

Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA_F\DATA\BF081618\
 Data File : BF108202.D
 Acq On : 16 Aug 2018 18:31
 Operator : JU/SJ
 Sample : J4499-11
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP(0-1)

Quant Time: Aug 17 04:04:59 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 08 12:24:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	158856	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	575511	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	255017	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	412250	20.00	ng	0.00
75) Chrysene-d12	14.21	240	381957	20.00	ng	0.00
86) Perylene-d12	15.77	264	330887	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	875283	99.75	ng	0.01
7) Phenol-d6	6.64	99	1162292	99.68	ng	0.00
23) Nitrobenzene-d5	7.58	82	774621	75.11	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	246428	96.88	ng	0.00
44) 2-Fluorobiphenyl	9.37	172	1312746	82.64	ng	0.00
78) Terphenyl-d14	13.14	244	1021691	68.01	ng	0.00

Target Compounds

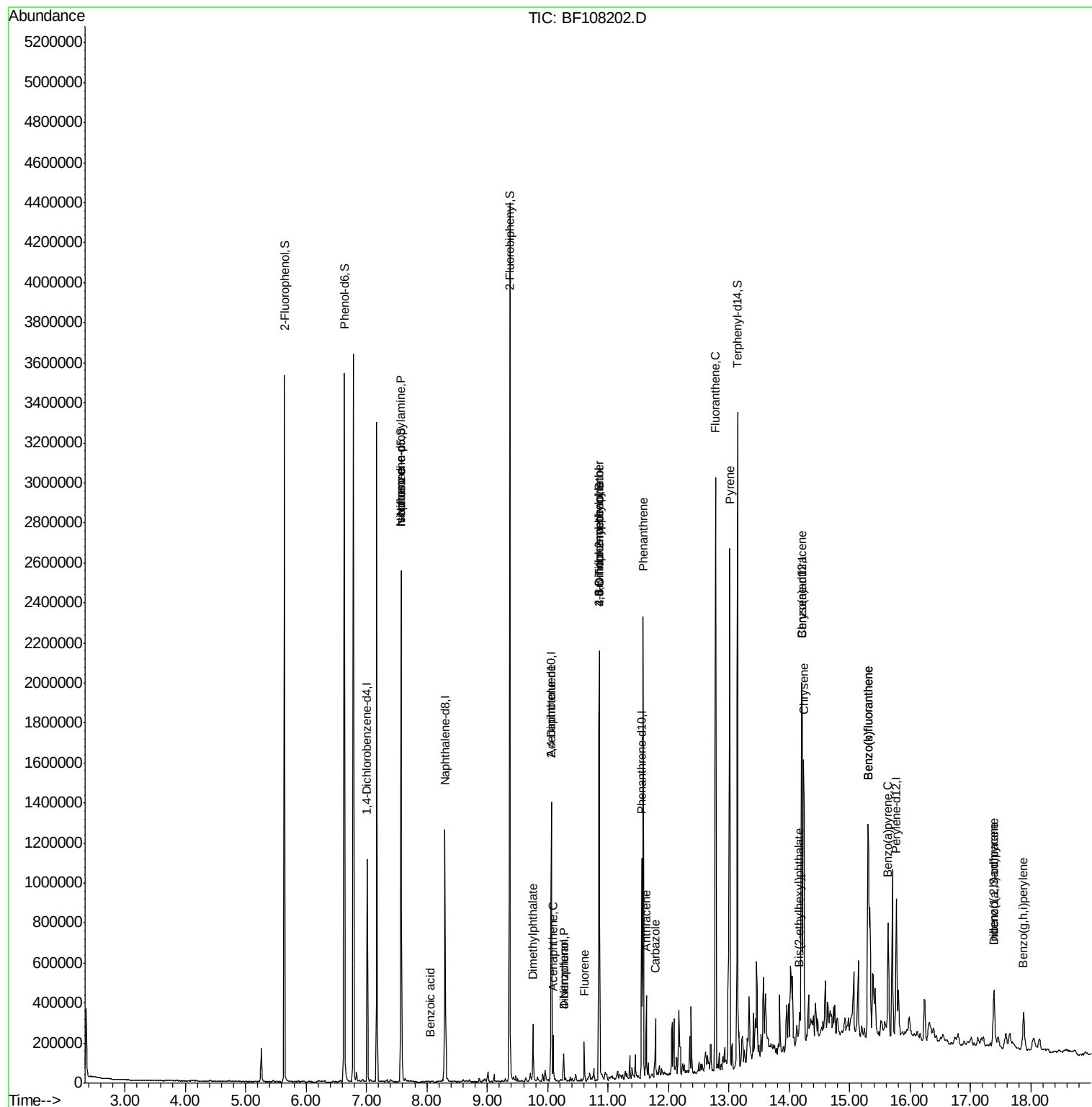
						Qvalue
19) n-Nitroso-di-n-propylamine	7.58	70	106790	13.544	ng	# 83
25) Isophorone	7.58	82	772478	39.296	ng	# 64
32) Benzoic acid	8.07	122	120	5.995	ng	# 1
49) Dimethylphthalate	9.76	163	99000	5.573	ng	# 99
51) Acenaphthene	10.09	154	45847	3.186	ng	98
54) Dibenzofuran	10.27	168	49213	2.361	ng	99
55) 4-Nitrophenol	10.27	139	18902	6.138	ng	# 10
56) 2,4-Dinitrotoluene	10.06	165	33900	7.086	ng	# 23
57) Fluorene	10.61	166	49877	3.022	ng	96
64) 4,6-Dinitro-2-methylphenol	10.85	198	411	5.595	ng	# 1
66) 4-Bromophenyl-phenylether	10.85	248	16126	3.600	ng	# 1
70) Phenanthrene	11.58	178	809392	41.626	ng	99
71) Anthracene	11.63	178	148065	7.430	ng	97
72) Carbazole	11.78	167	100810	5.693	ng	98
74) Fluoranthene	12.78	202	1225209	57.735	ng	97
77) Pyrene	13.01	202	1026738	42.459	ng	99
80) Benzo(a)anthracene	14.20	228	563116	25.689	ng	99
82) Chrysene	14.24	228	534444	26.594	ng	97
83) Bis(2-ethylhexyl)phthalate	14.17	149	34223	2.632	ng	# 98
85) Indeno(1,2,3-cd)pyrene	17.39	276	196179	11.266	ng	# 88
87) Benzo(b)fluoranthene	15.31	252	921217	46.592	ng	97
88) Benzo(k)fluoranthene	15.31	252	921217	50.686	ng	# 97
89) Benzo(a)pyrene	15.64	252	287867	16.259	ng	95
90) Dibenzo(a,h)anthracene	17.39	278	49241	3.361	ng	97
91) Benzo(g,h,i)perylene	17.88	276	170106	11.792	ng	# 89

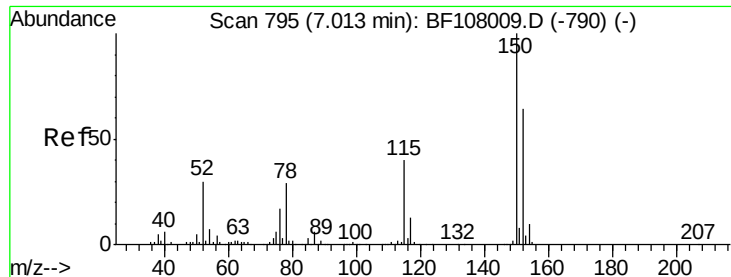
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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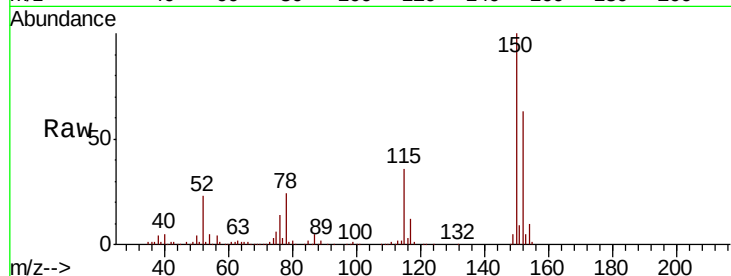


#1

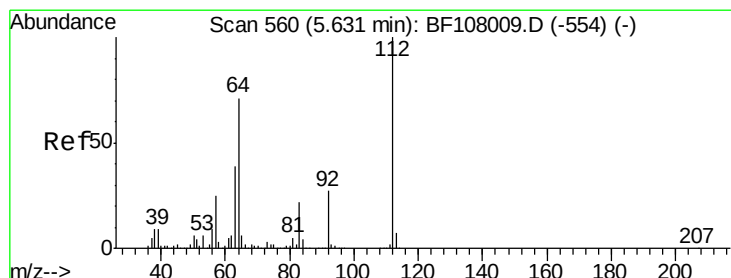
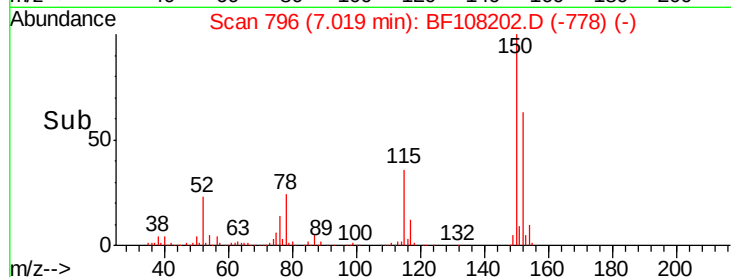
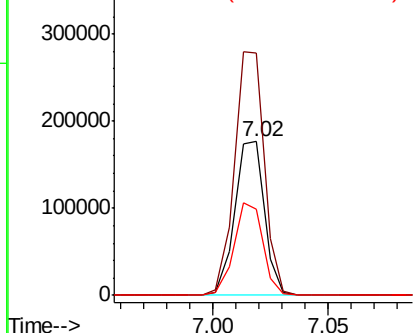
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF108202.D
Acq: 16 Aug 2018 18:31

Instrument :
BNA_F
ClientSampleId :
DUP(0-1)

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.9	124.6	186.8
115	56.2	50.1	75.1



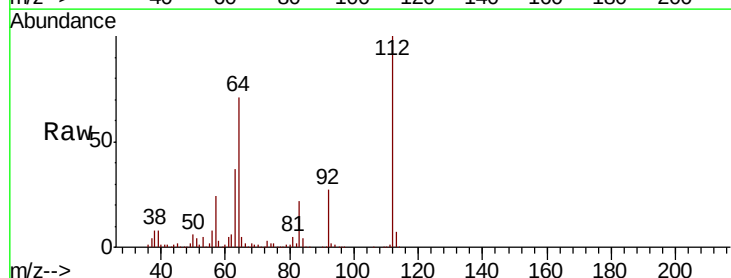
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



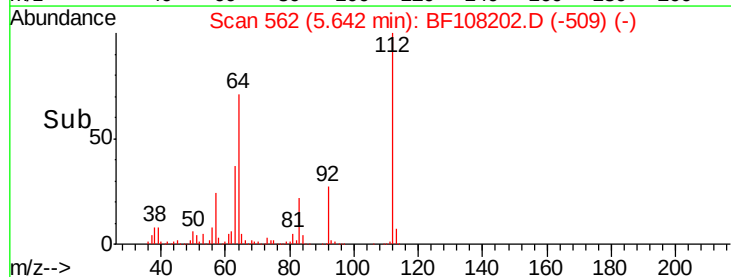
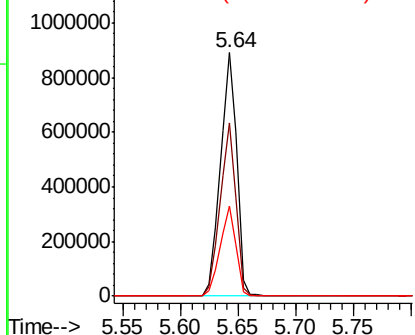
#5

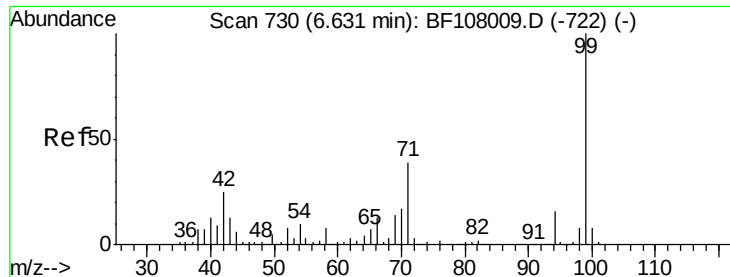
2-Fluorophenol
Concen: 99.755 ng
RT: 5.64 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF108202.D
Acq: 16 Aug 2018 18:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.9	47.9	71.9
63	37.2	23.7	35.5



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





#7

Phenol-d6

Concen: 99.682 ng

RT: 6.64 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF108202.D

Acq: 16 Aug 2018 18:31

Instrument :

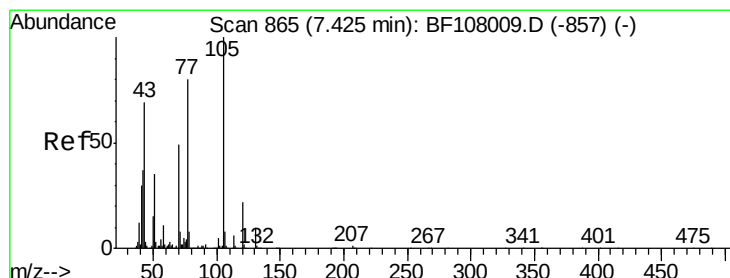
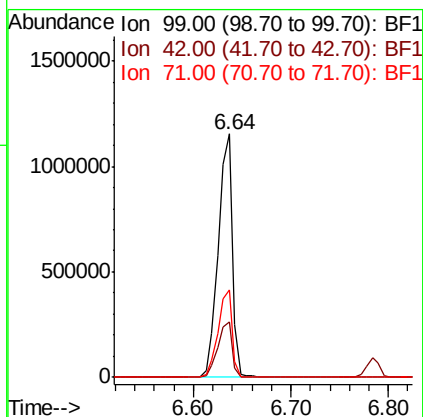
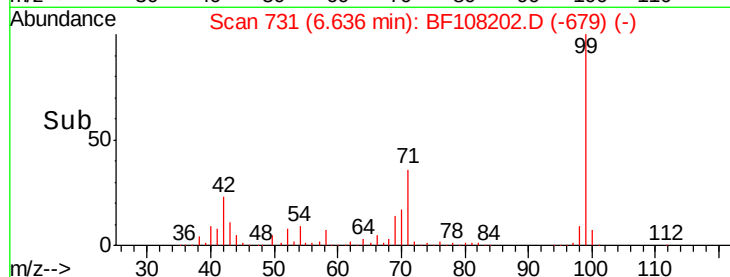
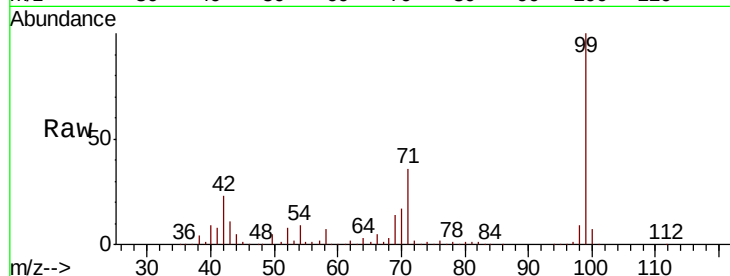
BNA_F

ClientSampleId :

DUP(0-1)

Tgt Ion: 99 Resp: 1162292

Ion	Ratio	Lower	Upper
99	100		
42	22.9	14.5	21.7#
71	36.0	25.4	38.0



#19

n-Nitroso-di-n-propylamine

Concen: 13.544 ng

RT: 7.58 min Scan# 891

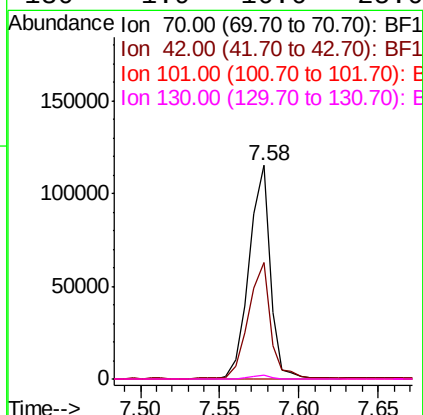
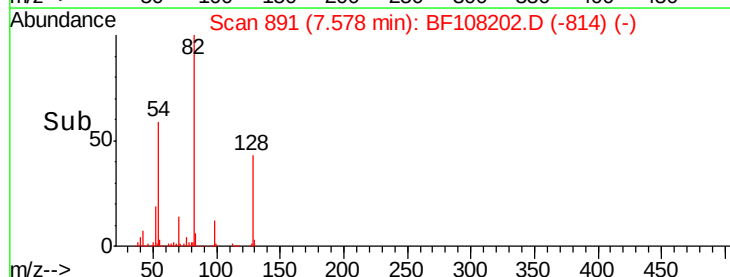
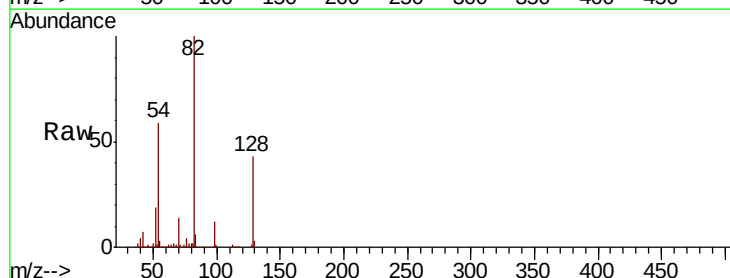
Delta R.T. 0.15 min

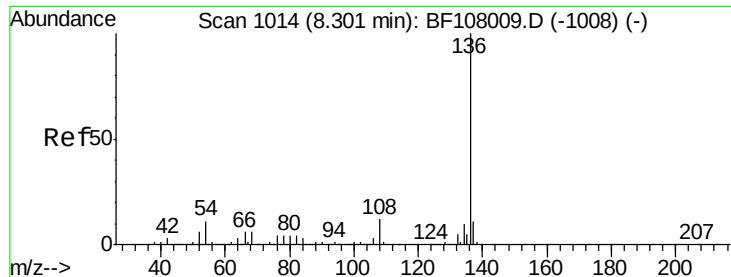
Lab File: BF108202.D

Acq: 16 Aug 2018 18:31

Tgt Ion: 70 Resp: 106790

Ion	Ratio	Lower	Upper
70	100		
42	54.3	47.5	71.3
101	0.0	7.4	11.2#
130	1.9	16.6	25.0#

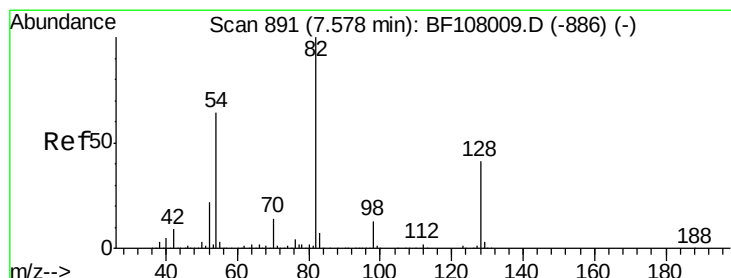
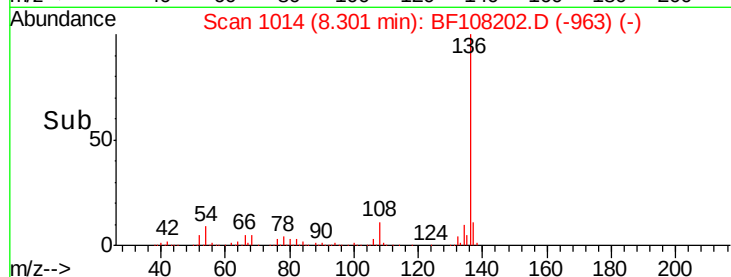
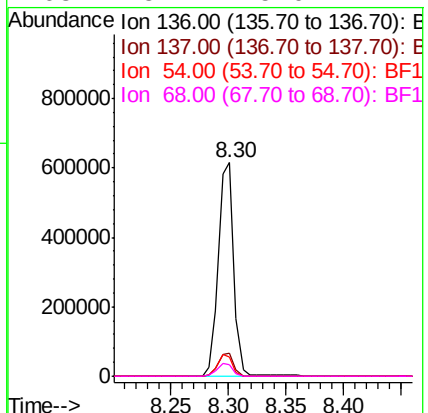
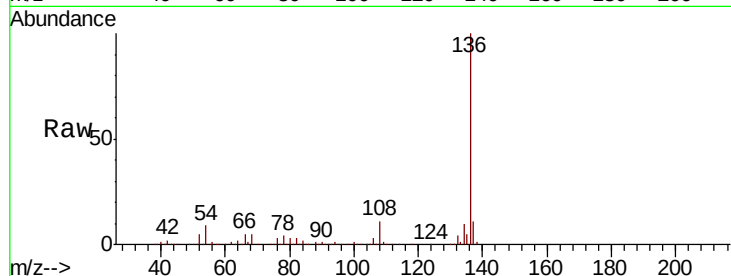




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.30 min Scan# 1014
Delta R.T. -0.00 min
Lab File: BF108202.D
Acq: 16 Aug 2018 18:31

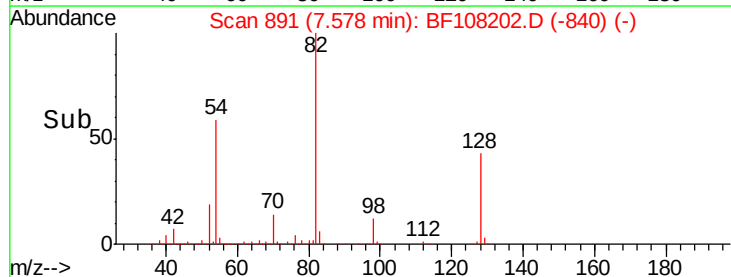
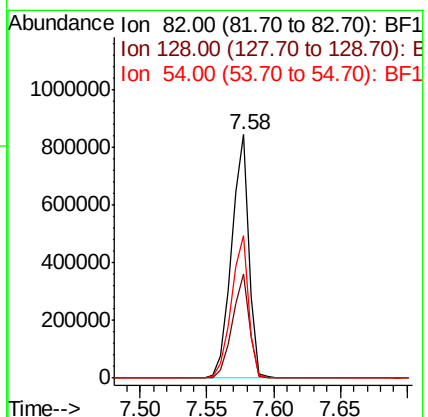
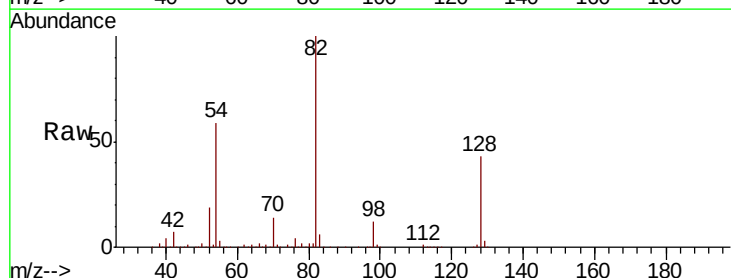
Instrument :
BNA_F
ClientSampleId :
DUP(0-1)

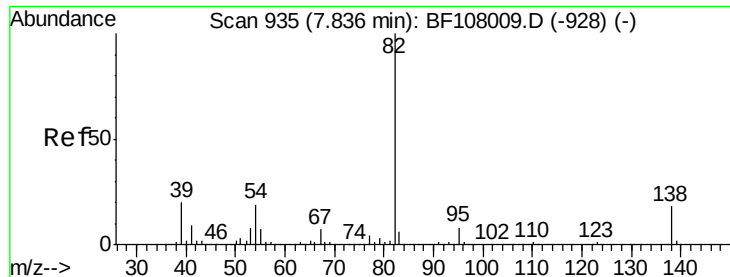
Tgt Ion:	136	Resp:	575511
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	9.3	6.6	9.8
68	5.4	5.0	7.4



#23
Nitrobenzene-d5
Concen: 75.107 ng
RT: 7.58 min Scan# 891
Delta R.T. -0.00 min
Lab File: BF108202.D
Acq: 16 Aug 2018 18:31

Tgt Ion:	82	Resp:	774621
Ion	Ratio	Lower	Upper
82	100		
128	43.0	36.1	54.1
54	58.6	41.4	62.2





#25

Isophorone

Concen: 39.296 ng

RT: 7.58 min Scan# 891

Delta R.T. -0.26 min

Lab File: BF108202.D

Acq: 16 Aug 2018 18:31

Instrument :

BNA_F

ClientSampleId :

DUP(0-1)

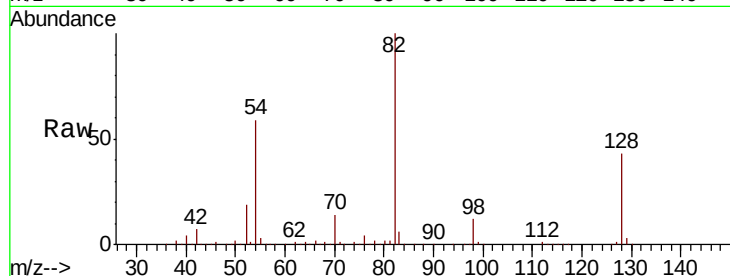
Tgt Ion: 82 Resp: 772478

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

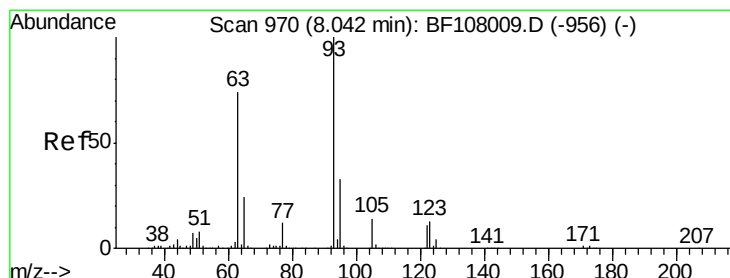
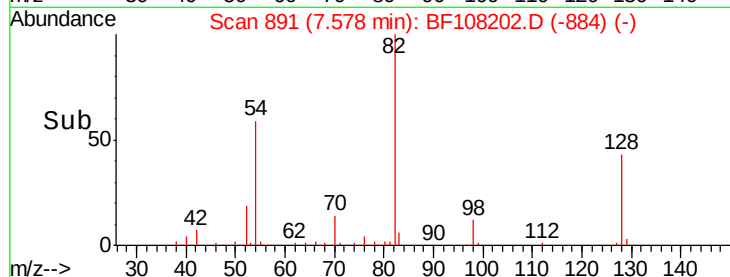
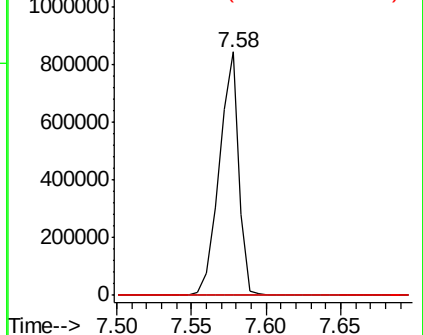
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#32

Benzoic acid

Concen: 5.995 ng

RT: 8.07 min Scan# 974

Delta R.T. 0.02 min

Lab File: BF108202.D

Acq: 16 Aug 2018 18:31

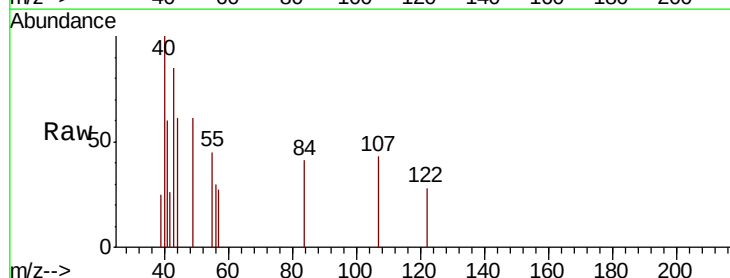
Tgt Ion: 122 Resp: 120

Ion Ratio Lower Upper

122 100

105 0.0 101.1 141.1#

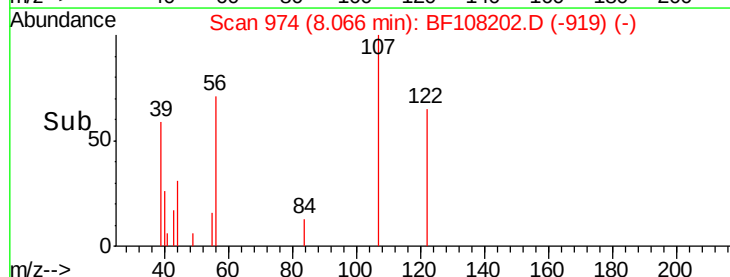
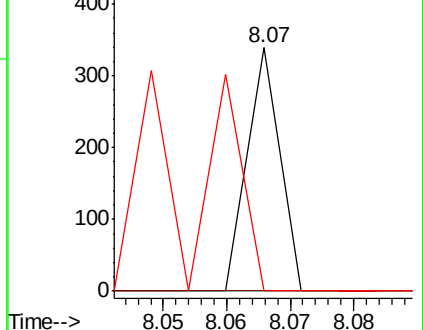
77 0.0 70.7 110.7#

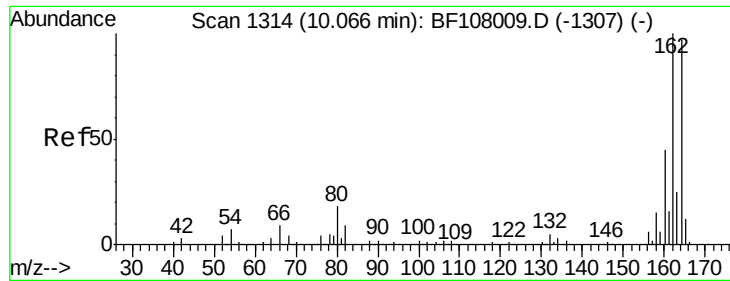


Abundance Ion 122.00 (121.70 to 122.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

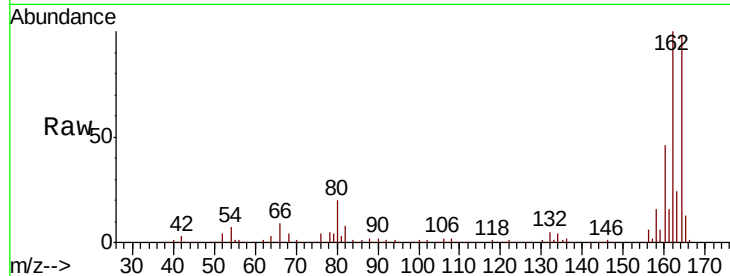




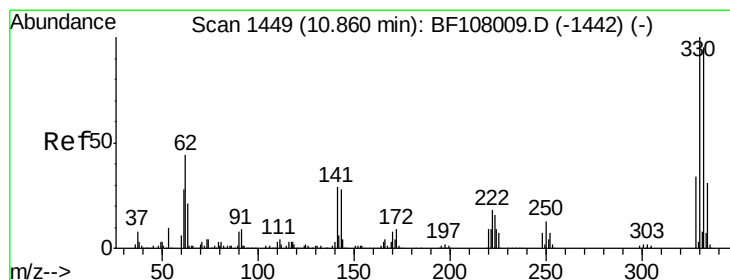
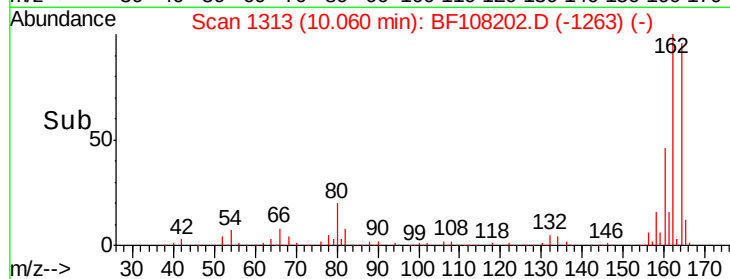
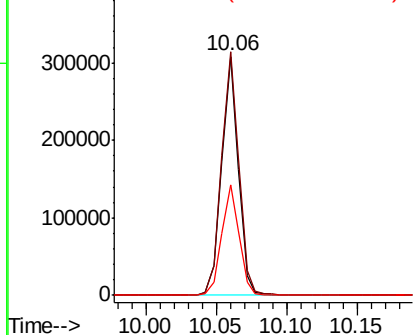
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.06 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF108202.D
Acq: 16 Aug 2018 18:31

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:164 Resp: 255017
Ion Ratio Lower Upper
164 100
162 101.9 86.1 129.1
160 46.4 38.3 57.5

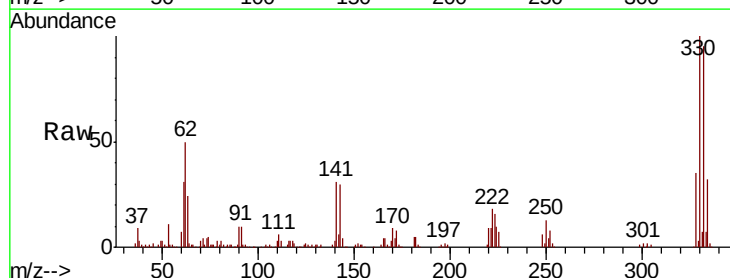


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

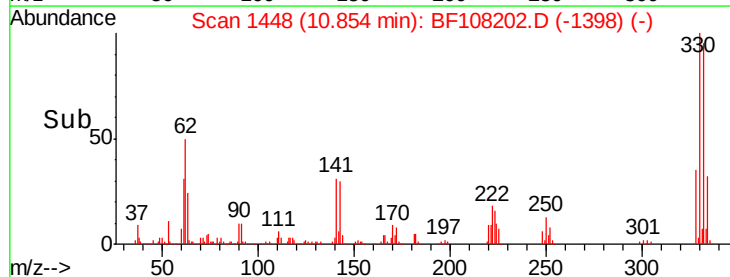
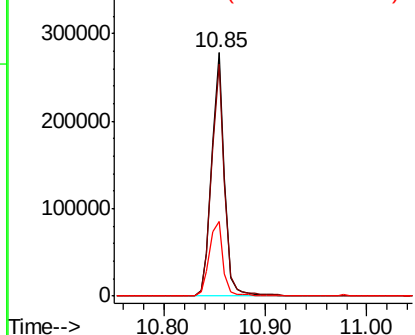


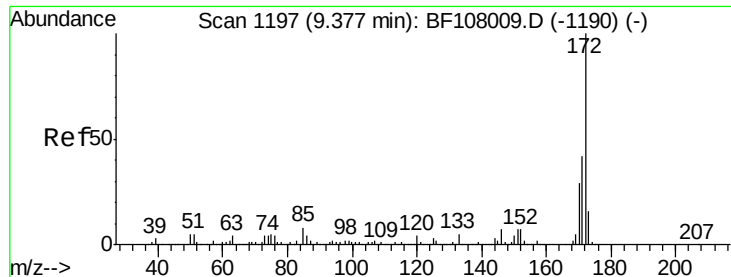
#41
2,4,6-Tribromophenol
Concen: 96.877 ng
RT: 10.85 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BF108202.D
Acq: 16 Aug 2018 18:31

Tgt Ion:330 Resp: 246428
Ion Ratio Lower Upper
330 100
332 96.2 77.0 115.6
141 33.5 29.9 44.9



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

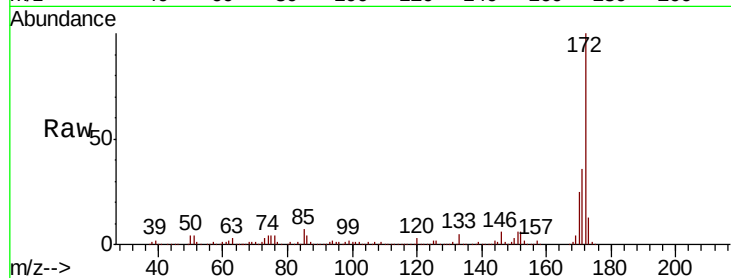




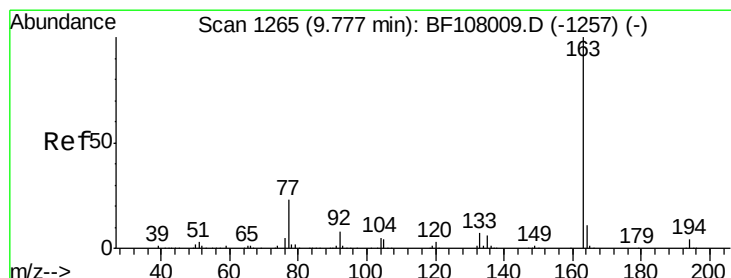
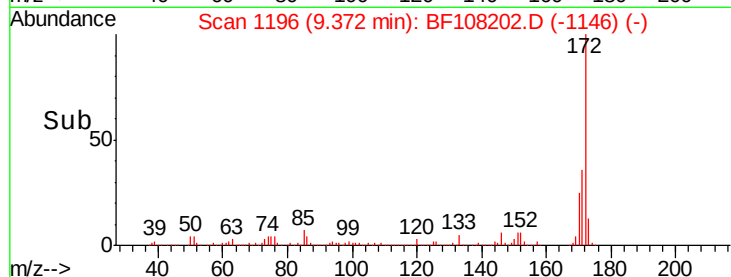
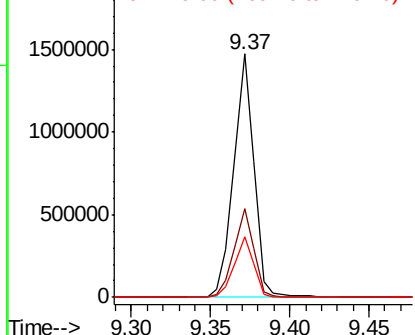
#44
2-Fluorobiphenyl
Concen: 82.644 ng
RT: 9.37 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BF108202.D
Acq: 16 Aug 2018 18:31

Instrument :
BNA_F
ClientSampleId :
DUP(0-1)

Tgt Ion:172 Resp: 1312746
Ion Ratio Lower Upper
172 100
171 36.2 29.7 44.5
170 24.7 19.6 29.4

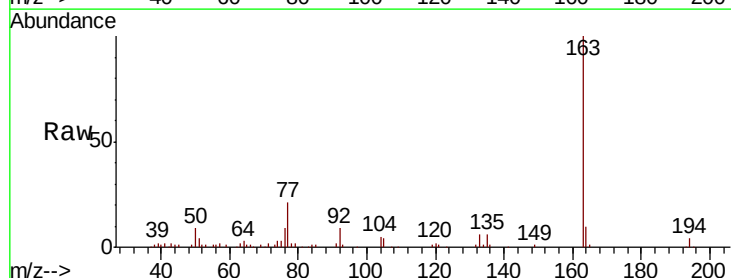


Abundance Ion 172.00 (171.70 to 172.70): E
2000000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

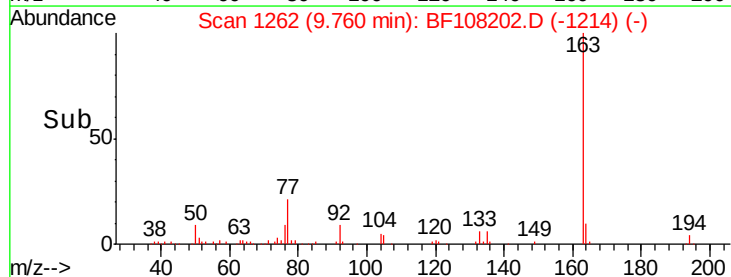
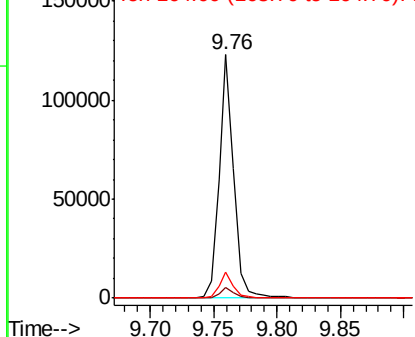


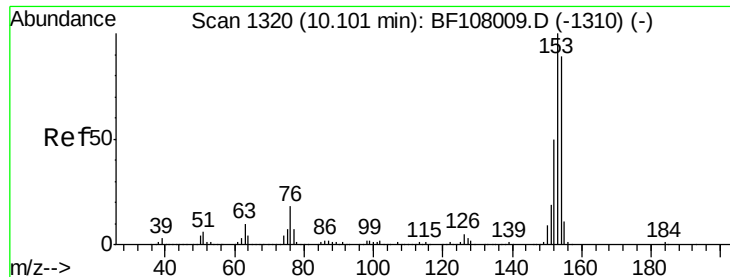
#49
Dimethylphthalate
Concen: 5.573 ng
RT: 9.76 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BF108202.D
Acq: 16 Aug 2018 18:31

Tgt Ion:163 Resp: 99000
Ion Ratio Lower Upper
163 100
194 4.3 2.7 4.1#
164 10.4 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
150000 Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 3.186 ng

RT: 10.09 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BF108202.D

Acq: 16 Aug 2018 18:31

Instrument :

BNA_F

ClientSampleId :

DUP(0-1)

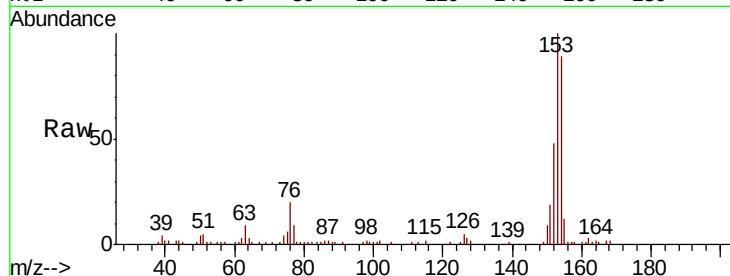
Tgt Ion:154 Resp: 45847

Ion Ratio Lower Upper

154 100

153 111.8 91.2 136.8

152 53.6 43.8 65.8

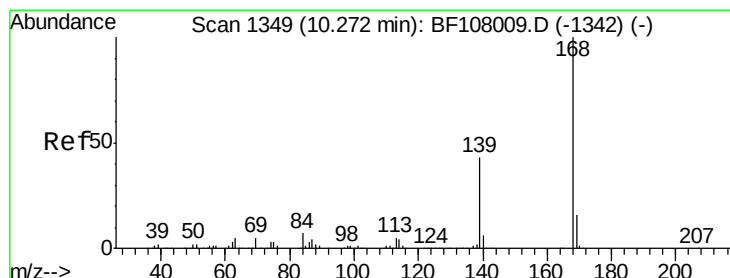
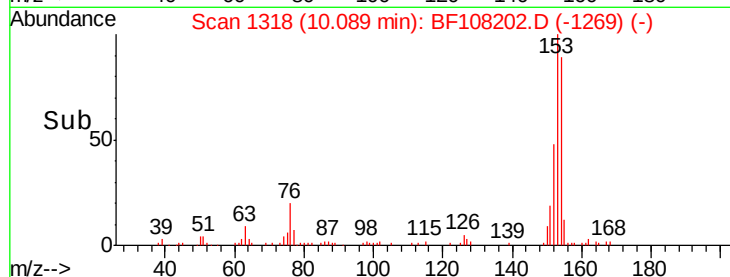
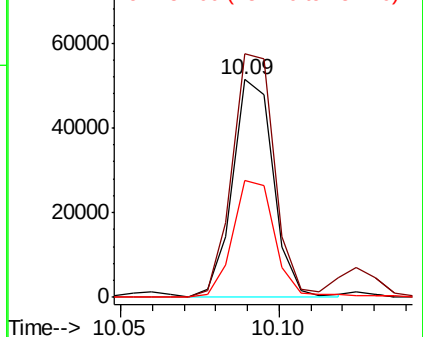


Abundance

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



#54

Dibenzofuran

Concen: 2.361 ng

RT: 10.27 min Scan# 1348

Delta R.T. -0.01 min

Lab File: BF108202.D

Acq: 16 Aug 2018 18:31

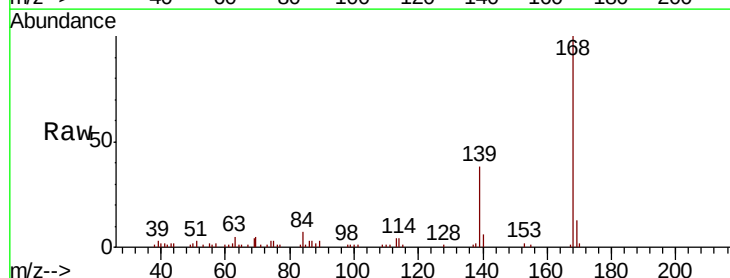
Tgt Ion:168 Resp: 49213

Ion Ratio Lower Upper

168 100

139 37.7 30.1 45.1

169 12.7 10.9 16.3

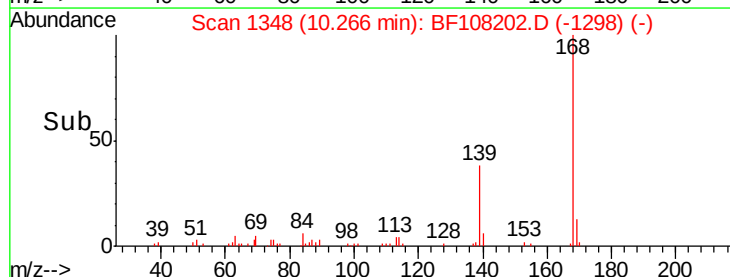
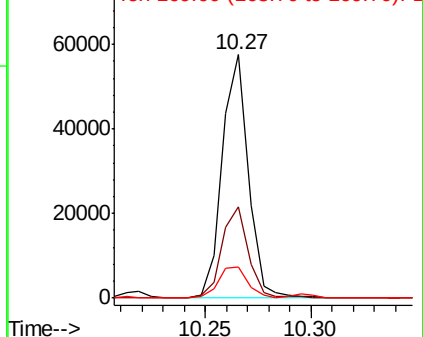


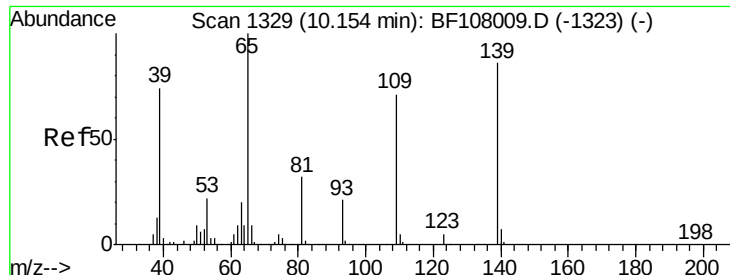
Abundance

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

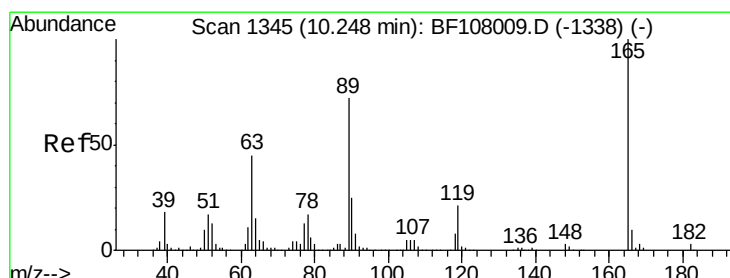
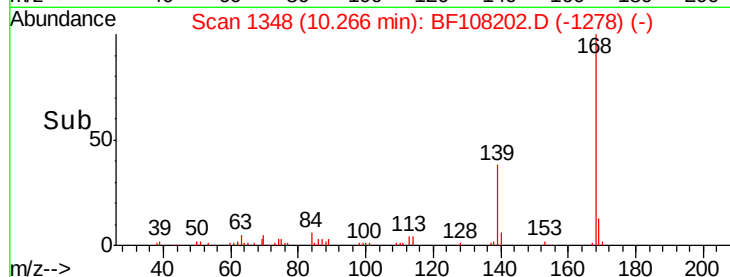
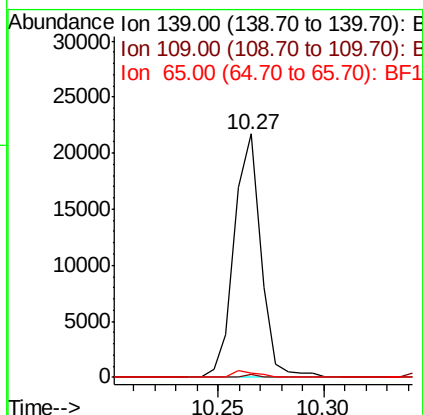
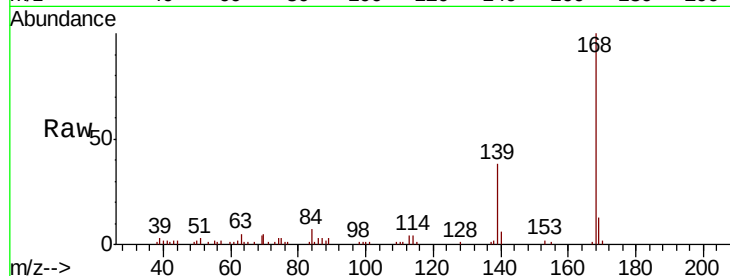




#55
4-Nitrophenol
Concen: 6.138 ng
RT: 10.27 min Scan# 1348
Delta R.T. 0.11 min
Lab File: BF108202.D
Acq: 16 Aug 2018 18:31

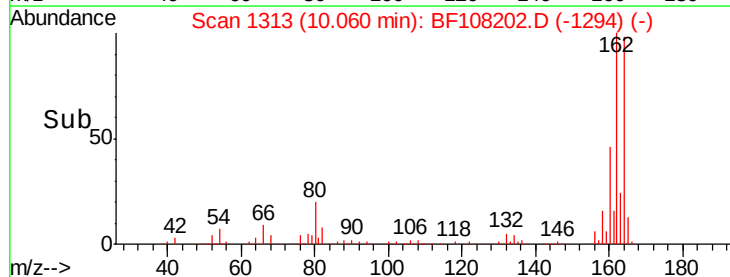
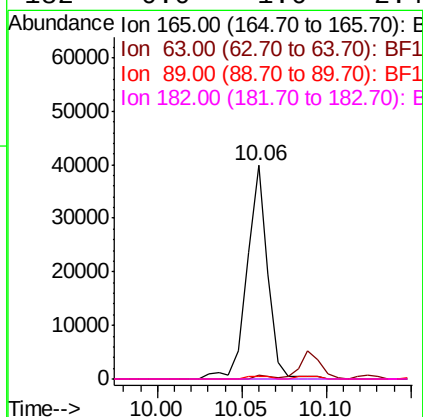
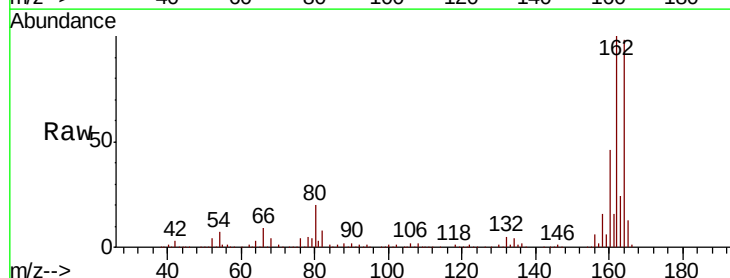
Instrument :
BNA_F
ClientSampleId :
DUP(0-1)

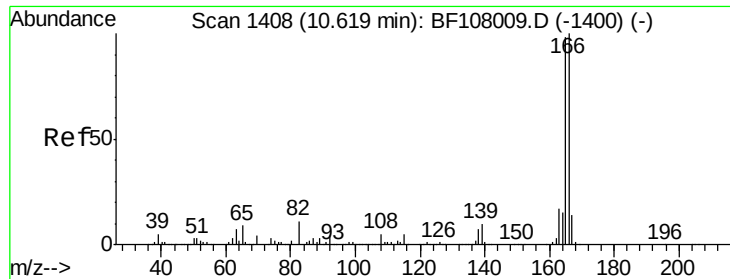
Tgt Ion	Ratio	Lower	Upper
139	100		
109	1.4	48.4	88.4#
65	1.9	72.6	112.6#



#56
2,4-Dinitrotoluene
Concen: 7.086 ng
RT: 10.06 min Scan# 1313
Delta R.T. -0.19 min
Lab File: BF108202.D
Acq: 16 Aug 2018 18:31

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#

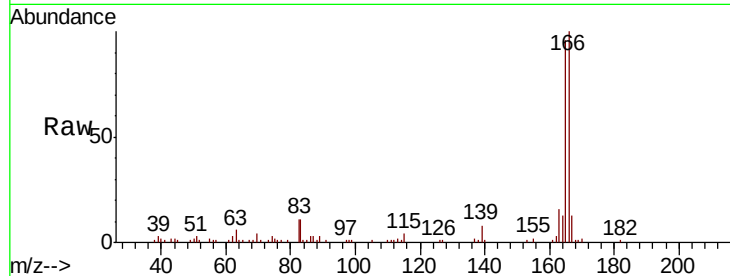




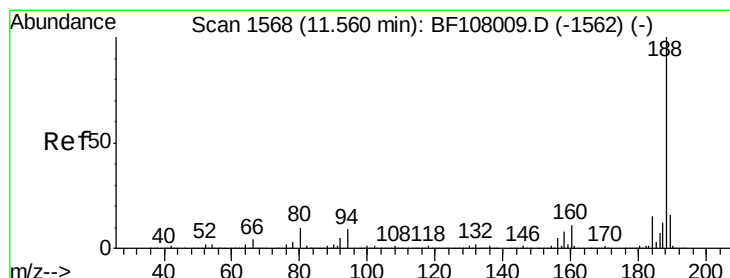
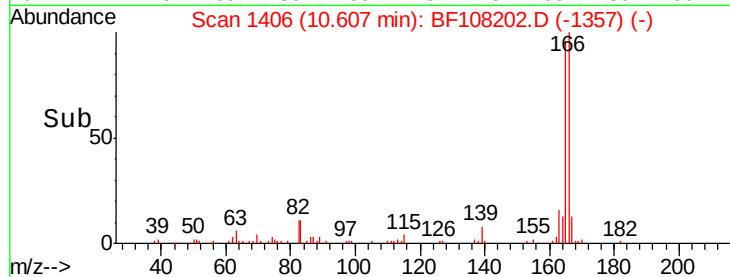
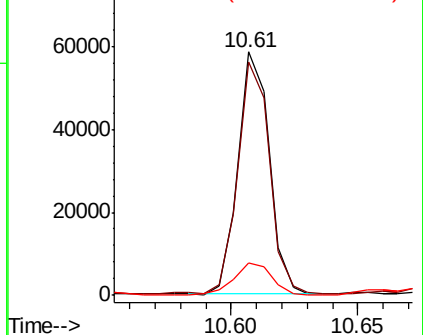
#57
 Fluorene
 Concen: 3.022 ng
 RT: 10.61 min Scan# 1406
 Delta R.T. -0.01 min
 Lab File: BF108202.D
 Acq: 16 Aug 2018 18:31

Instrument :
 BNA_F
 ClientSampleId :
 DUP(0-1)

Tgt Ion:166 Resp: 49877
 Ion Ratio Lower Upper
 166 100
 165 95.7 79.8 119.8
 167 13.4 10.6 16.0

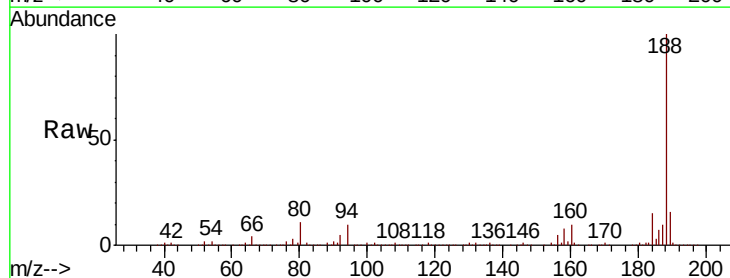


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

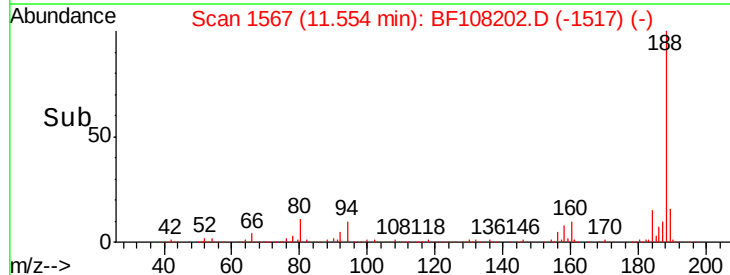
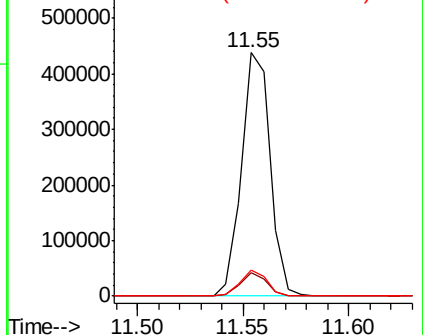


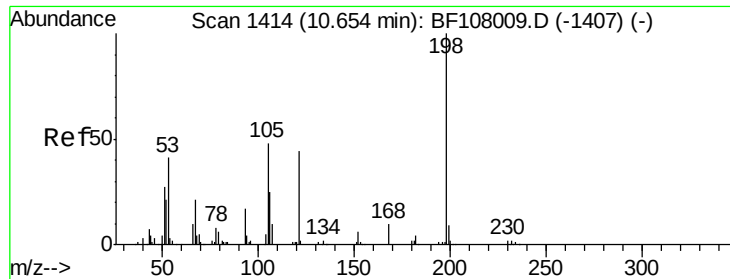
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.55 min Scan# 1567
 Delta R.T. -0.01 min
 Lab File: BF108202.D
 Acq: 16 Aug 2018 18:31

Tgt Ion:188 Resp: 412250
 Ion Ratio Lower Upper
 188 100
 94 9.8 8.5 12.7
 80 10.7 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

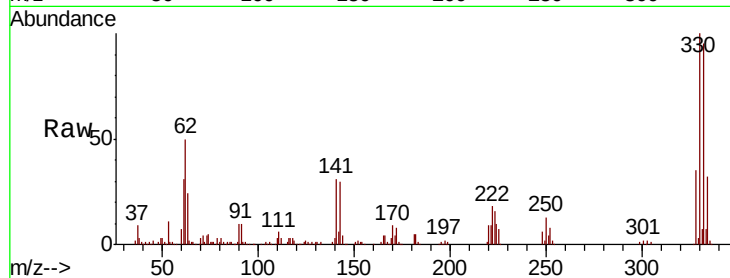




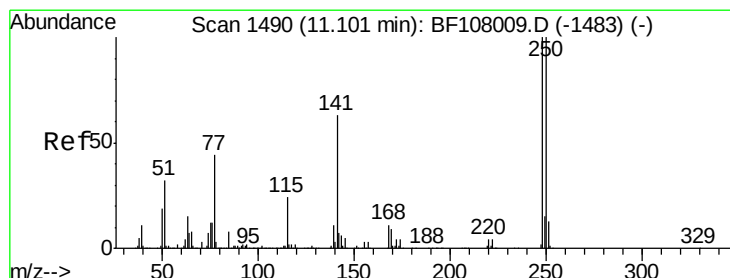
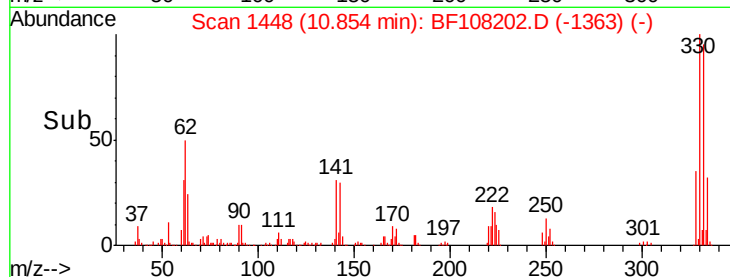
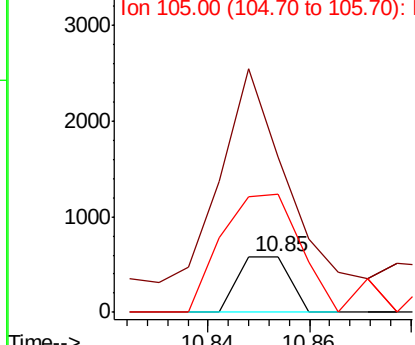
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.595 ng
 RT: 10.85 min Scan# 1448
 Delta R.T. 0.20 min
 Lab File: BF108202.D
 Acq: 16 Aug 2018 18:31

Instrument :
 BNA_F
 ClientSampleId :
 DUP(0-1)

Tgt Ion:198 Resp: 411
 Ion Ratio Lower Upper
 198 100
 51 277.3 37.7 77.7#
 105 211.8 36.3 76.3#

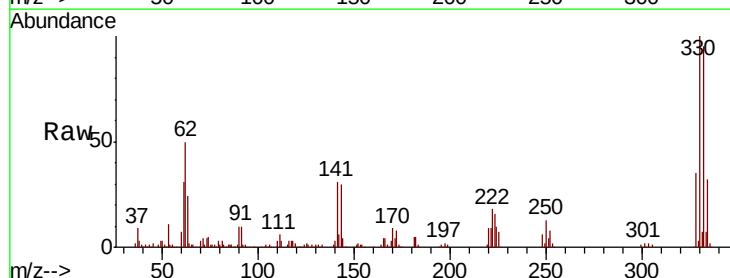


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

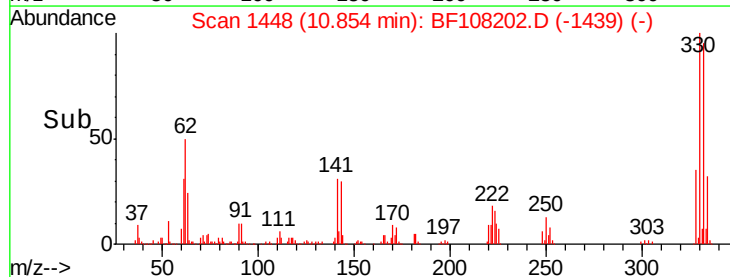
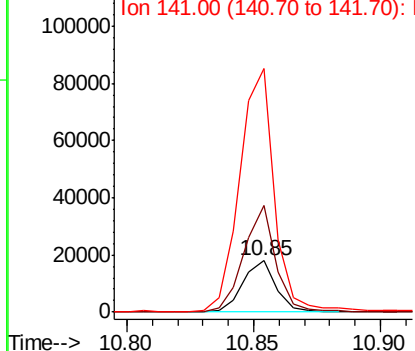


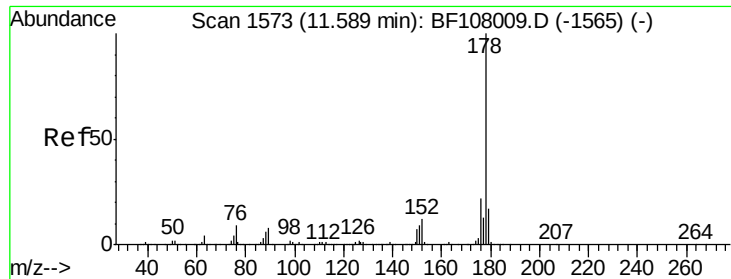
#66
 4-Bromophenyl-phenylether
 Concen: 3.600 ng
 RT: 10.85 min Scan# 1448
 Delta R.T. -0.25 min
 Lab File: BF108202.D
 Acq: 16 Aug 2018 18:31

Tgt Ion:248 Resp: 16126
 Ion Ratio Lower Upper
 248 100
 250 208.8 76.9 115.3#
 141 475.2 74.4 111.6#



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





#70

Phenanthrene

Concen: 41.626 ng

RT: 11.58 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BF108202.D

Acq: 16 Aug 2018 18:31

Instrument :

BNA_F

ClientSampleId :

DUP(0-1)

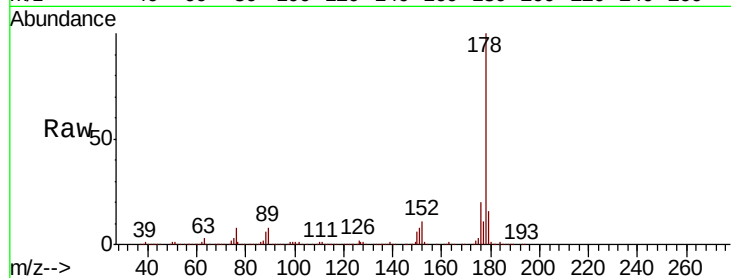
Tgt Ion:178 Resp: 809392

Ion Ratio Lower Upper

178 100

176 20.0 15.8 23.8

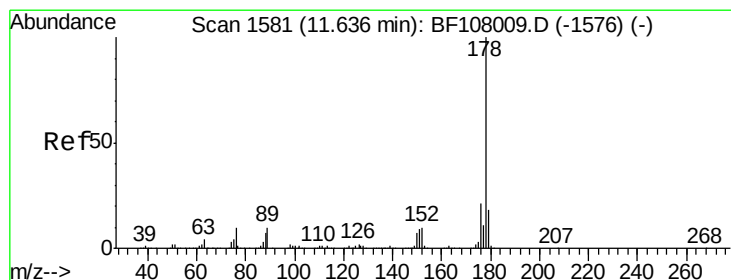
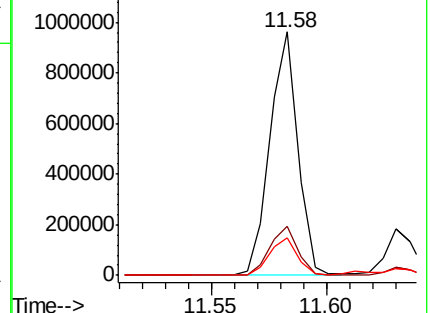
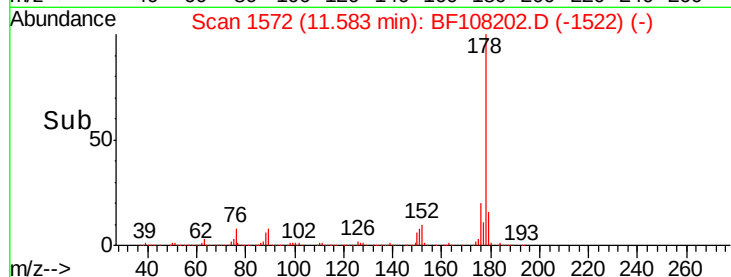
179 15.5 13.0 19.6



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



#71

Anthracene

Concen: 7.430 ng

RT: 11.63 min Scan# 1580

Delta R.T. -0.01 min

Lab File: BF108202.D

Acq: 16 Aug 2018 18:31

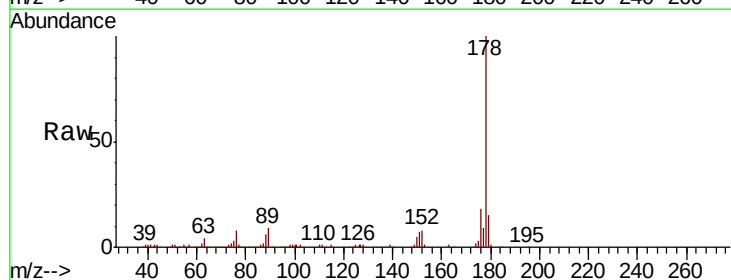
Tgt Ion:178 Resp: 148065

Ion Ratio Lower Upper

178 100

176 18.0 15.4 23.2

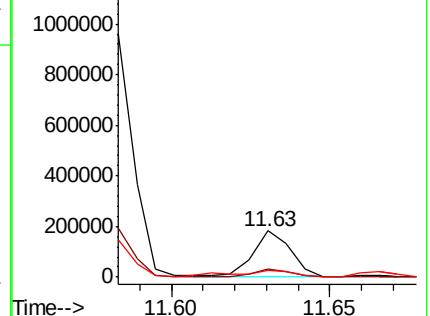
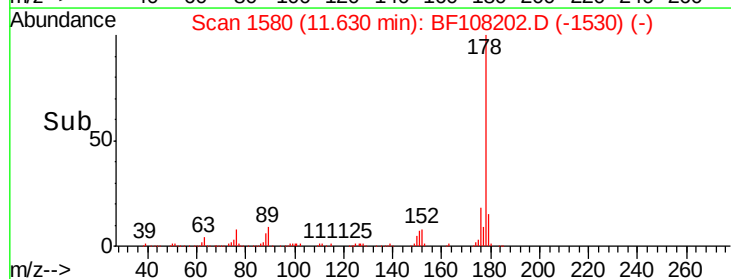
179 14.6 12.6 19.0

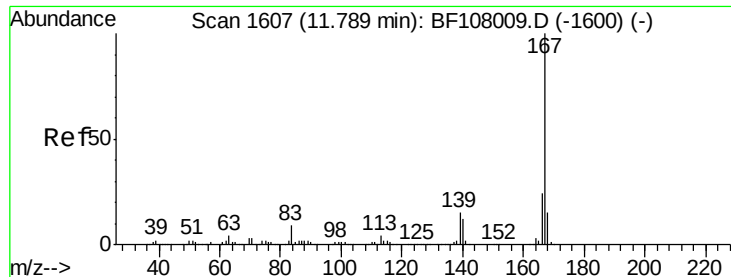


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

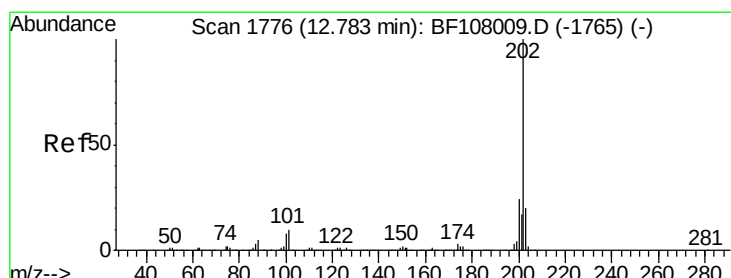
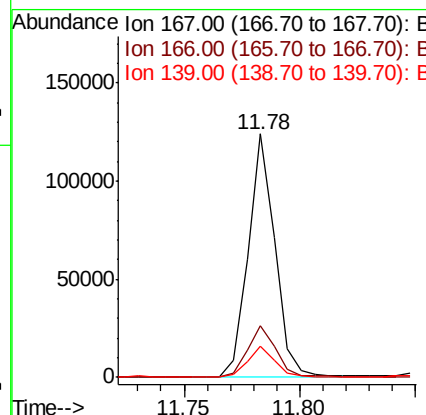
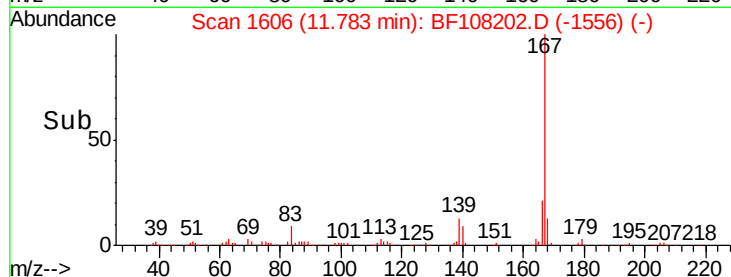
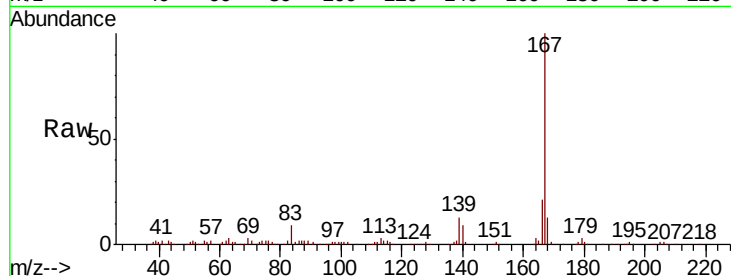




#72
 Carbazole
 Concen: 5.693 ng
 RT: 11.78 min Scan# 1606
 Delta R.T. -0.01 min
 Lab File: BF108202.D
 Acq: 16 Aug 2018 18:31

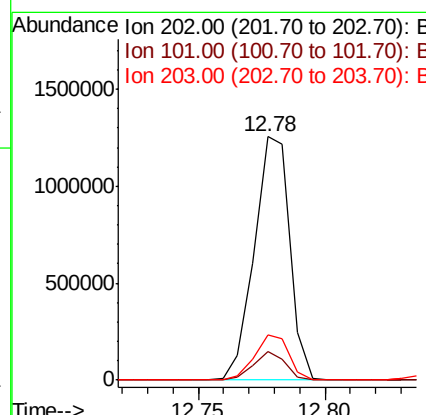
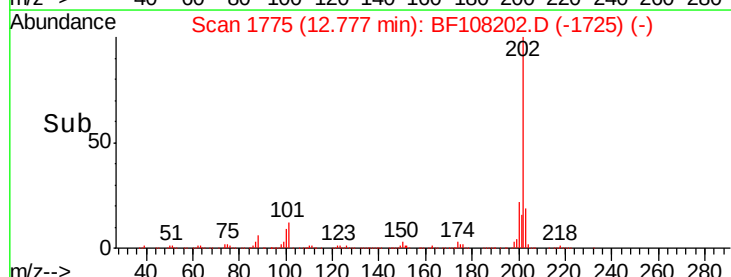
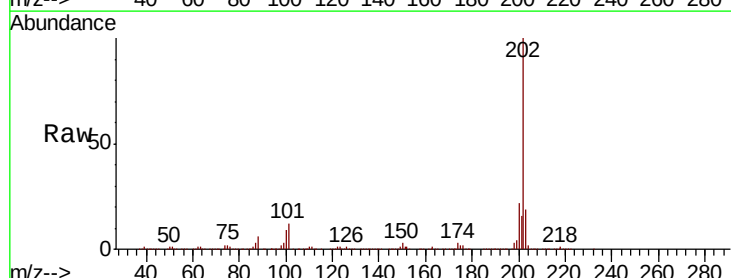
Instrument :
 BNA_F
 ClientSampleId :
 DUP(0-1)

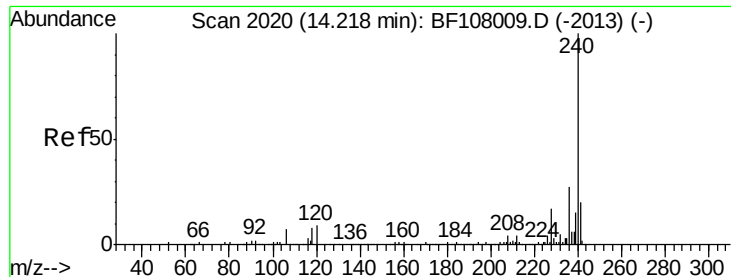
Tgt Ion:167 Resp: 100810
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.6 26.4
 139 12.6 10.9 16.3



#74
 Fluoranthene
 Concen: 57.735 ng
 RT: 12.78 min Scan# 1775
 Delta R.T. -0.01 min
 Lab File: BF108202.D
 Acq: 16 Aug 2018 18:31

Tgt Ion:202 Resp: 1225209
 Ion Ratio Lower Upper
 202 100
 101 11.8 0.0 34.1
 203 18.7 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.21 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF108202.D

Acq: 16 Aug 2018 18:31

Instrument :

BNA_F

ClientSampleId :

DUP(0-1)

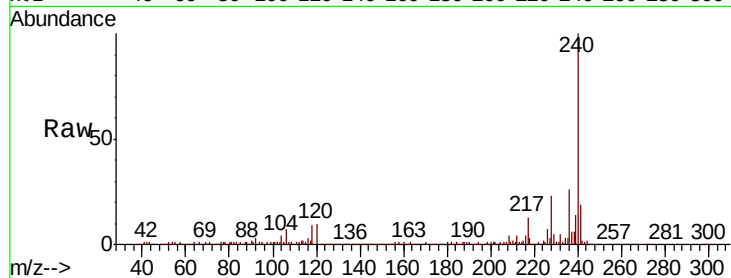
Tgt Ion:240 Resp: 381957

Ion Ratio Lower Upper

240 100

120 10.1 9.5 14.3

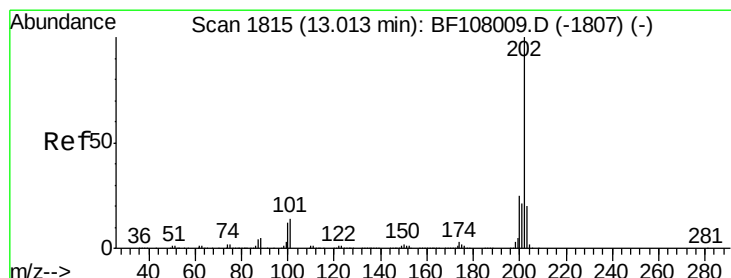
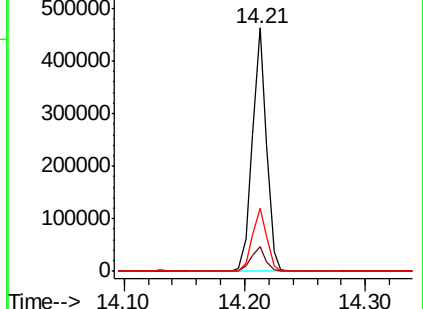
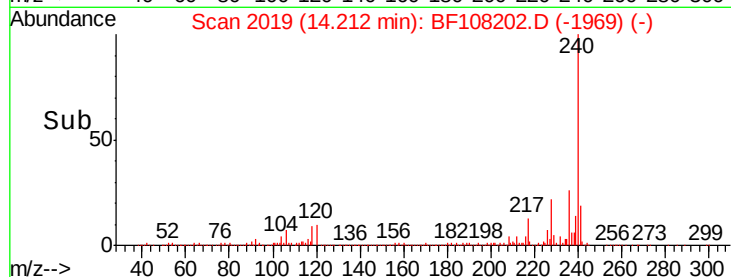
236 25.9 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 42.459 ng

RT: 13.01 min Scan# 1815

Delta R.T. 0.00 min

Lab File: BF108202.D

Acq: 16 Aug 2018 18:31

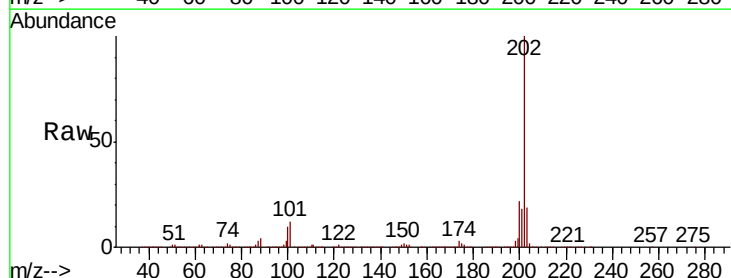
Tgt Ion:202 Resp: 1026738

Ion Ratio Lower Upper

202 100

200 22.3 17.4 26.2

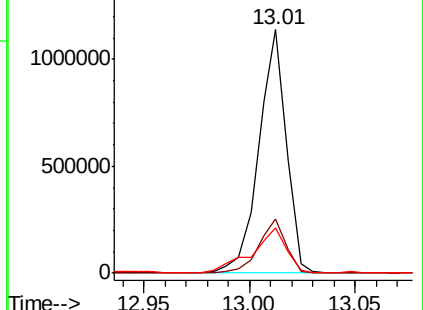
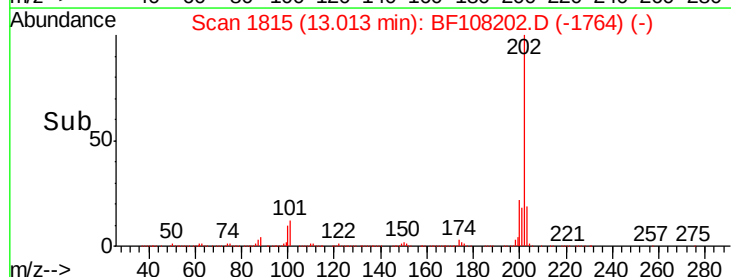
203 18.8 14.3 21.5

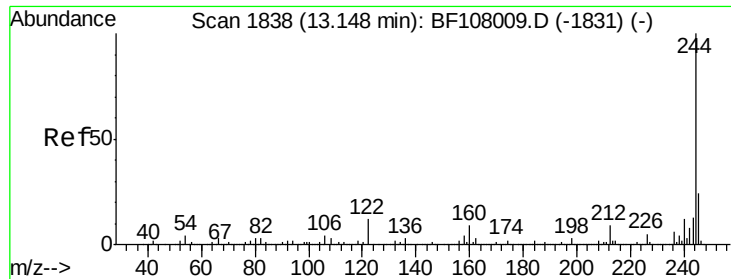


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

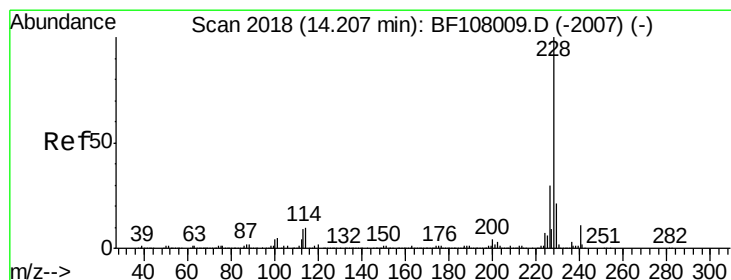
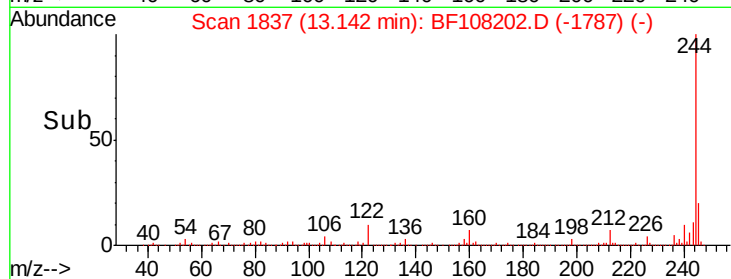
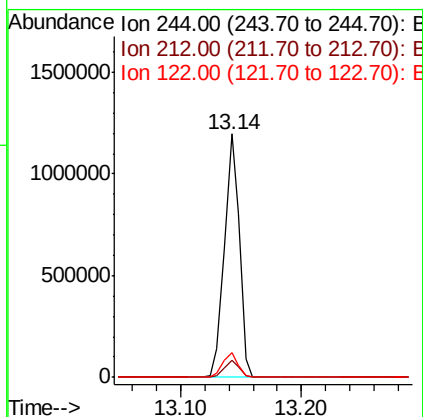
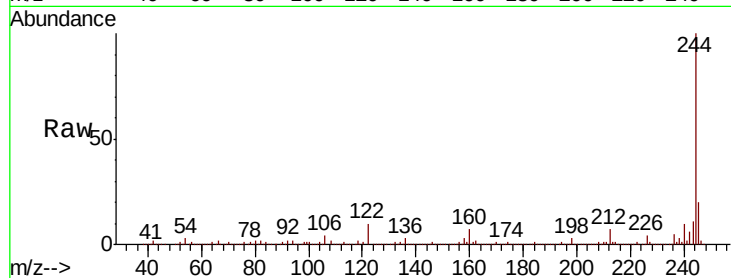




#78
 Terphenyl-d14
 Concen: 68.011 ng
 RT: 13.14 min Scan# 1837
 Delta R.T. -0.01 min
 Lab File: BF108202.D
 Acq: 16 Aug 2018 18:31

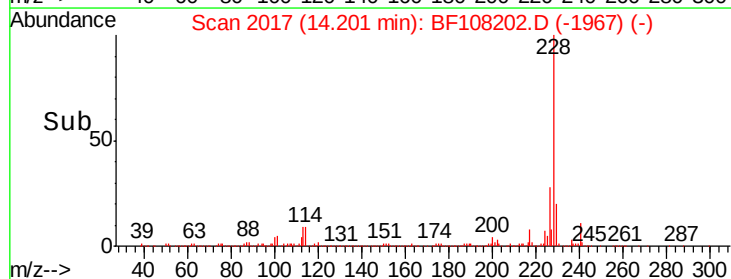
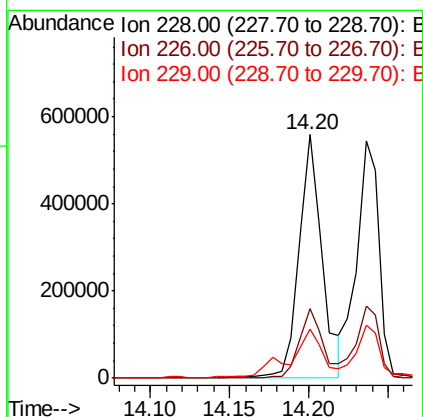
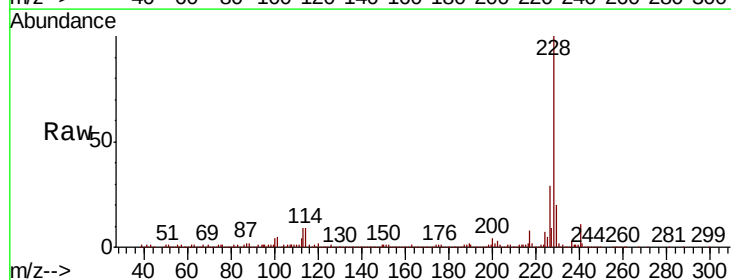
Instrument :
 BNA_F
 ClientSampleId :
 DUP(0-1)

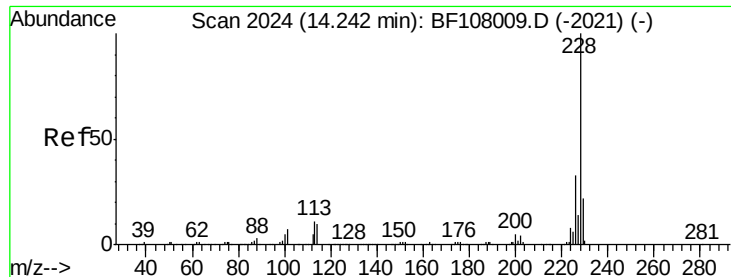
Tgt Ion:244 Resp: 1021691
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 10.4 11.0 16.4#



#80
 Benzo(a)anthracene
 Concen: 25.689 ng
 RT: 14.20 min Scan# 2017
 Delta R.T. -0.01 min
 Lab File: BF108202.D
 Acq: 16 Aug 2018 18:31

Tgt Ion:228 Resp: 563116
 Ion Ratio Lower Upper
 228 100
 226 28.5 22.6 33.8
 229 20.3 15.8 23.6





#82

Chrysene

Concen: 26.594 ng

RT: 14.24 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF108202.D

Acq: 16 Aug 2018 18:31

Instrument :

BNA_F

ClientSampleId :

DUP(0-1)

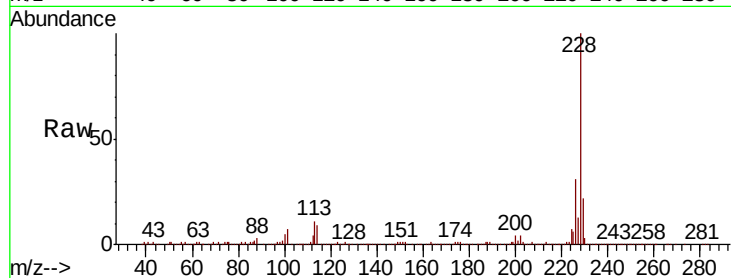
Tgt Ion: 228 Resp: 534444

Ion Ratio Lower Upper

228 100

226 30.6 25.0 37.6

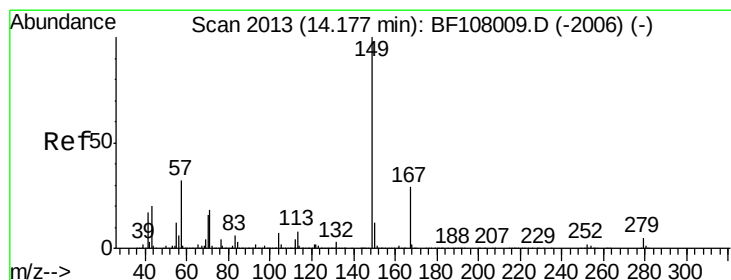
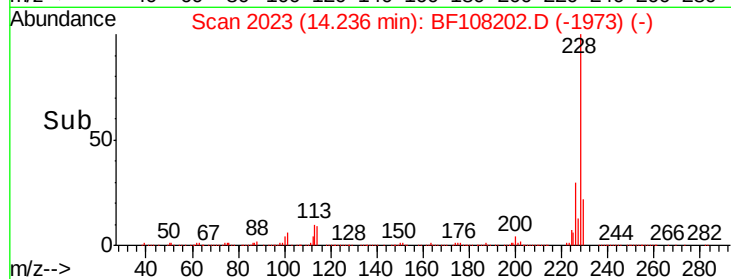
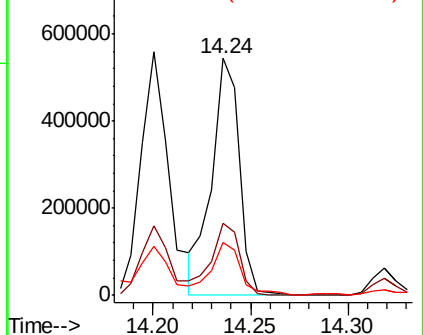
229 22.4 16.2 24.4



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.632 ng

RT: 14.17 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BF108202.D

Acq: 16 Aug 2018 18:31

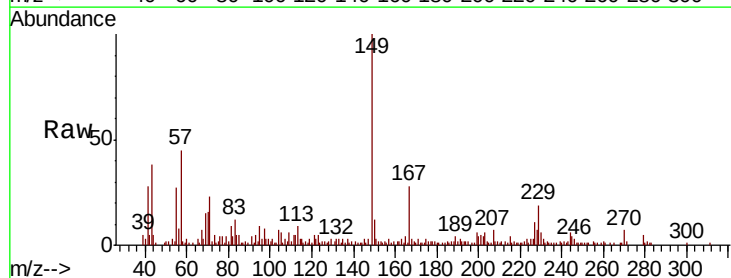
Tgt Ion: 149 Resp: 34223

Ion Ratio Lower Upper

149 100

167 27.6 21.3 31.9

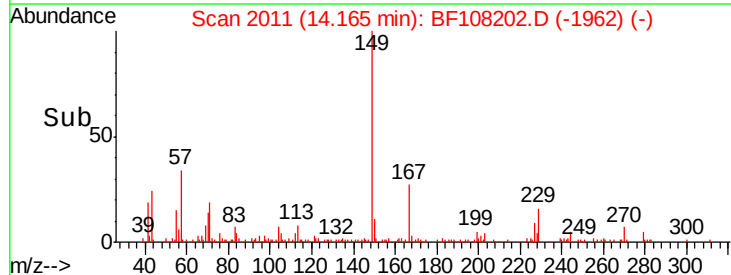
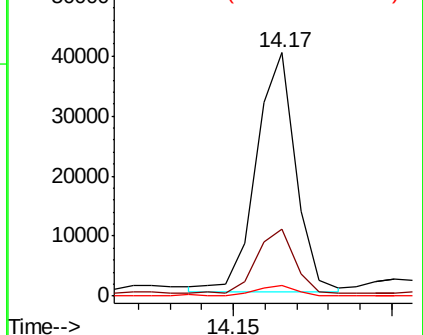
279 4.6 3.0 4.4#

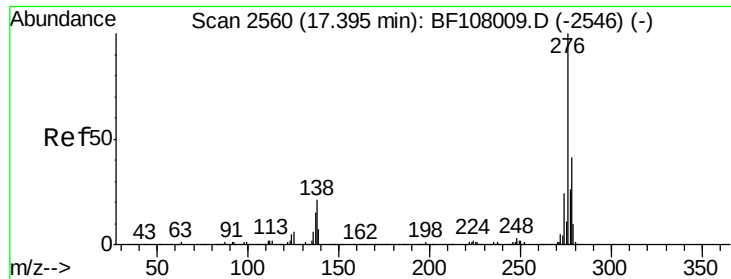


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Indeno(1,2,3-cd)pyrene

Concen: 11.266 ng

RT: 17.39 min Scan# 2559

Delta R.T. -0.01 min

Lab File: BF108202.D

Acq: 16 Aug 2018 18:31

Instrument :

BNA_F

ClientSampleId :

DUP(0-1)

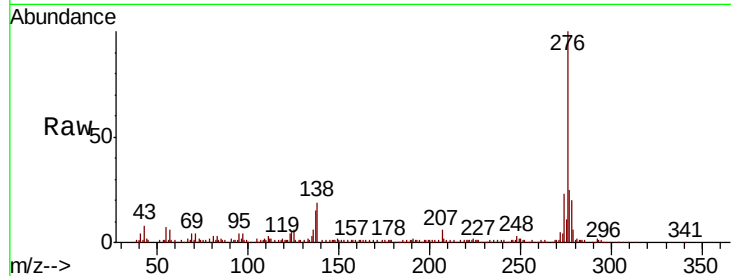
Tgt Ion: 276 Resp: 196179

Ion Ratio Lower Upper

276 100

138 20.1 25.0 37.6#

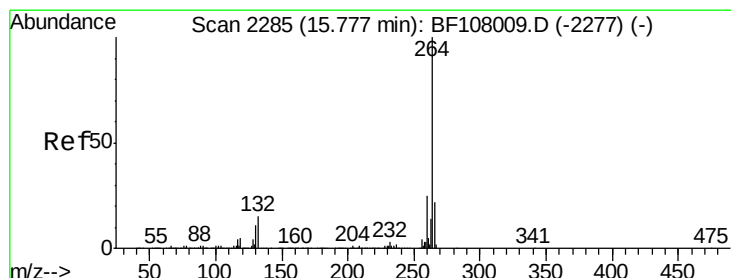
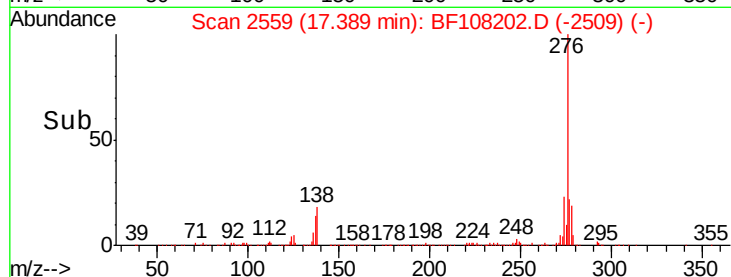
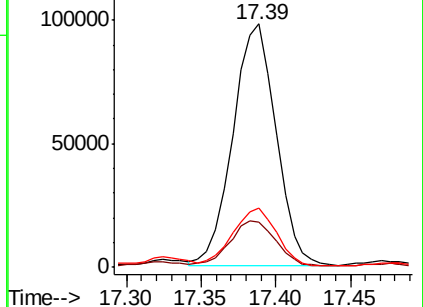
277 24.6 20.1 30.1



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.77 min Scan# 2284

Delta R.T. -0.01 min

Lab File: BF108202.D

Acq: 16 Aug 2018 18:31

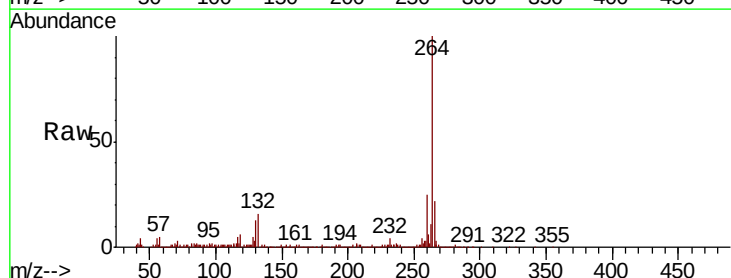
Tgt Ion: 264 Resp: 330887

Ion Ratio Lower Upper

264 100

260 25.0 19.2 28.8

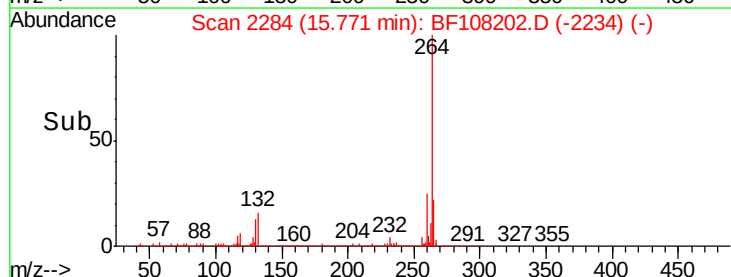
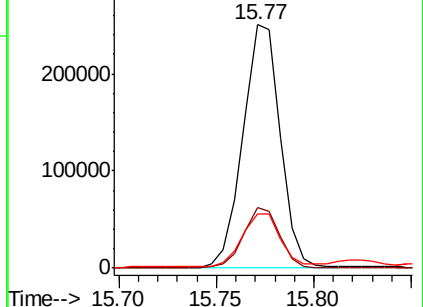
265 22.4 17.5 26.3

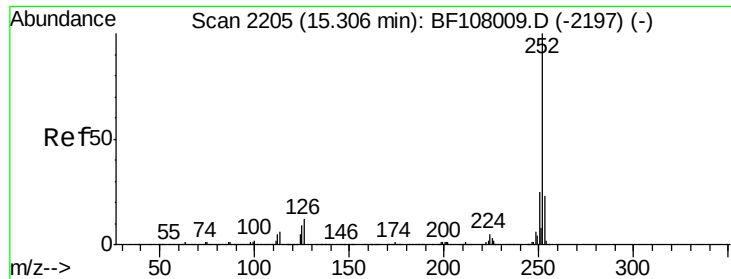


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

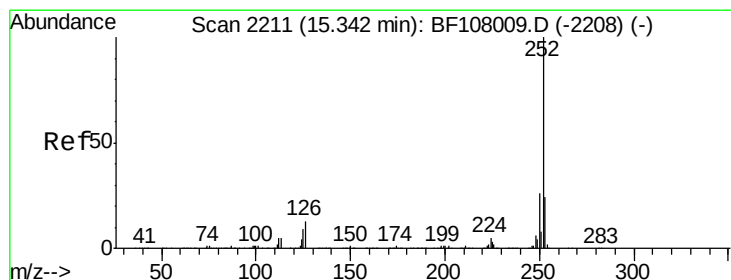
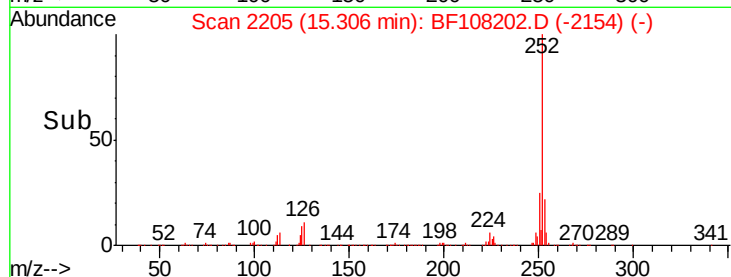
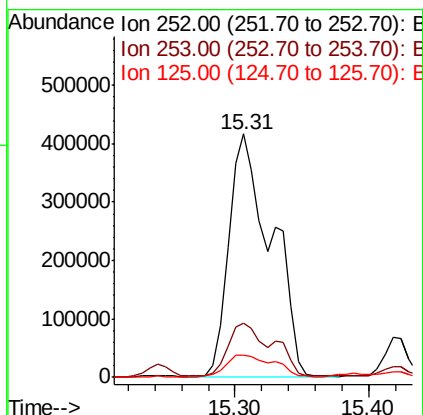
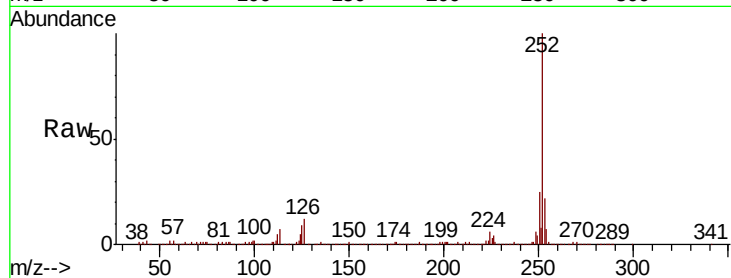




#87
Benzo(b)fluoranthene
Concen: 46.592 ng
RT: 15.31 min Scan# 2205
Delta R.T. 0.00 min
Lab File: BF108202.D
Acq: 16 Aug 2018 18:31

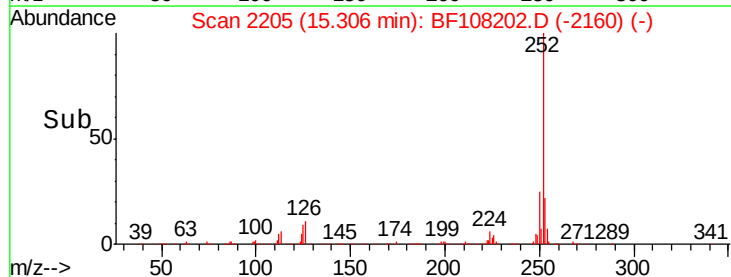
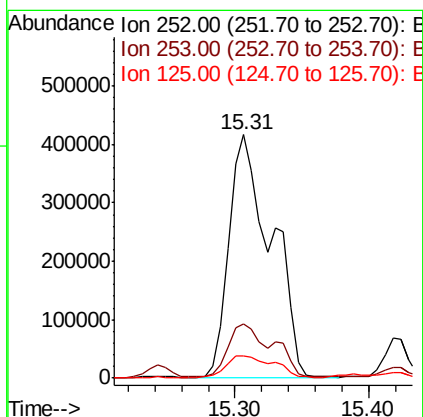
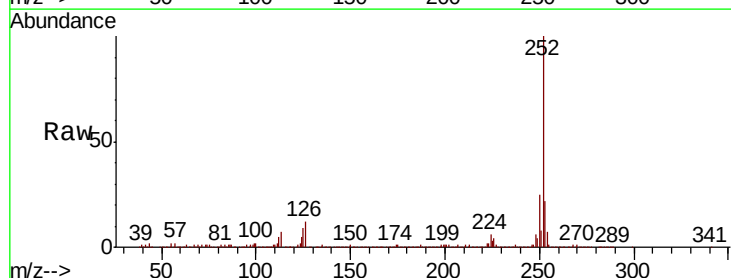
Instrument :
BNA_F
ClientSampleId :
DUP(0-1)

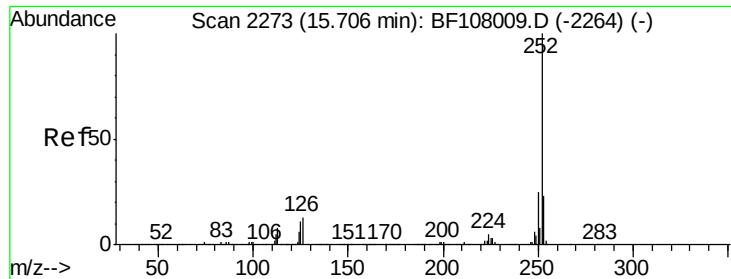
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.0	25.6
125	9.3	9.0	13.6



#88
Benzo(k)fluoranthene
Concen: 50.686 ng
RT: 15.31 min Scan# 2205
Delta R.T. -0.04 min
Lab File: BF108202.D
Acq: 16 Aug 2018 18:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	9.3	10.2	15.2#

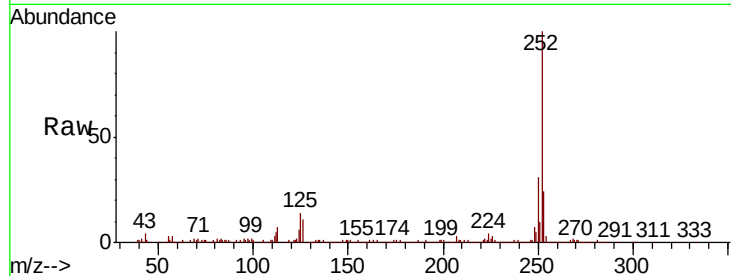




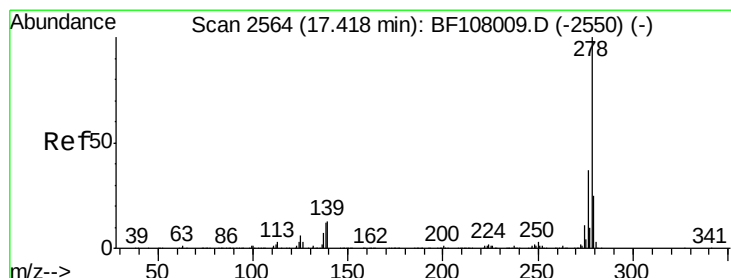
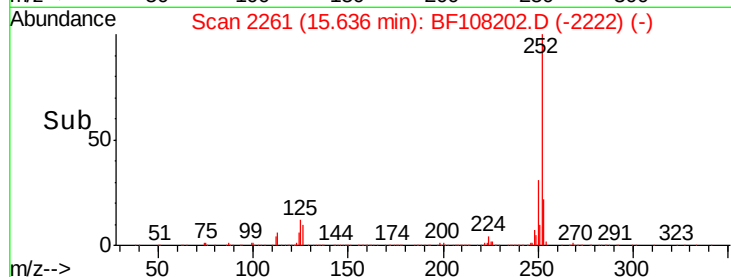
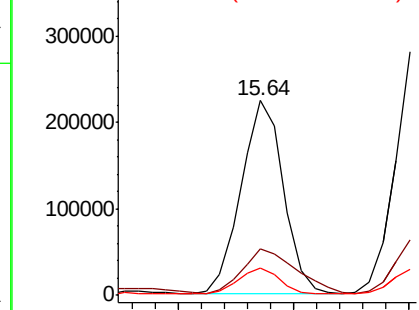
#89
Benzo(a)pyrene
Concen: 16.259 ng
RT: 15.64 min Scan# 2261
Delta R.T. -0.07 min
Lab File: BF108202.D
Acq: 16 Aug 2018 18:31

Instrument :
BNA_F
ClientSampleId :
DUP(0-1)

Tgt Ion:252 Resp: 287867
Ion Ratio Lower Upper
252 100
253 23.8 17.1 25.7
125 13.7 9.8 14.6

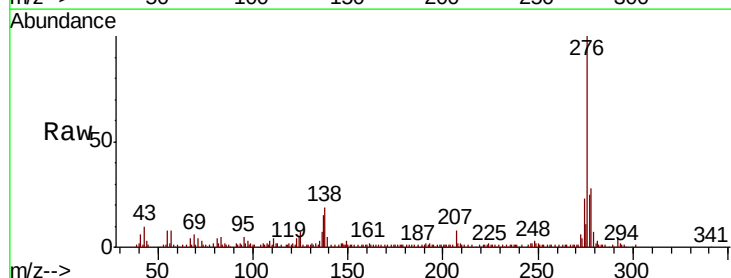


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

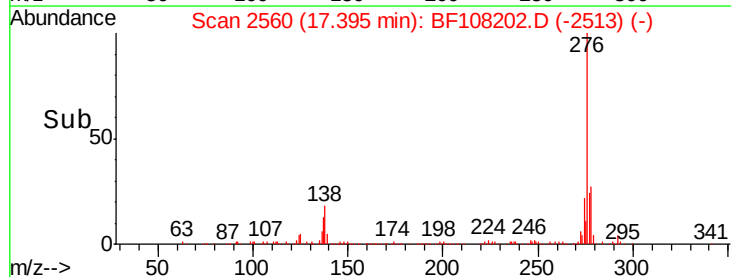
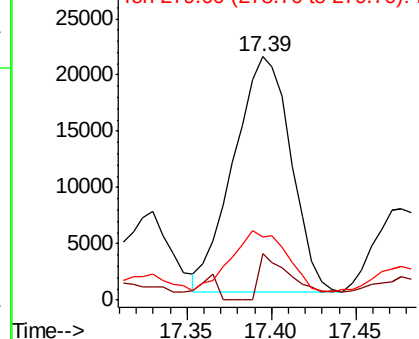


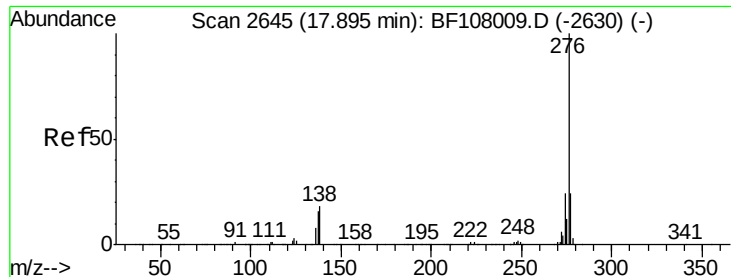
#90
Dibenzo(a,h)anthracene
Concen: 3.361 ng
RT: 17.39 min Scan# 2560
Delta R.T. -0.02 min
Lab File: BF108202.D
Acq: 16 Aug 2018 18:31

Tgt Ion:278 Resp: 49241
Ion Ratio Lower Upper
278 100
139 19.1 15.9 23.9
279 26.1 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





#91

Benzo(g,h,i)perylene

Concen: 11.792 ng

RT: 17.88 min Scan# 2643

Delta R.T. -0.01 min

Lab File: BF108202.D

Acq: 16 Aug 2018 18:31

Instrument :

BNA_F

ClientSampleId :

DUP(0-1)

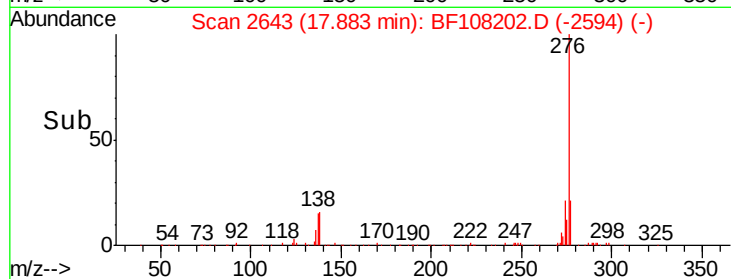
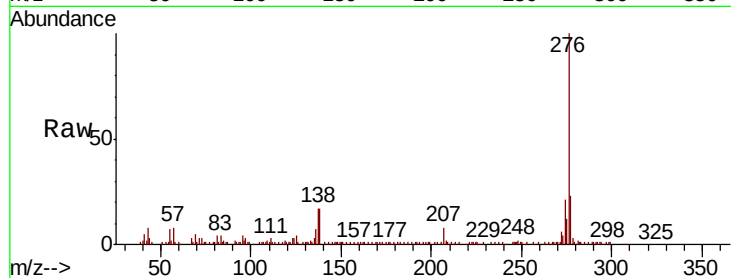
Tgt Ion: 276 Resp: 170106

Ion Ratio Lower Upper

276 100

277 22.6 17.9 26.9

138 17.0 21.8 32.8#



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

