

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121619\
 Data File : BF118203.D
 Acq On : 16 Dec 2019 18:22
 Operator : JU
 Sample : K6110-04MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 17 01:06:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 17:34:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	90552	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	354171	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	189277	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	368852	20.00	ng	0.00
76) Chrysene-d12	14.06	240	281680	20.00	ng	0.00
87) Perylene-d12	15.55	264	277453	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	732273	141.64	ng	0.00
7) Phenol-d6	6.50	99	858865	137.34	ng	0.00
23) Nitrobenzene-d5	7.43	82	610222	96.93	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	374303	162.79	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1276448	102.62	ng	0.00
79) Terphenyl-d14	13.00	244	1725281	105.33	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.69	88	83629	38.362	ng	97
3) Pyridine	3.44	79	147897	26.296	ng	96
4) n-Nitrosodimethylamine	3.36	42	113860	47.059	ng	95
6) Aniline	6.53	93	124455	15.559	ng	91
8) 2-Chlorophenol	6.65	128	302748	51.932	ng	97
9) Benzaldehyde	6.42	77	68844	16.715	ng	98
10) Phenol	6.51	94	303846	42.606	ng	96
11) bis(2-Chloroethyl)ether	6.60	93	260893	50.582	ng	97
12) 1,3-Dichlorobenzene	6.80	146	326087	47.883	ng	99
13) 1,4-Dichlorobenzene	6.88	146	328388	47.887	ng	99
14) 1,2-Dichlorobenzene	7.03	146	315181	48.942	ng	97
15) Benzyl Alcohol	7.01	79	255109	52.262	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.14	45	301269	48.580	ng	96
17) 2-Methylphenol	7.12	107	234682	50.614	ng	99
18) Hexachloroethane	7.37	117	119983	47.484	ng	94
19) n-Nitroso-di-n-propylamine	7.28	70	198702	52.292	ng	97
20) 3+4-Methylphenols	7.27	107	297464	51.075	ng	# 86
22) Acetophenone	7.27	105	423624	49.786	ng	96
24) Nitrobenzene	7.45	77	301818	48.796	ng	97
25) Isophorone	7.69	82	545709	51.134	ng	98
26) 2-Nitrophenol	7.77	139	165614	50.096	ng	98
27) 2,4-Dimethylphenol	7.80	122	264752	60.038	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	337804	48.441	ng	99
29) 2,4-Dichlorophenol	8.01	162	261173	50.804	ng	99
30) 1,2,4-Trichlorobenzene	8.09	180	282498	47.022	ng	99
31) Naphthalene	8.17	128	891839	50.139	ng	99
32) Benzoic acid	7.93	122	158825	39.890	ng	97
33) 4-Chloroaniline	8.22	127	54548	7.102	ng	99
34) Hexachlorobutadiene	8.29	225	167597	46.521	ng	99
35) Caprolactam	8.59	113	32352	20.407	ng	96
36) 4-Chloro-3-methylphenol	8.71	107	275441	50.914	ng	99
37) 2-Methylnaphthalene	8.87	142	619855	51.474	ng	99
38) 1-Methylnaphthalene	8.97	142	576112	50.953	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	281137	49.031	ng	98

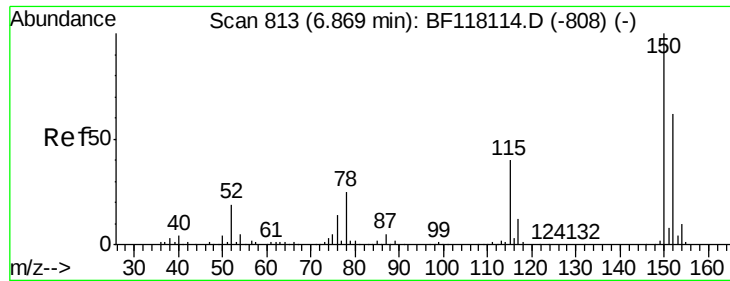
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121619\
 Data File : BF118203.D
 Acq On : 16 Dec 2019 18:22
 Operator : JU
 Sample : K6110-04MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 17 01:06:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 17:34:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	268347	104.454	ng	99
43) 2,4,6-Trichlorophenol	9.15	196	193191	50.462	ng	99
44) 2,4,5-Trichlorophenol	9.19	196	206039	51.946	ng	99
46) 1,1'-Biphenyl	9.33	154	753513	50.476	ng	99
47) 2-Chloronaphthalene	9.36	162	584879	48.706	ng	97
48) 2-Nitroaniline	9.46	65	163240	47.669	ng	96
49) Acenaphthylene	9.77	152	941365	53.150	ng	100
50) Dimethylphthalate	9.63	163	767080	54.867	ng	98
51) 2,6-Dinitrotoluene	9.70	165	159129	52.344	ng	99
52) Acenaphthene	9.95	154	543009	50.230	ng	98
53) 3-Nitroaniline	9.87	138	52429	14.655	ng	98
54) 2,4-Dinitrophenol	9.98	184	157859	104.372	ng	98
55) Dibenzofuran	10.12	168	832903	52.581	ng	99
56) 4-Nitrophenol	10.04	139	229821	92.563	ng	99
57) 2,4-Dinitrotoluene	10.11	165	217289	53.551	ng	92
58) Fluorene	10.47	166	665931	52.901	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.24	232	177063	54.109	ng	99
60) Diethylphthalate	10.33	149	713085	51.768	ng	99
61) 4-Chlorophenyl-phenylether	10.46	204	327370	51.686	ng	97
62) 4-Nitroaniline	10.49	138	175474	47.027	ng	98
63) Azobenzene	10.62	77	622980	52.979	ng	99
65) 4,6-Dinitro-2-methylphenol	10.52	198	112699	55.326	ng	87
66) n-Nitrosodiphenylamine	10.57	169	593884	51.559	ng	99
67) 4-Bromophenyl-phenylether	10.95	248	206983	49.159	ng	# 88
68) Hexachlorobenzene	11.02	284	237907	48.005	ng	99
69) Atrazine	11.10	200	178898	81.234	ng	97
70) Pentachlorophenol	11.22	266	264595	113.530	ng	99
71) Phenanthrene	11.43	178	1011303	51.577	ng	100
72) Anthracene	11.49	178	1048457	53.602	ng	100
73) Carbazole	11.64	167	938052	53.451	ng	100
74) Di-n-butylphthalate	11.97	149	1166659	53.117	ng	99
75) Fluoranthene	12.63	202	1071258	53.437	ng	99
77) Benzidine	12.75	184	374007	50.437	ng	98
78) Pyrene	12.86	202	1092129	49.200	ng	99
80) Butylbenzylphthalate	13.47	149	519061	51.633	ng	94
81) Benzo(a)anthracene	14.05	228	983076	50.473	ng	99
82) 3,3'-Dichlorobenzidine	14.01	252	149174	23.320	ng	98
83) Chrysene	14.09	228	959651	51.580	ng	99
84) Bis(2-ethylhexyl)phthalate	14.03	149	736301	55.545	ng	# 97
85) Di-n-octyl phthalate	14.64	149	1188257	59.175	ng	100
86) Indeno(1,2,3-cd)pyrene	17.06	276	932464	59.565	ng	100
88) Benzo(b)fluoranthene	15.12	252	900256	49.061	ng	99
89) Benzo(k)fluoranthene	15.12	252	900256	51.069	ng	98
90) Benzo(a)pyrene	15.49	252	853314	52.653	ng	98
91) Dibenzo(a,h)anthracene	17.08	278	785219	56.489	ng	99
92) Benzo(g,h,i)perylene	17.52	276	780628	58.442	ng	99

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

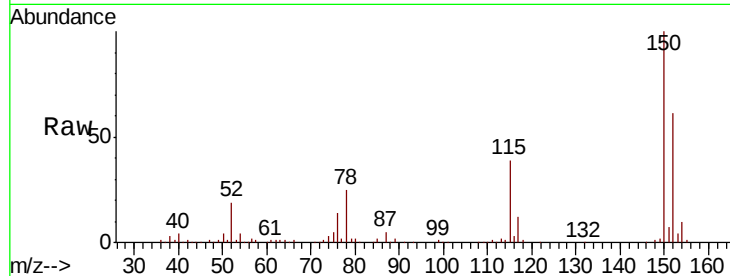


#1

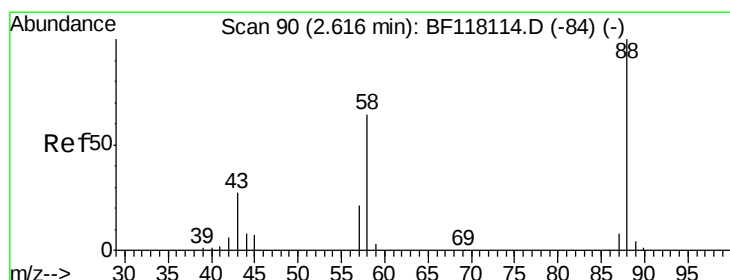
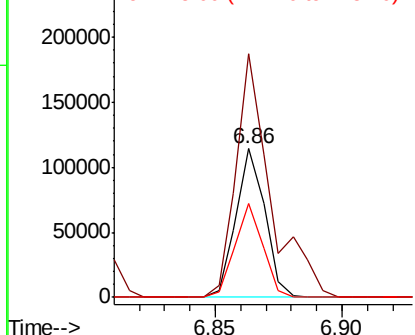
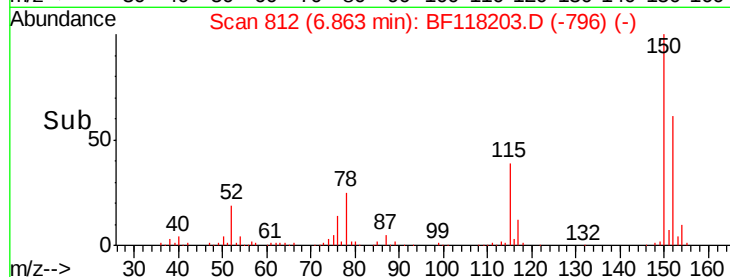
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF118203.D
Acq: 16 Dec 2019 18:22

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 90552
Ion Ratio Lower Upper
152 100
150 163.7 128.3 192.5
115 63.2 51.1 76.7



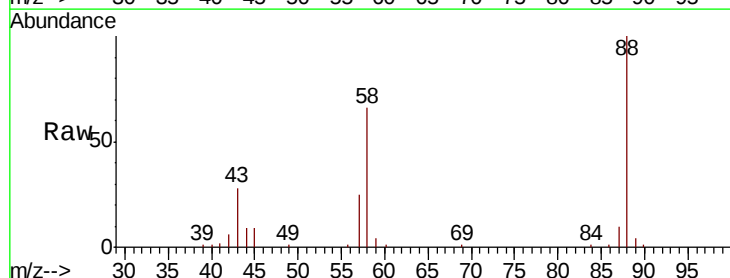
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



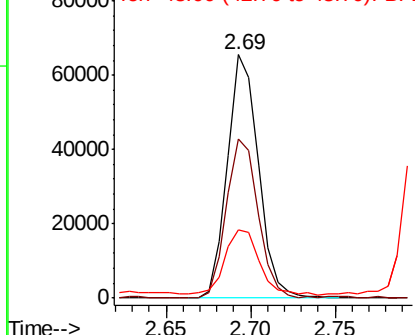
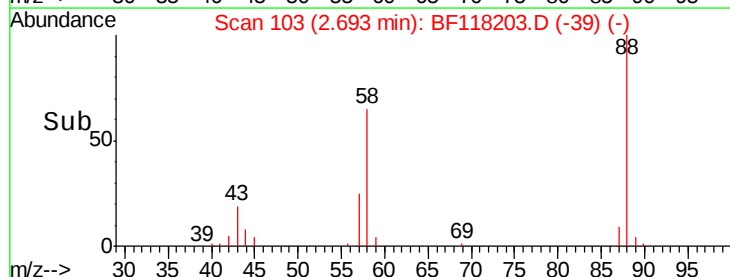
#2

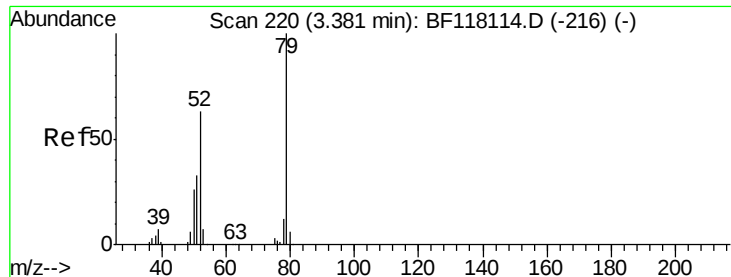
1,4-Dioxane
Concen: 38.362 ng
RT: 2.69 min Scan# 103
Delta R.T. 0.08 min
Lab File: BF118203.D
Acq: 16 Dec 2019 18:22

Tgt Ion: 88 Resp: 83629
Ion Ratio Lower Upper
88 100
58 67.2 52.2 78.4
43 29.9 21.4 32.2



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: 26.296 ng

RT: 3.44 min Scan# 230

Delta R.T. 0.06 min

Lab File: BF118203.D

Acq: 16 Dec 2019 18:22

Instrument :

BNA_F

ClientSampleId :

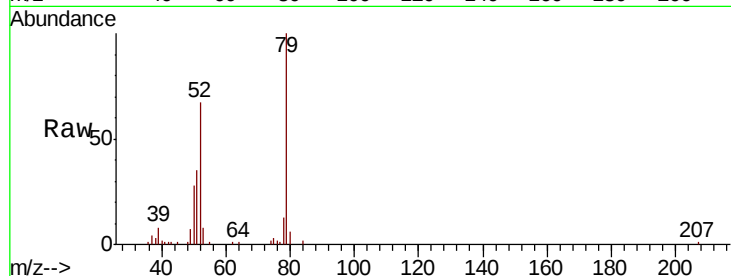
Tot Ion: 79 Resp: 147897

Ion Ratio Lower Upper

79 100

52 67.2 50.7 76.1

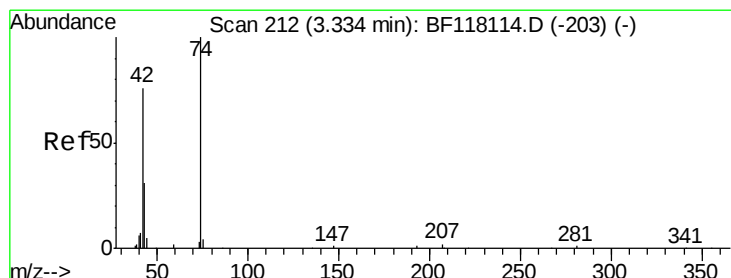
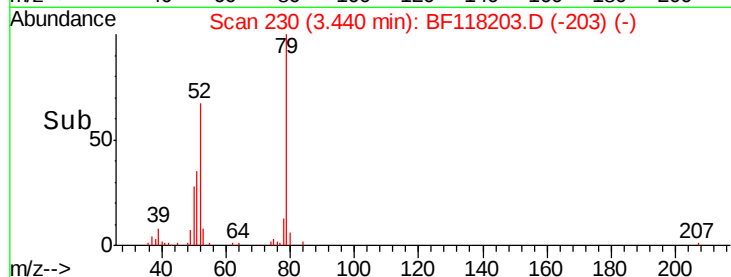
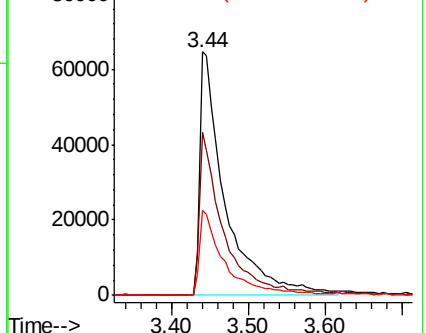
51 35.0 26.4 39.6



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 47.059 ng

RT: 3.36 min Scan# 217

Delta R.T. 0.03 min

Lab File: BF118203.D

Acq: 16 Dec 2019 18:22

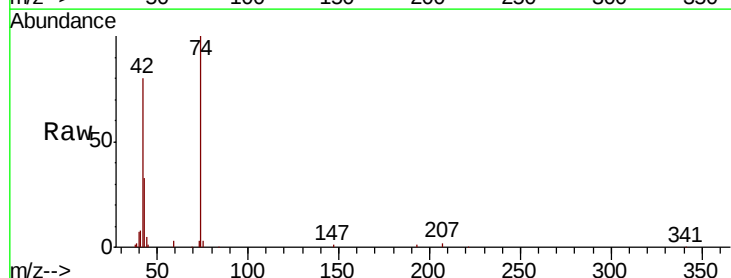
Tgt Ion: 42 Resp: 113860

Ion Ratio Lower Upper

42 100

74 125.4 104.6 157.0

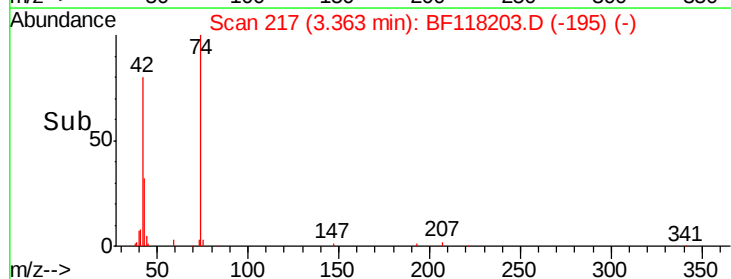
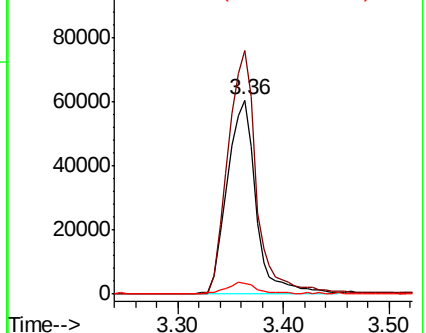
44 5.7 5.1 7.7

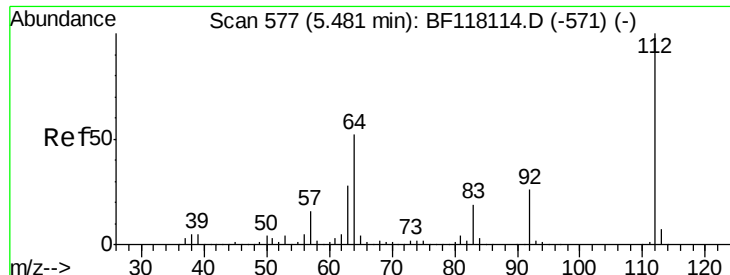


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 141.637 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.01 min

Lab File: BF118203.D

Acq: 16 Dec 2019 18:22

Instrument :

BNA_F

ClientSampleId :

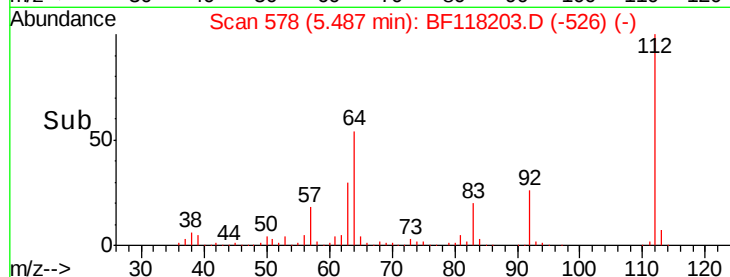
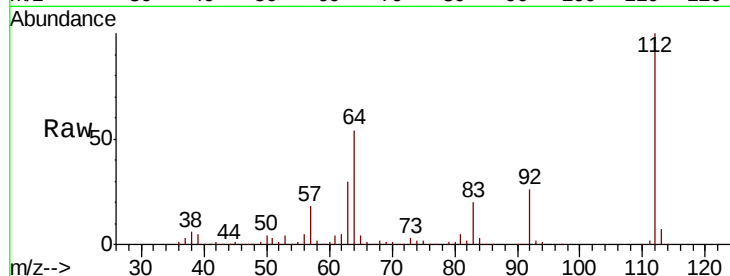
Tot Ion: 112 Resp: 732273

Ion Ratio Lower Upper

112 100

64 54.1 41.3 61.9

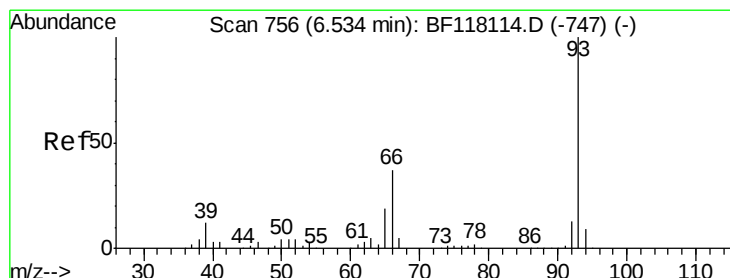
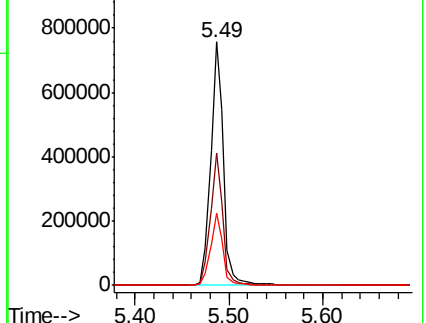
63 29.9 22.4 33.6



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: 15.559 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF118203.D

Acq: 16 Dec 2019 18:22

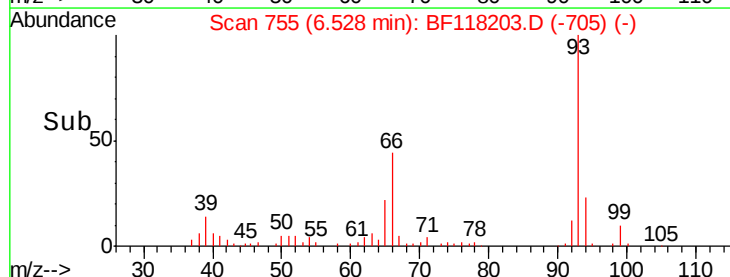
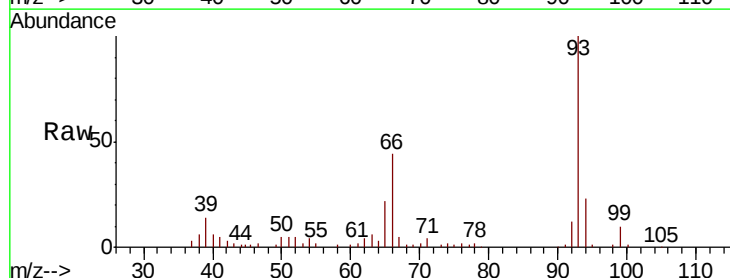
Tgt Ion: 93 Resp: 124455

Ion Ratio Lower Upper

93 100

66 44.0 30.2 45.2

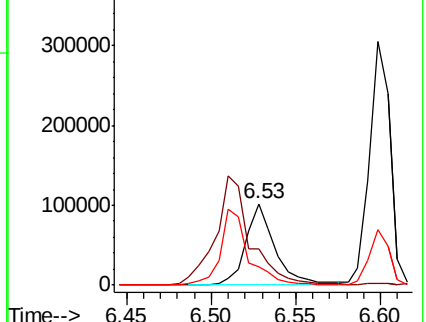
65 22.3 15.5 23.3

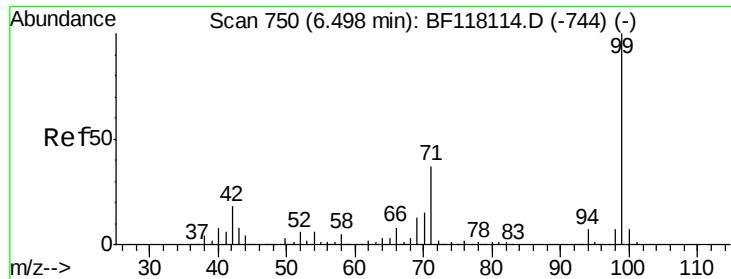


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 137.345 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF118203.D

Acq: 16 Dec 2019 18:22

Instrument :

BNA_F

ClientSampled :

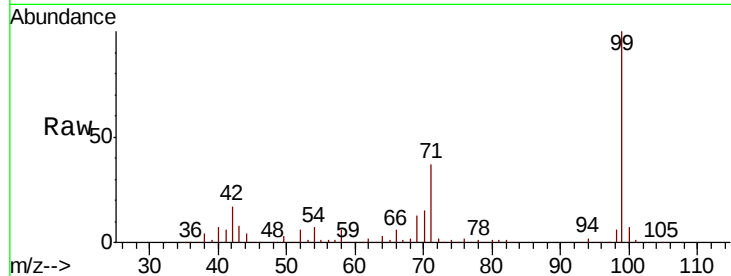
Tot Ion: 99 Resp: 858865

Ion Ratio Lower Upper

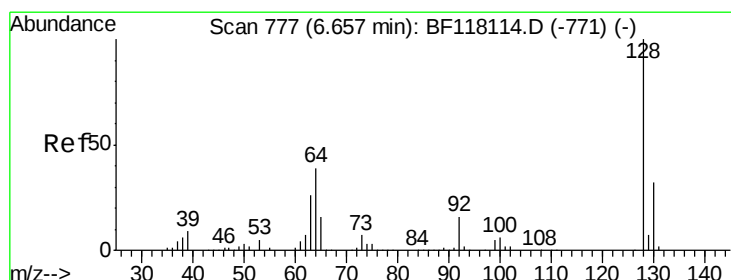
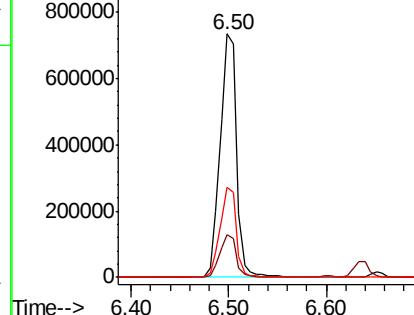
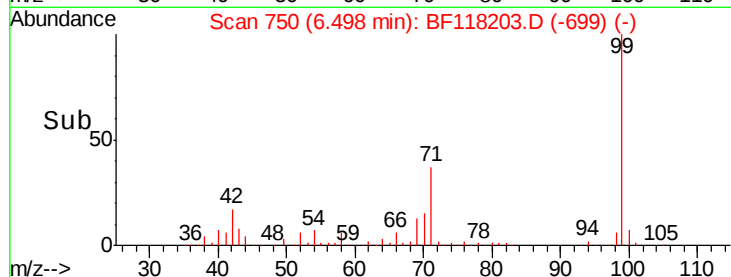
99 100

42 17.5 14.1 21.1

71 37.0 29.7 44.5



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: 51.932 ng

RT: 6.65 min Scan# 776

Delta R.T. -0.01 min

Lab File: BF118203.D

Acq: 16 Dec 2019 18:22

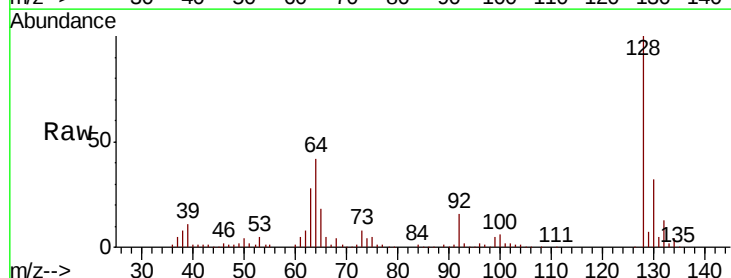
Tgt Ion: 128 Resp: 302748

Ion Ratio Lower Upper

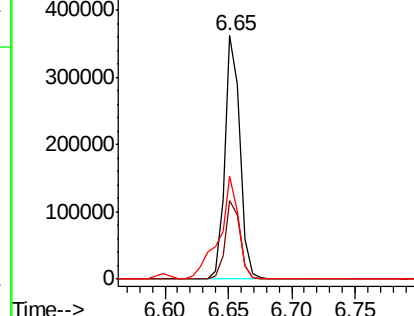
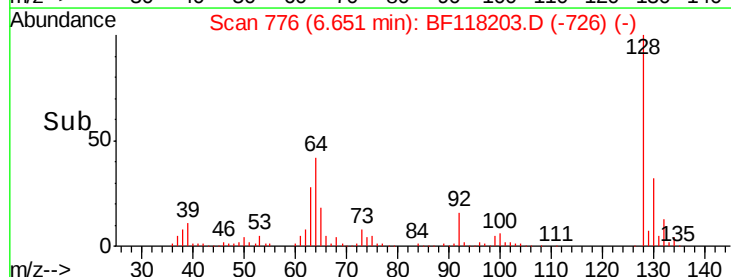
128 100

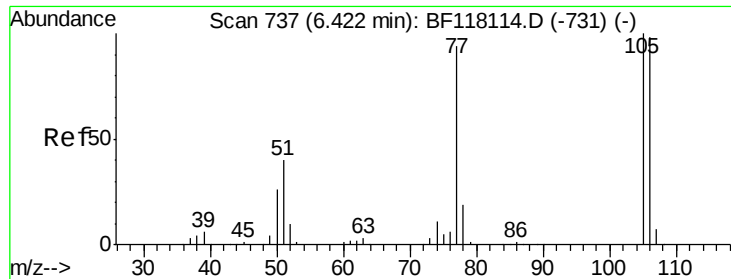
130 32.3 12.1 52.1

64 42.3 19.3 59.3



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: 16.715 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF118203.D

Acq: 16 Dec 2019 18:22

Instrument :

BNA_F

ClientSampled :

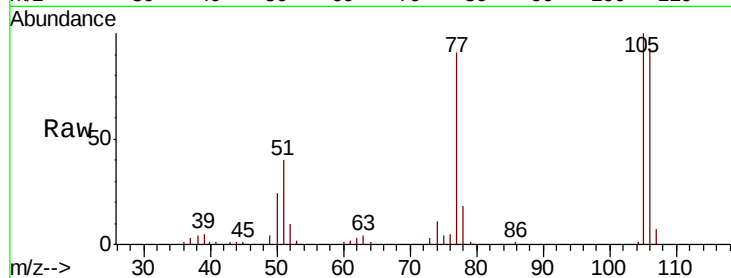
Tot Ion: 77 Resp: 68844

Ion Ratio Lower Upper

77 100

105 110.0 86.4 126.4

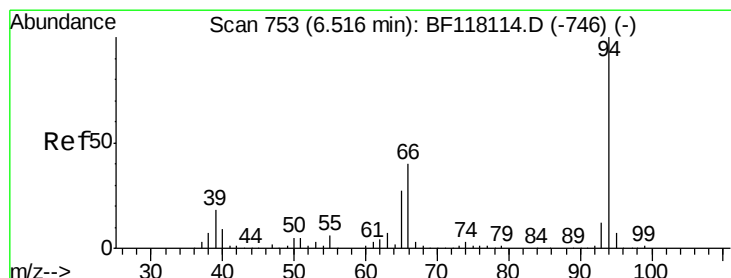
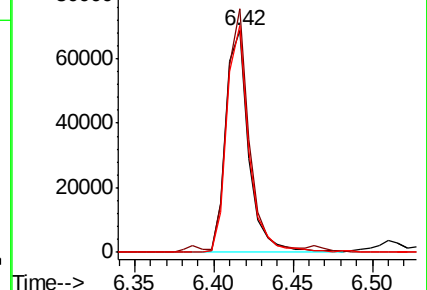
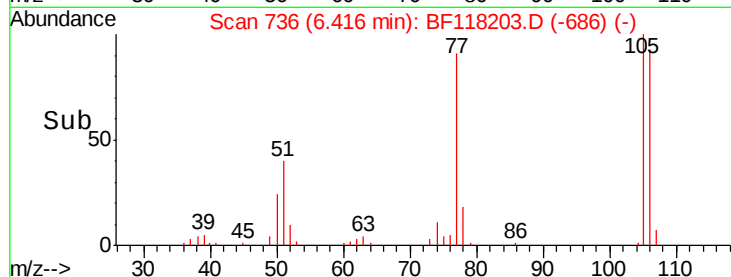
106 102.7 83.8 123.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 42.606 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF118203.D

Acq: 16 Dec 2019 18:22

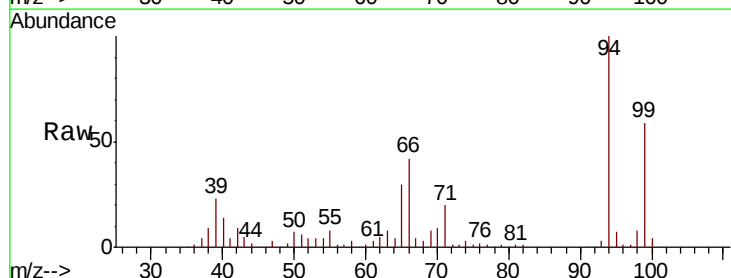
Tgt Ion: 94 Resp: 303846

Ion Ratio Lower Upper

94 100

65 29.6 7.3 47.3

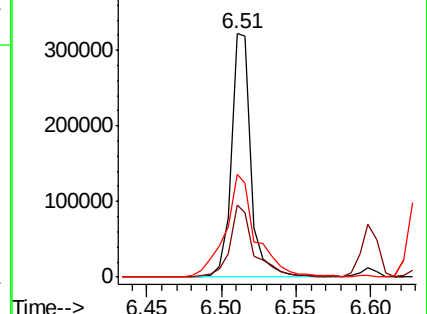
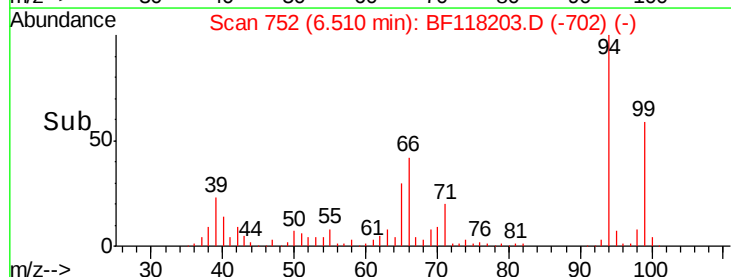
66 42.4 20.2 60.2

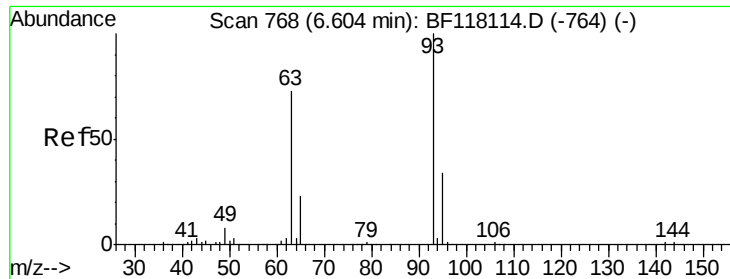


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

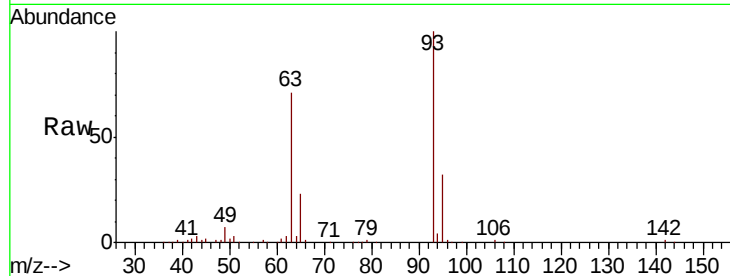




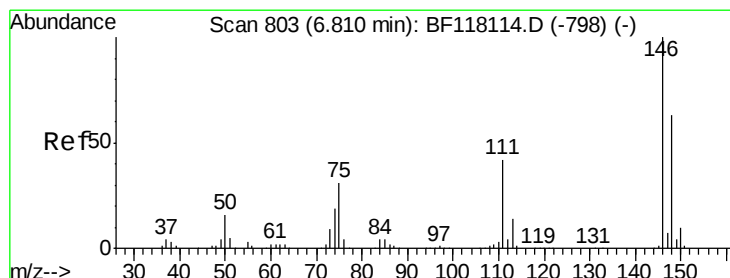
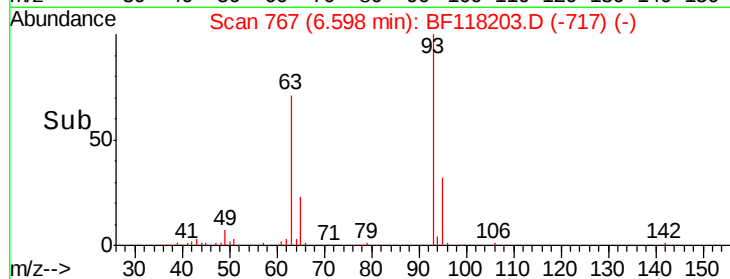
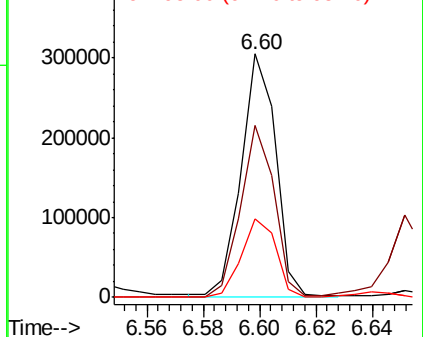
#11
bis(2-Chloroethyl)ether
Concen: 50.582 ng
RT: 6.60 min Scan# 767
Delta R.T. -0.01 min
Lab File: BF118203.D
Acq: 16 Dec 2019 18:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 260893
Ion Ratio Lower Upper
93 100
63 70.7 53.2 93.2
95 32.2 13.8 53.8

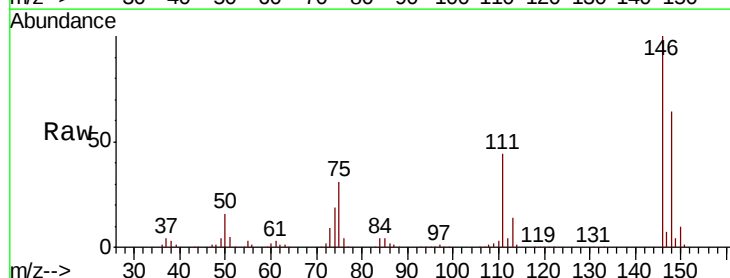


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

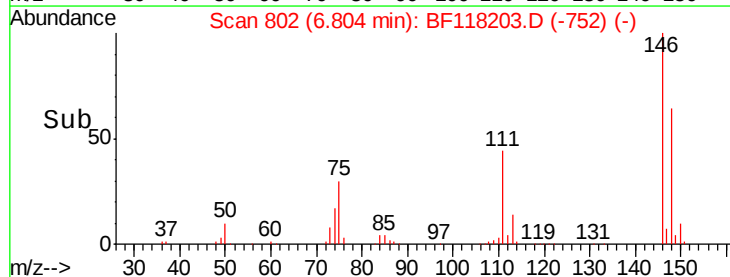
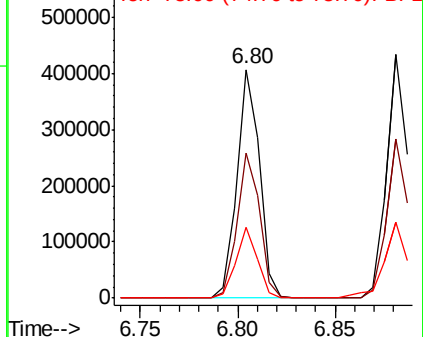


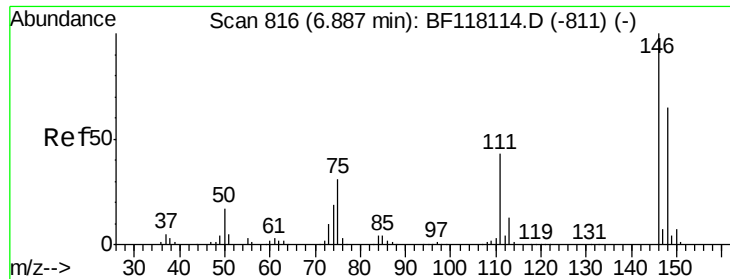
#12
1,3-Dichlorobenzene
Concen: 47.883 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF118203.D
Acq: 16 Dec 2019 18:22

Tgt Ion: 146 Resp: 326087
Ion Ratio Lower Upper
146 100
148 63.7 50.2 75.4
75 30.8 24.6 37.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

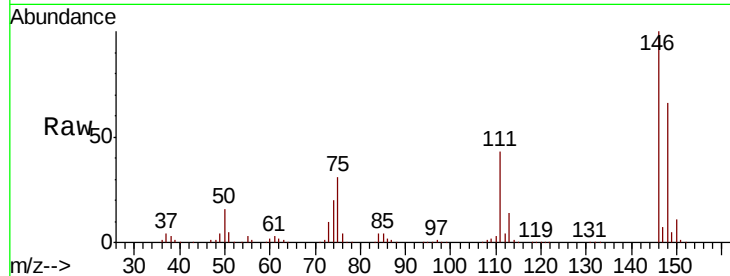




#13
 1,4-Dichlorobenzene
 Concen: 47.887 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF118203.D
 Acq: 16 Dec 2019 18:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.6	52.1	78.1
111	42.9	34.6	52.0

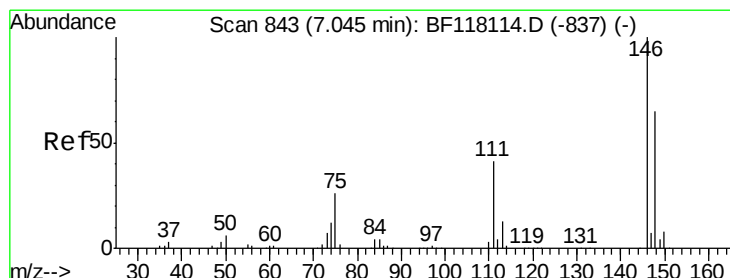
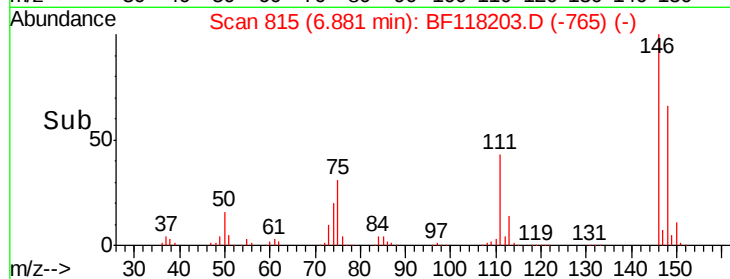
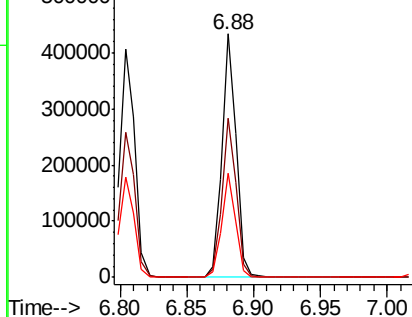


Abundance

Ion 146.00 (145.70 to 146.70): E

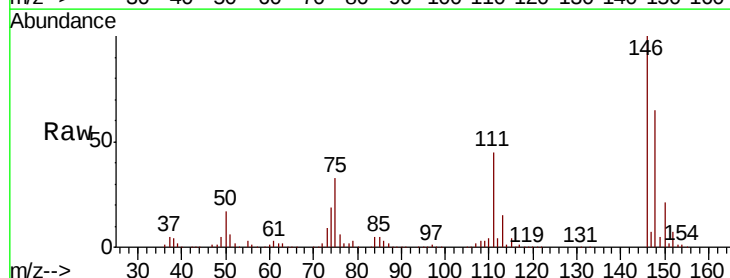
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 48.942 ng
 RT: 7.03 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BF118203.D
 Acq: 16 Dec 2019 18:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	52.2	78.2
111	44.9	33.1	49.7

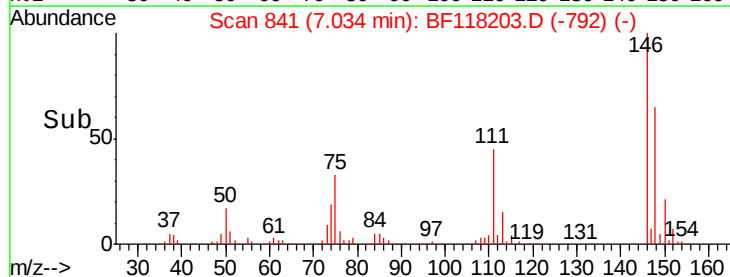
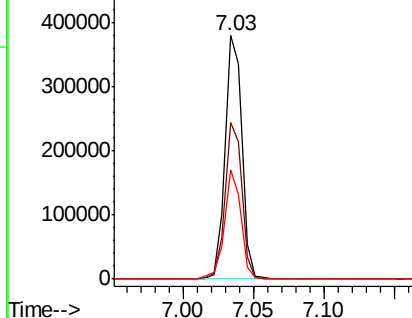


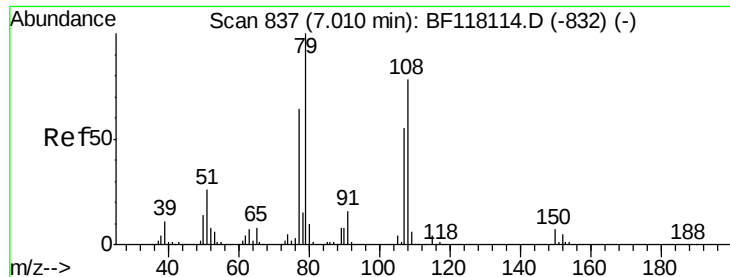
Abundance

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: 52.262 ng

RT: 7.01 min Scan# 837

Delta R.T. 0.00 min

Lab File: BF118203.D

Acq: 16 Dec 2019 18:22

Instrument :

BNA_F

ClientSampleId :

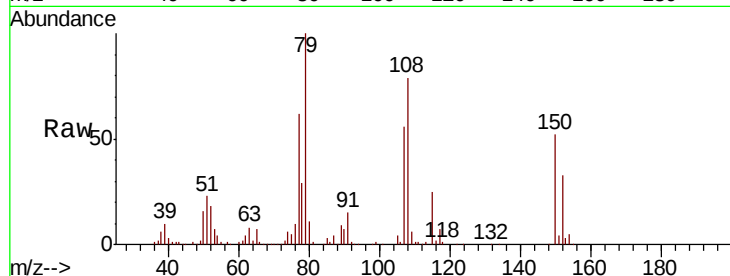
Tot Ion: 79 Resp: 255109

Ion Ratio Lower Upper

79 100

108 79.0 62.7 94.1

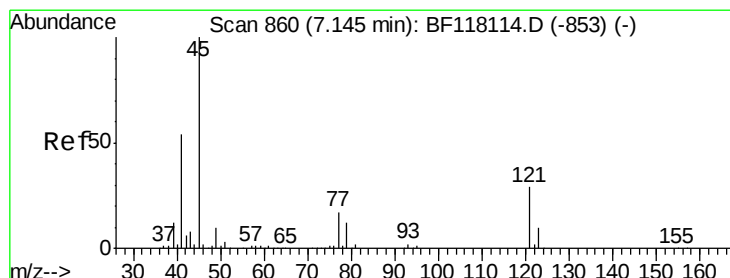
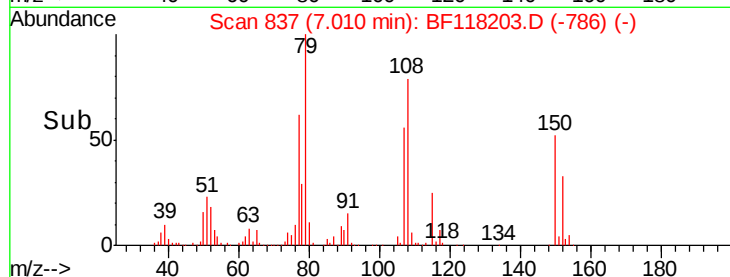
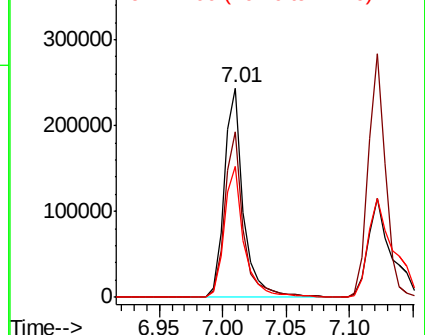
77 62.5 51.4 77.2



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: 48.580 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.01 min

Lab File: BF118203.D

Acq: 16 Dec 2019 18:22

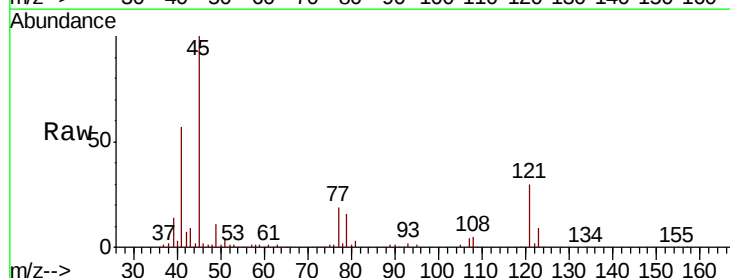
Tgt Ion: 45 Resp: 301269

Ion Ratio Lower Upper

45 100

77 19.4 0.0 38.0

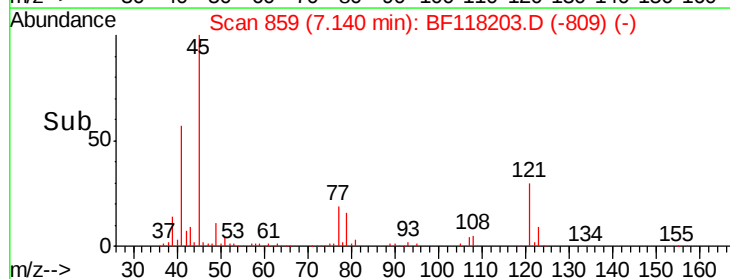
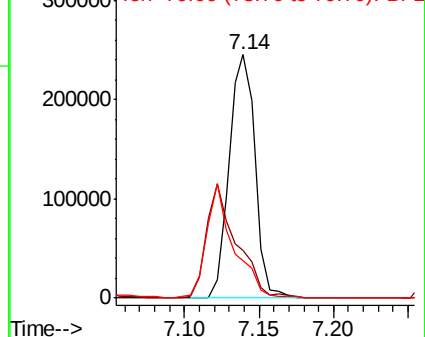
79 15.6 0.0 33.2

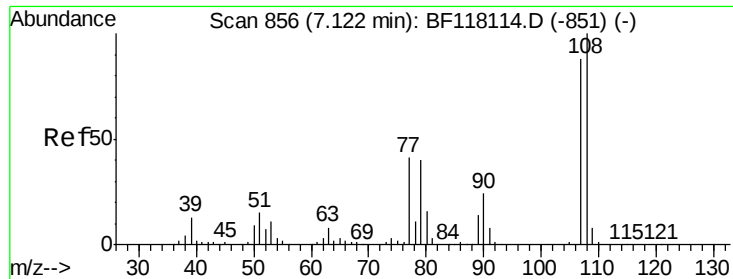


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

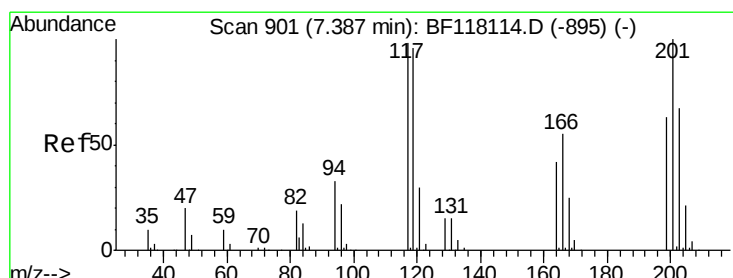
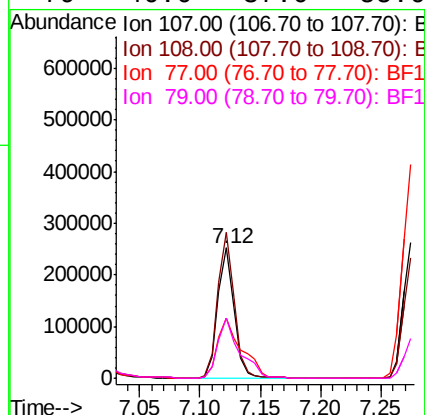
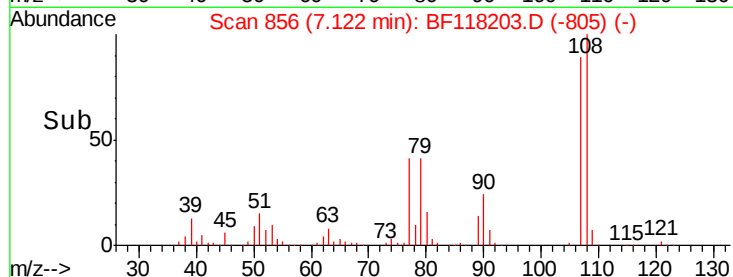
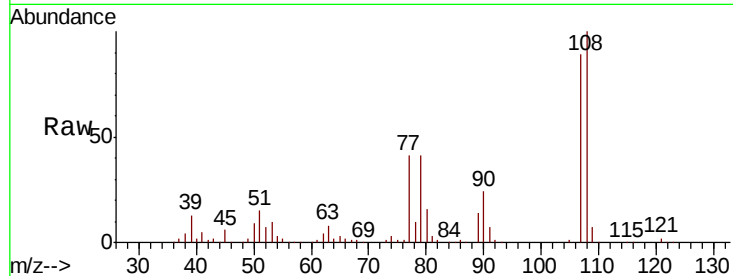




#17
2-Methylphenol
Concen: 50.614 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF118203.D
Acq: 16 Dec 2019 18:22

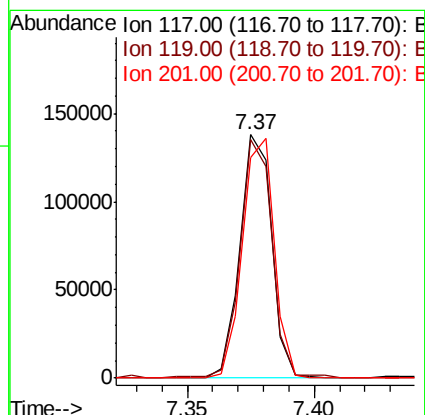
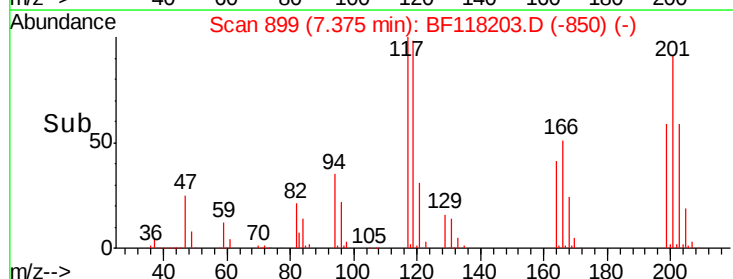
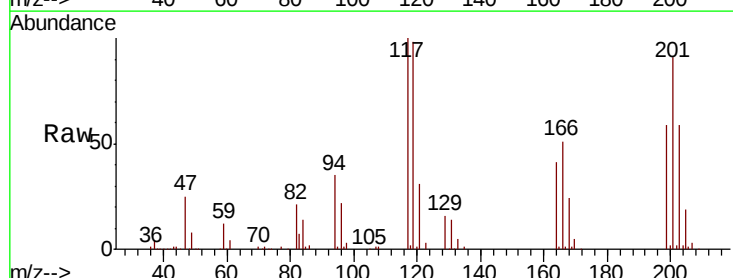
Instrument :
BNA_F
ClientSampleId :

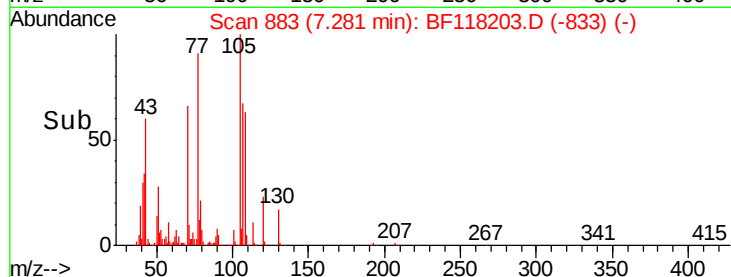
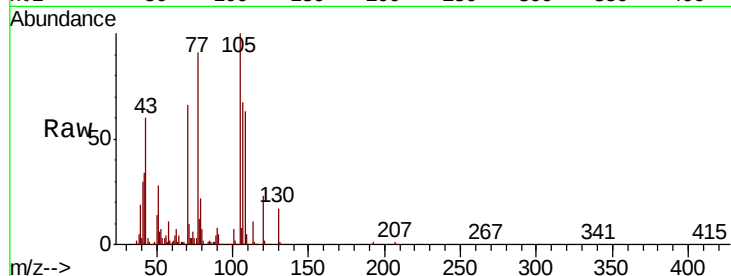
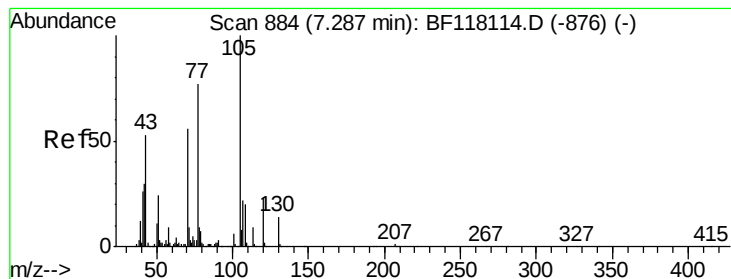
Tot Ion:	107	Resp:	234682
Ion	Ratio	Lower	Upper
107	100		
108	112.6	91.1	136.7
77	46.0	37.8	56.6
79	46.0	37.0	55.6



#18
Hexachloroethane
Concen: 47.484 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF118203.D
Acq: 16 Dec 2019 18:22

Tgt Ion:	117	Resp:	119983
Ion	Ratio	Lower	Upper
117	100		
119	98.0	78.2	117.4
201	90.8	81.6	122.4





#19

n-Nitroso-di-n-propylamine

Concen: 52.292 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF118203.D

Acq: 16 Dec 2019 18:22

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 198702

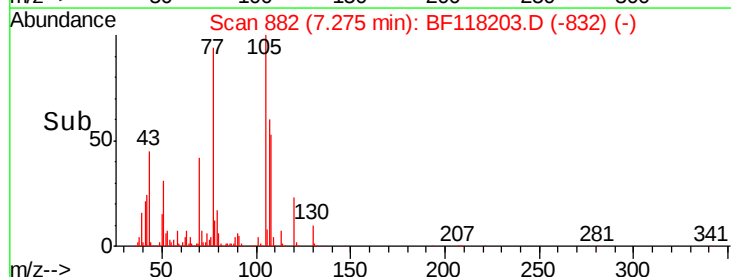
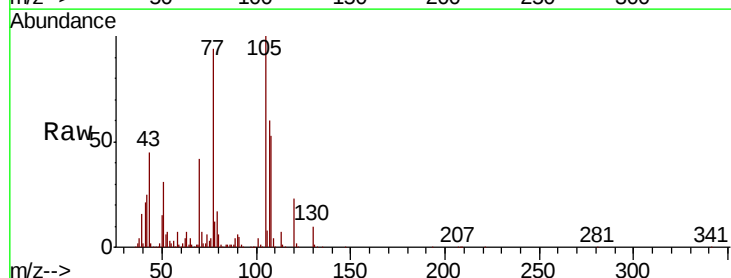
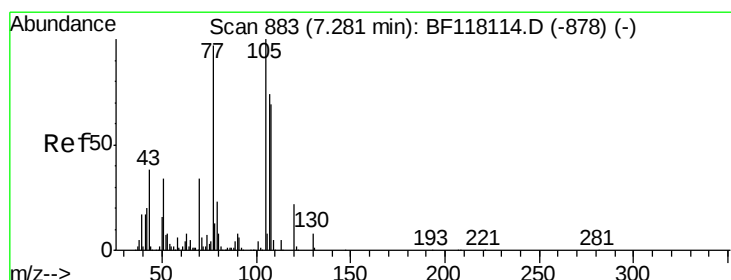
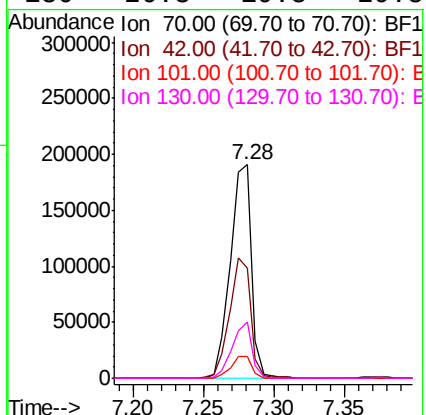
Ion Ratio Lower Upper

70 100

42 51.6 43.2 64.8

101 10.2 8.1 12.1

130 26.3 19.8 29.8



#20

3+4-Methylphenols

Concen: 51.075 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF118203.D

Acq: 16 Dec 2019 18:22

Tgt Ion: 107 Resp: 297464

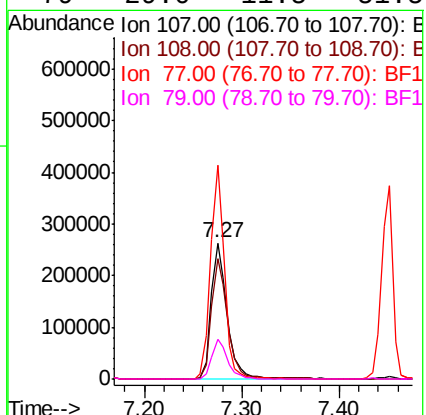
Ion Ratio Lower Upper

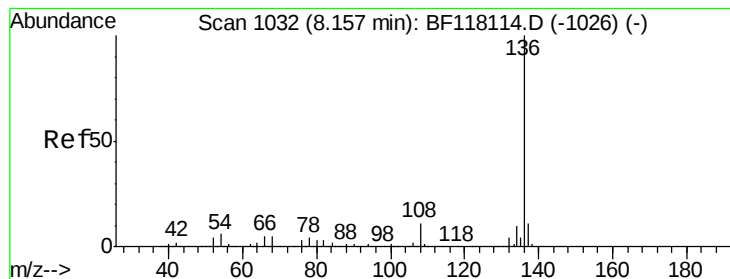
107 100

108 88.4 73.2 113.2

77 157.0 110.9 150.9#

79 29.0 11.5 51.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF118203.D

Acq: 16 Dec 2019 18:22

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 354171

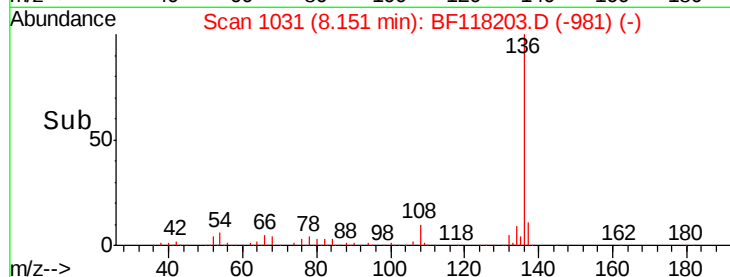
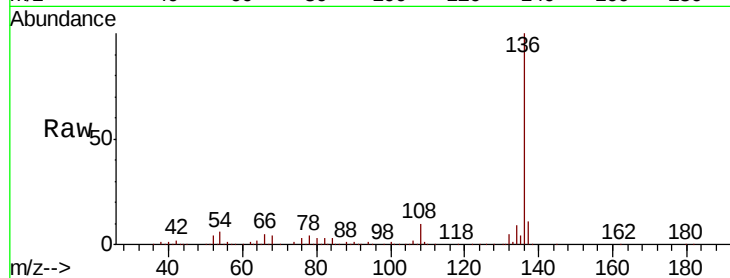
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.6

54 6.2 5.0 7.6

68 4.3 3.8 5.8



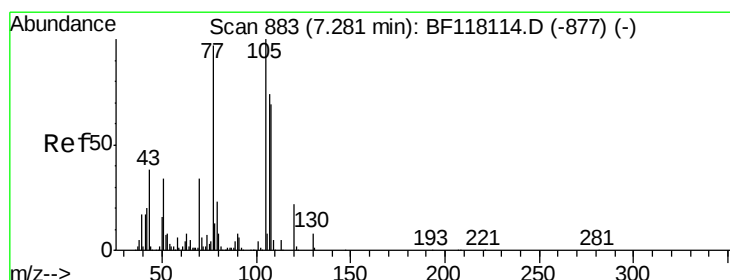
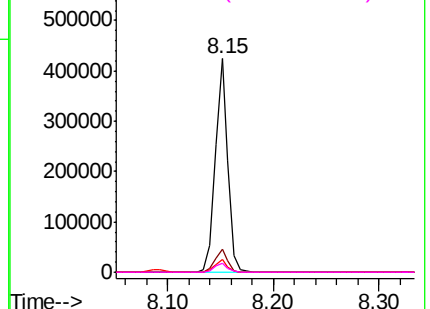
Abundance

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: 49.786 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF118203.D

Acq: 16 Dec 2019 18:22

Tgt Ion:105 Resp: 423624

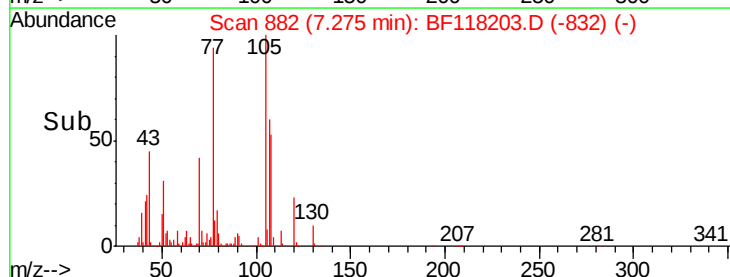
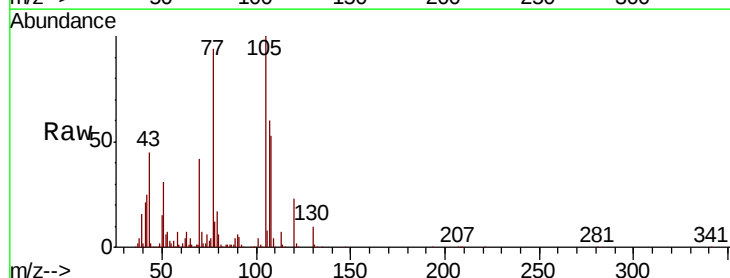
Ion Ratio Lower Upper

105 100

71 6.8 4.7 7.1

51 30.8 27.1 40.7

120 22.8 17.8 26.6



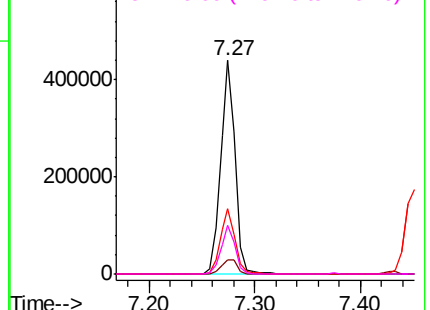
Abundance

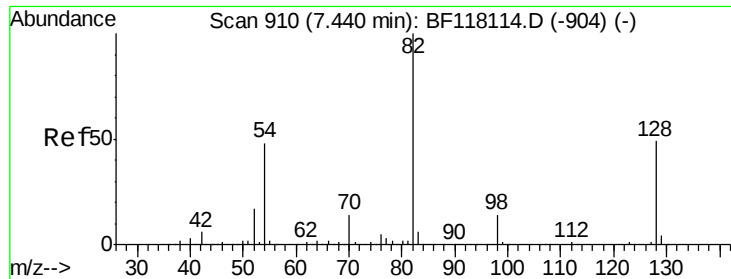
Ion 105.00 (104.70 to 105.70): E

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

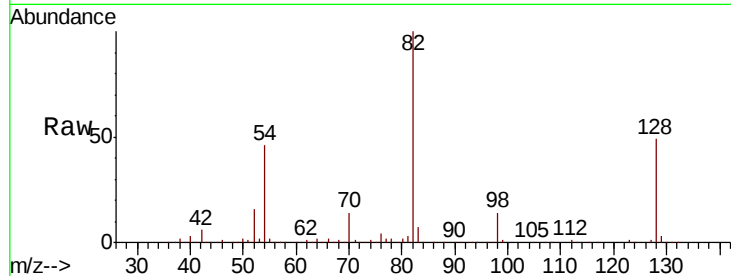




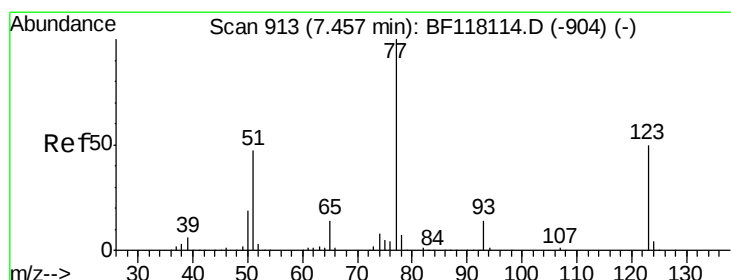
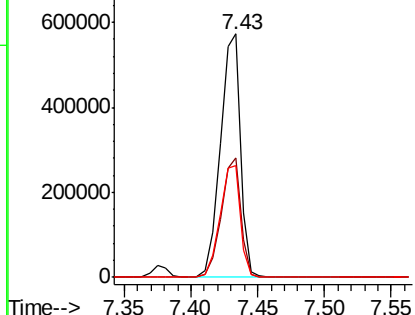
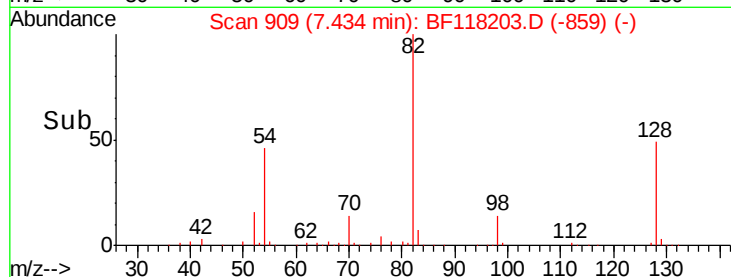
#23
 Nitrobenzene-d5
 Concen: 96.930 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: BF118203.D
 Acq: 16 Dec 2019 18:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 610222
 Ion Ratio Lower Upper
 82 100
 128 49.2 39.1 58.7
 54 45.7 38.2 57.2

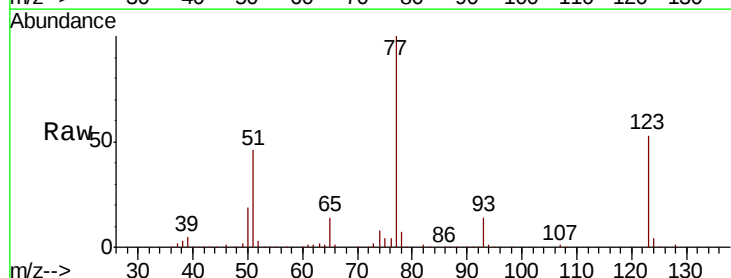


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

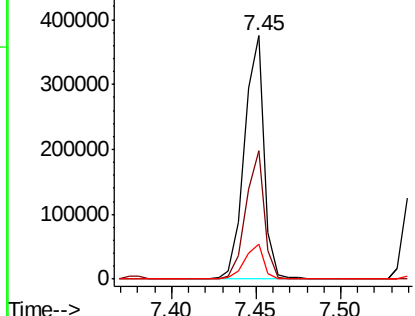
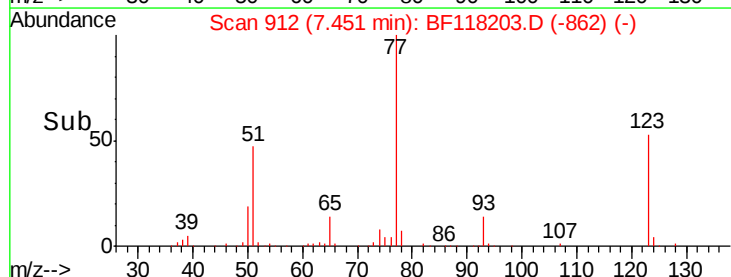


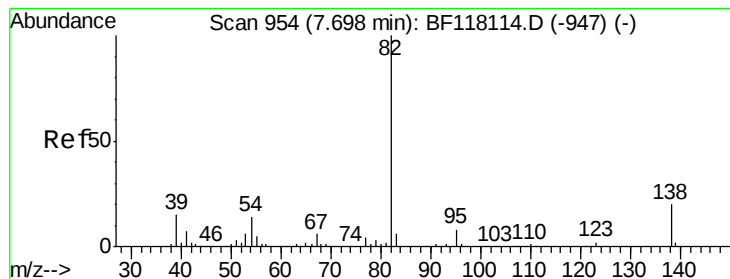
#24
 Nitrobenzene
 Concen: 48.796 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF118203.D
 Acq: 16 Dec 2019 18:22

Tgt Ion: 77 Resp: 301818
 Ion Ratio Lower Upper
 77 100
 123 52.8 40.1 60.1
 65 14.2 10.9 16.3



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 51.134 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF118203.D

Acq: 16 Dec 2019 18:22

Instrument :

BNA_F

ClientSampleId :

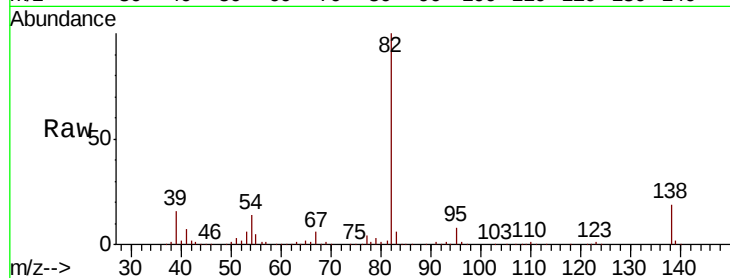
Tot Ion: 82 Resp: 545709

Ion Ratio Lower Upper

82 100

95 7.8 6.3 9.5

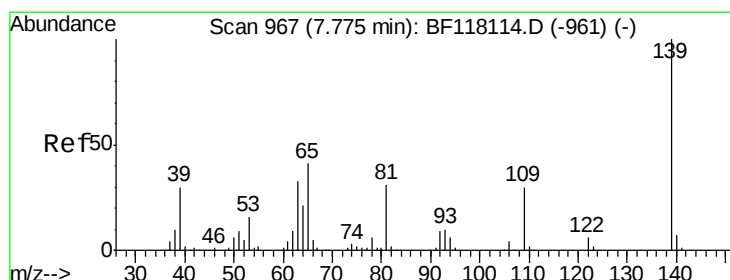
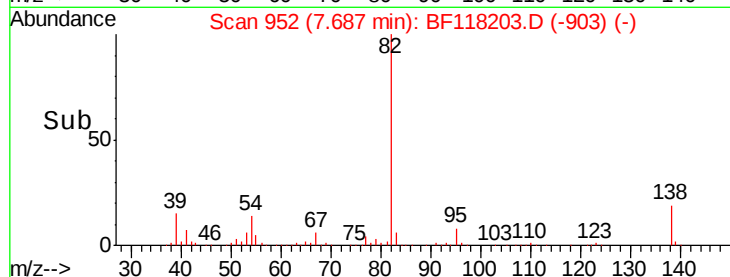
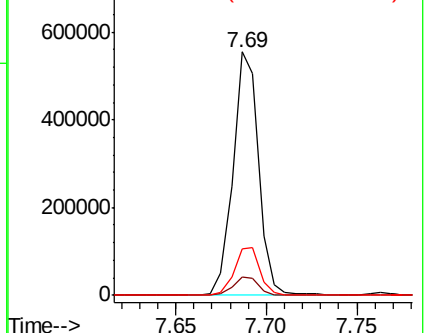
138 19.1 16.3 24.5



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 50.096 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.01 min

Lab File: BF118203.D

Acq: 16 Dec 2019 18:22

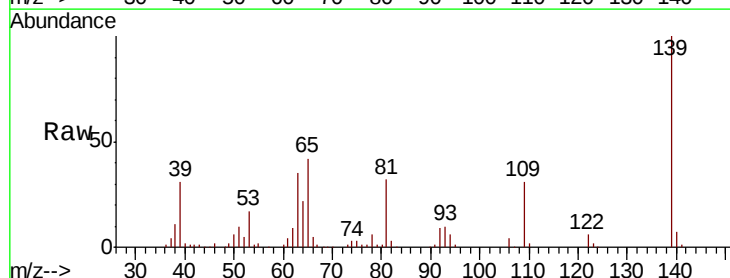
Tgt Ion: 139 Resp: 165614

Ion Ratio Lower Upper

139 100

109 31.3 23.9 35.9

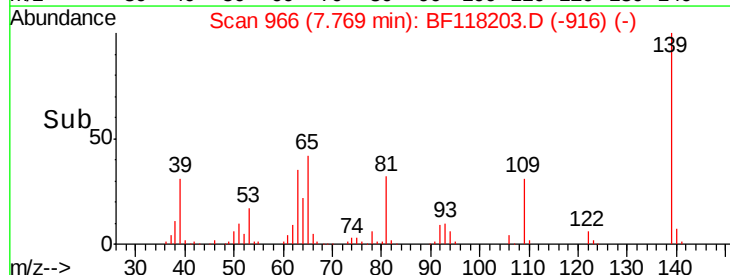
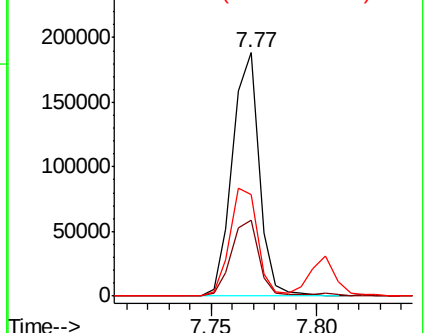
65 41.8 33.0 49.6

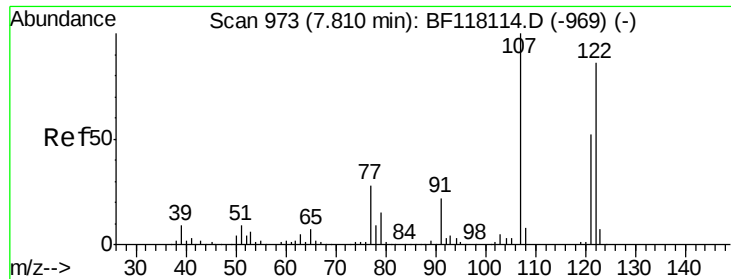


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

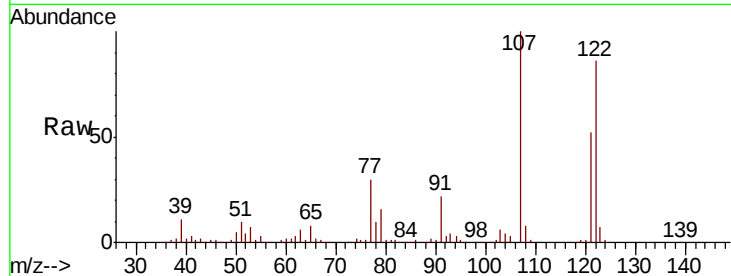




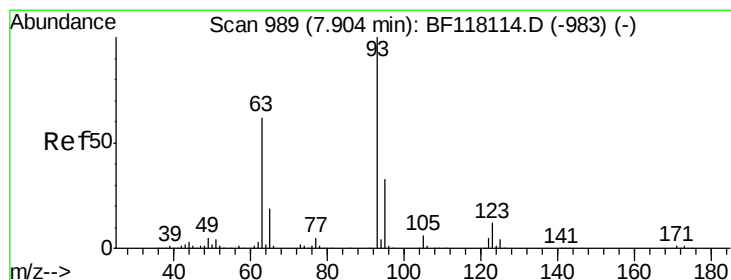
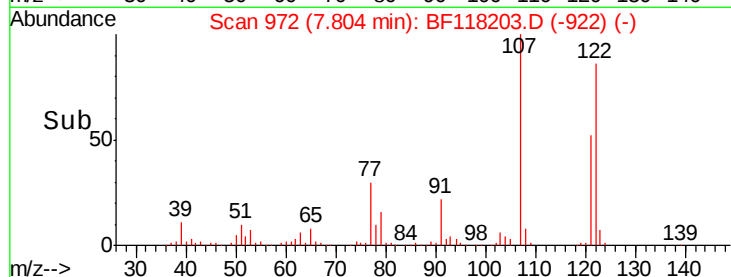
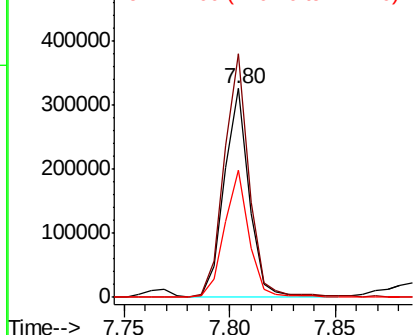
#27
2,4-Dimethylphenol
Concen: 60.038 ng
RT: 7.80 min Scan# 972
Delta R.T. -0.01 min
Lab File: BF118203.D
Acq: 16 Dec 2019 18:22

Instrument :
BNA_F
ClientSampled :

Tot Ion:122 Resp: 264752
Ion Ratio Lower Upper
122 100
107 116.8 92.9 139.3
121 60.8 48.3 72.5

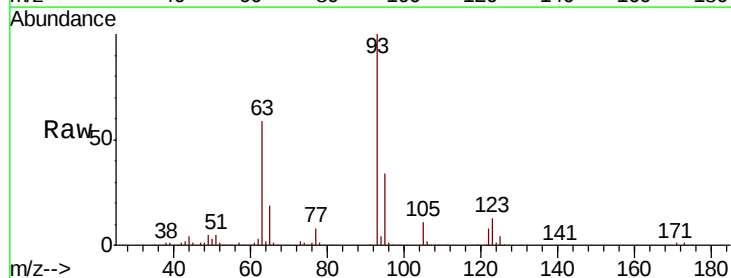


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

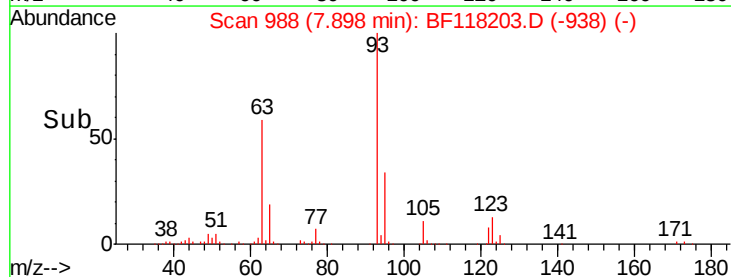
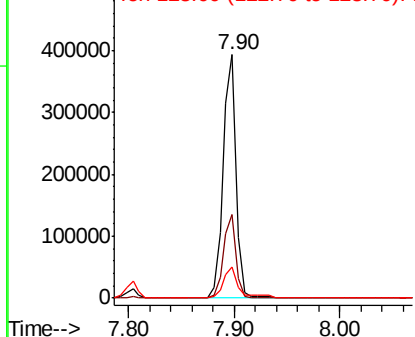


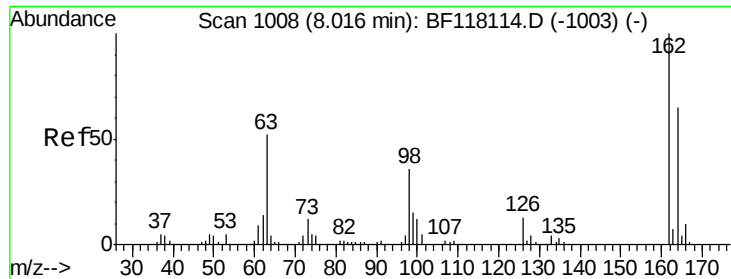
#28
bis(2-Chloroethoxy)methane
Concen: 48.441 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF118203.D
Acq: 16 Dec 2019 18:22

Tgt Ion: 93 Resp: 337804
Ion Ratio Lower Upper
93 100
95 34.1 26.7 40.1
123 12.9 10.0 15.0



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

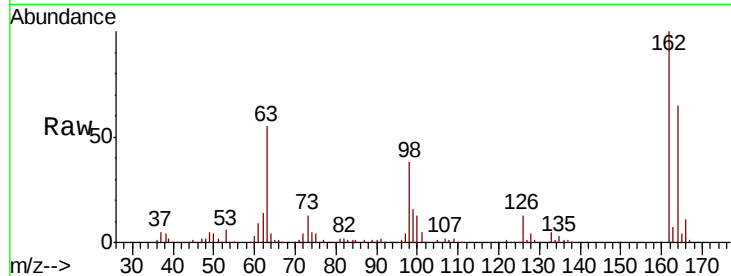




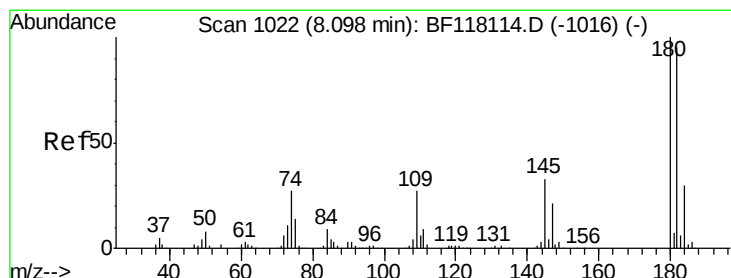
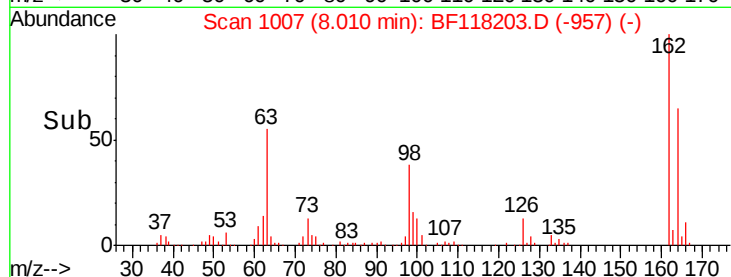
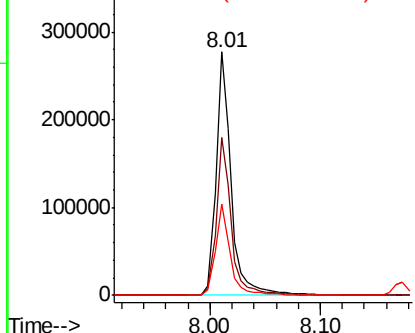
#29
 2,4-Dichlorophenol
 Concen: 50.804 ng
 RT: 8.01 min Scan# 1007
 Delta R.T. -0.01 min
 Lab File: BF118203.D
 Acq: 16 Dec 2019 18:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.8	45.2	85.2
98	37.7	15.9	55.9

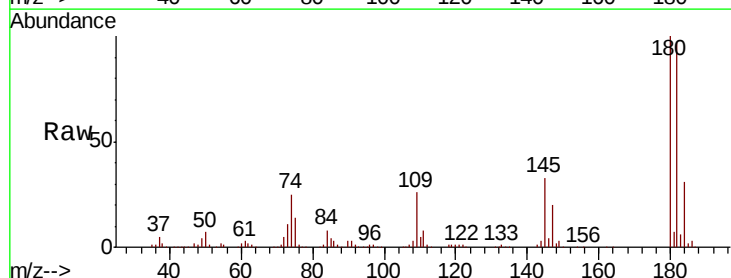


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

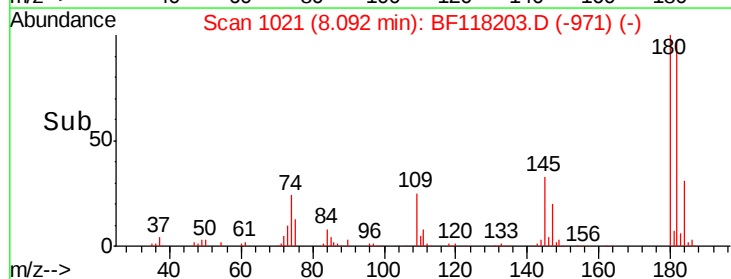
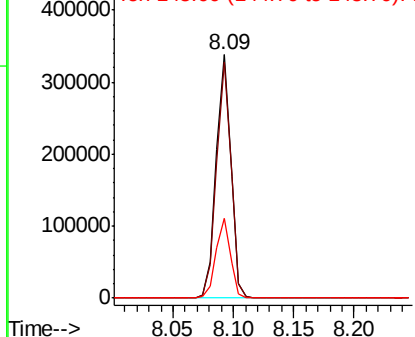


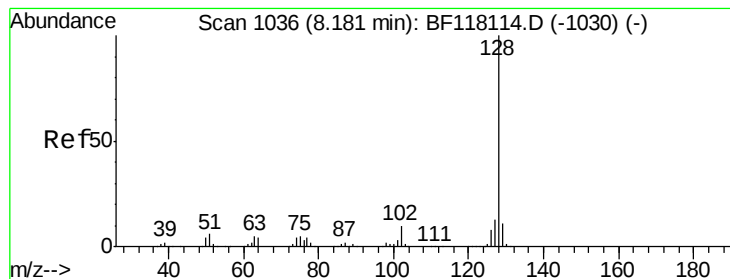
#30
 1,2,4-Trichlorobenzene
 Concen: 47.022 ng
 RT: 8.09 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BF118203.D
 Acq: 16 Dec 2019 18:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	76.1	114.1
145	33.0	26.1	39.1



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: 50.139 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF118203.D

Acq: 16 Dec 2019 18:22

Instrument :

BNA_F

ClientSampled :

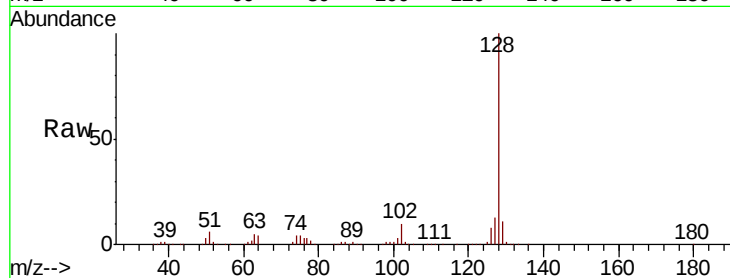
Tot Ion:128 Resp: 891839

Ion Ratio Lower Upper

128 100

129 11.5 9.1 13.7

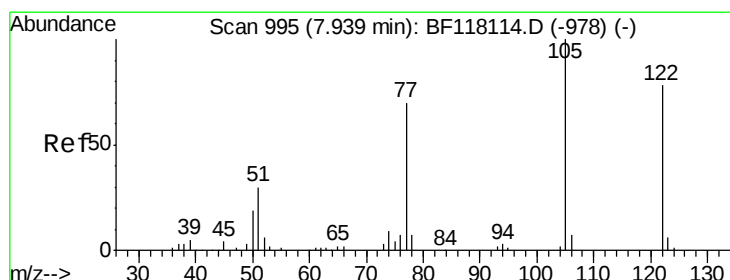
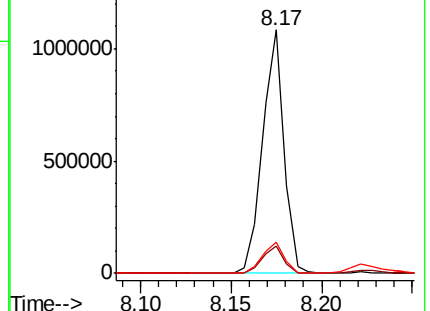
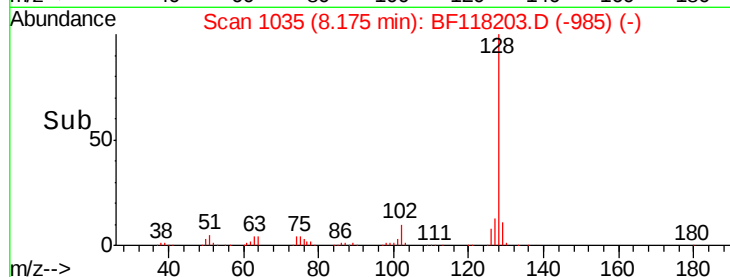
127 12.9 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 39.890 ng

RT: 7.93 min Scan# 993

Delta R.T. -0.01 min

Lab File: BF118203.D

Acq: 16 Dec 2019 18:22

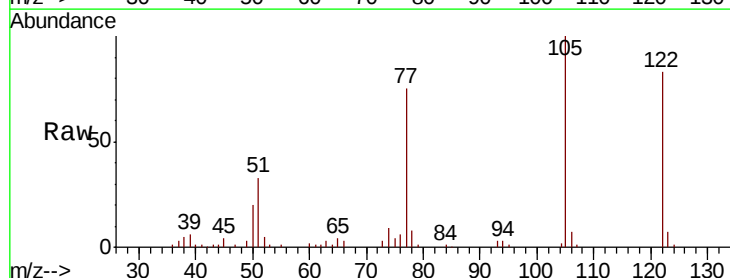
Tgt Ion:122 Resp: 158825

Ion Ratio Lower Upper

122 100

105 119.8 104.7 144.7

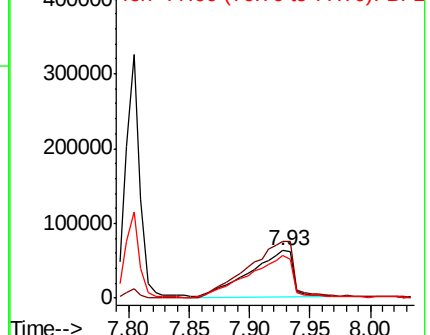
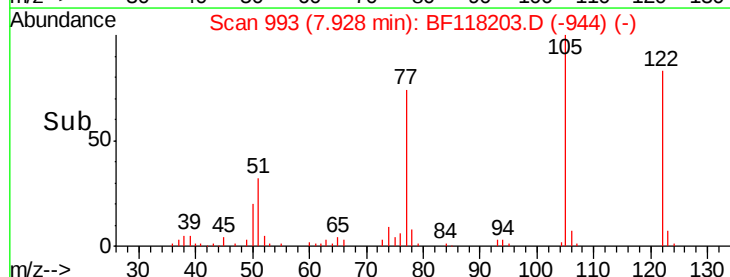
77 90.4 69.1 109.1

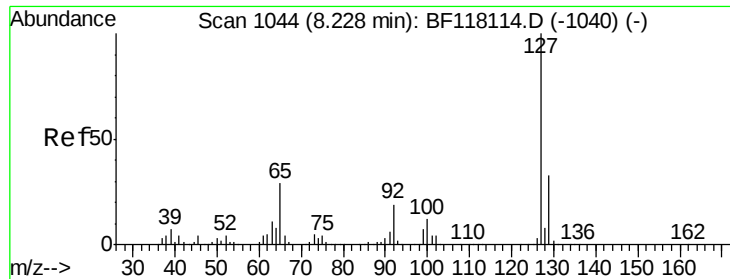


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

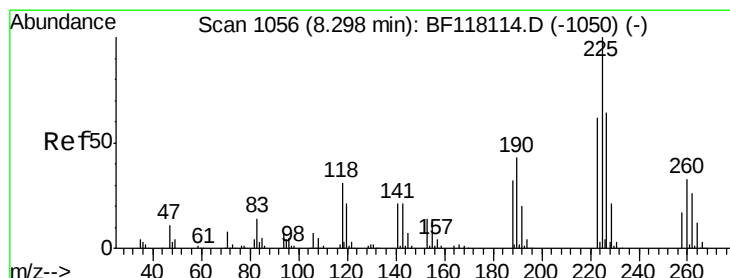
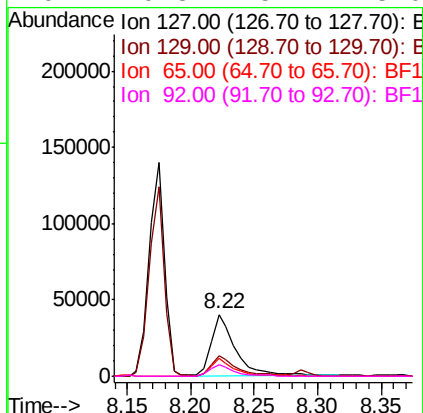
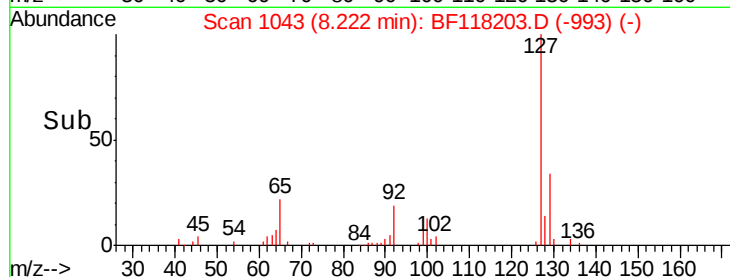
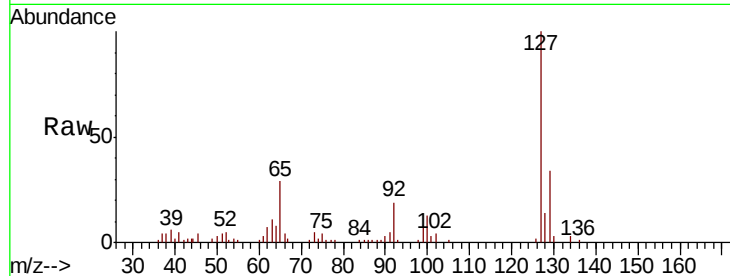




#33
4-Chloroaniline
Concen: 7.102 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF118203.D
Acq: 16 Dec 2019 18:22

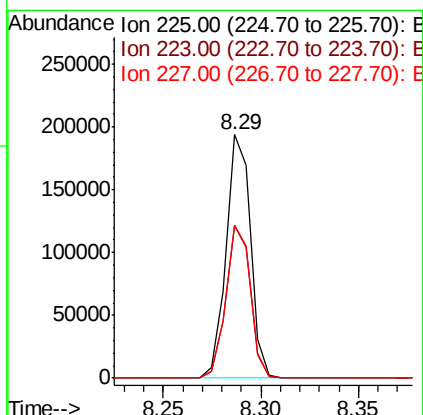
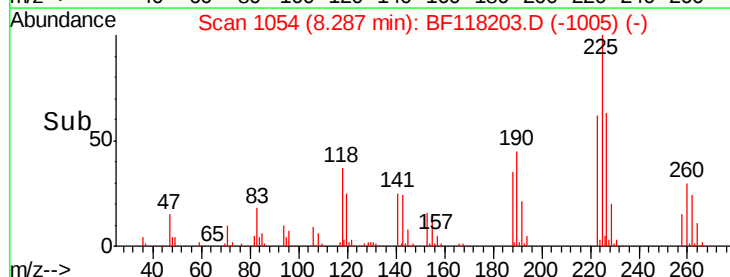
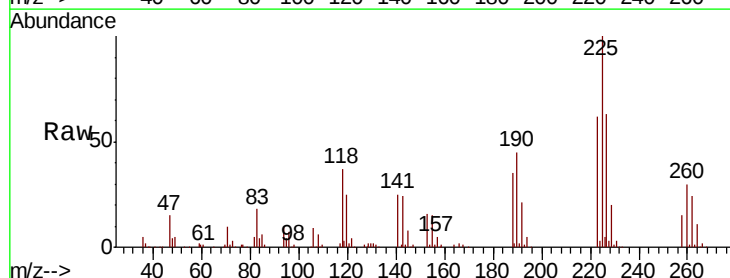
Instrument :
BNA_F
ClientSampleId :

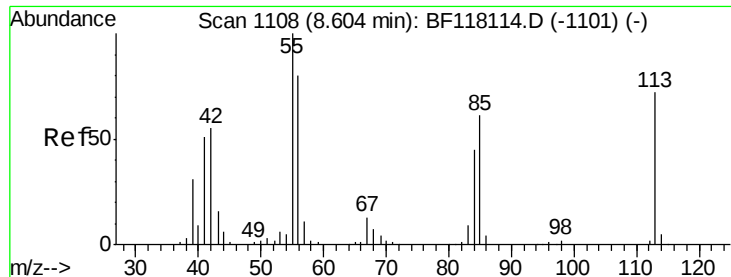
Tot Ion:	127	Resp:	54548
Ion	Ratio	Lower	Upper
127	100		
129	33.9	26.6	40.0
65	28.8	23.2	34.8
92	19.3	15.4	23.0



#34
Hexachlorobutadiene
Concen: 46.521 ng
RT: 8.29 min Scan# 1054
Delta R.T. -0.01 min
Lab File: BF118203.D
Acq: 16 Dec 2019 18:22

Tgt Ion:	225	Resp:	167597
Ion	Ratio	Lower	Upper
225	100		
223	62.5	49.6	74.4
227	62.8	51.0	76.6

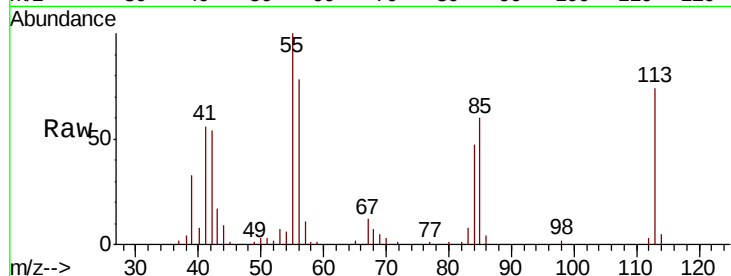




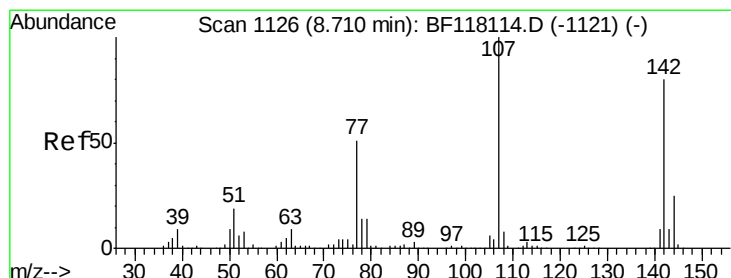
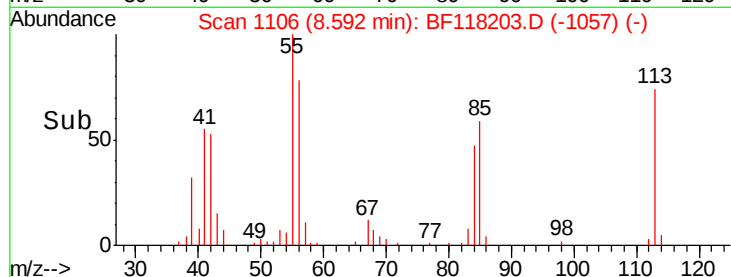
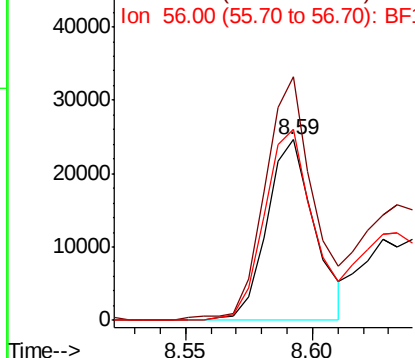
#35
 Caprolactam
 Concen: 20.407 ng
 RT: 8.59 min Scan# 1106
 Delta R.T. -0.01 min
 Lab File: BF118203.D
 Acq: 16 Dec 2019 18:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 32352
 Ion Ratio Lower Upper
 113 100
 55 134.8 118.9 158.9
 56 105.7 91.4 131.4

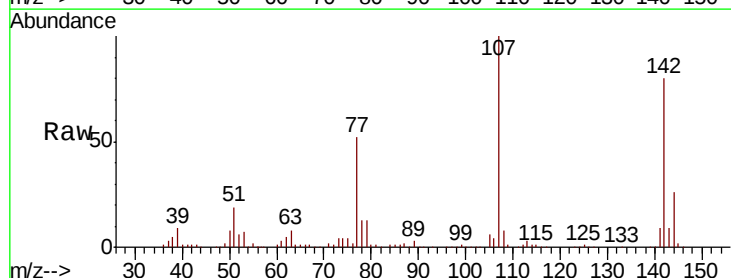


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

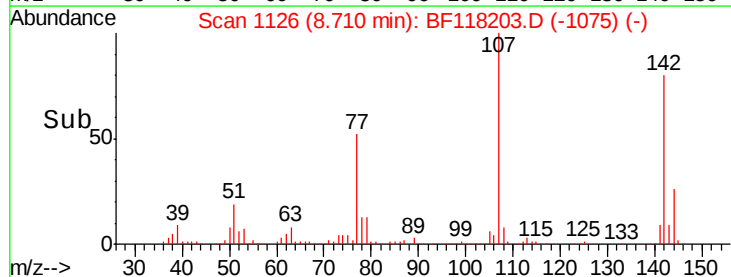
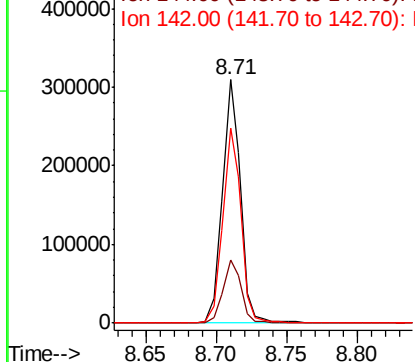


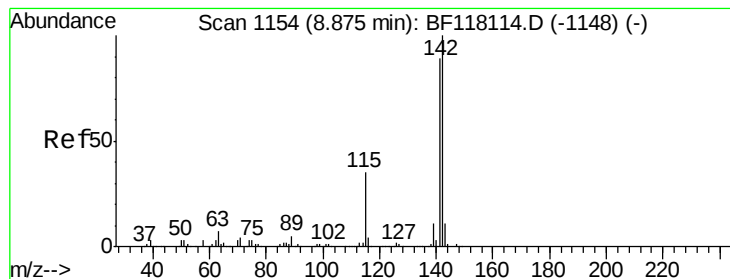
#36
 4-Chloro-3-methylphenol
 Concen: 50.914 ng
 RT: 8.71 min Scan# 1126
 Delta R.T. 0.00 min
 Lab File: BF118203.D
 Acq: 16 Dec 2019 18:22

Tgt Ion:107 Resp: 275441
 Ion Ratio Lower Upper
 107 100
 144 26.2 20.3 30.5
 142 80.1 63.7 95.5



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

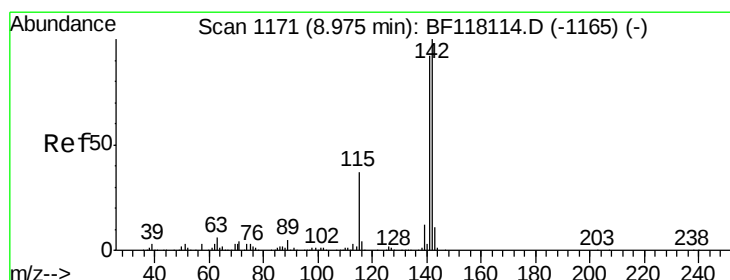
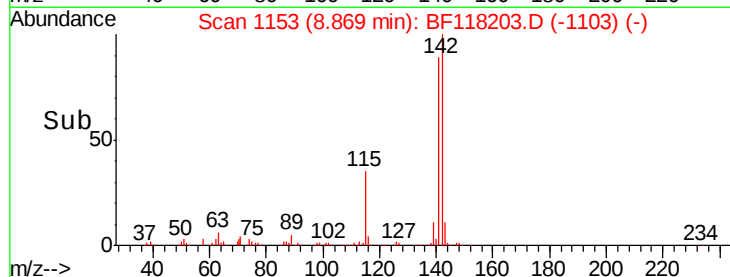
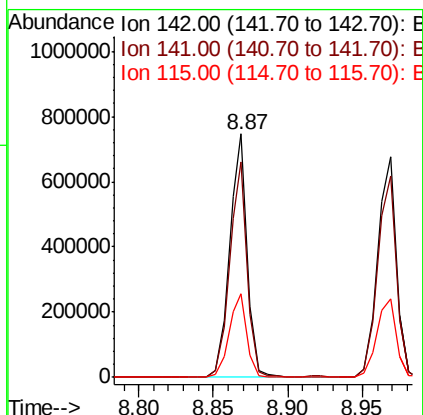
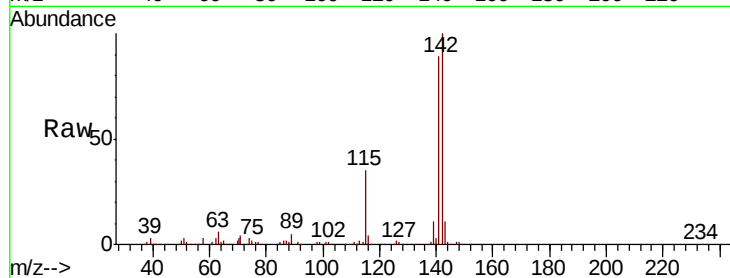




#37
2-Methylnaphthalene
Concen: 51.474 ng
RT: 8.87 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BF118203.D
Acq: 16 Dec 2019 18:22

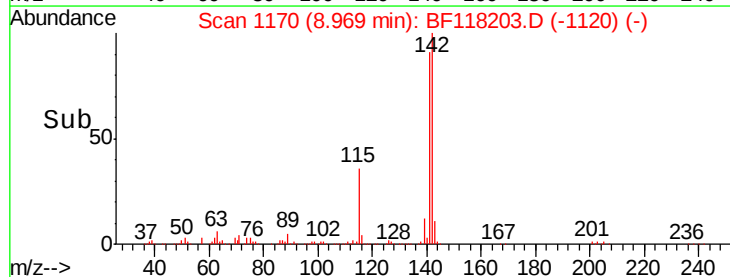
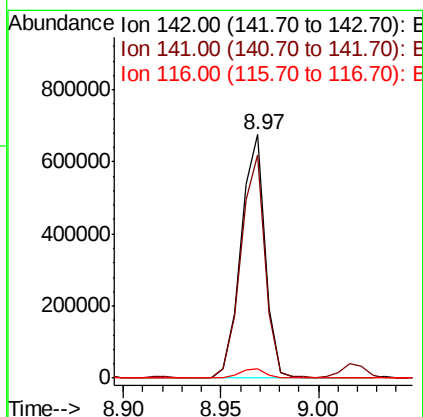
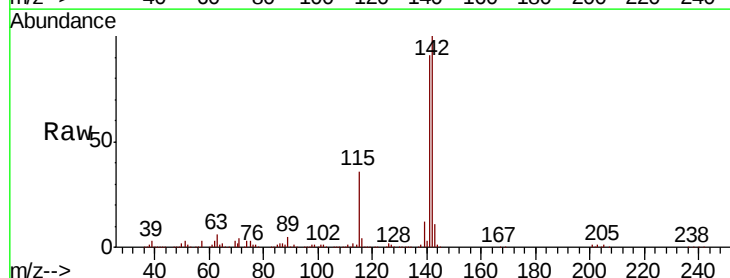
Instrument :
BNA_F
ClientSampleId :

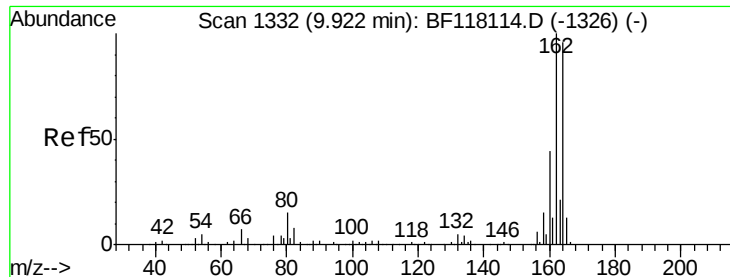
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	71.4	107.0
115	34.6	28.2	42.4



#38
1-Methylnaphthalene
Concen: 50.953 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BF118203.D
Acq: 16 Dec 2019 18:22

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.4	74.0	111.0
116	3.7	3.2	4.8

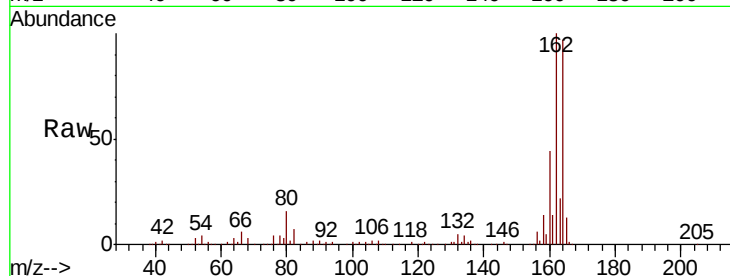




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF118203.D
Acq: 16 Dec 2019 18:22

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.6	83.4	125.0
160	45.3	36.6	54.8

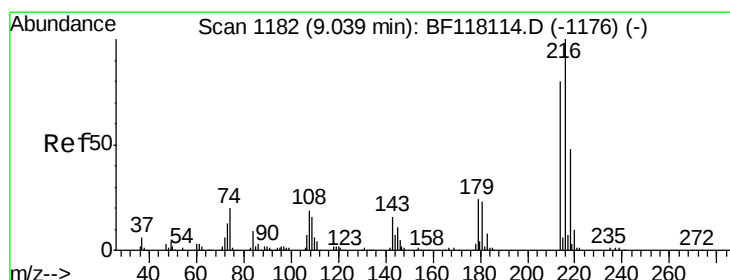
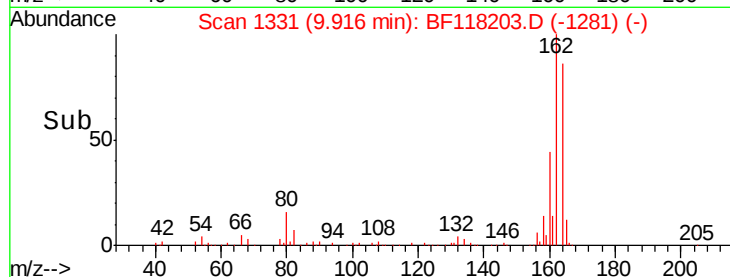
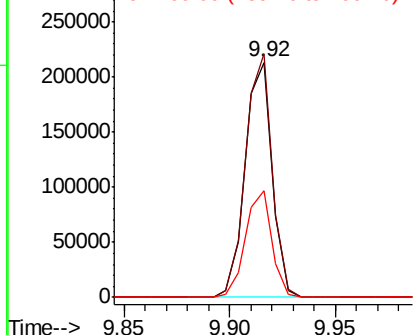


Abundance

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: 49.031 ng
RT: 9.03 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BF118203.D
Acq: 16 Dec 2019 18:22

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.8	63.4	95.2
179	22.9	18.6	27.8
108	20.9	15.4	23.0

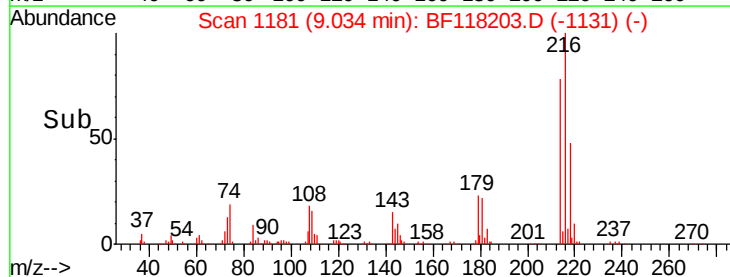
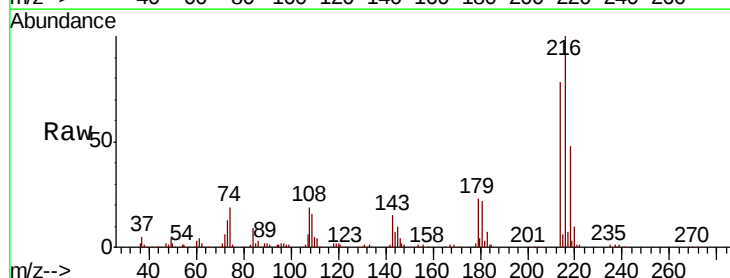
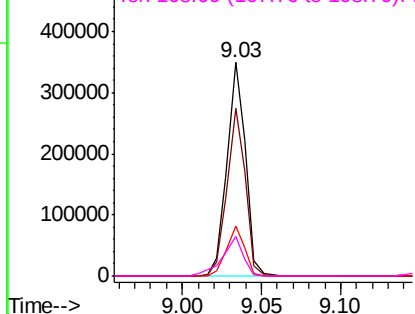
Abundance

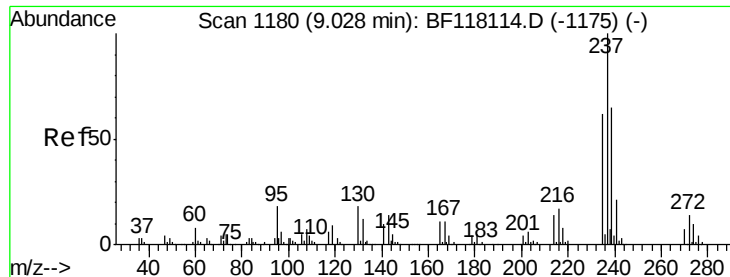
Ion 216.00 (215.70 to 216.70): E

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: 104.454 ng

RT: 9.02 min Scan# 1179

Delta R.T. -0.01 min

Lab File: BF118203.D

Acq: 16 Dec 2019 18:22

Instrument :

BNA_F

ClientSampleId :

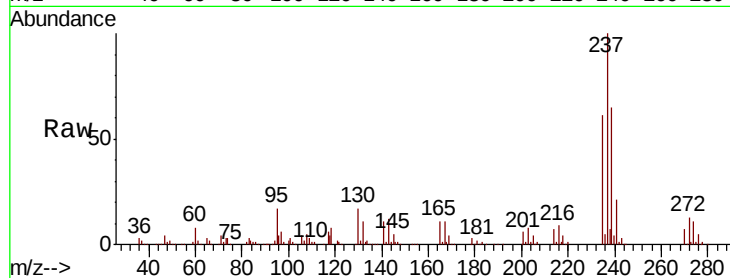
Tot Ion:237 Resp: 268347

Ion Ratio Lower Upper

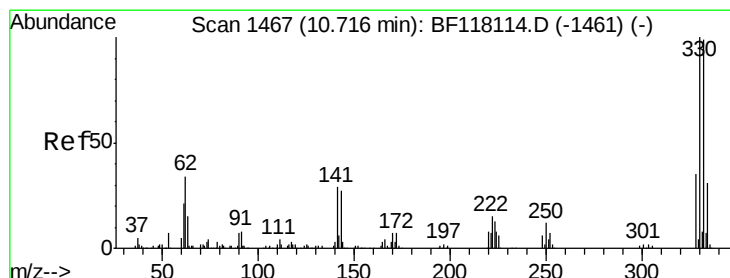
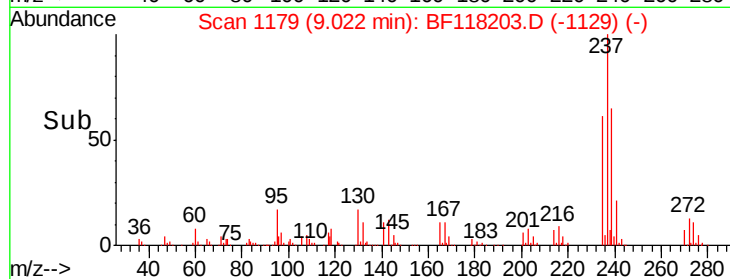
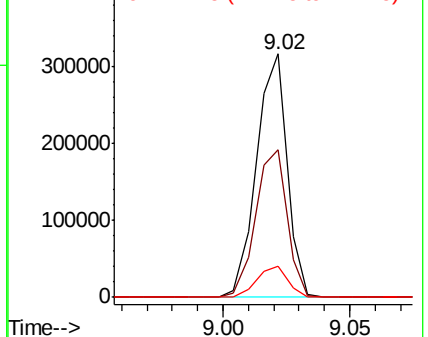
237 100

235 60.8 41.5 81.5

272 12.9 0.0 33.7



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: 162.785 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BF118203.D

Acq: 16 Dec 2019 18:22

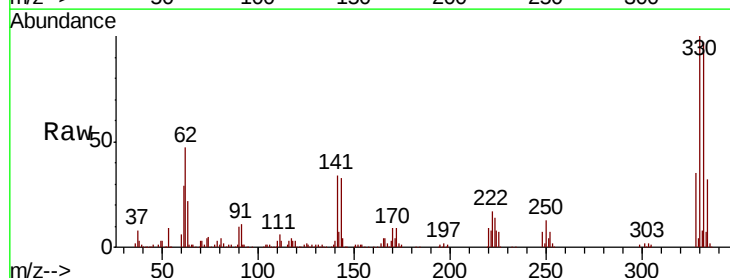
Tgt Ion:330 Resp: 374303

Ion Ratio Lower Upper

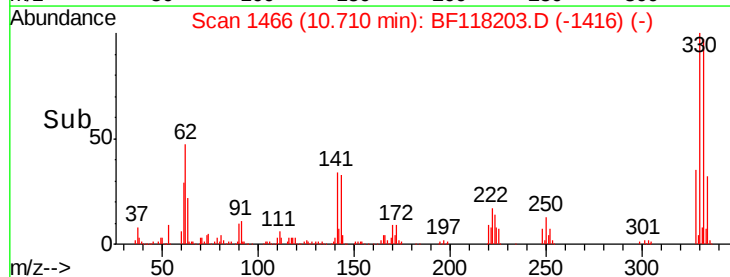
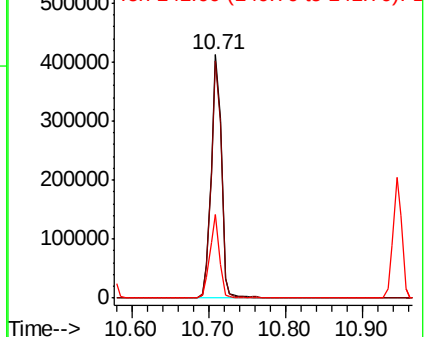
330 100

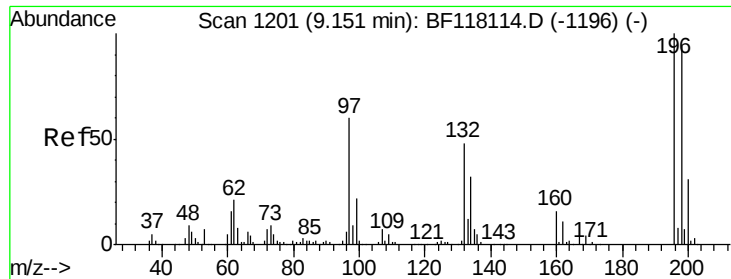
332 97.8 78.1 117.1

141 32.5 26.9 40.3



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

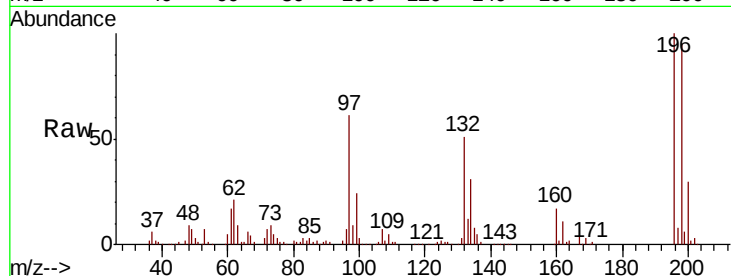




#43
 2,4,6-Trichlorophenol
 Concen: 50.462 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF118203.D
 Acq: 16 Dec 2019 18:22

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 193191
 Ion Ratio Lower Upper
 196 100
 198 95.3 75.0 112.4
 200 30.3 24.5 36.7

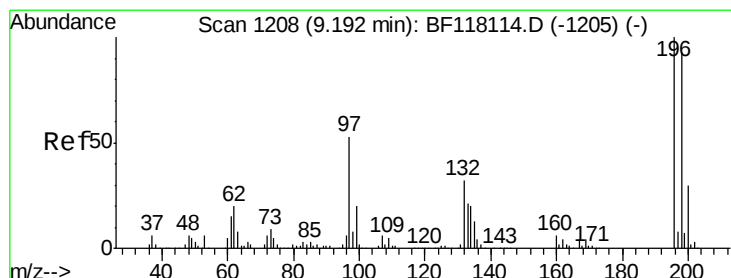
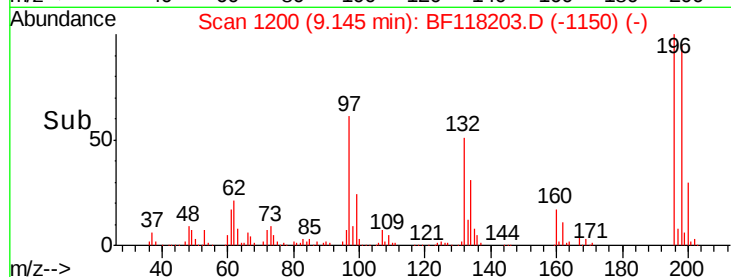
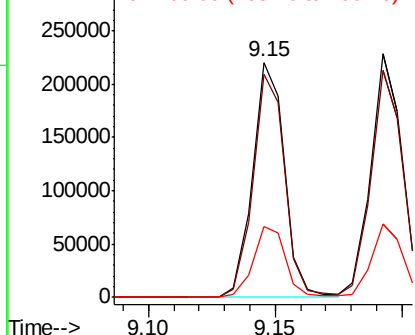


Abundance

Ion 196.00 (195.70 to 196.70): E

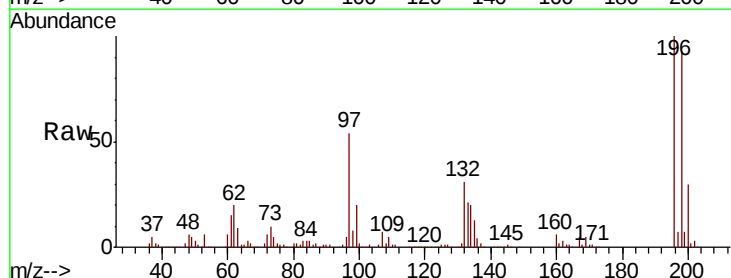
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 51.946 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.00 min
 Lab File: BF118203.D
 Acq: 16 Dec 2019 18:22

Tgt Ion:196 Resp: 206039
 Ion Ratio Lower Upper
 196 100
 198 93.2 74.2 111.4
 97 53.7 42.5 63.7
 132 30.8 25.4 38.2



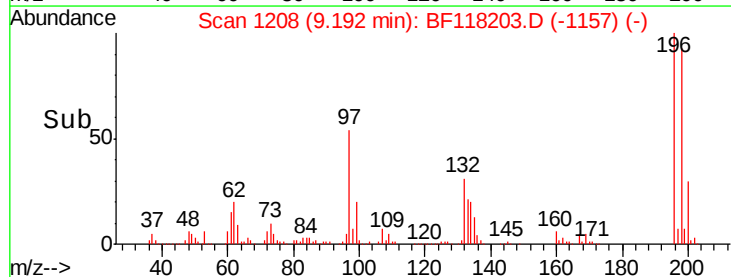
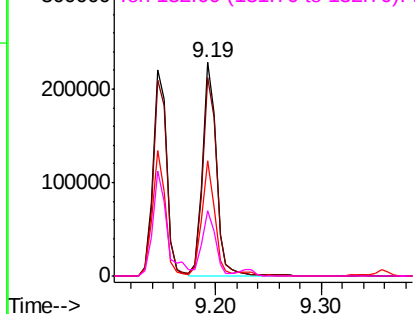
Abundance

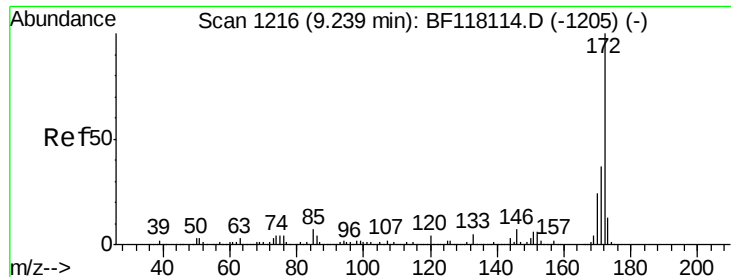
Ion 196.00 (195.70 to 196.70): E

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



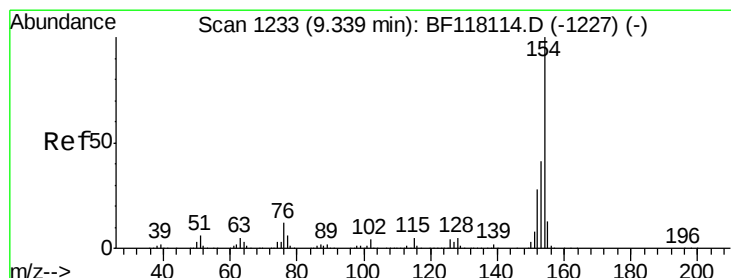
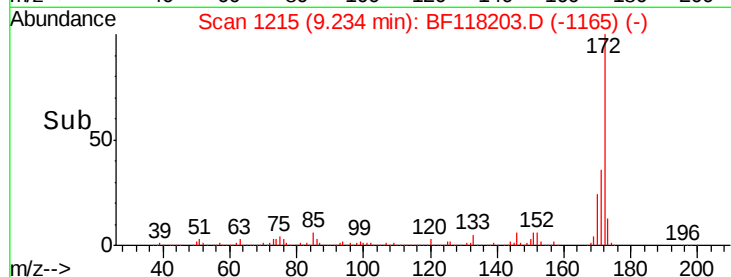
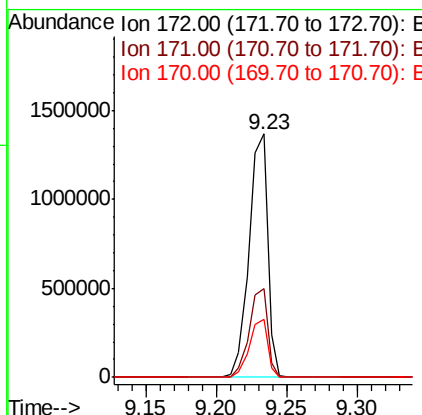
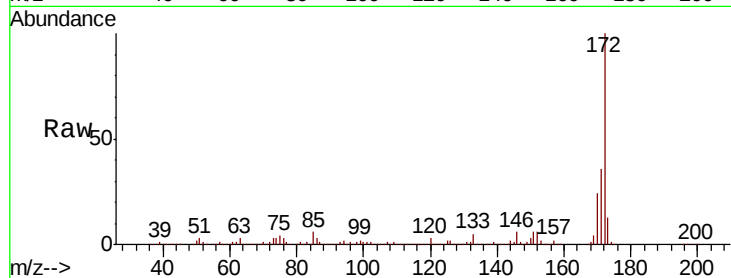


#45
 2-Fluorobiphenyl
 Concen: 102.617 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF118203.D
 Acq: 16 Dec 2019 18:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1276448

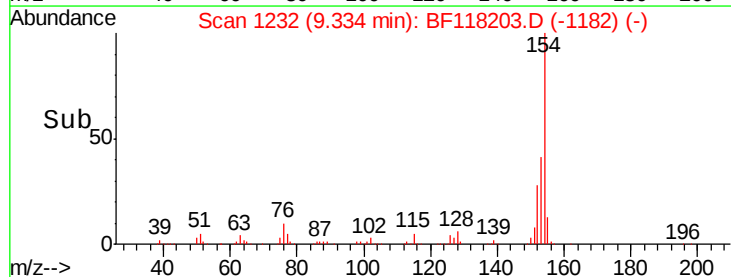
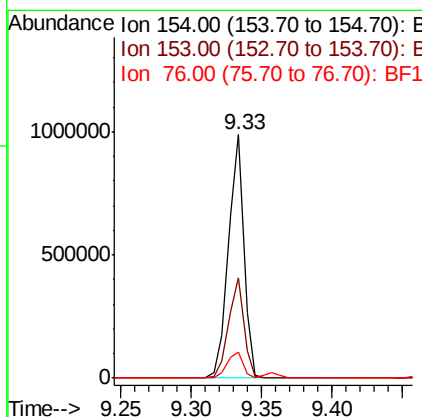
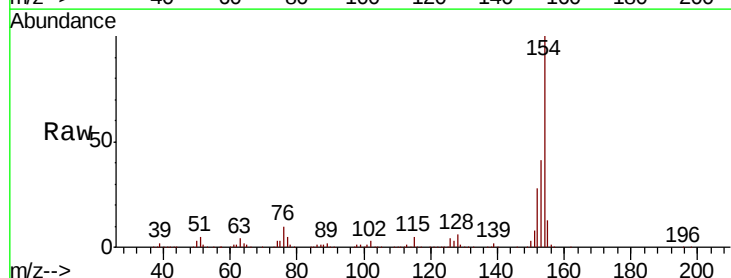
Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.2	43.8
170	23.8	19.4	29.2

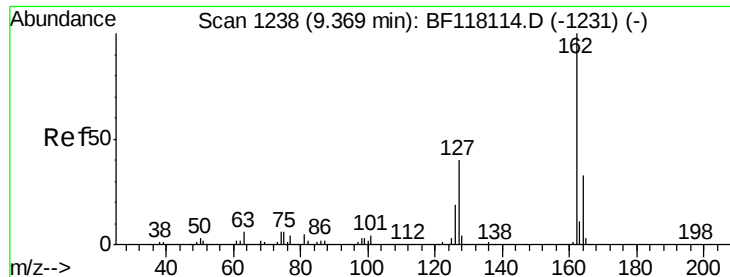


#46
 1,1'-Biphenyl
 Concen: 50.476 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.01 min
 Lab File: BF118203.D
 Acq: 16 Dec 2019 18:22

Tgt Ion:154 Resp: 753513

Ion	Ratio	Lower	Upper
154	100		
153	41.2	20.7	60.7
76	10.5	0.0	31.9

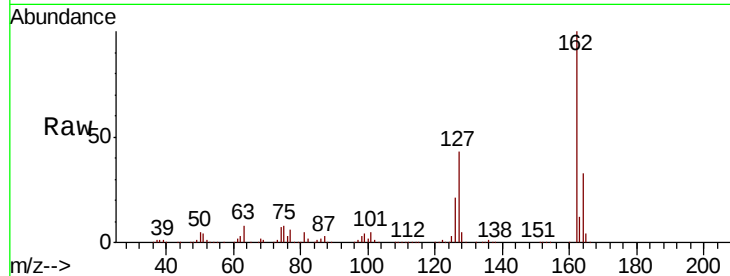




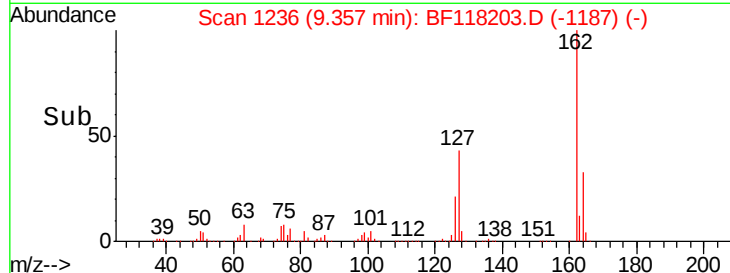
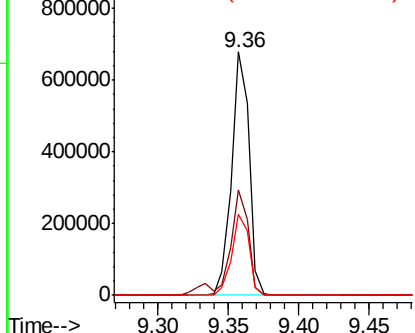
#47
 2-Chloronaphthalene
 Concen: 48.706 ng
 RT: 9.36 min Scan# 1236
 Delta R.T. -0.01 min
 Lab File: BF118203.D
 Acq: 16 Dec 2019 18:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 584879
 Ion Ratio Lower Upper
 162 100
 127 43.2 32.0 48.0
 164 33.1 26.1 39.1

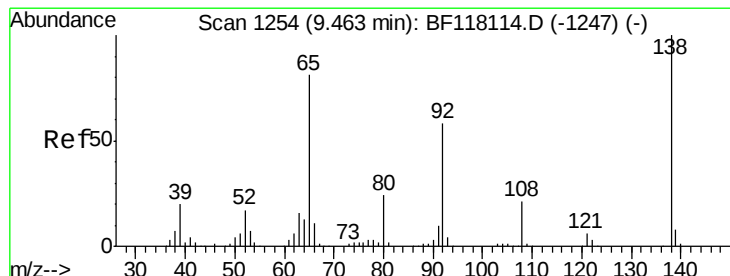


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

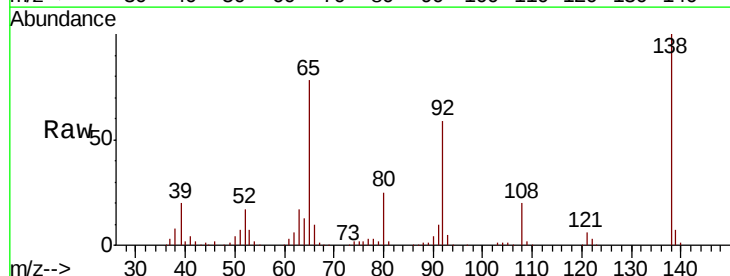
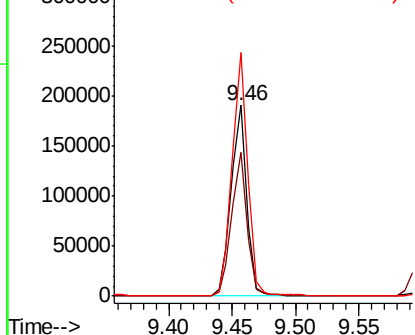


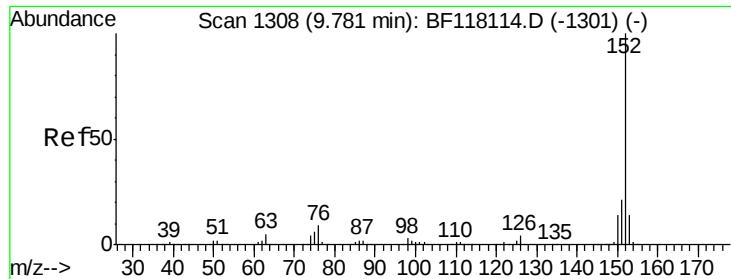
#48
 2-Nitroaniline
 Concen: 47.669 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.01 min
 Lab File: BF118203.D
 Acq: 16 Dec 2019 18:22

Tgt Ion: 65 Resp: 163240
 Ion Ratio Lower Upper
 65 100
 92 75.5 57.8 86.6
 138 127.8 98.8 148.2



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: 53.150 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF118203.D

Acq: 16 Dec 2019 18:22

Instrument :

BNA_F

ClientSampled :

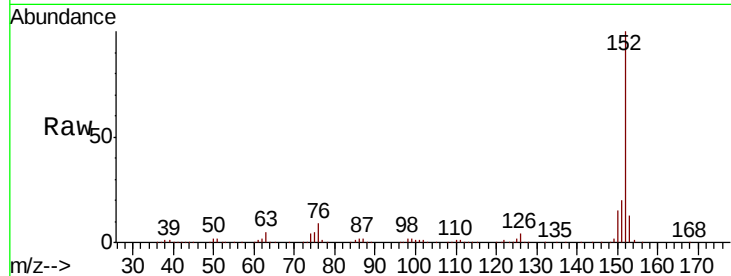
Tot Ion:152 Resp: 941365

Ion Ratio Lower Upper

152 100

151 20.4 16.4 24.6

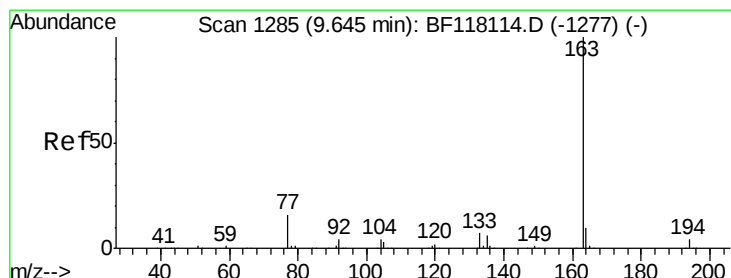
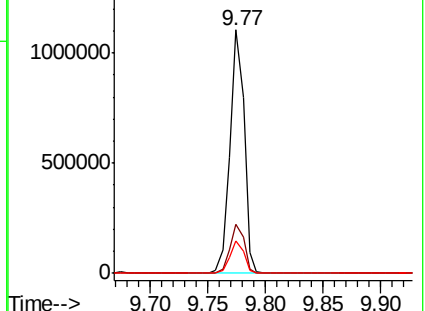
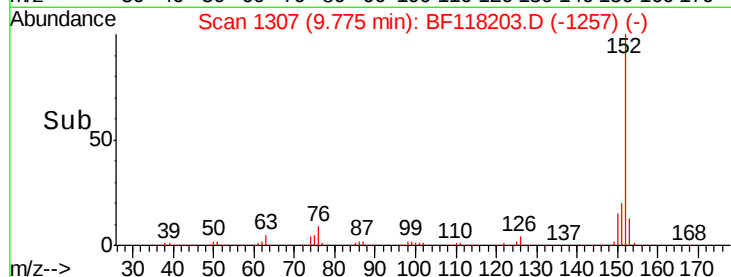
153 13.3 10.8 16.2



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: 54.867 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BF118203.D

Acq: 16 Dec 2019 18:22

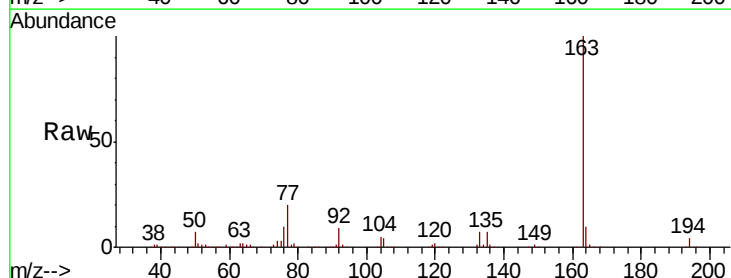
Tgt Ion:163 Resp: 767080

Ion Ratio Lower Upper

163 100

194 3.7 3.1 4.7

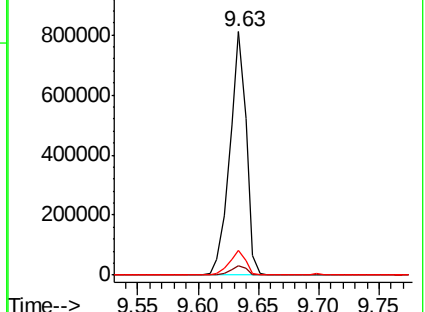
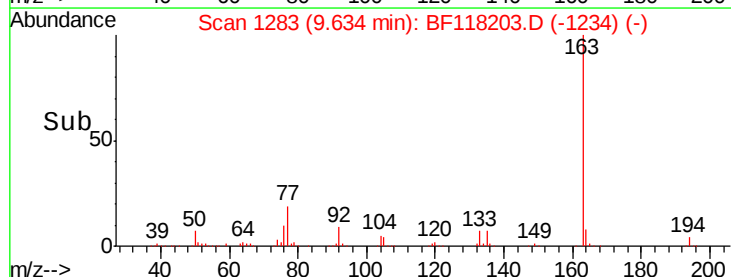
164 10.3 7.7 11.5

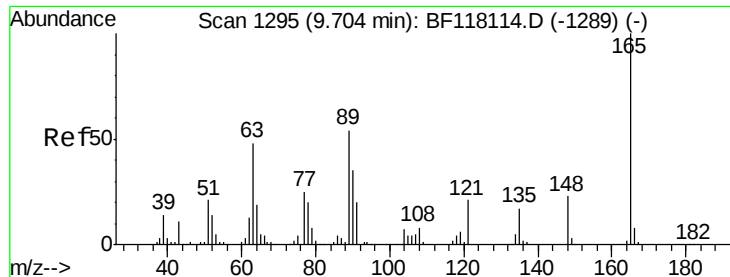


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 52.344 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF118203.D

Acq: 16 Dec 2019 18:22

Instrument :

BNA_F

ClientSampleId :

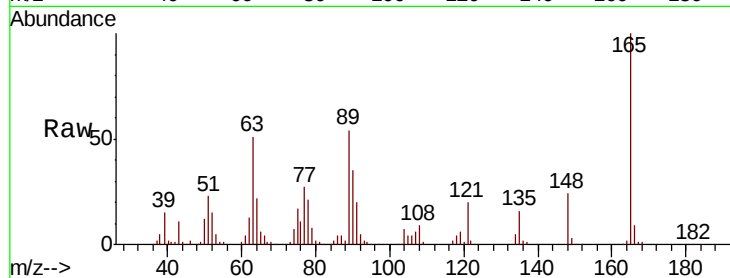
Tot Ion:165 Resp: 159129

Ion Ratio Lower Upper

165 100

63 50.6 41.4 62.0

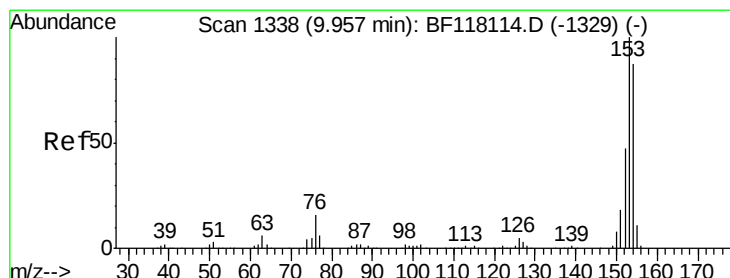
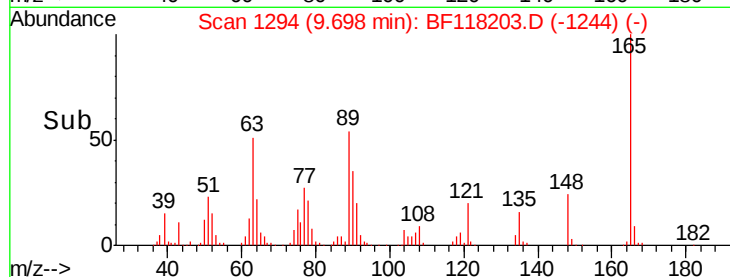
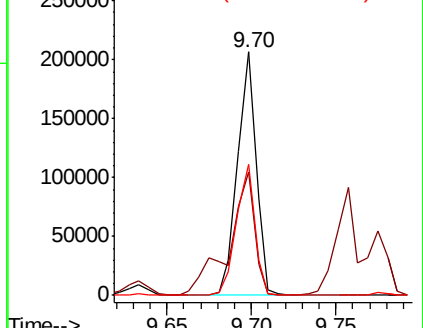
89 54.0 42.9 64.3



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: 50.230 ng

RT: 9.95 min Scan# 1336

Delta R.T. -0.01 min

Lab File: BF118203.D

Acq: 16 Dec 2019 18:22

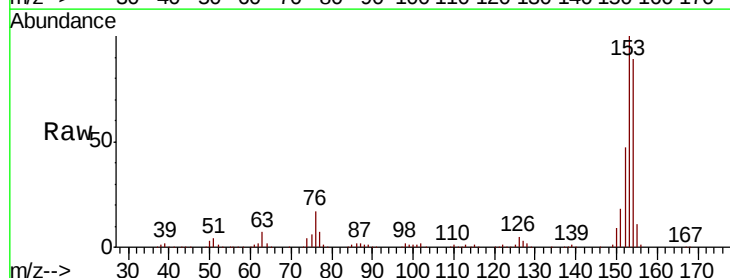
Tgt Ion:154 Resp: 543009

Ion Ratio Lower Upper

154 100

153 112.4 91.8 137.6

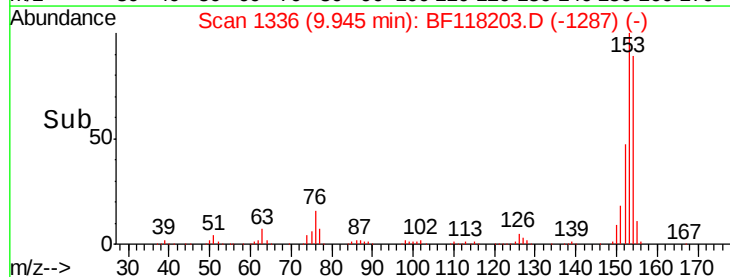
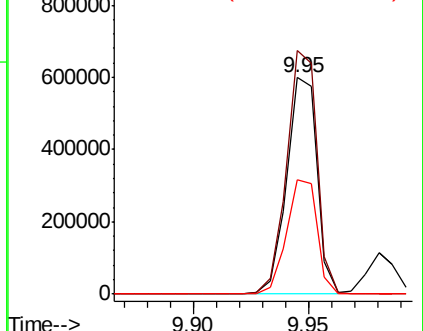
152 52.9 43.3 64.9

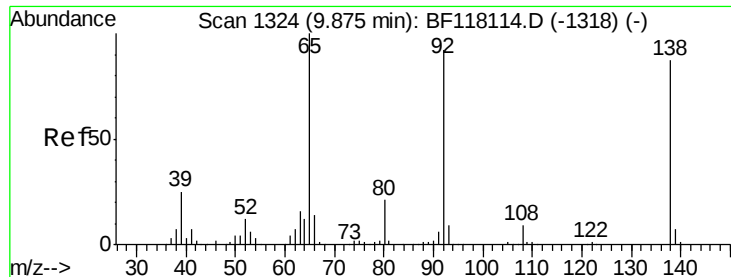


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

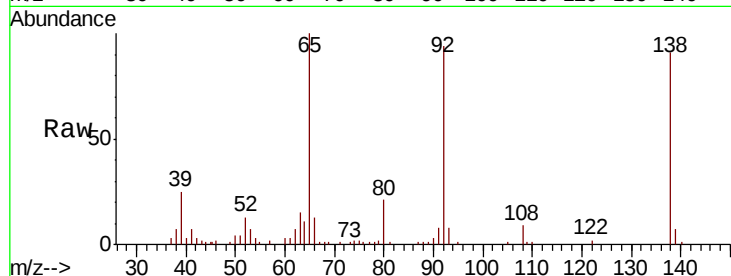




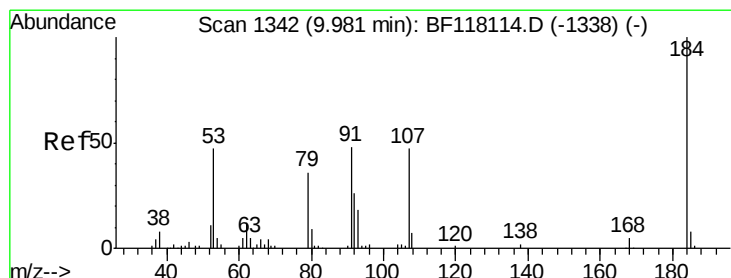
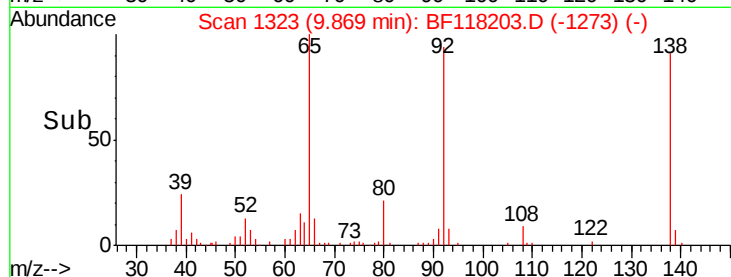
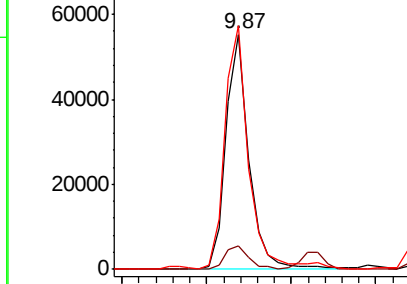
#53
3-Nitroaniline
Concen: 14.655 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF118203.D
Acq: 16 Dec 2019 18:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 52429
Ion Ratio Lower Upper
138 100
108 10.1 8.2 12.4
92 103.5 84.9 127.3

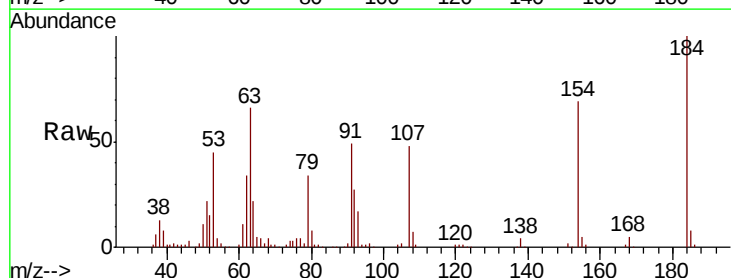


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

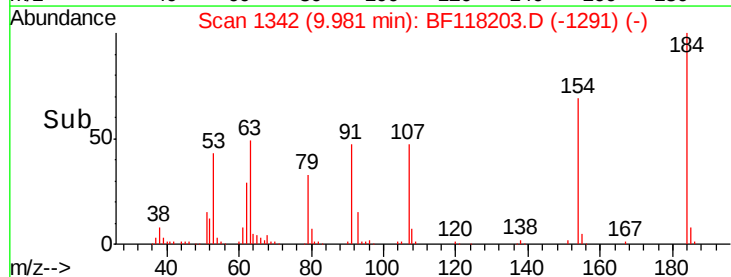
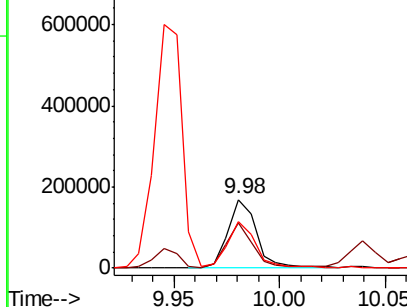


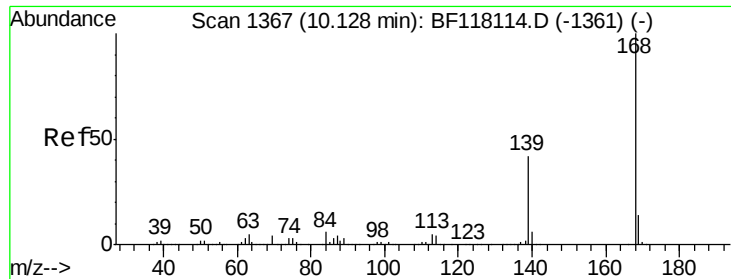
#54
2,4-Dinitrophenol
Concen: 104.372 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BF118203.D
Acq: 16 Dec 2019 18:22

Tgt Ion:184 Resp: 157859
Ion Ratio Lower Upper
184 100
63 66.0 53.9 80.9
154 68.7 56.3 84.5



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

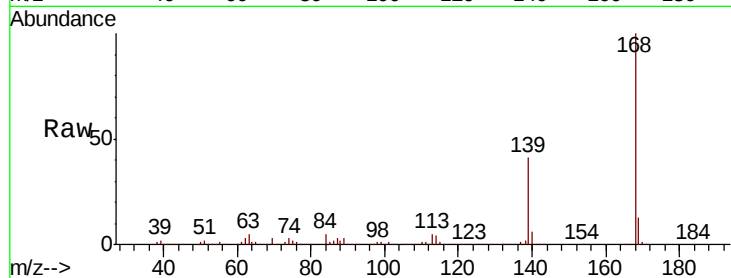




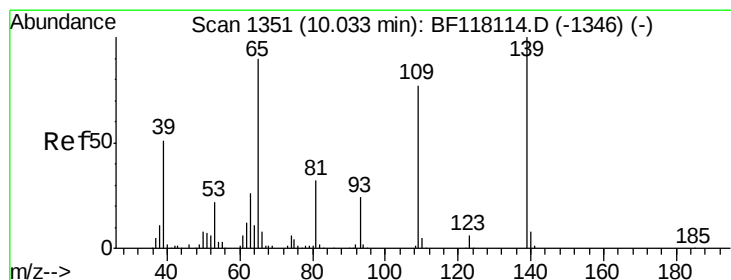
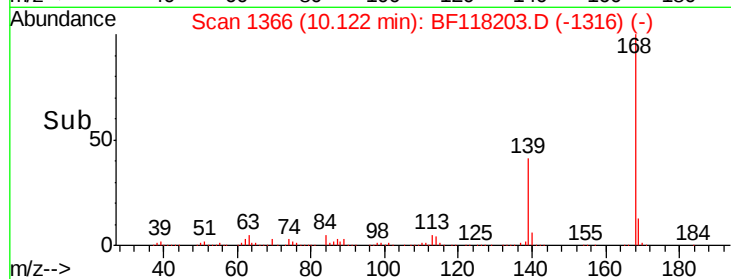
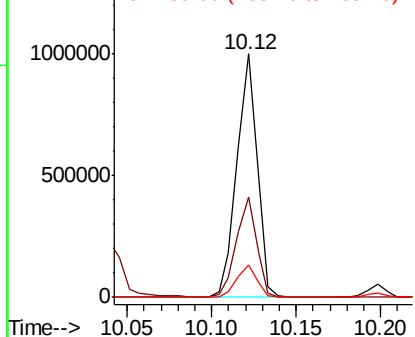
#55
Dibenzenofuran
Concen: 52.581 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BF118203.D
Acq: 16 Dec 2019 18:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 832903
Ion Ratio Lower Upper
168 100
139 41.3 33.4 50.0
169 13.4 11.0 16.6

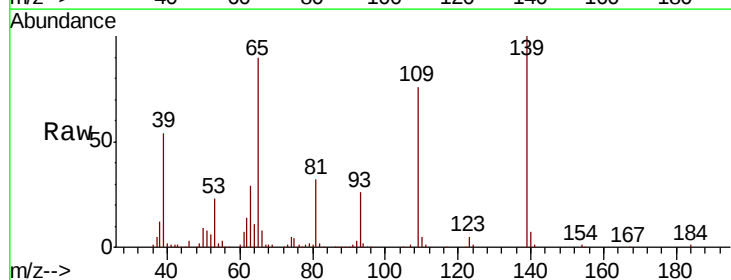


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

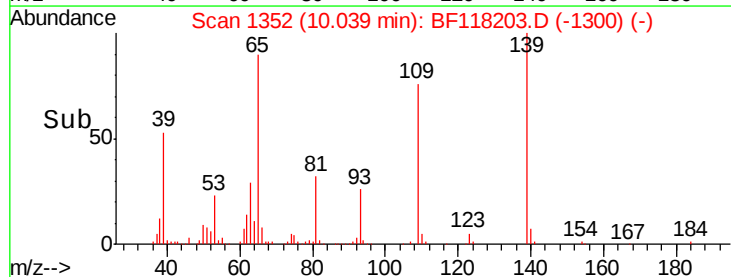
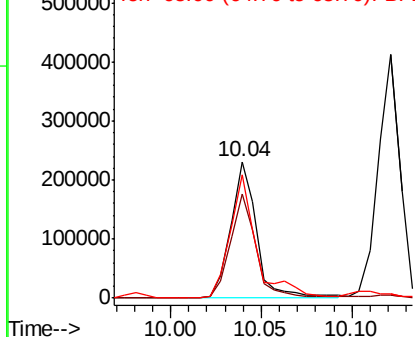


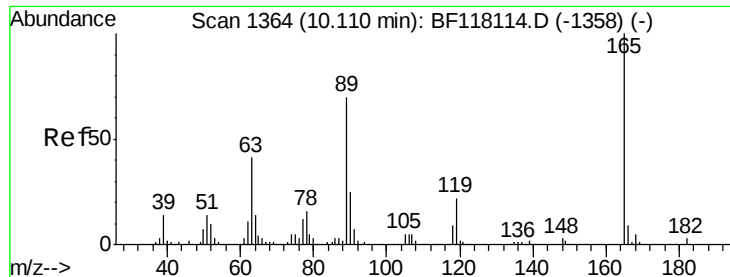
#56
4-Nitrophenol
Concen: 92.563 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.01 min
Lab File: BF118203.D
Acq: 16 Dec 2019 18:22

Tgt Ion:139 Resp: 229821
Ion Ratio Lower Upper
139 100
109 76.4 57.3 97.3
65 90.3 70.2 110.2



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

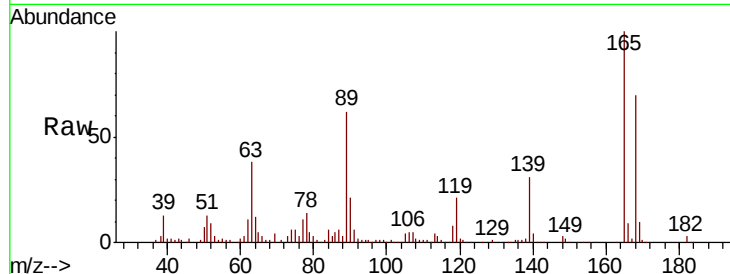




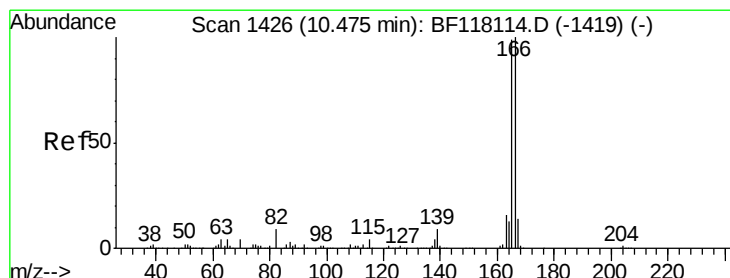
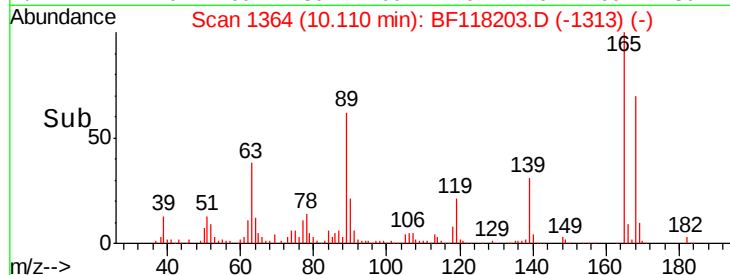
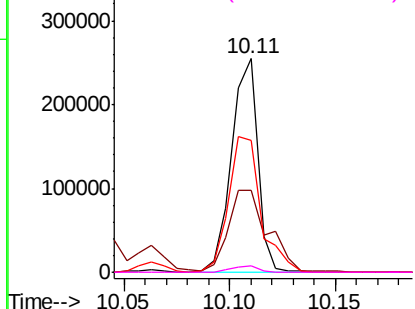
#57
2,4-Dinitrotoluene
Concen: 53.551 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BF118203.D
Acq: 16 Dec 2019 18:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165	Resp: 217289
Ion Ratio	Lower Upper
165 100	
63 38.2	32.6 49.0
89 61.6	56.1 84.1
182 2.9	2.1 3.1

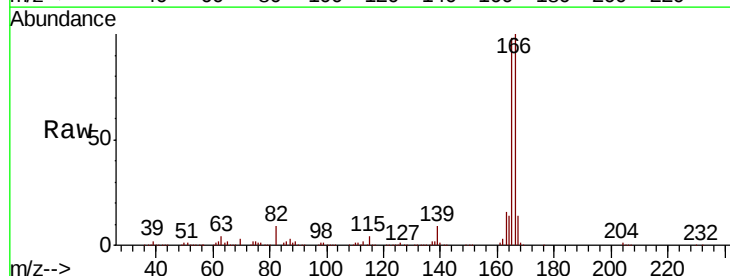


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

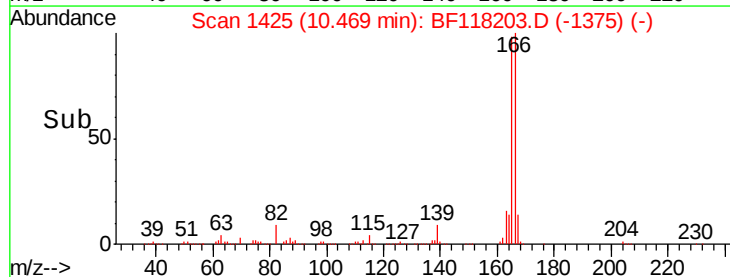
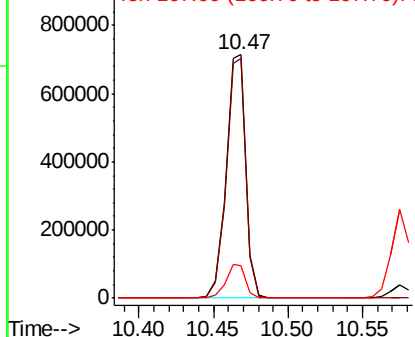


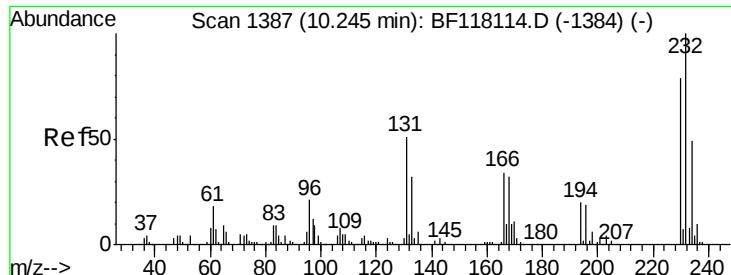
#58
Fluorene
Concen: 52.901 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF118203.D
Acq: 16 Dec 2019 18:22

Tgt	Ion:166	Resp:	665931
Ion	Ratio	Lower	Upper
166	100		
165	98.5	79.0	118.4
167	13.5	10.9	16.3



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

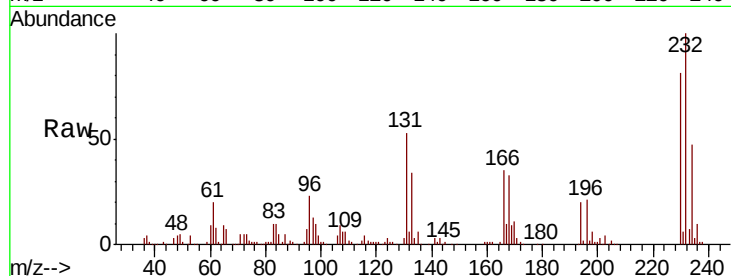




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 54.109 ng
 RT: 10.24 min Scan# 1386
 Delta R.T. -0.01 min
 Lab File: BF118203.D
 Acq: 16 Dec 2019 18:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	47.8	38.8	58.2
130	2.5	1.9	2.9
166	32.0	25.4	38.0



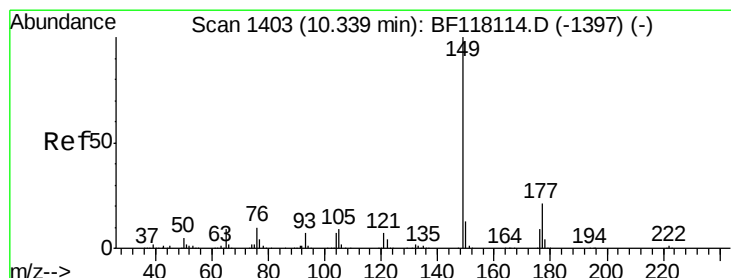
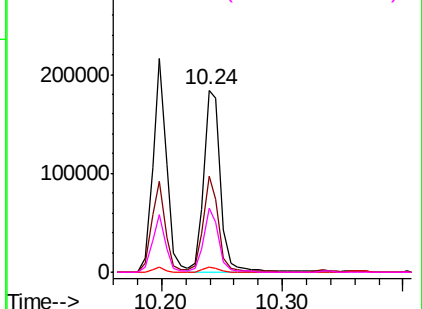
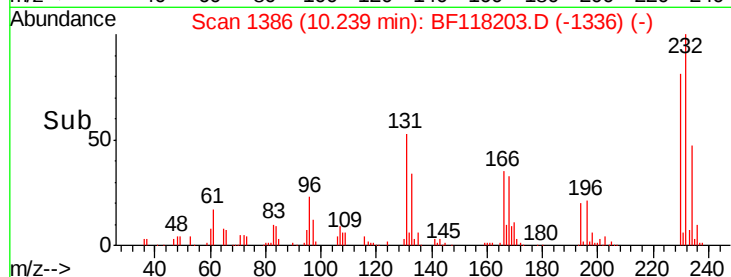
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

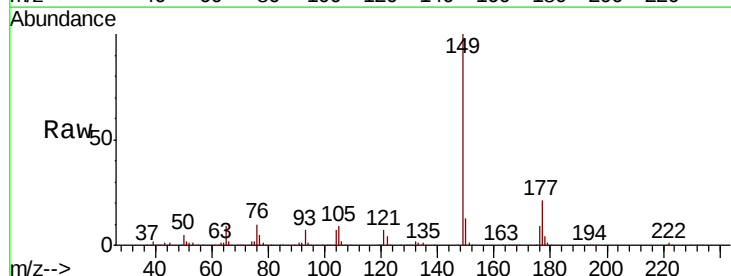
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 51.768 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. -0.01 min
 Lab File: BF118203.D
 Acq: 16 Dec 2019 18:22

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.9	17.0	25.4
150	13.1	10.1	15.1

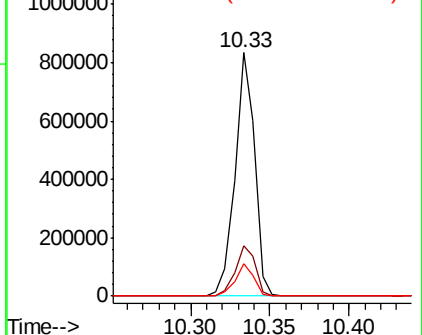
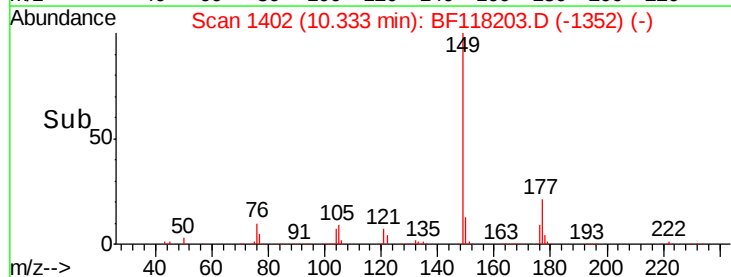


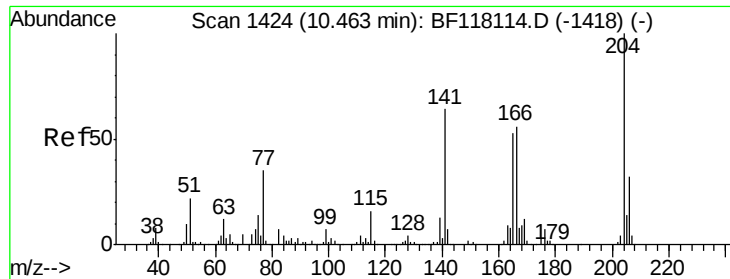
Abundance

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

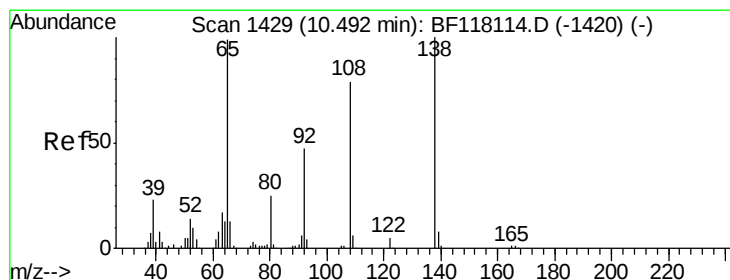
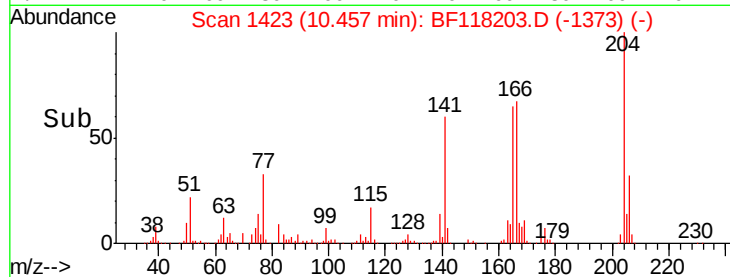
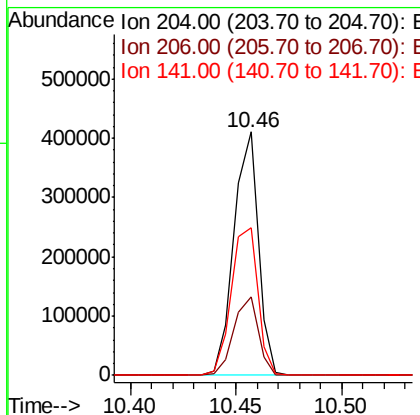
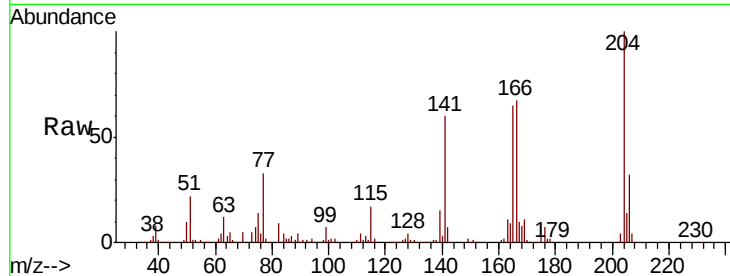




#61
 4-Chlorophenyl-phenylether
 Concen: 51.686 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.01 min
 Lab File: BF118203.D
 Acq: 16 Dec 2019 18:22

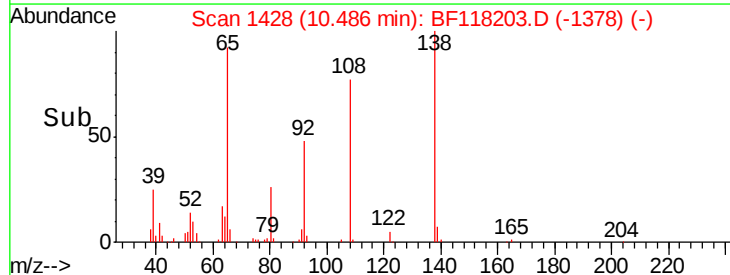
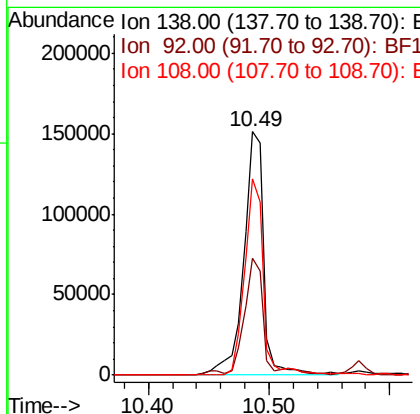
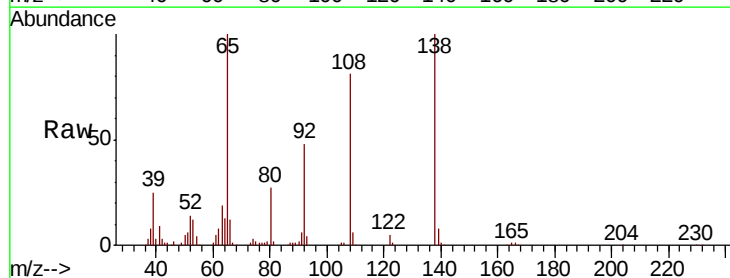
Instrument :
 BNA_F
 ClientSampled :

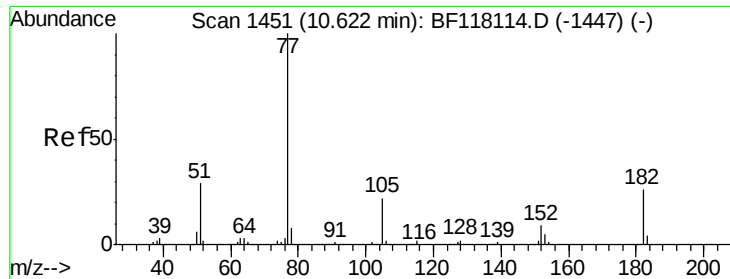
Tot Ion:204 Resp: 327370
 Ion Ratio Lower Upper
 204 100
 206 32.5 26.0 39.0
 141 60.4 51.0 76.6



#62
 4-Nitroaniline
 Concen: 47.027 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF118203.D
 Acq: 16 Dec 2019 18:22

Tgt Ion:138 Resp: 175474
 Ion Ratio Lower Upper
 138 100
 92 48.0 27.1 67.1
 108 80.7 59.0 99.0





#63

Azobenzene

Concen: 52.979 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.01 min

Lab File: BF118203.D

Acq: 16 Dec 2019 18:22

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 622980

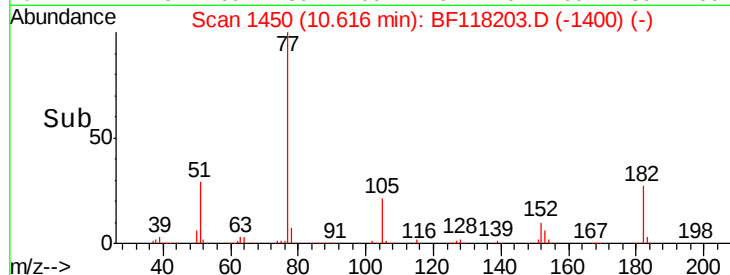
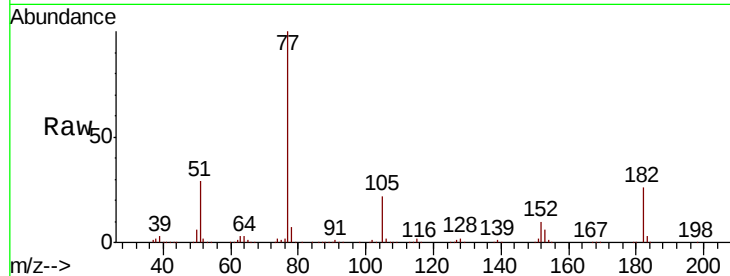
Ion Ratio Lower Upper

77 100

182 26.4 5.7 45.7

105 22.1 2.2 42.2

51 28.9 9.6 49.6

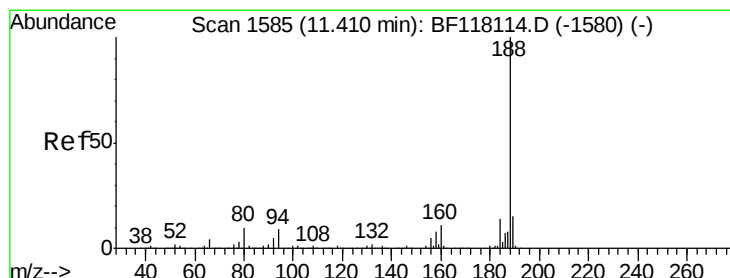
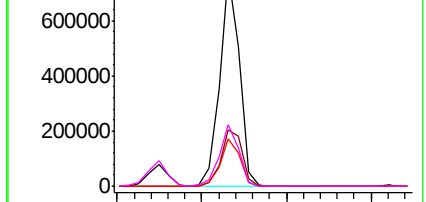


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BF118203.D

Acq: 16 Dec 2019 18:22

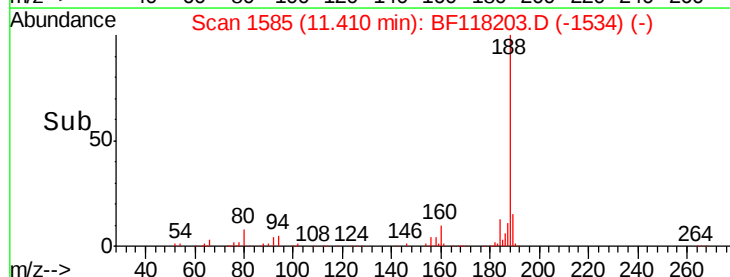
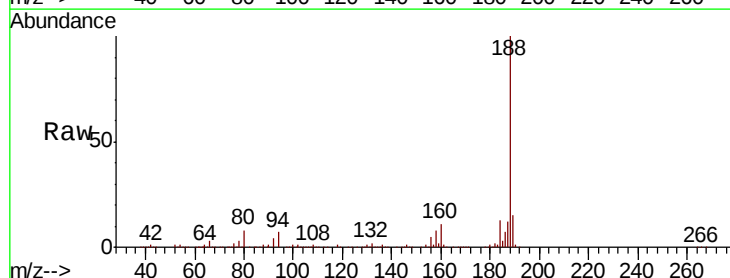
Tgt Ion: 188 Resp: 368852

Ion Ratio Lower Upper

188 100

94 7.2 7.1 10.7

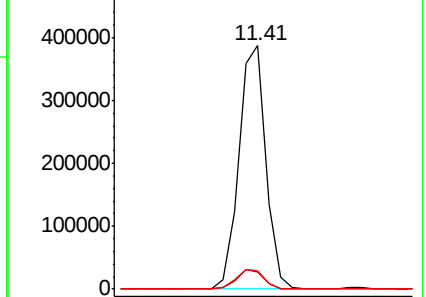
80 7.8 7.9 11.9#

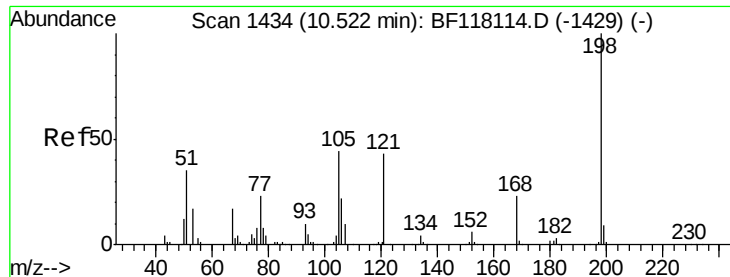


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

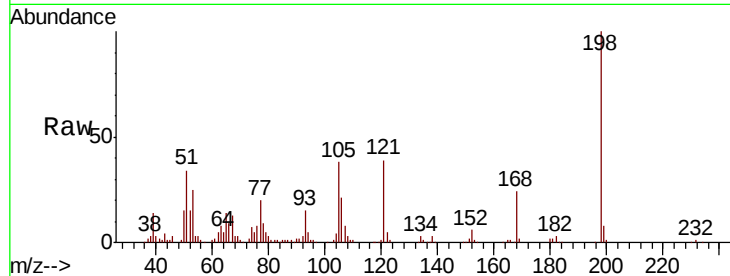




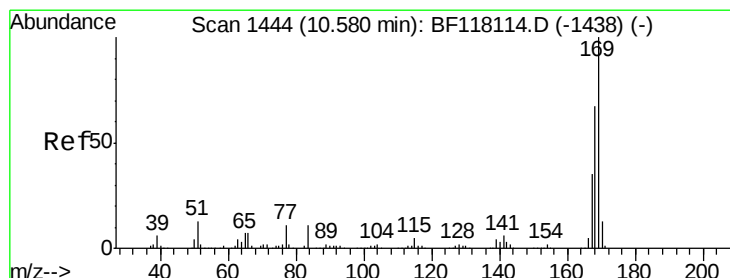
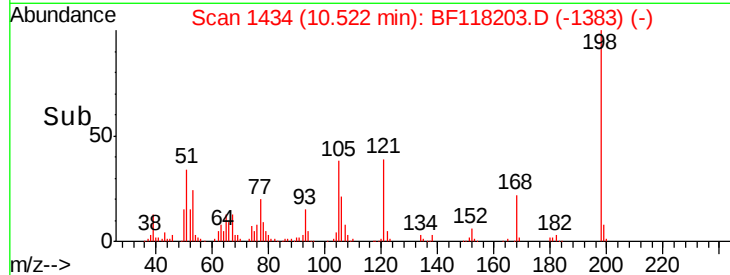
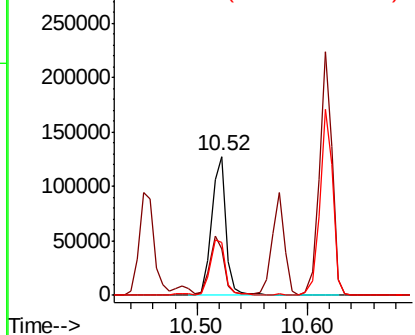
#65
 4,6-Dinitro-2-methylphenol
 Concen: 55.326 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: BF118203.D
 Acq: 16 Dec 2019 18:22

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:198 Resp: 112699
 Ion Ratio Lower Upper
 198 100
 51 33.6 22.0 62.0
 105 37.7 25.6 65.6

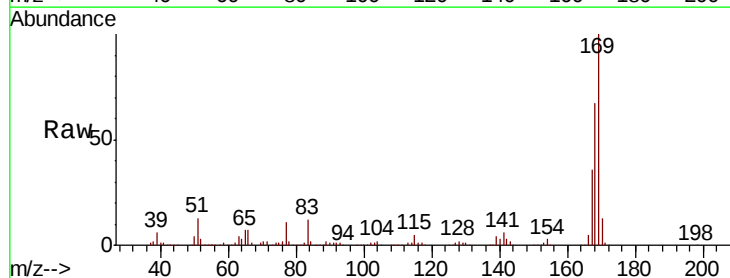


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

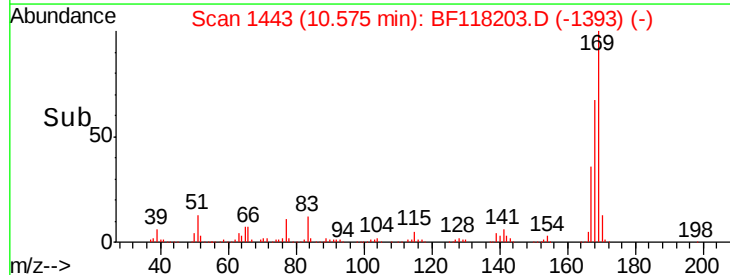
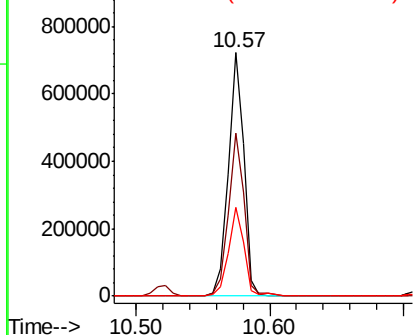


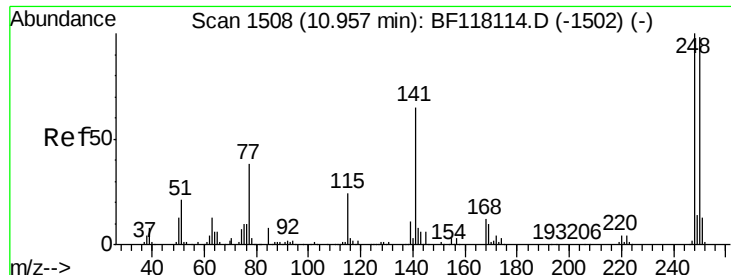
#66
 n-Nitrosodiphenylamine
 Concen: 51.559 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. -0.01 min
 Lab File: BF118203.D
 Acq: 16 Dec 2019 18:22

Tgt Ion:169 Resp: 593884
 Ion Ratio Lower Upper
 169 100
 168 67.2 53.4 80.2
 167 36.2 28.4 42.6



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

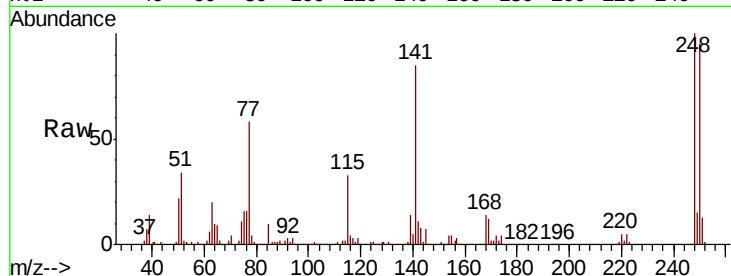




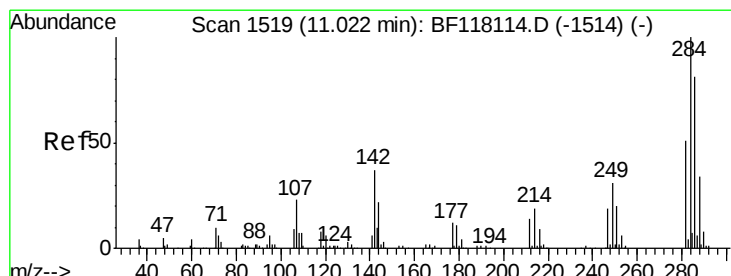
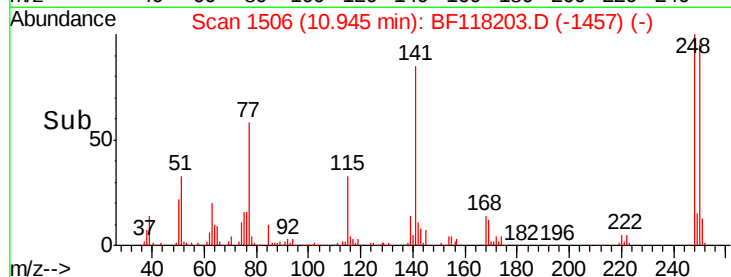
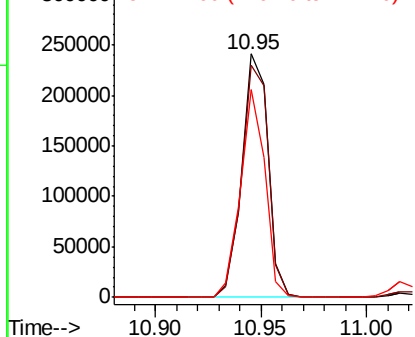
#67
4-Bromophenyl-phenylether
Concen: 49.159 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.01 min
Lab File: BF118203.D
Acq: 16 Dec 2019 18:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 206983
Ion Ratio Lower Upper
248 100
250 95.2 78.3 117.5
141 85.1 52.2 78.4#

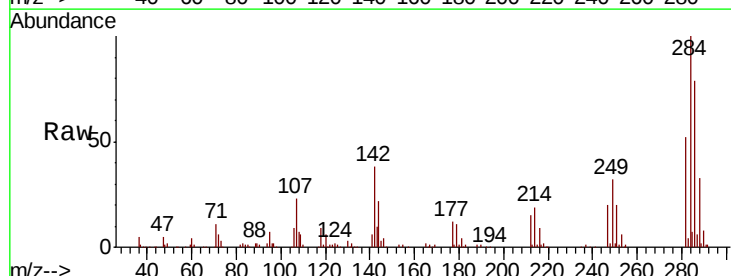


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

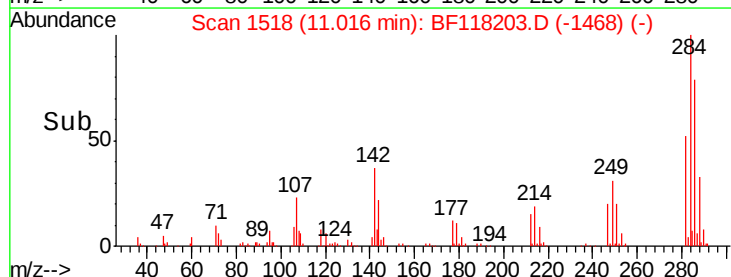
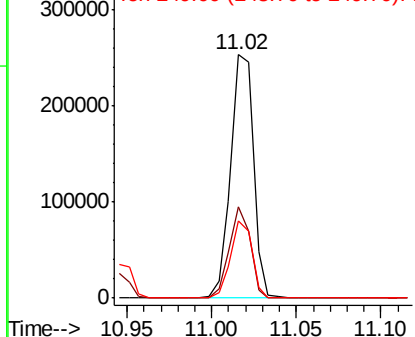


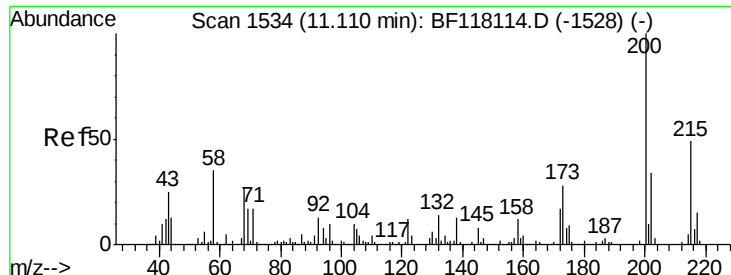
#68
Hexachlorobenzene
Concen: 48.005 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.01 min
Lab File: BF118203.D
Acq: 16 Dec 2019 18:22

Tgt Ion:284 Resp: 237907
Ion Ratio Lower Upper
284 100
142 37.7 29.7 44.5
249 31.6 24.6 37.0



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

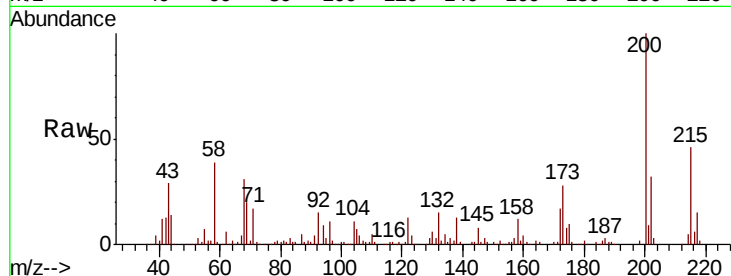




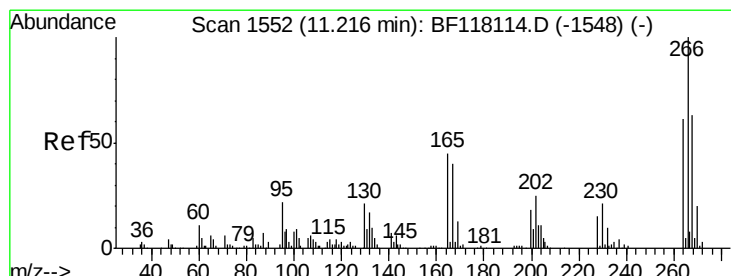
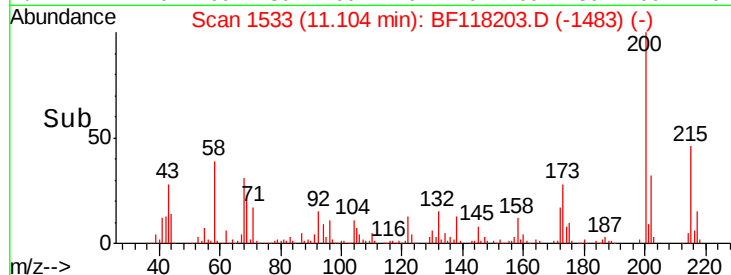
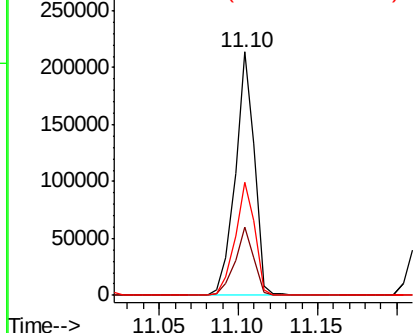
#69
Atrazine
Concen: 81.234 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.01 min
Lab File: BF118203.D
Acq: 16 Dec 2019 18:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 178898
Ion Ratio Lower Upper
200 100
173 28.1 8.1 48.1
215 46.2 29.0 69.0

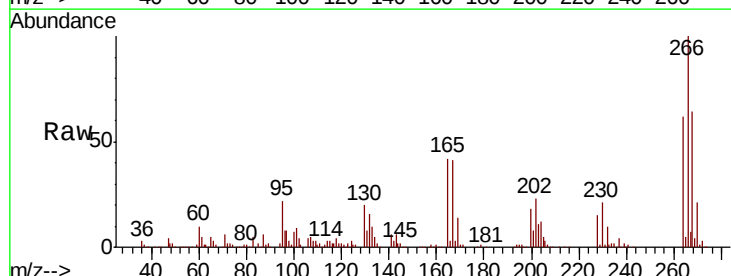


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

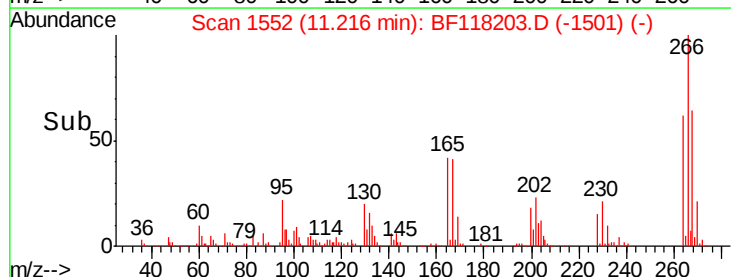
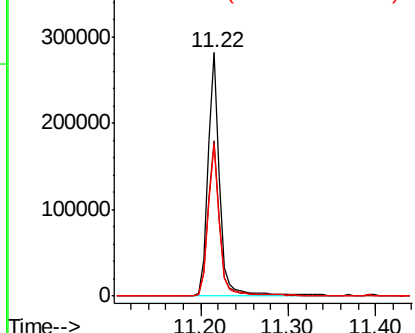


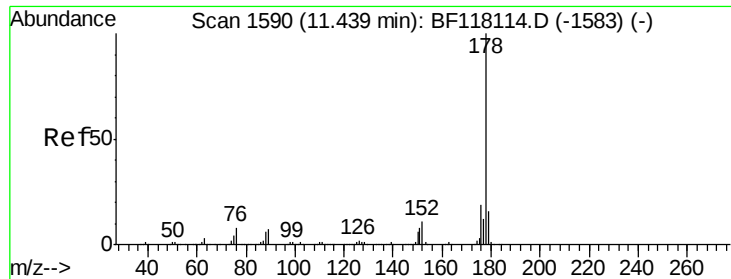
#70
Pentachlorophenol
Concen: 113.530 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF118203.D
Acq: 16 Dec 2019 18:22

Tgt Ion:266 Resp: 264595
Ion Ratio Lower Upper
266 100
268 64.0 50.7 76.1
264 62.1 48.7 73.1



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

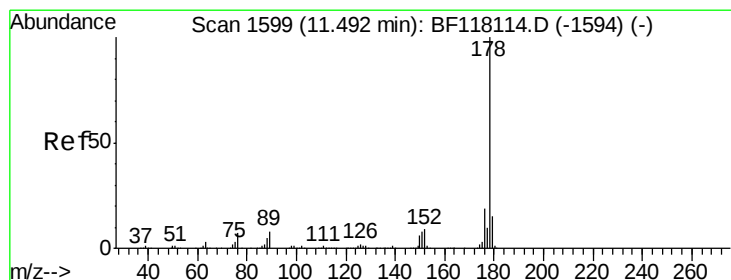
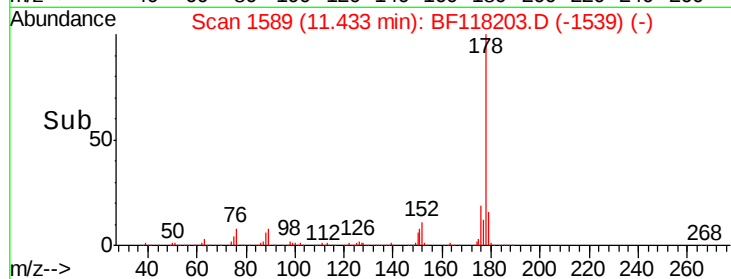
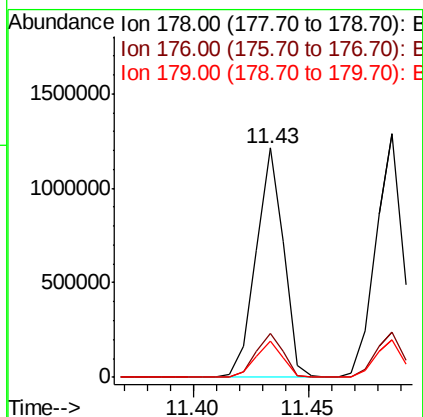
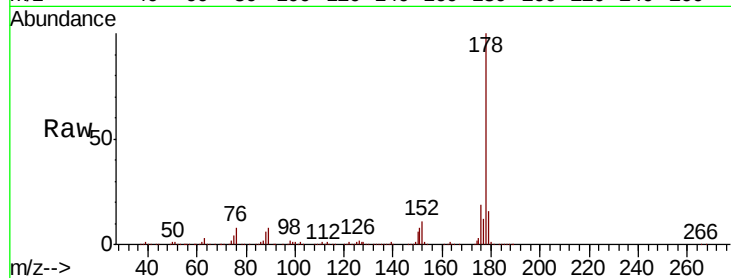




#71
Phenanthrene
Concen: 51.577 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF118203.D
Acq: 16 Dec 2019 18:22

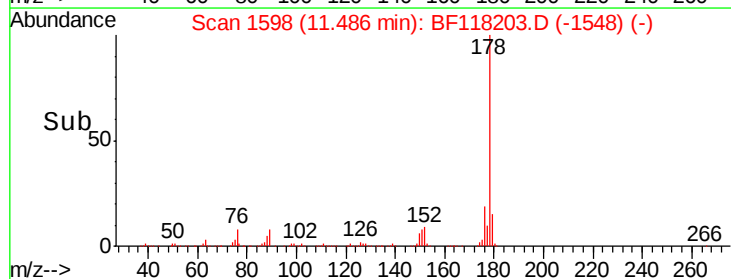
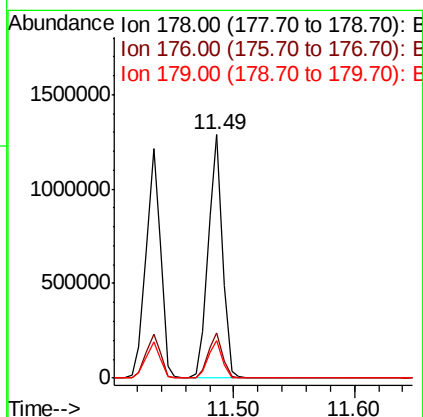
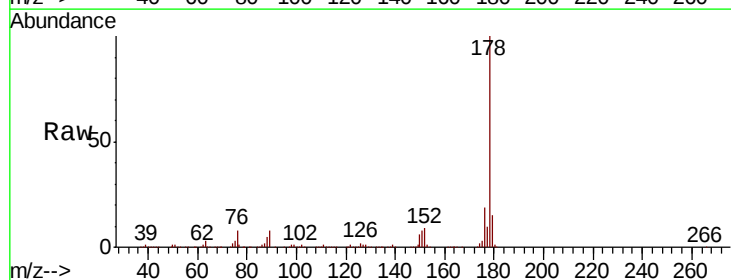
Instrument :
BNA_F
ClientSampleId :

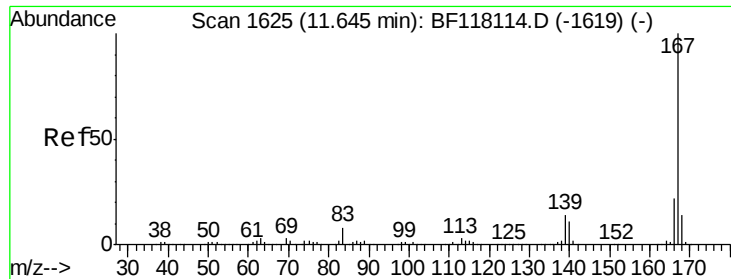
Tot Ion:178 Resp: 1011303
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 16.0 12.6 18.8



#72
Anthracene
Concen: 53.602 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF118203.D
Acq: 16 Dec 2019 18:22

Tgt Ion:178 Resp: 1048457
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.6
179 15.4 12.2 18.4

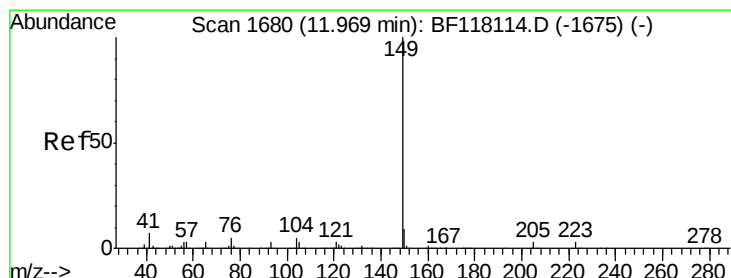
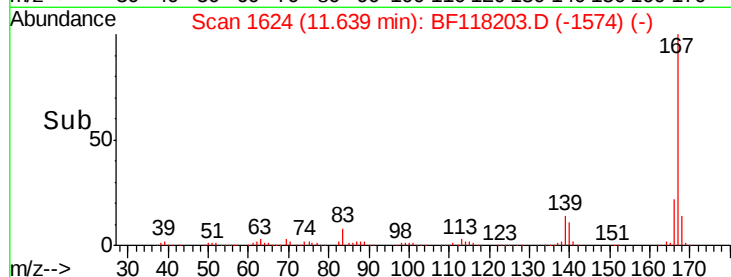
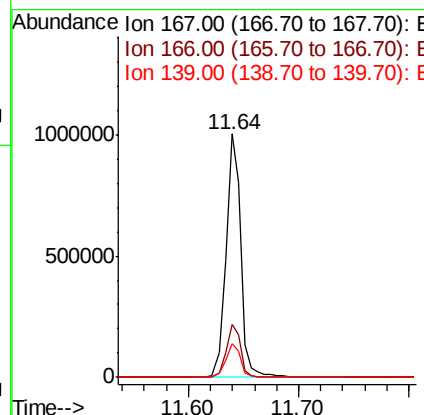
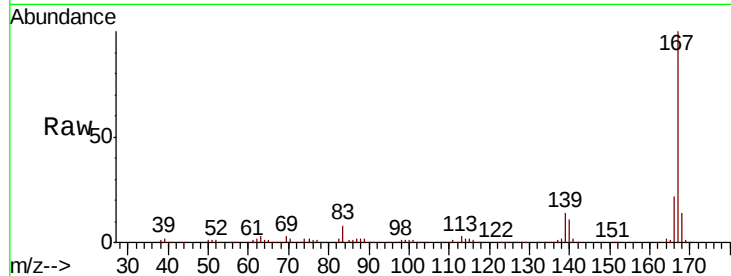




#73
 Carbazole
 Concen: 53.451 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. -0.01 min
 Lab File: BF118203.D
 Acq: 16 Dec 2019 18:22

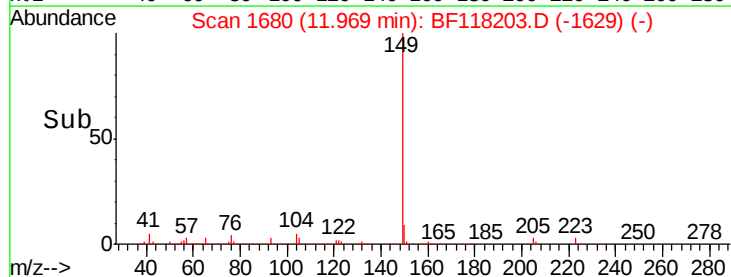
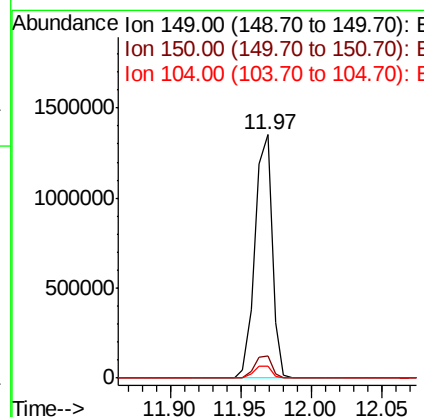
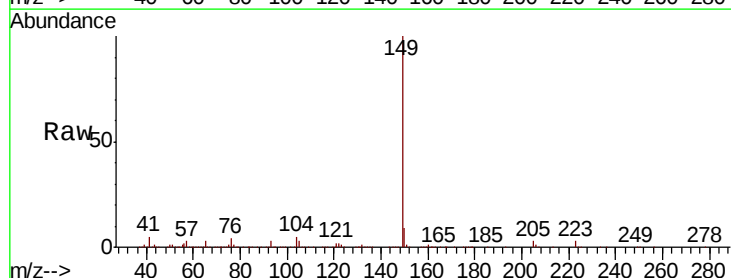
Instrument :
 BNA_F
 ClientSampleId :

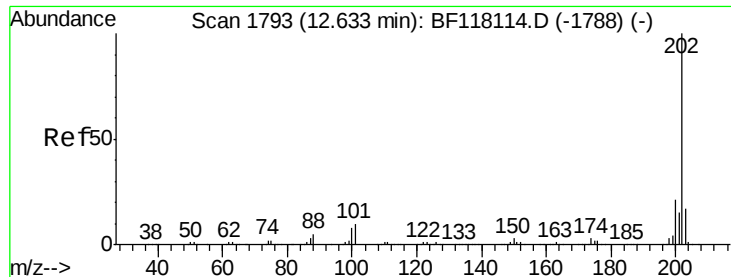
Tot Ion:167 Resp: 938052
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.4 26.2
 139 14.0 11.4 17.0



#74
 Di-n-butylphthalate
 Concen: 53.117 ng
 RT: 11.97 min Scan# 1680
 Delta R.T. 0.00 min
 Lab File: BF118203.D
 Acq: 16 Dec 2019 18:22

Tgt Ion:149 Resp: 1166659
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 4.7 4.3 6.5

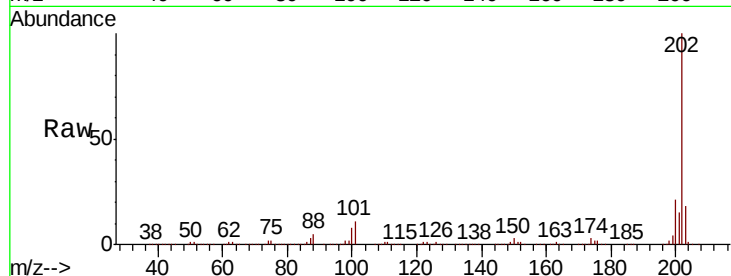




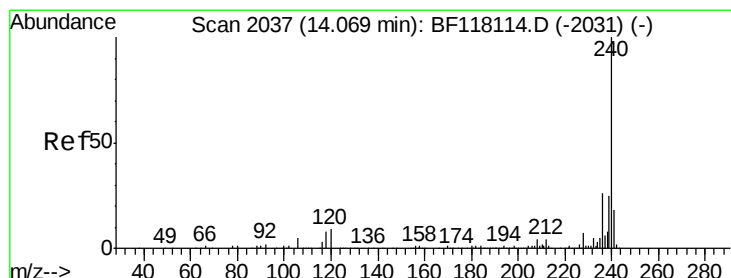
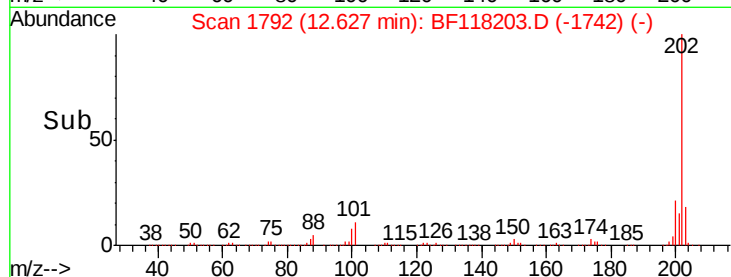
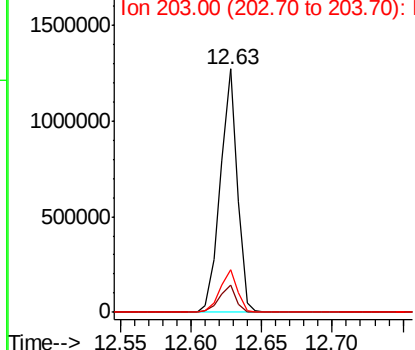
#75
 Fluoranthene
 Concen: 53.437 ng
 RT: 12.63 min Scan# 1792
 Delta R.T. -0.01 min
 Lab File: BF118203.D
 Acq: 16 Dec 2019 18:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1071258
 Ion Ratio Lower Upper
 202 100
 101 11.1 0.0 30.4
 203 17.6 0.0 37.2

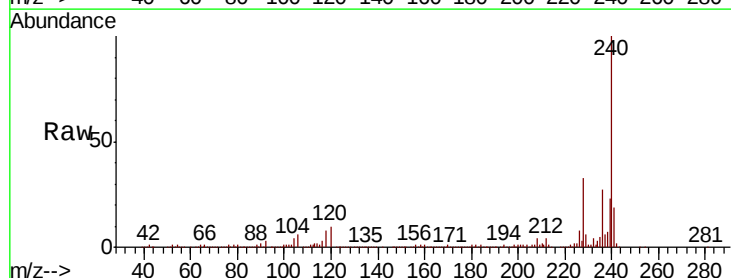


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

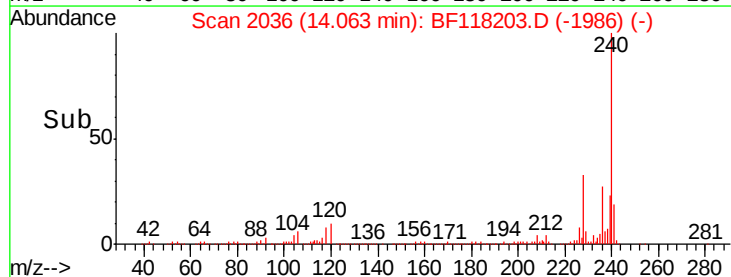
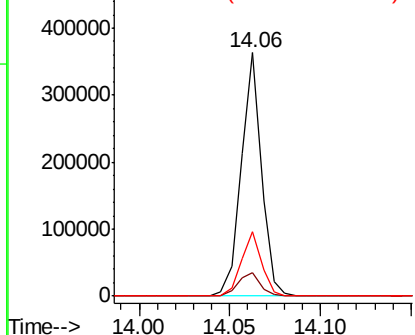


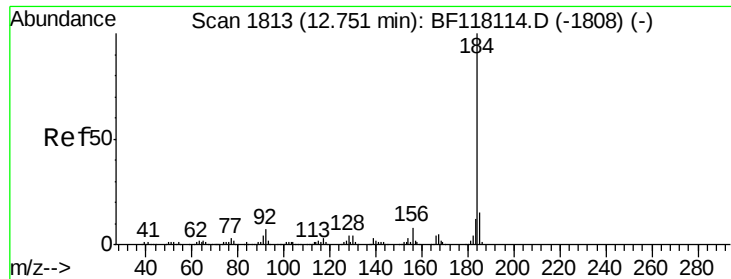
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: BF118203.D
 Acq: 16 Dec 2019 18:22

Tgt Ion:240 Resp: 281680
 Ion Ratio Lower Upper
 240 100
 120 9.8 7.1 10.7
 236 26.6 21.0 31.6



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





#77

Benzidine

Concen: 50.437 ng

RT: 12.75 min Scan# 1812

Delta R.T. -0.01 min

Lab File: BF118203.D

Acq: 16 Dec 2019 18:22

Instrument :

BNA_F

ClientSampleId :

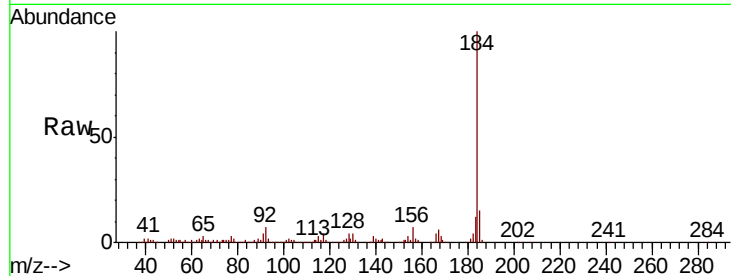
Tot Ion:184 Resp: 374007

Ion Ratio Lower Upper

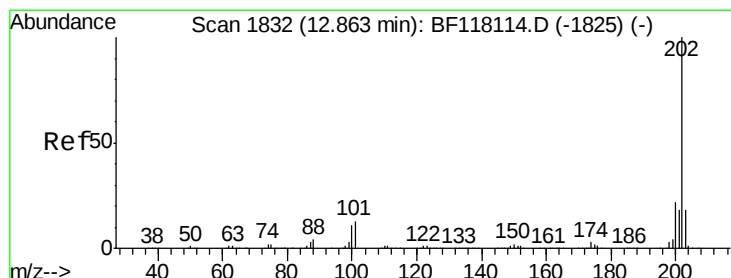
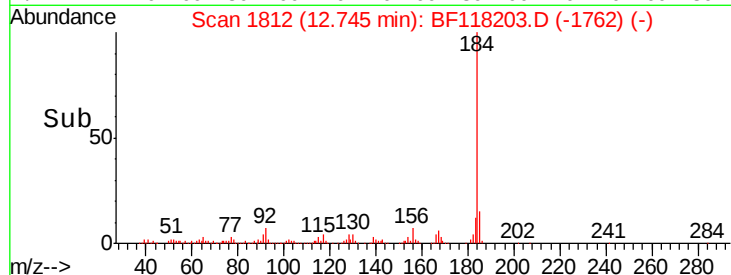
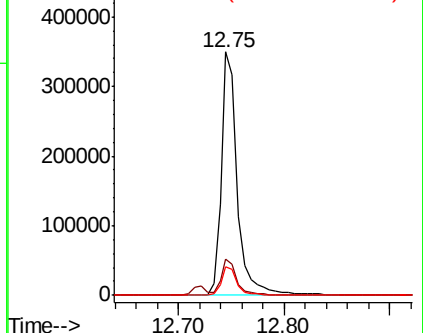
184 100

185 14.8 12.3 18.5

183 11.6 9.9 14.9



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: 49.200 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.01 min

Lab File: BF118203.D

Acq: 16 Dec 2019 18:22

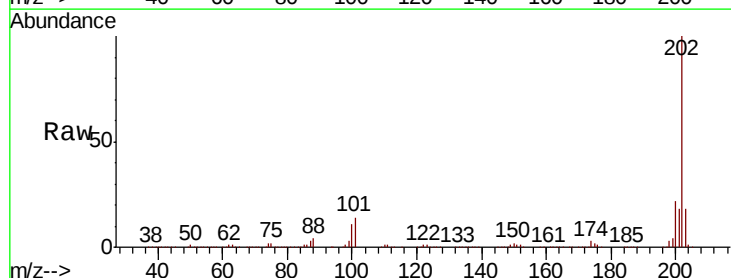
Tgt Ion:202 Resp: 1092129

Ion Ratio Lower Upper

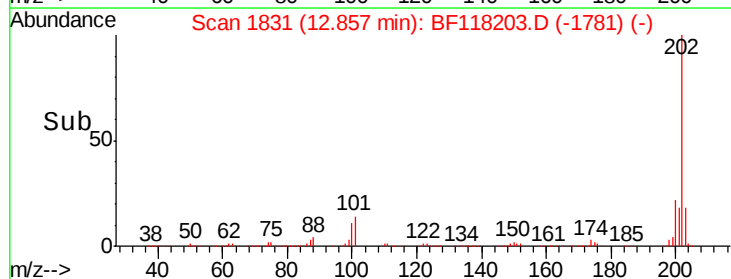
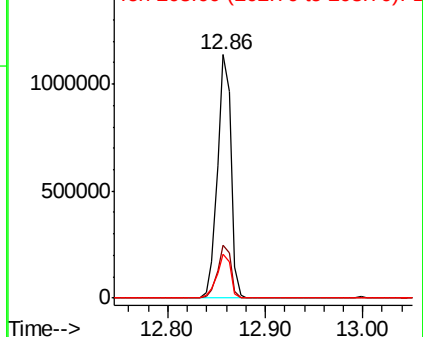
202 100

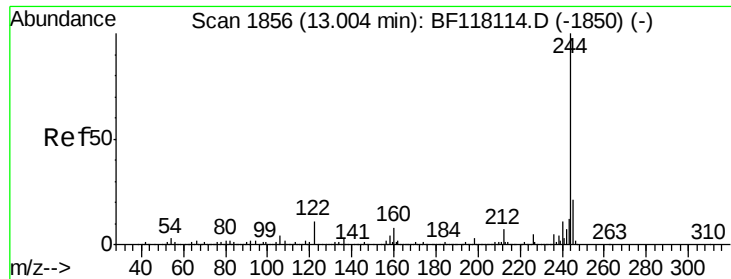
200 21.5 17.5 26.3

203 17.8 14.6 21.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 105.327 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BF118203.D

Acq: 16 Dec 2019 18:22

Instrument :

BNA_F

ClientSampled :

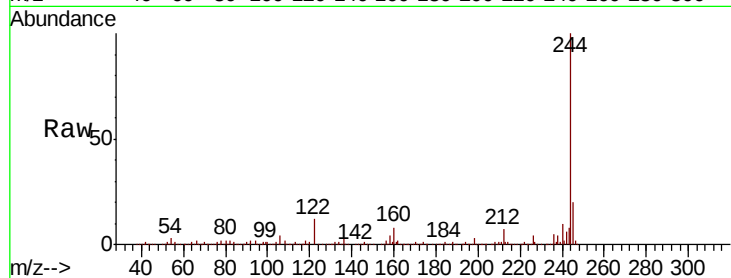
Tot Ion:244 Resp: 1725281

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

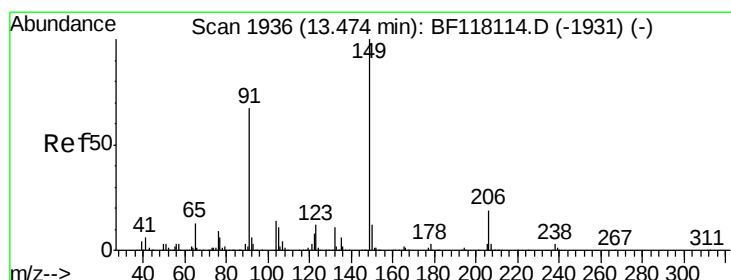
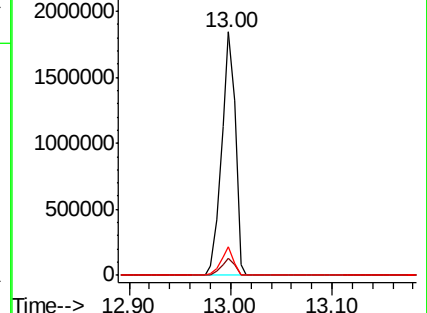
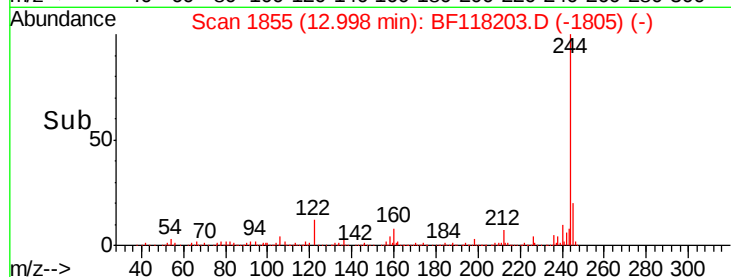
122 11.9 9.0 13.6



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: 51.633 ng

RT: 13.47 min Scan# 1936

Delta R.T. 0.00 min

Lab File: BF118203.D

Acq: 16 Dec 2019 18:22

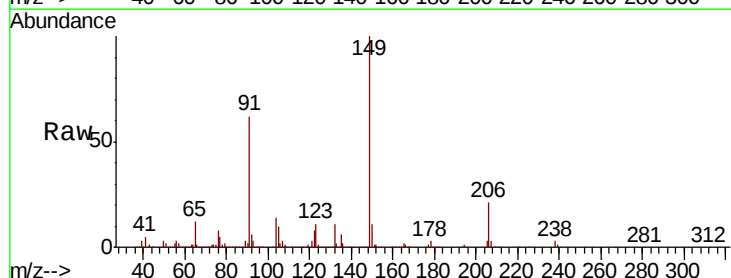
Tgt Ion:149 Resp: 519061

Ion Ratio Lower Upper

149 100

91 61.9 53.9 80.9

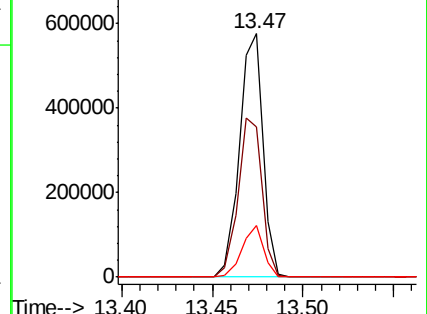
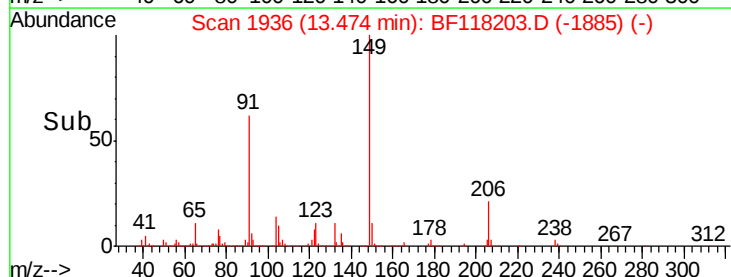
206 21.1 15.2 22.8

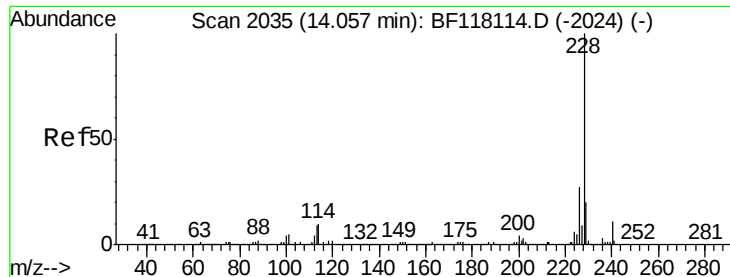


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 50.473 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF118203.D

Acq: 16 Dec 2019 18:22

Instrument :

BNA_F

ClientSampled :

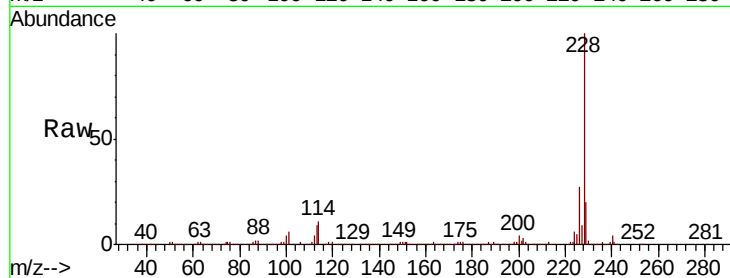
Tot Ion:228 Resp: 983076

Ion Ratio Lower Upper

228 100

226 26.8 21.8 32.8

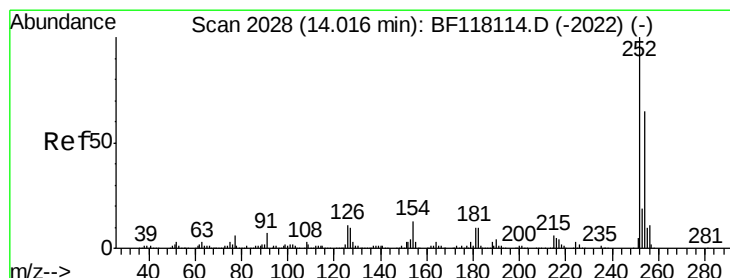
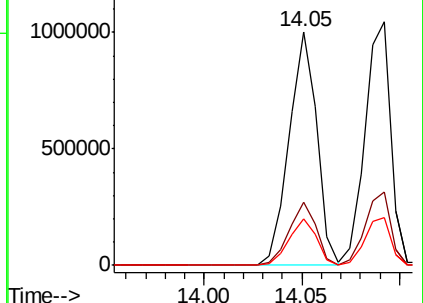
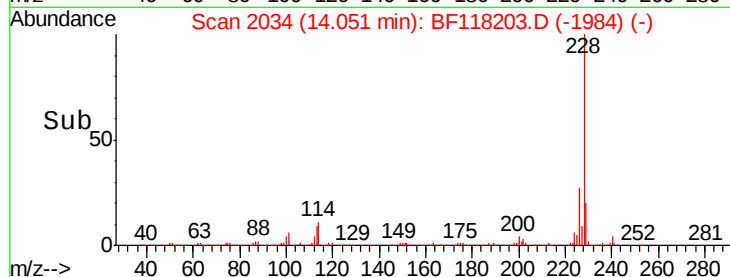
229 19.7 15.8 23.8



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: 23.320 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF118203.D

Acq: 16 Dec 2019 18:22

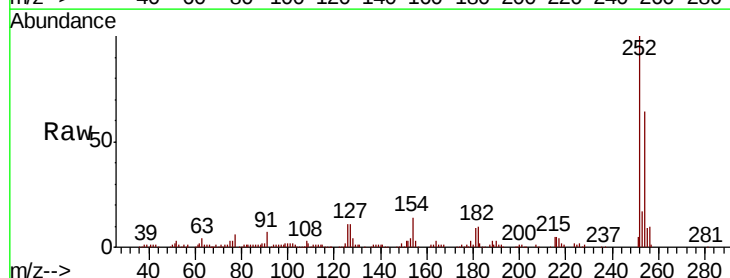
Tgt Ion:252 Resp: 149174

Ion Ratio Lower Upper

252 100

254 63.9 52.2 78.4

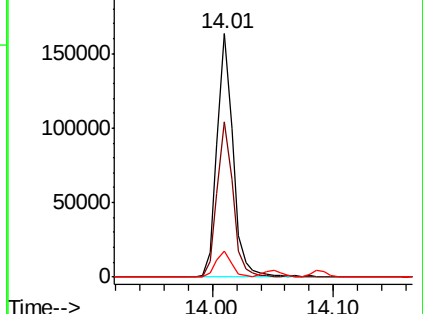
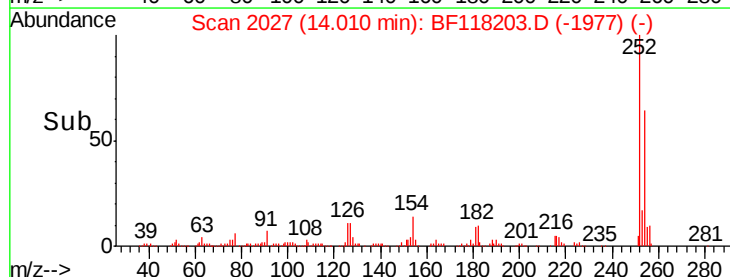
126 10.6 8.6 13.0

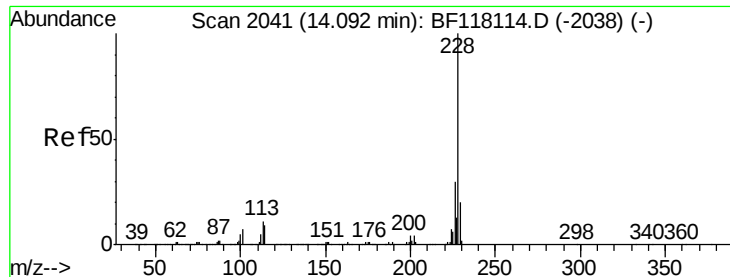


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

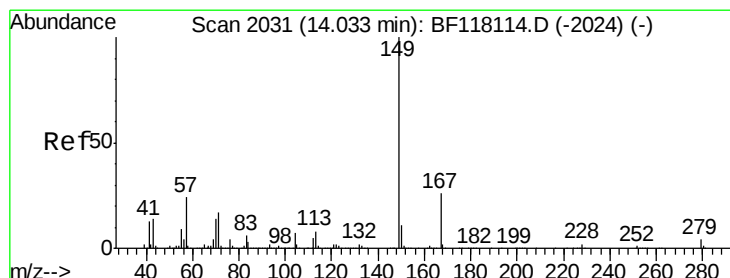
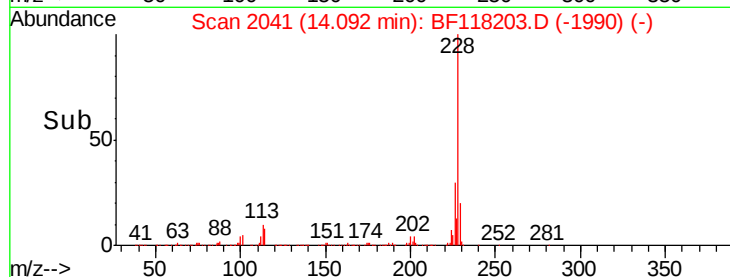
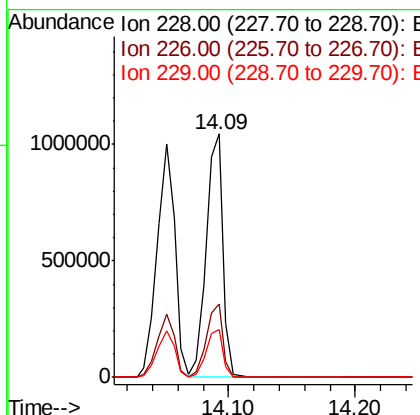
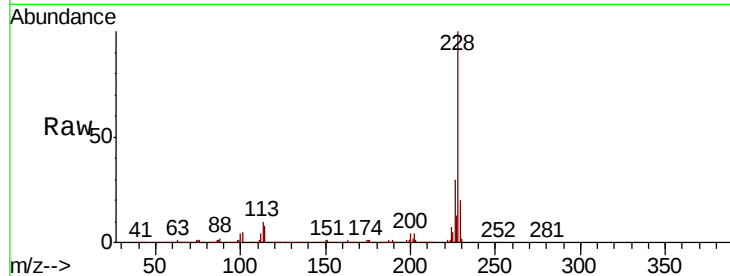




#83
 Chrysene
 Concen: 51.580 ng
 RT: 14.09 min Scan# 2041
 Delta R.T. 0.00 min
 Lab File: BF118203.D
 Acq: 16 Dec 2019 18:22

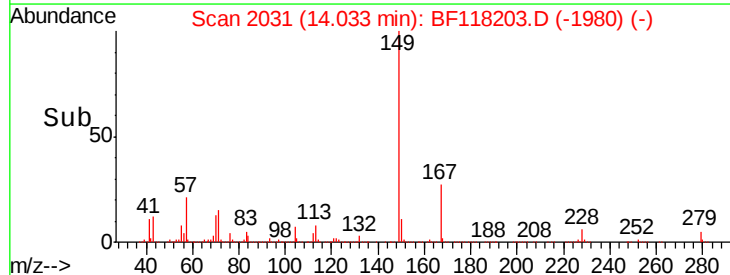
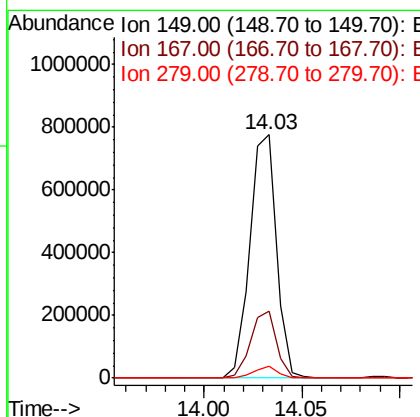
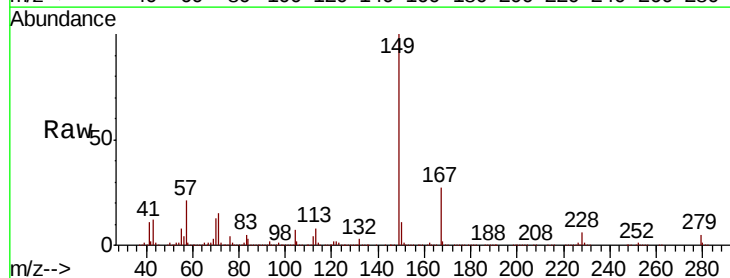
Instrument :
 BNA_F
 ClientSampleID :

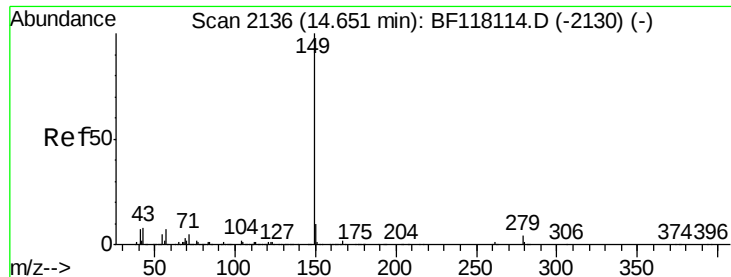
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.8	35.8
229	19.8	15.7	23.5



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 55.545 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. 0.00 min
 Lab File: BF118203.D
 Acq: 16 Dec 2019 18:22

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.3	20.8	31.2
279	4.7	2.9	4.3#





#85

Di-n-octyl phthalate

Concen: 59.175 ng

RT: 14.64 min Scan# 2135

Delta R.T. -0.01 min

Lab File: BF118203.D

Acq: 16 Dec 2019 18:22

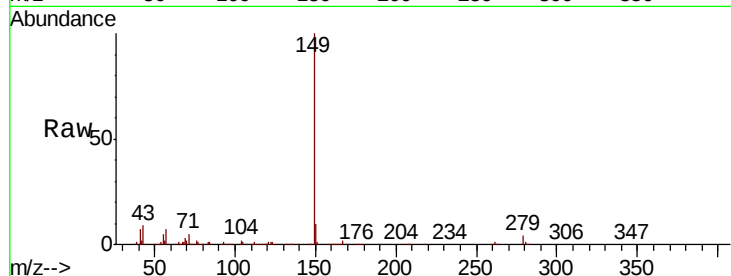
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 1188257

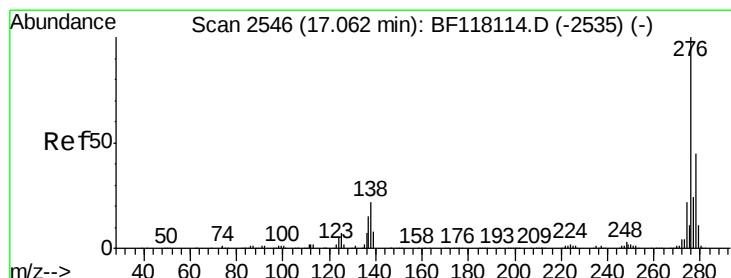
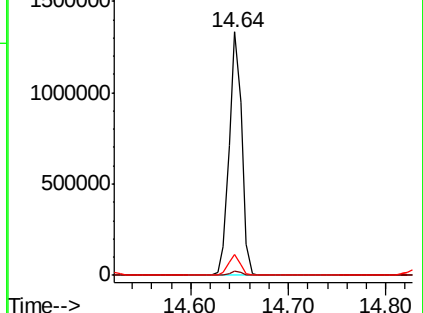
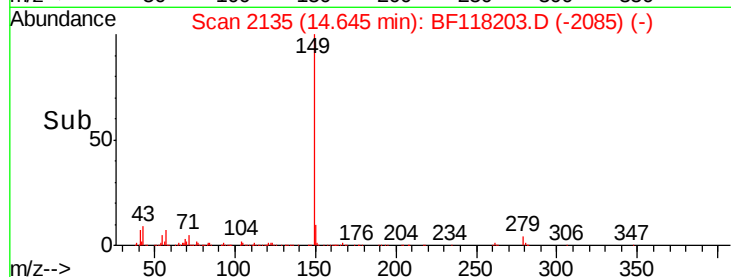
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.1	6.5	9.7



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: 59.565 ng

RT: 17.06 min Scan# 2546

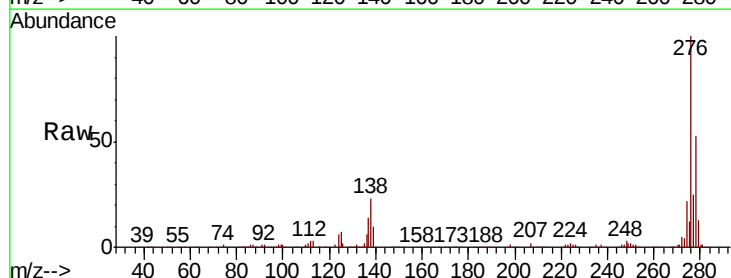
Delta R.T. 0.00 min

Lab File: BF118203.D

Acq: 16 Dec 2019 18:22

Tgt Ion:276 Resp: 932464

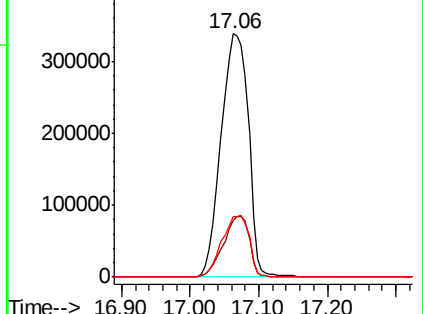
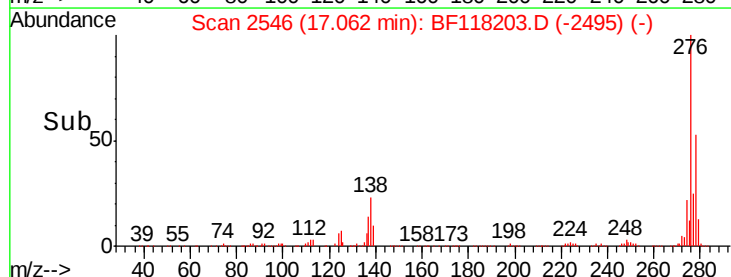
Ion	Ratio	Lower	Upper
276	100		
138	24.0	18.9	28.3
277	25.4	20.4	30.6

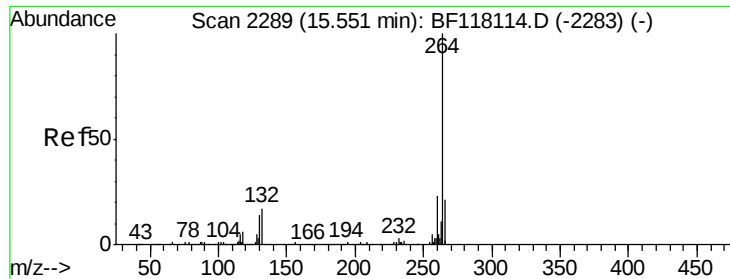


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

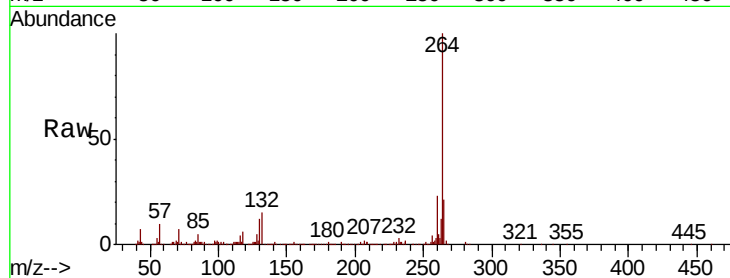




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.55 min Scan# 2289
Delta R.T. 0.00 min
Lab File: BF118203.D
Acq: 16 Dec 2019 18:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.6	28.0
265	21.1	16.8	25.2

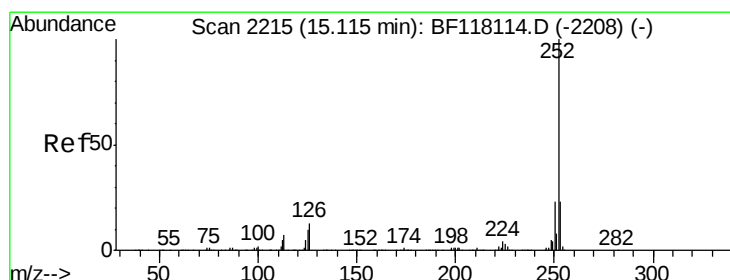
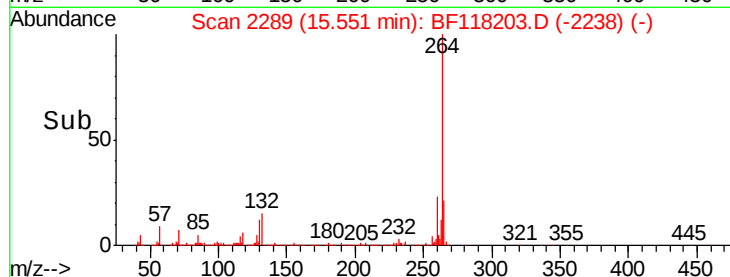
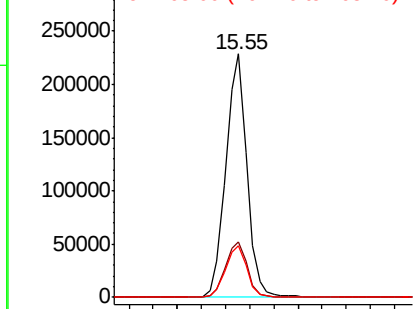


Abundance

Ion 264.00 (263.70 to 264.70): E

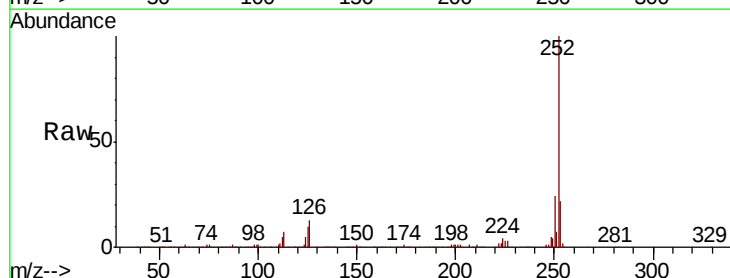
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 49.061 ng
RT: 15.12 min Scan# 2215
Delta R.T. 0.00 min
Lab File: BF118203.D
Acq: 16 Dec 2019 18:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.4
125	10.0	8.3	12.5

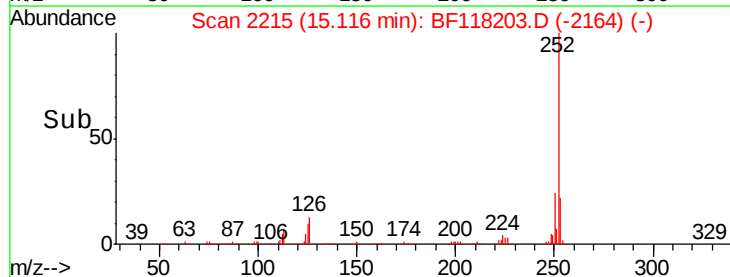
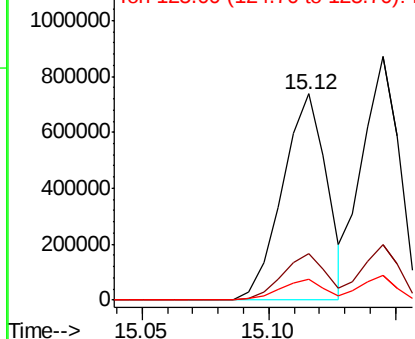


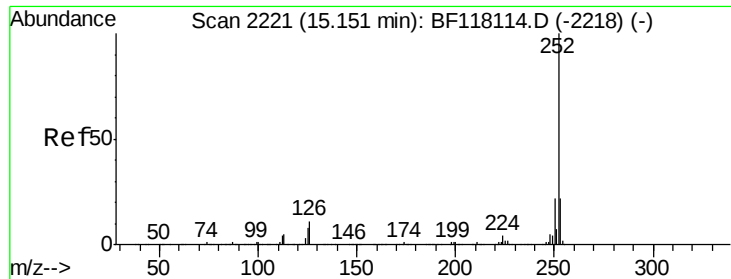
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

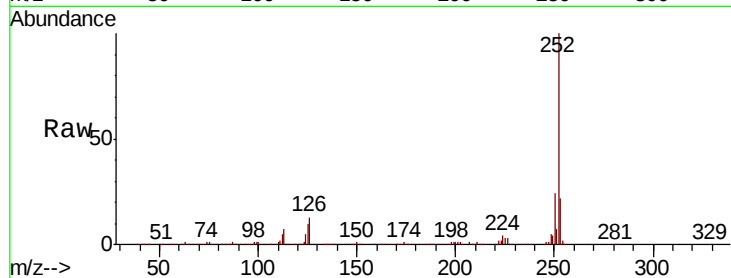




#89
Benzo(k)fluoranthene
Concen: 51.069 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.04 min
Lab File: BF118203.D
Acq: 16 Dec 2019 18:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.6	26.4
125	10.0	6.7	10.1

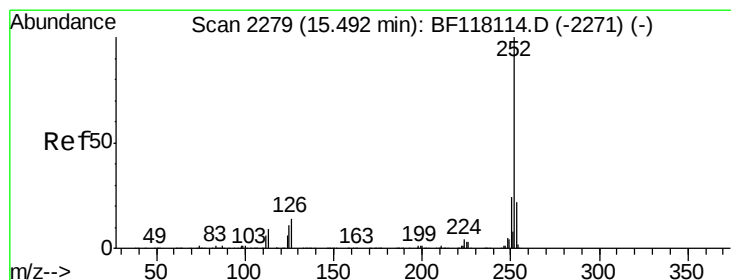
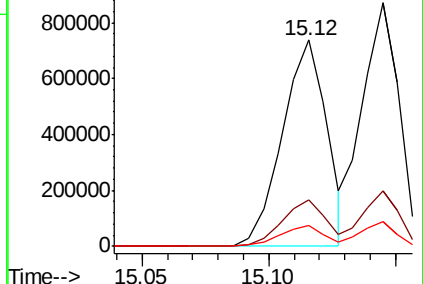
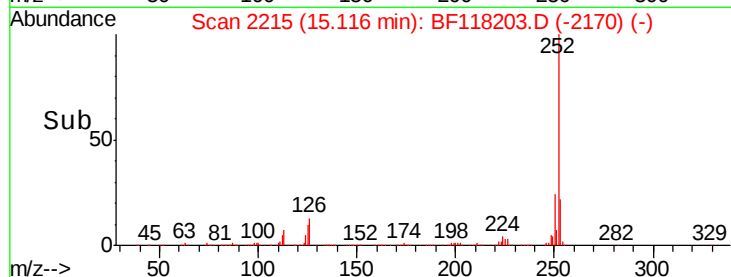


Abundance

Ion 252.00 (251.70 to 252.70): E

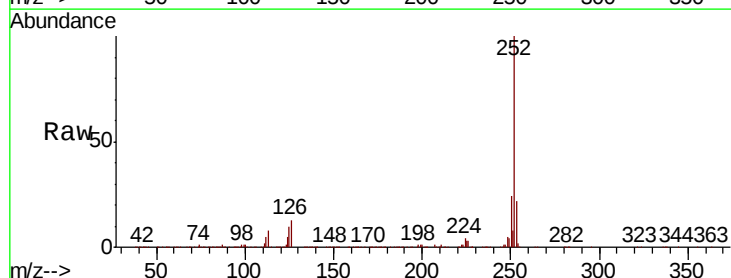
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Benzo(a)pyrene
Concen: 52.653 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.00 min
Lab File: BF118203.D
Acq: 16 Dec 2019 18:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	10.4	9.1	13.7

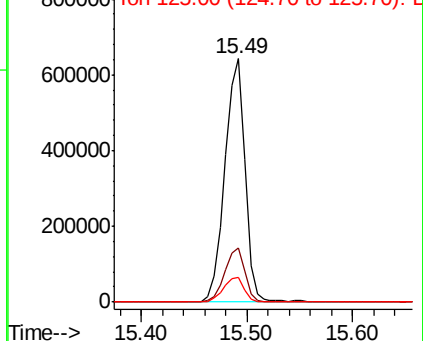
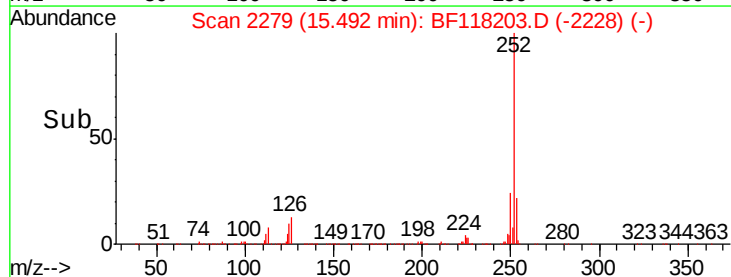


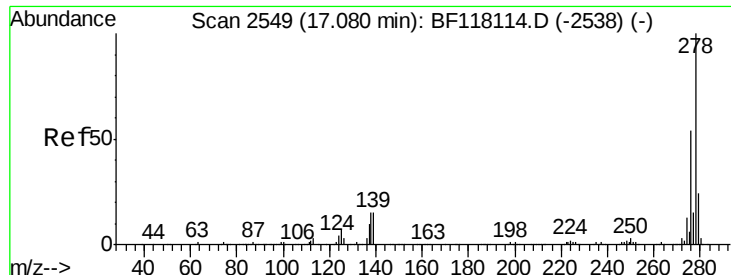
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

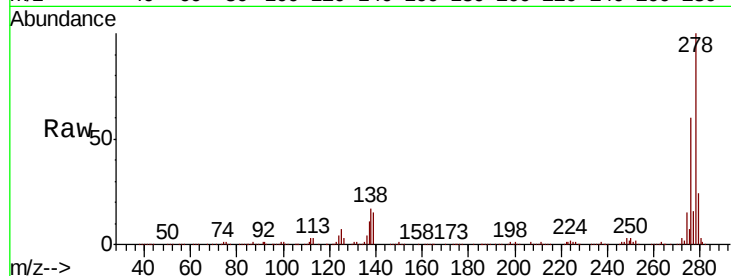




#91
Dibenzo(a,h)anthracene
Concen: 56.489 ng
RT: 17.08 min Scan# 2549
Delta R.T. 0.00 min
Lab File: BF118203.D
Acq: 16 Dec 2019 18:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.2	11.7	17.5
279	23.7	19.0	28.4

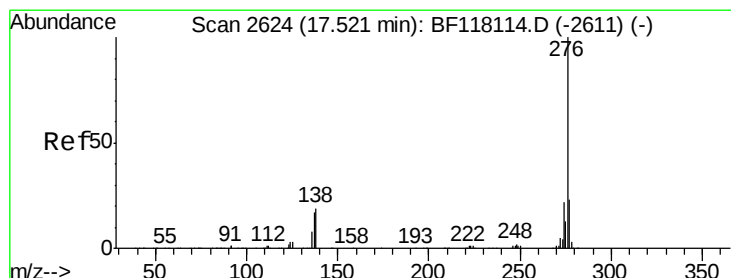
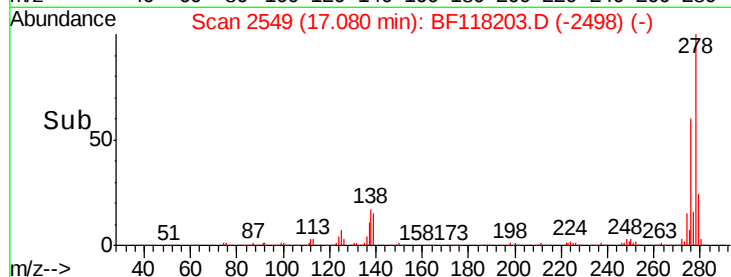
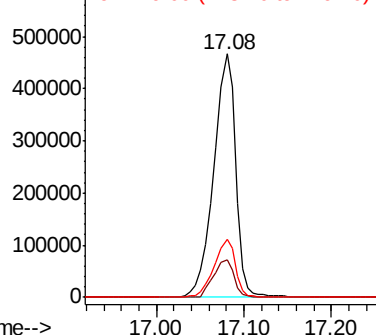


Abundance

Ion 278.00 (277.70 to 278.70): E

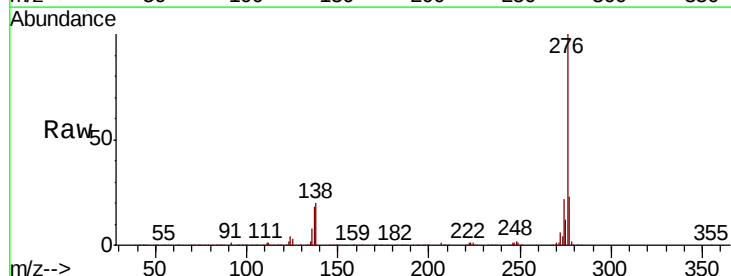
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 58.442 ng
RT: 17.52 min Scan# 2624
Delta R.T. 0.00 min
Lab File: BF118203.D
Acq: 16 Dec 2019 18:22

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.2	27.4
138	20.1	15.5	23.3



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

