

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120619\
 Data File : BF118117.D
 Acq On : 6 Dec 2019 16:22
 Operator : JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 06 17:05:45 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 15:39:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	141170	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	501448	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	264407	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	489479	20.00	ng	0.00
76) Chrysene-d12	14.07	240	318187	20.00	ng	0.00
87) Perylene-d12	15.56	264	273515	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1192298	149.50	ng	0.00
7) Phenol-d6	6.51	99	1445603	150.28	ng	0.01
23) Nitrobenzene-d5	7.45	82	1400851	166.07	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	493411	176.27	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	2519938	170.98	ng	0.00
79) Terphenyl-d14	13.01	244	2893602	166.20	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.62	88	260470	69.870	ng	100
3) Pyridine	3.38	79	669112	68.424	ng	100
4) n-Nitrosodimethylamine	3.36	42	295004	69.108	ng	97
6) Aniline	6.54	93	927799	72.988	ng	98
8) 2-Chlorophenol	6.66	128	668452	77.243	ng	97
9) Benzaldehyde	6.42	77	304959	50.752	ng	97
10) Phenol	6.53	94	829120	82.946	ng	84
11) bis(2-Chloroethyl)ether	6.62	93	606872	75.602	ng	94
12) 1,3-Dichlorobenzene	6.82	146	786385	77.186	ng	98
13) 1,4-Dichlorobenzene	6.89	146	791131	76.823	ng	98
14) 1,2-Dichlorobenzene	7.05	146	732843	74.407	ng	96
15) Benzyl Alcohol	7.02	79	568397	76.535	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	718357	58.125	ng	98
17) 2-Methylphenol	7.13	107	542873	74.077	ng	99
18) Hexachloroethane	7.39	117	294265	77.784	ng	97
19) n-Nitroso-di-n-propylamine	7.30	70	443133	74.672	ng	99
20) 3+4-Methylphenols	7.29	107	665282	73.131	ng	# 87
22) Acetophenone	7.29	105	927936	82.366	ng	95
24) Nitrobenzene	7.46	77	692878	79.621	ng	98
25) Isophorone	7.70	82	1195911	77.351	ng	99
26) 2-Nitrophenol	7.77	139	375253	88.595	ng	91
27) 2,4-Dimethylphenol	7.82	122	491343	74.653	ng	100
28) bis(2-Chloroethoxy)methane	7.91	93	765704	78.046	ng	99
29) 2,4-Dichlorophenol	8.02	162	565001	79.141	ng	99
30) 1,2,4-Trichlorobenzene	8.10	180	655621	79.172	ng	99
31) Naphthalene	8.19	128	1910448	81.723	ng	99
32) Benzoic acid	7.97	122	481309	87.338	ng	99
33) 4-Chloroaniline	8.23	127	857495	81.936	ng	99
34) Hexachlorobutadiene	8.30	225	396235	81.839	ng	99
35) Caprolactam	8.63	113	144652	63.753	ng	97
36) 4-Chloro-3-methylphenol	8.72	107	597997	82.535	ng	99
37) 2-Methylnaphthalene	8.88	142	1312933	83.123	ng	99
38) 1-Methylnaphthalene	8.98	142	1226958	82.166	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	612880	79.816	ng	99

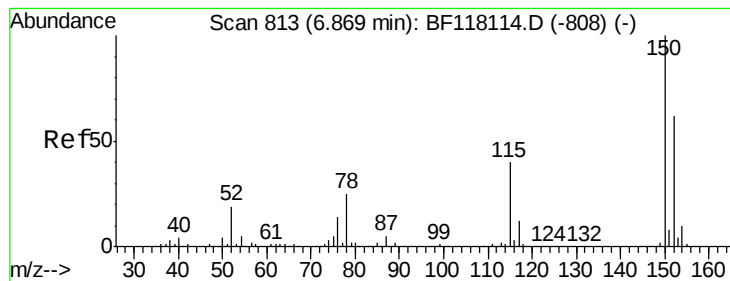
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120619\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	315742	73.375	ng	100
43) 2,4,6-Trichlorophenol	9.16	196	413533	75.189	ng	97
44) 2,4,5-Trichlorophenol	9.20	196	428075	74.964	ng	93
46) 1,1'-Biphenyl	9.35	154	1567882	79.926	ng	98
47) 2-Chloronaphthalene	9.37	162	1284046	79.568	ng	95
48) 2-Nitroaniline	9.47	65	377503	77.484	ng	99
49) Acenaphthylene	9.79	152	1884330	80.089	ng	99
50) Dimethylphthalate	9.65	163	1507390	81.299	ng	98
51) 2,6-Dinitrotoluene	9.71	165	336665	83.080	ng	95
52) Acenaphthene	9.96	154	1146780	76.087	ng	99
53) 3-Nitroaniline	9.89	138	393625	81.179	ng	100
54) 2,4-Dinitrophenol	9.99	184	188351	104.702	ng	# 89
55) Dibenzofuran	10.13	168	1653081	79.205	ng	99
56) 4-Nitrophenol	10.05	139	278507	76.950	ng	96
57) 2,4-Dinitrotoluene	10.12	165	443025	85.945	ng	96
58) Fluorene	10.47	166	1328097	82.116	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.25	232	345629	73.664	ng	98
60) Diethylphthalate	10.35	149	1469699	81.304	ng	99
61) 4-Chlorophenyl-phenylether	10.47	204	660709	80.498	ng	97
62) 4-Nitroaniline	10.51	138	410525	84.558	ng	99
63) Azobenzene	10.63	77	1249529	75.980	ng	98
65) 4,6-Dinitro-2-methylphenol	10.53	198	232017	101.536	ng	97
66) n-Nitrosodiphenylamine	10.59	169	1190102	83.544	ng	100
67) 4-Bromophenyl-phenylether	10.96	248	433393	82.060	ng	# 92
68) Hexachlorobenzene	11.03	284	518185	84.143	ng	97
69) Atrazine	11.11	200	249039	53.145	ng	98
70) Pentachlorophenol	11.22	266	253650	70.499	ng	99
71) Phenanthrene	11.45	178	1965616	79.873	ng	99
72) Anthracene	11.50	178	1944295	79.685	ng	98
73) Carbazole	11.65	167	1754444	82.284	ng	98
74) Di-n-butylphthalate	11.97	149	2169367	81.717	ng	99
75) Fluoranthene	12.64	202	2000500	84.030	ng	99
77) Benzidine	12.75	184	531263	50.973	ng	96
78) Pyrene	12.87	202	2026427	78.805	ng	100
80) Butylbenzylphthalate	13.48	149	924189	83.680	ng	99
81) Benzo(a)anthracene	14.06	228	1722752	81.933	ng	100
82) 3,3'-Dichlorobenzidine	14.02	252	486262	66.114	ng	99
83) Chrysene	14.10	228	1628875	79.947	ng	98
84) Bis(2-ethylhexyl)phthalate	14.04	149	1189238	88.817	ng	99
85) Di-n-octyl phthalate	14.66	149	1747033	88.814	ng	99
86) Indeno(1,2,3-cd)pyrene	17.09	276	1429387	82.430	ng	99
88) Benzo(b)fluoranthene	15.13	252	1423081	80.082	ng	98
89) Benzo(k)fluoranthene	15.16	252	1388149	82.906	ng	98
90) Benzo(a)pyrene	15.50	252	1280912	81.972	ng	100
91) Dibenzo(a,h)anthracene	17.10	278	1167247	86.785	ng	99
92) Benzo(g,h,i)perylene	17.54	276	1156737	86.347	ng	99

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

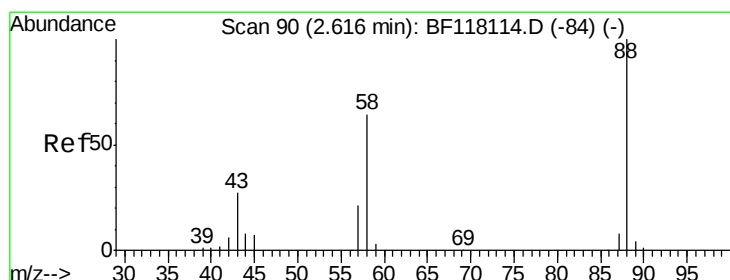
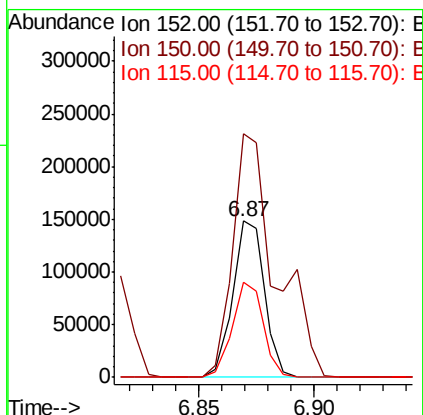
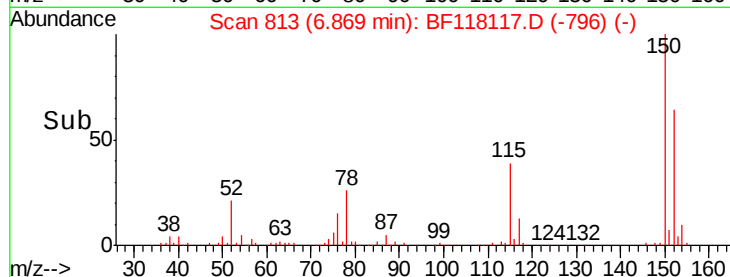
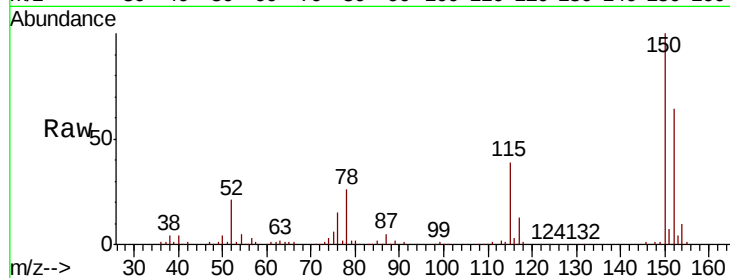


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF118117.D
Acq: 6 Dec 2019 16:22

Instrument :
BNA_F
ClientSampleId :

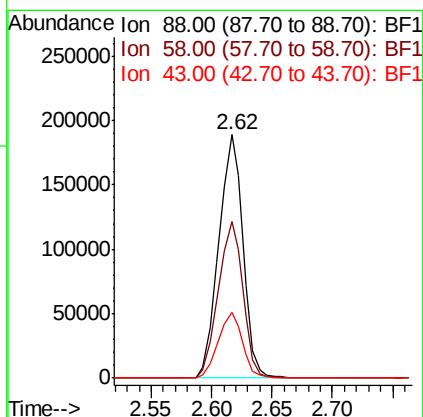
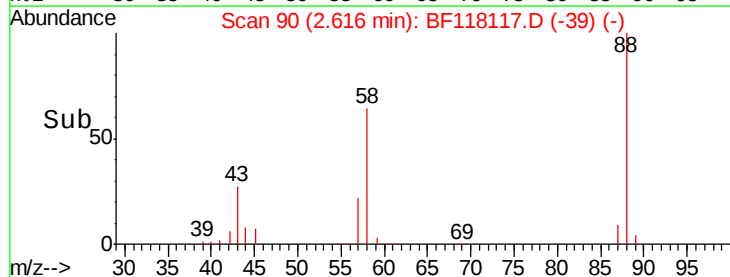
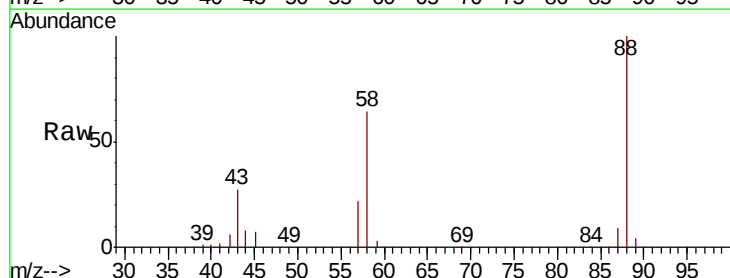
Tot Ion:152 Resp: 141170
Ion Ratio Lower Upper
152 100
150 156.1 128.3 192.5
115 61.4 51.1 76.7

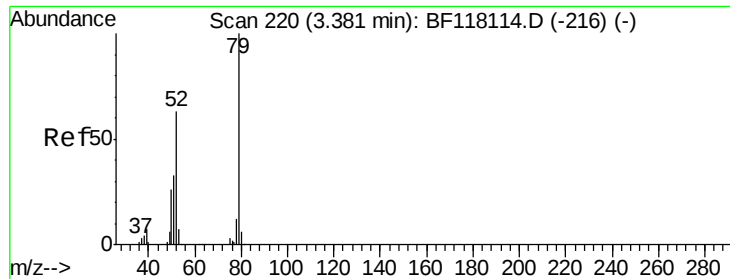


#2

1,4-Dioxane
Concen: 69.870 ng
RT: 2.62 min Scan# 90
Delta R.T. 0.00 min
Lab File: BF118117.D
Acq: 6 Dec 2019 16:22

Tgt Ion: 88 Resp: 260470
Ion Ratio Lower Upper
88 100
58 65.5 52.2 78.4
43 26.9 21.4 32.2





#3

Pvridine

Concen: 68.424 ng

RT: 3.38 min Scan# 220

Delta R.T. 0.00 min

Lab File: BF118117.D

Acq: 6 Dec 2019 16:22

Instrument :

BNA_F

ClientSampleId :

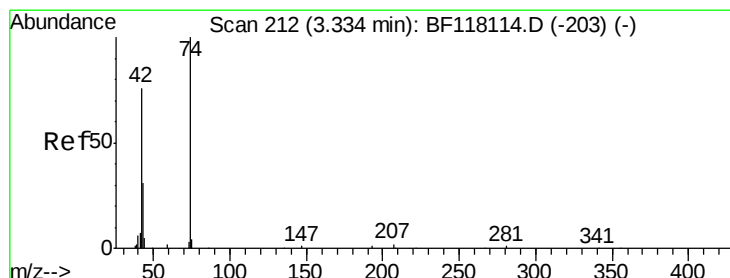
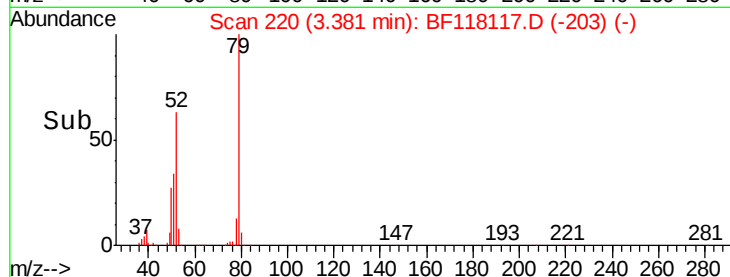
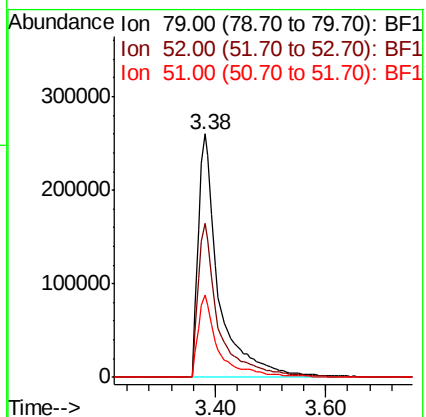
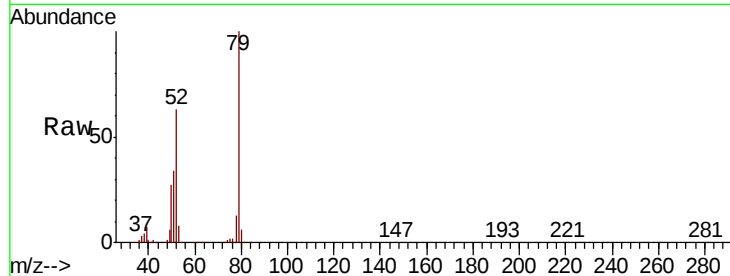
Tot Ion: 79 Resp: 669112

Ion Ratio Lower Upper

79 100

52 63.4 50.7 76.1

51 33.6 26.4 39.6



#4

n-Nitrosodimethylamine

Concen: 69.108 ng

RT: 3.36 min Scan# 216

Delta R.T. 0.02 min

Lab File: BF118117.D

Acq: 6 Dec 2019 16:22

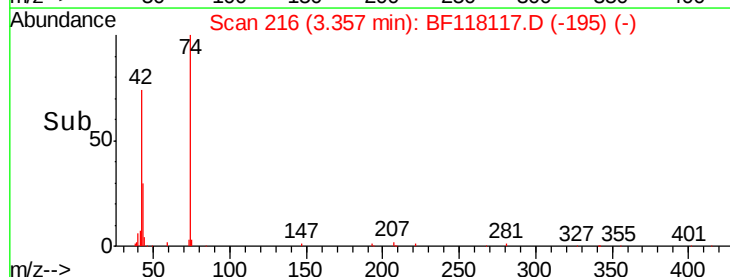
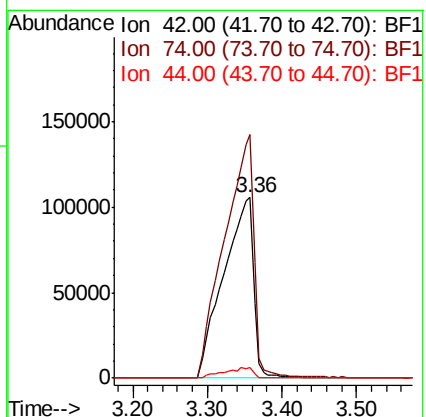
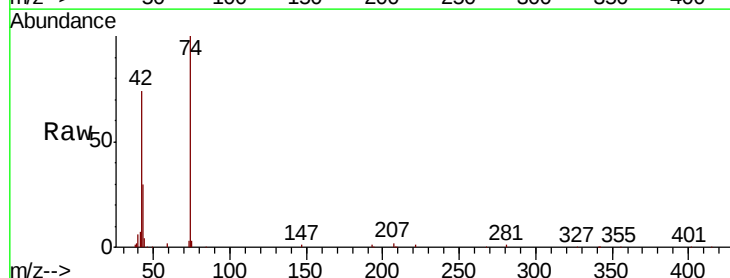
Tgt Ion: 42 Resp: 295004

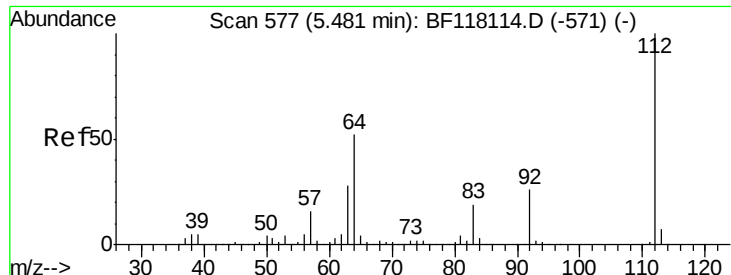
Ion Ratio Lower Upper

42 100

74 134.7 104.6 157.0

44 5.7 5.1 7.7





#5

2-Fluorophenol

Concen: 149.500 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.01 min

Lab File: BF118117.D

Acq: 6 Dec 2019 16:22

Instrument :

BNA_F

ClientSampleId :

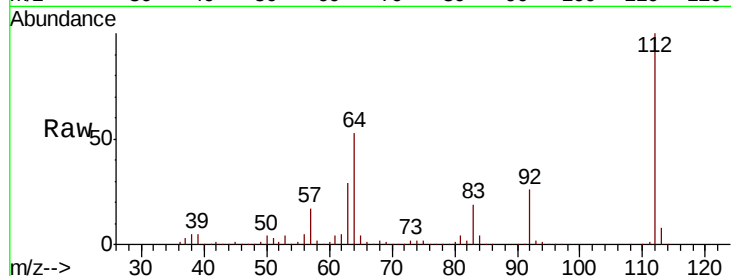
Tot Ion: 112 Resp: 1192298

Ion Ratio Lower Upper

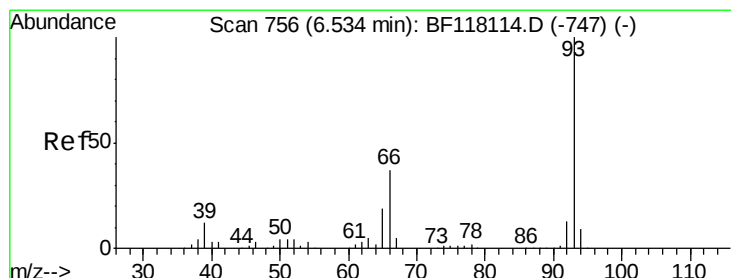
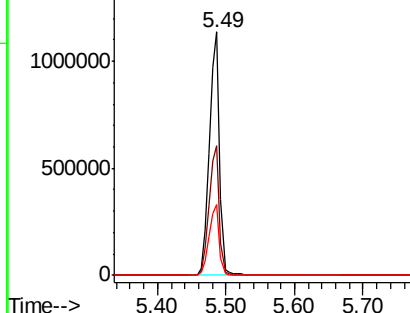
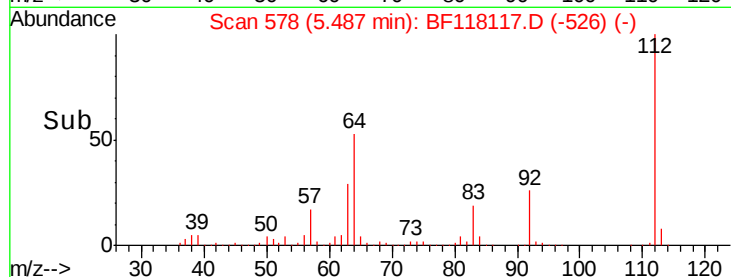
112 100

64 53.1 41.3 61.9

63 29.1 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: 72.988 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.01 min

Lab File: BF118117.D

Acq: 6 Dec 2019 16:22

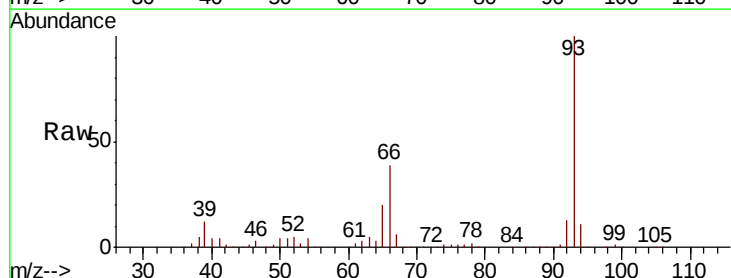
Tgt Ion: 93 Resp: 927799

Ion Ratio Lower Upper

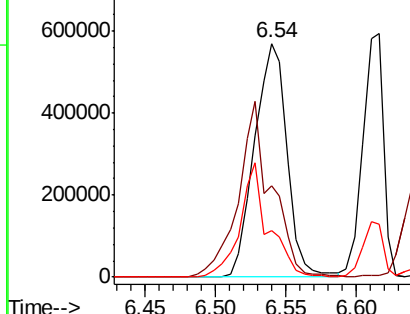
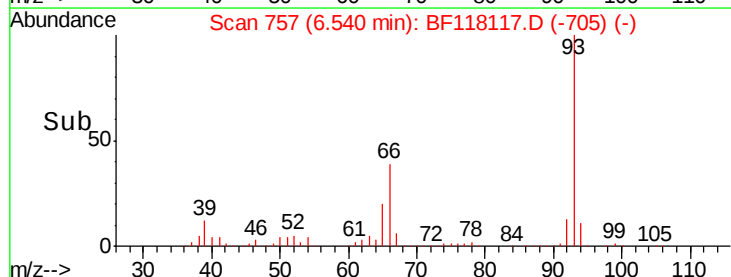
93 100

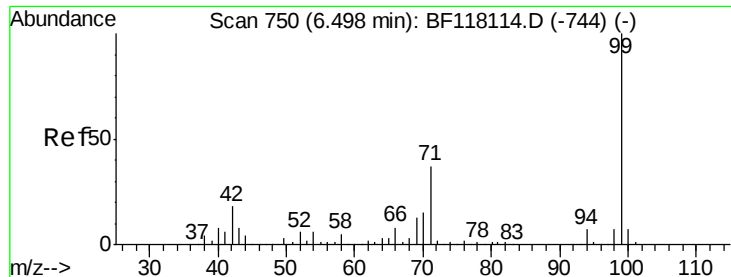
66 39.2 30.2 45.2

65 19.7 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: 150.280 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF118117.D

Acq: 6 Dec 2019 16:22

Instrument :

BNA_F

ClientSampleId :

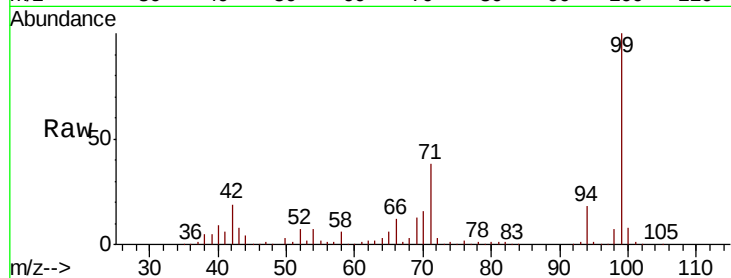
Tot Ion: 99 Resp: 1445603

Ion Ratio Lower Upper

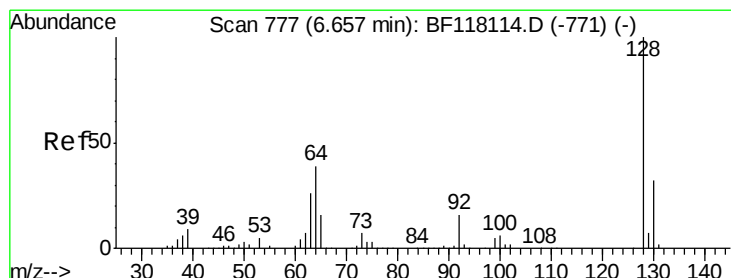
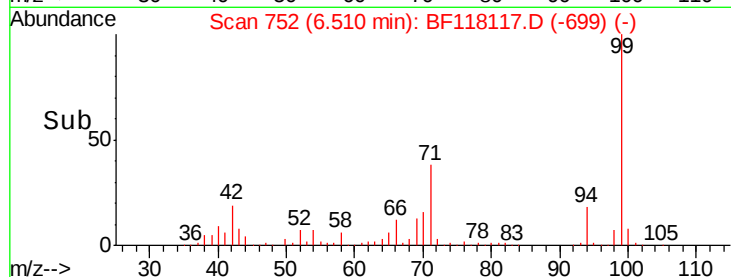
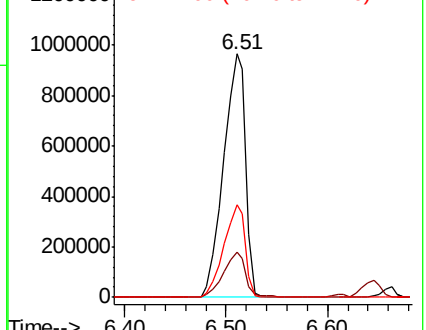
99 100

42 18.6 14.1 21.1

71 38.0 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: 77.243 ng

RT: 6.66 min Scan# 778

Delta R.T. 0.01 min

Lab File: BF118117.D

Acq: 6 Dec 2019 16:22

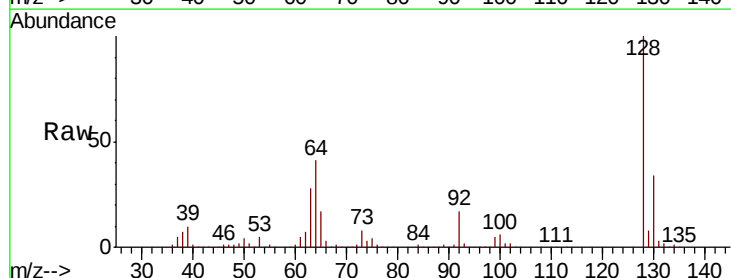
Tgt Ion: 128 Resp: 668452

Ion Ratio Lower Upper

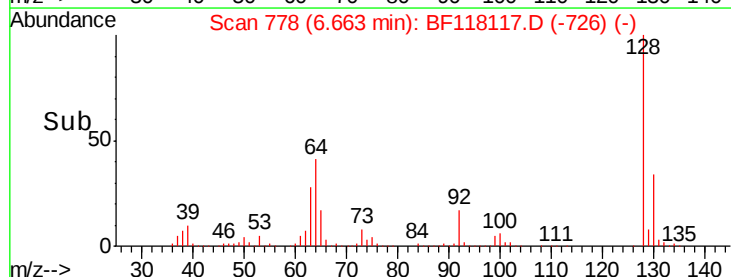
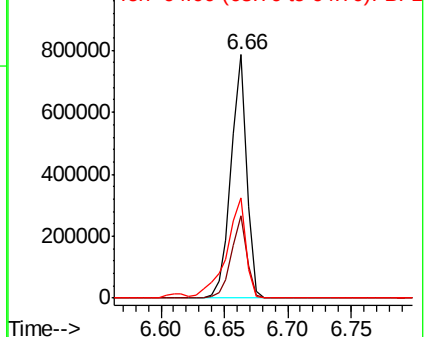
128 100

130 33.7 12.1 52.1

64 40.9 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: 50.752 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF118117.D

Acq: 6 Dec 2019 16:22

Instrument :

BNA_F

ClientSampleId :

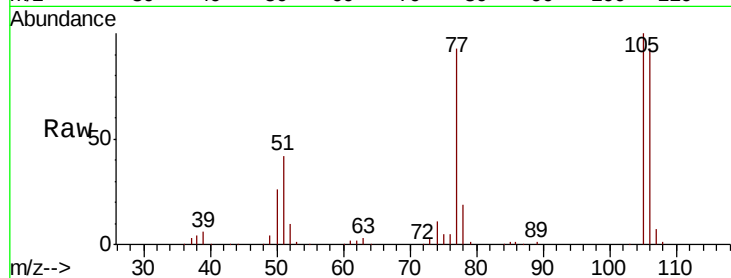
Tot Ion: 77 Resp: 304959

Ion Ratio Lower Upper

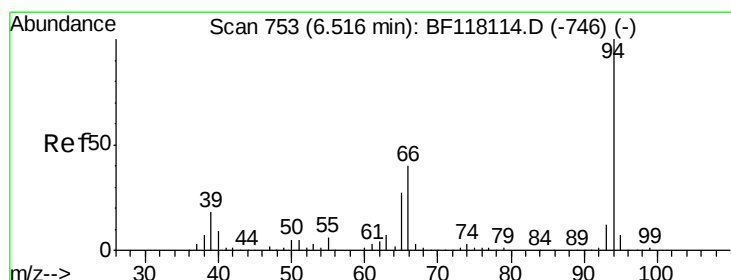
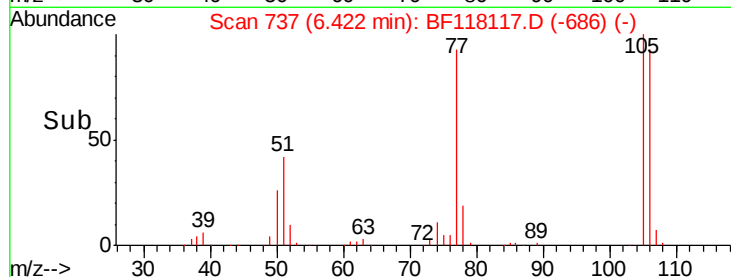
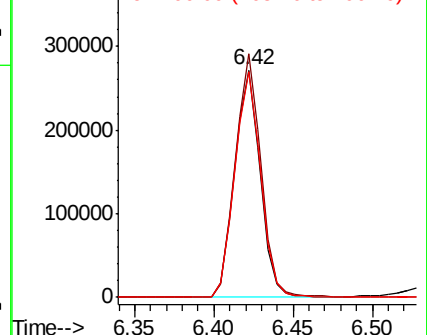
77 100

105 107.2 86.4 126.4

106 99.2 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: 82.946 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF118117.D

Acq: 6 Dec 2019 16:22

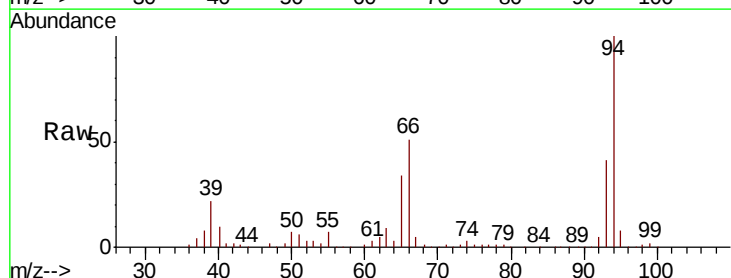
Tgt Ion: 94 Resp: 829120

Ion Ratio Lower Upper

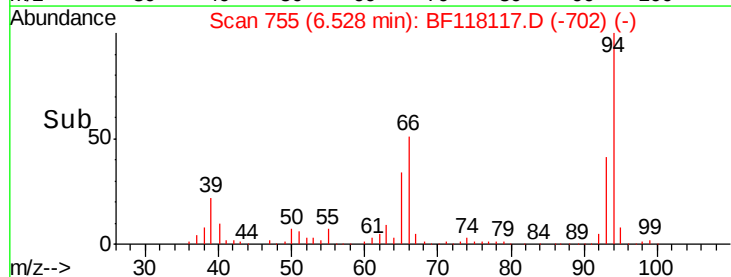
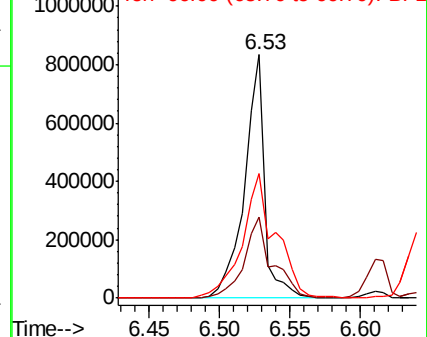
94 100

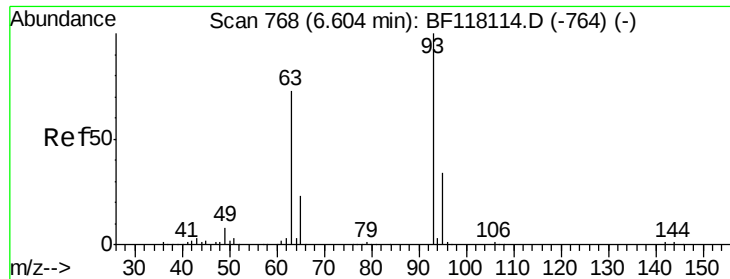
65 33.5 7.3 47.3

66 51.3 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

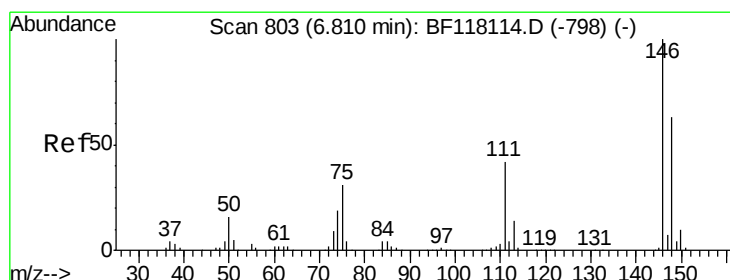
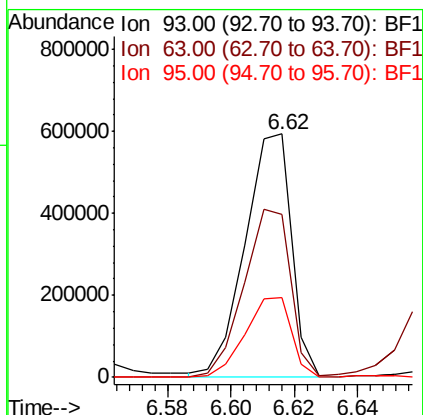
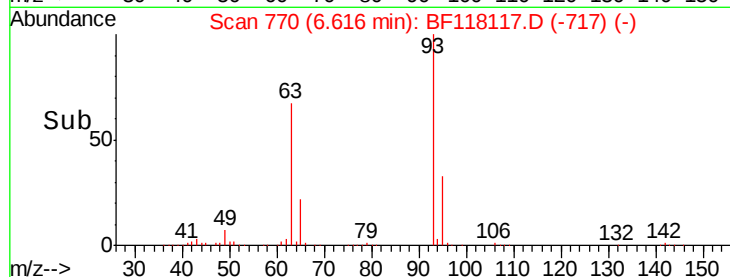
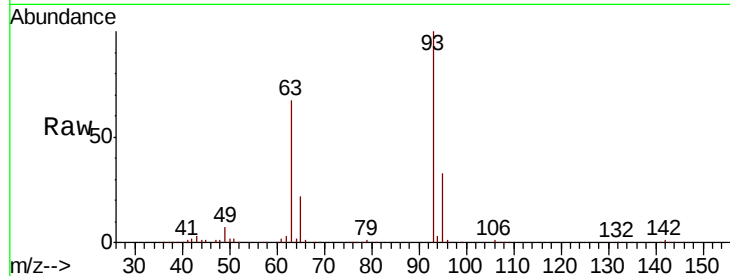




#11
bis(2-Chloroethyl)ether
Concen: 75.602 ng
RT: 6.62 min Scan# 770
Delta R.T. 0.01 min
Lab File: BF118117.D
Acq: 6 Dec 2019 16:22

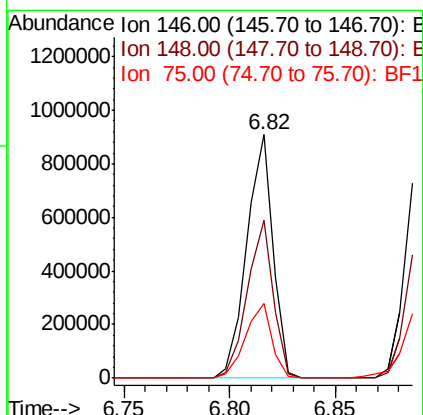
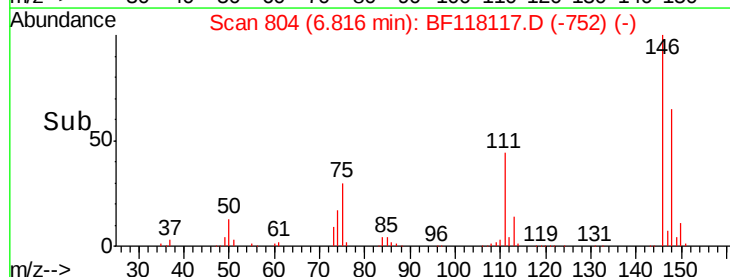
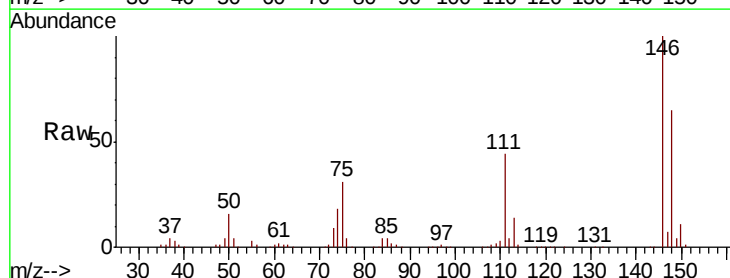
Instrument :
BNA_F
ClientSampleId :

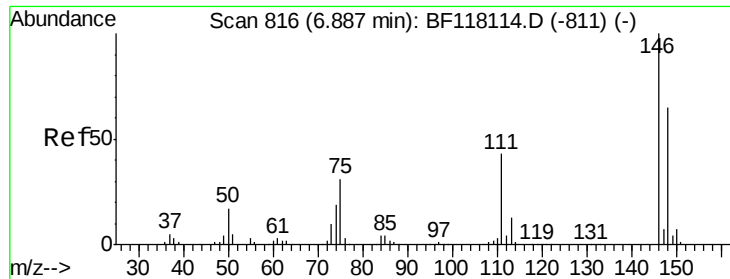
Tot Ion: 93 Resp: 606872
Ion Ratio Lower Upper
93 100
63 66.9 53.2 93.2
95 32.6 13.8 53.8



#12
1,3-Dichlorobenzene
Concen: 77.186 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.01 min
Lab File: BF118117.D
Acq: 6 Dec 2019 16:22

Tgt Ion: 146 Resp: 786385
Ion Ratio Lower Upper
146 100
148 64.9 50.2 75.4
75 30.5 24.6 37.0

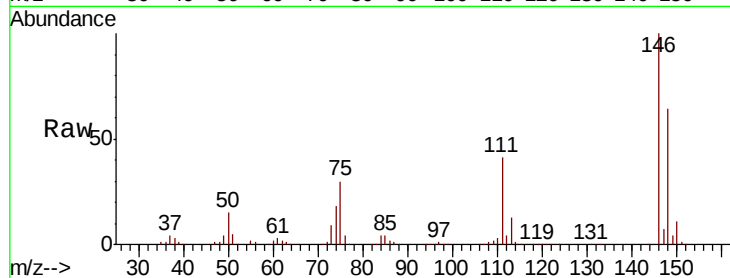




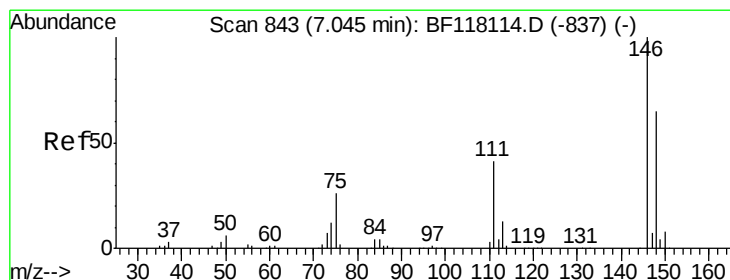
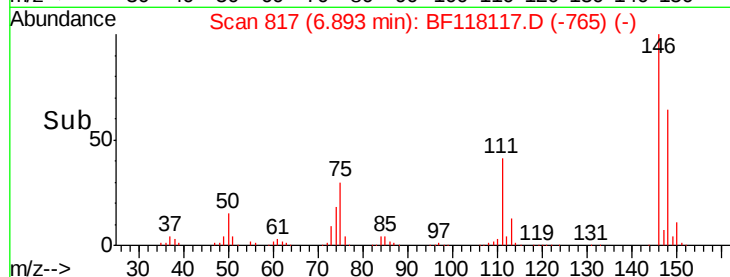
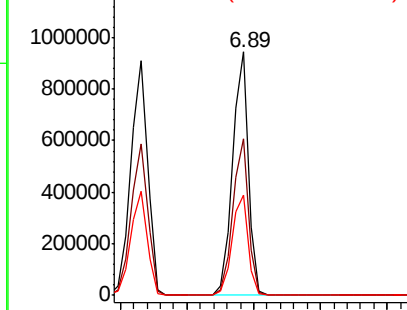
#13
 1,4-Dichlorobenzene
 Concen: 76.823 ng
 RT: 6.89 min Scan# 817
 Delta R.T. 0.01 min
 Lab File: BF118117.D
 Acq: 6 Dec 2019 16:22

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 791131
 Ion Ratio Lower Upper
 146 100
 148 64.3 52.1 78.1
 111 41.3 34.6 52.0

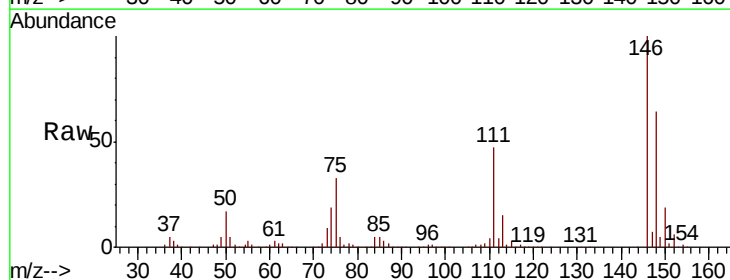


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

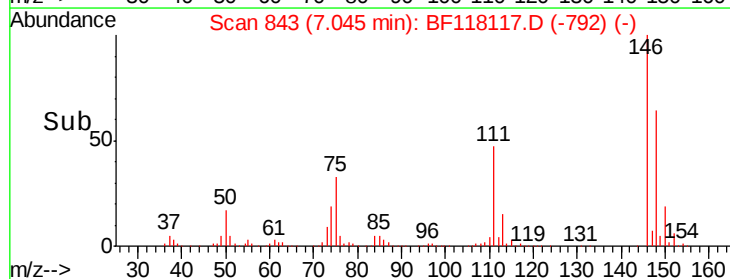
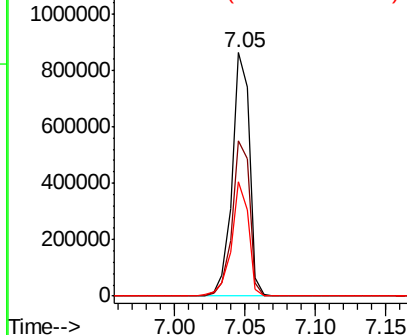


#14
 1,2-Dichlorobenzene
 Concen: 74.407 ng
 RT: 7.05 min Scan# 843
 Delta R.T. 0.00 min
 Lab File: BF118117.D
 Acq: 6 Dec 2019 16:22

Tgt Ion:146 Resp: 732843
 Ion Ratio Lower Upper
 146 100
 148 63.9 52.2 78.2
 111 46.8 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: 76.535 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.01 min

Lab File: BF118117.D

Acq: 6 Dec 2019 16:22

Instrument :

BNA_F

ClientSampleId :

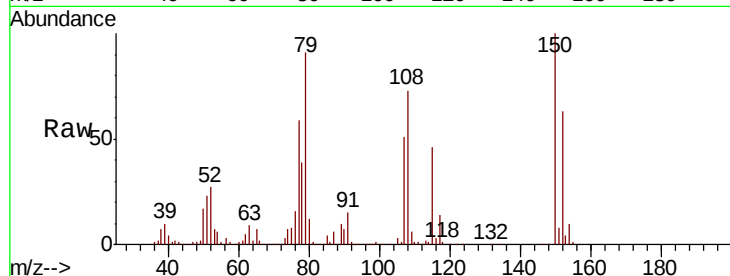
Tot Ion: 79 Resp: 568397

Ion Ratio Lower Upper

79 100

108 79.4 62.7 94.1

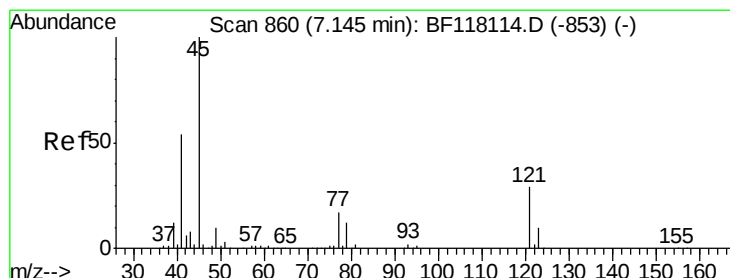
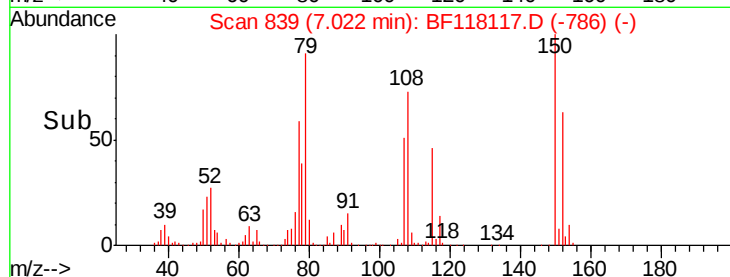
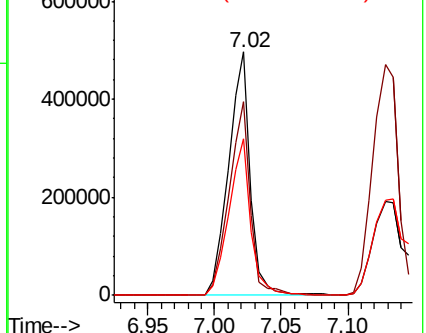
77 64.2 51.4 77.2



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: 58.125 ng

RT: 7.15 min Scan# 861

Delta R.T. 0.01 min

Lab File: BF118117.D

Acq: 6 Dec 2019 16:22

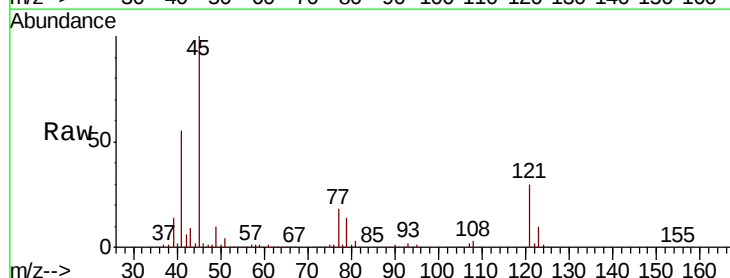
Tgt Ion: 45 Resp: 718357

Ion Ratio Lower Upper

45 100

77 18.4 0.0 38.0

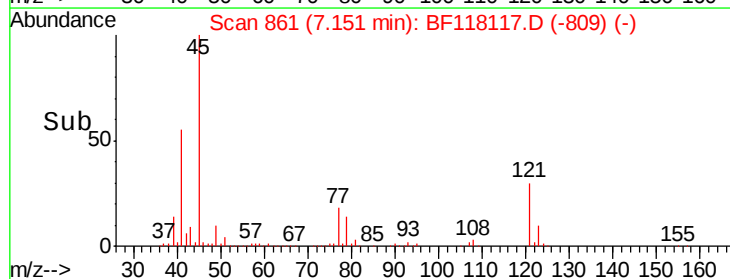
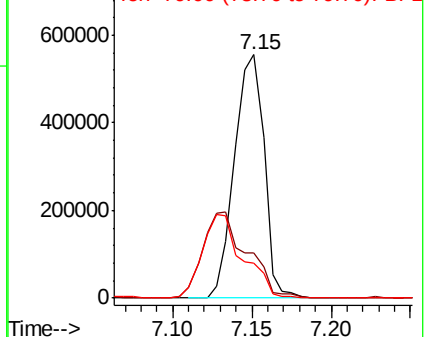
79 14.5 0.0 33.2

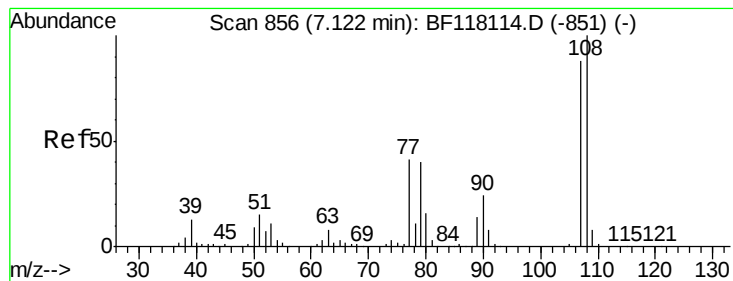


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

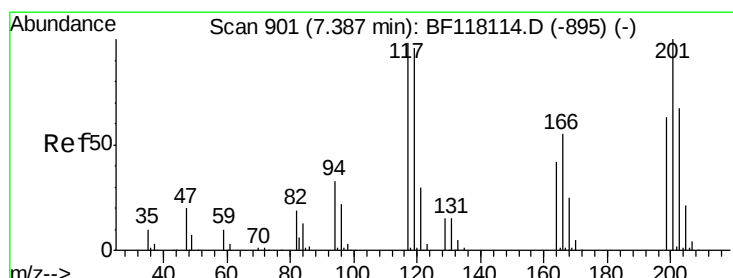
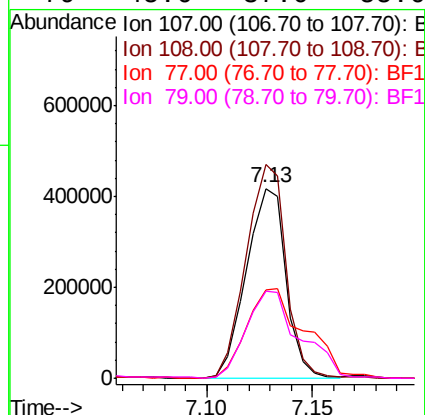
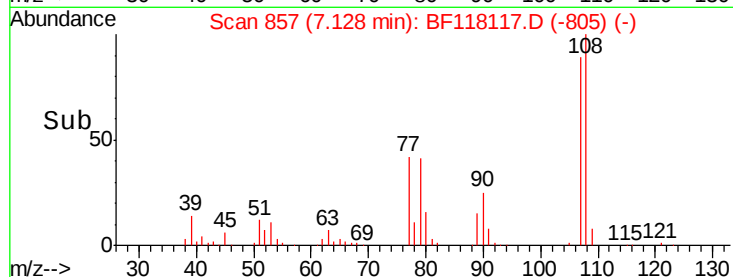
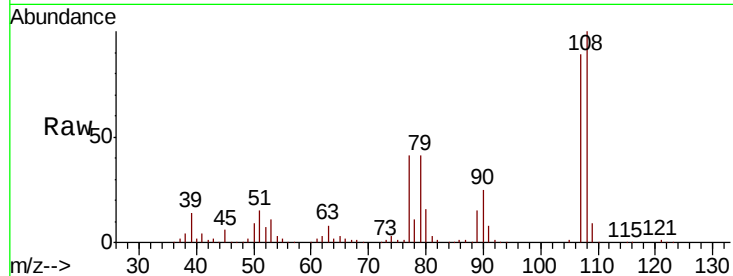




#17
2-Methylphenol
Concen: 74.077 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.01 min
Lab File: BF118117.D
Acq: 6 Dec 2019 16:22

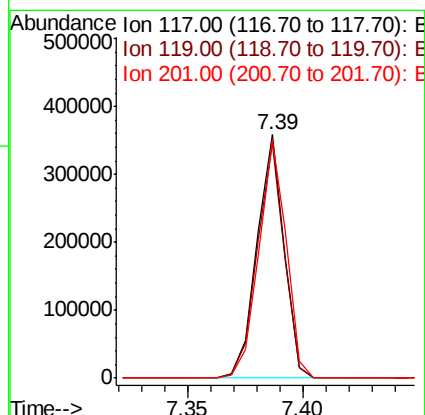
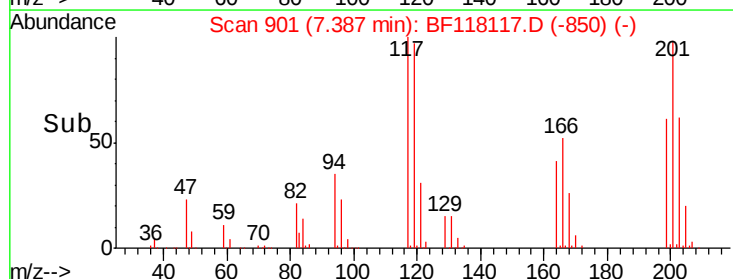
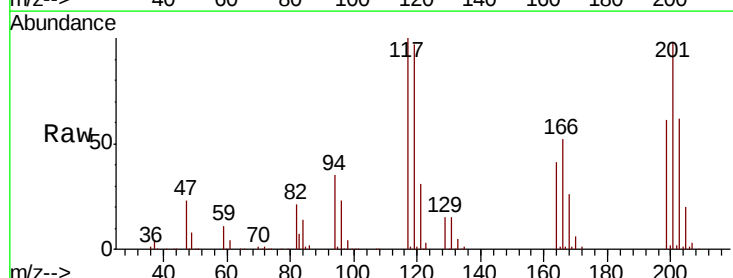
Instrument :
BNA_F
ClientSampleId :

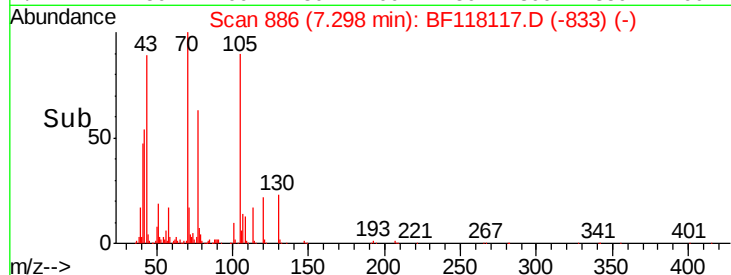
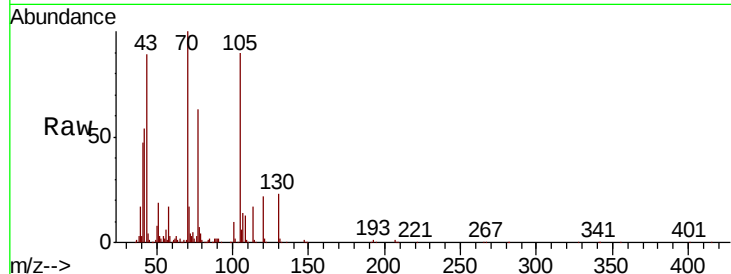
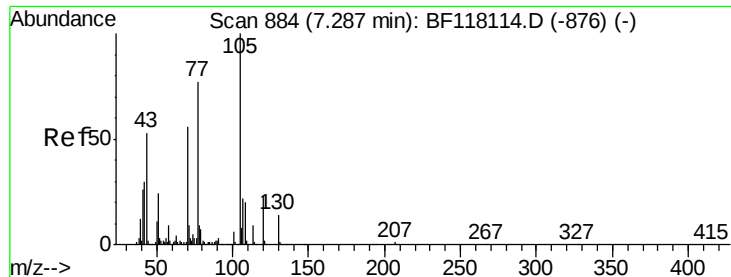
Tot Ion:107 Resp: 542873
Ion Ratio Lower Upper
107 100
108 112.5 91.1 136.7
77 46.7 37.8 56.6
79 45.6 37.0 55.6



#18
Hexachloroethane
Concen: 77.784 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF118117.D
Acq: 6 Dec 2019 16:22

Tgt Ion:117 Resp: 294265
Ion Ratio Lower Upper
117 100
119 96.6 78.2 117.4
201 97.9 81.6 122.4

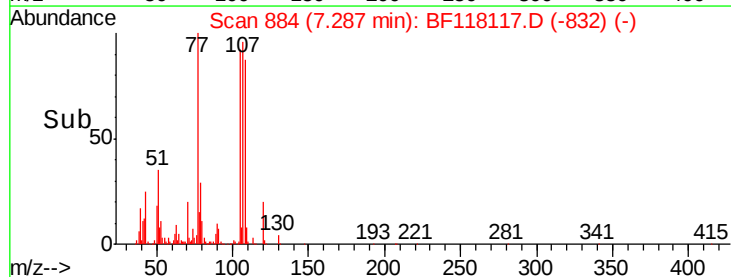
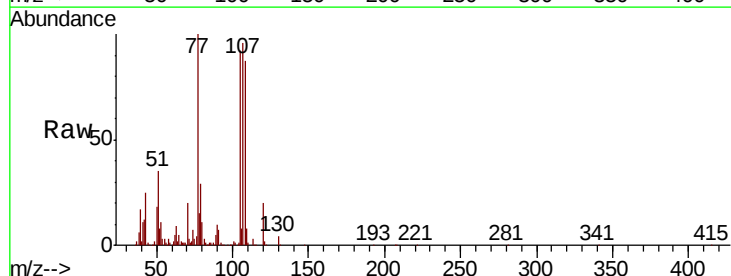
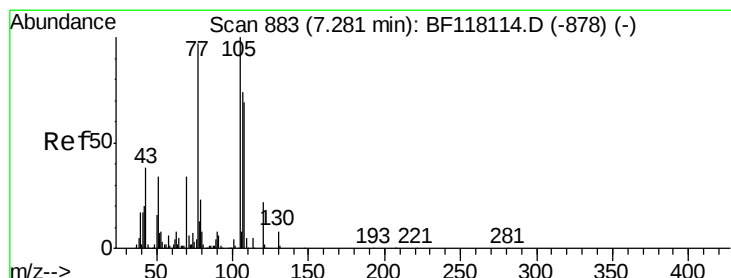
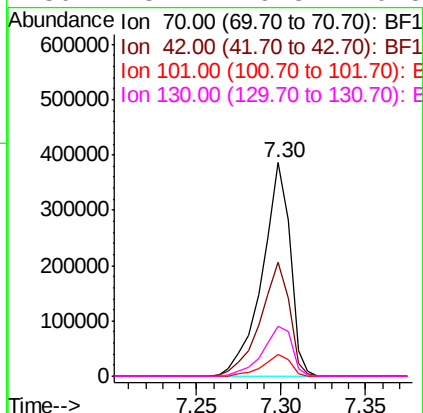




#19
n-Nitroso-di-n-propylamine
Concen: 74.672 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.01 min
Lab File: BF118117.D
Acq: 6 Dec 2019 16:22

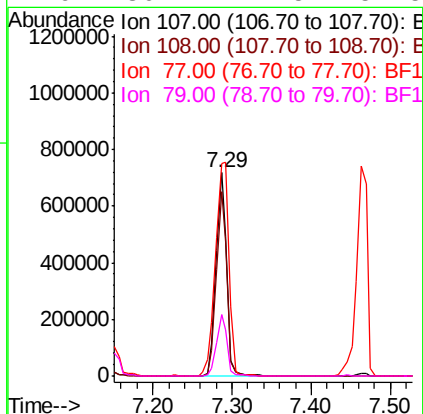
Instrument :
BNA_F
ClientSampleId :

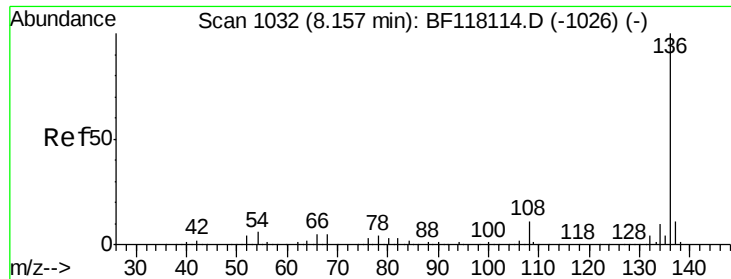
Tot Ion:	70	Resp:	443133
Ion	Ratio	Lower	Upper
70	100		
42	53.6	43.2	64.8
101	10.5	8.1	12.1
130	23.2	19.8	29.8



#20
3+4-Methylphenols
Concen: 73.131 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.01 min
Lab File: BF118117.D
Acq: 6 Dec 2019 16:22

Tgt Ion:	107	Resp:	665282
Ion	Ratio	Lower	Upper
107	100		
108	90.9	73.2	113.2
77	104.3	110.9	150.9#
79	30.2	11.5	51.5

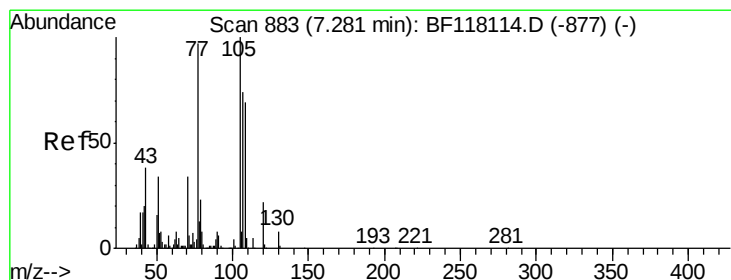
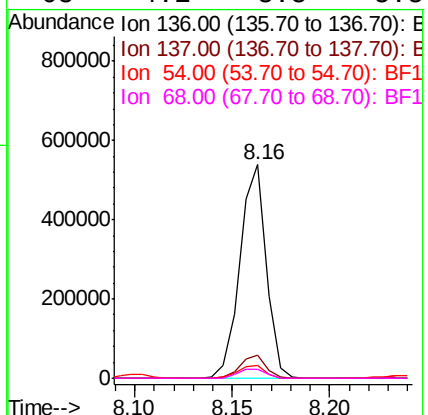
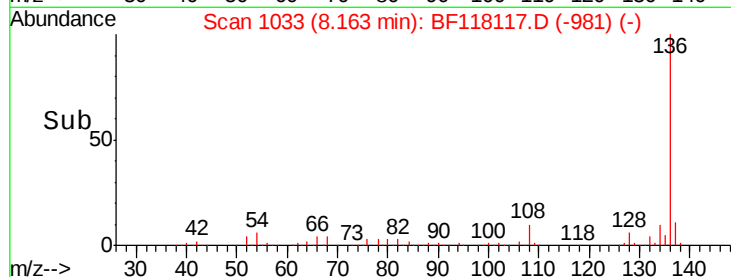
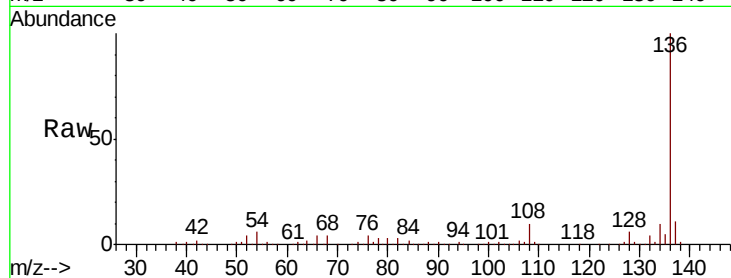




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.01 min
Lab File: BF118117.D
Acq: 6 Dec 2019 16:22

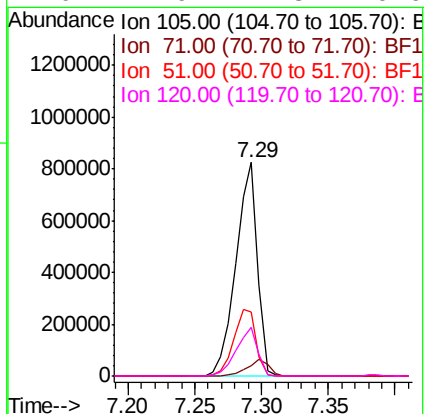
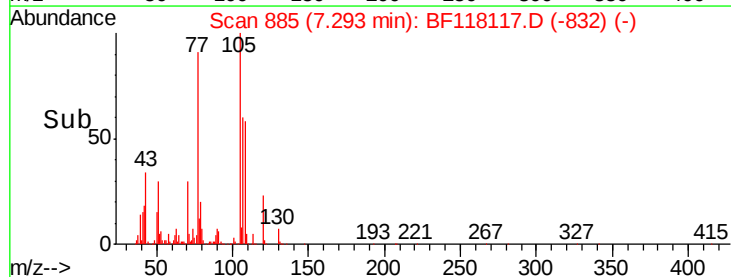
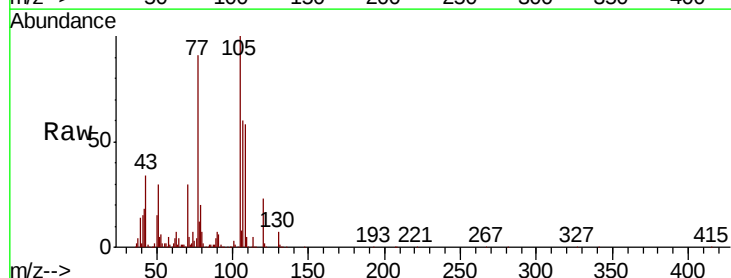
Instrument :
BNA_F
ClientSampleId :

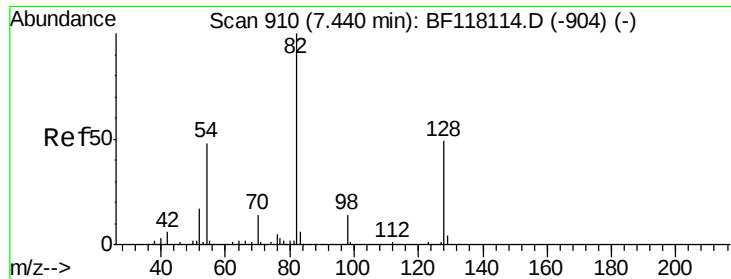
Tot Ion:136	Resp:	501448
Ion Ratio	Lower	Upper
136	100	
137	11.1	9.0 13.6
54	5.7	5.0 7.6
68	4.1	3.8 5.8



#22
Acetophenone
Concen: 82.366 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.01 min
Lab File: BF118117.D
Acq: 6 Dec 2019 16:22

Tgt Ion:105	Resp:	927936
Ion Ratio	Lower	Upper
105	100	
71	4.9	4.7 7.1
51	29.9	27.1 40.7
120	22.9	17.8 26.6

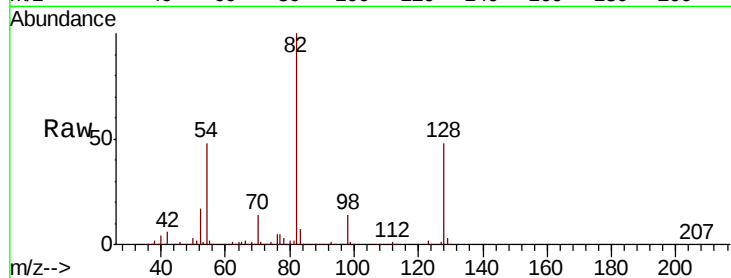




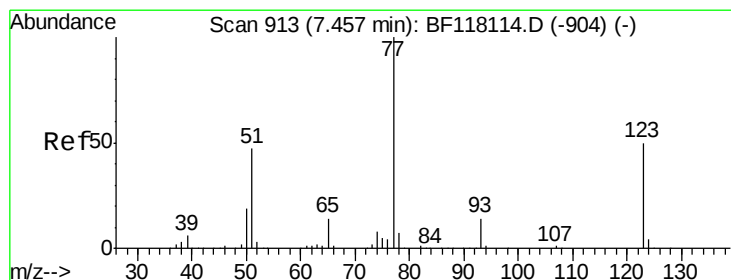
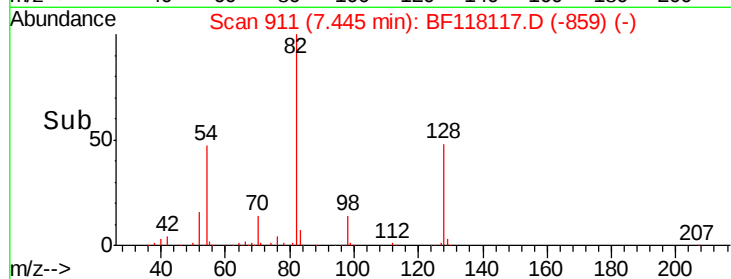
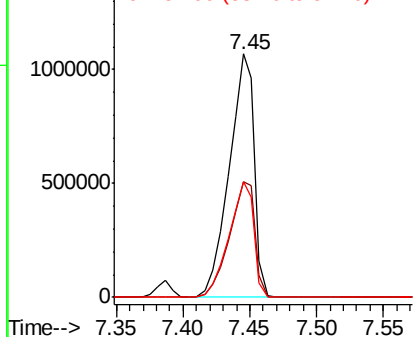
#23
Nitrobenzene-d5
Concen: 166.069 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.01 min
Lab File: BF118117.D
Acq: 6 Dec 2019 16:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1400851
Ion Ratio Lower Upper
82 100
128 47.6 39.1 58.7
54 47.7 38.2 57.2

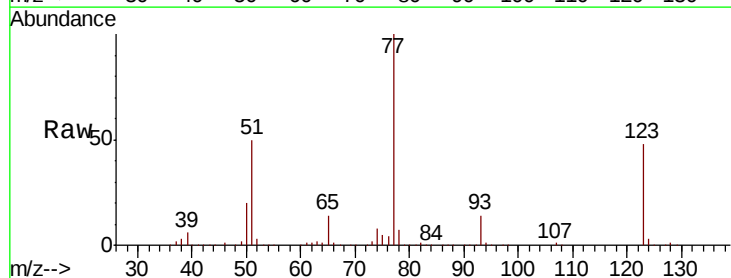


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

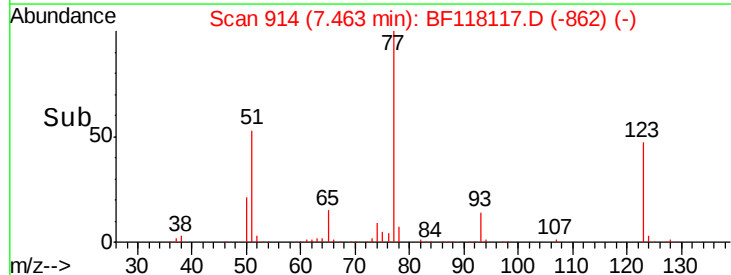
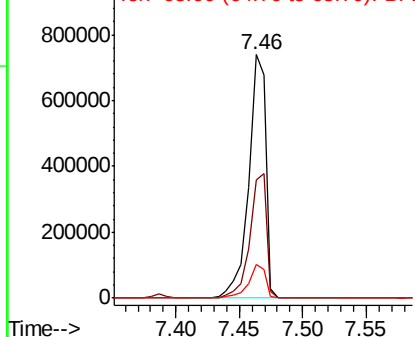


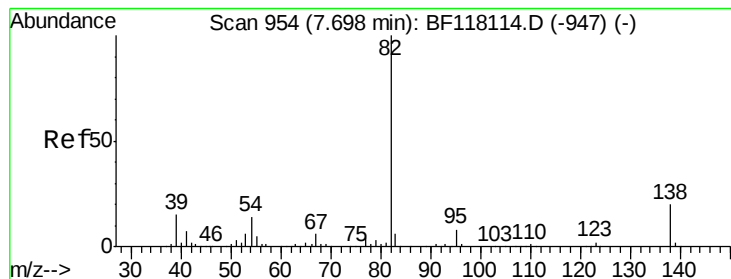
#24
Nitrobenzene
Concen: 79.621 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.01 min
Lab File: BF118117.D
Acq: 6 Dec 2019 16:22

Tgt Ion: 77 Resp: 692878
Ion Ratio Lower Upper
77 100
123 48.3 40.1 60.1
65 13.7 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: 77.351 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.01 min

Lab File: BF118117.D

Acq: 6 Dec 2019 16:22

Instrument :

BNA_F

ClientSampled :

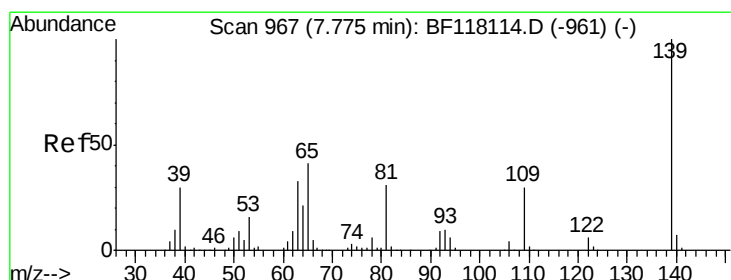
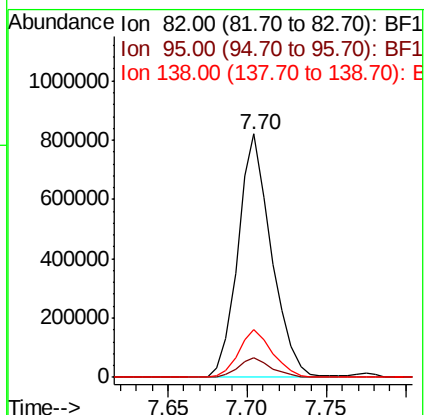
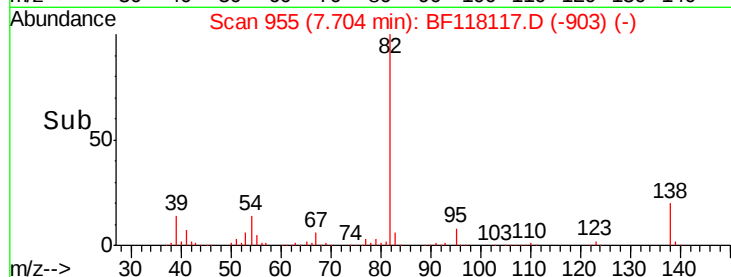
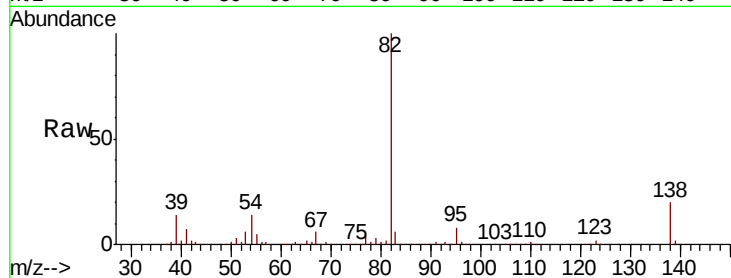
Tot Ion: 82 Resp: 1195911

Ion Ratio Lower Upper

82 100

95 7.9 6.3 9.5

138 19.8 16.3 24.5



#26

2-Nitrophenol

Concen: 88.595 ng

RT: 7.77 min Scan# 967

Delta R.T. 0.00 min

Lab File: BF118117.D

Acq: 6 Dec 2019 16:22

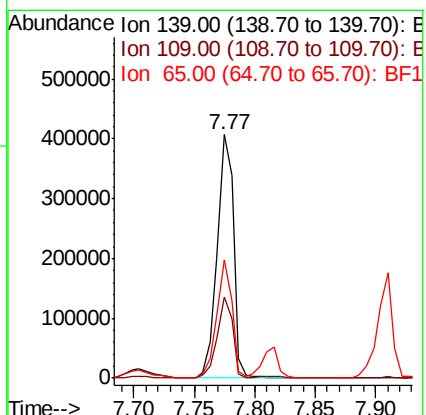
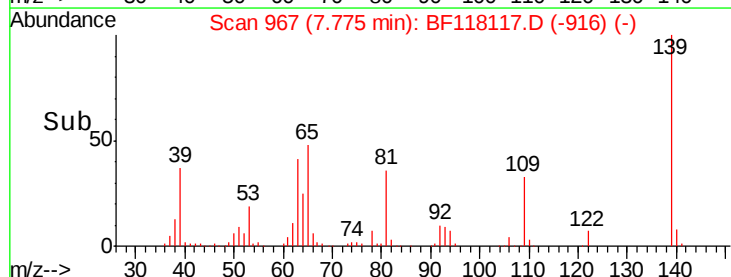
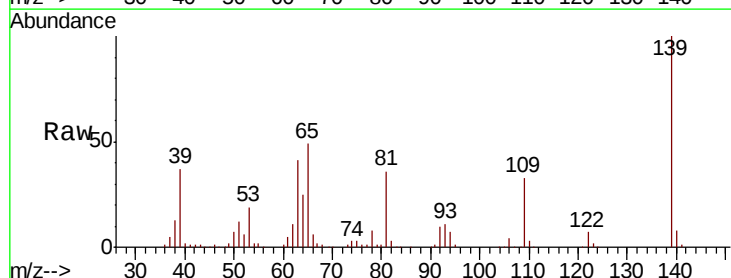
Tgt Ion: 139 Resp: 375253

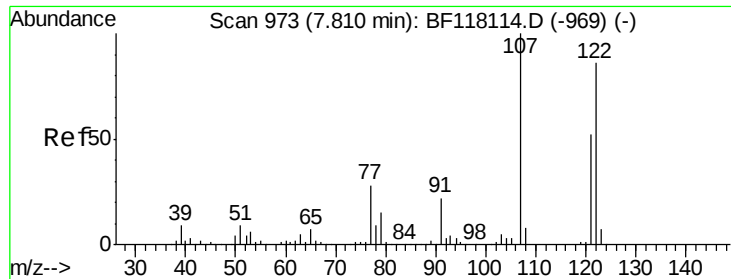
Ion Ratio Lower Upper

139 100

109 33.0 23.9 35.9

65 48.7 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 74.653 ng

RT: 7.82 min Scan# 974

Delta R.T. 0.01 min

Lab File: BF118117.D

Acq: 6 Dec 2019 16:22

Instrument :

BNA_F

ClientSampled :

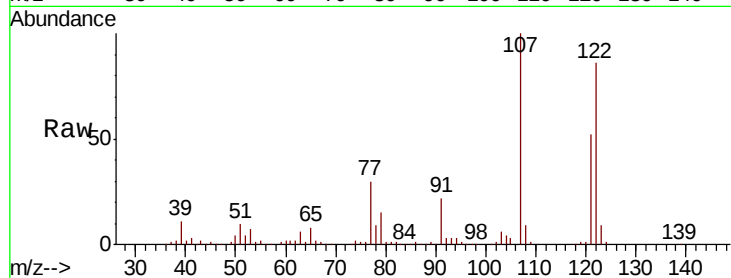
Tot Ion:122 Resp: 491343

Ion Ratio Lower Upper

122 100

107 115.9 92.9 139.3

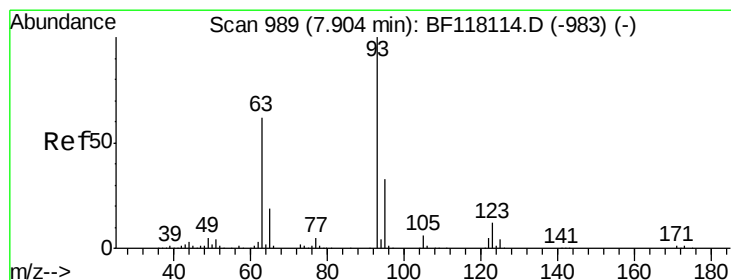
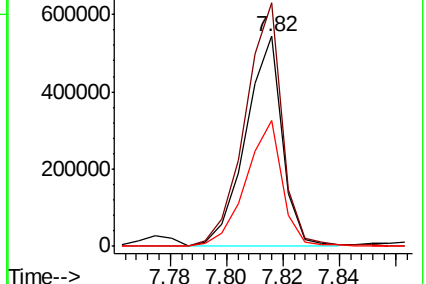
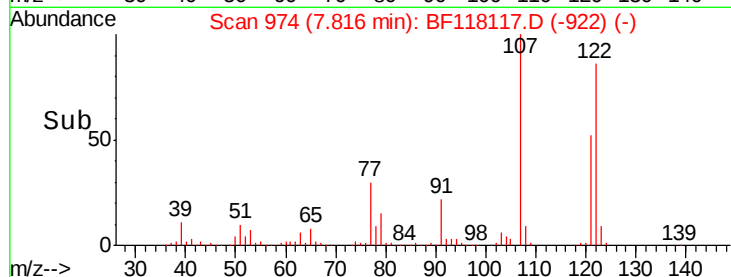
121 60.0 48.3 72.5



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: 78.046 ng

RT: 7.91 min Scan# 990

Delta R.T. 0.01 min

Lab File: BF118117.D

Acq: 6 Dec 2019 16:22

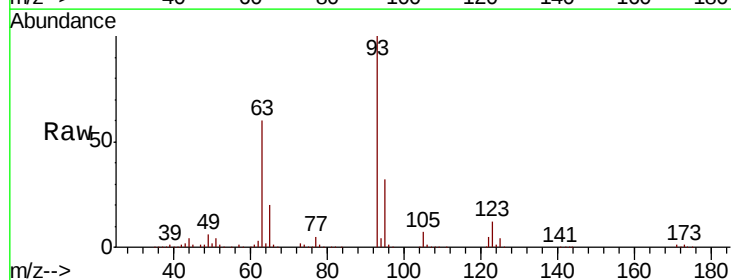
Tgt Ion: 93 Resp: 765704

Ion Ratio Lower Upper

93 100

95 32.4 26.7 40.1

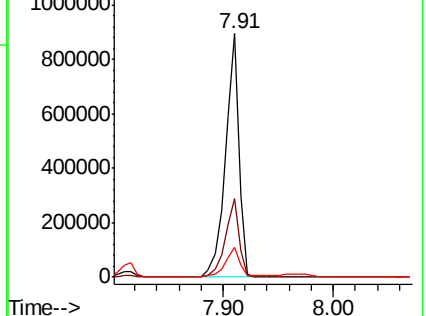
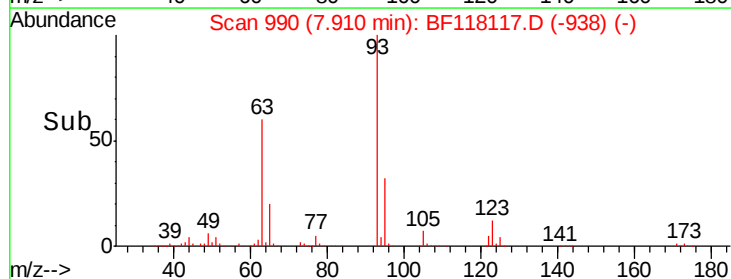
123 12.3 10.0 15.0

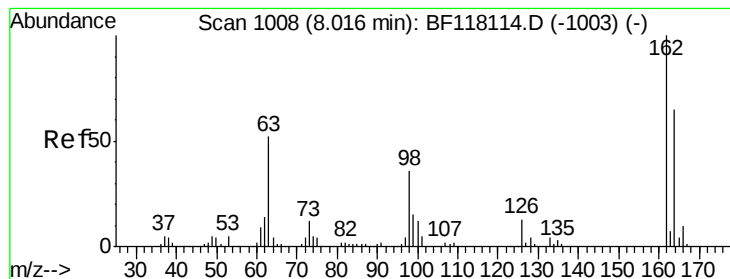


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 79.141 ng

RT: 8.02 min Scan# 1009

Delta R.T. 0.01 min

Lab File: BF118117.D

Acq: 6 Dec 2019 16:22

Instrument :

BNA_F

ClientSampleId :

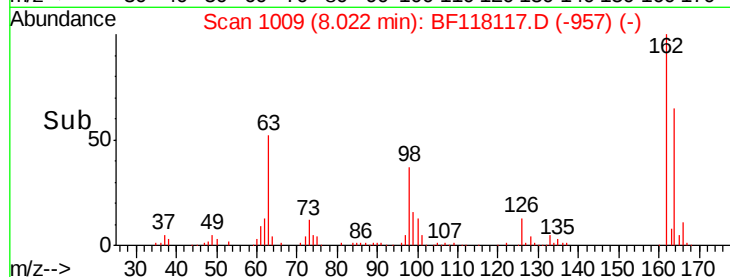
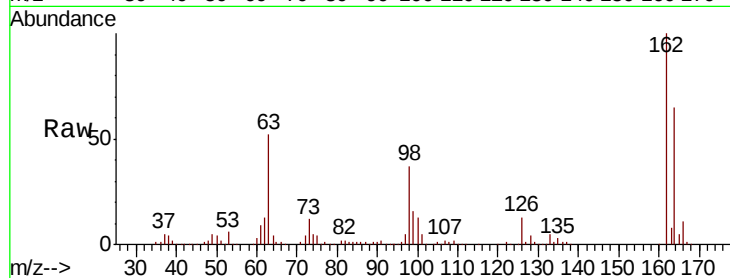
Tot Ion:162 Resp: 565001

Ion Ratio Lower Upper

162 100

164 64.8 45.2 85.2

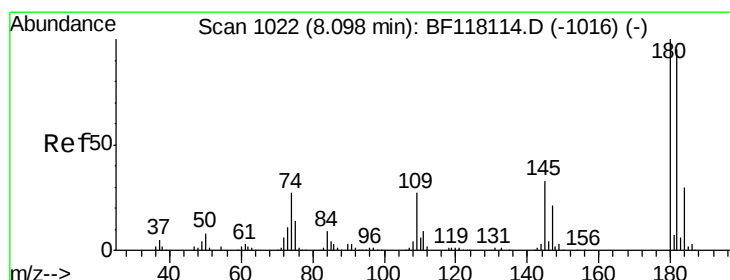
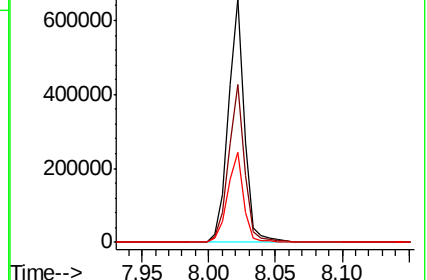
98 37.0 15.9 55.9



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: 79.172 ng

RT: 8.10 min Scan# 1023

Delta R.T. 0.01 min

Lab File: BF118117.D

Acq: 6 Dec 2019 16:22

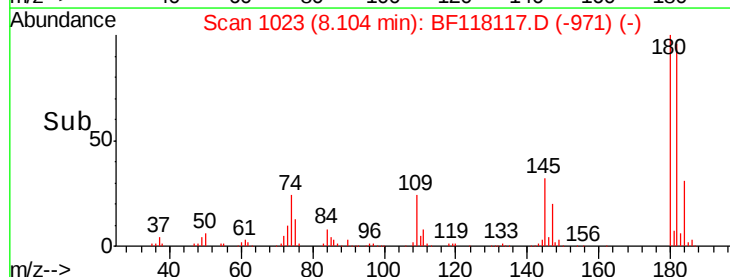
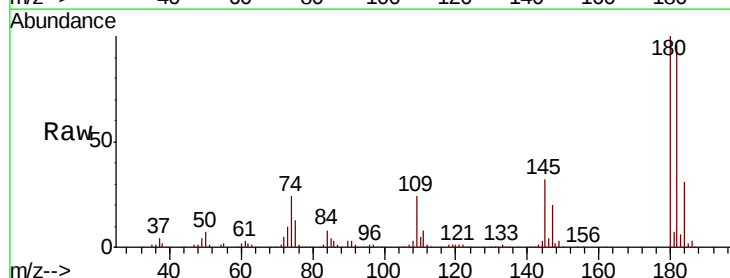
Tgt Ion:180 Resp: 655621

Ion Ratio Lower Upper

180 100

182 96.3 76.1 114.1

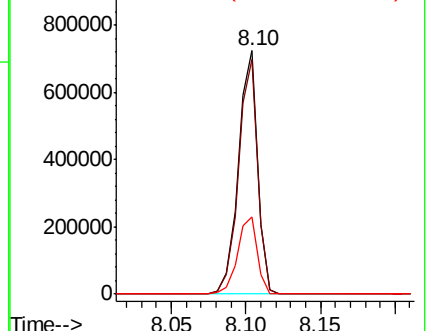
145 31.9 26.1 39.1

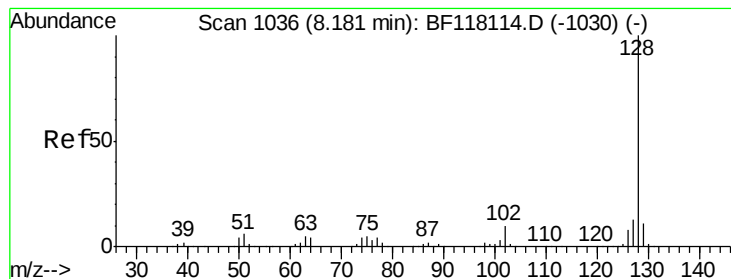


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 81.723 ng

RT: 8.19 min Scan# 1037

Delta R.T. 0.01 min

Lab File: BF118117.D

Acq: 6 Dec 2019 16:22

Instrument :

BNA_F

ClientSampleId :

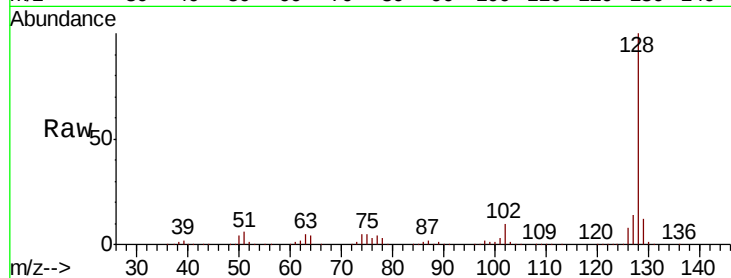
Tot Ion:128 Resp: 1910448

Ion Ratio Lower Upper

128 100

129 11.6 9.1 13.7

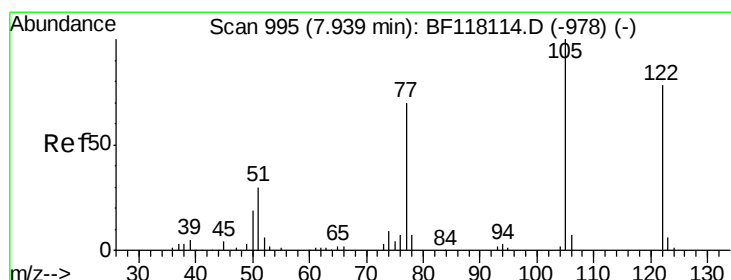
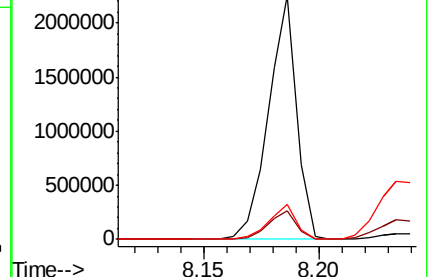
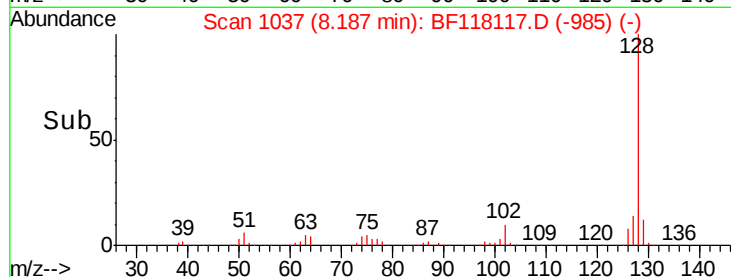
127 14.1 10.6 16.0



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: 87.338 ng

RT: 7.97 min Scan# 1001

Delta R.T. 0.04 min

Lab File: BF118117.D

Acq: 6 Dec 2019 16:22

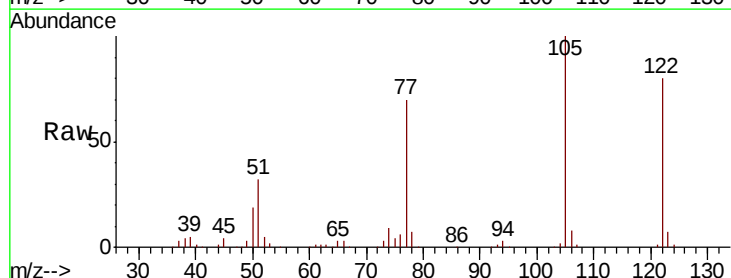
Tgt Ion:122 Resp: 481309

Ion Ratio Lower Upper

122 100

105 124.5 104.7 144.7

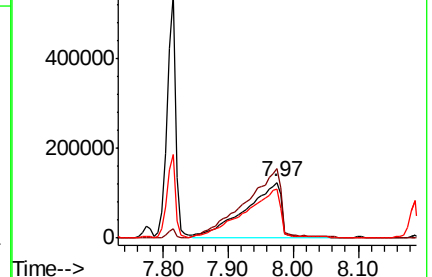
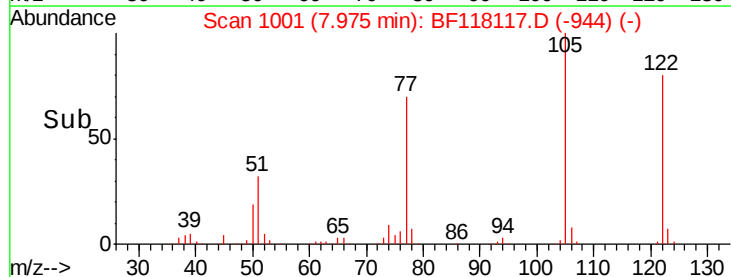
77 87.6 69.1 109.1

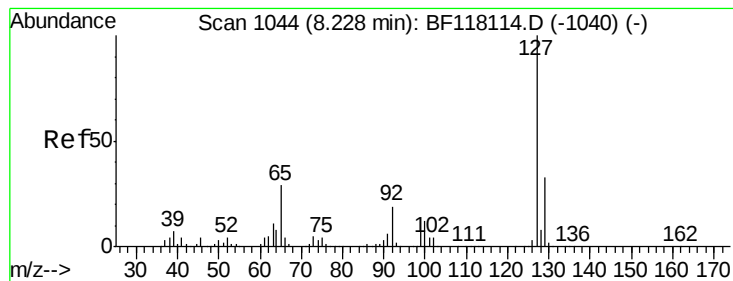


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 81.936 ng

RT: 8.23 min Scan# 1045

Delta R.T. 0.01 min

Lab File: BF118117.D

Acq: 6 Dec 2019 16:22

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 857495

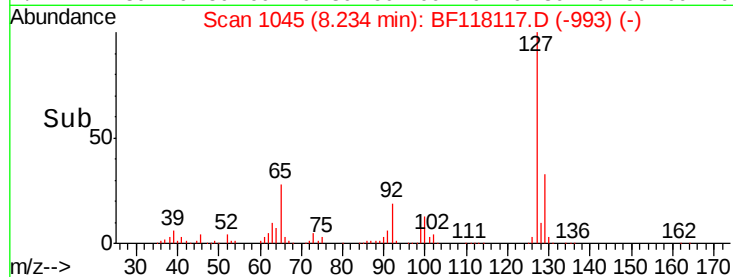
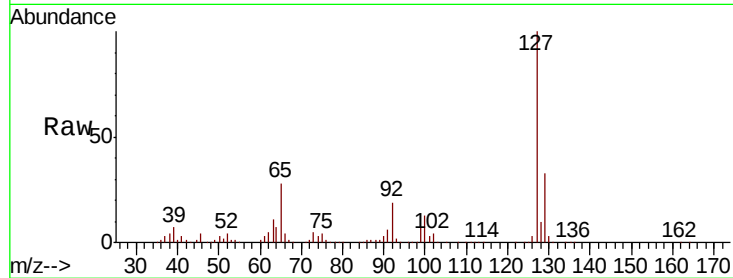
Ion Ratio Lower Upper

127 100

129 32.8 26.6 40.0

65 28.1 23.2 34.8

92 19.1 15.4 23.0

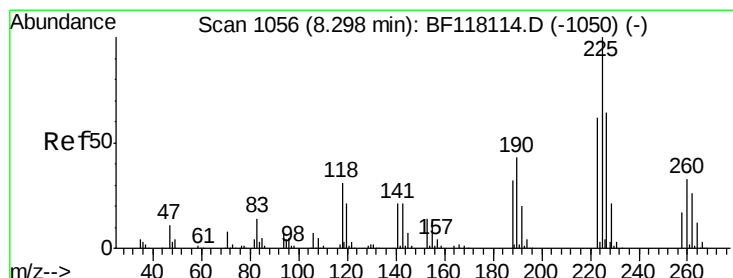
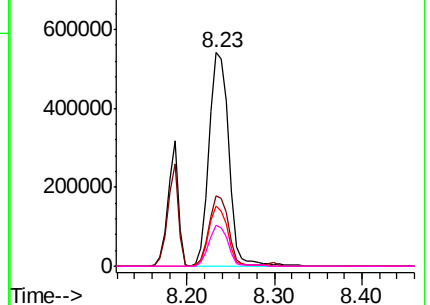


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 81.839 ng

RT: 8.30 min Scan# 1056

Delta R.T. 0.00 min

Lab File: BF118117.D

Acq: 6 Dec 2019 16:22

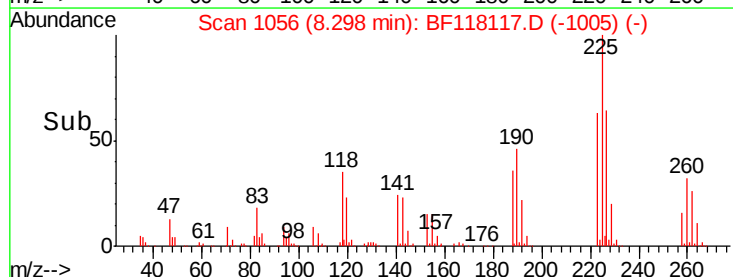
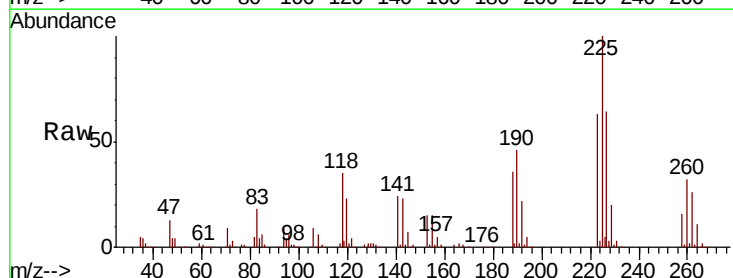
Tgt Ion:225 Resp: 396235

Ion Ratio Lower Upper

225 100

223 62.6 49.6 74.4

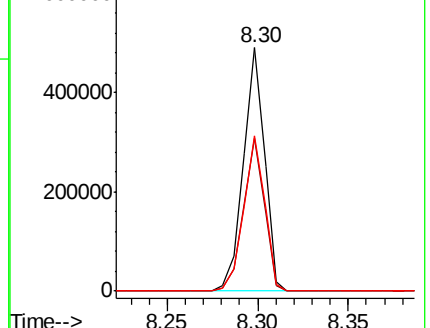
227 64.0 51.0 76.6

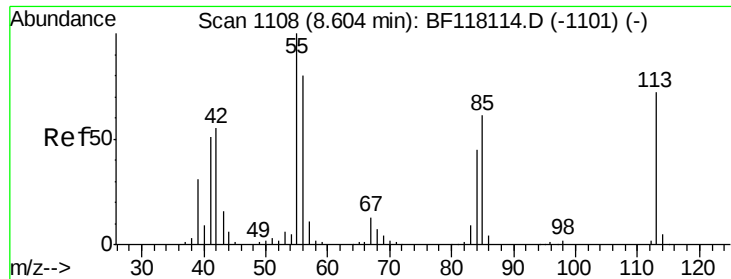


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

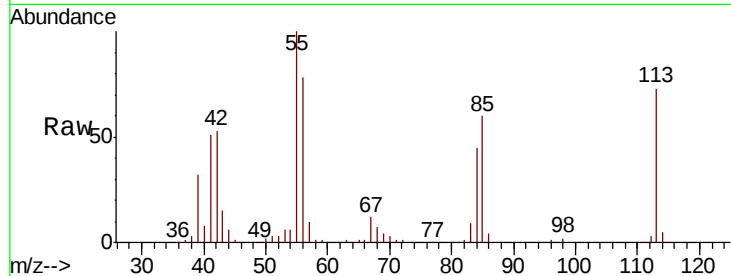




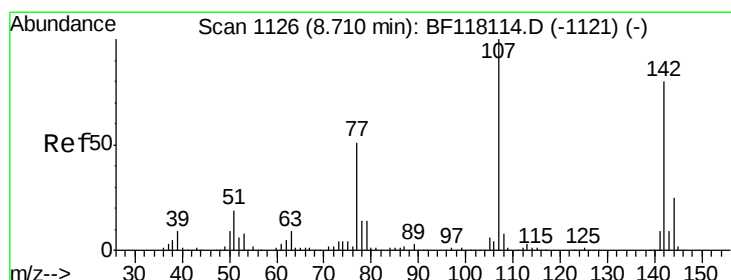
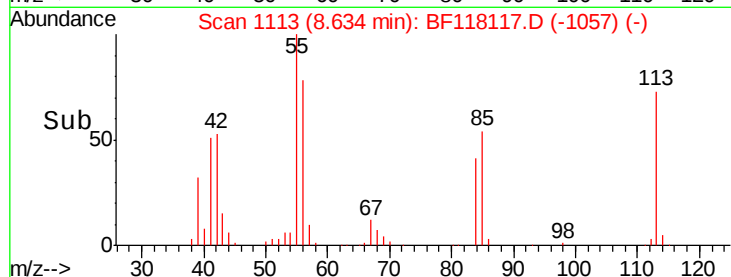
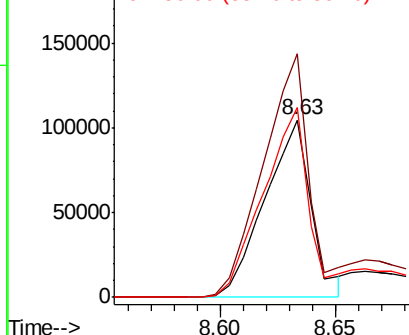
#35
Caprolactam
Concen: 63.753 ng
RT: 8.63 min Scan# 1113
Delta R.T. 0.03 min
Lab File: BF118117.D
Acq: 6 Dec 2019 16:22

Instrument :
BNA_F
ClientSampled :

Tot Ion:113 Resp: 144652
Ion Ratio Lower Upper
113 100
55 137.0 118.9 158.9
56 107.1 91.4 131.4

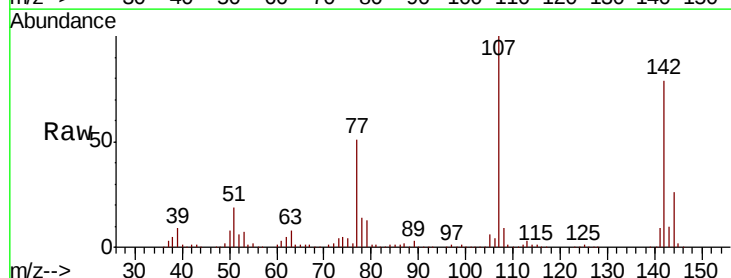


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

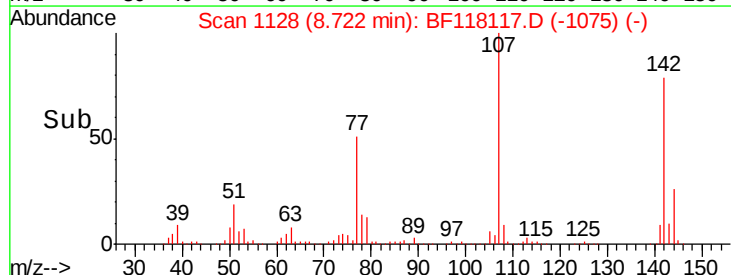
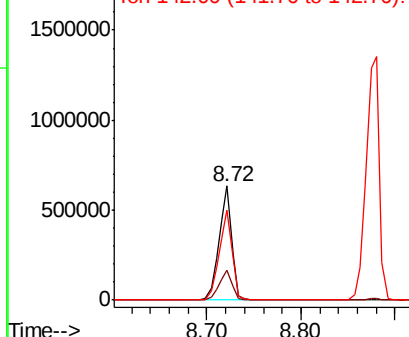


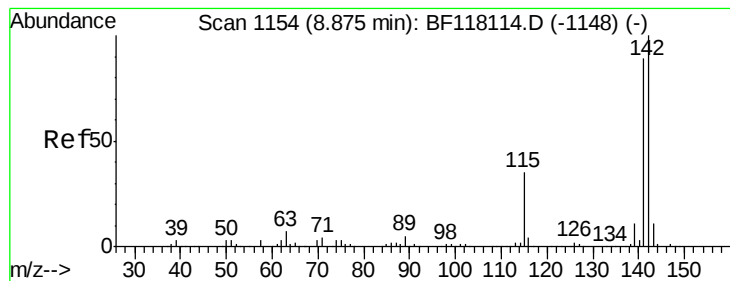
#36
4-Chloro-3-methylphenol
Concen: 82.535 ng
RT: 8.72 min Scan# 1128
Delta R.T. 0.01 min
Lab File: BF118117.D
Acq: 6 Dec 2019 16:22

Tgt Ion:107 Resp: 597997
Ion Ratio Lower Upper
107 100
144 26.5 20.3 30.5
142 79.3 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: 83.123 ng

RT: 8.88 min Scan# 1155

Delta R.T. 0.01 min

Lab File: BF118117.D

Acq: 6 Dec 2019 16:22

Instrument :

BNA_F

ClientSampleId :

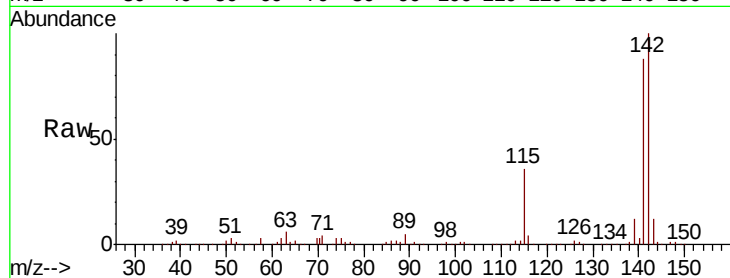
Tot Ion:142 Resp: 1312933

Ion Ratio Lower Upper

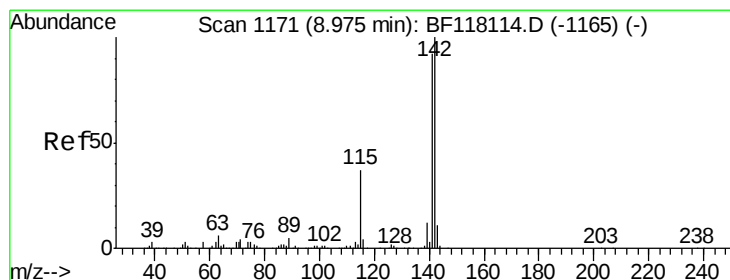
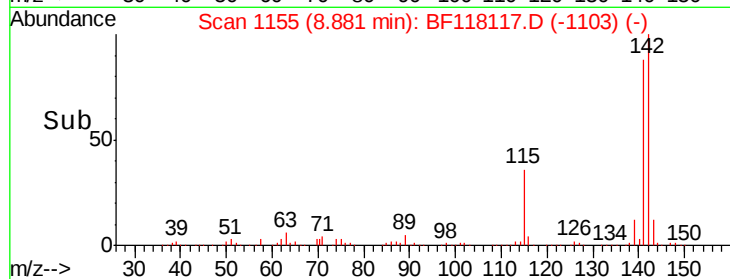
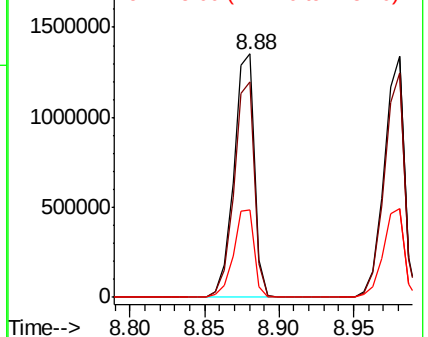
142 100

141 88.4 71.4 107.0

115 35.7 28.2 42.4



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 82.166 ng

RT: 8.98 min Scan# 1172

Delta R.T. 0.01 min

Lab File: BF118117.D

Acq: 6 Dec 2019 16:22

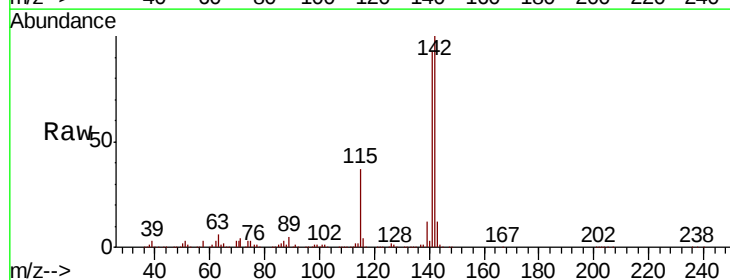
Tgt Ion:142 Resp: 1226958

Ion Ratio Lower Upper

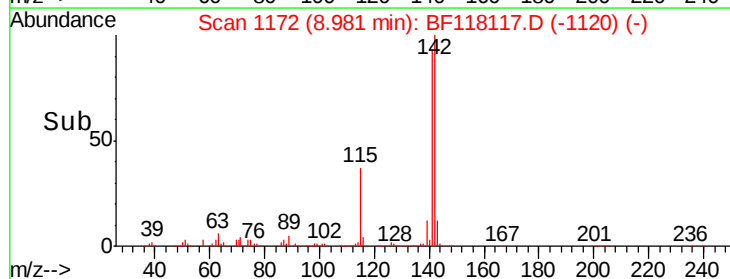
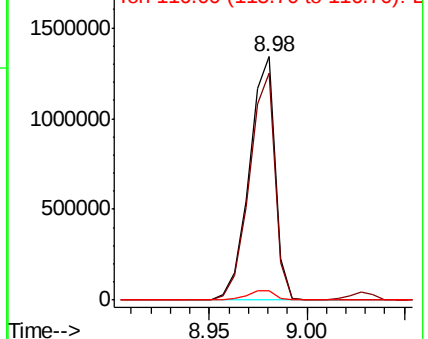
142 100

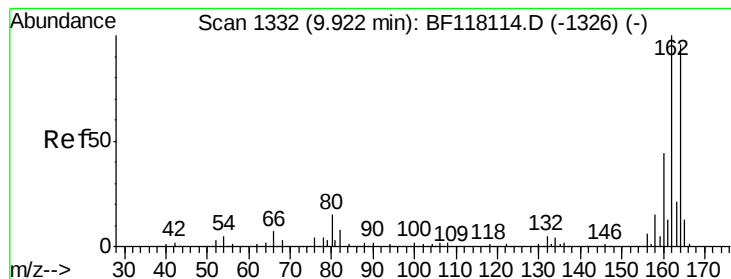
141 93.1 74.0 111.0

116 3.9 3.2 4.8



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1332

Delta R.T. 0.00 min

Lab File: BF118117.D

Acq: 6 Dec 2019 16:22

Instrument :

BNA_F

ClientSampleId :

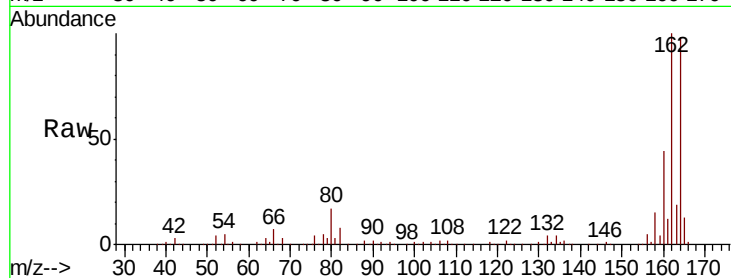
Tot Ion:164 Resp: 264407

Ion Ratio Lower Upper

164 100

162 101.6 83.4 125.0

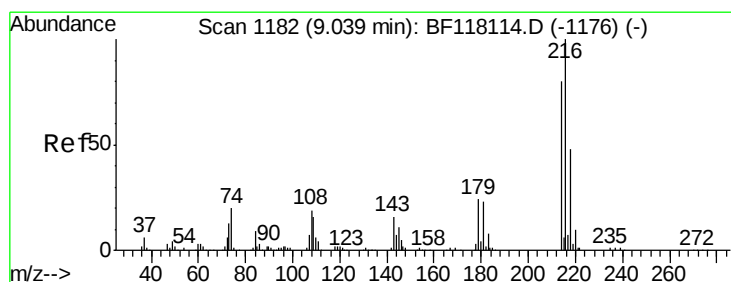
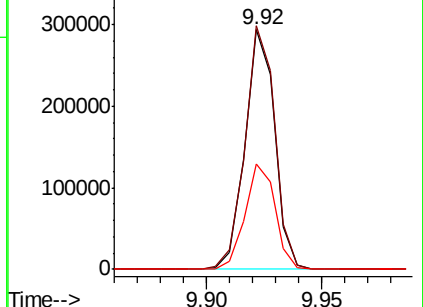
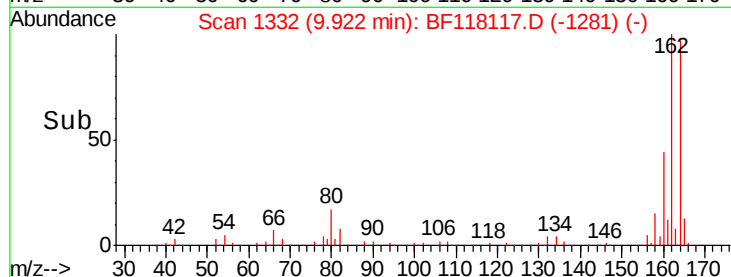
160 44.2 36.6 54.8



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: 79.816 ng

RT: 9.05 min Scan# 1183

Delta R.T. 0.01 min

Lab File: BF118117.D

Acq: 6 Dec 2019 16:22

Tgt Ion:216 Resp: 612880

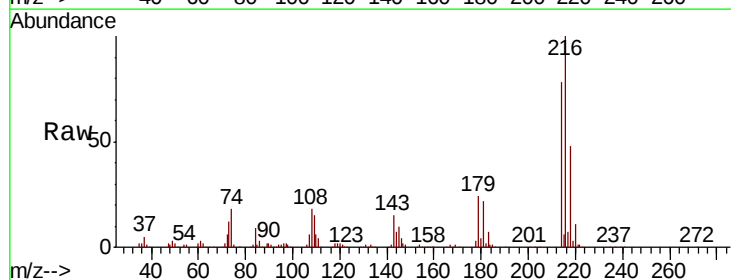
Ion Ratio Lower Upper

216 100

214 78.5 63.4 95.2

179 23.4 18.6 27.8

108 19.7 15.4 23.0

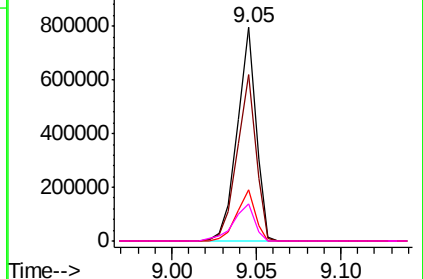
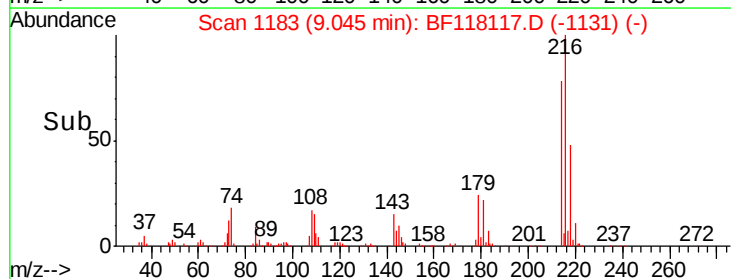


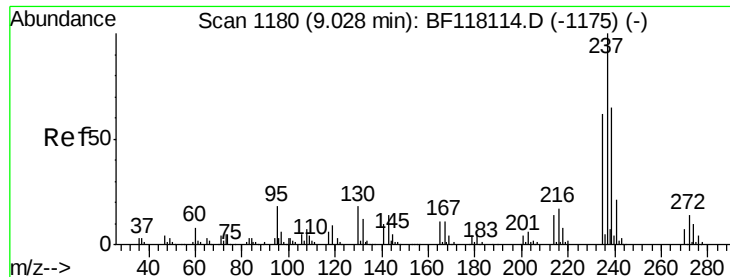
Abundance Ion 216.00 (215.70 to 216.70): E

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: 73.375 ng

RT: 9.03 min Scan# 1180

Delta R.T. 0.00 min

Lab File: BF118117.D

Acq: 6 Dec 2019 16:22

Instrument :

BNA_F

ClientSampled :

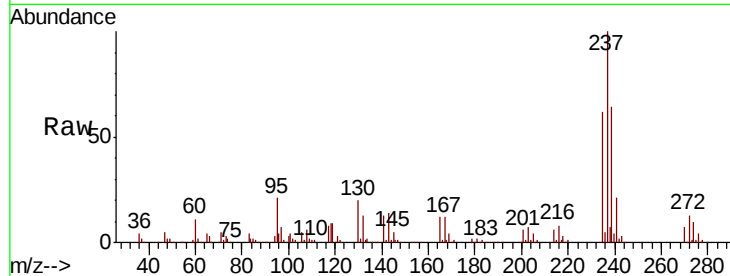
Tot Ion:237 Resp: 315742

Ion Ratio Lower Upper

237 100

235 61.6 41.5 81.5

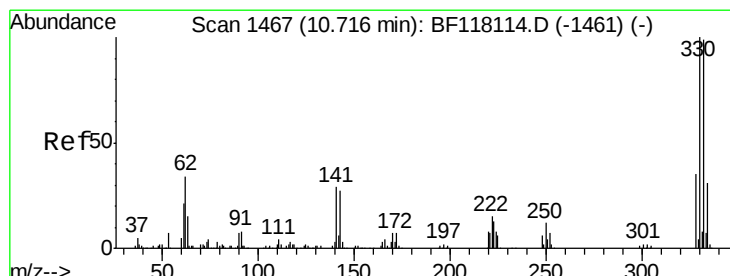
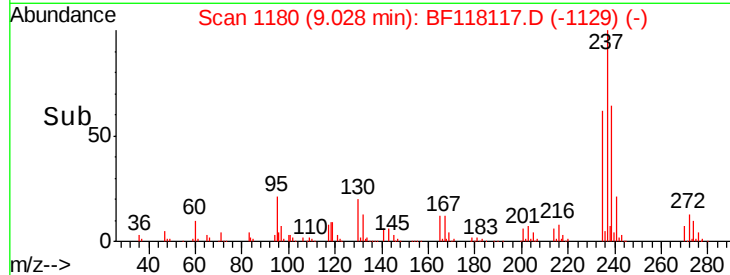
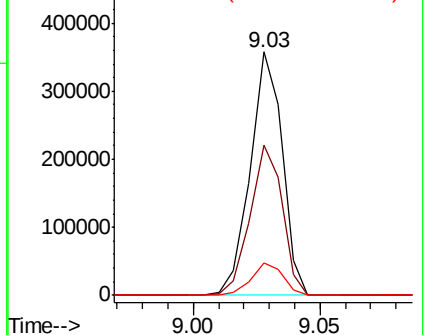
272 13.3 0.0 33.7



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: 176.266 ng

RT: 10.72 min Scan# 1468

Delta R.T. 0.01 min

Lab File: BF118117.D

Acq: 6 Dec 2019 16:22

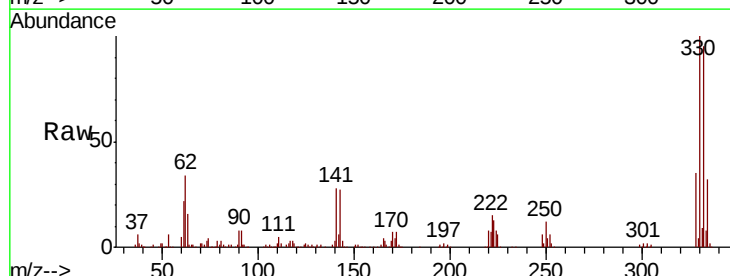
Tgt Ion:330 Resp: 493411

Ion Ratio Lower Upper

330 100

332 95.7 78.1 117.1

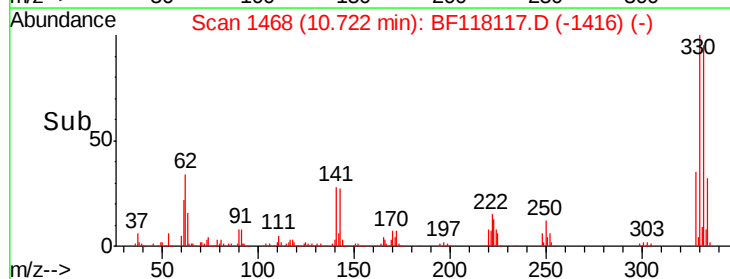
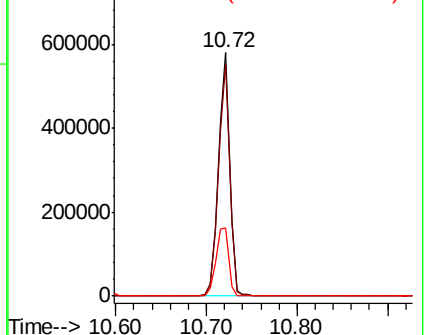
141 32.5 26.9 40.3

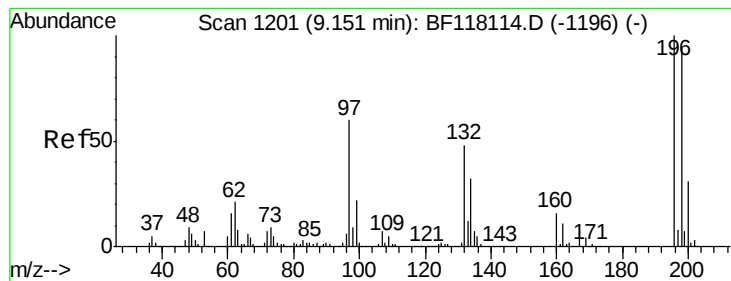


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 75.189 ng

RT: 9.16 min Scan# 1202

Delta R.T. 0.01 min

Lab File: BF118117.D

Acq: 6 Dec 2019 16:22

Instrument :

BNA_F

ClientSampled :

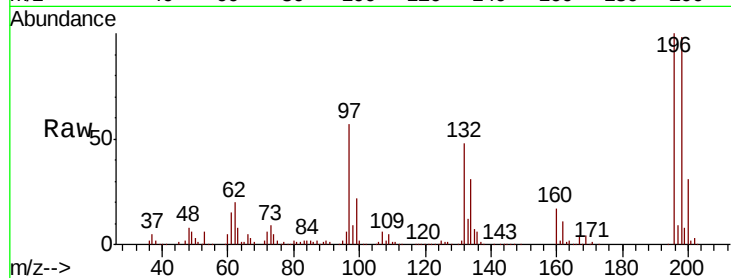
Tot Ion:196 Resp: 413533

Ion Ratio Lower Upper

196 100

198 97.5 75.0 112.4

200 31.2 24.5 36.7

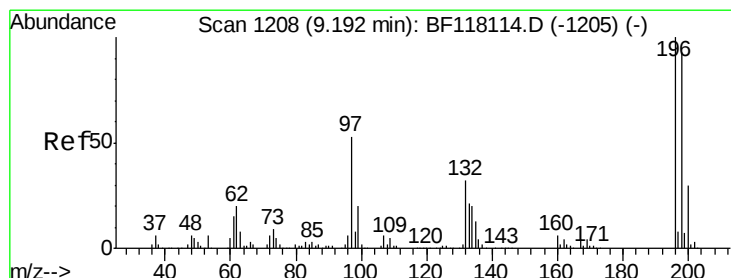
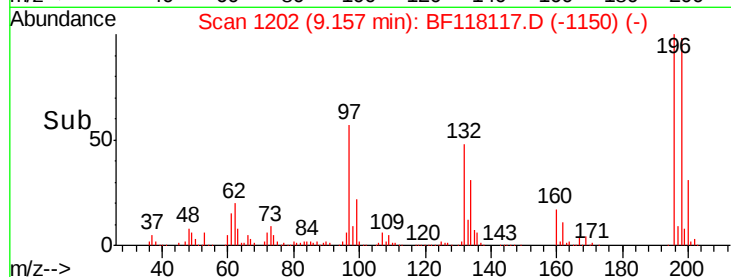
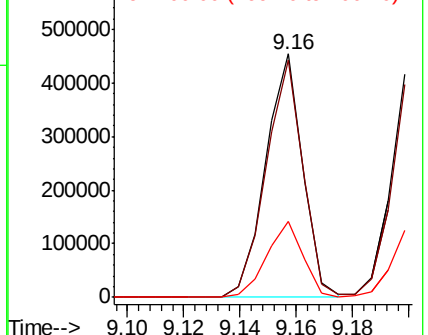


Abundance

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: 74.964 ng

RT: 9.20 min Scan# 1210

Delta R.T. 0.01 min

Lab File: BF118117.D

Acq: 6 Dec 2019 16:22

Tgt Ion:196 Resp: 428075

Ion Ratio Lower Upper

196 100

198 96.9 74.2 111.4

97 45.4 42.5 63.7

132 27.7 25.4 38.2

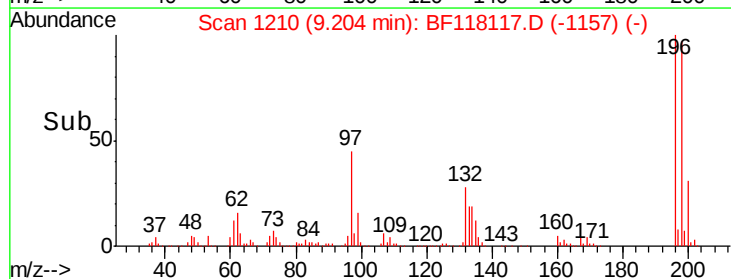
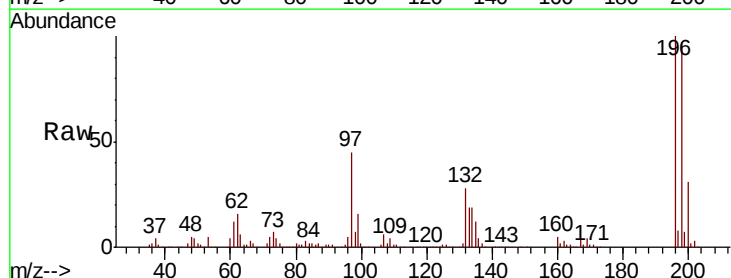
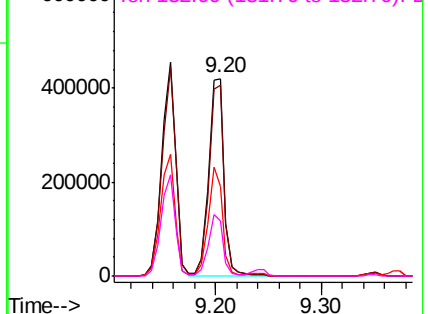
Abundance

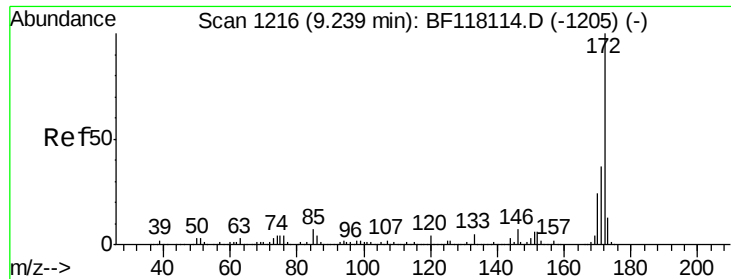
Ion 196.00 (195.70 to 196.70): E

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



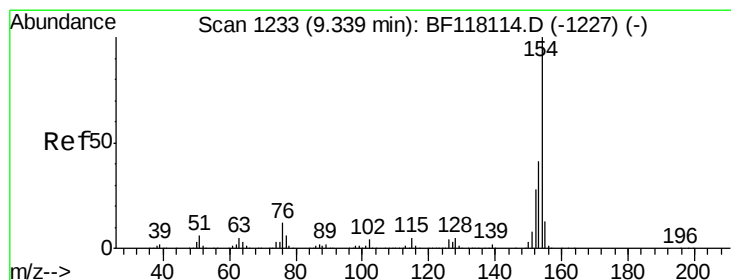
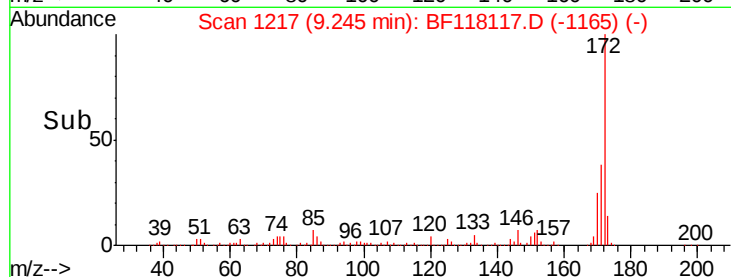
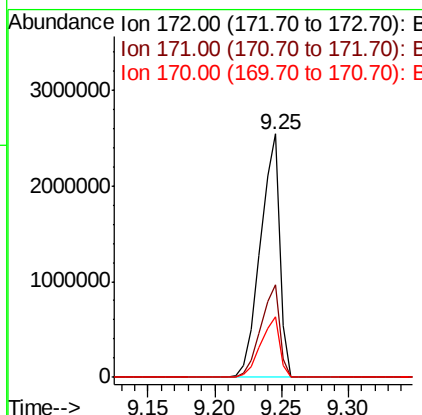
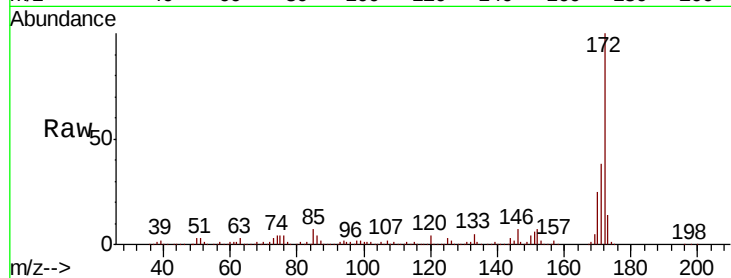


#45
 2-Fluorobiphenyl
 Concen: 170.981 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. 0.01 min
 Lab File: BF118117.D
 Acq: 6 Dec 2019 16:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 2519938

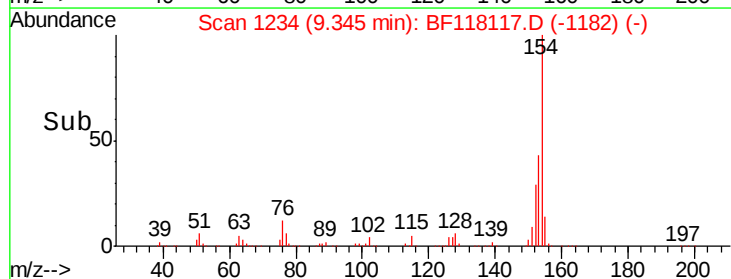
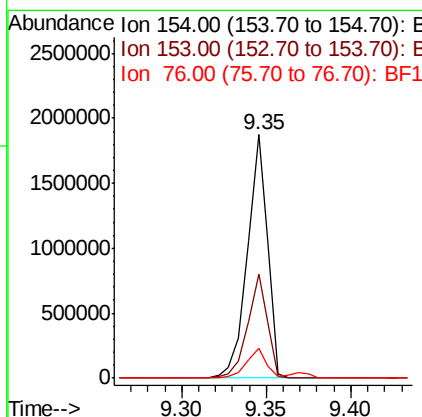
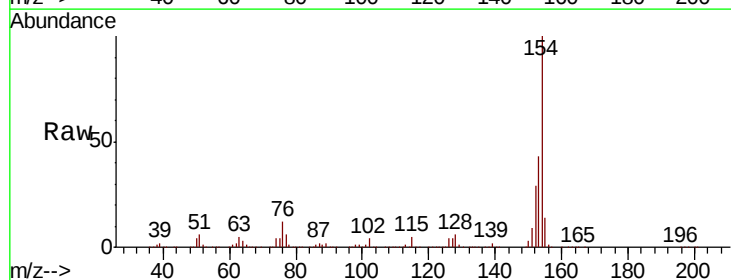
Ion	Ratio	Lower	Upper
172	100		
171	37.9	29.2	43.8
170	24.8	19.4	29.2



#46
 1,1'-Biphenyl
 Concen: 79.926 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. 0.01 min
 Lab File: BF118117.D
 Acq: 6 Dec 2019 16:22

Tgt Ion:154 Resp: 1567882

Ion	Ratio	Lower	Upper
154	100		
153	42.6	20.7	60.7
76	12.1	0.0	31.9





#47

2-Chloronaphthalene

Concen: 79.568 ng

RT: 9.37 min Scan# 1238

Delta R.T. 0.00 min

Lab File: BF118117.D

Acq: 6 Dec 2019 16:22

Instrument :
BNA_F
ClientSampleId :

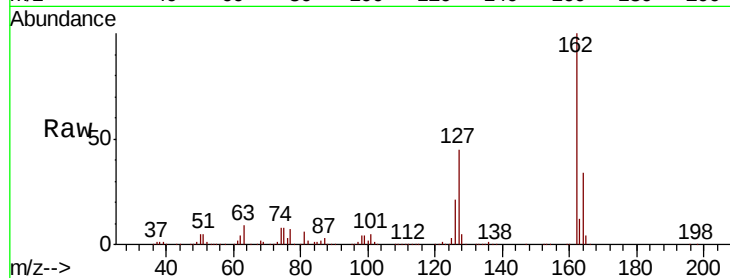
Tot Ion:162 Resp: 1284046

Ion Ratio Lower Upper

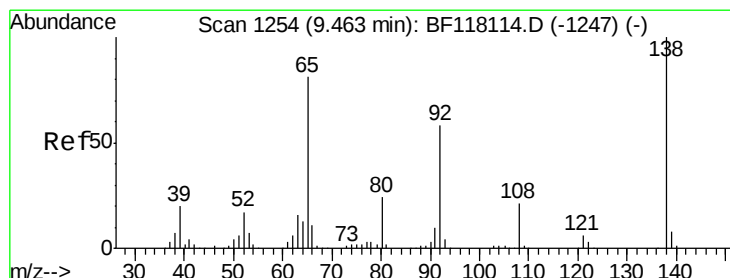
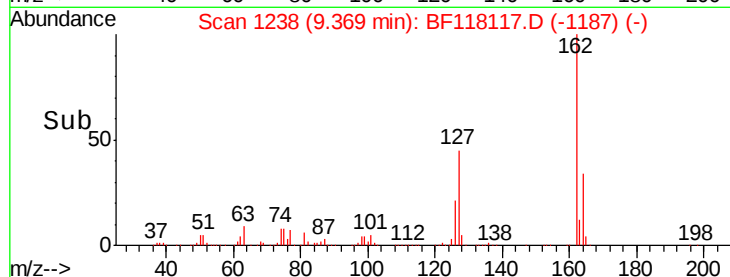
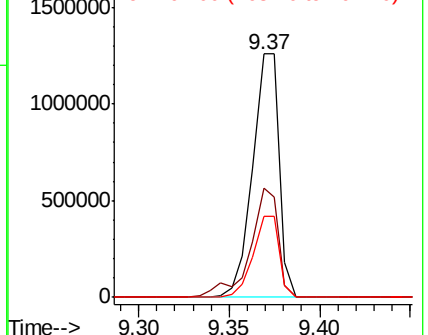
162 100

127 45.1 32.0 48.0

164 33.5 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: 77.484 ng

RT: 9.47 min Scan# 1255

Delta R.T. 0.01 min

Lab File: BF118117.D

Acq: 6 Dec 2019 16:22

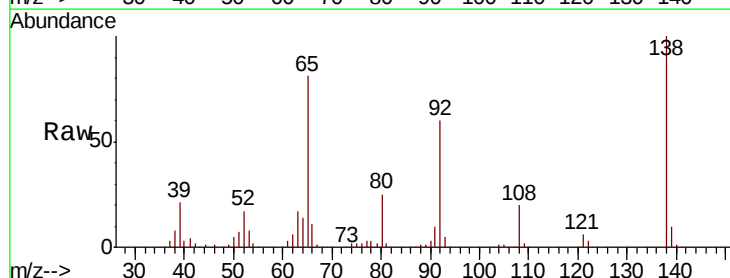
Tgt Ion: 65 Resp: 377503

Ion Ratio Lower Upper

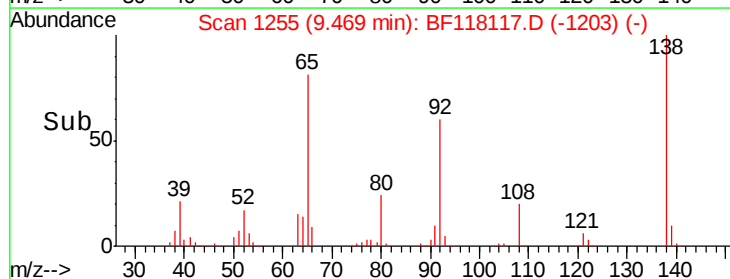
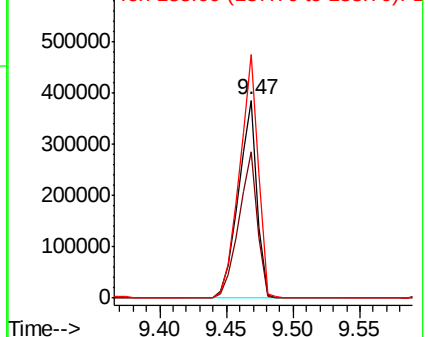
65 100

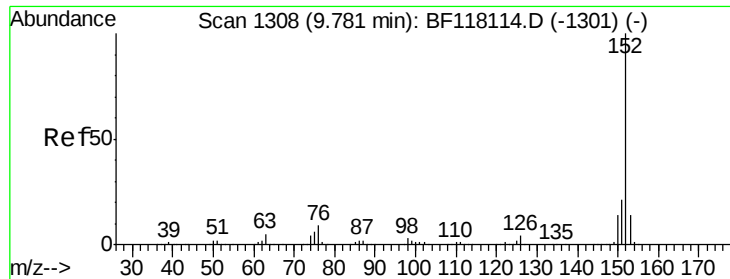
92 74.0 57.8 86.6

138 122.9 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: 80.089 ng

RT: 9.79 min Scan# 1309

Delta R.T. 0.01 min

Lab File: BF118117.D

Acq: 6 Dec 2019 16:22

Instrument :

BNA_F

ClientSampleId :

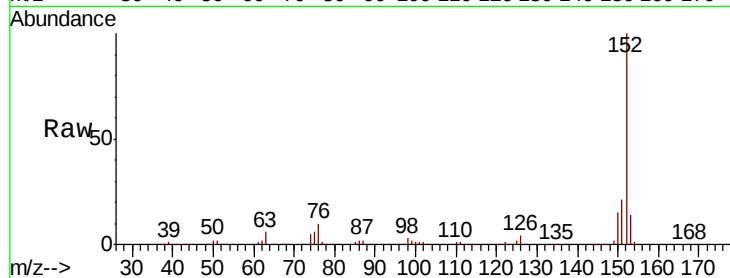
Tot Ion:152 Resp: 1884330

Ion Ratio Lower Upper

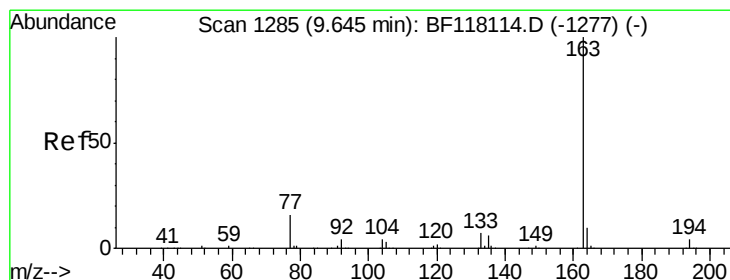
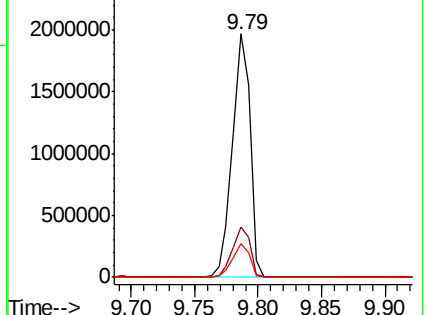
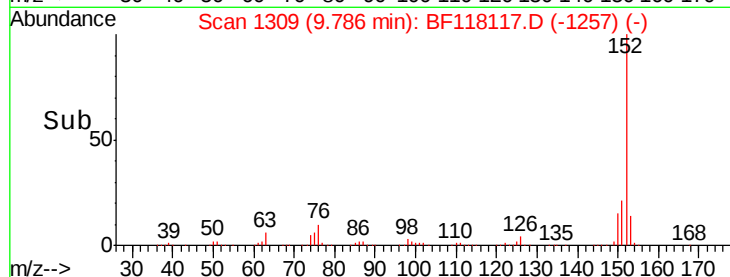
152 100

151 20.8 16.4 24.6

153 13.9 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: 81.299 ng

RT: 9.65 min Scan# 1286

Delta R.T. 0.01 min

Lab File: BF118117.D

Acq: 6 Dec 2019 16:22

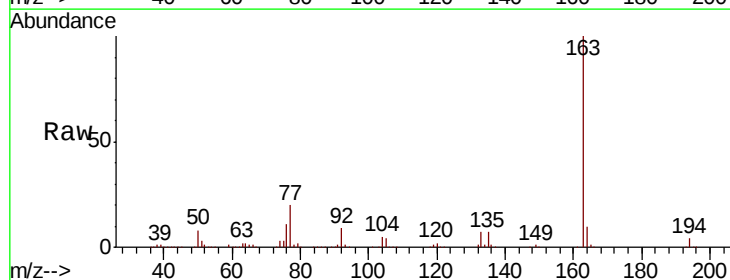
Tgt Ion:163 Resp: 1507390

Ion Ratio Lower Upper

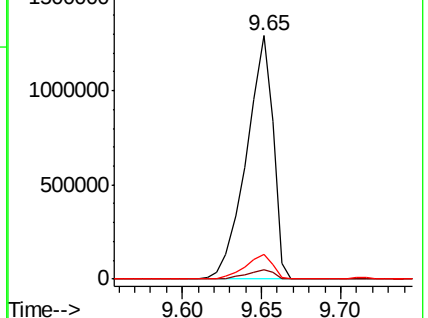
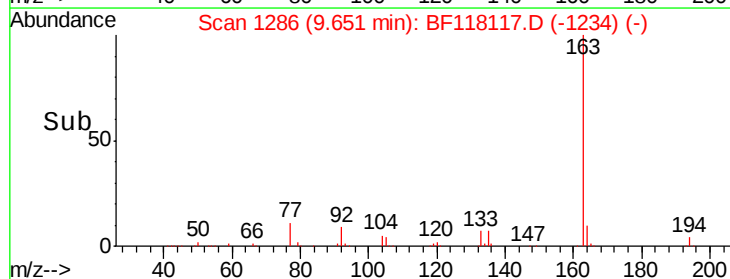
163 100

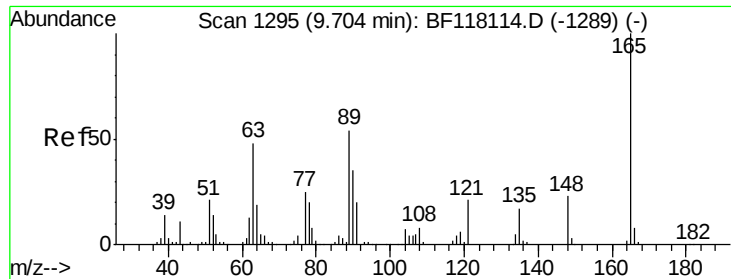
194 3.9 3.1 4.7

164 10.4 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

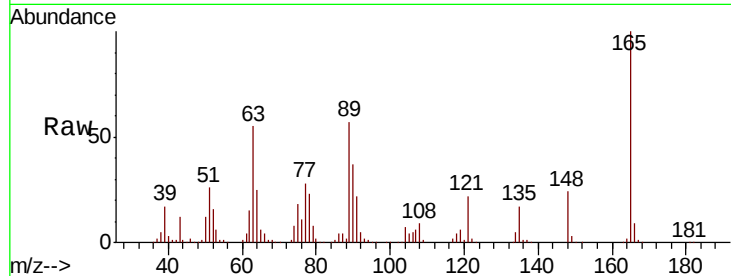




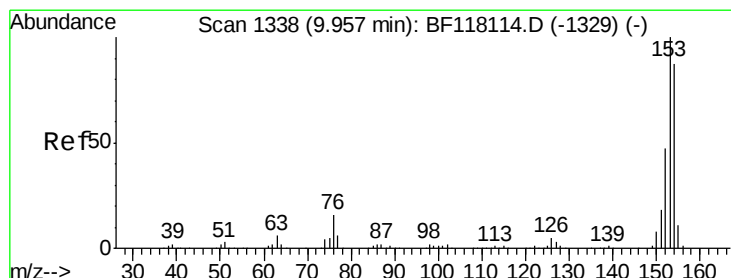
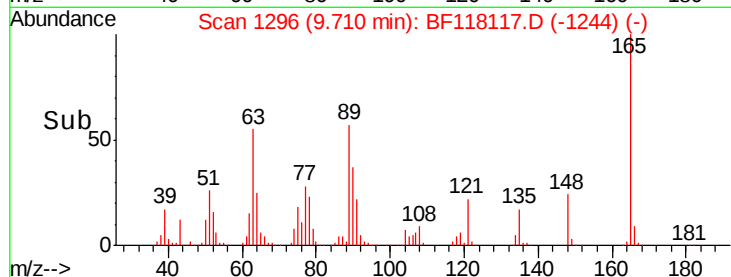
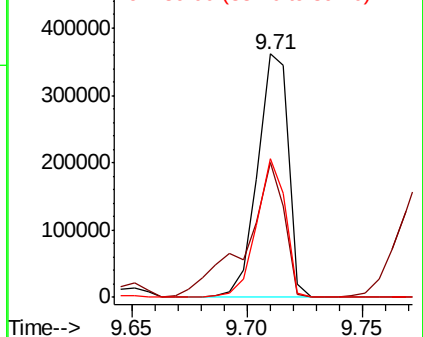
#51
2,6-Dinitrotoluene
Concen: 83.080 ng
RT: 9.71 min Scan# 1296
Delta R.T. 0.01 min
Lab File: BF118117.D
Acq: 6 Dec 2019 16:22

Instrument :
BNA_F
ClientSampled :

Tot Ion:165 Resp: 336665
Ion Ratio Lower Upper
165 100
63 55.3 41.4 62.0
89 56.9 42.9 64.3

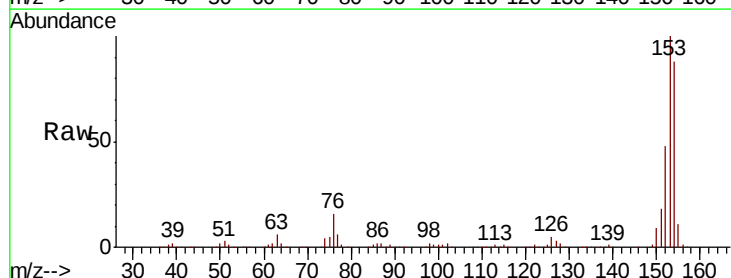


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

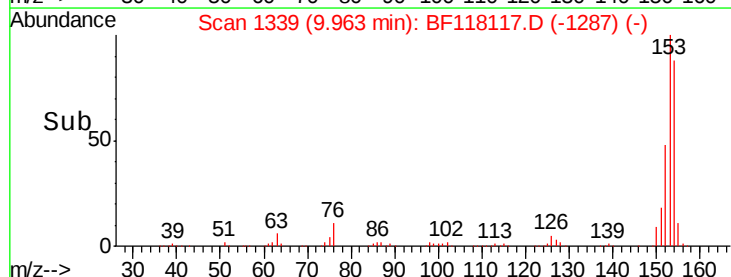
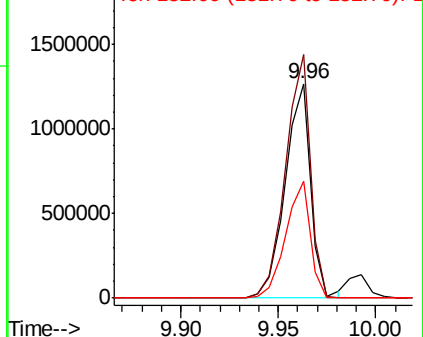


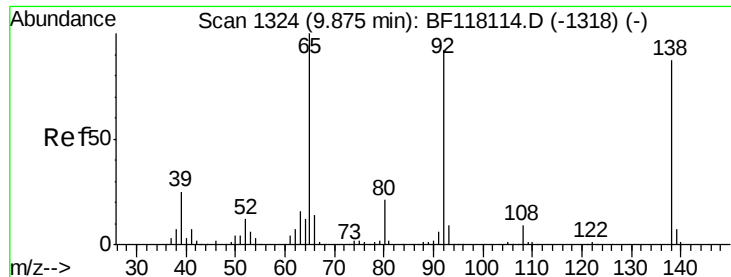
#52
Acenaphthene
Concen: 76.087 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.01 min
Lab File: BF118117.D
Acq: 6 Dec 2019 16:22

Tgt Ion:154 Resp: 1146780
Ion Ratio Lower Upper
154 100
153 113.4 91.8 137.6
152 54.4 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

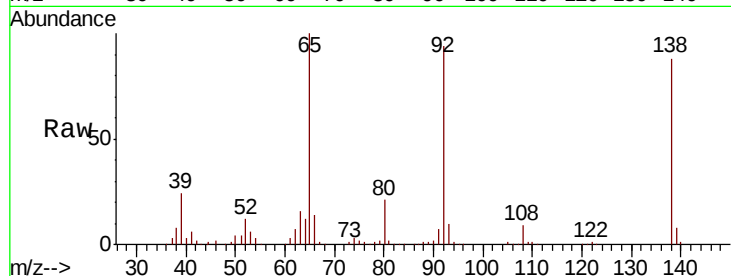




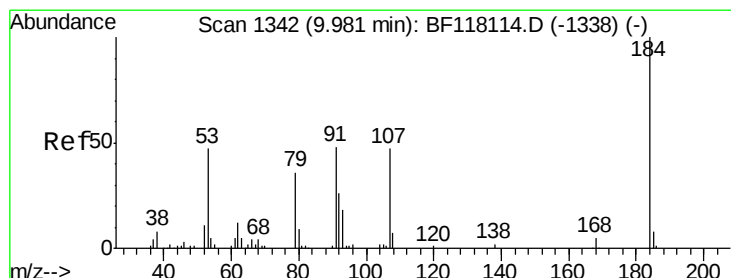
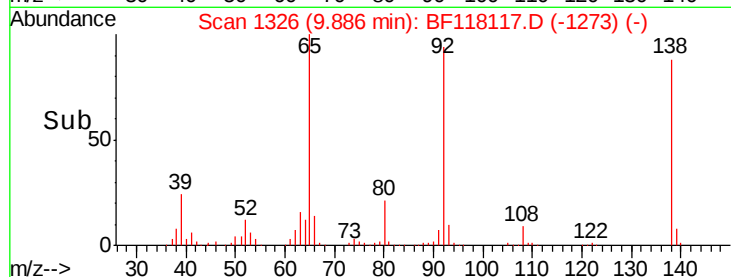
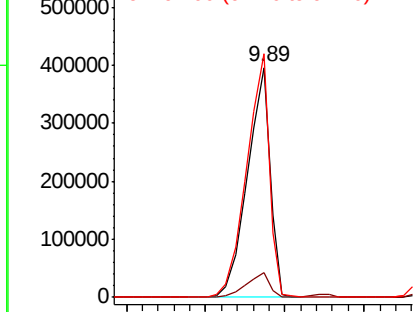
#53
3-Nitroaniline
Concen: 81.179 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.01 min
Lab File: BF118117.D
Acq: 6 Dec 2019 16:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 393625
Ion Ratio Lower Upper
138 100
108 10.6 8.2 12.4
92 106.0 84.9 127.3

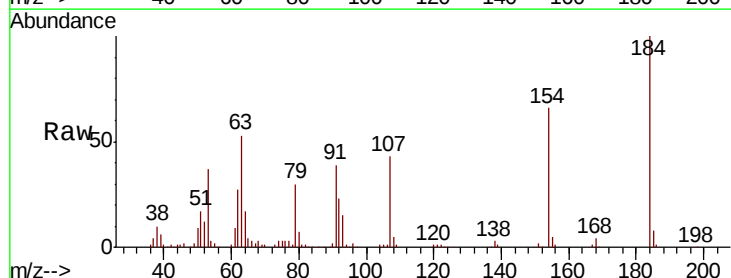


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

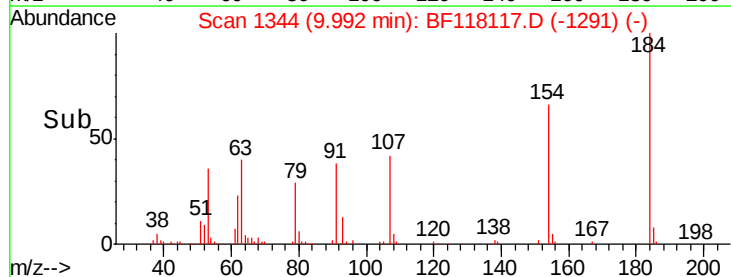
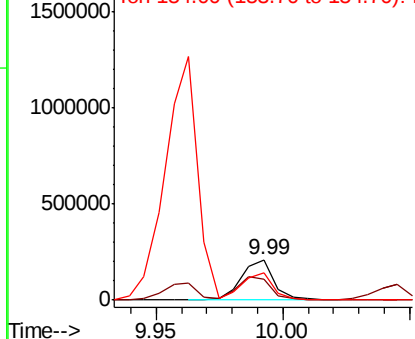


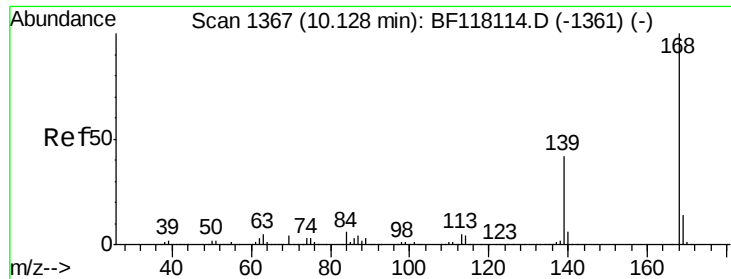
#54
2,4-Dinitrophenol
Concen: 104.702 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BF118117.D
Acq: 6 Dec 2019 16:22

Tgt Ion:184 Resp: 188351
Ion Ratio Lower Upper
184 100
63 53.3 53.9 80.9#
154 66.4 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: 79.205 ng

RT: 10.13 min Scan# 1368

Delta R.T. 0.01 min

Lab File: BF118117.D

Acq: 6 Dec 2019 16:22

Instrument :

BNA_F

ClientSampleId :

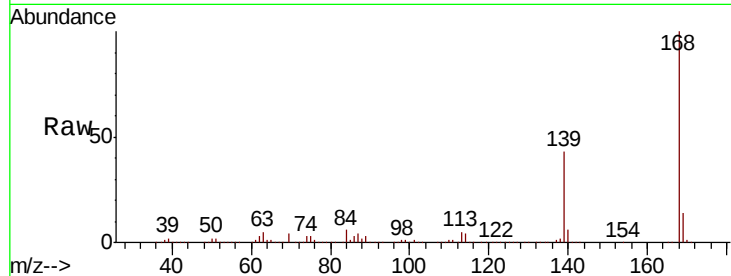
Tot Ion:168 Resp: 1653081

Ion Ratio Lower Upper

168 100

139 42.5 33.4 50.0

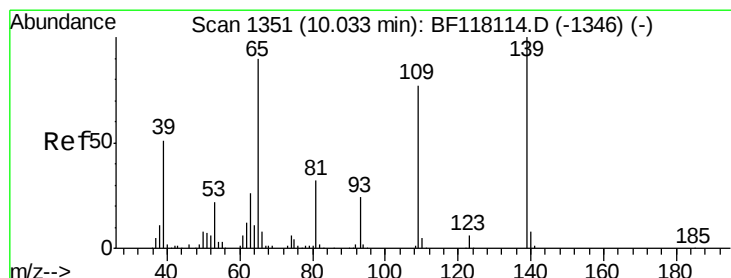
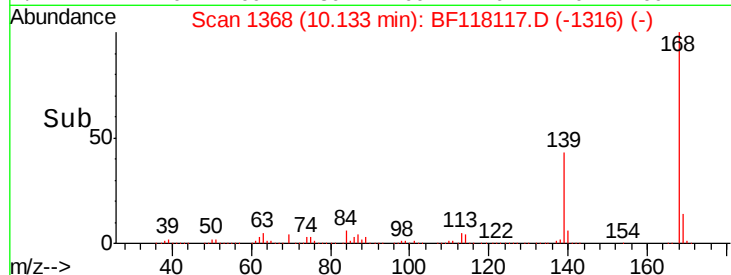
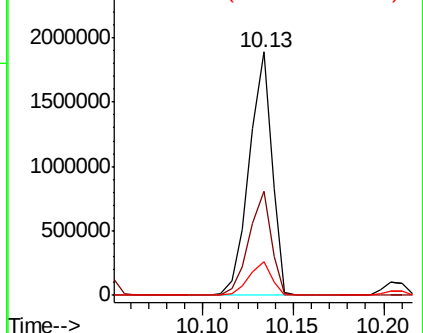
169 14.0 11.0 16.6



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: 76.950 ng

RT: 10.05 min Scan# 1353

Delta R.T. 0.01 min

Lab File: BF118117.D

Acq: 6 Dec 2019 16:22

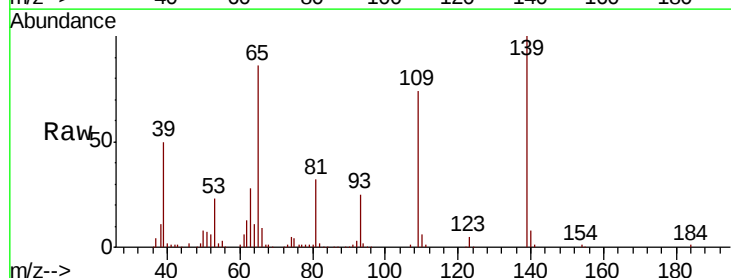
Tgt Ion:139 Resp: 278507

Ion Ratio Lower Upper

139 100

109 74.5 57.3 97.3

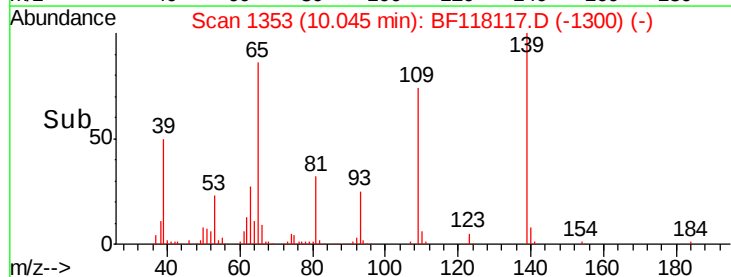
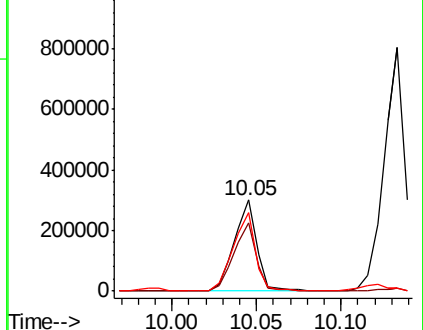
65 85.9 70.2 110.2

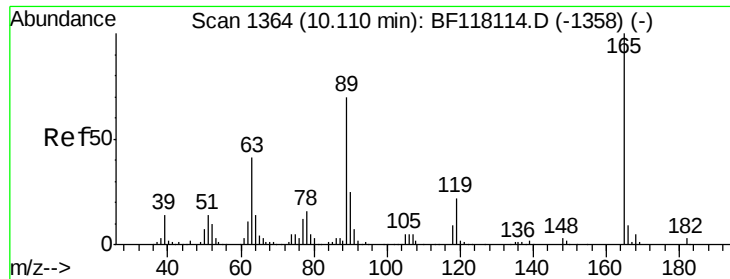


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

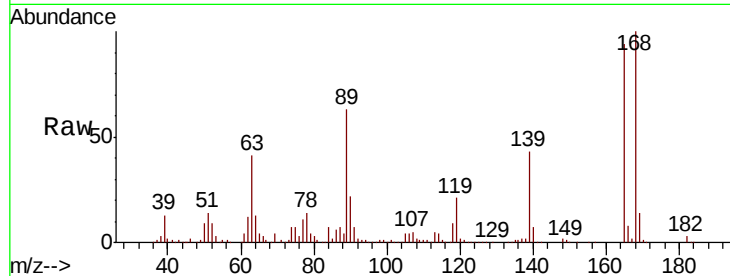




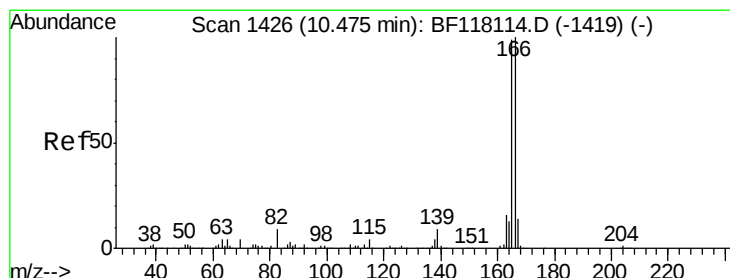
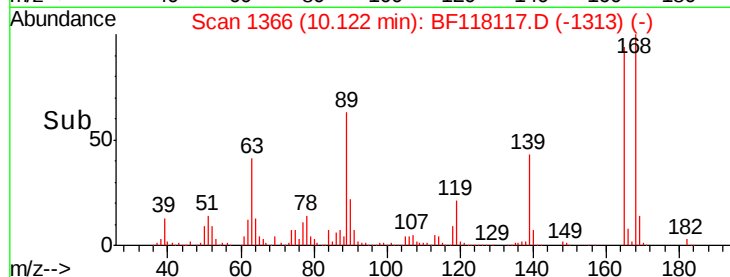
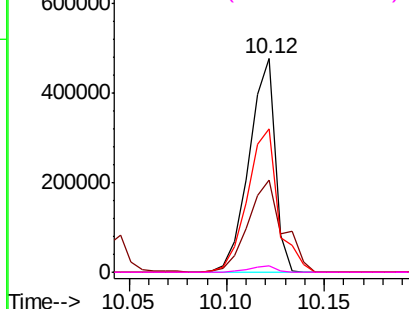
#57
2,4-Dinitrotoluene
Concen: 85.945 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.01 min
Lab File: BF118117.D
Acq: 6 Dec 2019 16:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	43.4	32.6	49.0
89	67.0	56.1	84.1
182	2.8	2.1	3.1

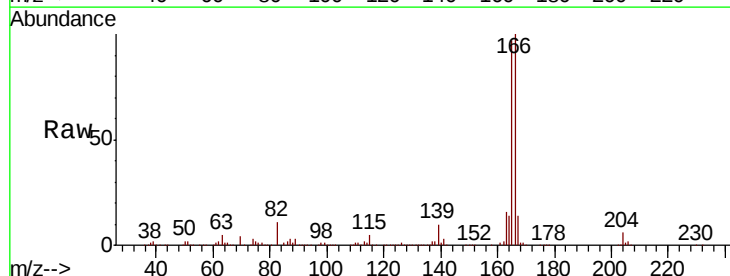


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

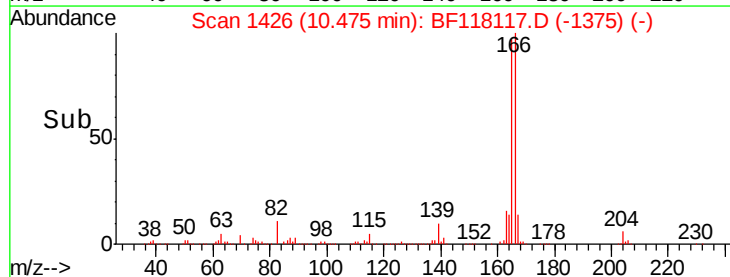
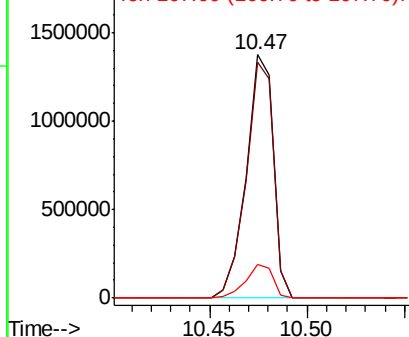


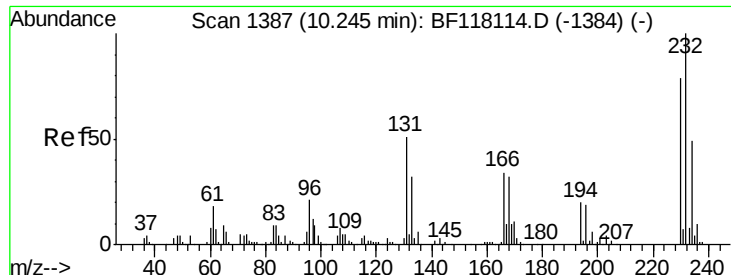
#58
Fluorene
Concen: 82.116 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BF118117.D
Acq: 6 Dec 2019 16:22

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.7	79.0	118.4
167	13.6	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

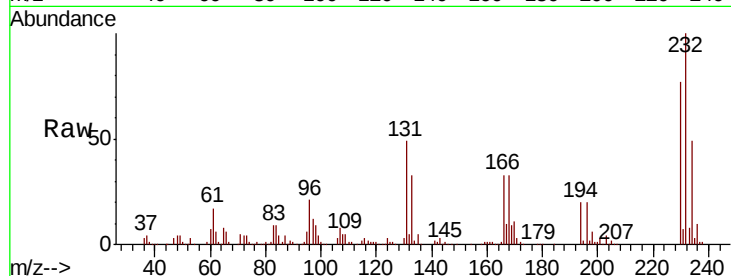




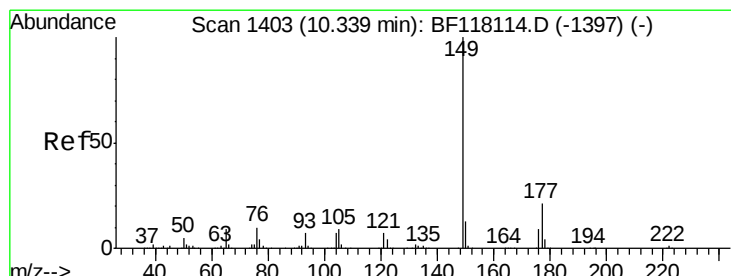
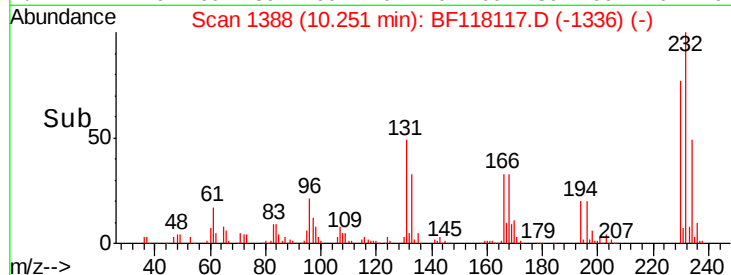
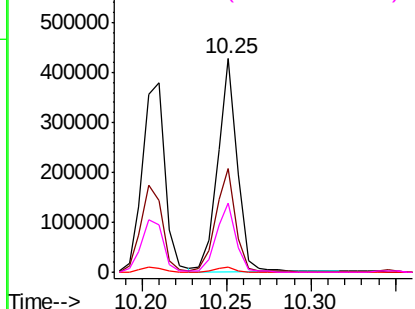
#59
2,3,4,6-Tetrachlorophenol
Concen: 73.664 ng
RT: 10.25 min Scan# 1388
Delta R.T. 0.01 min
Lab File: BF118117.D
Acq: 6 Dec 2019 16:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:232 Resp: 345629
Ion Ratio Lower Upper
232 100
131 49.5 38.8 58.2
130 2.6 1.9 2.9
166 32.9 25.4 38.0

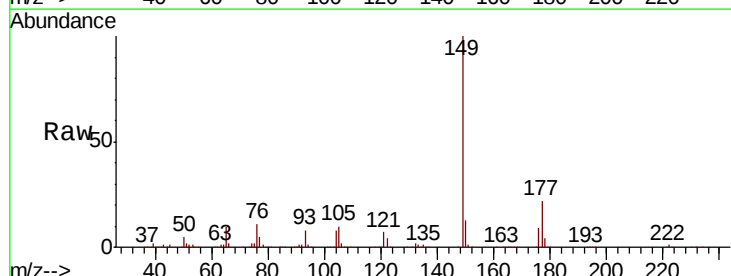


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

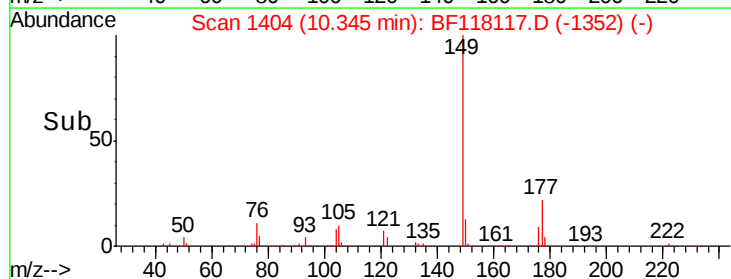
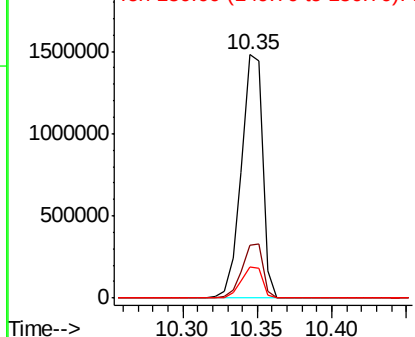


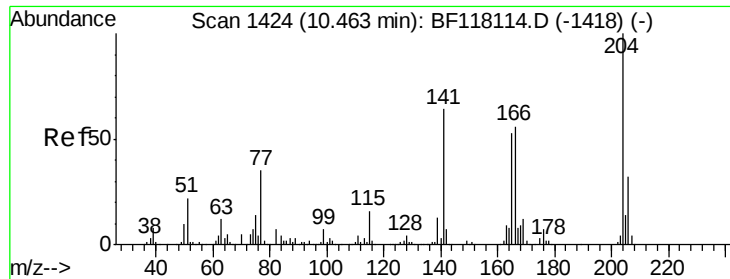
#60
Diethylphthalate
Concen: 81.304 ng
RT: 10.35 min Scan# 1404
Delta R.T. 0.01 min
Lab File: BF118117.D
Acq: 6 Dec 2019 16:22

Tgt Ion:149 Resp: 1469699
Ion Ratio Lower Upper
149 100
177 21.6 17.0 25.4
150 12.9 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

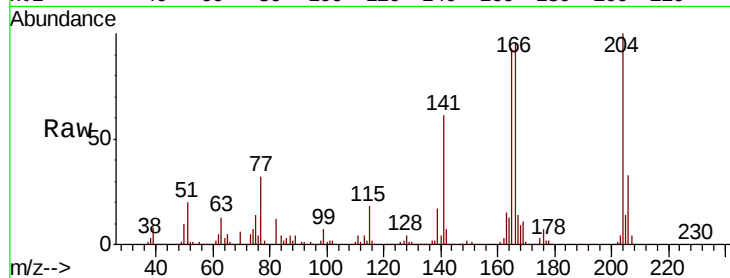




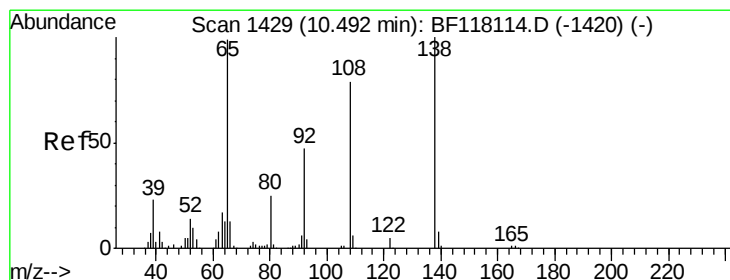
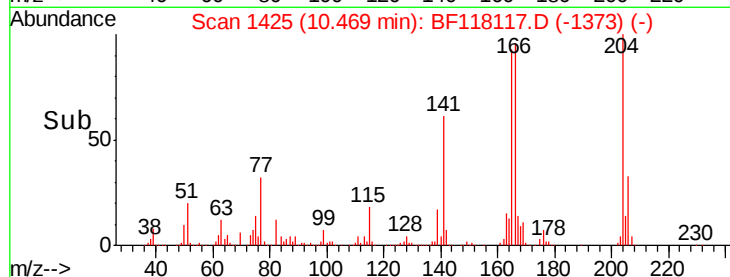
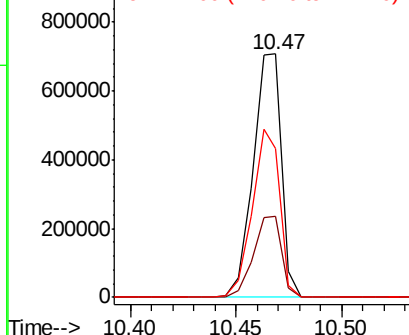
#61
4-Chlorophenyl-phenylether
Concen: 80.498 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BF118117.D
Acq: 6 Dec 2019 16:22

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 660709
Ion Ratio Lower Upper
204 100
206 33.2 26.0 39.0
141 61.3 51.0 76.6

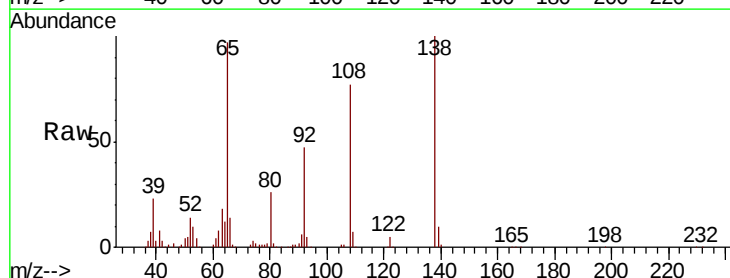


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

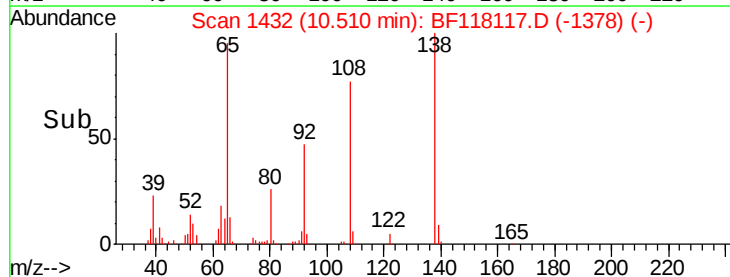
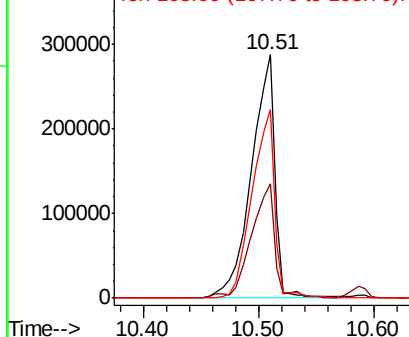


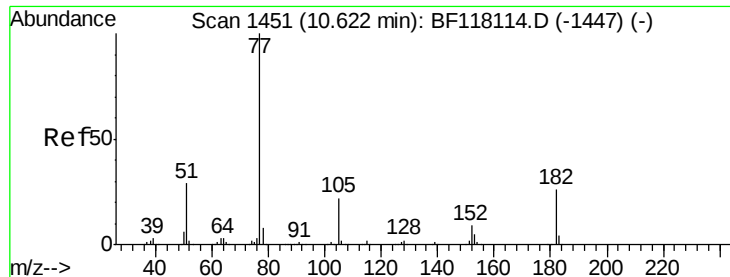
#62
4-Nitroaniline
Concen: 84.558 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.02 min
Lab File: BF118117.D
Acq: 6 Dec 2019 16:22

Tgt Ion:138 Resp: 410525
Ion Ratio Lower Upper
138 100
92 47.0 27.1 67.1
108 77.2 59.0 99.0



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





#63

Azobenzene

Concen: 75.980 ng

RT: 10.63 min Scan# 1452

Delta R.T. 0.01 min

Lab File: BF118117.D

Acq: 6 Dec 2019 16:22

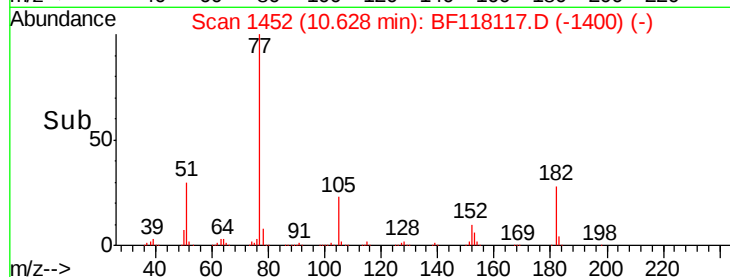
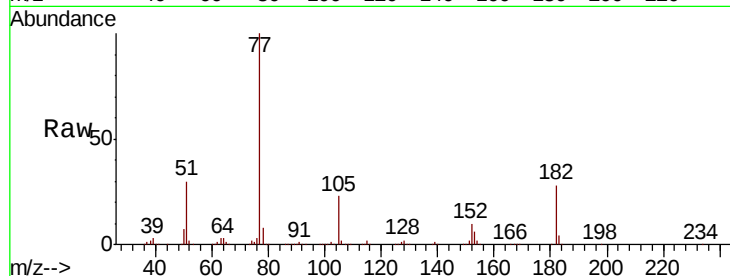
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1249529

Ion	Ratio	Lower	Upper
77	100		
182	27.5	5.7	45.7
105	22.8	2.2	42.2
51	29.6	9.6	49.6

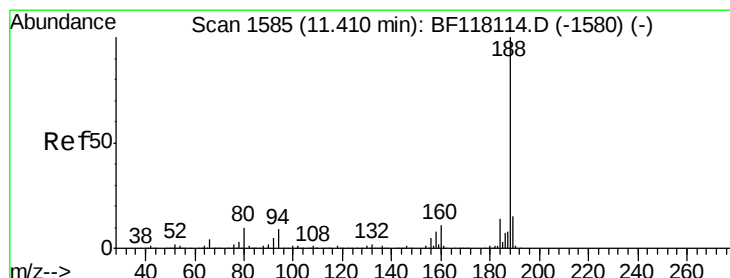


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.42 min Scan# 1586

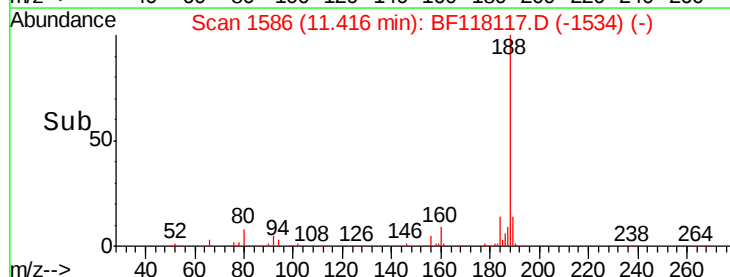
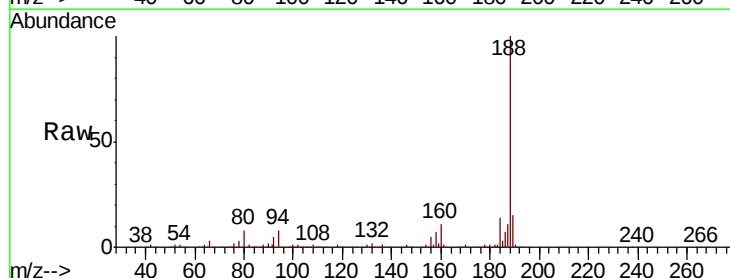
Delta R.T. 0.01 min

Lab File: BF118117.D

Acq: 6 Dec 2019 16:22

Tgt Ion: 188 Resp: 489479

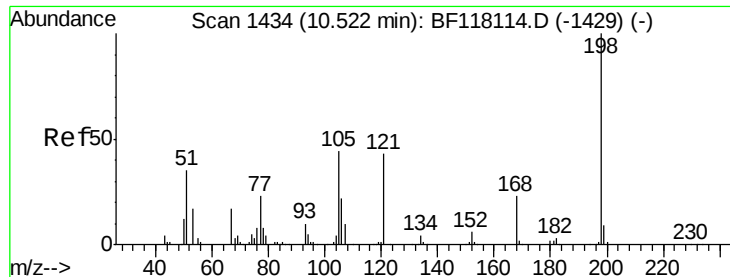
Ion	Ratio	Lower	Upper
188	100		
94	7.7	7.1	10.7
80	8.3	7.9	11.9



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: 101.536 ng

RT: 10.53 min Scan# 1436

Delta R.T. 0.01 min

Lab File: BF118117.D

Acq: 6 Dec 2019 16:22

Instrument :

BNA_F

ClientSampled :

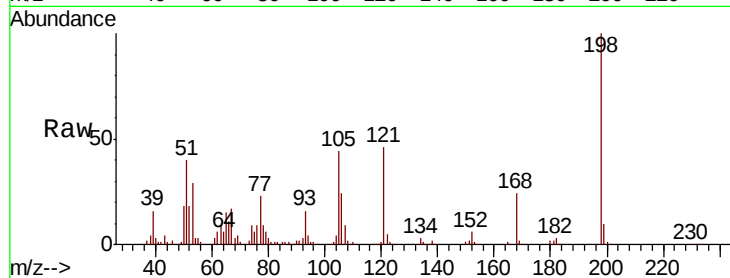
Tot Ion:198 Resp: 232017

Ion	Ratio	Lower	Upper
198	100		
51	40.4	22.0	62.0
105	43.9	25.6	65.6

198 100

51 40.4 22.0 62.0

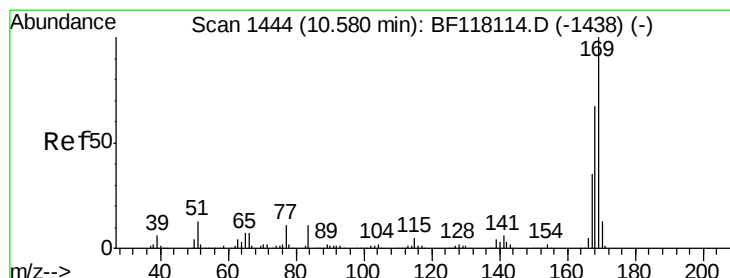
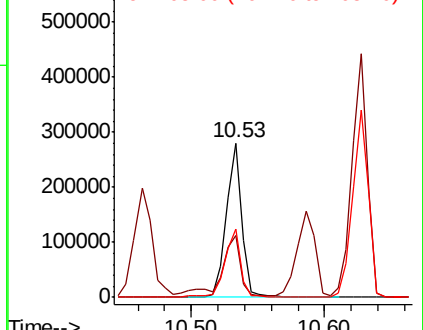
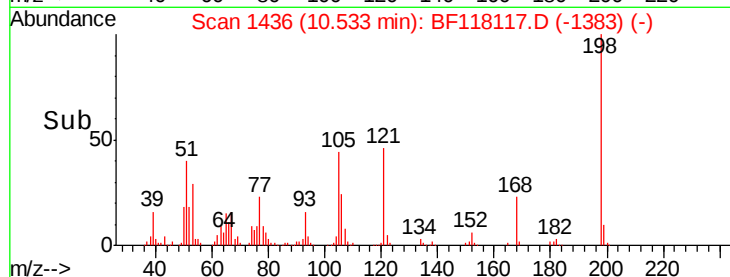
105 43.9 25.6 65.6



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: 83.544 ng

RT: 10.59 min Scan# 1445

Delta R.T. 0.01 min

Lab File: BF118117.D

Acq: 6 Dec 2019 16:22

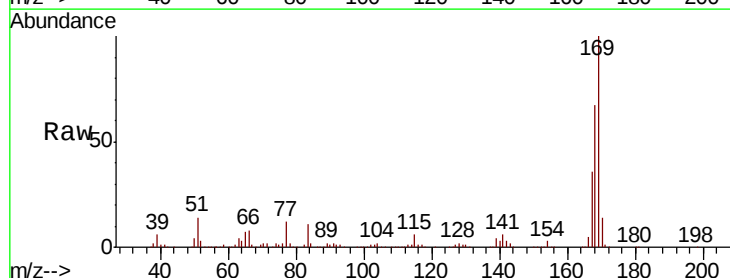
Tgt Ion:169 Resp: 1190102

Ion	Ratio	Lower	Upper
169	100		
168	66.8	53.4	80.2
167	35.9	28.4	42.6

169 100

168 66.8 53.4 80.2

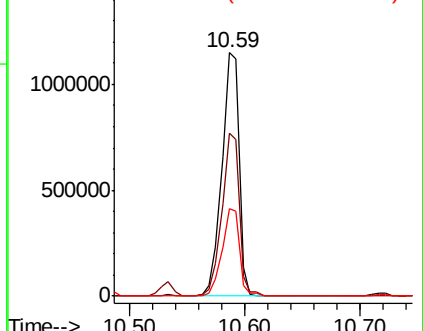
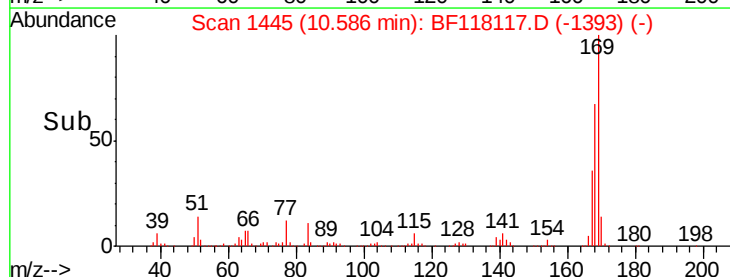
167 35.9 28.4 42.6

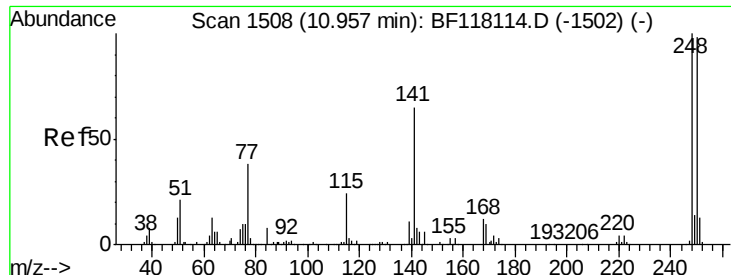


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

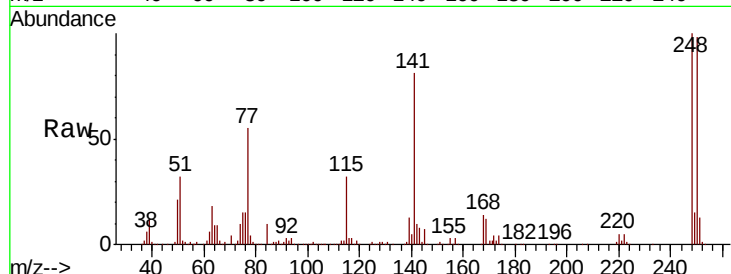




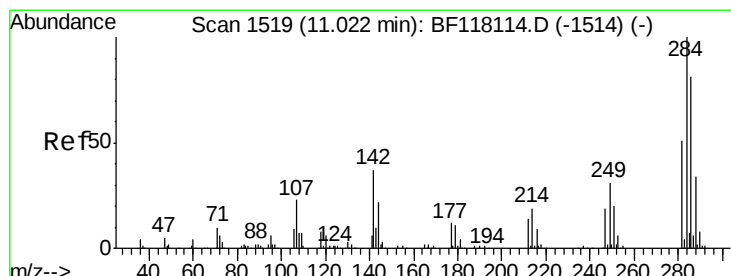
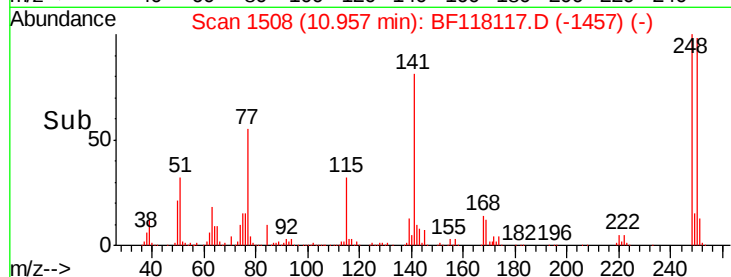
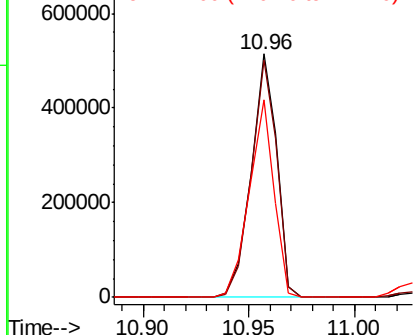
#67
4-Bromophenyl-phenylether
Concen: 82.060 ng
RT: 10.96 min Scan# 1508
Delta R.T. 0.00 min
Lab File: BF118117.D
Acq: 6 Dec 2019 16:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 433393
Ion Ratio Lower Upper
248 100
250 97.5 78.3 117.5
141 81.4 52.2 78.4#

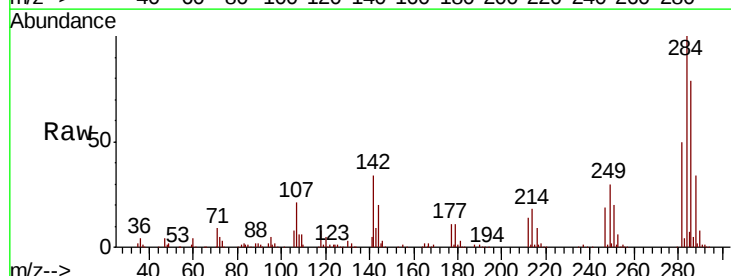


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

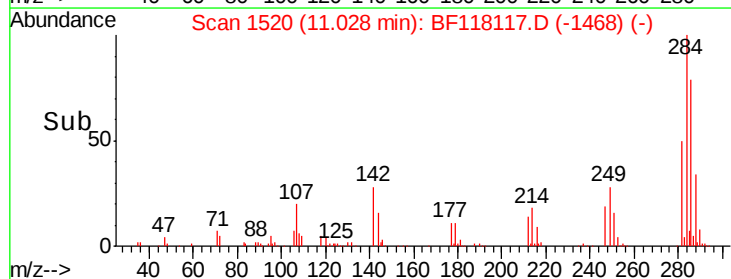
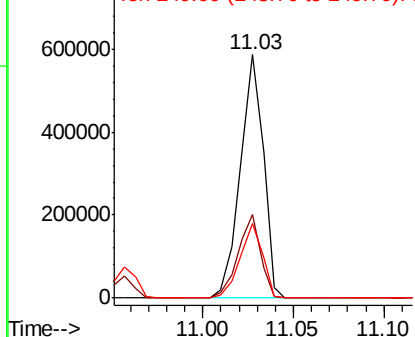


#68
Hexachlorobenzene
Concen: 84.143 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.01 min
Lab File: BF118117.D
Acq: 6 Dec 2019 16:22

Tgt Ion:284 Resp: 518185
Ion Ratio Lower Upper
284 100
142 34.1 29.7 44.5
249 30.4 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

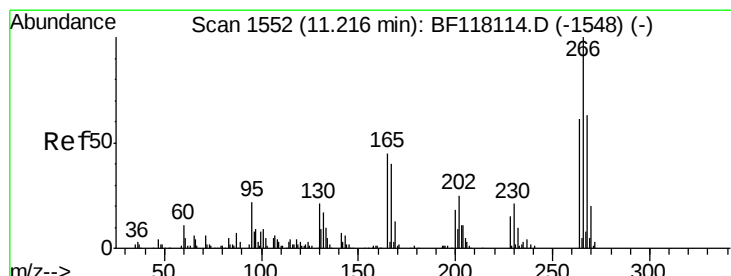
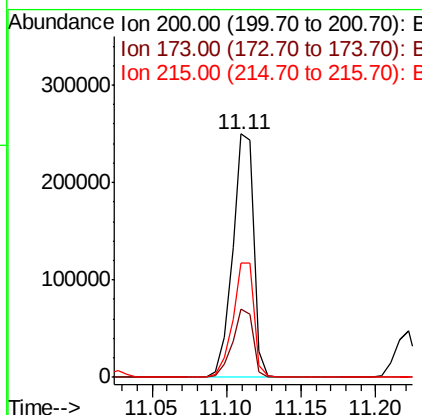
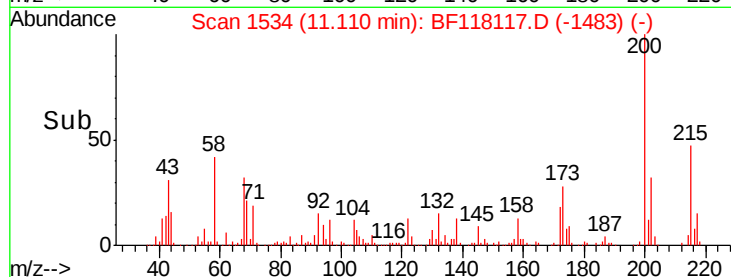
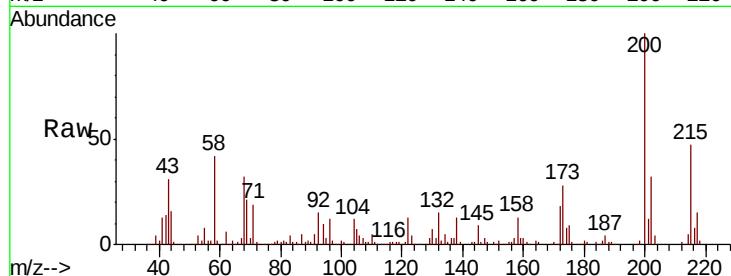




#69
Atrazine
Concen: 53.145 ng
RT: 11.11 min Scan# 1534
Delta R.T. 0.00 min
Lab File: BF118117.D
Acq: 6 Dec 2019 16:22

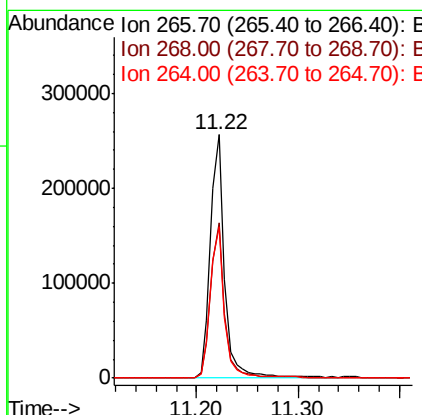
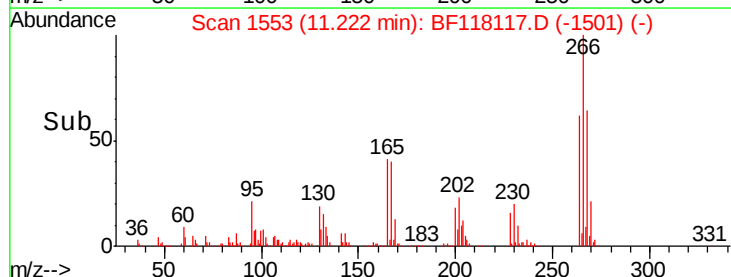
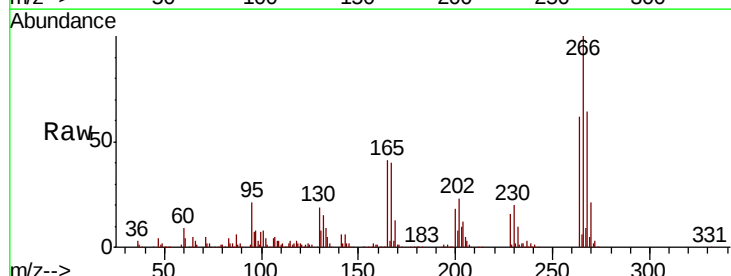
Instrument :
BNA_F
ClientSampleId :

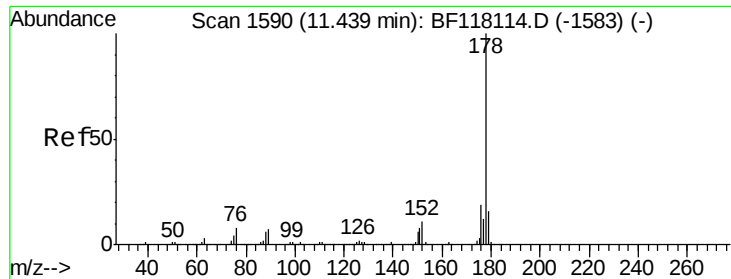
Tot Ion:200 Resp: 249039
Ion Ratio Lower Upper
200 100
173 28.2 8.1 48.1
215 46.7 29.0 69.0



#70
Pentachlorophenol
Concen: 70.499 ng
RT: 11.22 min Scan# 1553
Delta R.T. 0.01 min
Lab File: BF118117.D
Acq: 6 Dec 2019 16:22

Tgt Ion:266 Resp: 253650
Ion Ratio Lower Upper
266 100
268 63.7 50.7 76.1
264 62.3 48.7 73.1





#71

Phenanthrene

Concen: 79.873 ng

RT: 11.45 min Scan# 1591

Delta R.T. 0.01 min

Lab File: BF118117.D

Acq: 6 Dec 2019 16:22

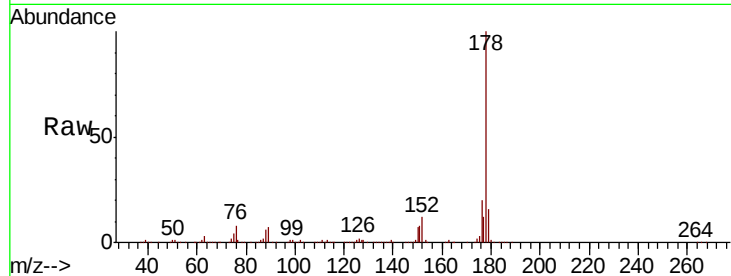
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 1965616

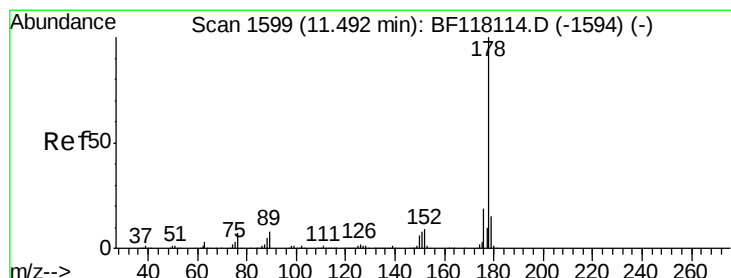
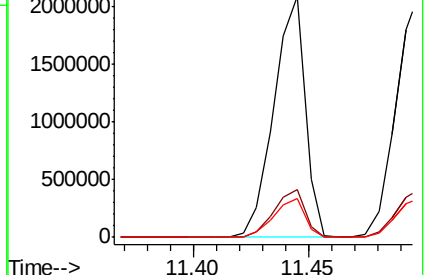
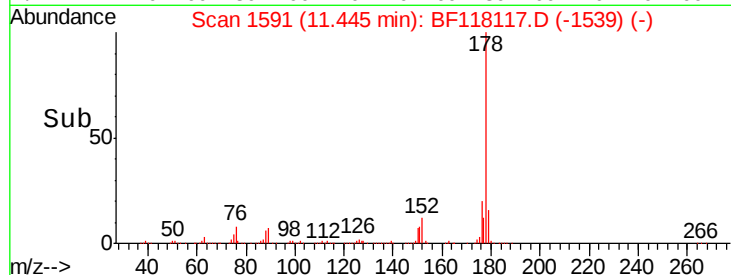
Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.5	23.3
179	15.9	12.6	18.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 79.685 ng

RT: 11.50 min Scan# 1600

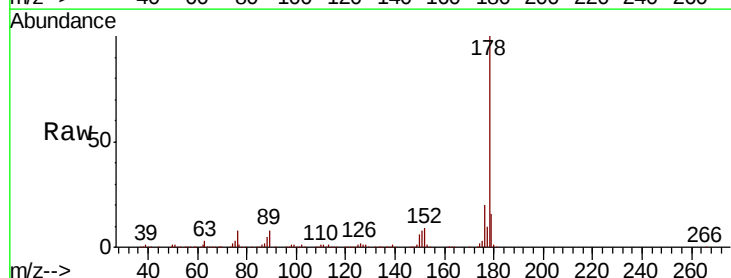
Delta R.T. 0.01 min

Lab File: BF118117.D

Acq: 6 Dec 2019 16:22

Tgt Ion:178 Resp: 1944295

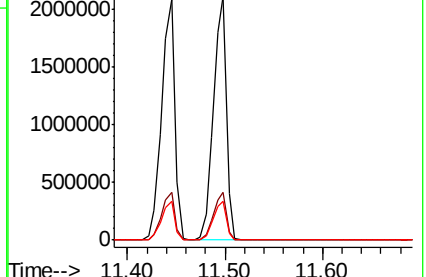
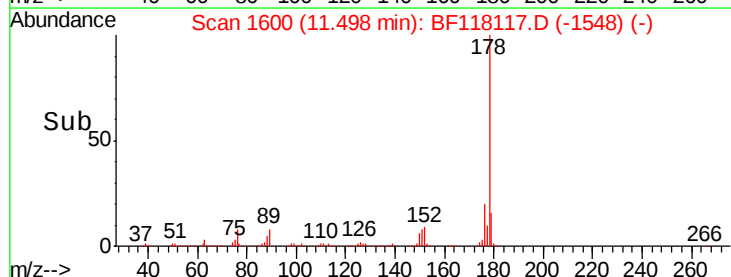
Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.0	22.6
179	16.0	12.2	18.4

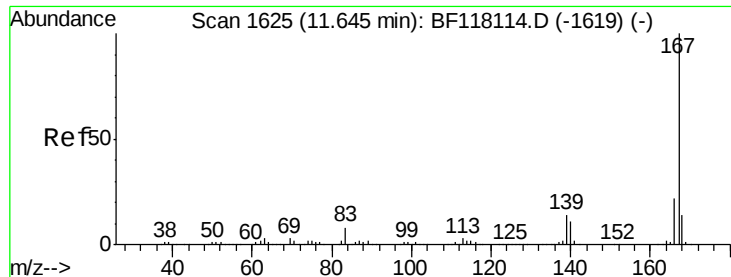


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 82.284 ng

RT: 11.65 min Scan# 1626

Delta R.T. 0.01 min

Lab File: BF118117.D

Acq: 6 Dec 2019 16:22

Instrument :

BNA_F

ClientSampled :

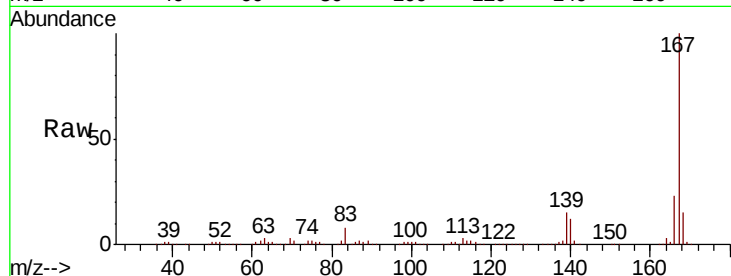
Tot Ion:167 Resp: 1754444

Ion Ratio Lower Upper

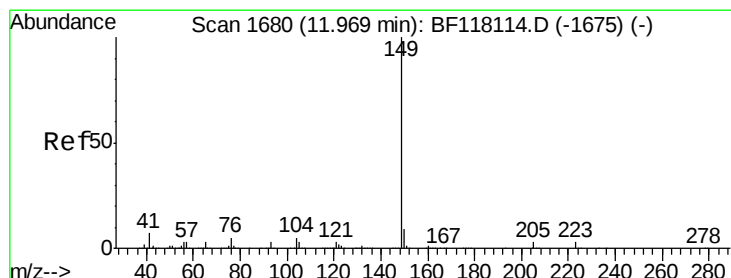
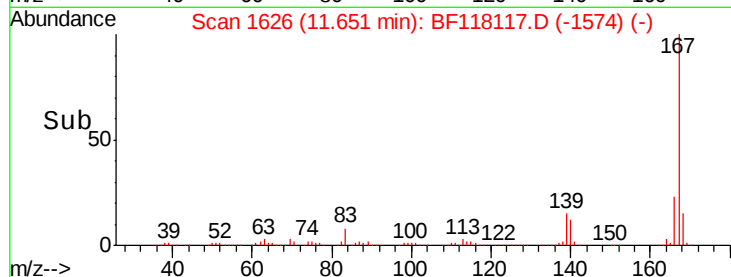
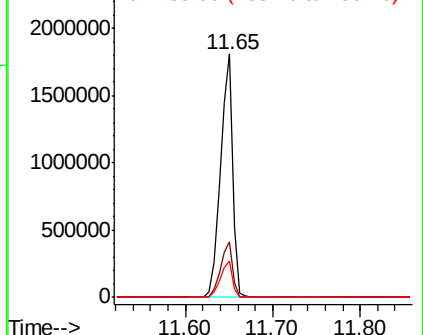
167 100

166 22.8 17.4 26.2

139 14.7 11.4 17.0



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



#74

Di-n-butylphthalate

Concen: 81.717 ng

RT: 11.97 min Scan# 1681

Delta R.T. 0.01 min

Lab File: BF118117.D

Acq: 6 Dec 2019 16:22

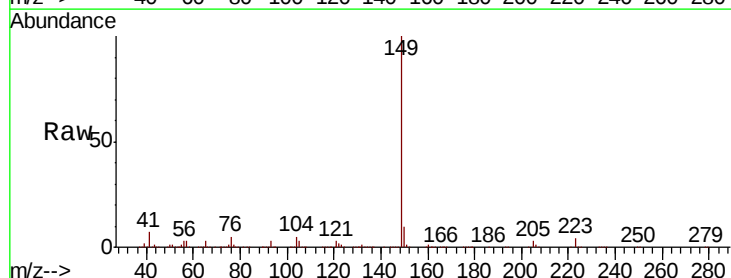
Tgt Ion:149 Resp: 2169367

Ion Ratio Lower Upper

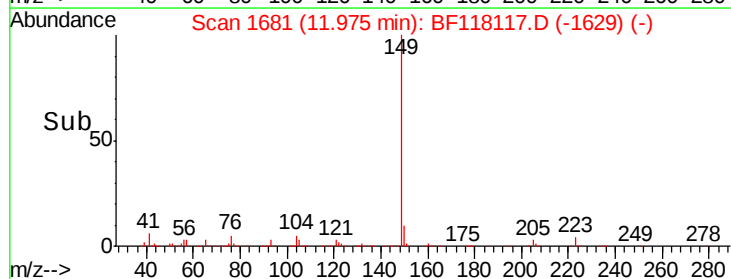
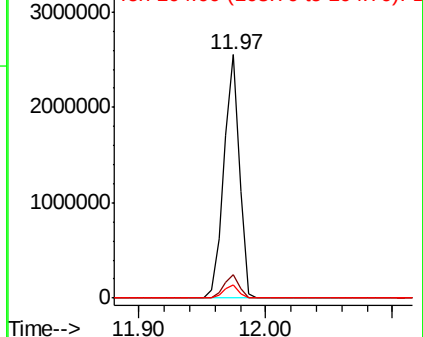
149 100

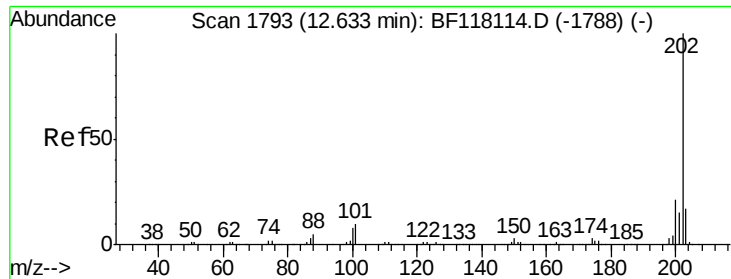
150 9.6 7.4 11.2

104 5.3 4.3 6.5



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

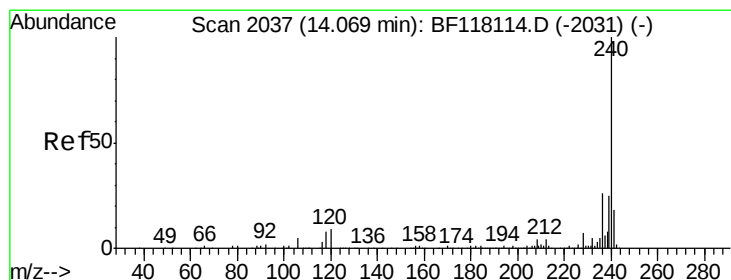
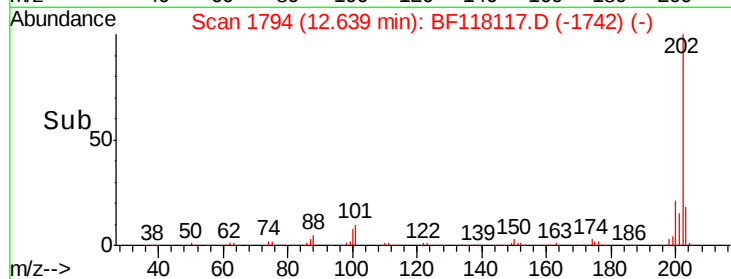
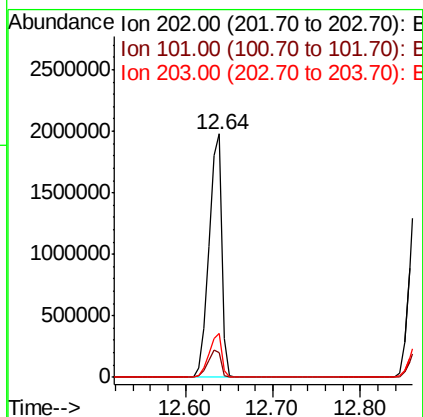
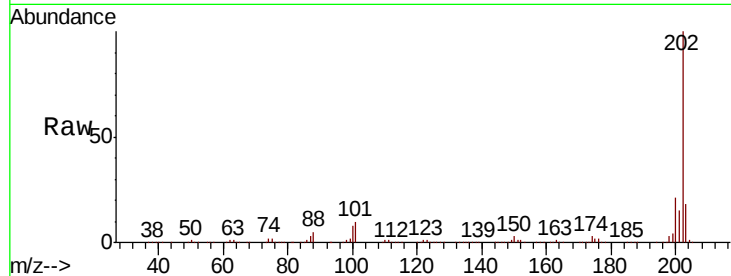




#75
Fluoranthene
Concen: 84.030 ng
RT: 12.64 min Scan# 1794
Delta R.T. 0.01 min
Lab File: BF118117.D
Acq: 6 Dec 2019 16:22

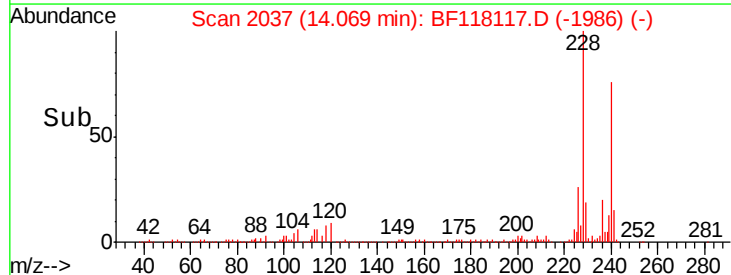
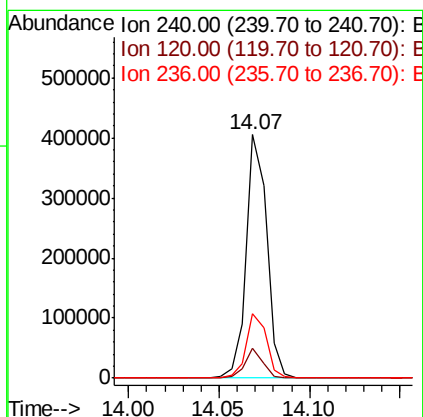
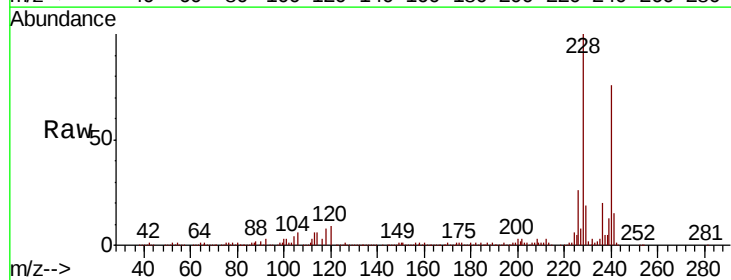
Instrument :
BNA_F
ClientSampleId :

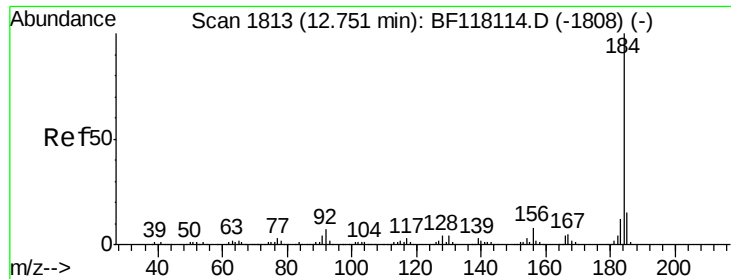
Tot Ion:202 Resp: 2000500
Ion Ratio Lower Upper
202 100
101 10.1 0.0 30.4
203 17.8 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2037
Delta R.T. 0.00 min
Lab File: BF118117.D
Acq: 6 Dec 2019 16:22

Tgt Ion:240 Resp: 318187
Ion Ratio Lower Upper
240 100
120 12.3 7.1 10.7#
236 26.4 21.0 31.6

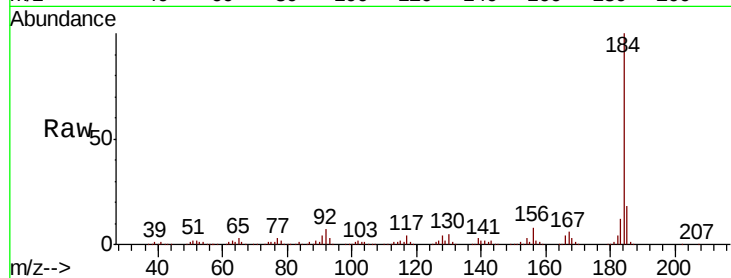




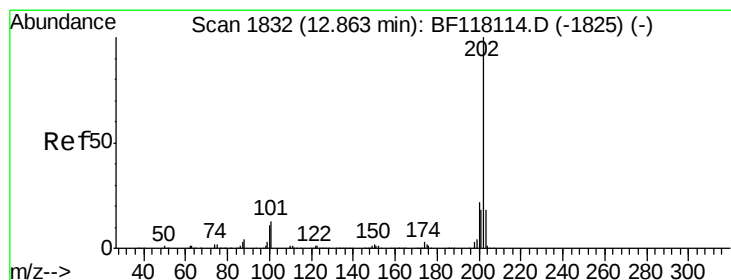
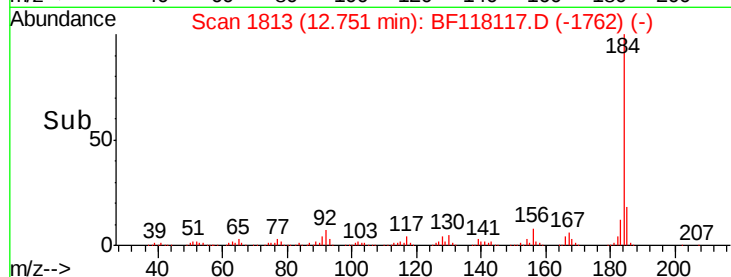
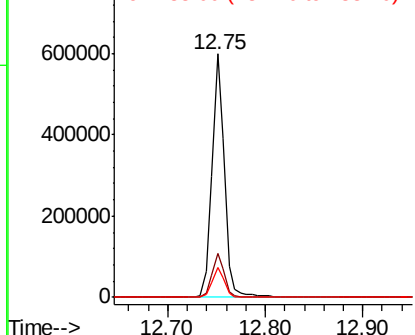
#77
Benzidine
Concen: 50.973 ng
RT: 12.75 min Scan# 1813
Delta R.T. 0.00 min
Lab File: BF118117.D
Acq: 6 Dec 2019 16:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 531263
Ion Ratio Lower Upper
184 100
185 18.3 12.3 18.5
183 12.3 9.9 14.9

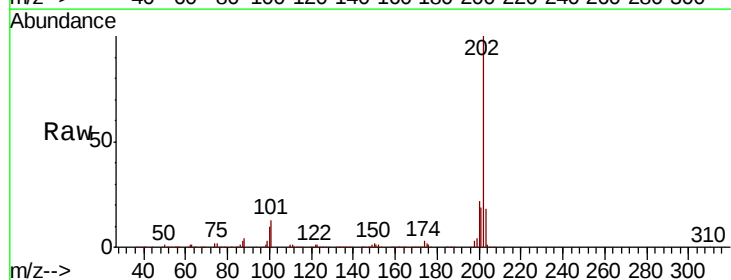


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

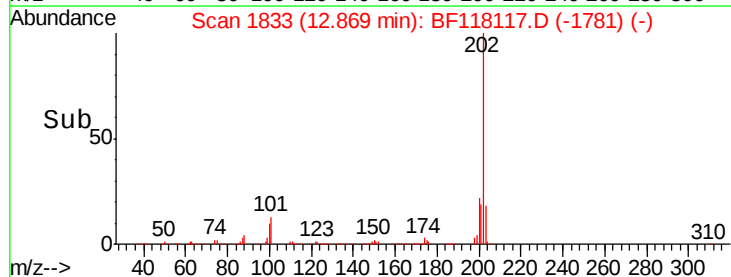
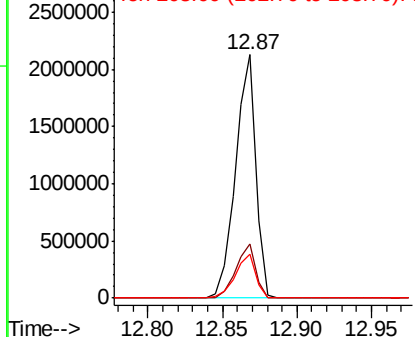


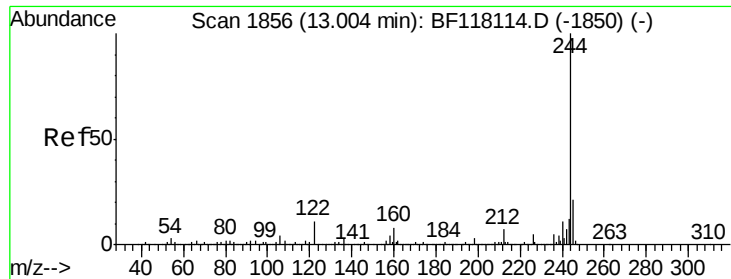
#78
Pyrene
Concen: 78.805 ng
RT: 12.87 min Scan# 1833
Delta R.T. 0.01 min
Lab File: BF118117.D
Acq: 6 Dec 2019 16:22

Tgt Ion:202 Resp: 2026427
Ion Ratio Lower Upper
202 100
200 22.0 17.5 26.3
203 17.9 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: 166.203 ng

RT: 13.01 min Scan# 1857

Delta R.T. 0.01 min

Lab File: BF118117.D

Acq: 6 Dec 2019 16:22

Instrument :

BNA_F

ClientSampleId :

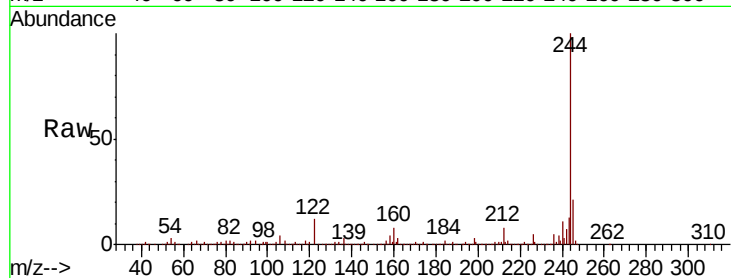
Tot Ion:244 Resp: 2893602

Ion Ratio Lower Upper

244 100

212 7.8 5.9 8.9

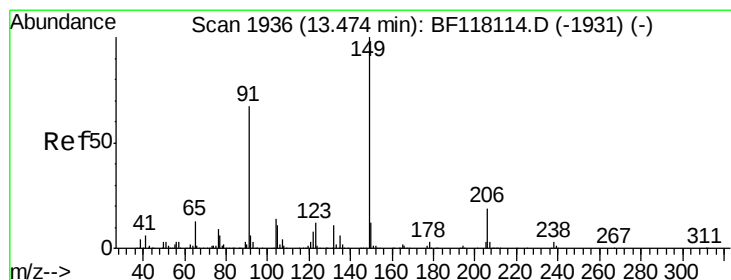
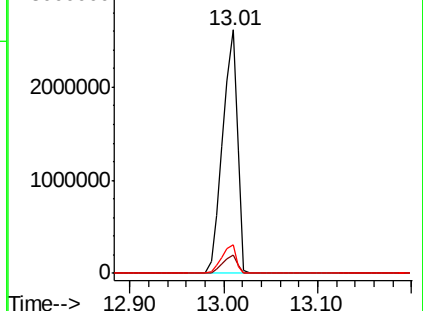
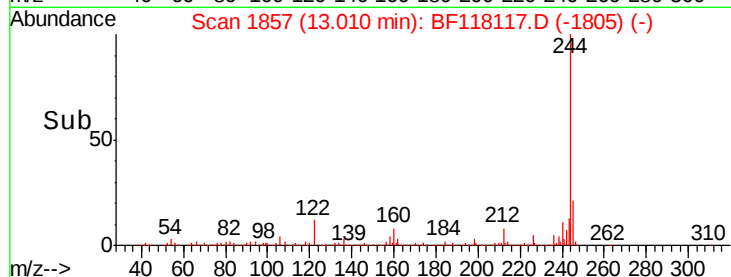
122 11.6 9.0 13.6



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: 83.680 ng

RT: 13.48 min Scan# 1937

Delta R.T. 0.01 min

Lab File: BF118117.D

Acq: 6 Dec 2019 16:22

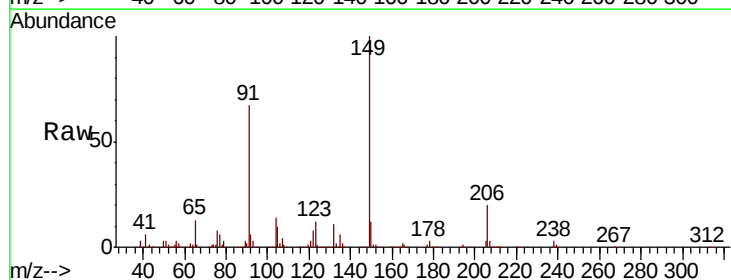
Tgt Ion:149 Resp: 924189

Ion Ratio Lower Upper

149 100

91 66.7 53.9 80.9

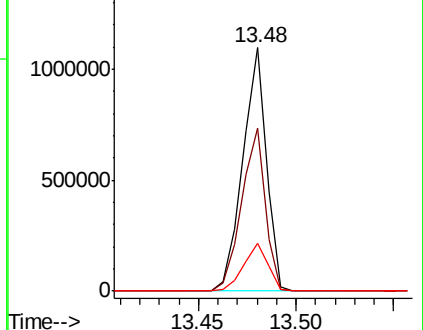
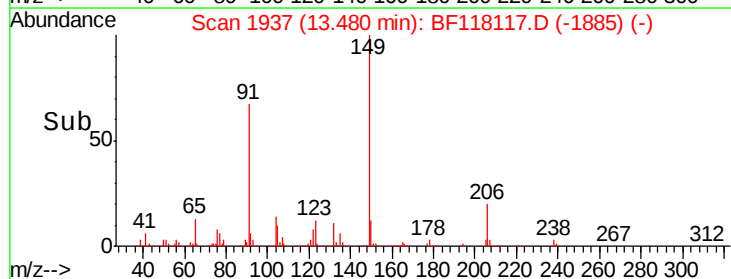
206 19.6 15.2 22.8

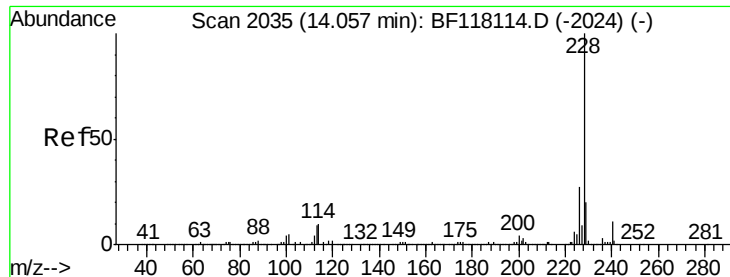


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 81.933 ng

RT: 14.06 min Scan# 2036

Delta R.T. 0.01 min

Lab File: BF118117.D

Acq: 6 Dec 2019 16:22

Instrument :

BNA_F

ClientSampleId :

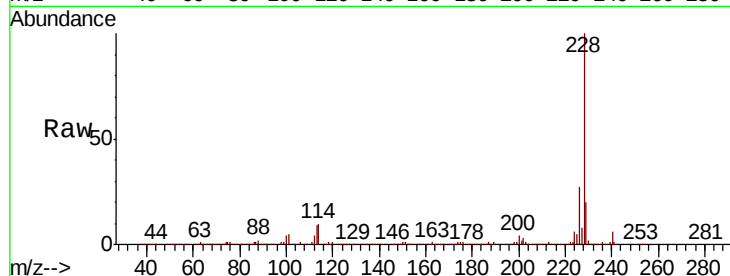
Tot Ion:228 Resp: 1722752

Ion Ratio Lower Upper

228 100

226 27.4 21.8 32.8

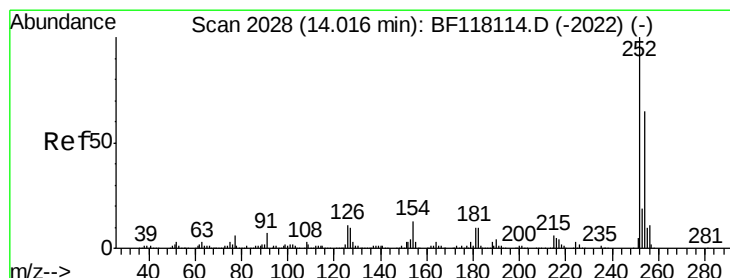
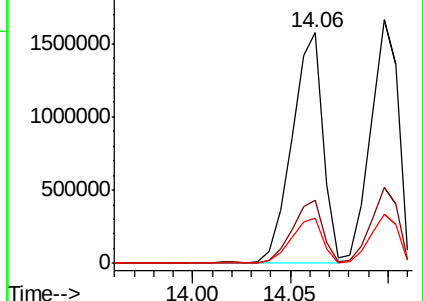
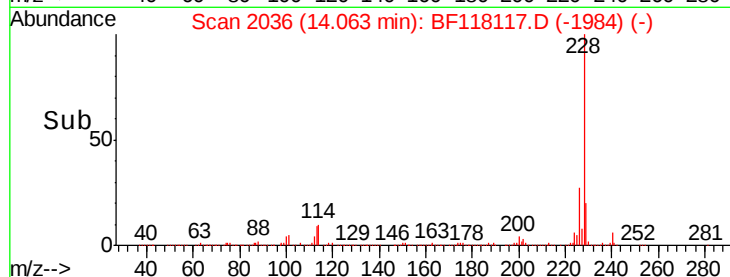
229 19.8 15.8 23.8



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: 66.114 ng

RT: 14.02 min Scan# 2029

Delta R.T. 0.01 min

Lab File: BF118117.D

Acq: 6 Dec 2019 16:22

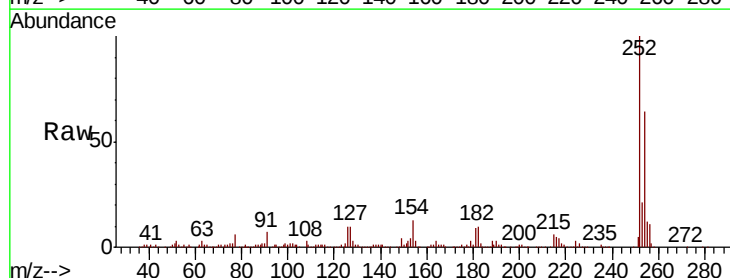
Tgt Ion:252 Resp: 486262

Ion Ratio Lower Upper

252 100

254 64.3 52.2 78.4

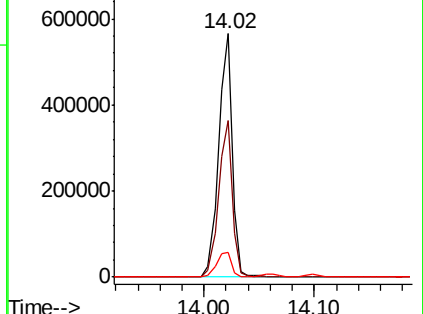
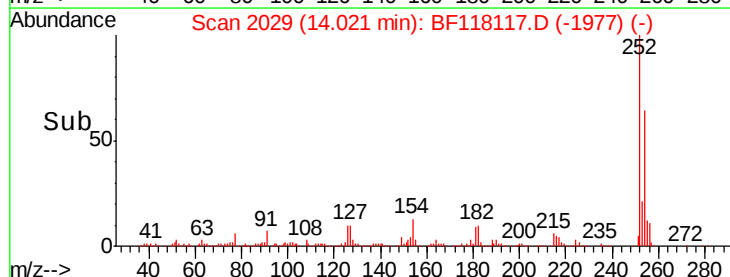
126 10.2 8.6 13.0

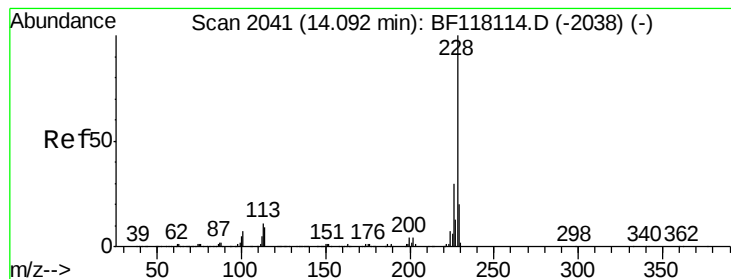


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 79.947 ng

RT: 14.10 min Scan# 2042

Delta R.T. 0.01 min

Lab File: BF118117.D

Acq: 6 Dec 2019 16:22

Instrument :

BNA_F

ClientSampleId :

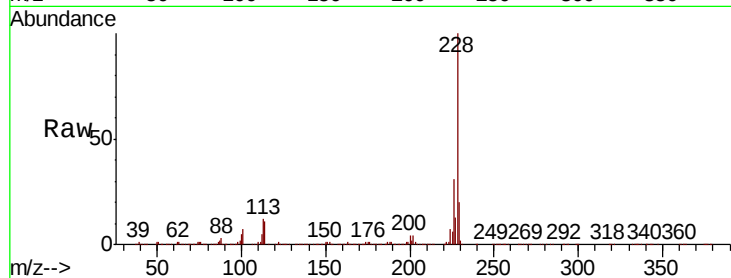
Tot Ion:228 Resp: 1628875

Ion Ratio Lower Upper

228 100

226 31.0 23.8 35.8

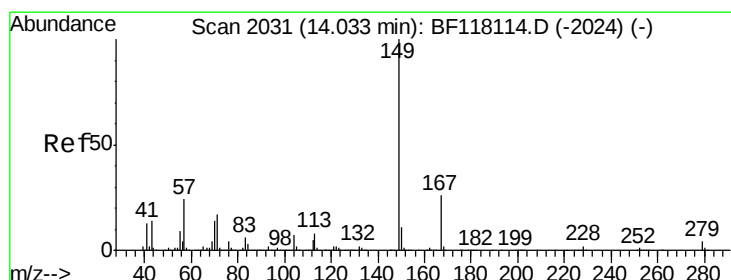
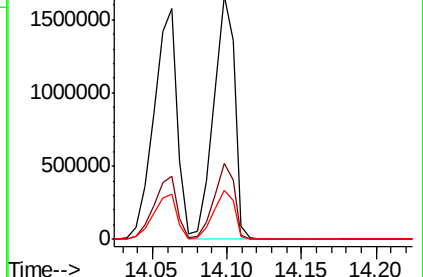
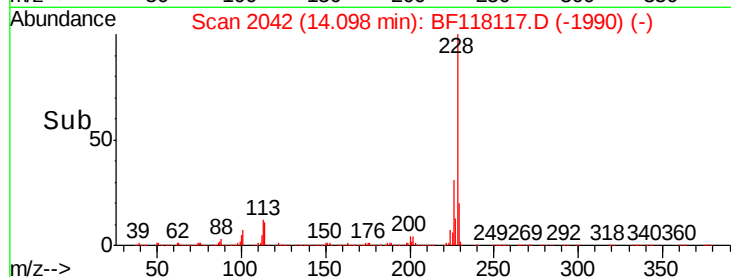
229 20.3 15.7 23.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 88.817 ng

RT: 14.04 min Scan# 2032

Delta R.T. 0.01 min

Lab File: BF118117.D

Acq: 6 Dec 2019 16:22

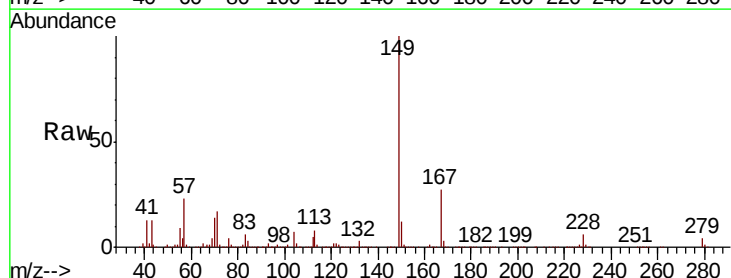
Tgt Ion:149 Resp: 1189238

Ion Ratio Lower Upper

149 100

167 26.6 20.8 31.2

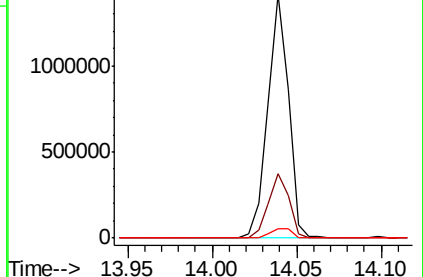
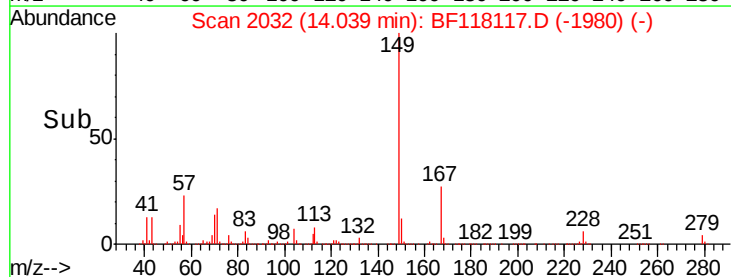
279 4.1 2.9 4.3

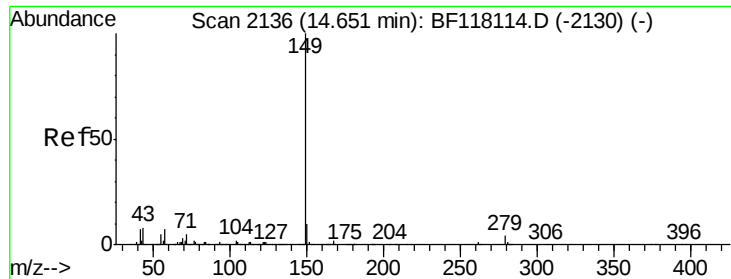


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 88.814 ng

RT: 14.66 min Scan# 2138

Delta R.T. 0.01 min

Lab File: BF118117.D

Acq: 6 Dec 2019 16:22

Instrument :

BNA_F

ClientSampleId :

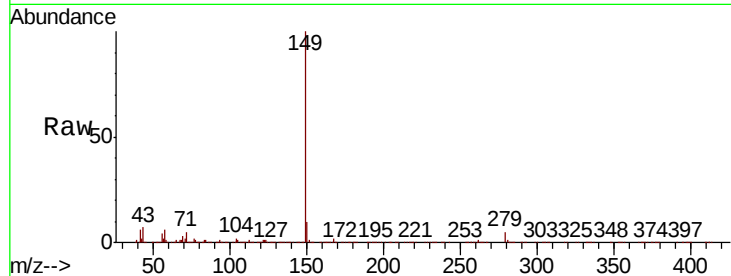
Tot Ion:149 Resp: 1747033

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

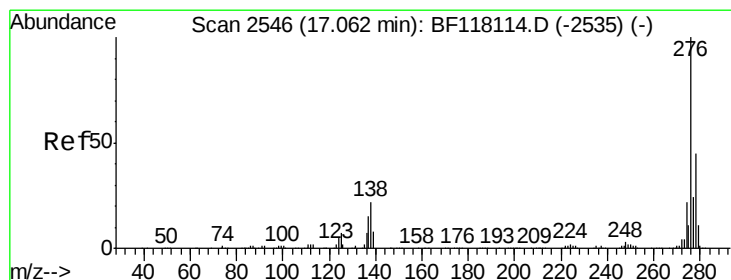
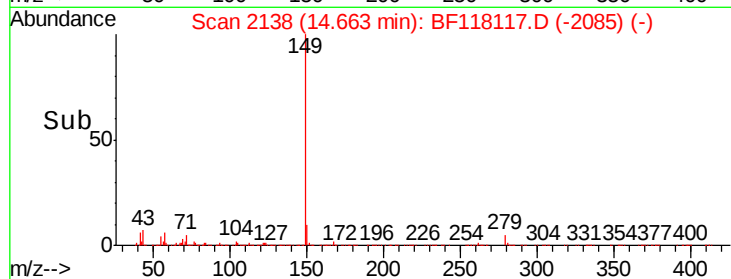
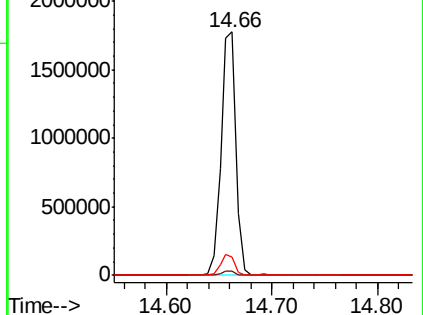
43 8.3 6.5 9.7



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: 82.430 ng

RT: 17.09 min Scan# 2550

Delta R.T. 0.02 min

Lab File: BF118117.D

Acq: 6 Dec 2019 16:22

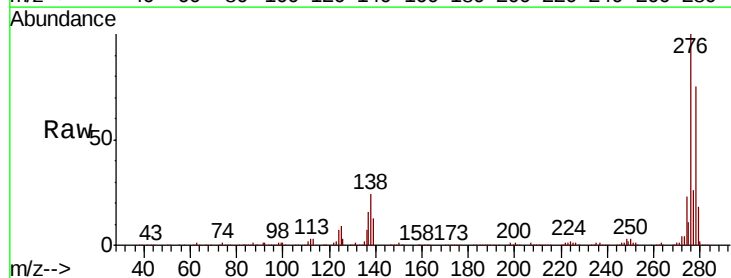
Tgt Ion:276 Resp: 1429387

Ion Ratio Lower Upper

276 100

138 24.0 18.9 28.3

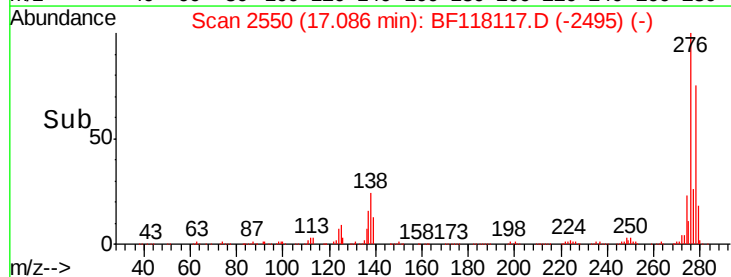
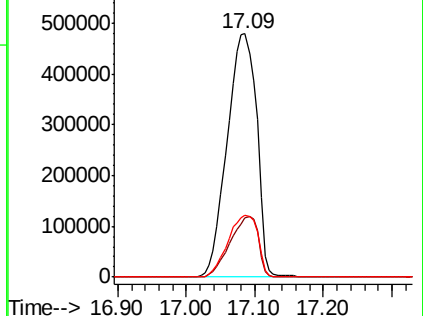
277 25.9 20.4 30.6

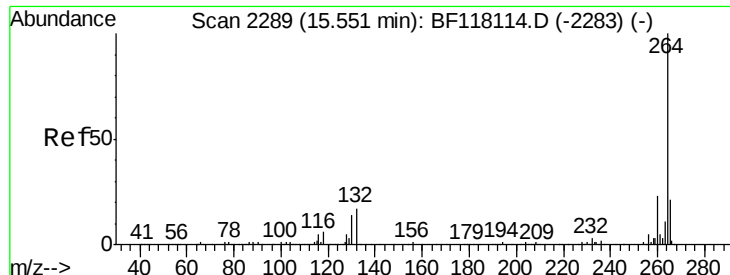


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

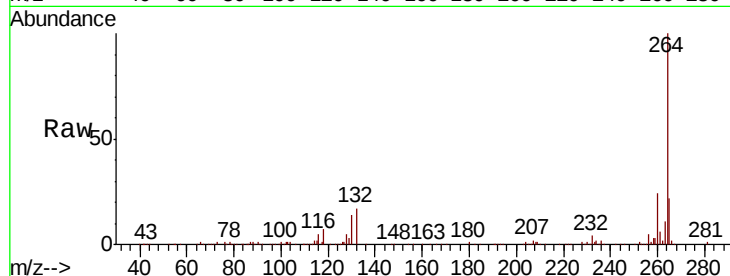




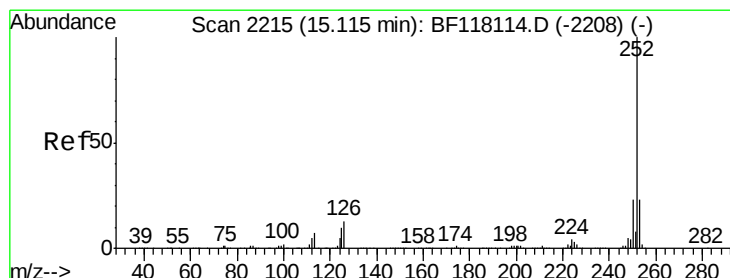
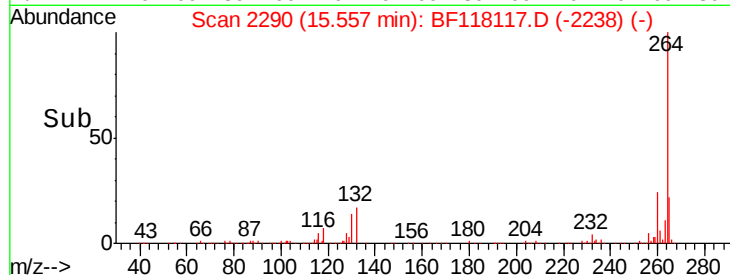
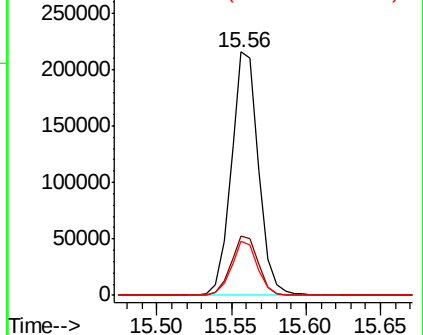
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2290
Delta R.T. 0.01 min
Lab File: BF118117.D
Acq: 6 Dec 2019 16:22

Instrument :
BNA_F
ClientSampled :

Tot Ion:264 Resp: 273515
Ion Ratio Lower Upper
264 100
260 24.1 18.6 28.0
265 22.5 16.8 25.2

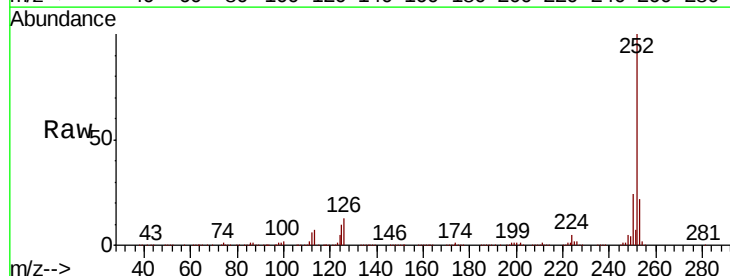


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

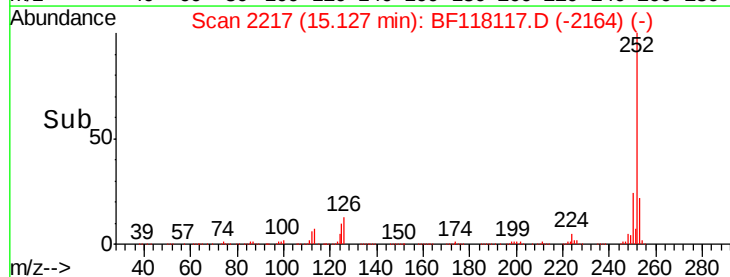
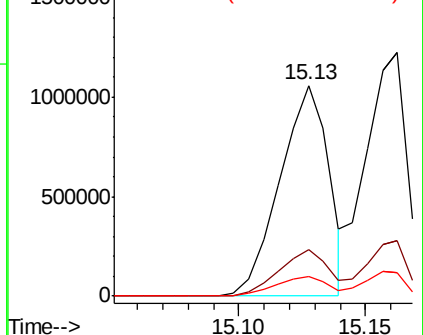


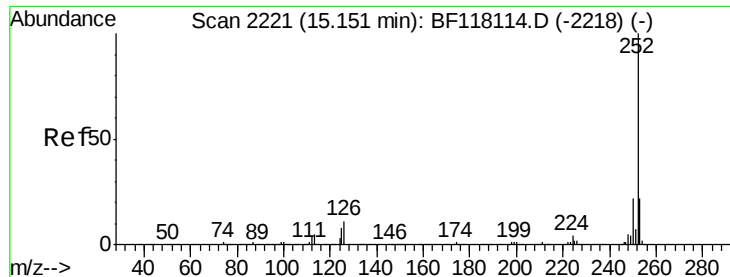
#88
Benzo(b)fluoranthene
Concen: 80.082 ng
RT: 15.13 min Scan# 2217
Delta R.T. 0.01 min
Lab File: BF118117.D
Acq: 6 Dec 2019 16:22

Tgt Ion:252 Resp: 1423081
Ion Ratio Lower Upper
252 100
253 21.9 18.2 27.4
125 9.5 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

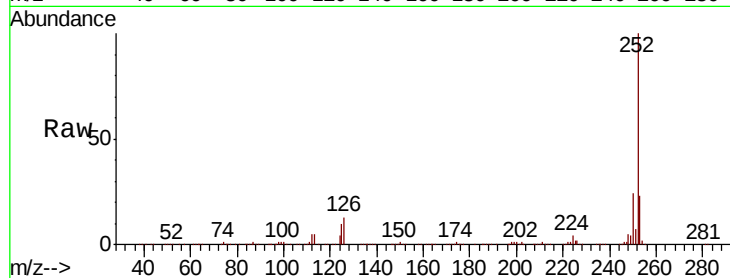




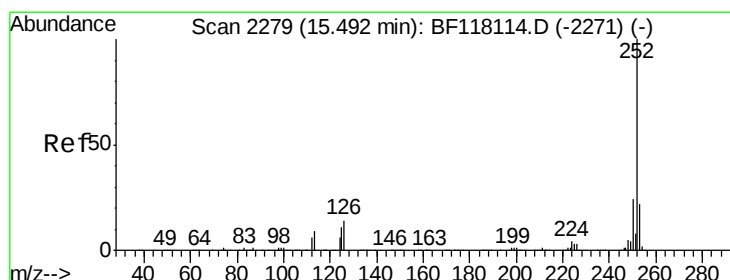
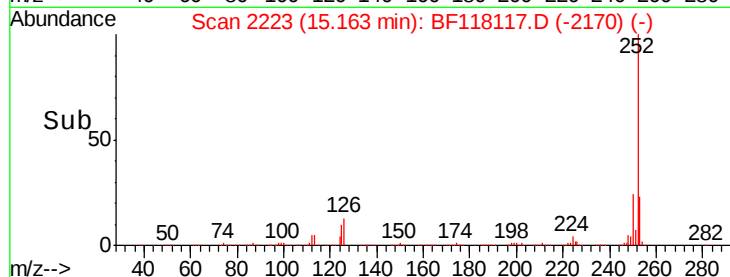
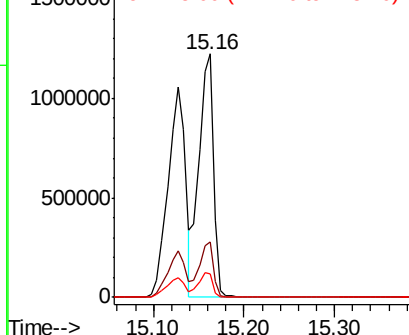
#89
Benzo(k)fluoranthene
Concen: 82.906 ng
RT: 15.16 min Scan# 2223
Delta R.T. 0.01 min
Lab File: BF118117.D
Acq: 6 Dec 2019 16:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1388149
Ion Ratio Lower Upper
252 100
253 22.9 17.6 26.4
125 9.5 6.7 10.1

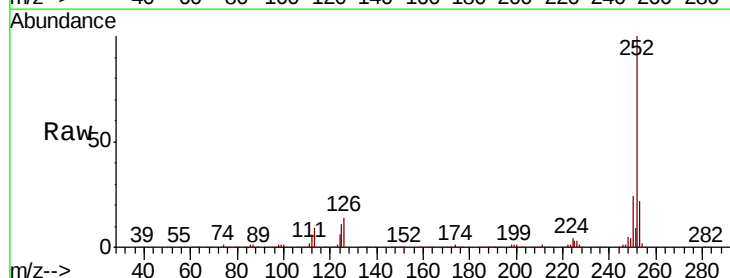


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

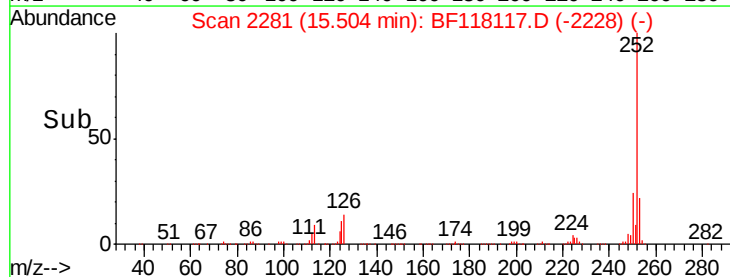
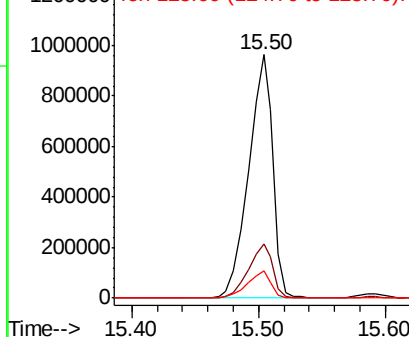


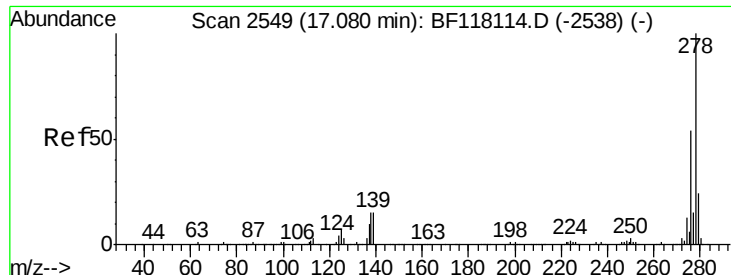
#90
Benzo(a)pyrene
Concen: 81.972 ng
RT: 15.50 min Scan# 2281
Delta R.T. 0.01 min
Lab File: BF118117.D
Acq: 6 Dec 2019 16:22

Tgt Ion:252 Resp: 1280912
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 11.3 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: 86.785 ng

RT: 17.10 min Scan# 2553

Delta R.T. 0.02 min

Lab File: BF118117.D

Acq: 6 Dec 2019 16:22

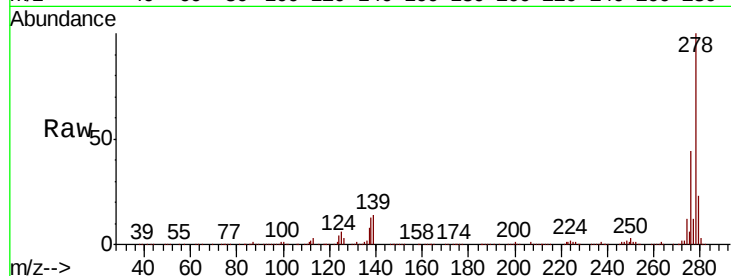
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 1167247

Ion	Ratio	Lower	Upper
278	100		
139	13.9	11.7	17.5
279	23.4	19.0	28.4

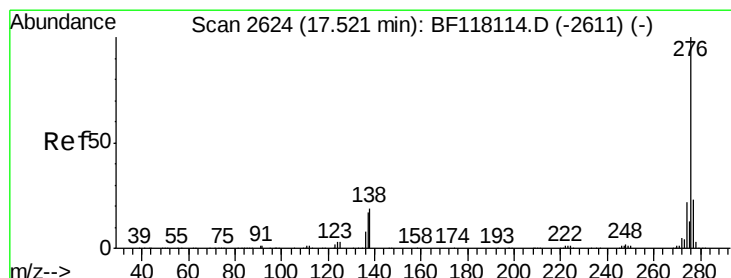
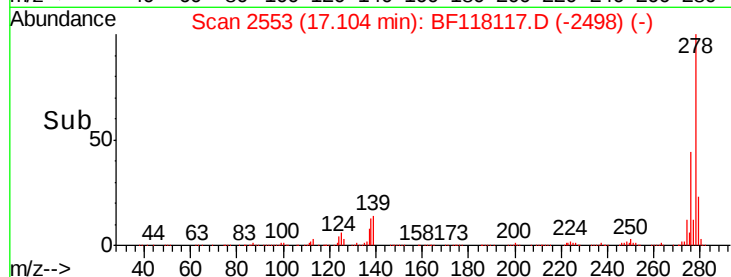
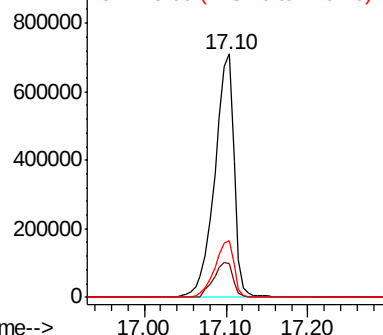


Abundance

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: 86.347 ng

RT: 17.54 min Scan# 2628

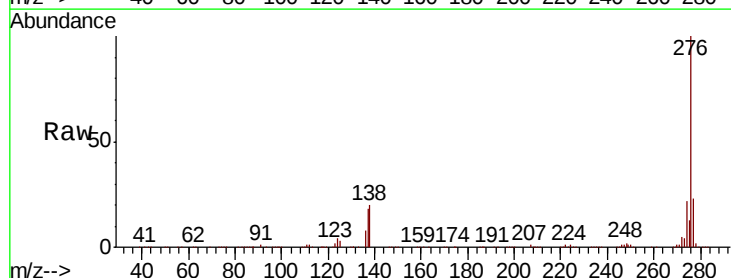
Delta R.T. 0.02 min

Lab File: BF118117.D

Acq: 6 Dec 2019 16:22

Tgt Ion:276 Resp: 1156737

Ion	Ratio	Lower	Upper
276	100		
277	23.1	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

