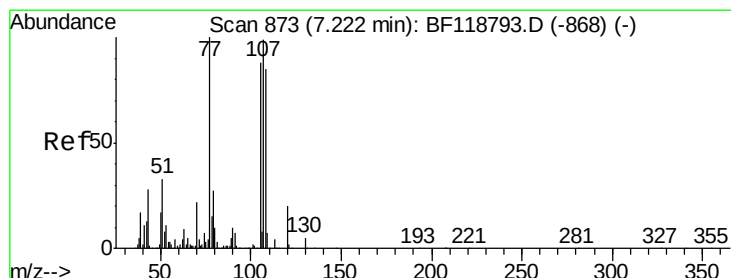
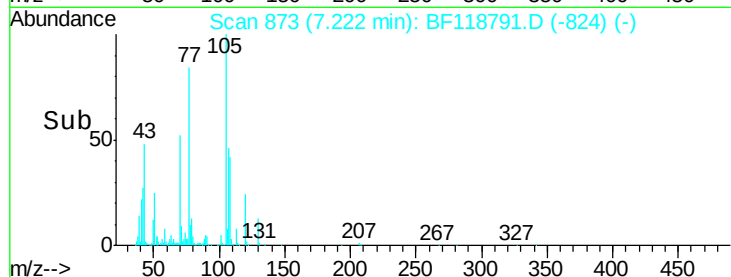
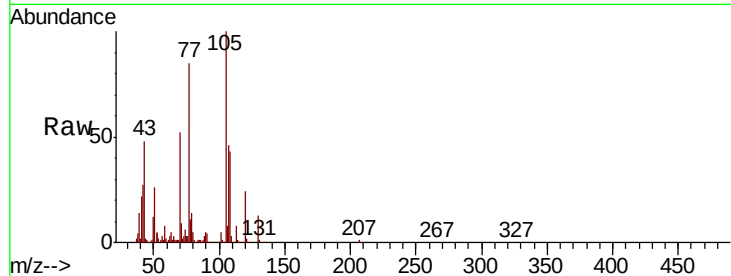
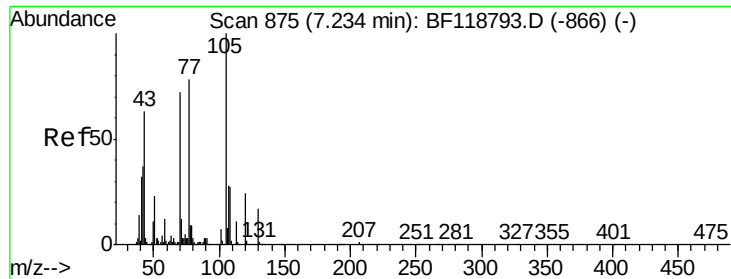
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

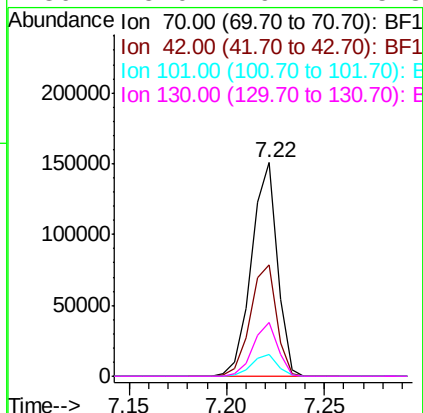




#19
n-Nitroso-di-n-propylamine
Concen: 9.878 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF118791.D
Acq: 3 Feb 2020 11:22

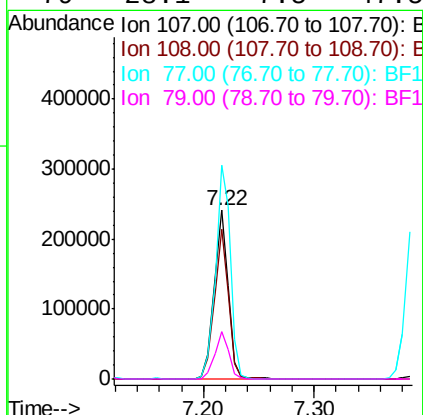
Instrument :
BNA_F
ClientSampleId :

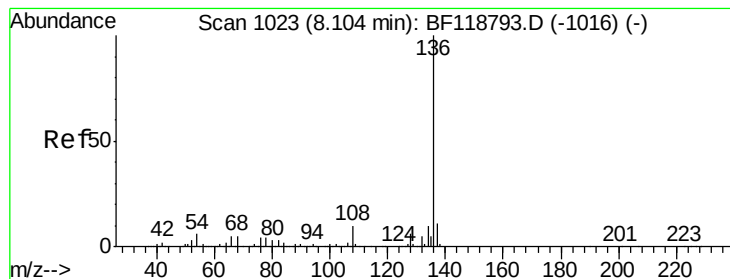
Tot Ion	Ratio	Lower	Upper
70	100		
42	52.2	41.5	62.3
101	10.3	8.3	12.5
130	25.0	19.2	28.8



#20
3+4-Methylphenols
Concen: 11.583 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF118791.D
Acq: 3 Feb 2020 11:22

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.8	65.9	105.9
77	126.7	80.9	120.9
79	28.1	7.5	47.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF118791.D

Acq: 3 Feb 2020 11:22

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1132241

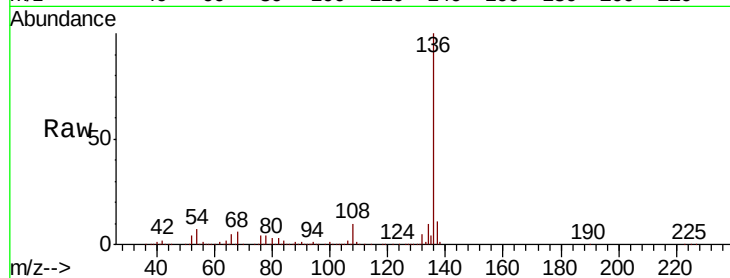
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 6.6 5.0 7.6

68 5.6 4.2 6.4

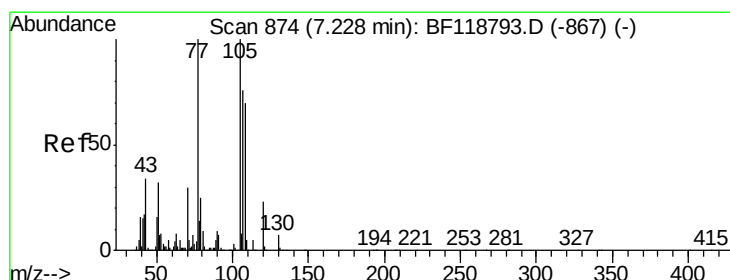
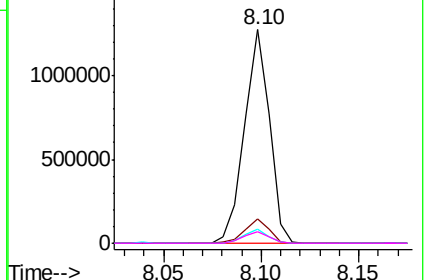
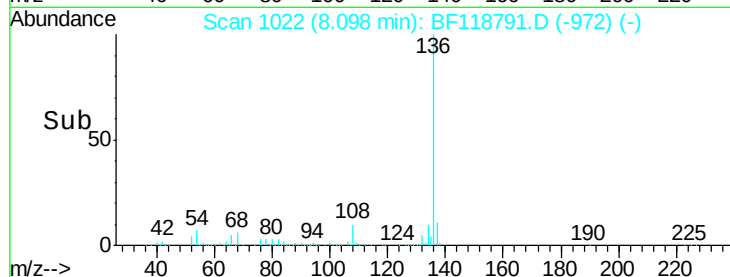


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 10.739 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.01 min

Lab File: BF118791.D

Acq: 3 Feb 2020 11:22

Tgt Ion:105 Resp: 288028

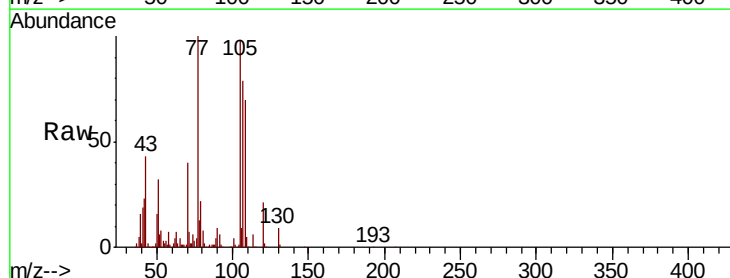
Ion Ratio Lower Upper

105 100

71 6.7 4.2 6.4#

51 33.0 25.5 38.3

120 21.9 18.6 28.0

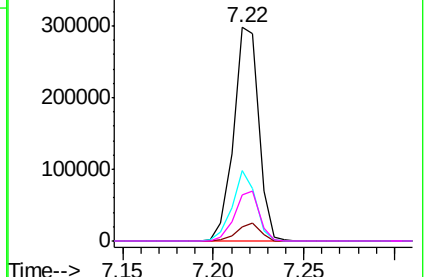
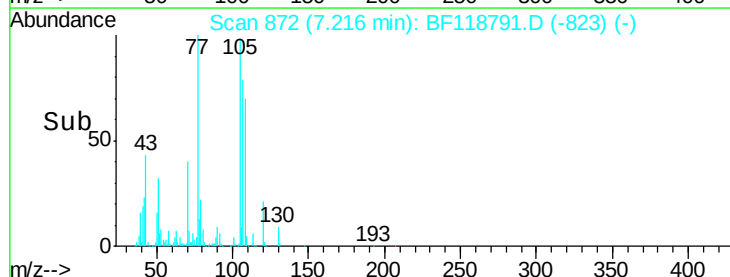


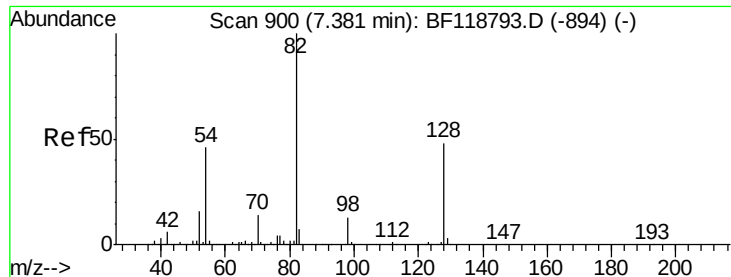
Abundance Ion 105.00 (104.70 to 105.70): E

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

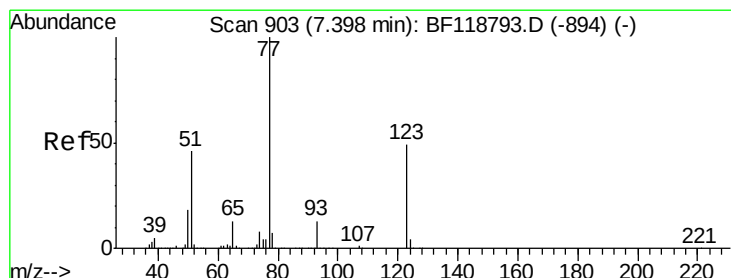
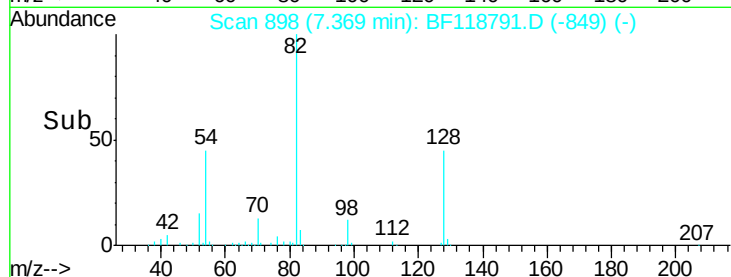
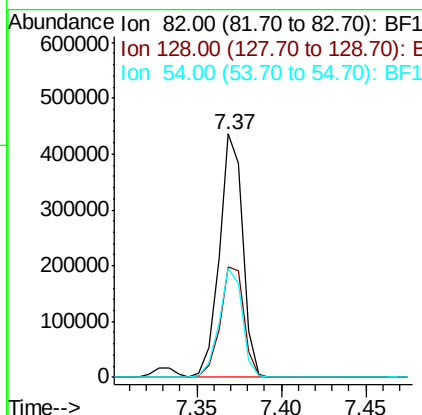
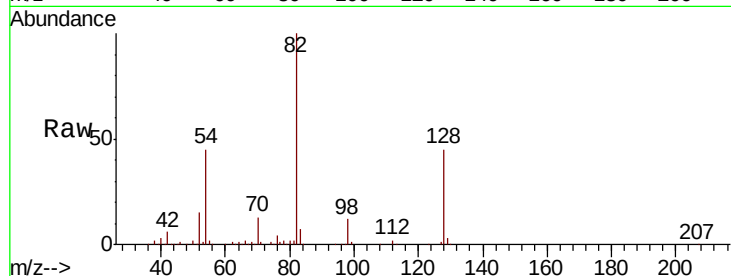




#23
 Nitrobenzene-d5
 Concen: 20.653 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: BF118791.D
 Acq: 3 Feb 2020 11:22

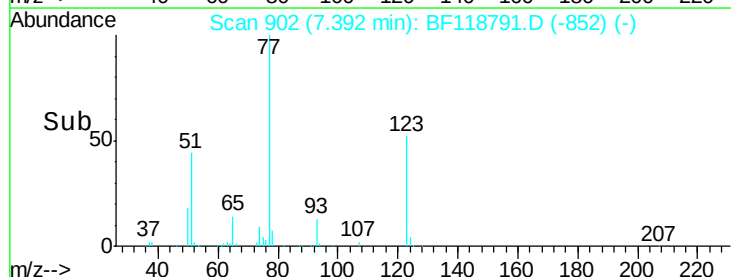
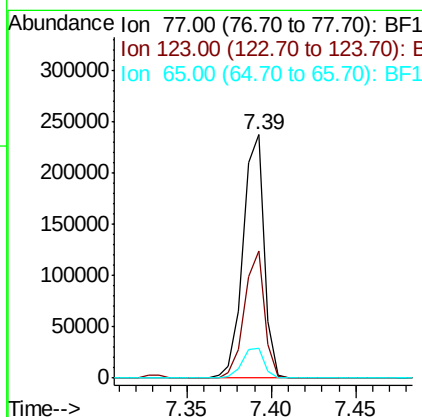
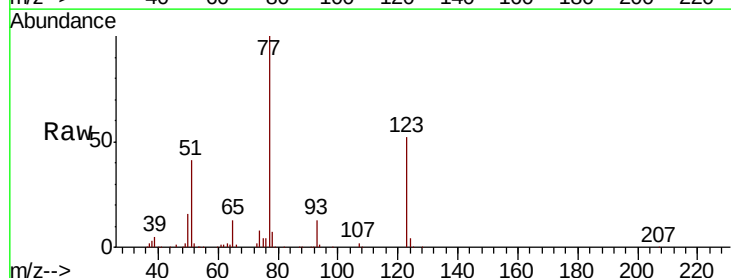
Instrument :
 BNA_F
 ClientSampled :

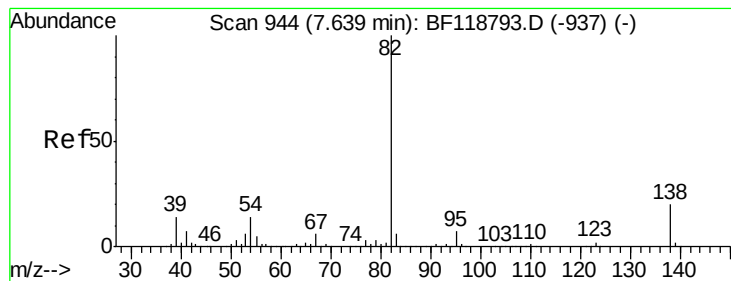
Tot Ion	82	Resp	418067
Ion Ratio	100	Lower	Upper
128	45.4	38.5	57.7
54	44.8	36.7	55.1



#24
 Nitrobenzene
 Concen: 10.022 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.01 min
 Lab File: BF118791.D
 Acq: 3 Feb 2020 11:22

Tgt Ion	77	Resp	207721
Ion Ratio	100	Lower	Upper
123	52.1	39.0	58.4
65	12.5	10.6	15.8





#25

Isophorone

Concen: 10.040 ng

RT: 7.63 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF118791.D

Acq: 3 Feb 2020 11:22

Instrument :

BNA_F

ClientSampleId :

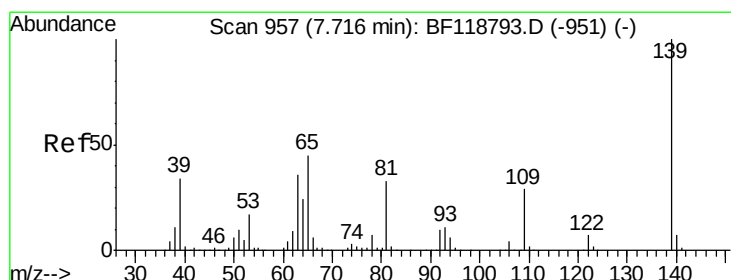
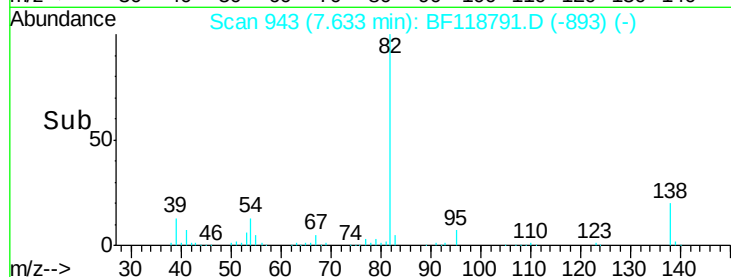
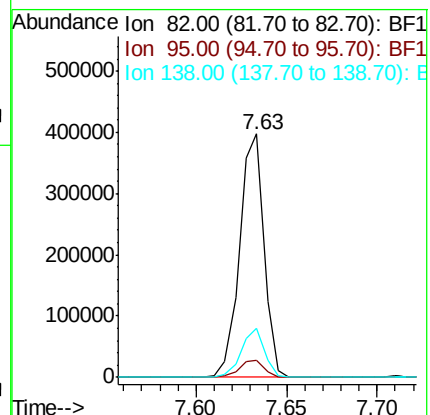
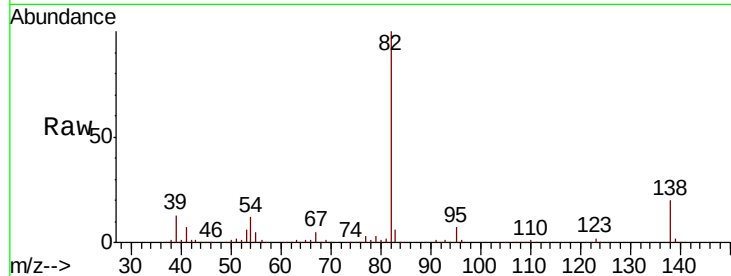
Tot Ion: 82 Resp: 370698

Ion Ratio Lower Upper

82 100

95 7.1 6.0 9.0

138 20.1 15.7 23.5



#26

2-Nitrophenol

Concen: 11.482 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF118791.D

Acq: 3 Feb 2020 11:22

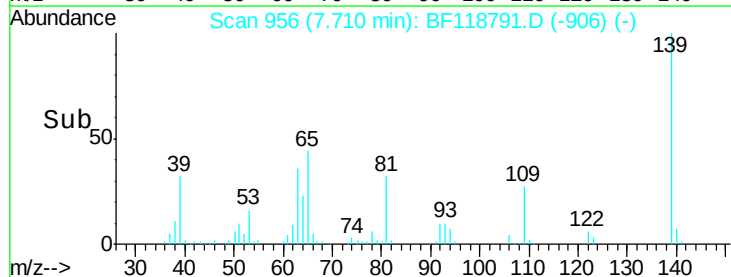
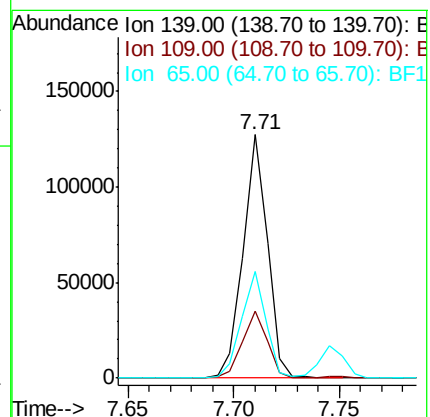
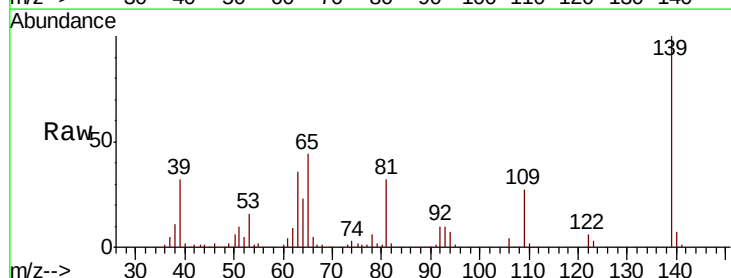
Tgt Ion: 139 Resp: 101491

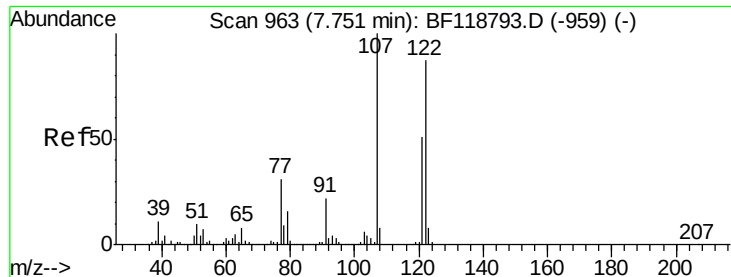
Ion Ratio Lower Upper

139 100

109 27.4 23.4 35.0

65 44.1 36.2 54.2

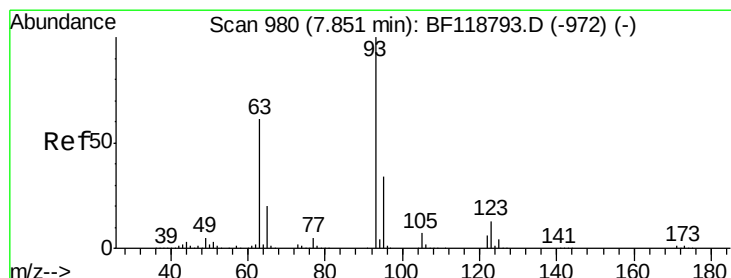
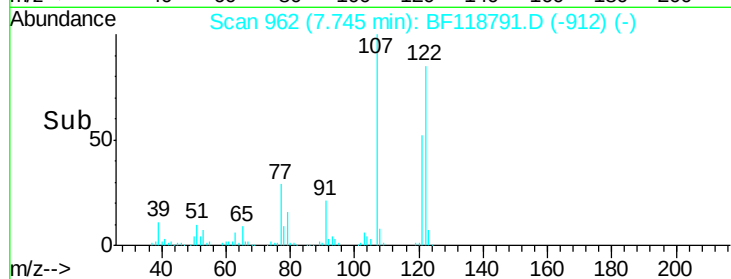
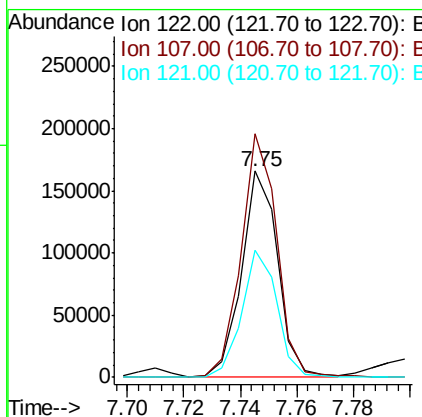
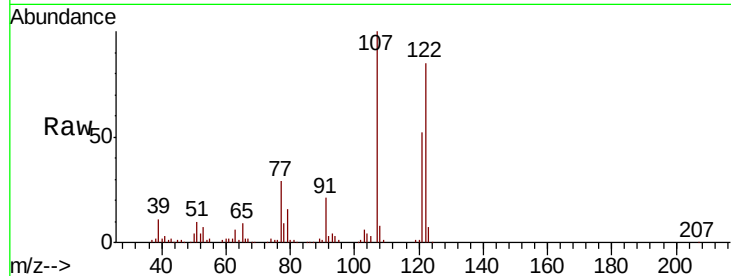




#27
 2,4-Dimethylphenol
 Concen: 9.601 ng
 RT: 7.75 min Scan# 962
 Delta R.T. -0.01 min
 Lab File: BF118791.D
 Acq: 3 Feb 2020 11:22

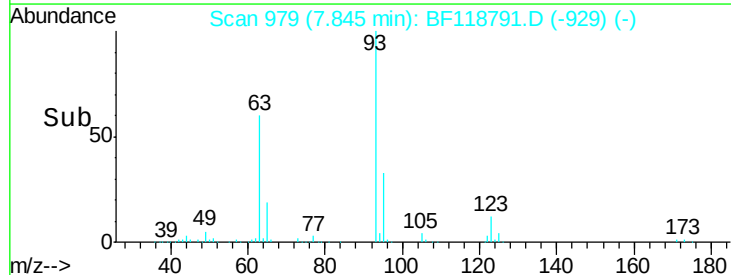
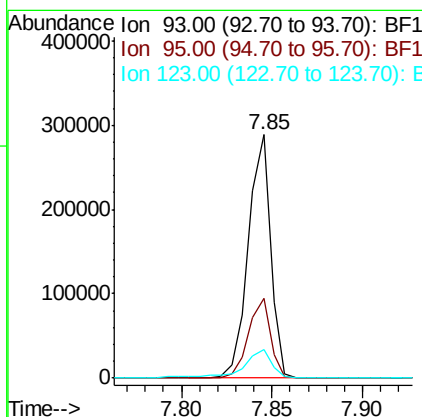
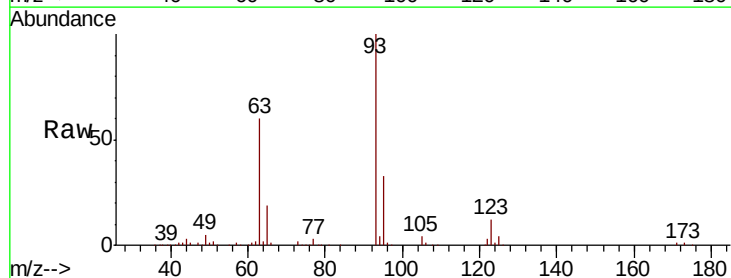
Instrument :
 BNA_F
 ClientSampled :

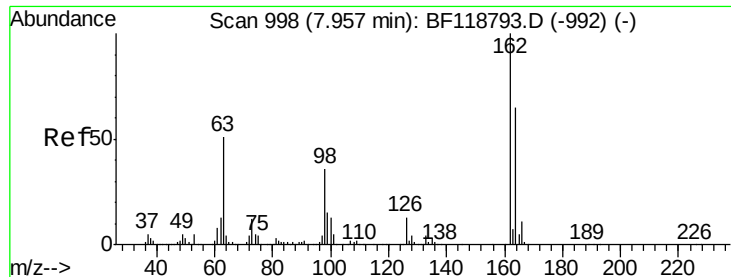
Tot Ion	Ratio	Lower	Upper
122	100		
107	118.1	92.2	138.2
121	61.9	46.8	70.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 10.388 ng
 RT: 7.85 min Scan# 979
 Delta R.T. -0.01 min
 Lab File: BF118791.D
 Acq: 3 Feb 2020 11:22

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	27.0	40.4
123	11.7	10.6	15.8





#29

2,4-Dichlorophenol

Concen: 10.537 ng

RT: 7.95 min Scan# 997

Delta R.T. -0.01 min

Lab File: BF118791.D

Acq: 3 Feb 2020 11:22

Instrument :

BNA_F

ClientSampled :

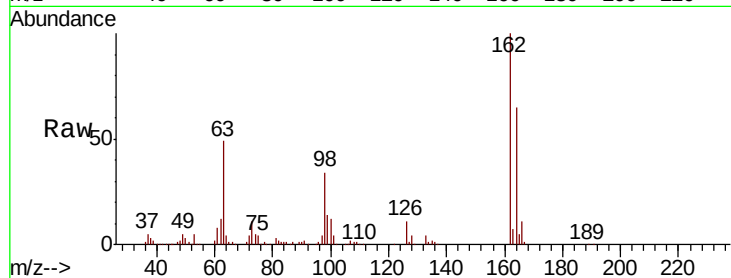
Tot Ion:162 Resp: 177788

Ion Ratio Lower Upper

162 100

164 64.5 44.8 84.8

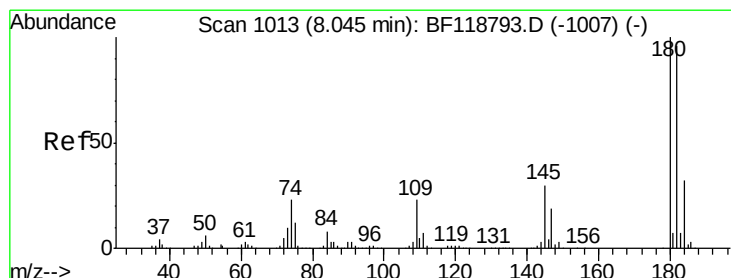
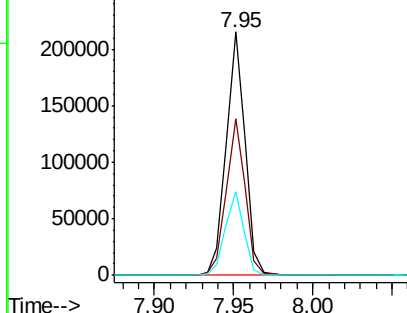
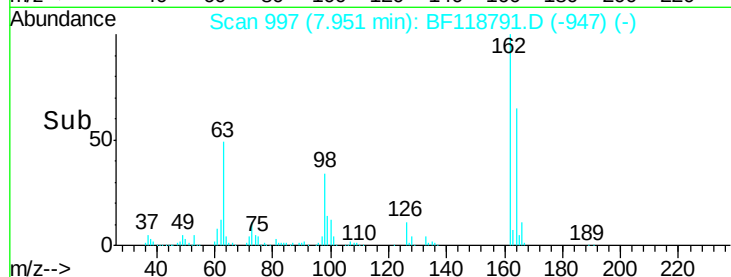
98 34.3 16.4 56.4



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: 10.990 ng

RT: 8.04 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BF118791.D

Acq: 3 Feb 2020 11:22

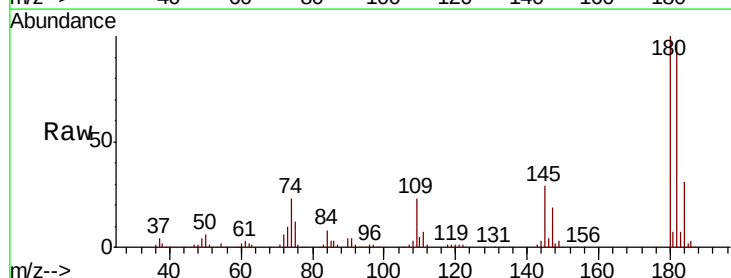
Tgt Ion:180 Resp: 215004

Ion Ratio Lower Upper

180 100

182 97.2 76.6 115.0

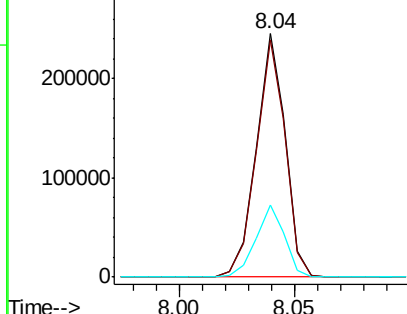
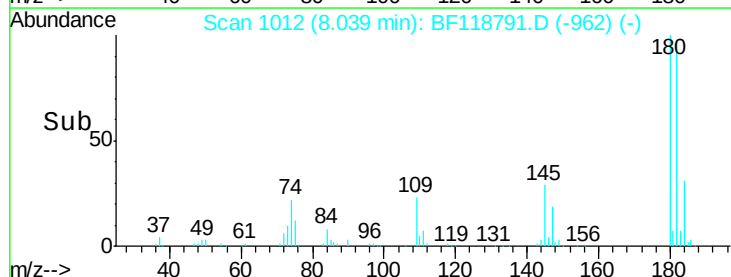
145 29.4 24.0 36.0

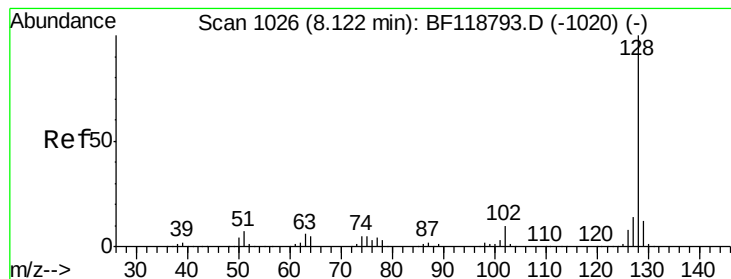


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 11.996 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BF118791.D

Acq: 3 Feb 2020 11:22

Instrument :

BNA_F

ClientSampleId :

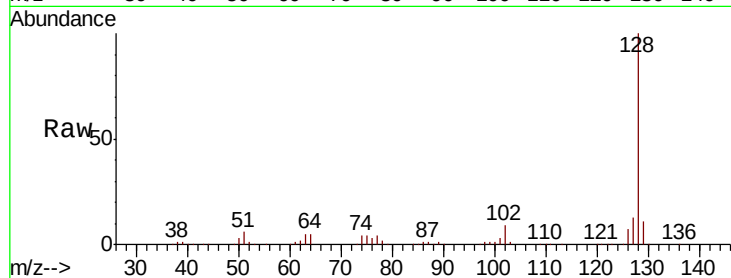
Tot Ion:128 Resp: 613563

Ion Ratio Lower Upper

128 100

129 10.8 9.4 14.2

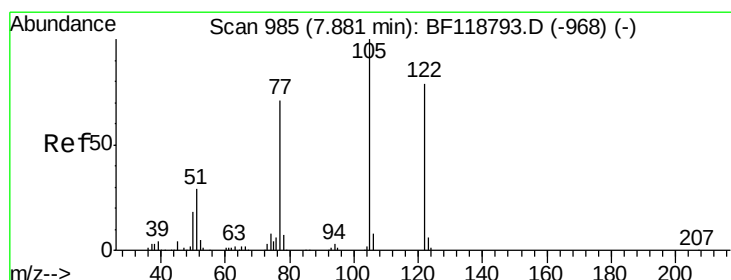
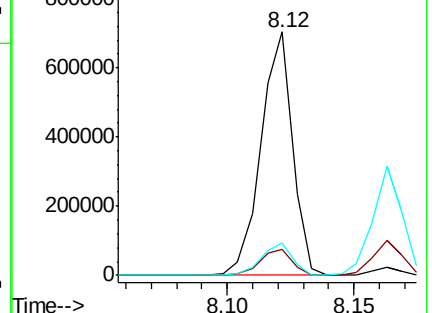
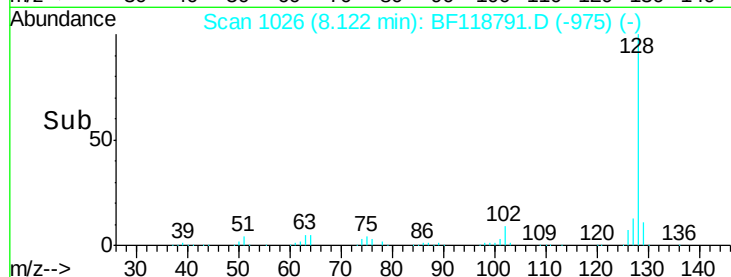
127 13.3 11.3 16.9



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: 8.180 ng

RT: 7.83 min Scan# 976

Delta R.T. -0.05 min

Lab File: BF118791.D

Acq: 3 Feb 2020 11:22

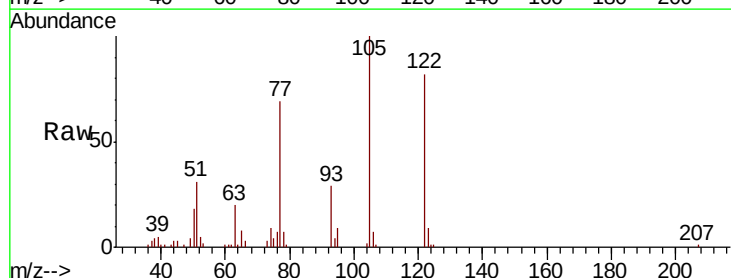
Tgt Ion:122 Resp: 93698

Ion Ratio Lower Upper

122 100

105 122.1 104.4 144.4

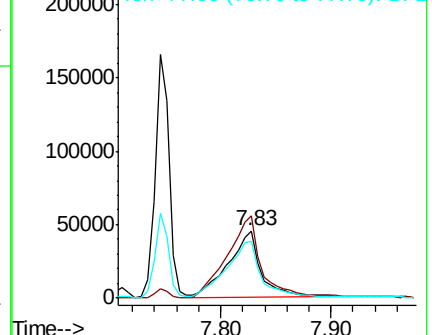
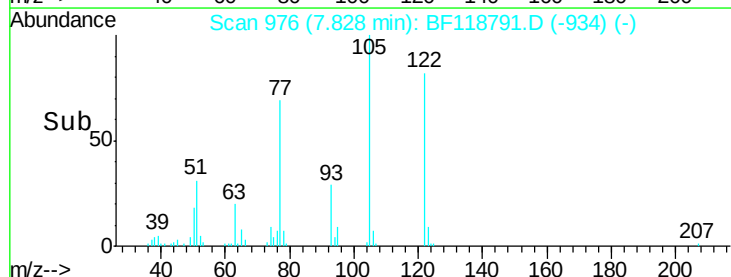
77 84.2 69.3 109.3

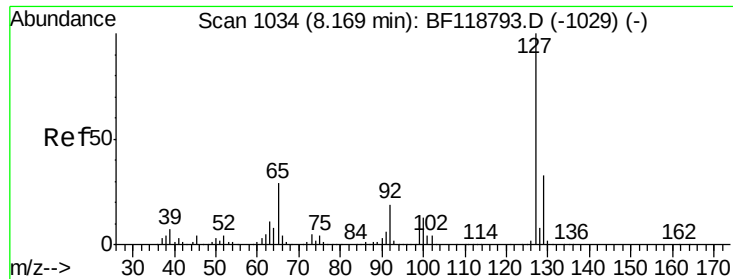


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

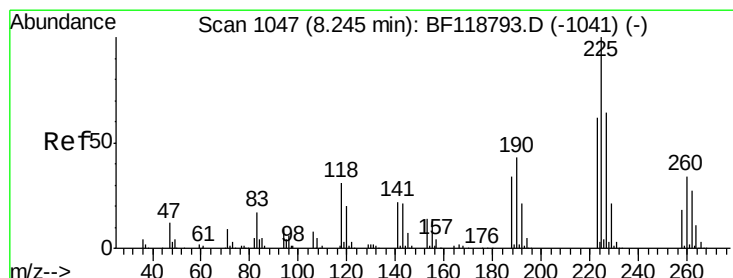
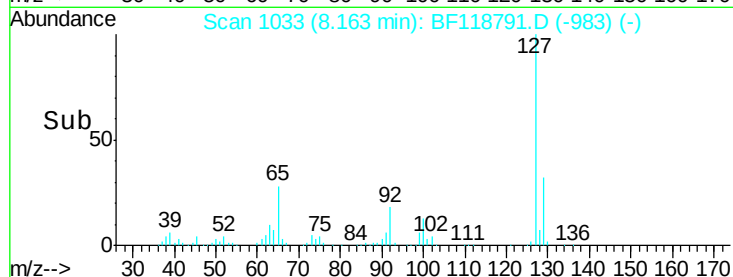
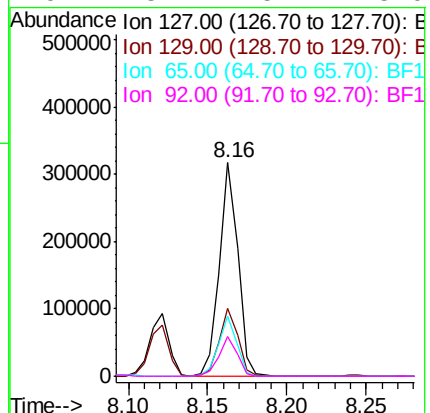
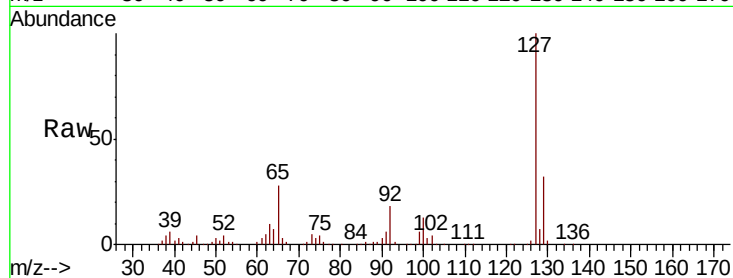




#33
4-Chloroaniline
Concen: 10.924 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF118791.D
Acq: 3 Feb 2020 11:22

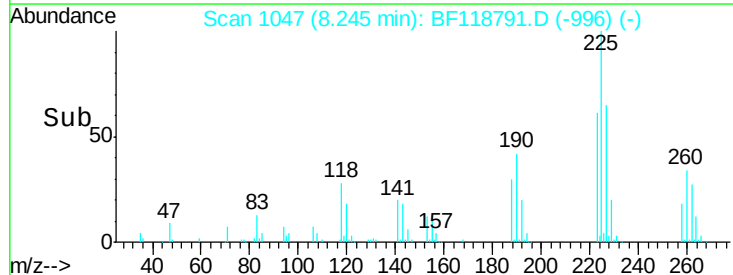
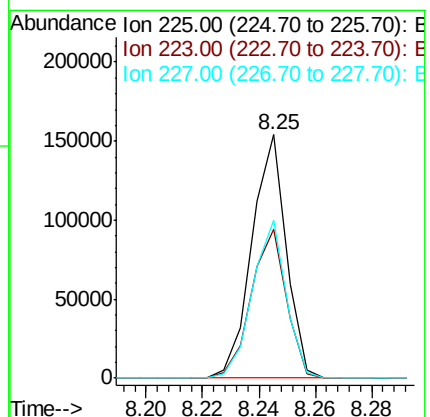
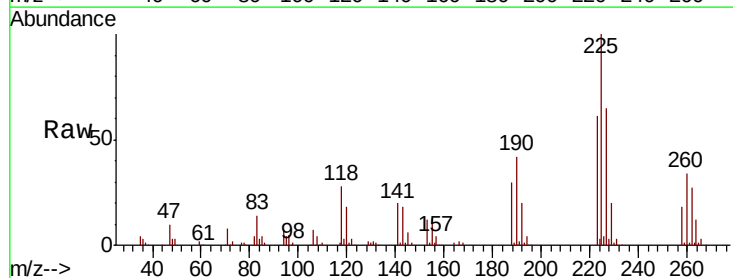
Instrument :
BNA_F
ClientSampled :

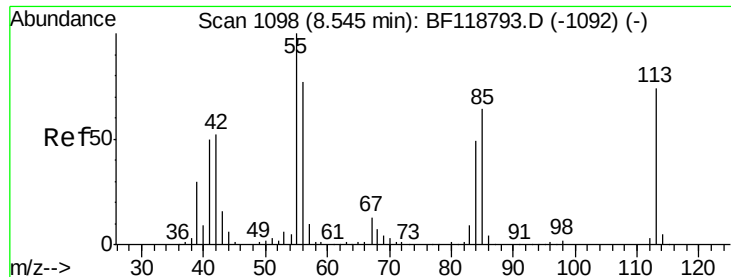
Tot Ion:	127	Resp:	258239
Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.7	40.1
65	27.9	22.9	34.3
92	18.4	15.4	23.0



#34
Hexachlorobutadiene
Concen: 10.893 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BF118791.D
Acq: 3 Feb 2020 11:22

Tgt Ion:	225	Resp:	129772
Ion	Ratio	Lower	Upper
225	100		
223	61.4	49.8	74.8
227	64.6	51.0	76.4

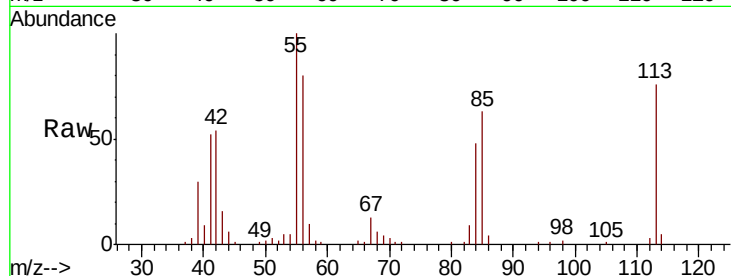




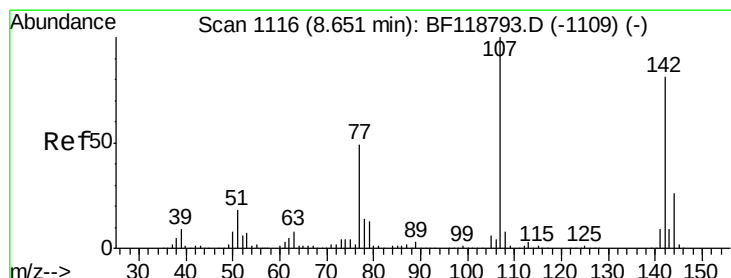
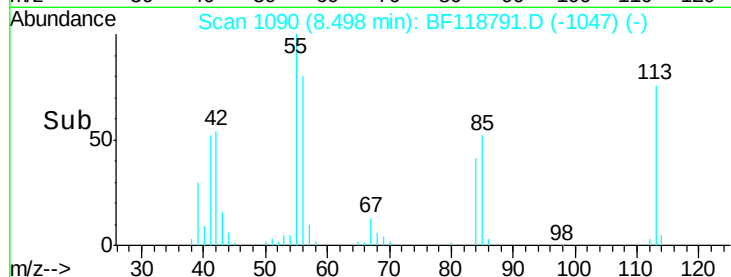
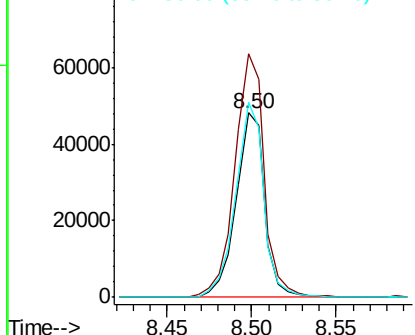
#35
 Caprolactam
 Concen: 10.211 ng
 RT: 8.50 min Scan# 1090
 Delta R.T. -0.05 min
 Lab File: BF118791.D
 Acq: 3 Feb 2020 11:22

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 56382
 Ion Ratio Lower Upper
 113 100
 55 132.1 115.5 155.5
 56 105.9 83.7 123.7

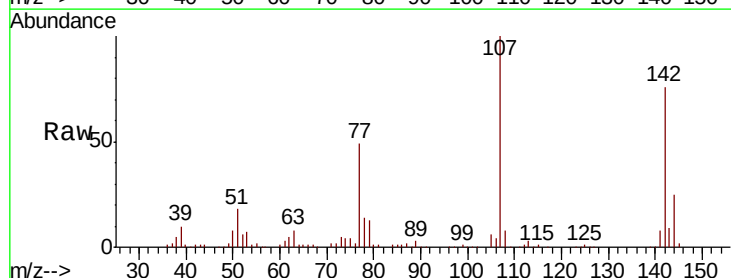


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

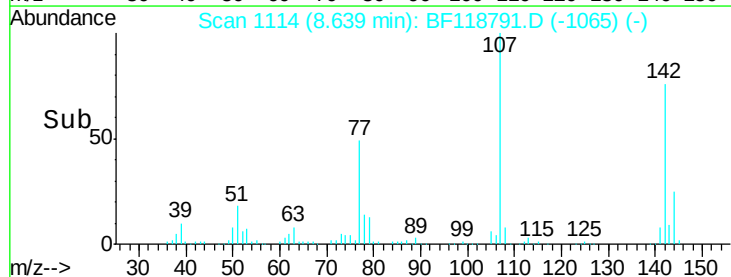
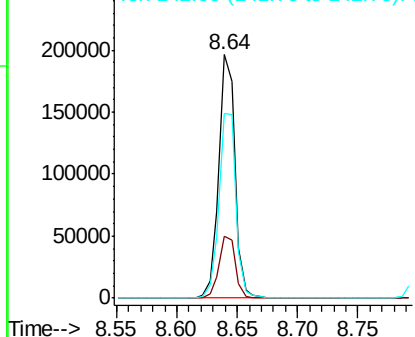


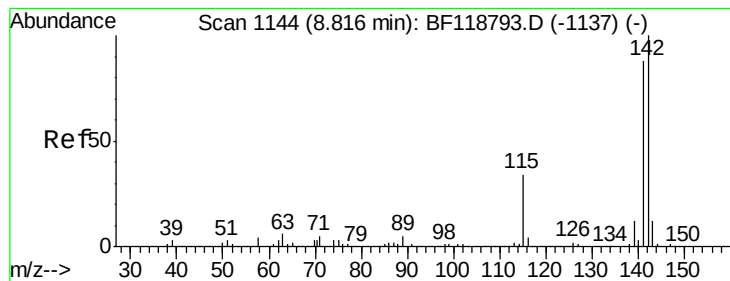
#36
 4-Chloro-3-methylphenol
 Concen: 10.842 ng
 RT: 8.64 min Scan# 1114
 Delta R.T. -0.01 min
 Lab File: BF118791.D
 Acq: 3 Feb 2020 11:22

Tgt Ion:107 Resp: 180646
 Ion Ratio Lower Upper
 107 100
 144 25.3 21.0 31.6
 142 75.8 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: 11.708 ng

RT: 8.81 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BF118791.D

Acq: 3 Feb 2020 11:22

Instrument :

BNA_F

ClientSampleId :

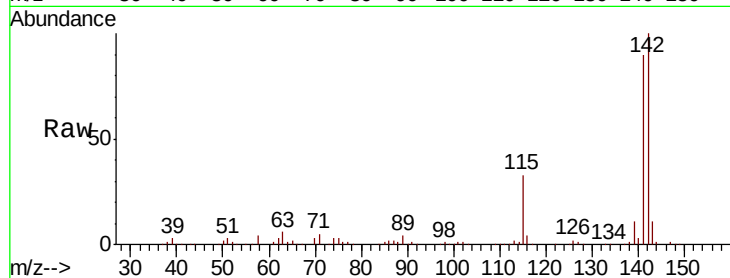
Tot Ion:142 Resp: 422691

Ion Ratio Lower Upper

142 100

141 89.9 70.1 105.1

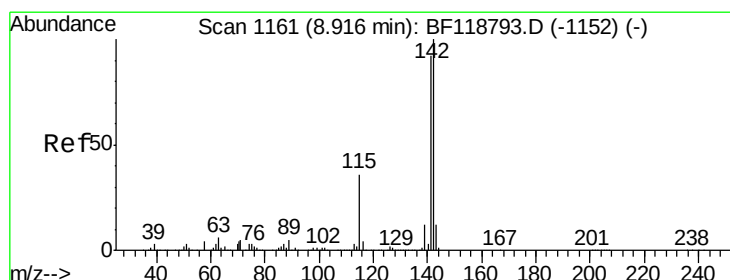
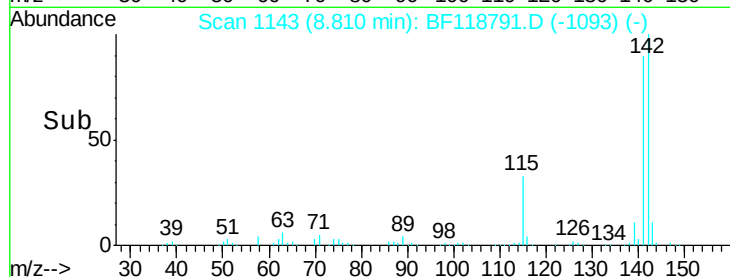
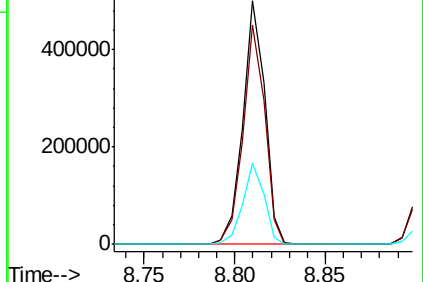
115 33.2 27.3 40.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 11.438 ng

RT: 8.91 min Scan# 1160

Delta R.T. -0.01 min

Lab File: BF118791.D

Acq: 3 Feb 2020 11:22

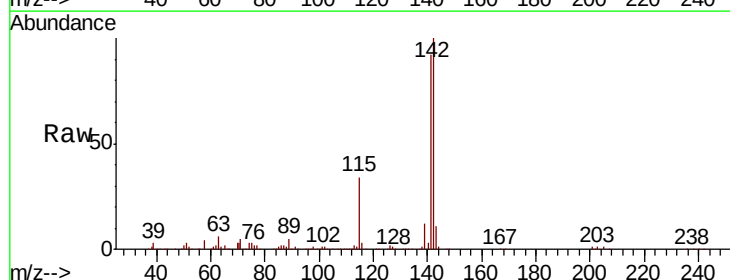
Tgt Ion:142 Resp: 392308

Ion Ratio Lower Upper

142 100

141 92.0 73.8 110.6

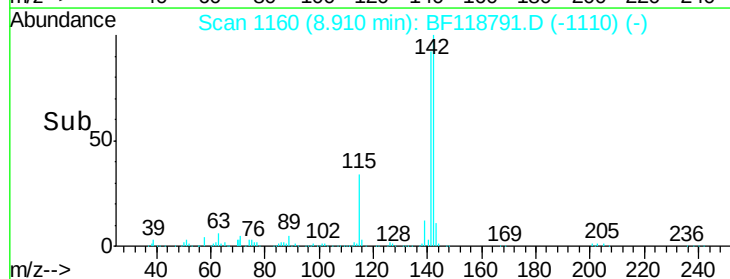
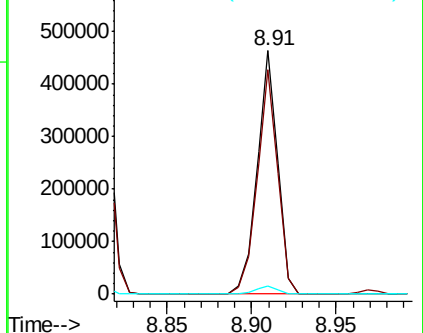
116 3.4 3.0 4.4

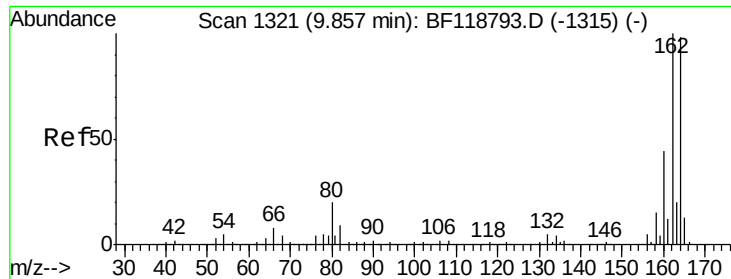


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.00 min

Lab File: BF118791.D

Acq: 3 Feb 2020 11:22

Instrument :

BNA_F

ClientSampleId :

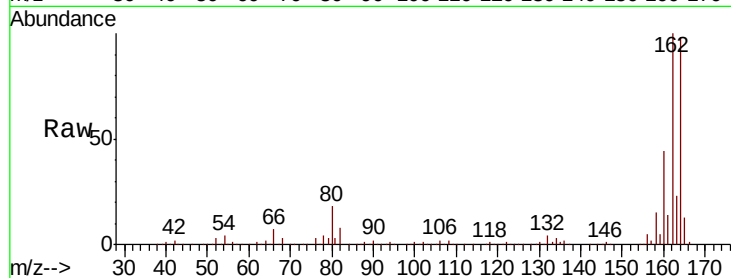
Tot Ion:164 Resp: 647546

Ion Ratio Lower Upper

164 100

162 102.3 81.4 122.2

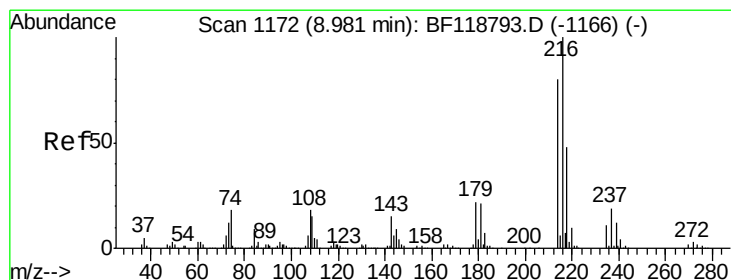
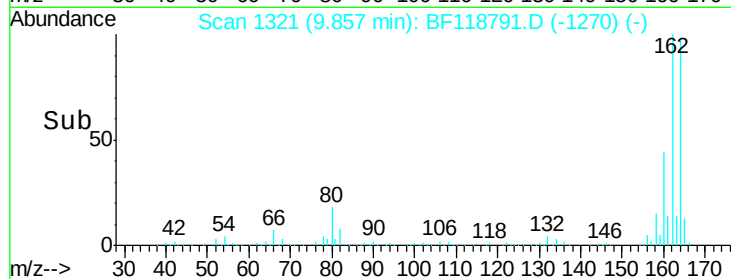
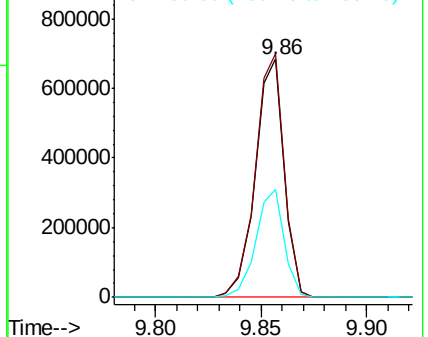
160 45.5 35.6 53.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 11.278 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.00 min

Lab File: BF118791.D

Acq: 3 Feb 2020 11:22

Tgt Ion:216 Resp: 228511

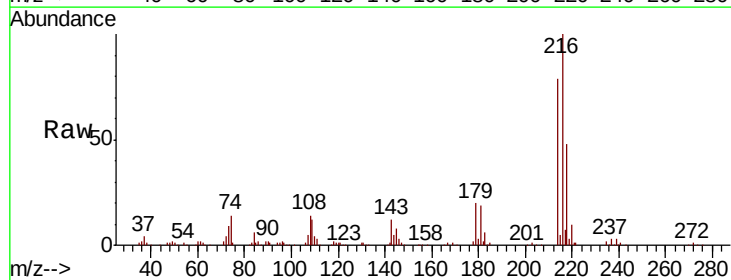
Ion Ratio Lower Upper

216 100

214 78.0 63.0 94.4

179 20.5 17.0 25.6

108 15.4 13.5 20.3

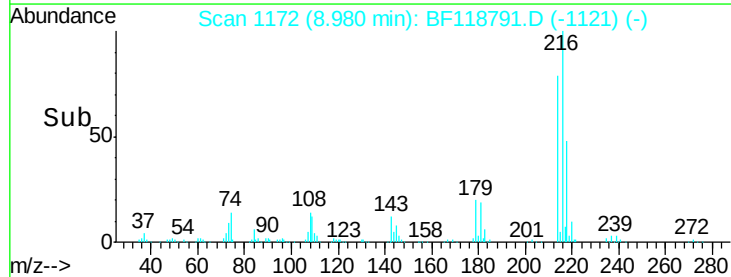
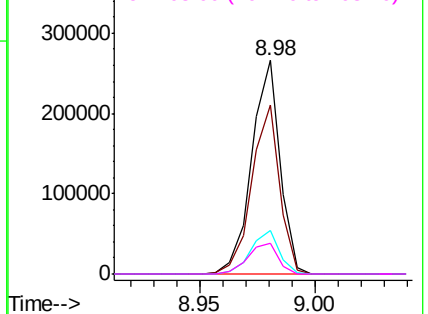


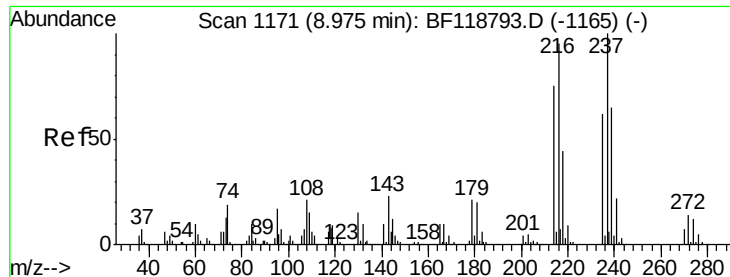
Abundance Ion 216.00 (215.70 to 216.70): E

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: 5.527 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.01 min

Lab File: BF118791.D

Acq: 3 Feb 2020 11:22

Instrument :

BNA_F

ClientSampleId :

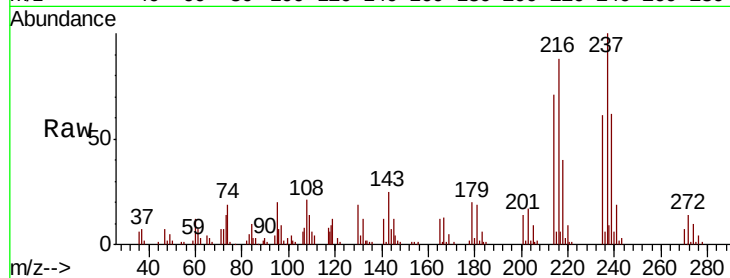
Tot Ion:237 Resp: 56495

Ion Ratio Lower Upper

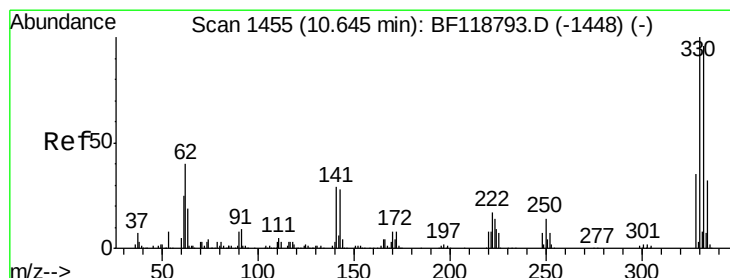
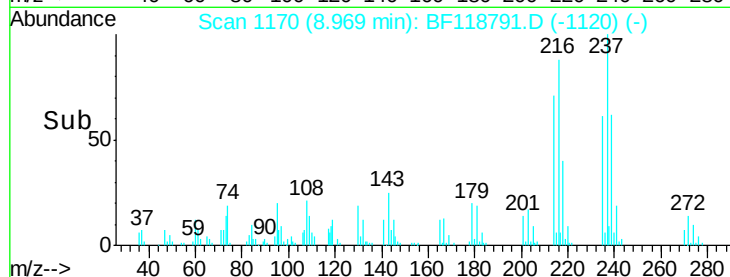
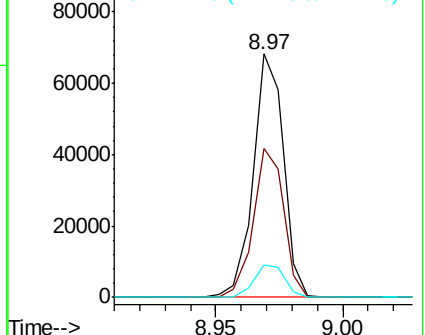
237 100

235 61.2 42.1 82.1

272 13.6 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: 23.162 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF118791.D

Acq: 3 Feb 2020 11:22

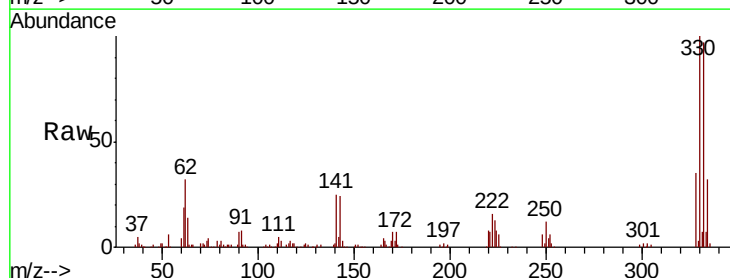
Tgt Ion:330 Resp: 173475

Ion Ratio Lower Upper

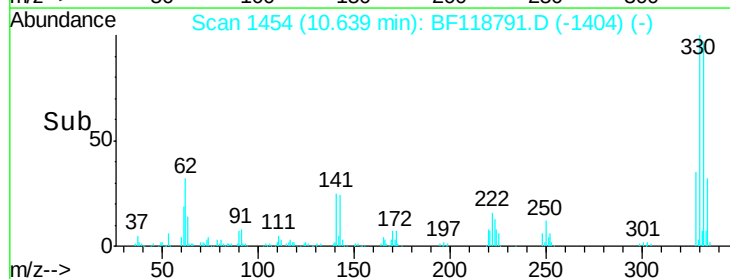
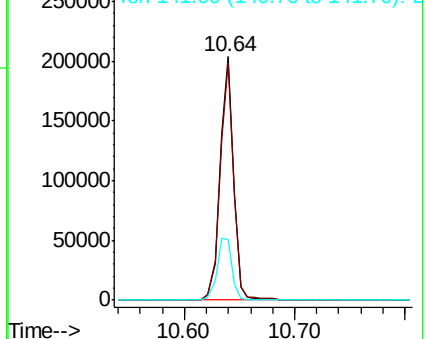
330 100

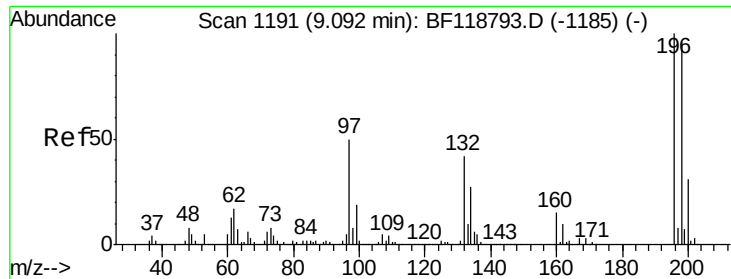
332 97.0 77.3 115.9

141 28.2 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

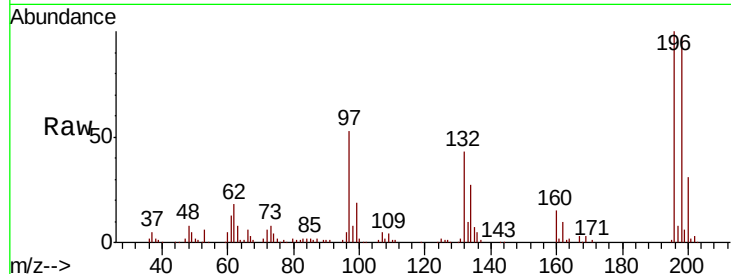




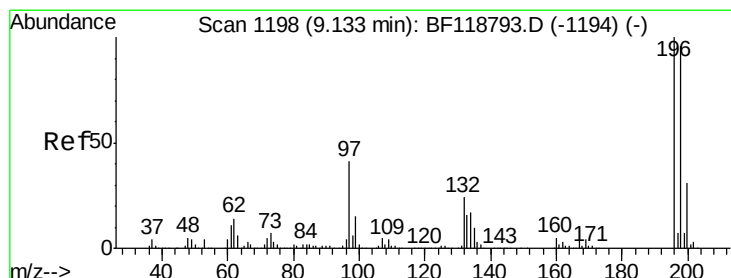
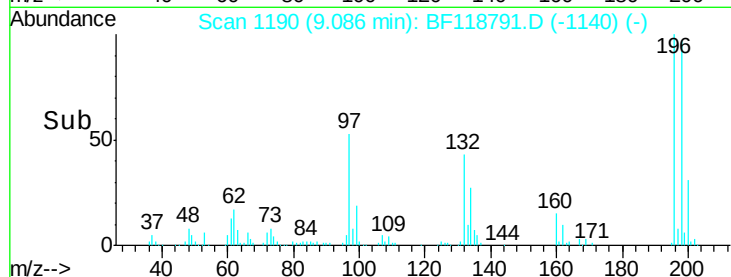
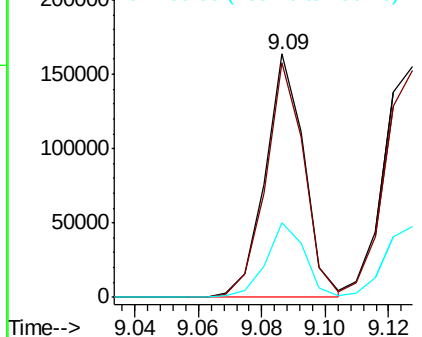
#43
 2,4,6-Trichlorophenol
 Concen: 10.341 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF118791.D
 Acq: 3 Feb 2020 11:22

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:196 Resp: 139034
 Ion Ratio Lower Upper
 196 100
 198 96.5 76.7 115.1
 200 30.5 24.9 37.3

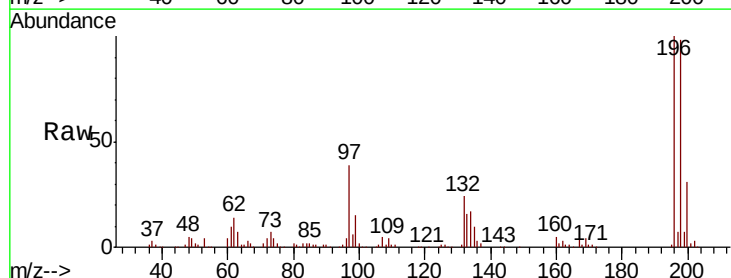


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

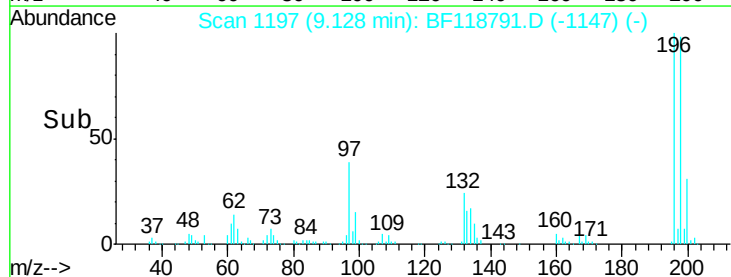
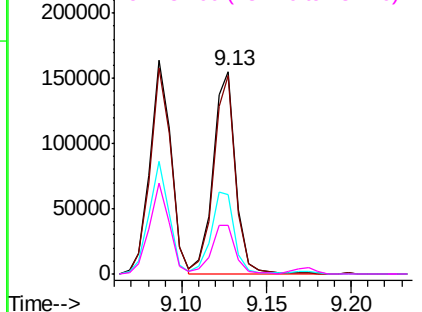


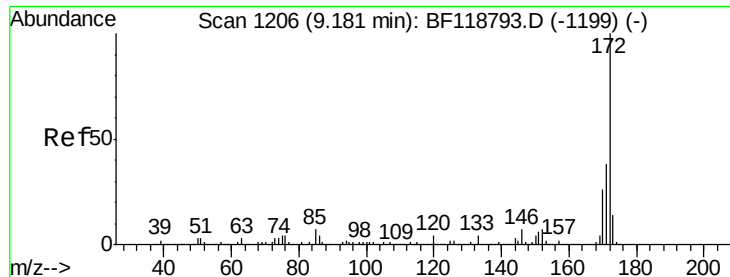
#44
 2,4,5-Trichlorophenol
 Concen: 10.516 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF118791.D
 Acq: 3 Feb 2020 11:22

Tgt Ion:196 Resp: 144394
 Ion Ratio Lower Upper
 196 100
 198 98.2 77.0 115.4
 97 39.4 32.9 49.3
 132 23.8 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

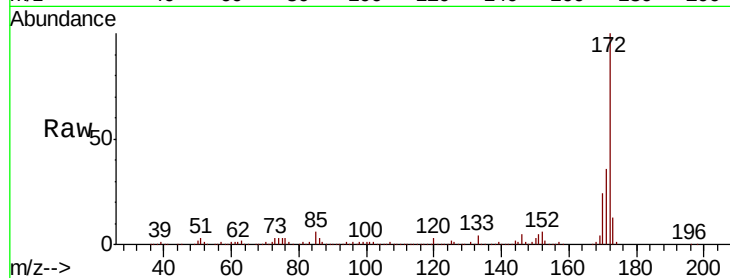




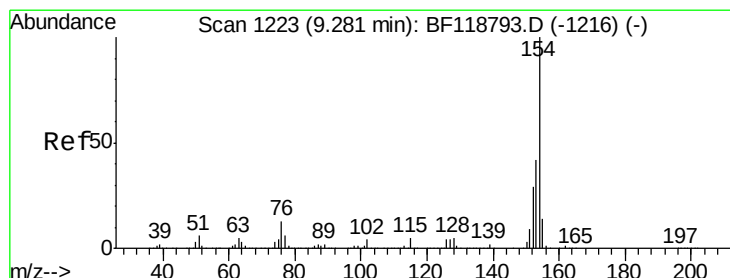
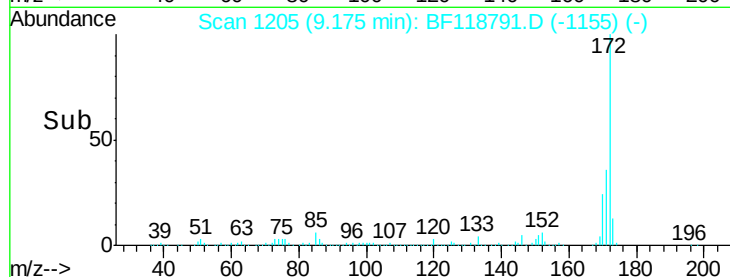
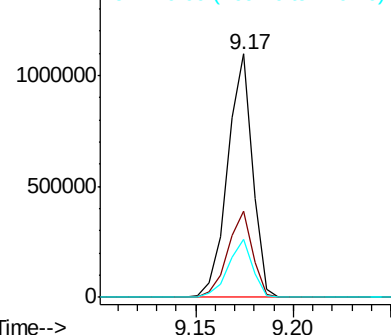
#45
2-Fluorobiphenyl
Concen: 24.514 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.01 min
Lab File: BF118791.D
Acq: 3 Feb 2020 11:22

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 965808
Ion Ratio Lower Upper
172 100
171 35.6 30.8 46.2
170 23.6 20.5 30.7

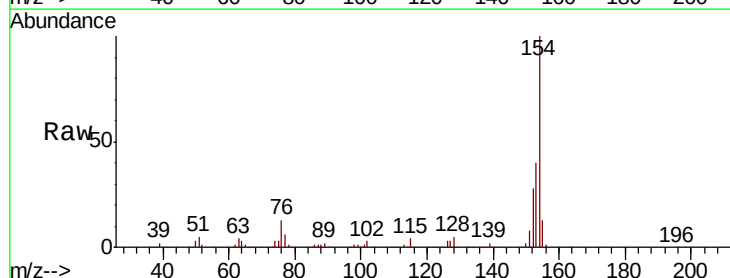


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

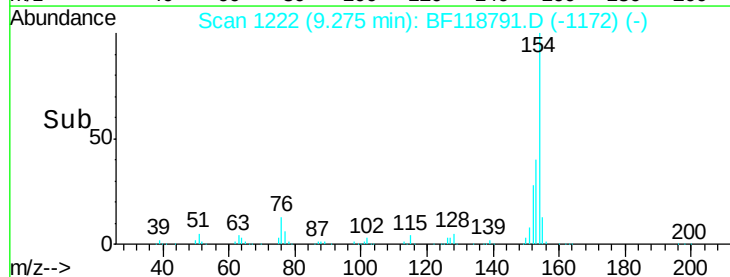
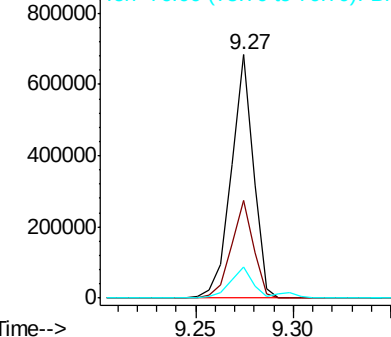


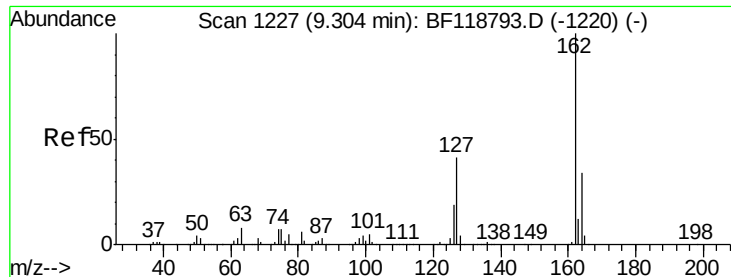
#46
1,1'-Biphenyl
Concen: 12.080 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BF118791.D
Acq: 3 Feb 2020 11:22

Tgt Ion:154 Resp: 539099
Ion Ratio Lower Upper
154 100
153 40.4 22.4 62.4
76 12.8 0.0 32.7



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

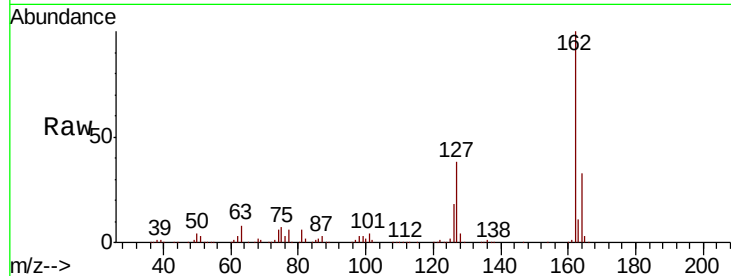




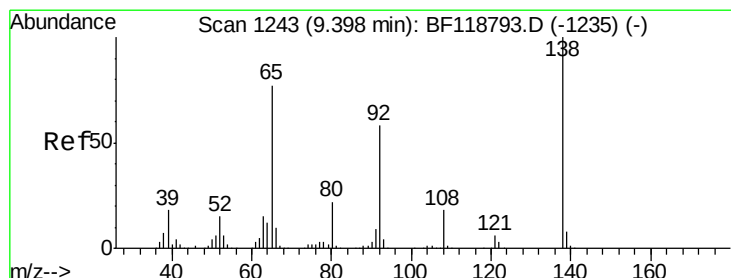
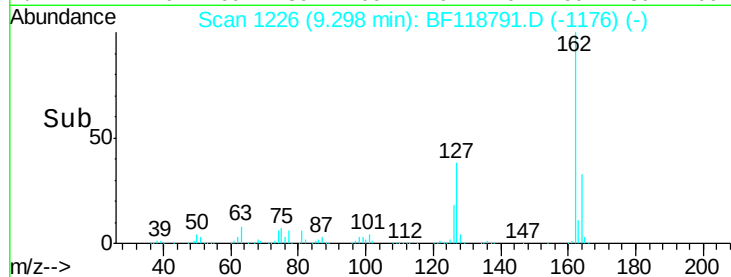
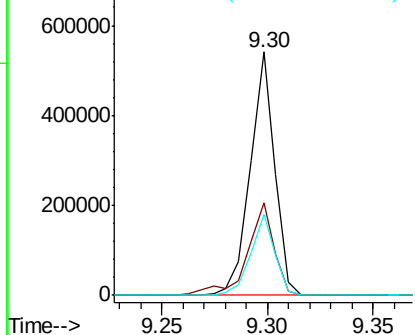
#47
2-Chloronaphthalene
Concen: 11.557 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF118791.D
Acq: 3 Feb 2020 11:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.1	33.3	49.9
164	33.2	27.1	40.7

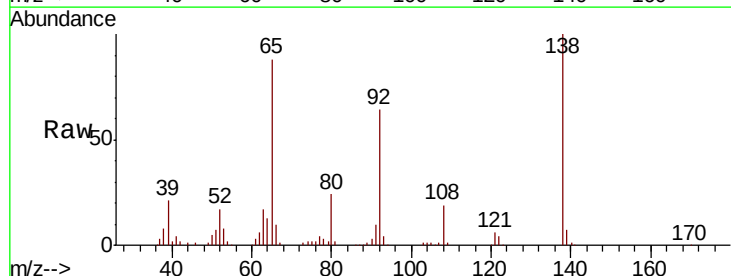


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

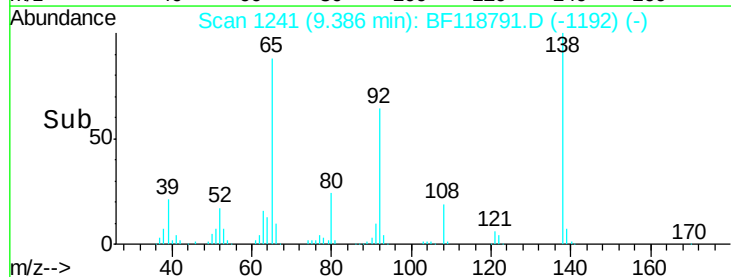
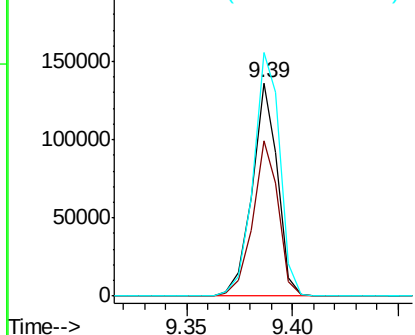


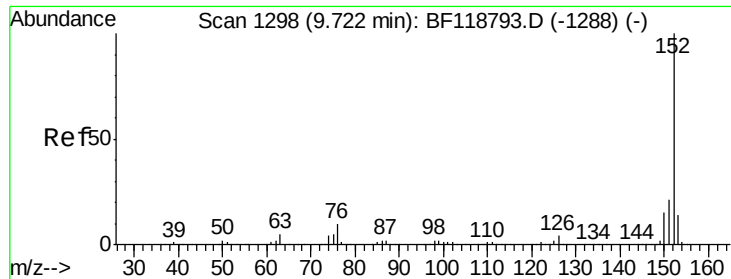
#48
2-Nitroaniline
Concen: 9.819 ng
RT: 9.39 min Scan# 1241
Delta R.T. -0.01 min
Lab File: BF118791.D
Acq: 3 Feb 2020 11:22

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.1	60.6	91.0
138	114.3	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: 12.082 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF118791.D

Acq: 3 Feb 2020 11:22

Instrument :

BNA_F

ClientSampleId :

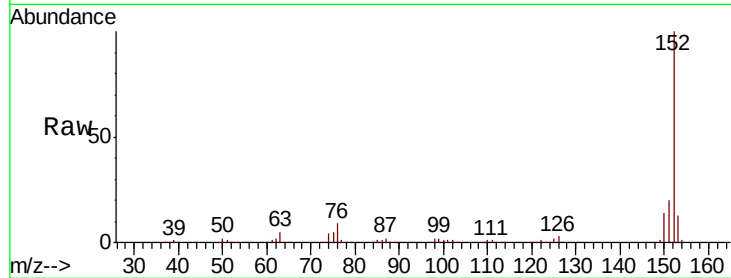
Tot Ion:152 Resp: 639356

Ion Ratio Lower Upper

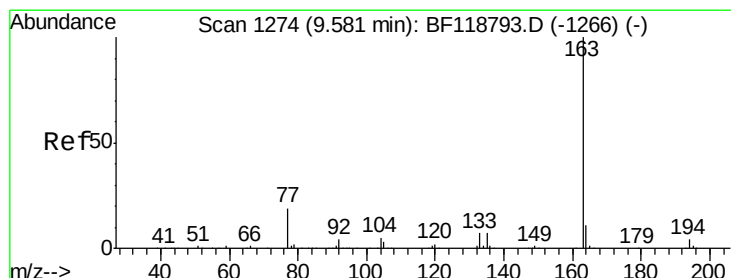
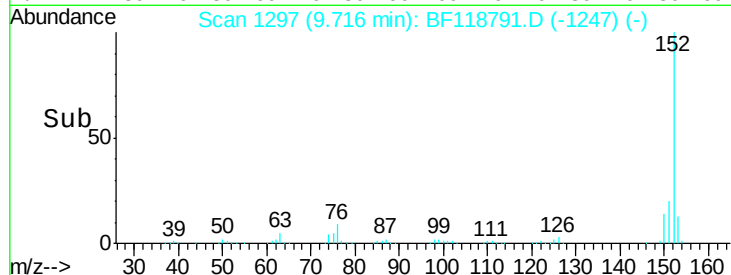
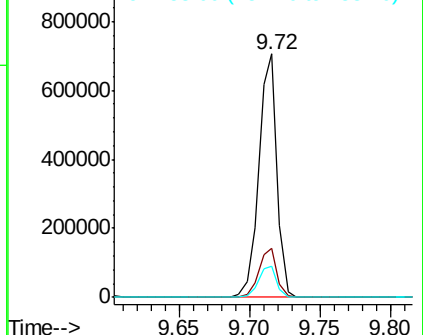
152 100

151 20.4 17.1 25.7

153 12.6 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: 11.913 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.01 min

Lab File: BF118791.D

Acq: 3 Feb 2020 11:22

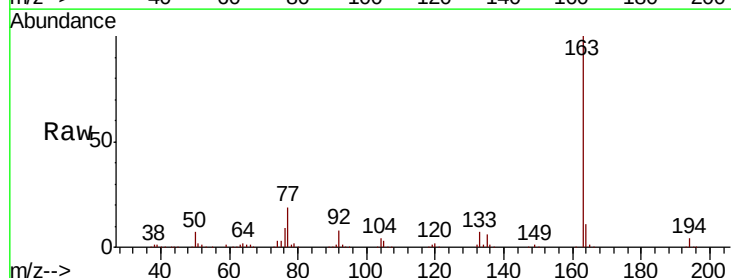
Tgt Ion:163 Resp: 502577

Ion Ratio Lower Upper

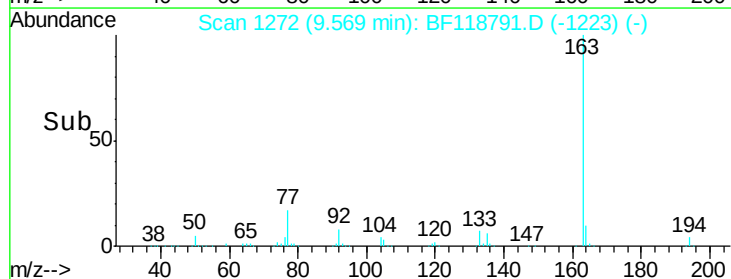
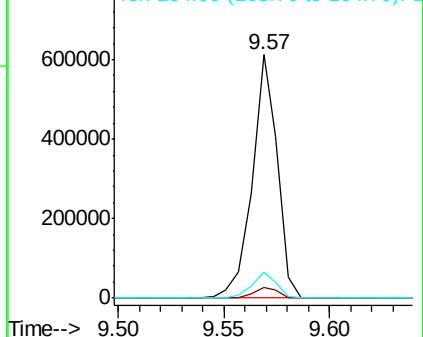
163 100

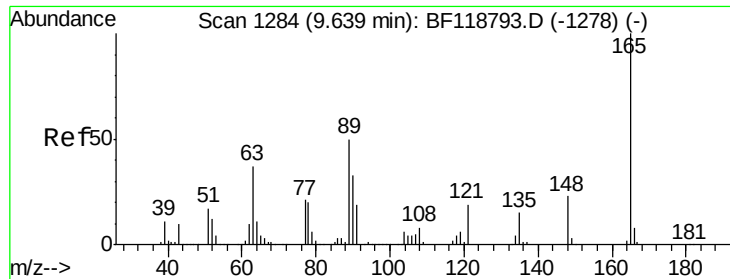
194 4.2 3.6 5.4

164 10.5 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

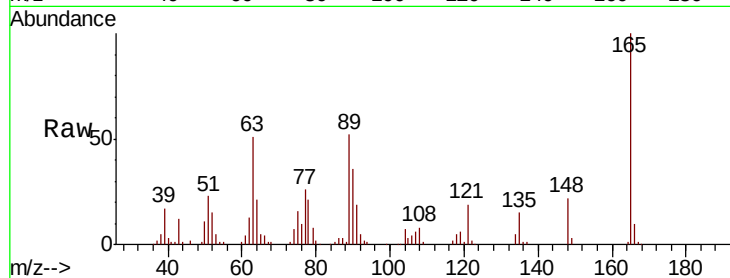




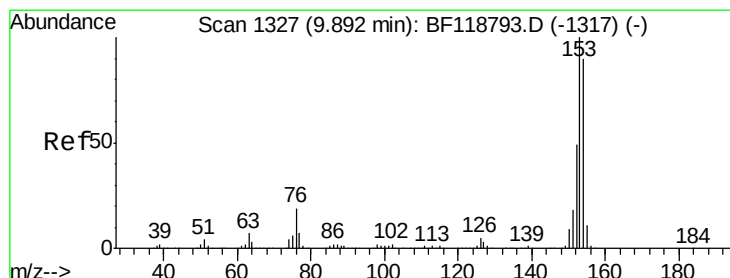
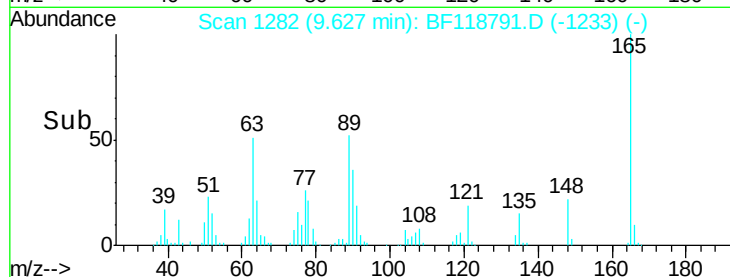
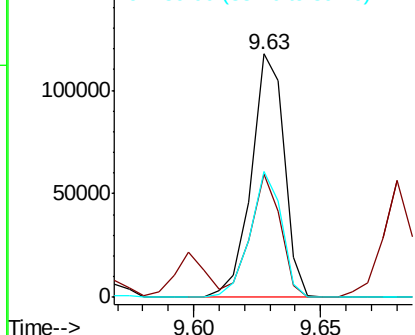
#51
2,6-Dinitrotoluene
Concen: 11.298 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF118791.D
Acq: 3 Feb 2020 11:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 106732
Ion Ratio Lower Upper
165 100
63 50.8 37.4 56.0
89 51.8 39.7 59.5

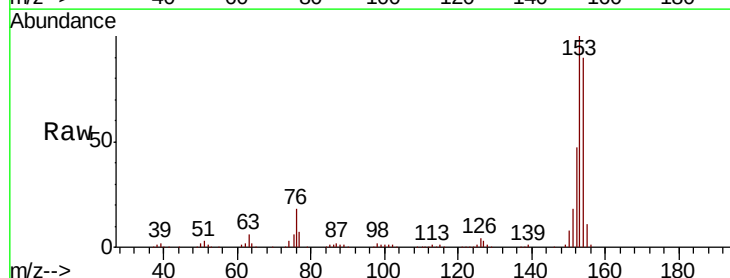


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

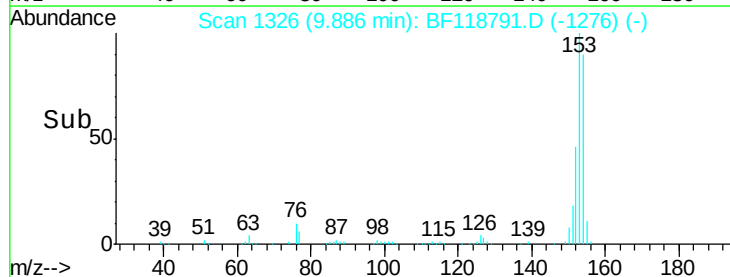
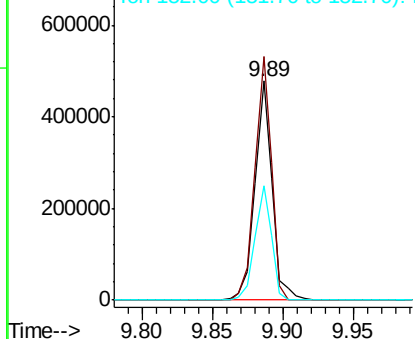


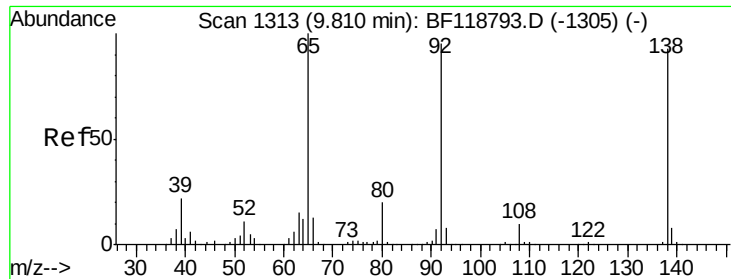
#52
Acenaphthene
Concen: 11.650 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF118791.D
Acq: 3 Feb 2020 11:22

Tgt Ion:154 Resp: 412256
Ion Ratio Lower Upper
154 100
153 111.2 89.4 134.0
152 52.4 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

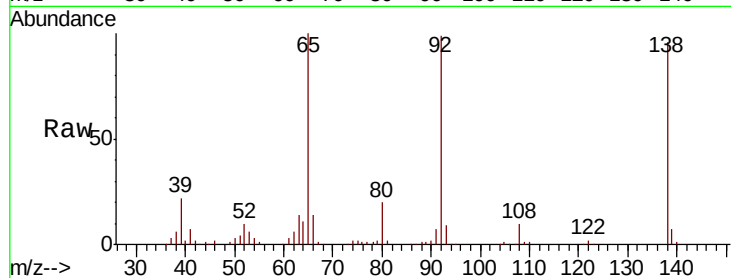




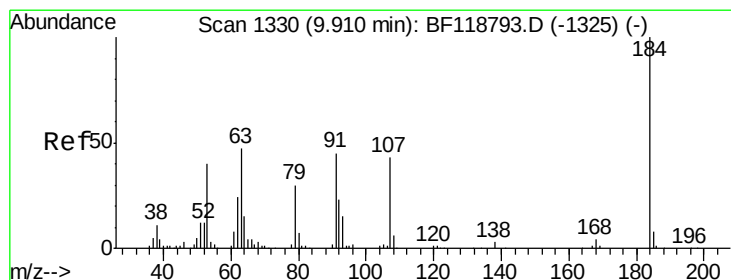
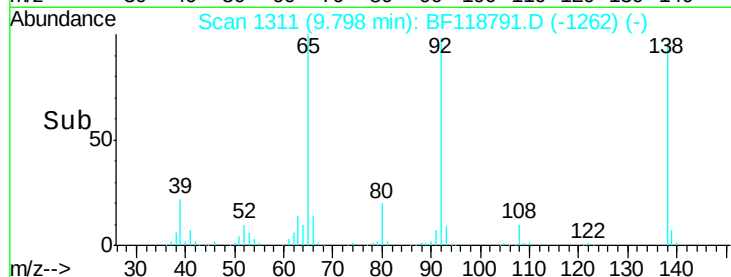
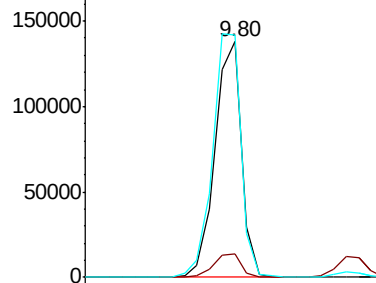
#53
3-Nitroaniline
Concen: 11.119 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF118791.D
Acq: 3 Feb 2020 11:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 119945
Ion Ratio Lower Upper
138 100
108 10.1 8.5 12.7
92 102.8 82.2 123.4

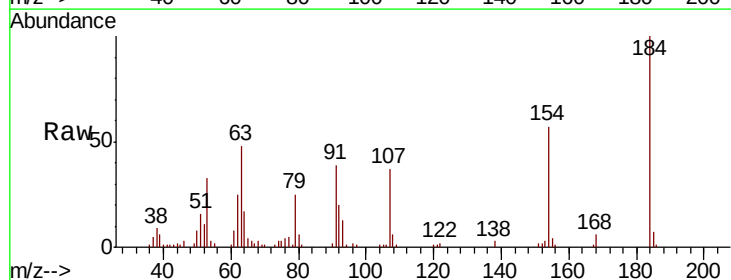


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

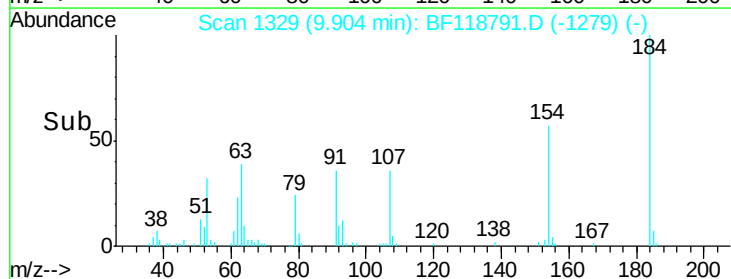
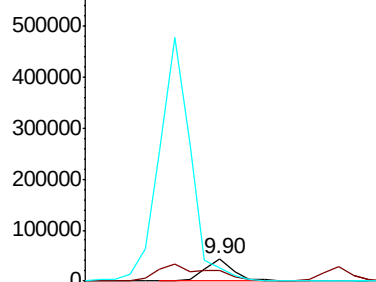


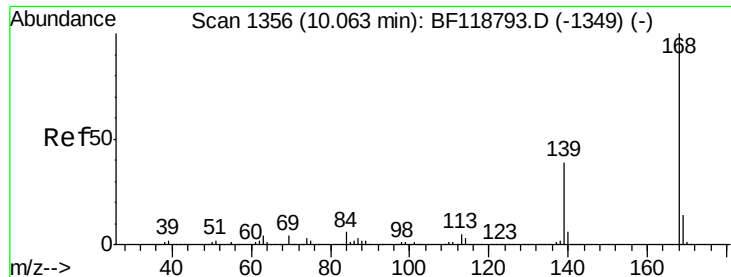
#54
2,4-Dinitrophenol
Concen: 9.391 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BF118791.D
Acq: 3 Feb 2020 11:22

Tgt Ion:184 Resp: 35420
Ion Ratio Lower Upper
184 100
63 48.0 47.5 71.3
154 56.5 48.6 72.8



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

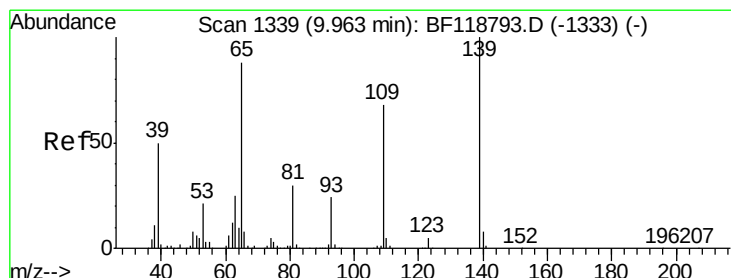
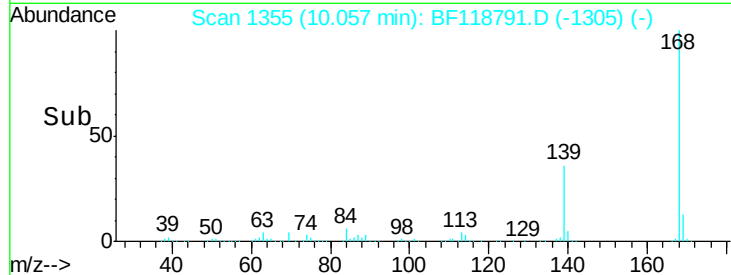
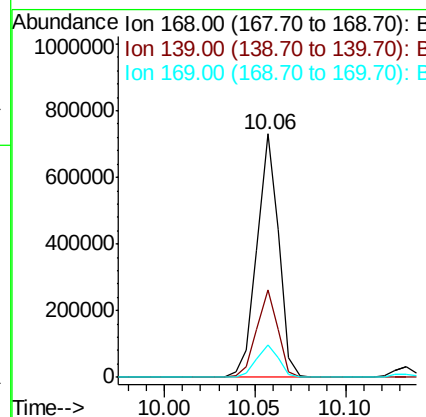
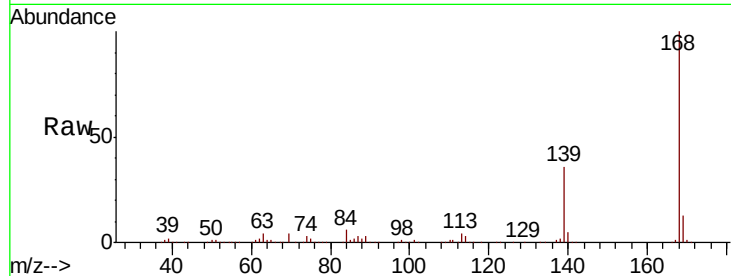




#55
Dibenzenofuran
Concen: 12.386 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF118791.D
Acq: 3 Feb 2020 11:22

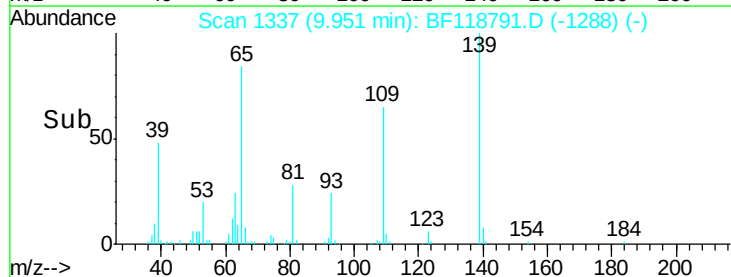
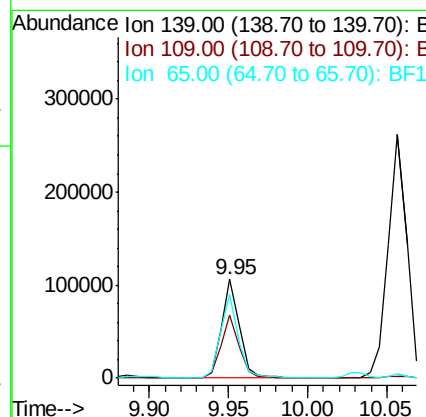
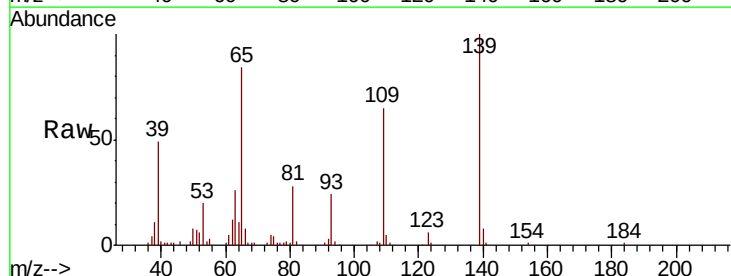
Instrument :
BNA_F
ClientSampled :

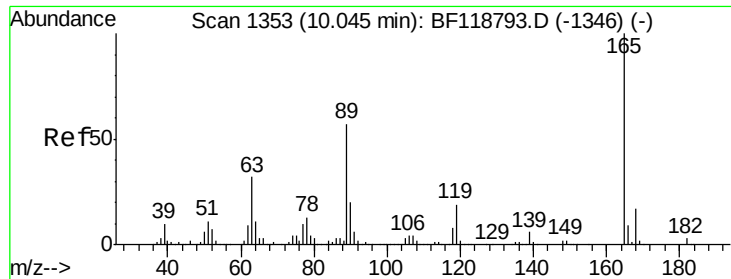
Tot Ion	Ratio	Lower	Upper
168	100		
139	35.9	31.6	47.4
169	13.2	11.4	17.2



#56
4-Nitrophenol
Concen: 10.234 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF118791.D
Acq: 3 Feb 2020 11:22

Tgt Ion	Ratio	Lower	Upper
139	100		
109	64.5	48.0	88.0
65	84.3	68.3	108.3

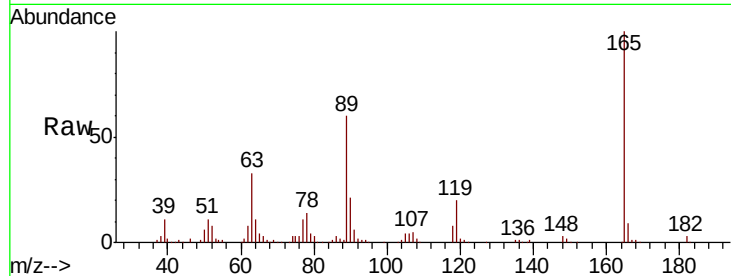




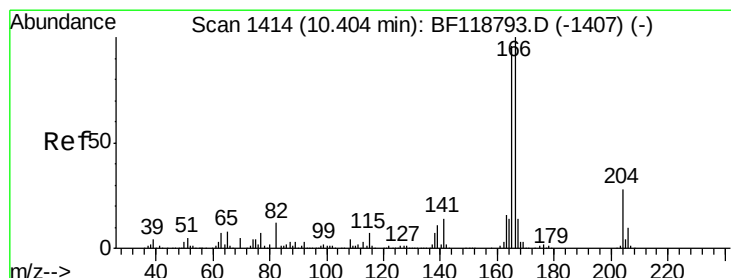
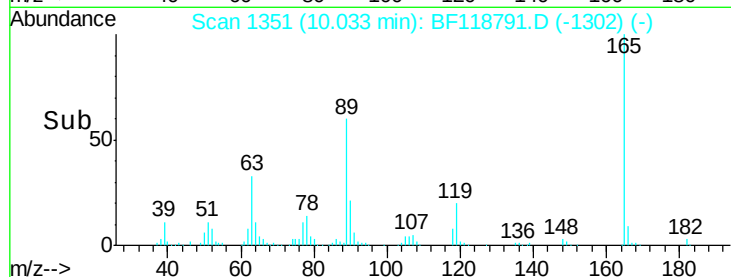
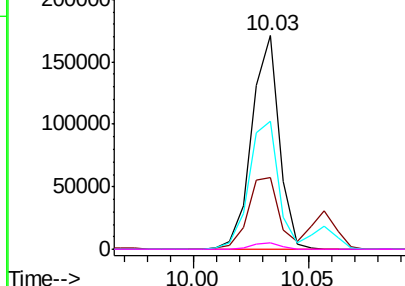
#57
 2,4-Dinitrotoluene
 Concen: 11.930 ng
 RT: 10.03 min Scan# 1351
 Delta R.T. -0.01 min
 Lab File: BF118791.D
 Acq: 3 Feb 2020 11:22

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	165	Resp:	142085
Ion	Ratio	Lower	Upper
165	100		
63	33.4	25.5	38.3
89	60.1	45.4	68.0
182	3.0	2.4	3.6

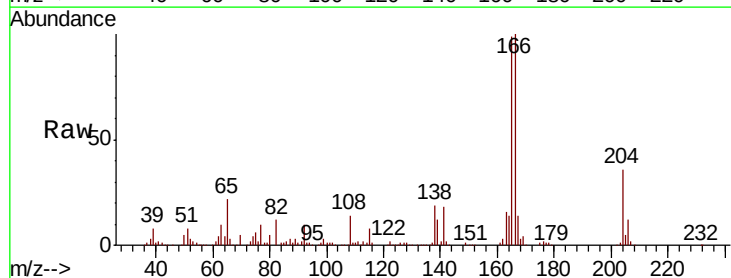


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

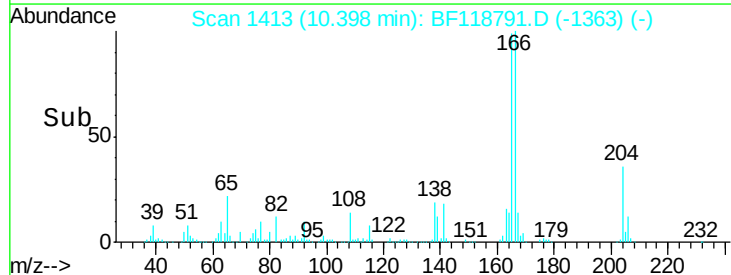
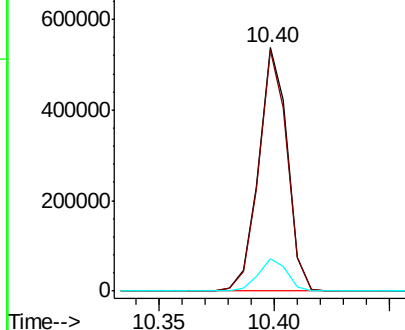


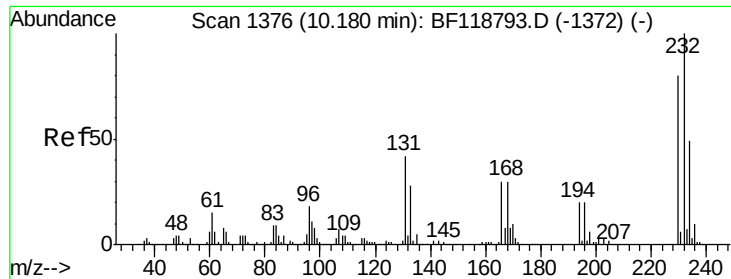
#58
 Fluorene
 Concen: 12.144 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. -0.01 min
 Lab File: BF118791.D
 Acq: 3 Feb 2020 11:22

Tgt Ion:	166	Resp:	467526
Ion	Ratio	Lower	Upper
166	100		
165	99.2	77.0	115.6
167	13.6	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

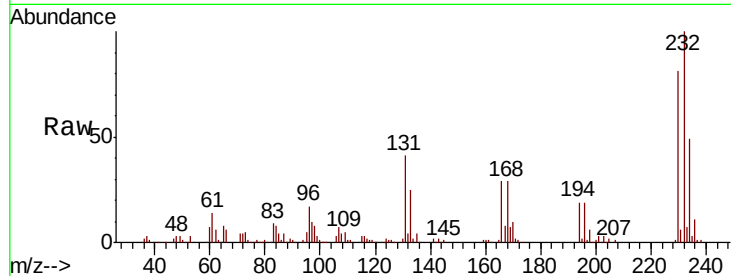




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 10.413 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. -0.01 min
 Lab File: BF118791.D
 Acq: 3 Feb 2020 11:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	40.6	31.8	47.6
130	1.9	1.6	2.4
166	28.6	23.1	34.7

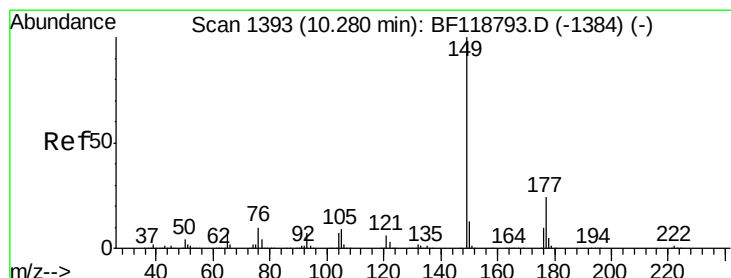
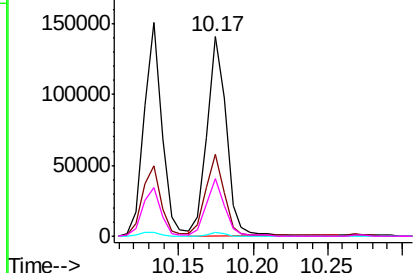
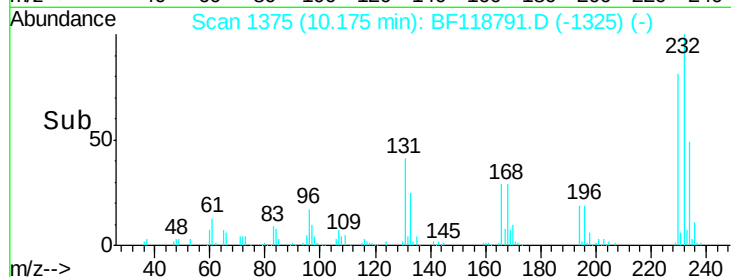


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

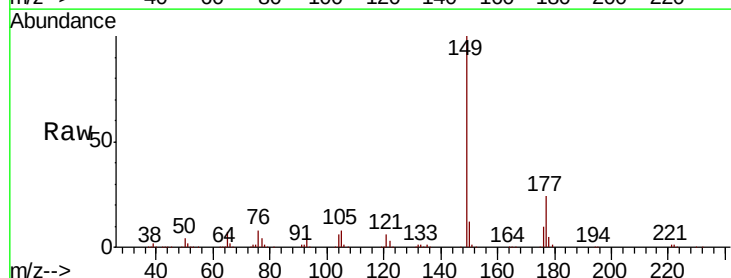
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 12.227 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. -0.01 min
 Lab File: BF118791.D
 Acq: 3 Feb 2020 11:22

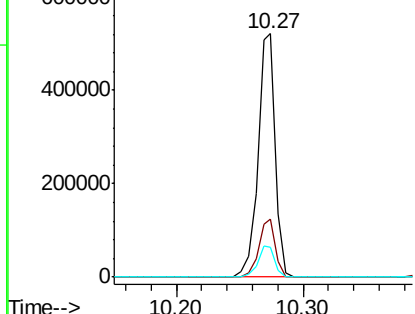
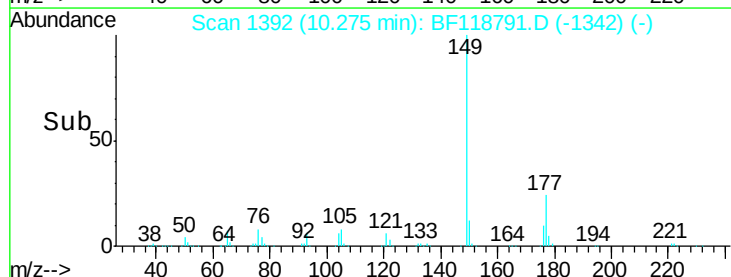
Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.1	19.3	28.9
150	12.5	10.4	15.6

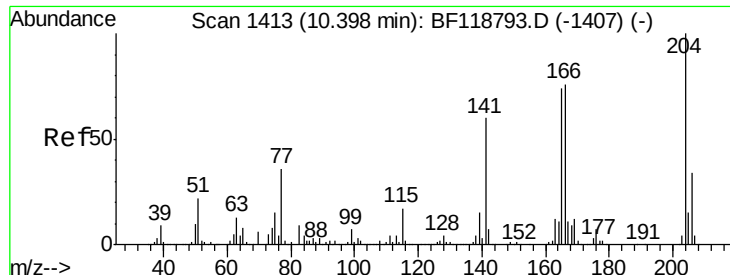


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

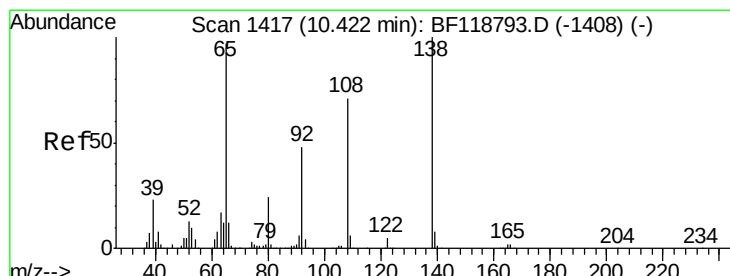
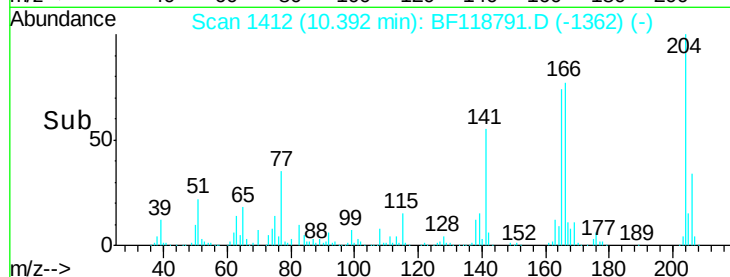
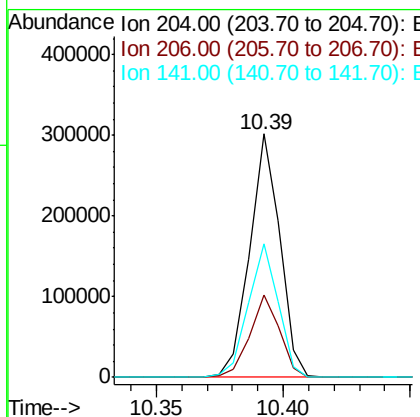
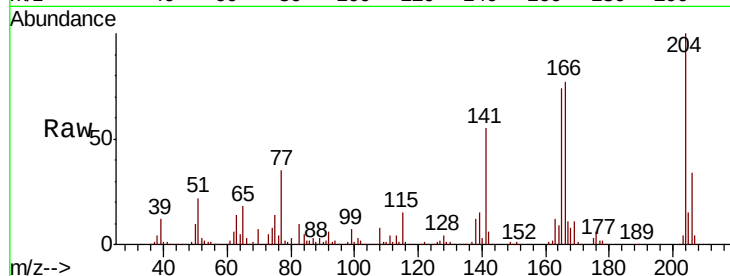




#61
4-Chlorophenyl-phenylether
Concen: 11.987 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BF118791.D
Acq: 3 Feb 2020 11:22

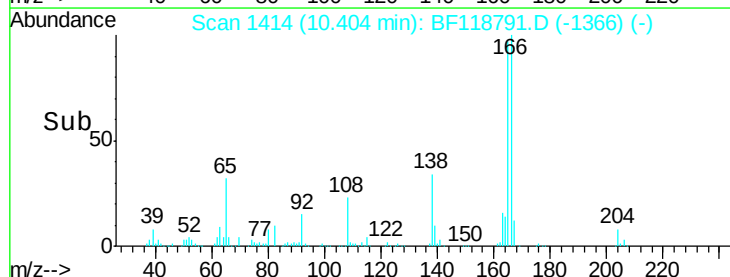
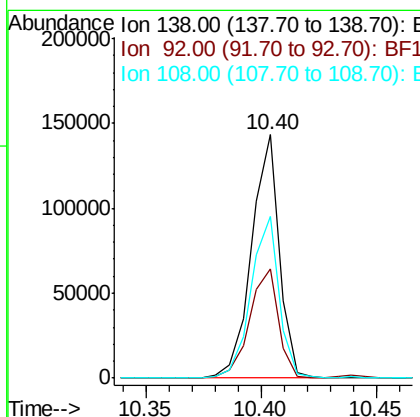
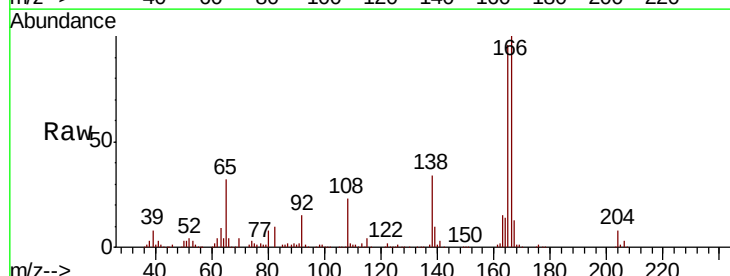
Instrument :
BNA_F
ClientSampled :

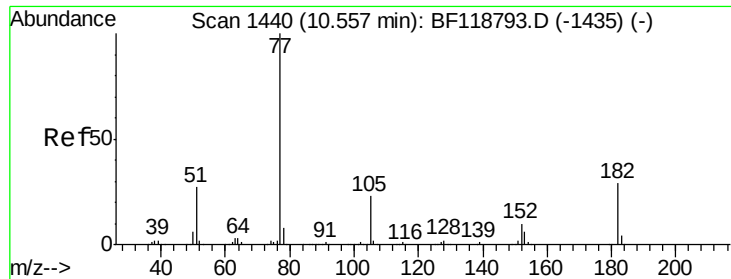
Tot Ion:204 Resp: 250987
Ion Ratio Lower Upper
204 100
206 33.7 27.4 41.2
141 54.8 47.8 71.6



#62
4-Nitroaniline
Concen: 10.917 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.02 min
Lab File: BF118791.D
Acq: 3 Feb 2020 11:22

Tgt Ion:138 Resp: 120798
Ion Ratio Lower Upper
138 100
92 45.0 27.6 67.6
108 66.4 51.3 91.3





#63

Azobenzene

Concen: 10.722 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF118791.D

Acq: 3 Feb 2020 11:22

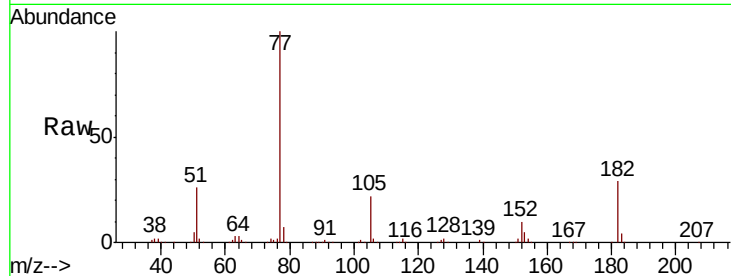
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 424766

Ion	Ratio	Lower	Upper
77	100		
182	29.3	9.2	49.2
105	22.5	3.1	43.1
51	26.1	7.4	47.4

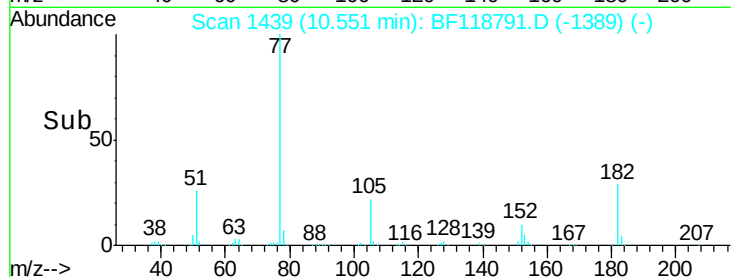


Abundance Ion 77.00 (76.70 to 77.70): BF1

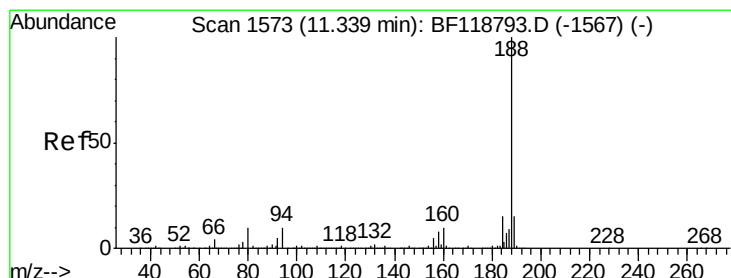
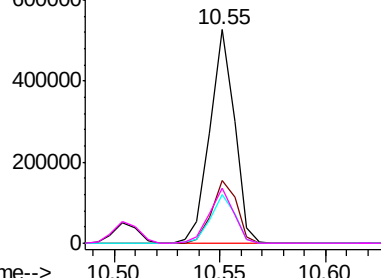
Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.34 min Scan# 1573

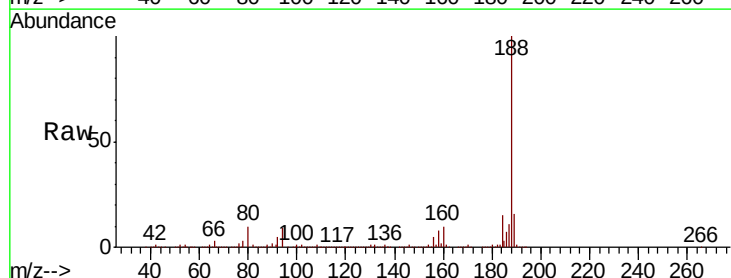
Delta R.T. -0.00 min

Lab File: BF118791.D

Acq: 3 Feb 2020 11:22

Tgt Ion: 188 Resp: 1235924

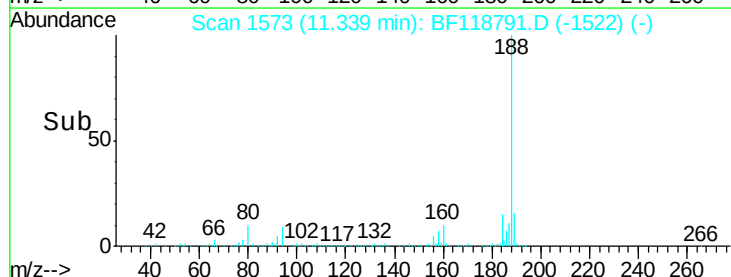
Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.9	11.9
80	9.8	8.4	12.6



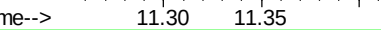
Abundance Ion 188.00 (187.70 to 188.70): BF1

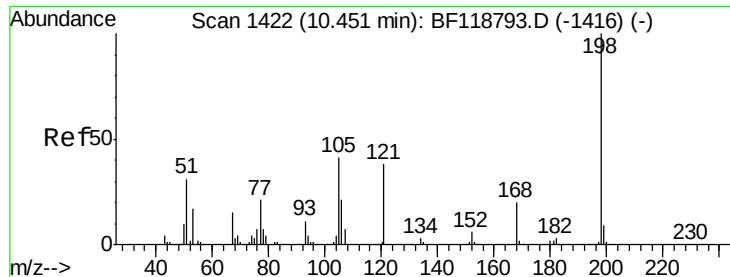
Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



Time-->

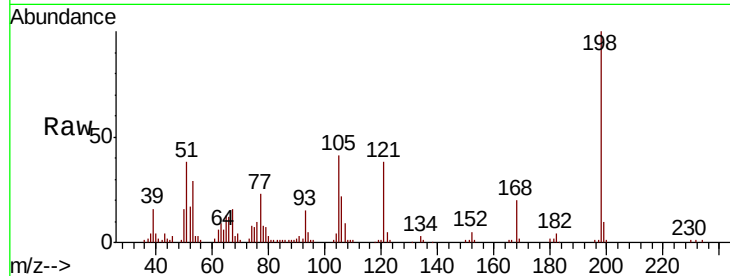




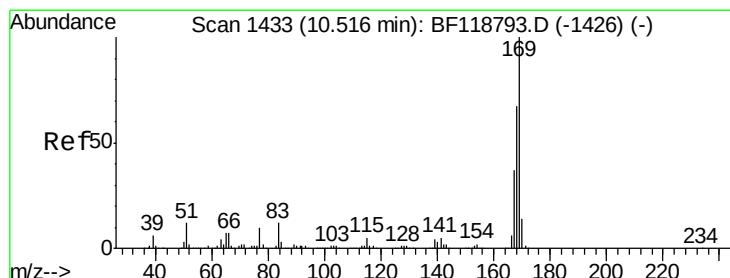
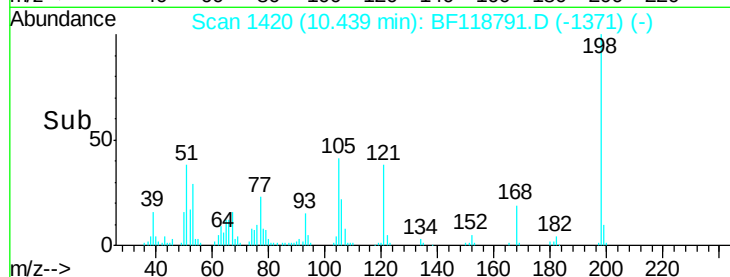
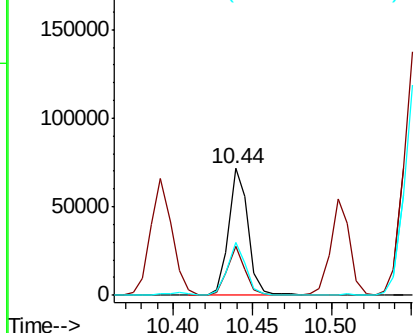
#65
4,6-Dinitro-2-methylphenol
Concen: 11.280 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF118791.D
Acq: 3 Feb 2020 11:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 61302
Ion Ratio Lower Upper
198 100
51 38.2 16.7 56.7
105 41.2 22.0 62.0

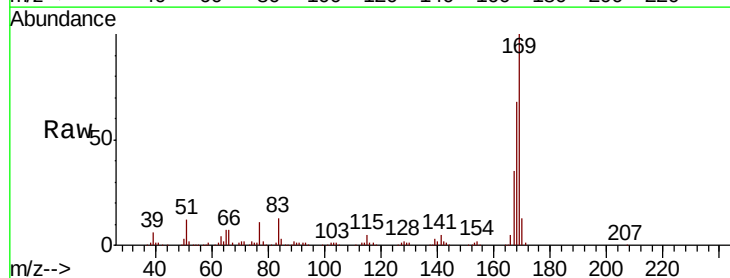


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

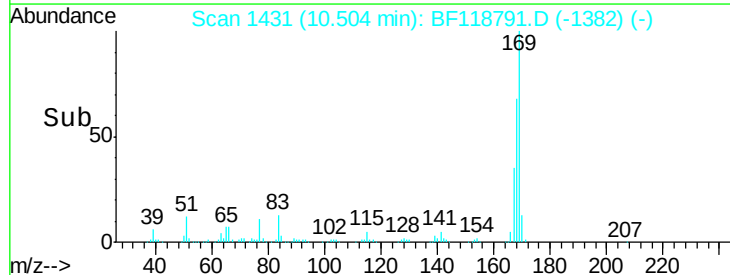
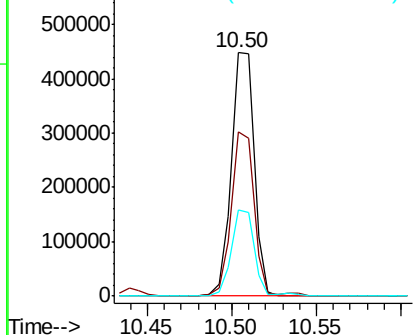


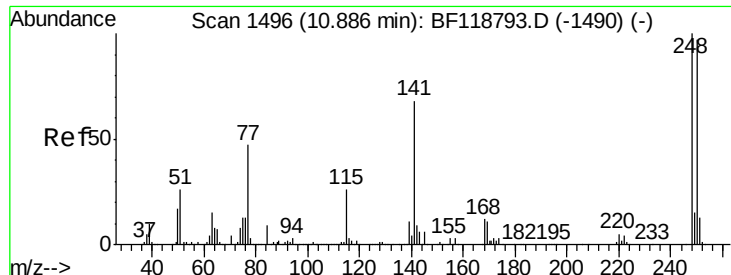
#66
n-Nitrosodiphenylamine
Concen: 11.239 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BF118791.D
Acq: 3 Feb 2020 11:22

Tgt Ion:169 Resp: 418902
Ion Ratio Lower Upper
169 100
168 67.6 53.5 80.3
167 35.3 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

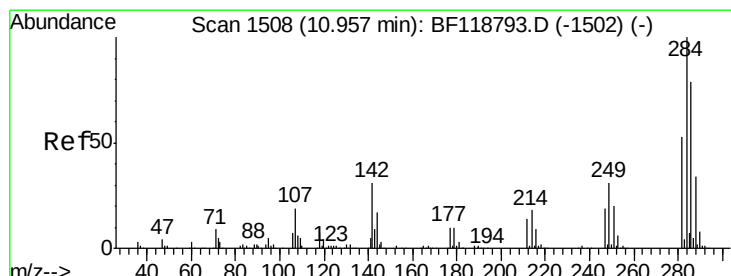
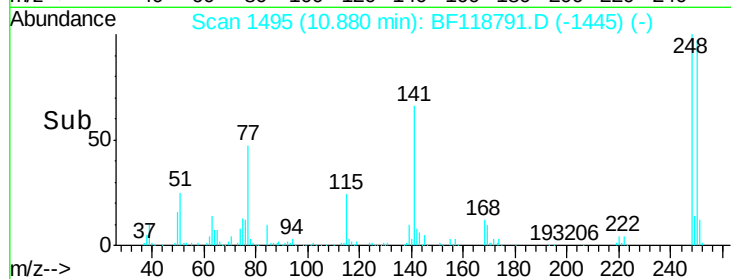
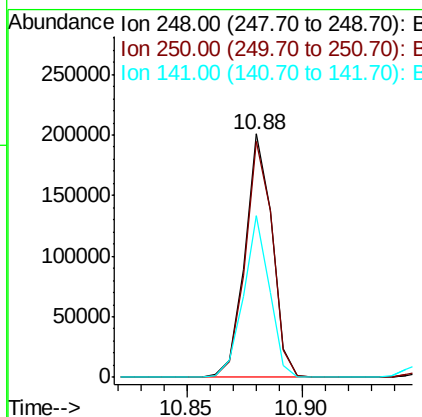
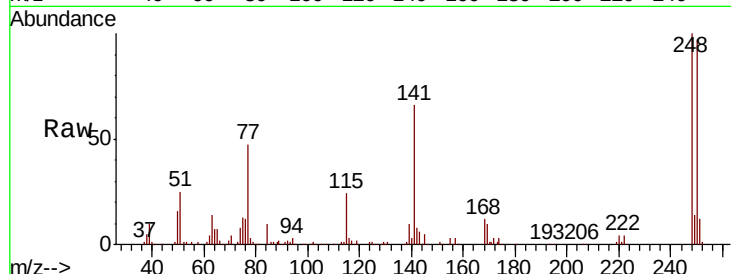




#67
4-Bromophenyl-phenylether
Concen: 10.857 ng
RT: 10.88 min Scan# 1495
Delta R.T. -0.01 min
Lab File: BF118791.D
Acq: 3 Feb 2020 11:22

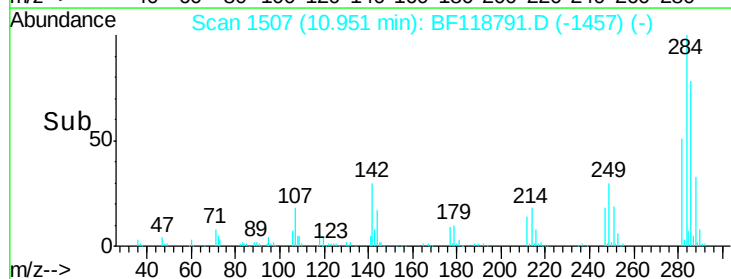
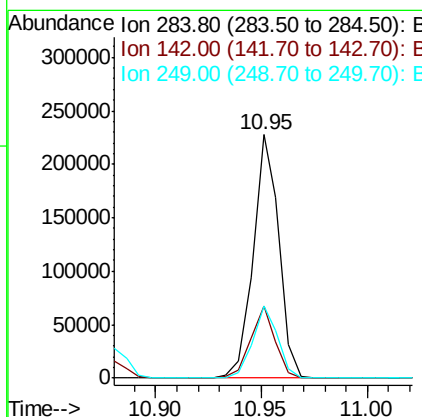
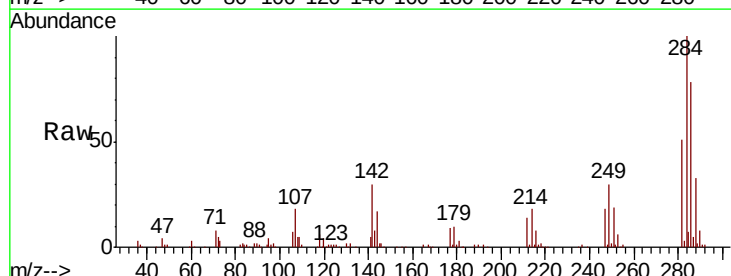
Instrument :
BNA_F
ClientSampled :

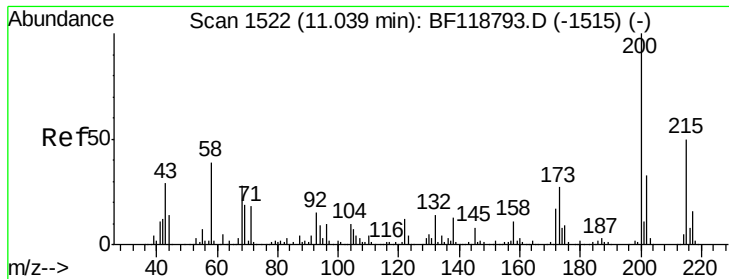
Tot Ion:248 Resp: 165785
Ion Ratio Lower Upper
248 100
250 96.8 77.6 116.4
141 66.4 54.4 81.6



#68
Hexachlorobenzene
Concen: 11.090 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF118791.D
Acq: 3 Feb 2020 11:22

Tgt Ion:284 Resp: 191987
Ion Ratio Lower Upper
284 100
142 29.7 24.5 36.7
249 29.5 24.7 37.1

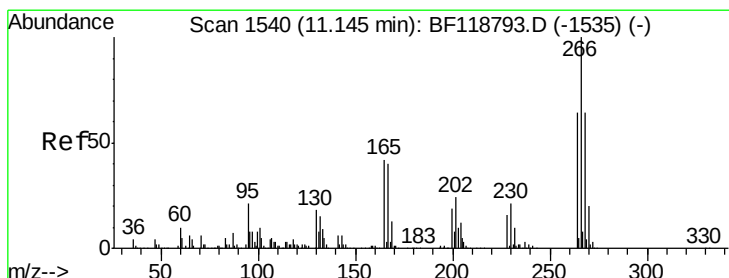
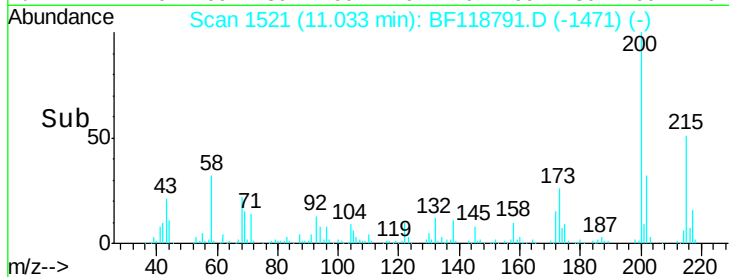
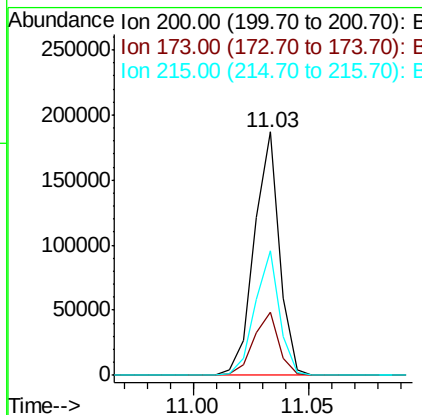
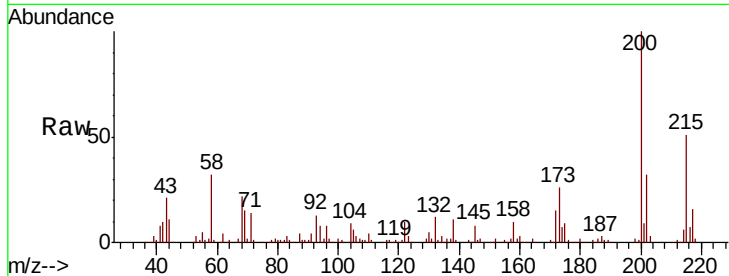




#69
Atrazine
Concen: 10.984 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.01 min
Lab File: BF118791.D
Acq: 3 Feb 2020 11:22

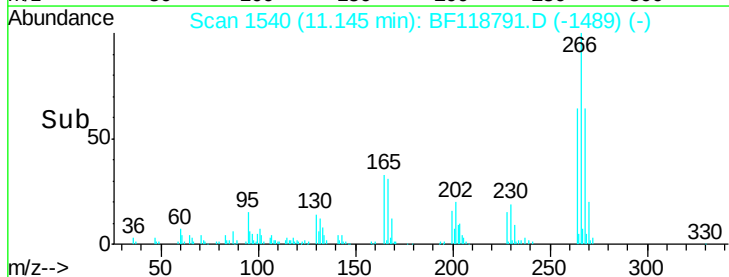
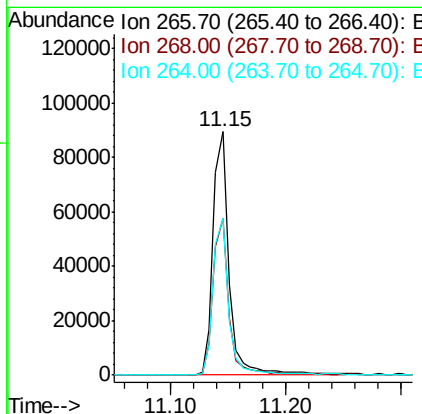
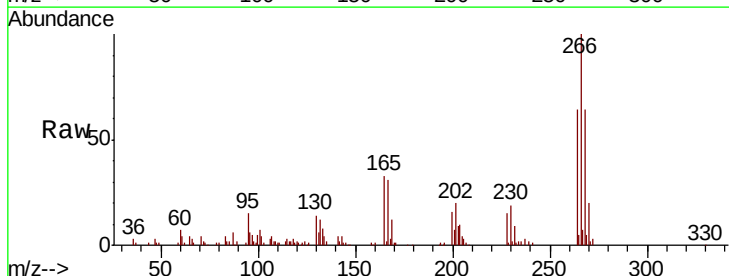
Instrument :
BNA_F
ClientSampled :

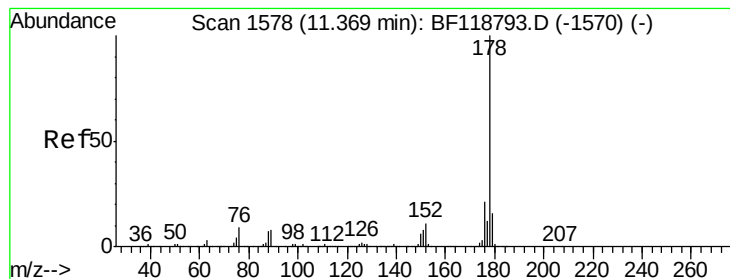
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.1	7.5	47.5
215	51.2	29.9	69.9



#70
Pentachlorophenol
Concen: 8.981 ng
RT: 11.15 min Scan# 1540
Delta R.T. -0.00 min
Lab File: BF118791.D
Acq: 3 Feb 2020 11:22

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.5	51.0	76.6
264	64.3	51.4	77.2





#71

Phenanthrene

Concen: 12.127 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF118791.D

Acq: 3 Feb 2020 11:22

Instrument :

BNA_F

ClientSampled :

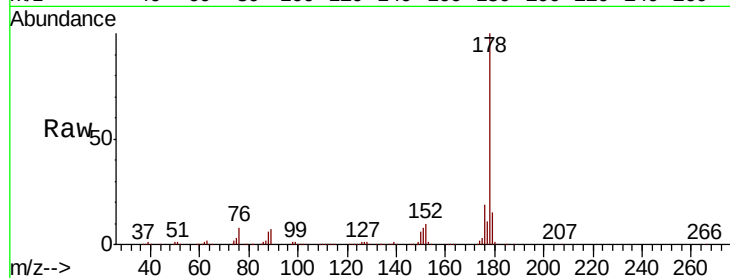
Tot Ion:178 Resp: 723073

Ion Ratio Lower Upper

178 100

176 19.3 16.6 24.8

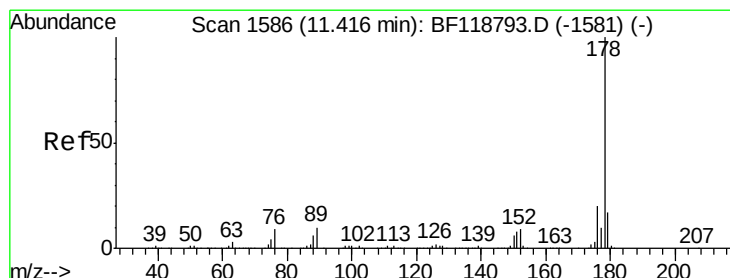
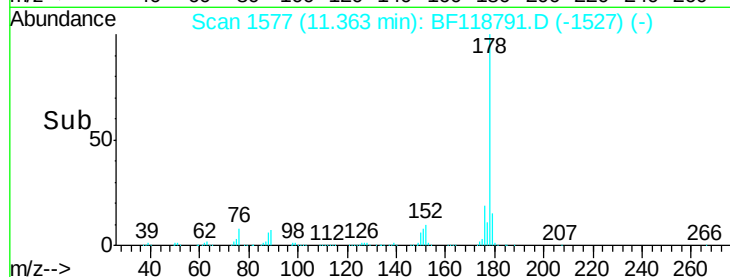
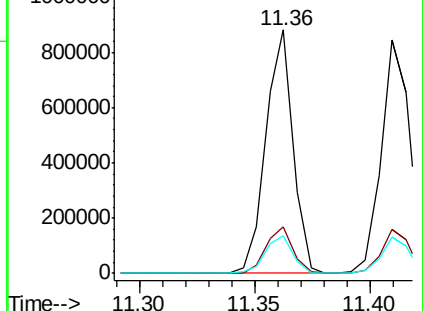
179 15.4 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 12.313 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF118791.D

Acq: 3 Feb 2020 11:22

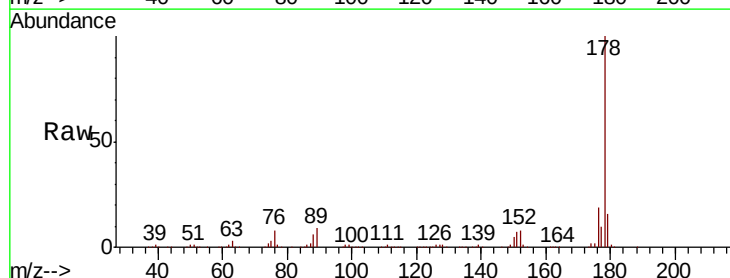
Tgt Ion:178 Resp: 726480

Ion Ratio Lower Upper

178 100

176 19.0 16.2 24.2

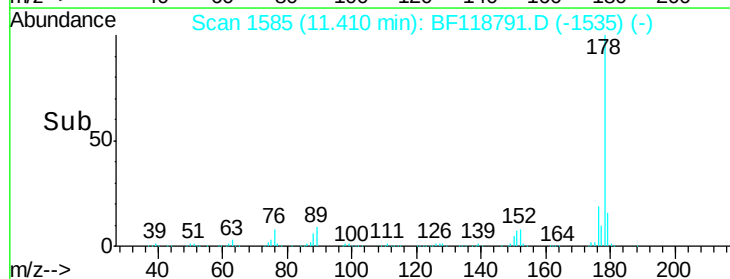
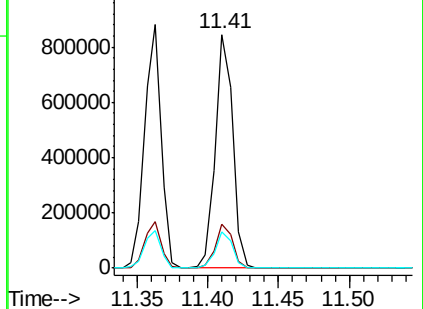
179 15.6 13.4 20.2

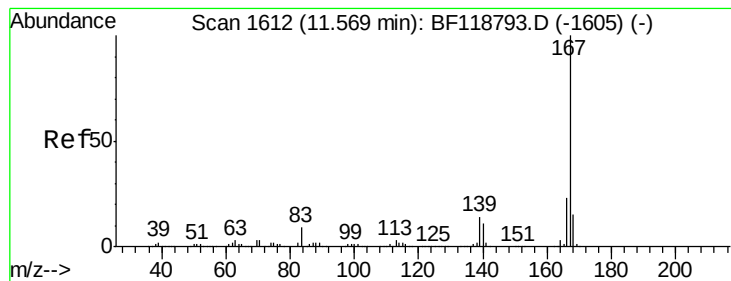


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 11.880 ng

RT: 11.56 min Scan# 1611

Delta R.T. -0.01 min

Lab File: BF118791.D

Acq: 3 Feb 2020 11:22

Instrument :

BNA_F

ClientSampleId :

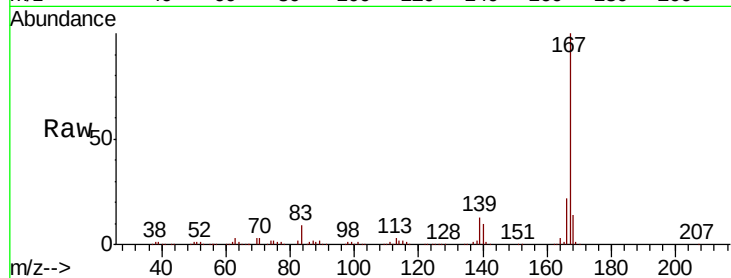
Tot Ion:167 Resp: 642910

Ion Ratio Lower Upper

167 100

166 21.9 18.4 27.6

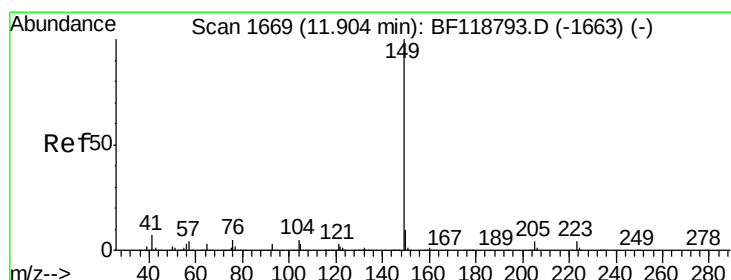
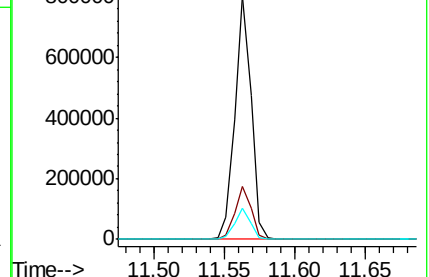
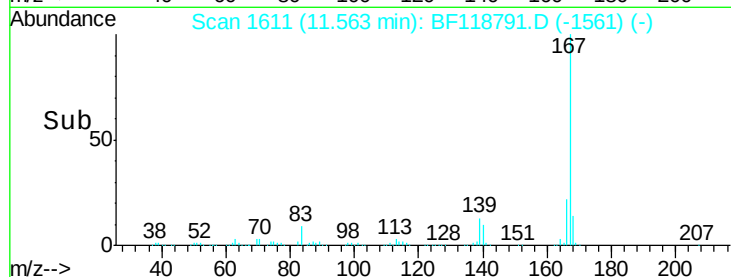
139 12.8 11.1 16.7



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 13.261 ng

RT: 11.90 min Scan# 1668

Delta R.T. -0.01 min

Lab File: BF118791.D

Acq: 3 Feb 2020 11:22

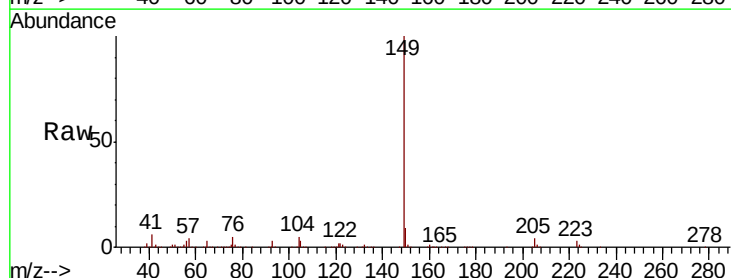
Tgt Ion:149 Resp: 797326

Ion Ratio Lower Upper

149 100

150 9.5 8.1 12.1

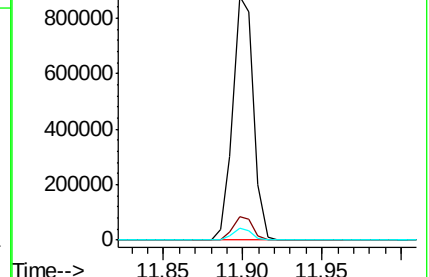
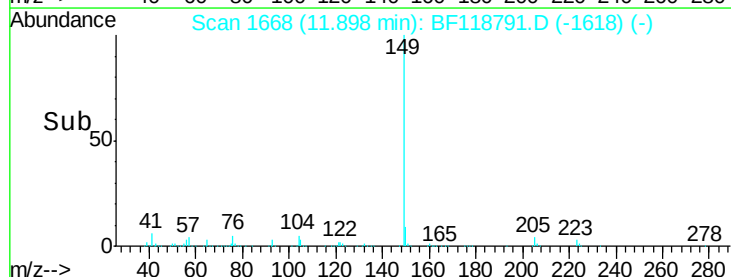
104 4.8 4.3 6.5

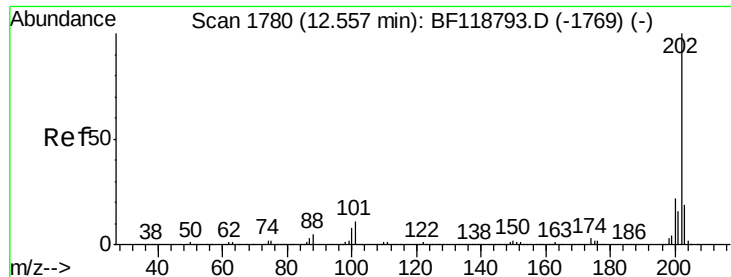


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

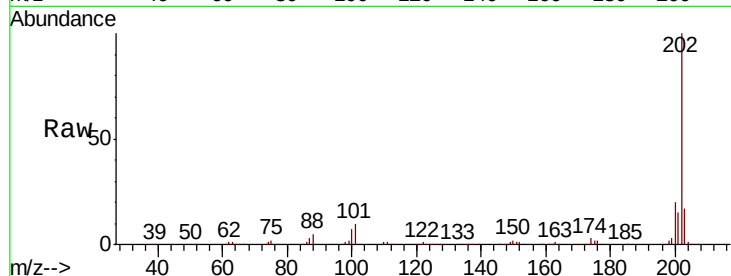




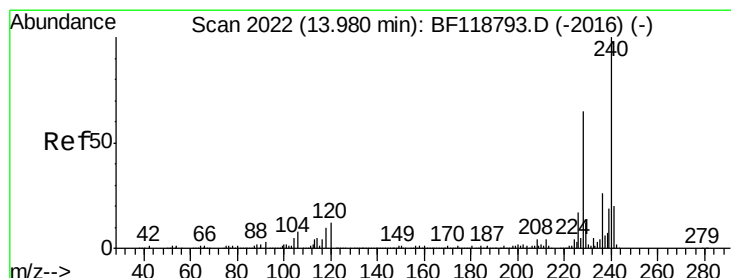
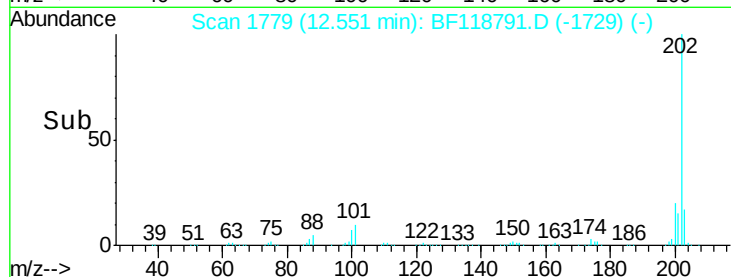
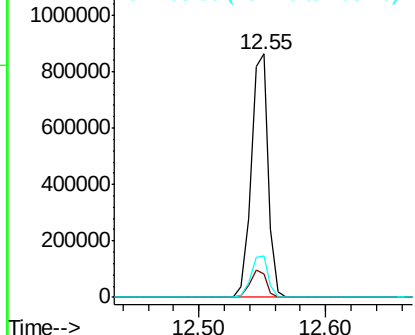
#75
Fluoranthene
Concen: 12.728 ng
RT: 12.55 min Scan# 1779
Delta R.T. -0.01 min
Lab File: BF118791.D
Acq: 3 Feb 2020 11:22

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
202	100		
101	9.8	0.0	31.0
203	17.3	0.0	38.7

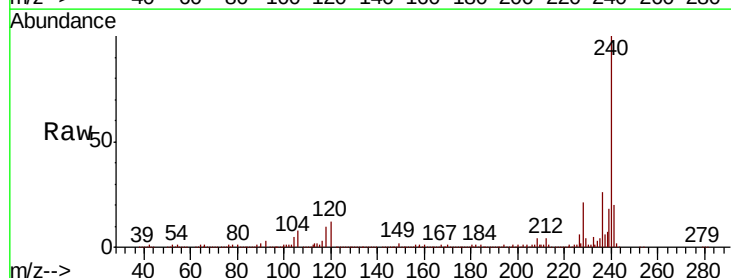


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

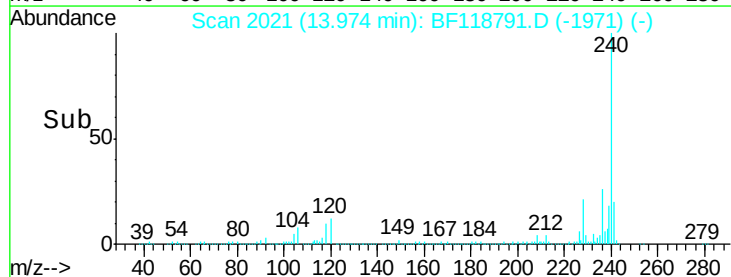
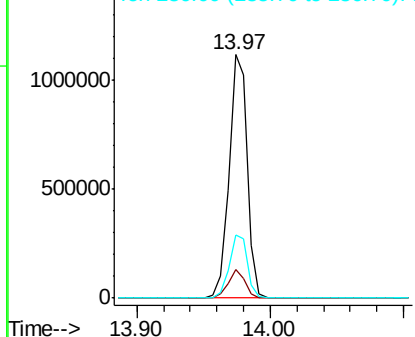


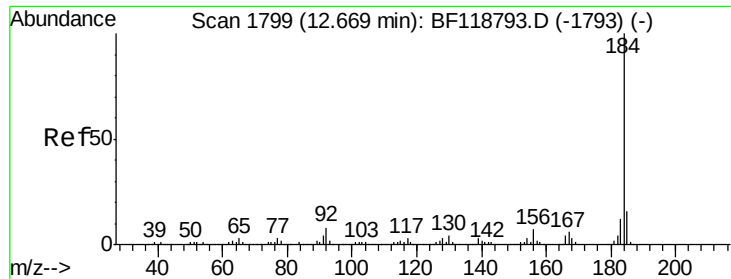
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF118791.D
Acq: 3 Feb 2020 11:22

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.5	9.4	14.0
236	25.9	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: 12.878 ng

RT: 12.66 min Scan# 1798

Delta R.T. -0.01 min

Lab File: BF118791.D

Acq: 3 Feb 2020 11:22

Instrument :

BNA_F

ClientSampled :

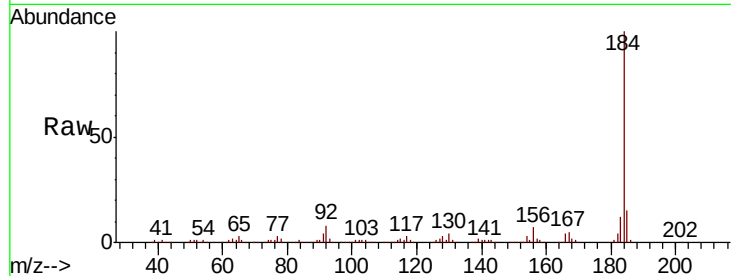
Tot Ion:184 Resp: 368436

Ion Ratio Lower Upper

184 100

185 14.8 12.5 18.7

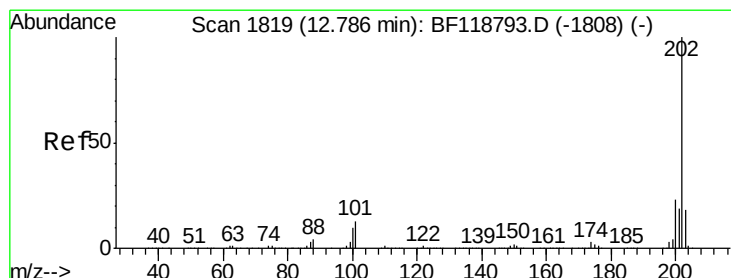
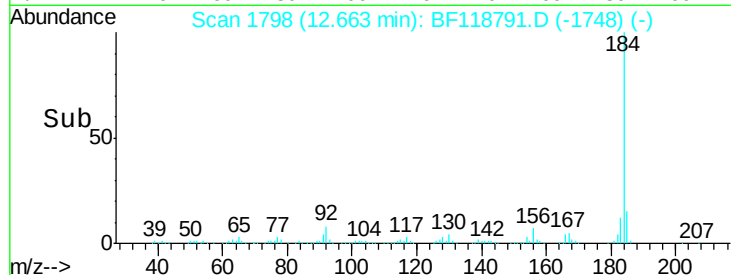
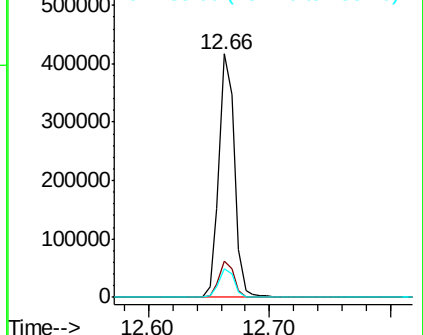
183 11.8 9.7 14.5



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: 11.194 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BF118791.D

Acq: 3 Feb 2020 11:22

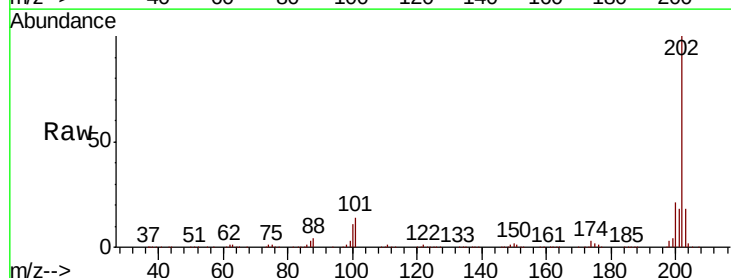
Tgt Ion:202 Resp: 813756

Ion Ratio Lower Upper

202 100

200 21.2 18.2 27.2

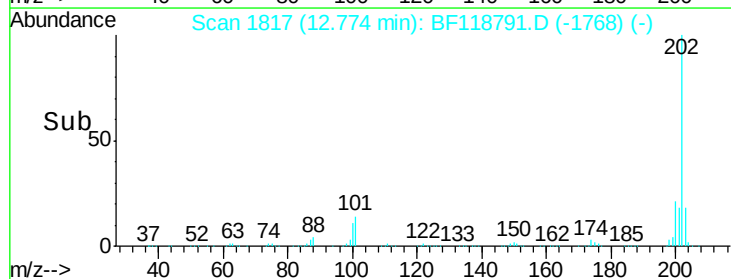
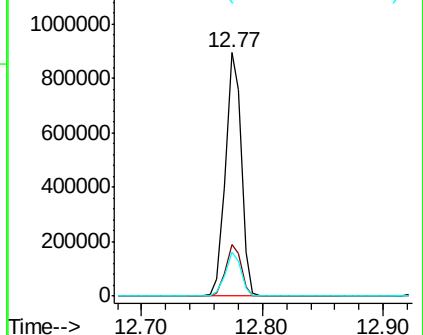
203 17.9 14.8 22.2

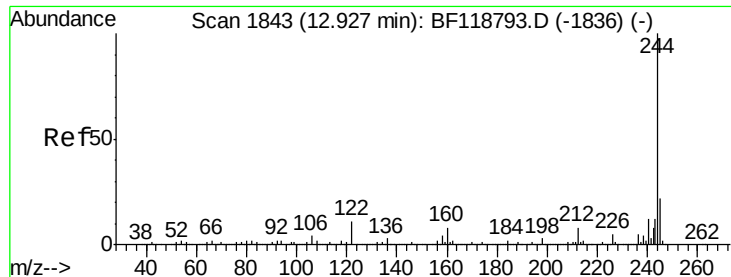


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 26.153 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.01 min

Lab File: BF118791.D

Acq: 3 Feb 2020 11:22

Instrument :

BNA_F

ClientSampleId :

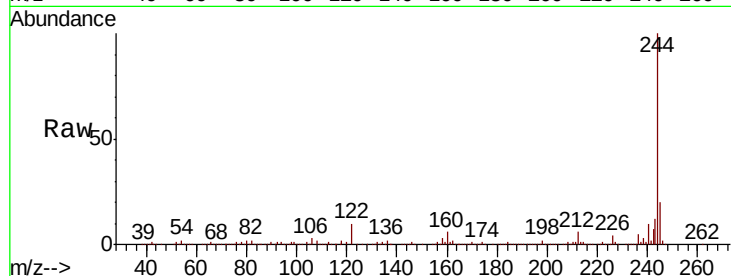
Tot Ion:244 Resp: 1283908

Ion Ratio Lower Upper

244 100

212 6.4 6.5 9.7#

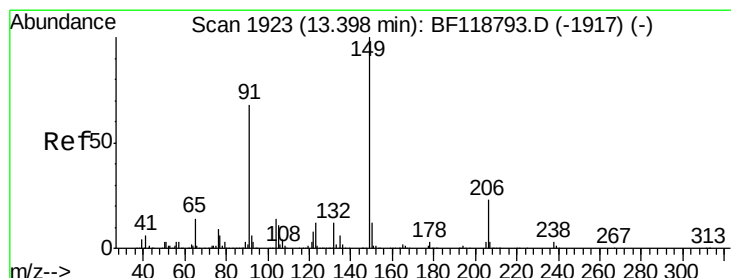
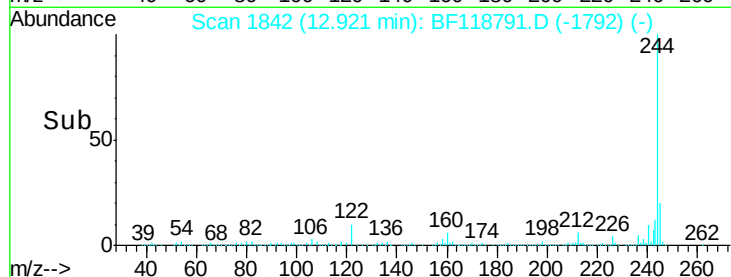
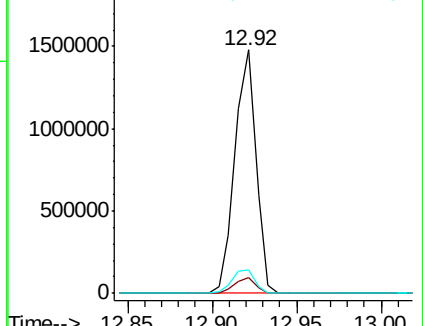
122 9.5 8.9 13.3



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: 11.443 ng

RT: 13.40 min Scan# 1923

Delta R.T. -0.00 min

Lab File: BF118791.D

Acq: 3 Feb 2020 11:22

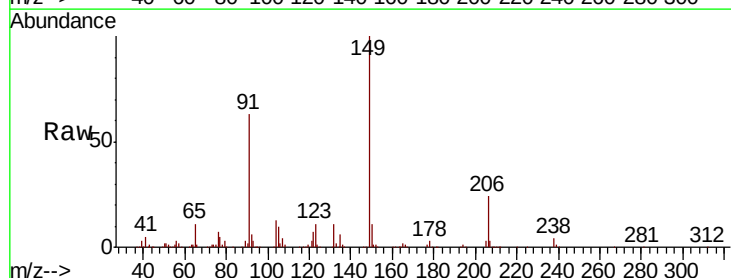
Tgt Ion:149 Resp: 340439

Ion Ratio Lower Upper

149 100

91 62.8 54.7 82.1

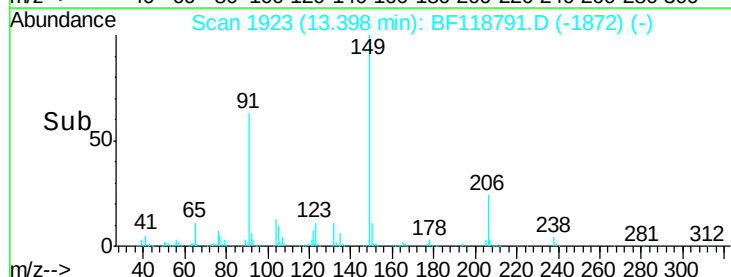
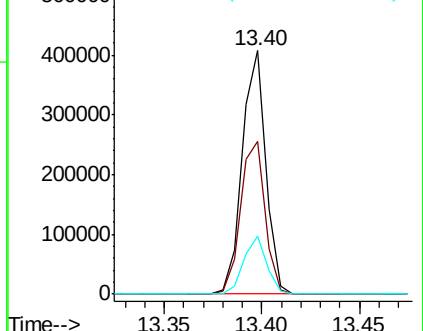
206 23.9 18.5 27.7

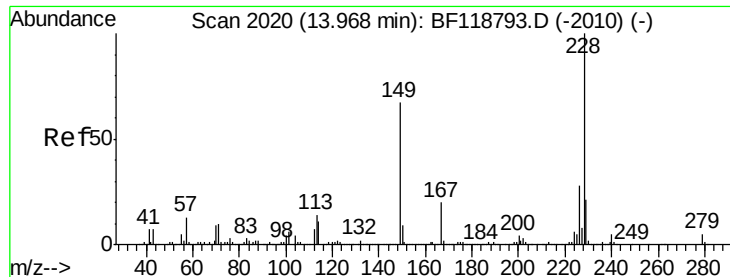


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 11.670 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF118791.D

Acq: 3 Feb 2020 11:22

Instrument :

BNA_F

ClientSampled :

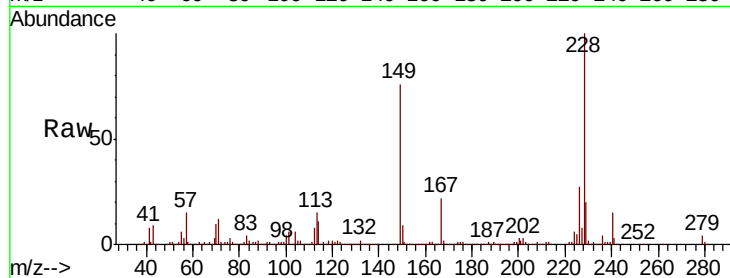
Tot Ion:228 Resp: 751695

Ion Ratio Lower Upper

228 100

226 27.0 22.7 34.1

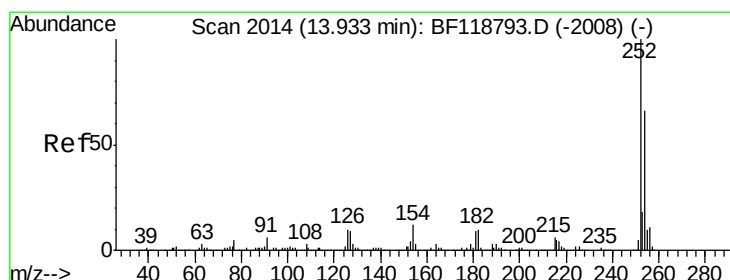
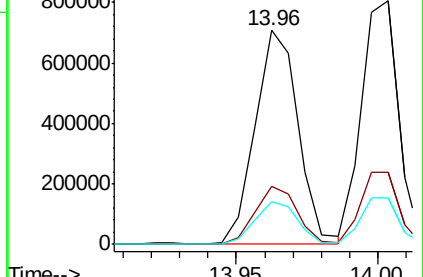
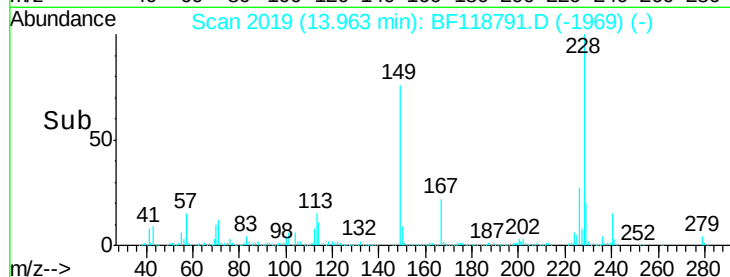
229 20.1 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 12.961 ng

RT: 13.92 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BF118791.D

Acq: 3 Feb 2020 11:22

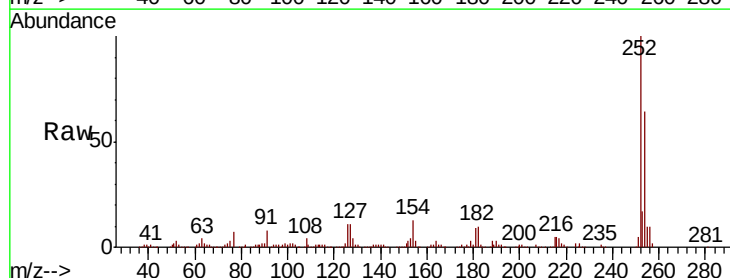
Tgt Ion:252 Resp: 297472

Ion Ratio Lower Upper

252 100

254 63.5 52.4 78.6

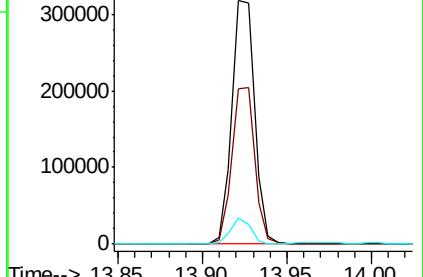
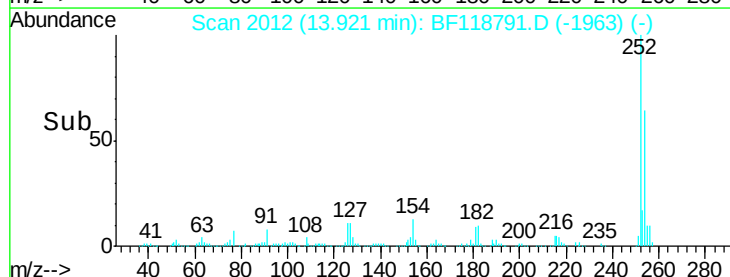
126 10.9 7.8 11.8

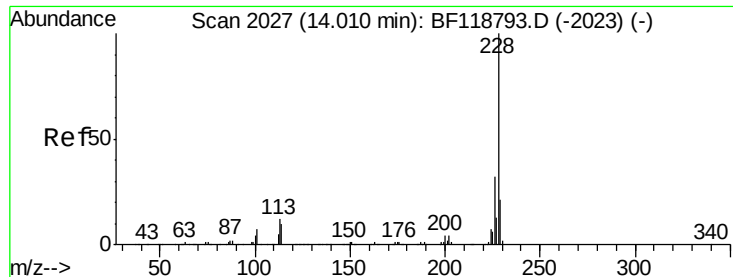


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 11.929 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF118791.D

Acq: 3 Feb 2020 11:22

Instrument :

BNA_F

ClientSampled :

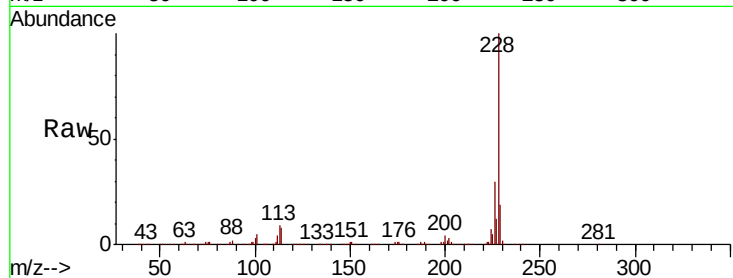
Tot Ion:228 Resp: 736397

Ion Ratio Lower Upper

228 100

226 29.8 25.4 38.0

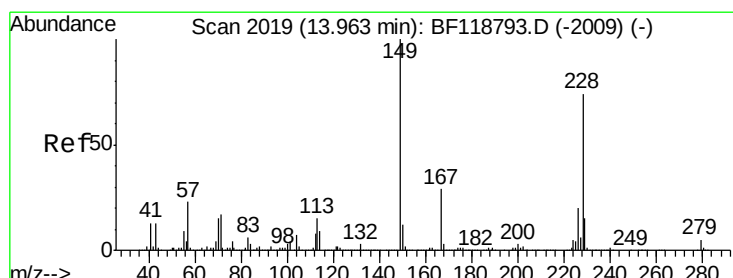
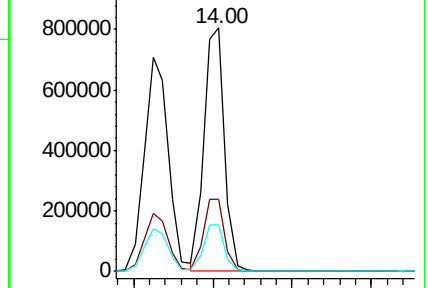
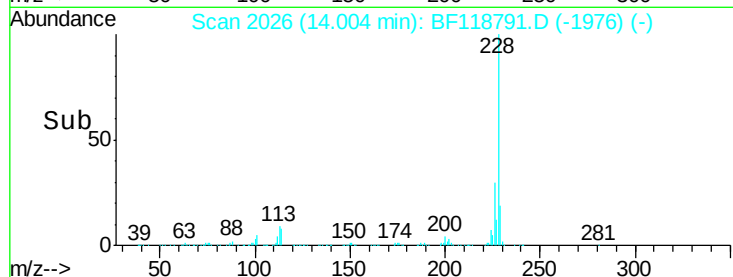
229 19.2 16.9 25.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 13.009 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.00 min

Lab File: BF118791.D

Acq: 3 Feb 2020 11:22

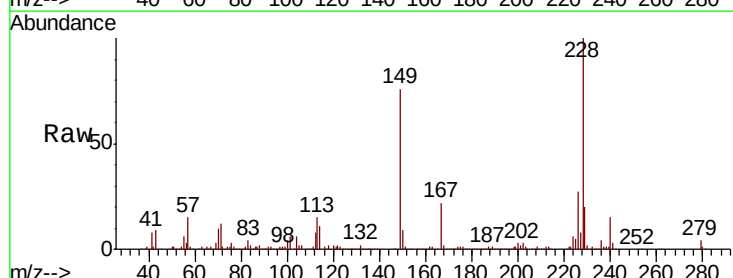
Tgt Ion:149 Resp: 472838

Ion Ratio Lower Upper

149 100

167 29.2 23.0 34.6

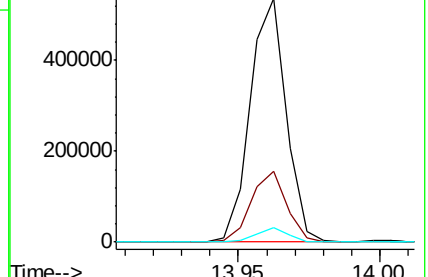
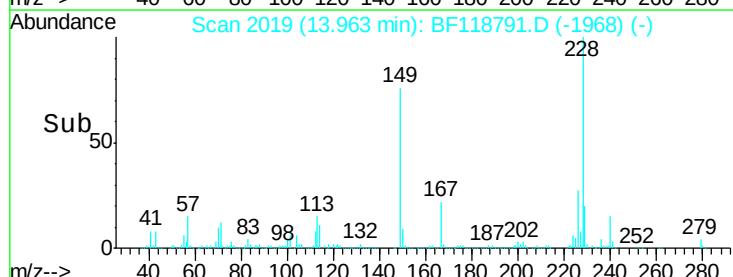
279 5.8 4.4 6.6

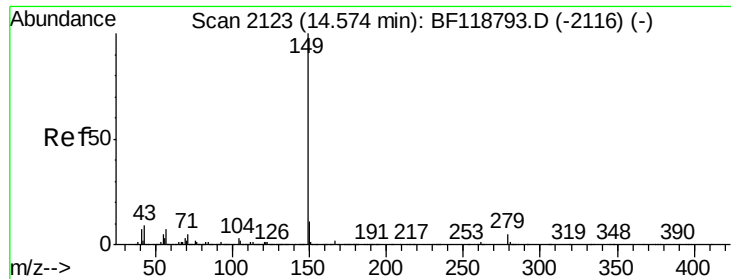


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

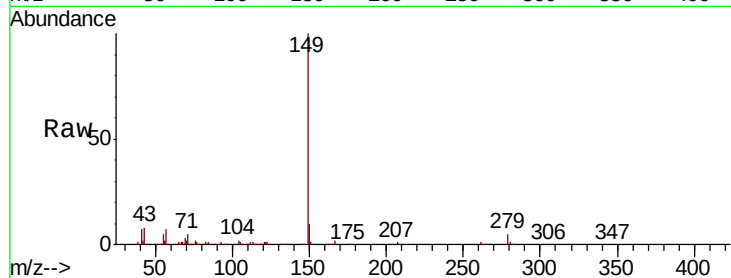




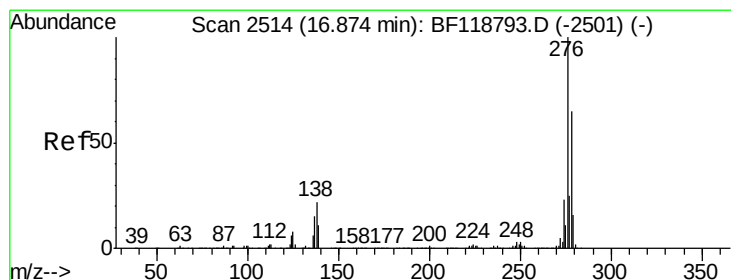
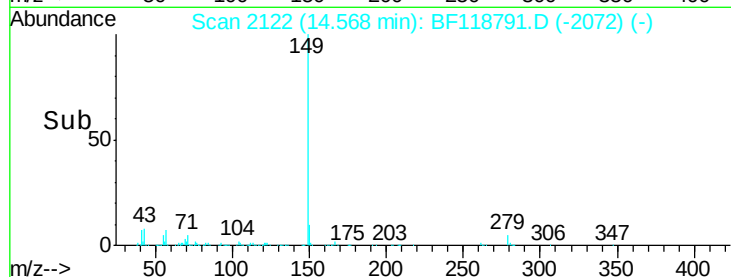
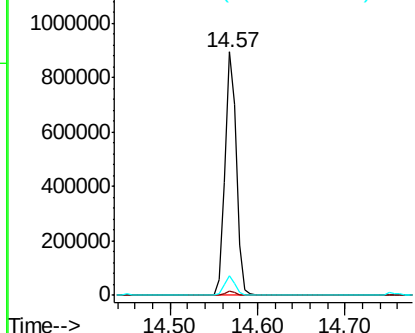
#85
Di-n-octyl phthalate
Concen: 15.067 ng
RT: 14.57 min Scan# 2122
Delta R.T. -0.01 min
Lab File: BF118791.D
Acq: 3 Feb 2020 11:22

Instrument :
BNA_F
ClientSampled :

Tot Ion	149	Resp	810590
Ion Ratio	100	Lower	Upper
149	100		
167	1.6	1.4	2.0
43	7.8	6.6	10.0

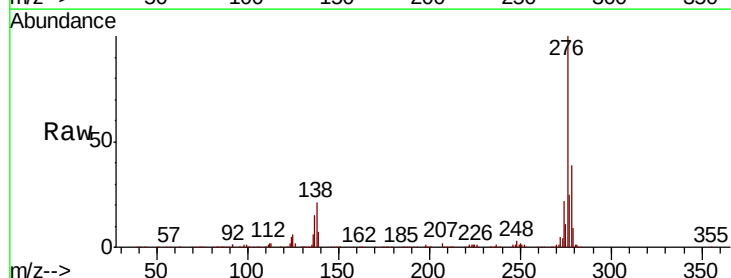


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

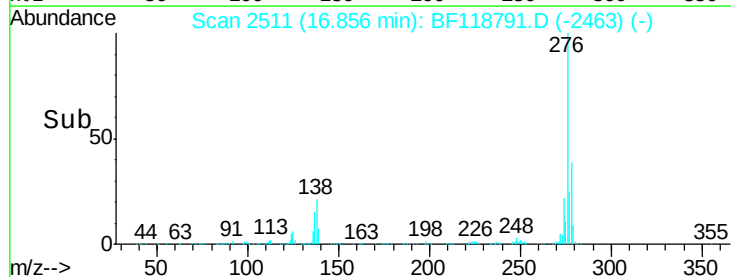
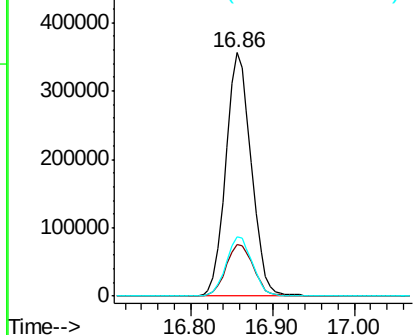


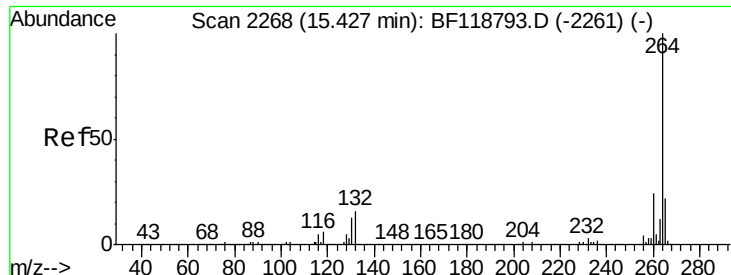
#86
Indeno(1,2,3-cd)pyrene
Concen: 14.400 ng
RT: 16.86 min Scan# 2511
Delta R.T. -0.02 min
Lab File: BF118791.D
Acq: 3 Feb 2020 11:22

Tgt Ion	276	Resp	772387
Ion Ratio	100	Lower	Upper
276	100		
138	22.9	18.3	27.5
277	25.1	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



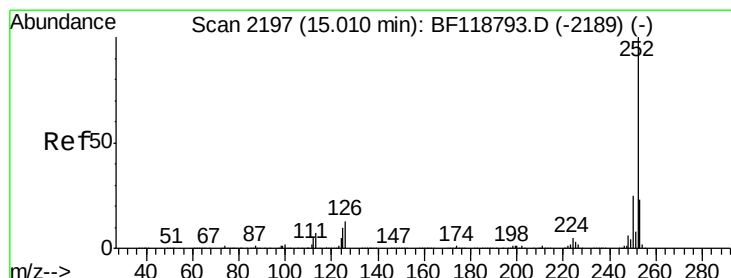
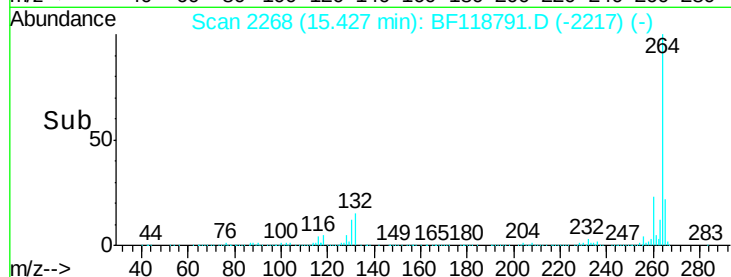
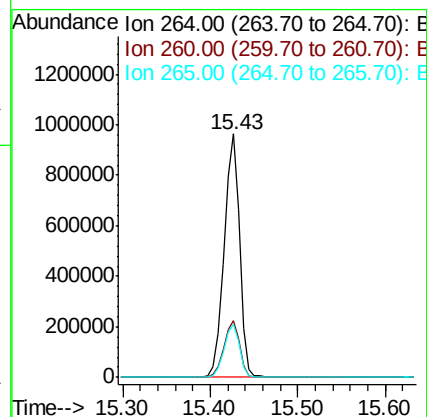
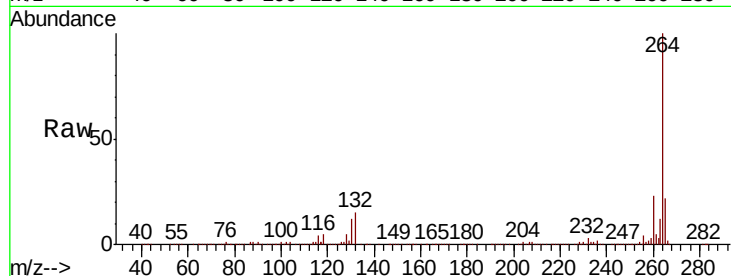


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.00 min
Lab File: BF118791.D
Acq: 3 Feb 2020 11:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 1183680

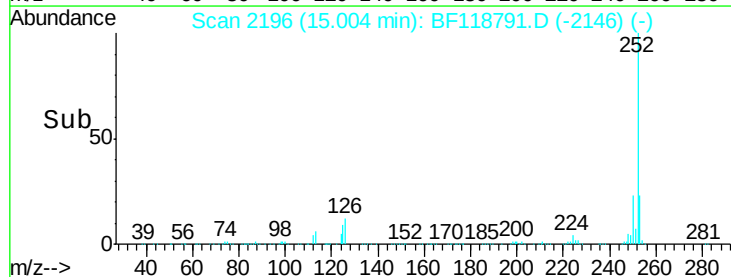
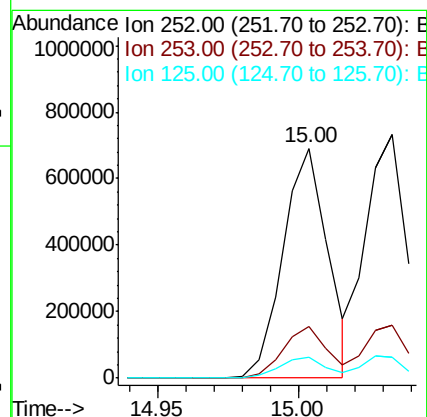
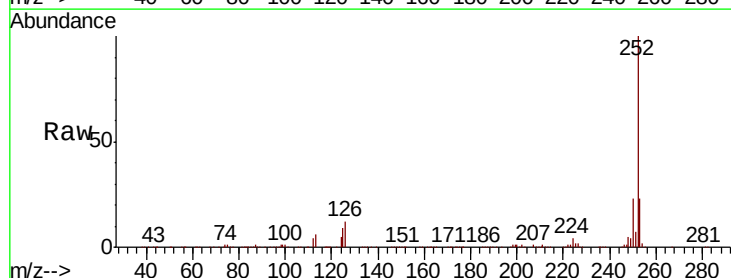
Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.1	28.7
265	21.6	17.2	25.8

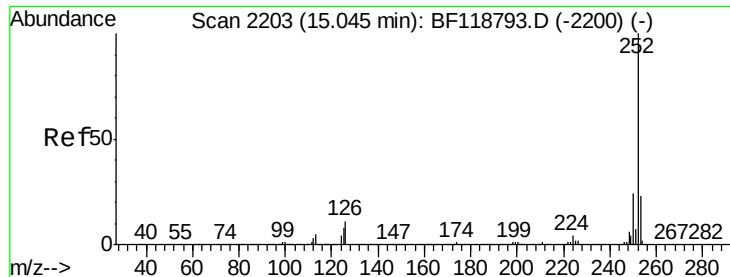


#88
Benzo(b)fluoranthene
Concen: 10.223 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BF118791.D
Acq: 3 Feb 2020 11:22

Tgt Ion:252 Resp: 760636

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.4	27.6
125	9.0	8.1	12.1

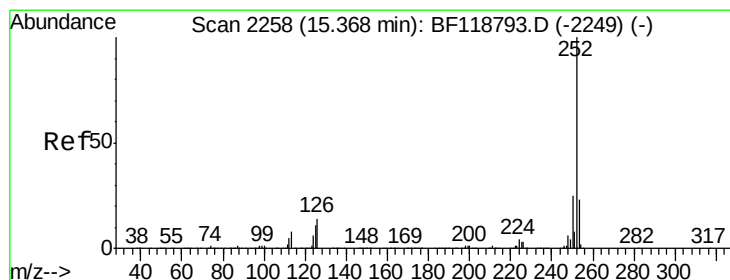
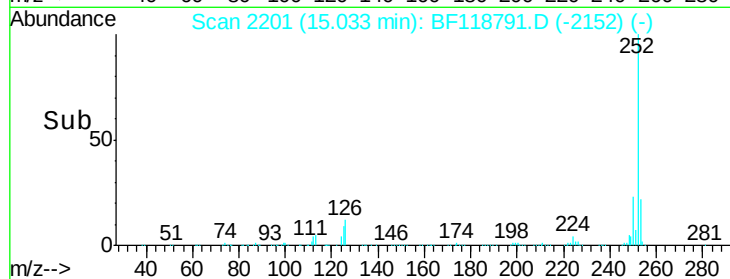
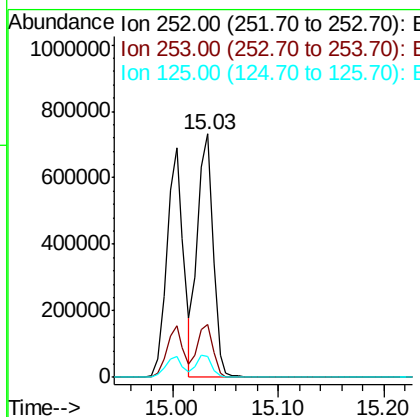
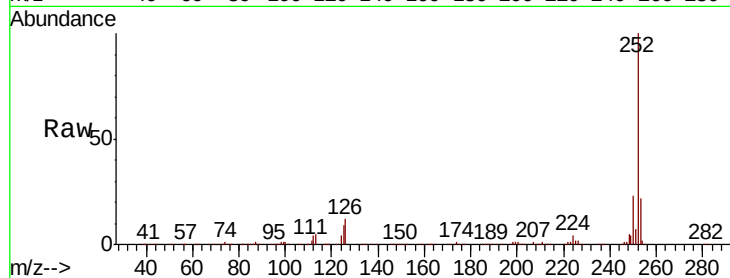




#89
Benzo(k)fluoranthene
Concen: 10.820 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BF118791.D
Acq: 3 Feb 2020 11:22

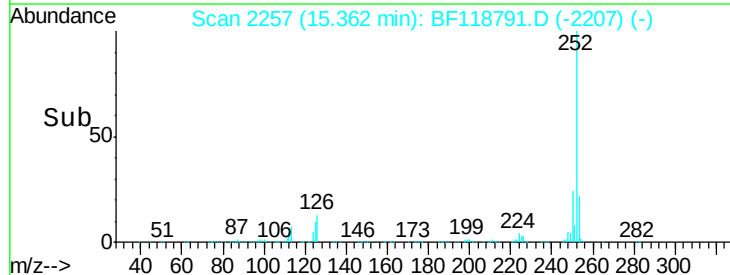
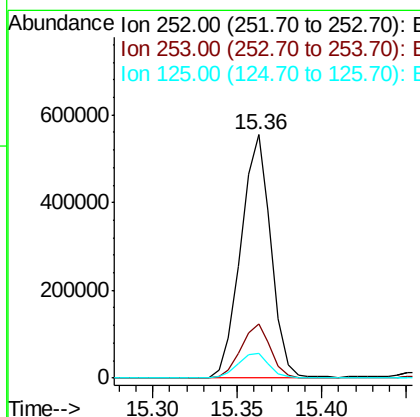
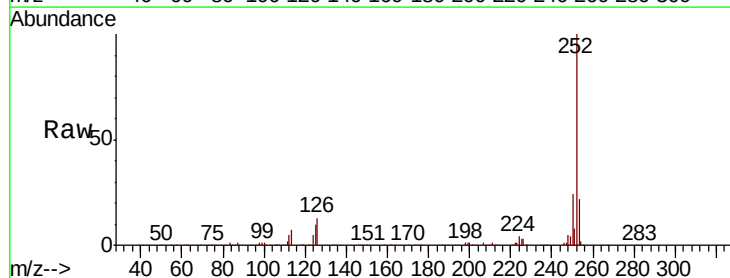
Instrument :
BNA_F
ClientSampleId :

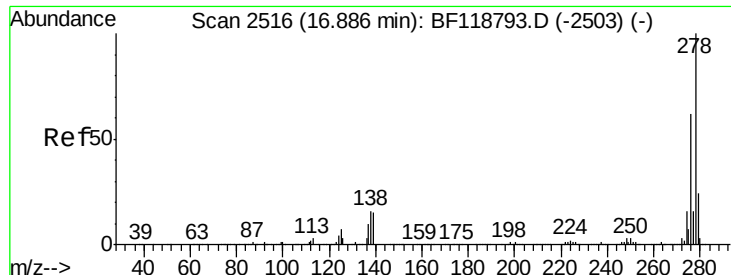
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.4
125	8.7	7.0	10.6



#90
Benzo(a)pyrene
Concen: 10.740 ng
RT: 15.36 min Scan# 2257
Delta R.T. -0.01 min
Lab File: BF118791.D
Acq: 3 Feb 2020 11:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	10.0	8.7	13.1

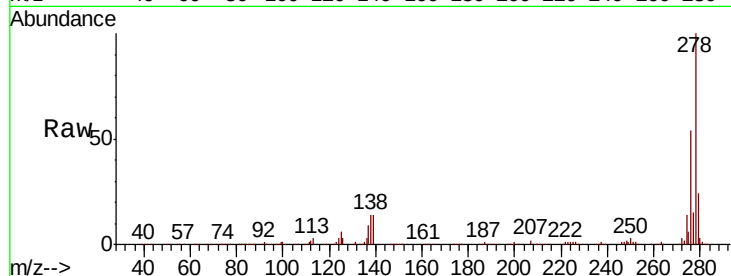




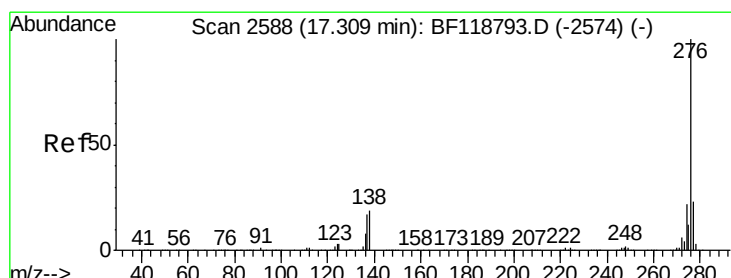
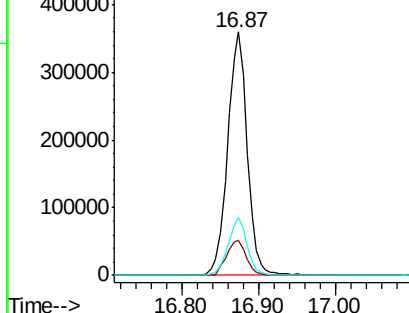
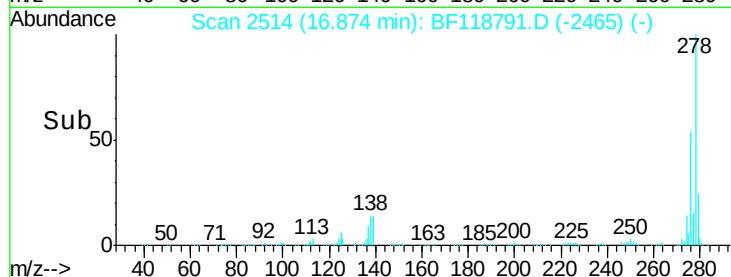
#91
Dibenzo(a,h)anthracene
Concen: 11.229 ng
RT: 16.87 min Scan# 2514
Delta R.T. -0.01 min
Lab File: BF118791.D
Acq: 3 Feb 2020 11:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.1	12.3	18.5
279	23.6	19.1	28.7

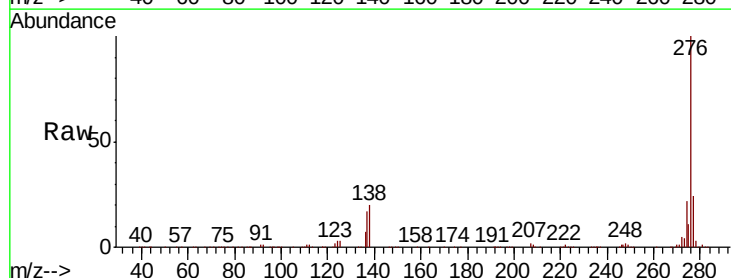


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 10.876 ng
RT: 17.29 min Scan# 2585
Delta R.T. -0.02 min
Lab File: BF118791.D
Acq: 3 Feb 2020 11:22

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	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

