

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012319\
 Data File : BF112203.D
 Acq On : 23 Jan 2019 15:51
 Operator : JU/SJ
 Sample : K1220-03 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 23 16:19:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 19 01:02:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	240186	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	906997	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	382262	20.00	ng	-0.01
64) Phenanthrene-d10	11.37	188	642531	20.00	ng	-0.01
76) Chrysene-d12	14.03	240	611873	20.00	ng	0.00
87) Perylene-d12	15.50	264	562144	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.48	112	599638	45.31	ng	-0.01
7) Phenol-d6	6.49	99	756644	45.70	ng	-0.01
23) Nitrobenzene-d5	7.41	82	475323	36.21	ng	-0.02
42) 2,4,6-Tribromophenol	10.68	330	191377	46.41	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	926302	35.53	ng	-0.01
79) Terphenyl-d14	12.96	244	841103	29.24	ng	-0.01

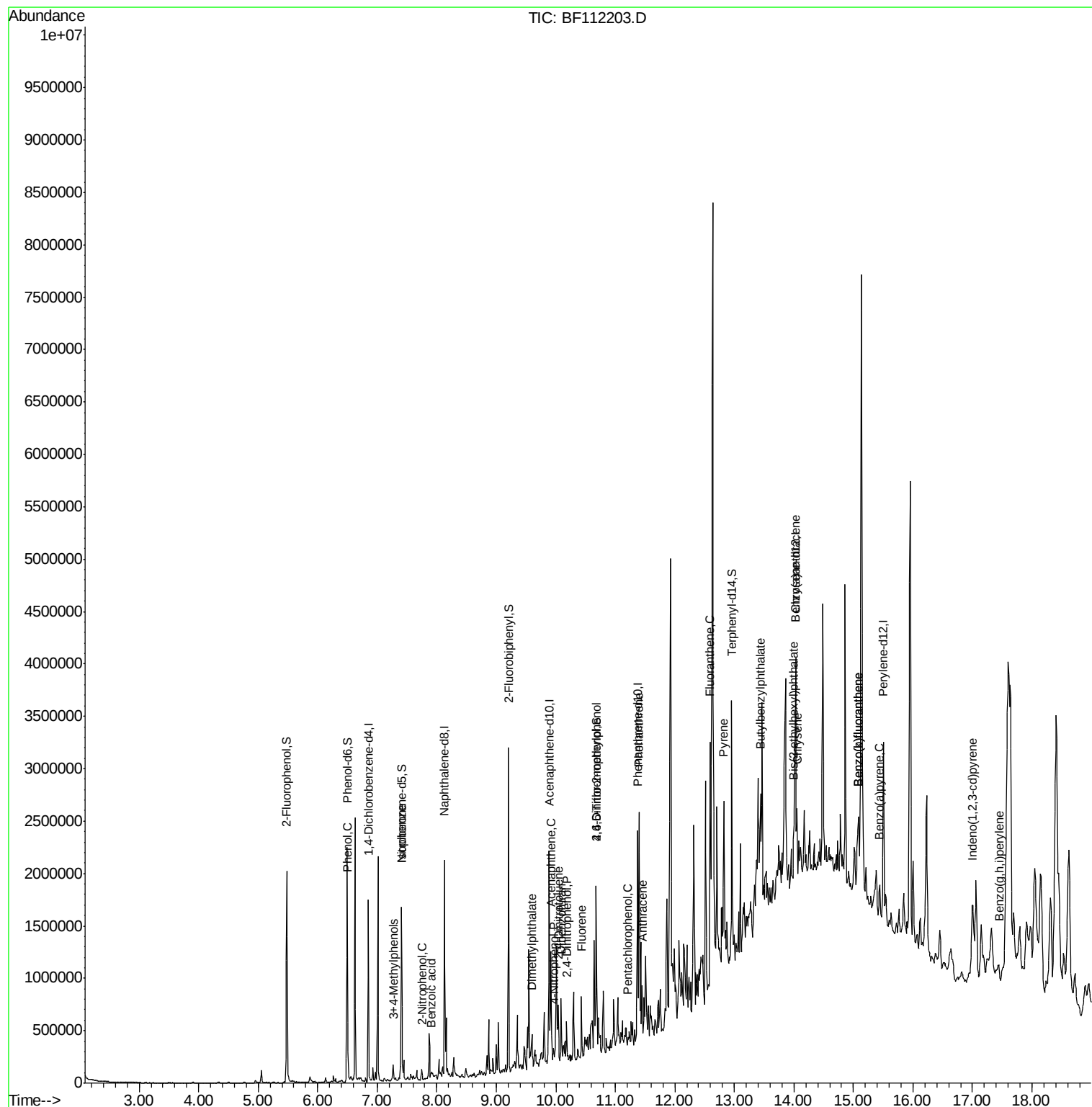
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.40	77	6030	Below Cal		91
10) Phenol	6.50	94	65625	3.627	ng	81
20) 3+4-Methylphenols	7.27	107	48111	3.438	ng	# 55
25) Isophorone	7.41	82	465629	18.363	ng	# 64
26) 2-Nitrophenol	7.75	139	886	5.790	ng	# 20
32) Benzoic acid	7.92	122	11306	9.444	ng	# 30
50) Dimethylphthalate	9.60	163	70523	2.530	ng	99
52) Acenaphthene	9.92	154	111682	4.999	ng	97
54) 2,4-Dinitrophenol	10.17	184	1091	8.749	ng	# 58
55) Dibenzofuran	10.09	168	127989	3.789	ng	99
56) 4-Nitrophenol	9.96	139	2751	6.229	ng	# 76
57) 2,4-Dinitrotoluene	10.05	165	3515	5.027	ng	# 58
58) Fluorene	10.43	166	152331	6.035	ng	99
65) 4,6-Dinitro-2-methylphenol	10.68	198	1134	10.404	ng	# 1
70) Pentachlorophenol	11.20	266	3061	6.837	ng	# 83
71) Phenanthrene	11.40	178	722030	22.329	ng	98
72) Anthracene	11.45	178	137293	4.191	ng	98
75) Fluoranthene	12.59	202	801910	23.488	ng	99
78) Pvrene	12.82	202	635035	15.731	ng	98
80) Butylbenzylphthalate	13.44	149	40506	2.287	ng	# 77
81) Benzo(a)anthracene	14.02	228	243003	6.927	ng	99
83) Chrysene	14.05	228	220467	6.641	ng	98
84) Bis(2-ethylhexyl)phthalate	14.00	149	123010	4.846	ng	# 89
86) Indeno(1,2,3-cd)pyrene	16.99	276	72634	2.372	ng	94
88) Benzo(b)fluoranthene	15.07	252	318197	9.972	ng	# 88
89) Benzo(k)fluoranthene	15.07	252	318197	10.303	ng	# 88
90) Benzo(a)pyrene	15.44	252	133160	4.550	ng	# 83
92) Benzo(g,h,i)perylene	17.44	276	67656	2.642	ng	# 91

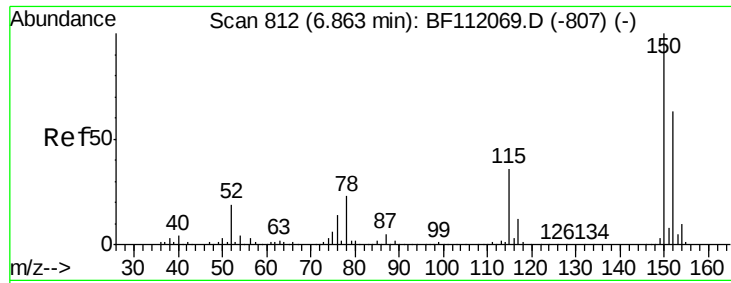
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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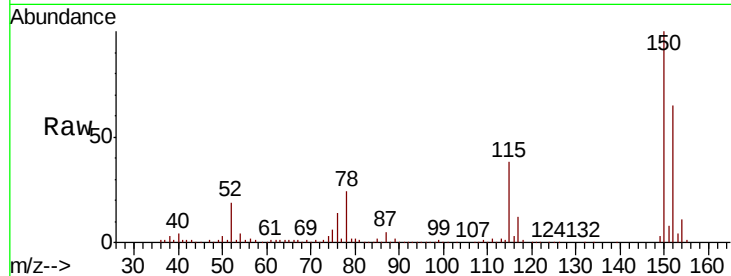


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF112203.D
Acq: 23 Jan 2019 15:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.8	127.4	191.0
115	58.3	45.5	68.3

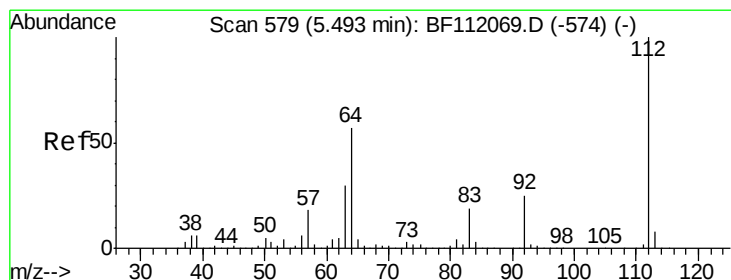
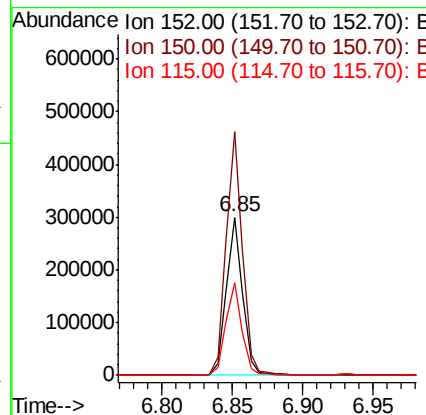
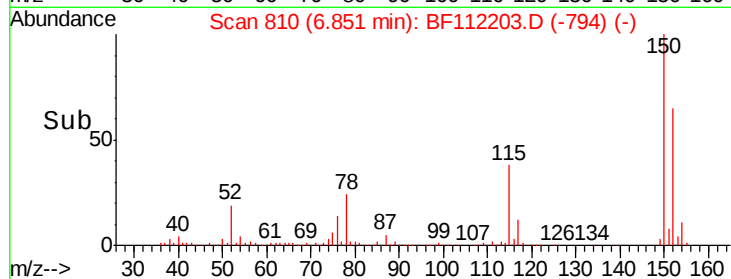


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

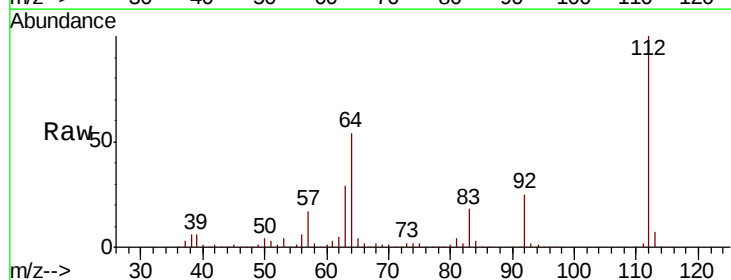
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 45.313 ng
RT: 5.48 min Scan# 577
Delta R.T. -0.01 min
Lab File: BF112203.D
Acq: 23 Jan 2019 15:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.4	45.7	68.5
63	29.1	23.6	35.4

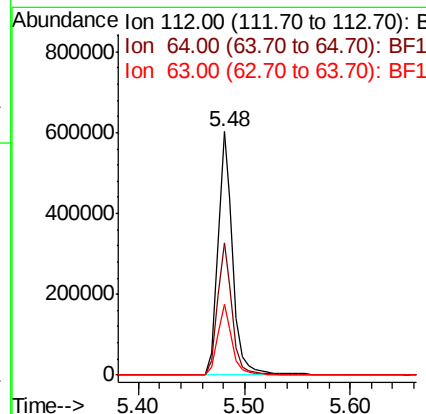
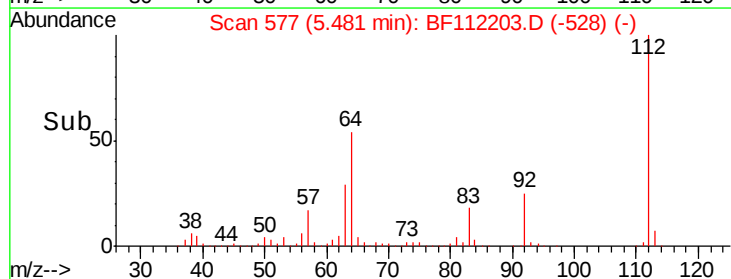


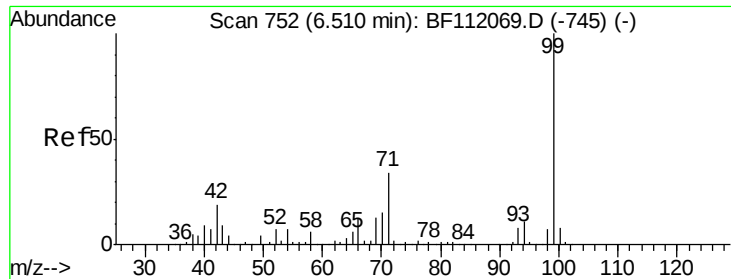
Abundance

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: 45.700 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF112203.D

Acq: 23 Jan 2019 15:51

Instrument :

BNA_F

ClientSampled :

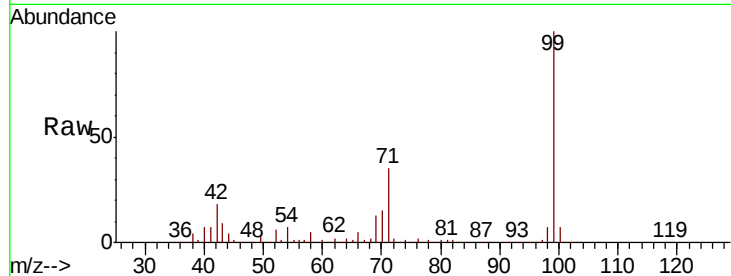
Tot Ion: 99 Resp: 756644

Ion Ratio Lower Upper

99 100

42 18.1 15.1 22.7

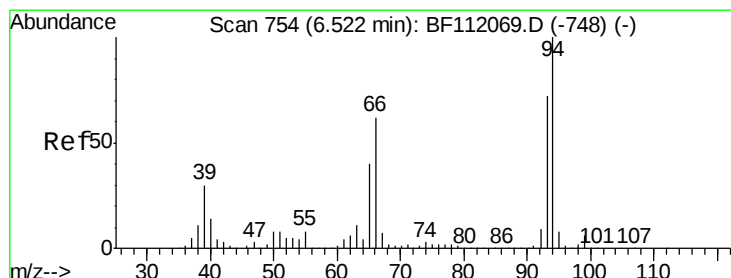
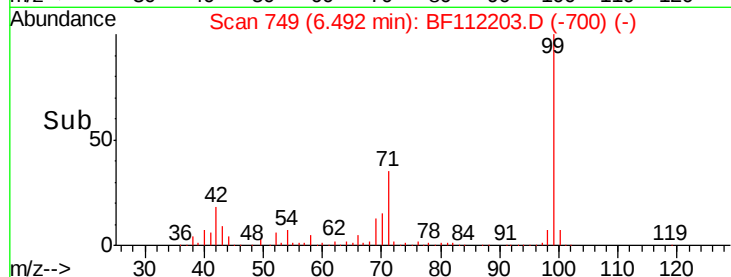
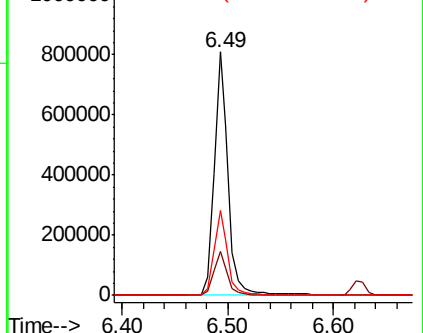
71 34.7 26.9 40.3



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



#10

Phenol

Concen: 3.627 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.02 min

Lab File: BF112203.D

Acq: 23 Jan 2019 15:51

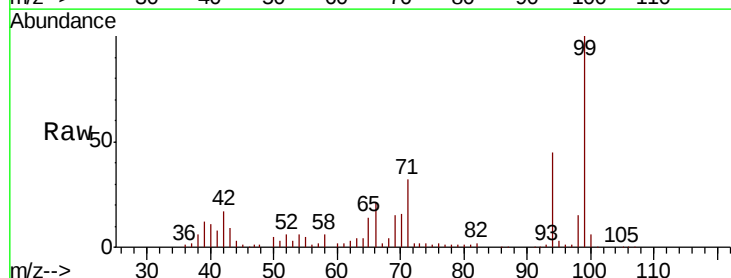
Tgt Ion: 94 Resp: 65625

Ion Ratio Lower Upper

94 100

65 30.5 20.3 60.3

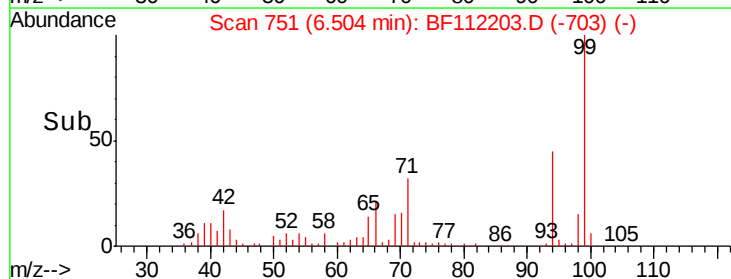
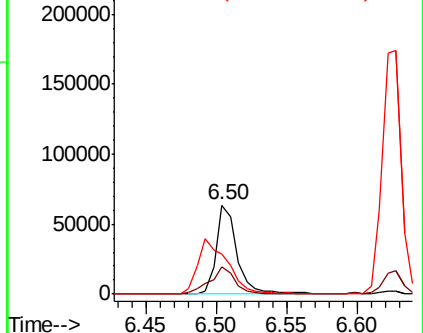
66 45.7 42.4 82.4

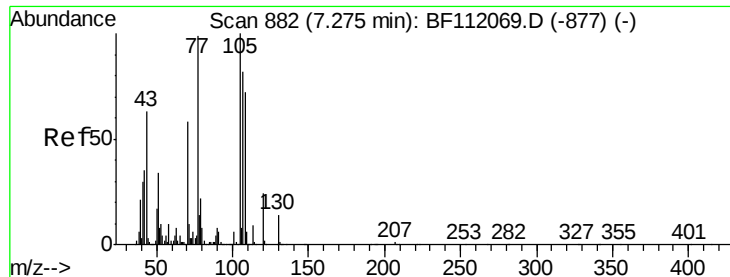


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

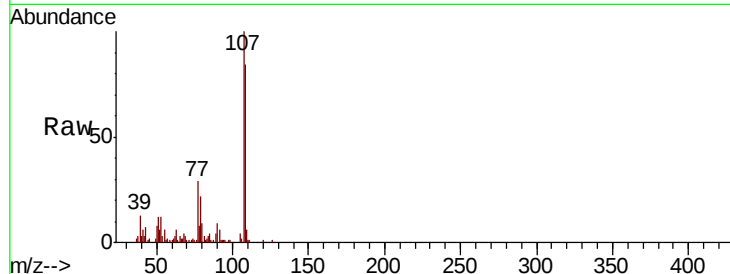




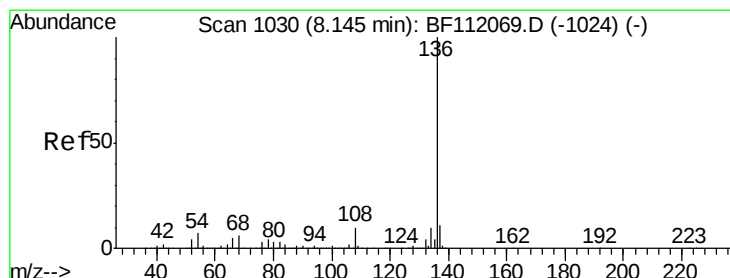
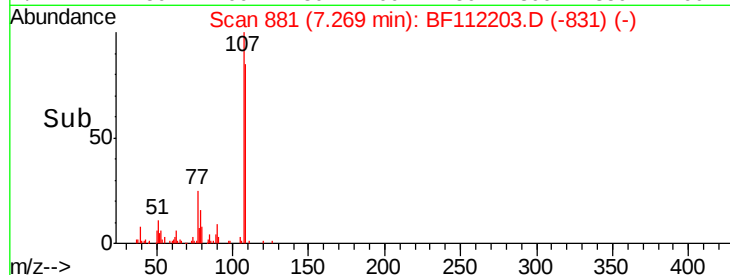
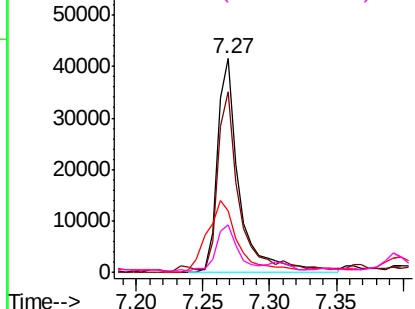
#20
3+4-Methylphenols
Concen: 3.438 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF112203.D
Acq: 23 Jan 2019 15:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107	Resp:	48111
Ion Ratio	Lower	Upper
107	100	
108	84.2	68.2 108.2
77	28.6	100.7 140.7#
79	22.2	7.3 47.3

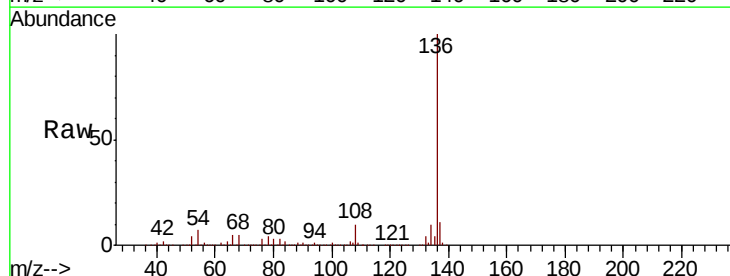


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

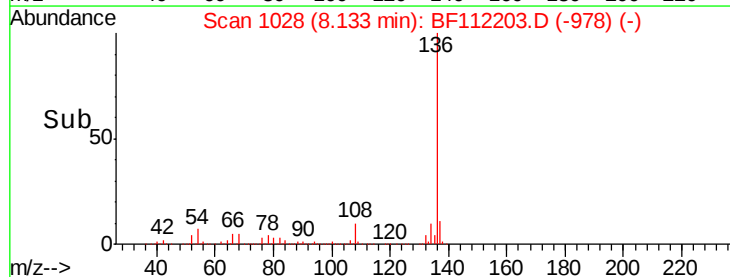
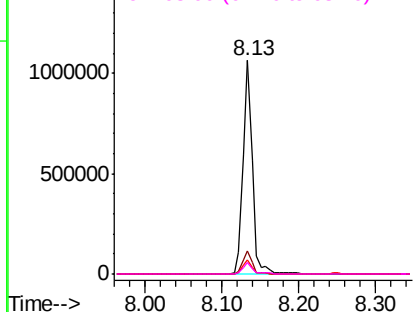


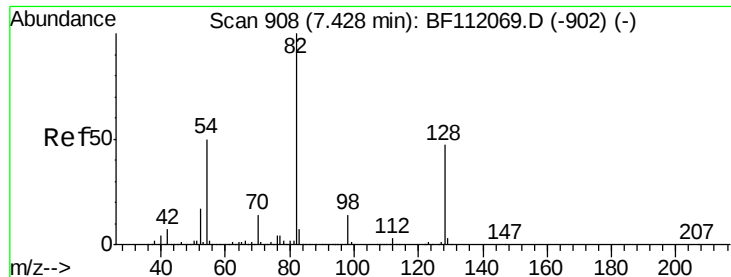
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF112203.D
Acq: 23 Jan 2019 15:51

Tgt Ion:136	Resp:	906997
Ion Ratio	Lower	Upper
136	100	
137	11.1	9.1 13.7
54	6.6	5.9 8.9
68	5.3	5.1 7.7



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

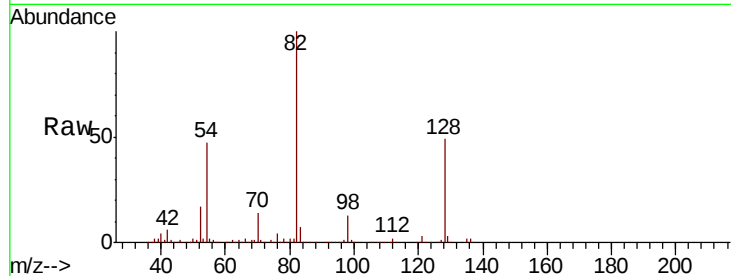




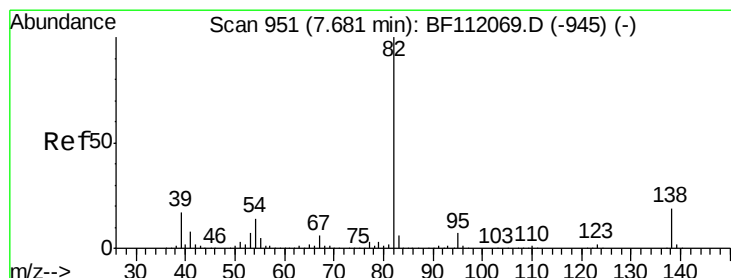
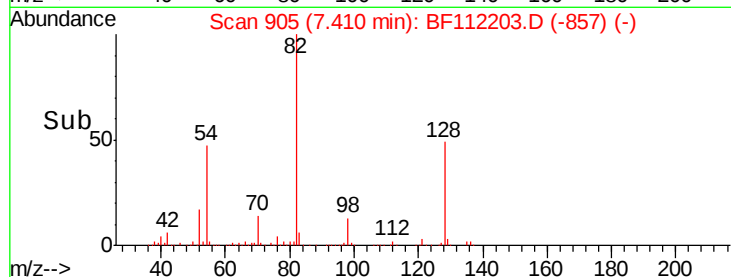
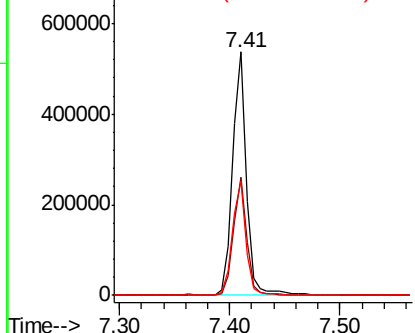
#23
 Nitrobenzene-d5
 Concen: 36.207 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.02 min
 Lab File: BF112203.D
 Acq: 23 Jan 2019 15:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	475323
Ion Ratio	Lower	Upper	
82	100		
128	48.6	37.8	56.8
54	46.9	39.7	59.5

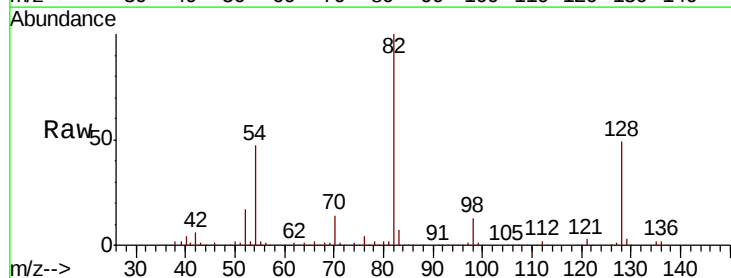


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

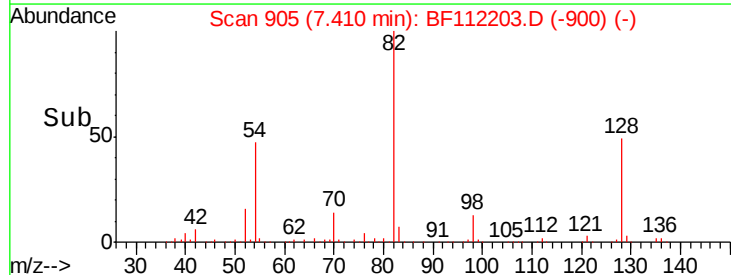
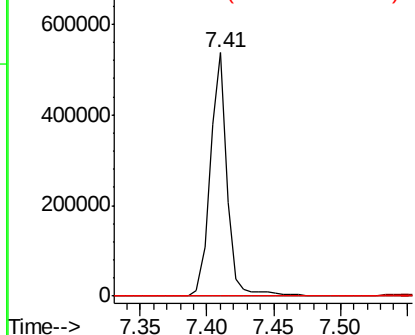


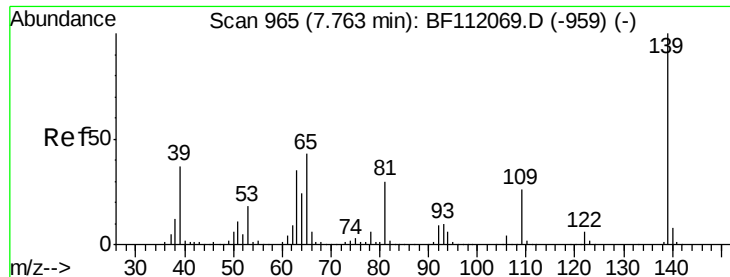
#25
 Isophorone
 Concen: 18.363 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.27 min
 Lab File: BF112203.D
 Acq: 23 Jan 2019 15:51

Tgt Ion	82	Resp	465629
Ion Ratio	Lower	Upper	
82	100		
95	0.2	5.7	8.5#
138	0.0	15.4	23.0#



Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 138.00 (137.70 to 138.70): BF1

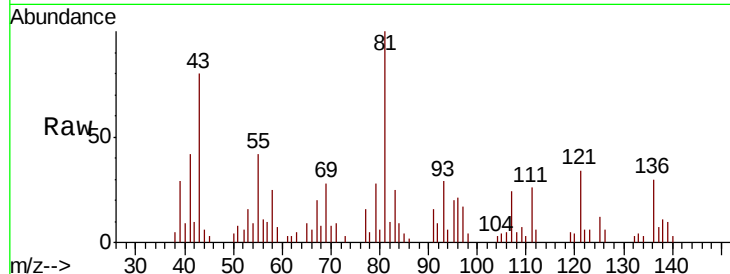




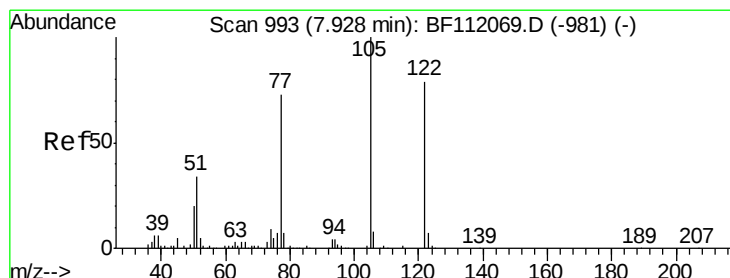
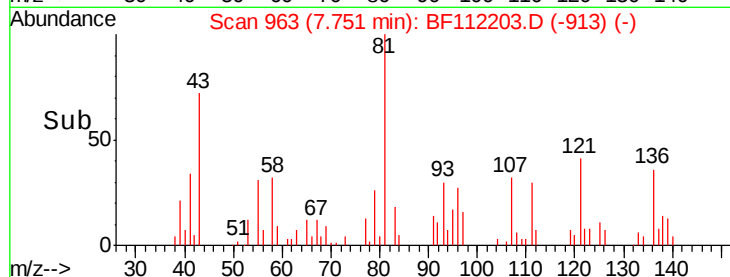
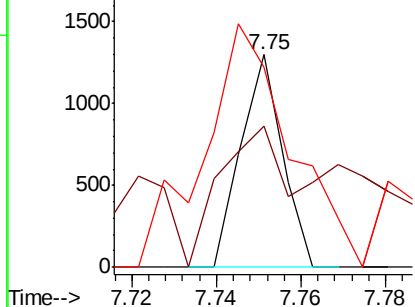
#26
2-Nitrophenol
Concen: 5.790 ng
RT: 7.75 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF112203.D
Acq: 23 Jan 2019 15:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
139	100		
109	66.6	20.8	31.2#
65	94.2	34.4	51.6#

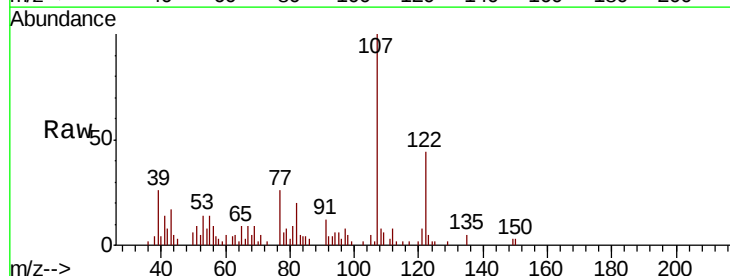


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

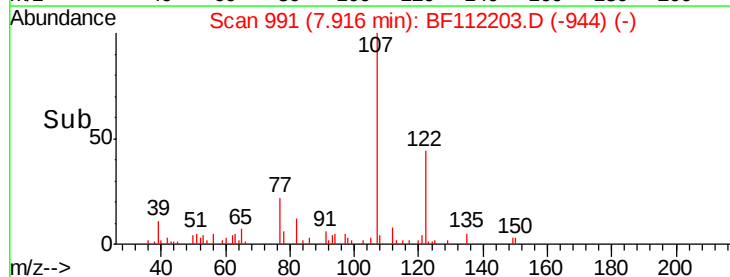
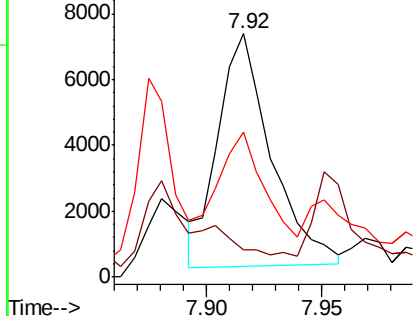


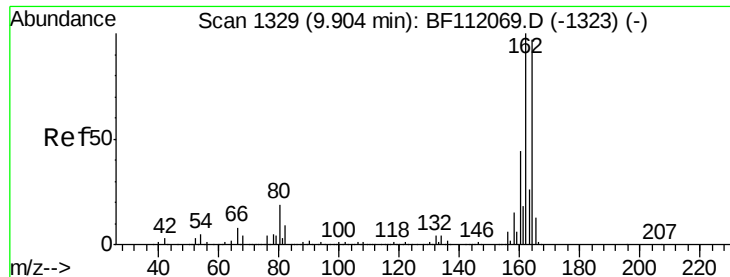
#32
Benzoic acid
Concen: 9.444 ng
RT: 7.92 min Scan# 991
Delta R.T. -0.02 min
Lab File: BF112203.D
Acq: 23 Jan 2019 15:51

Tgt Ion	Ratio	Lower	Upper
122	100		
105	11.4	101.2	141.2#
77	59.6	70.4	110.4#



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

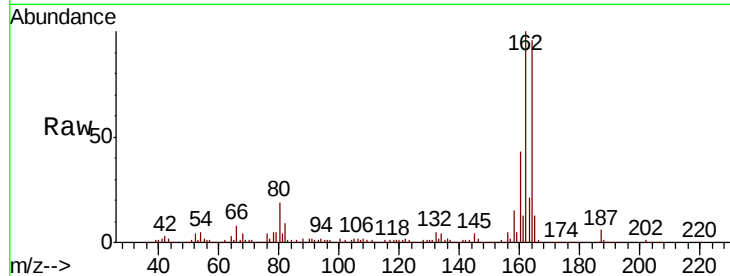




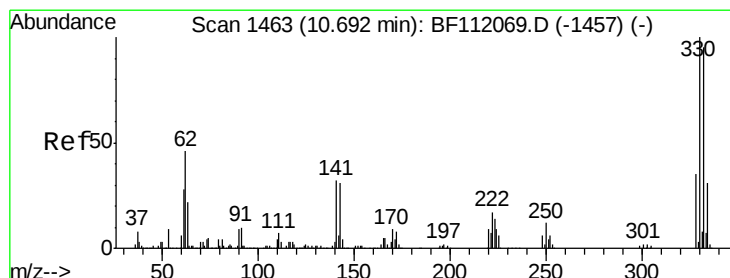
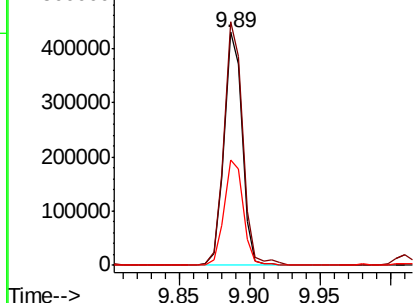
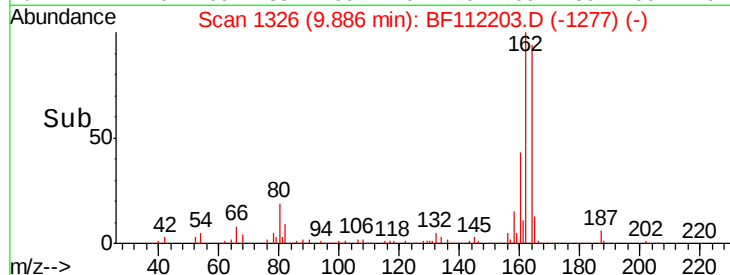
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.01 min
 Lab File: BF112203.D
 Acq: 23 Jan 2019 15:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 382262
 Ion Ratio Lower Upper
 164 100
 162 104.5 82.2 123.4
 160 45.3 36.2 54.4

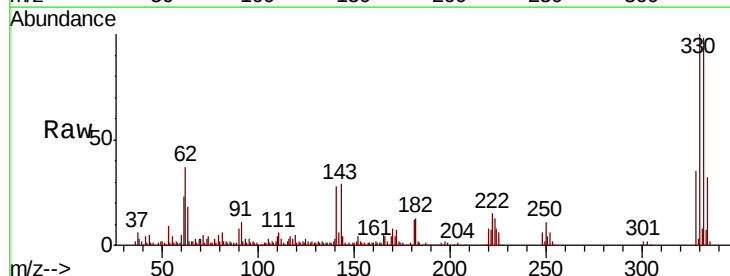


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

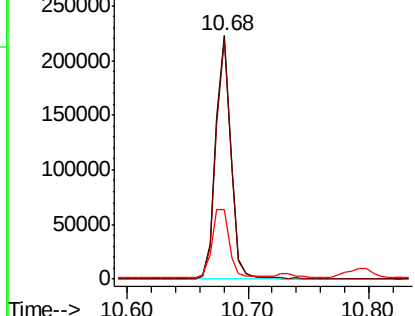
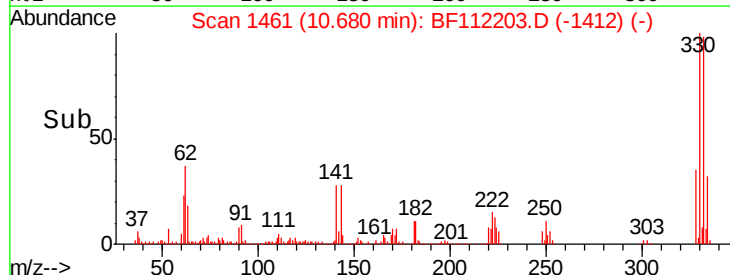


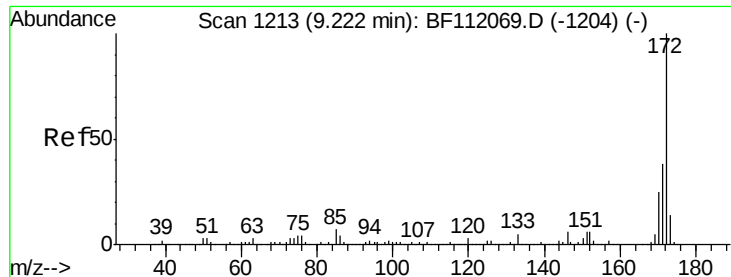
#42
 2,4,6-Tribromophenol
 Concen: 46.408 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF112203.D
 Acq: 23 Jan 2019 15:51

Tgt Ion:330 Resp: 191377
 Ion Ratio Lower Upper
 330 100
 332 97.7 76.6 114.8
 141 33.3 24.3 36.5



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

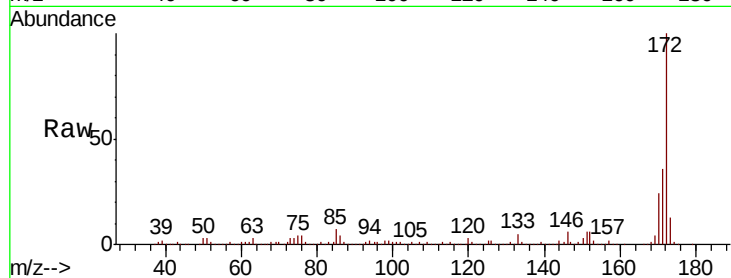




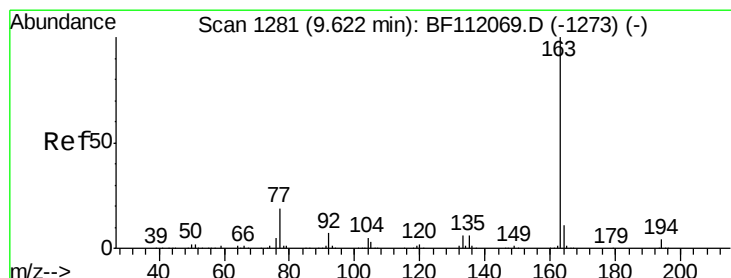
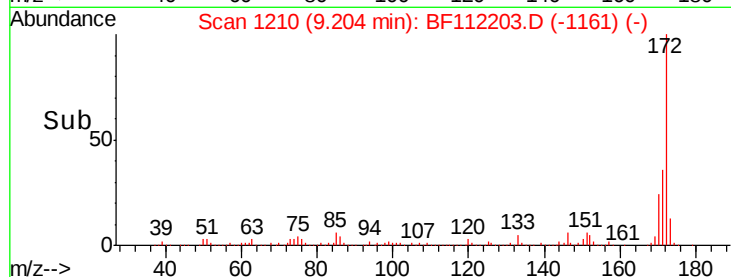
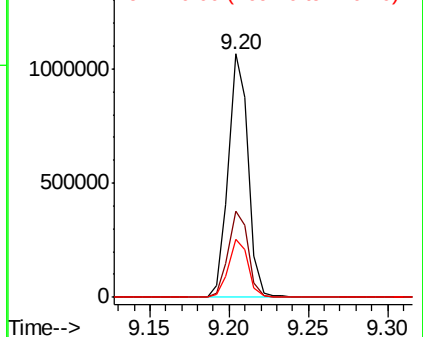
#45
2-Fluorobiphenyl
Concen: 35.527 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF112203.D
Acq: 23 Jan 2019 15:51

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 926302
Ion Ratio Lower Upper
172 100
171 35.5 30.5 45.7
170 23.9 20.2 30.4

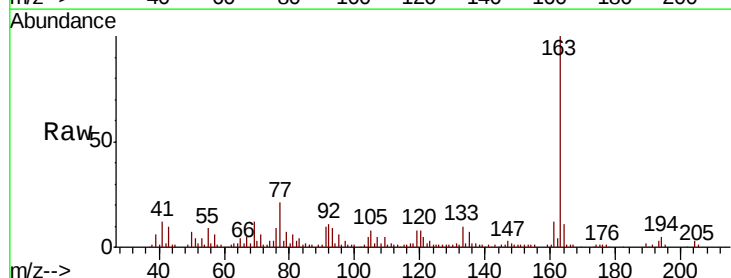


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

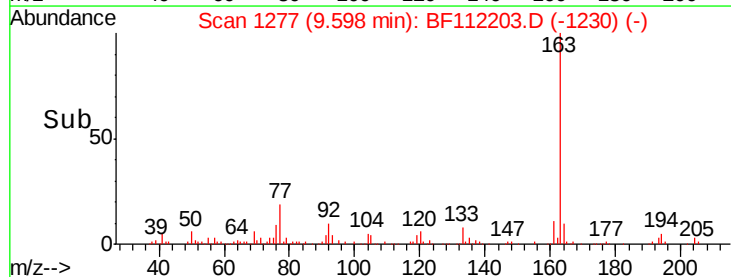
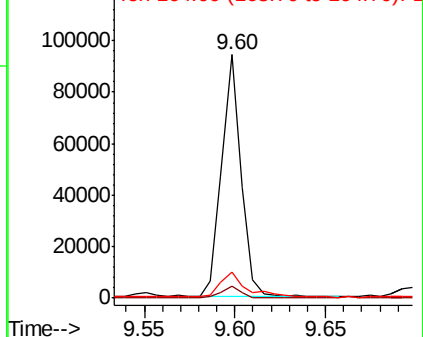


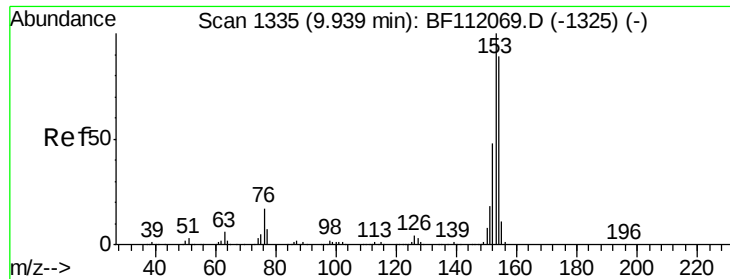
#50
Dimethylphthalate
Concen: 2.530 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.02 min
Lab File: BF112203.D
Acq: 23 Jan 2019 15:51

Tgt Ion:163 Resp: 70523
Ion Ratio Lower Upper
163 100
194 4.7 3.3 4.9
164 10.6 8.5 12.7



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





#52

Acenaphthene

Concen: 4.999 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF112203.D

Acq: 23 Jan 2019 15:51

Instrument :

BNA_F

ClientSampleId :

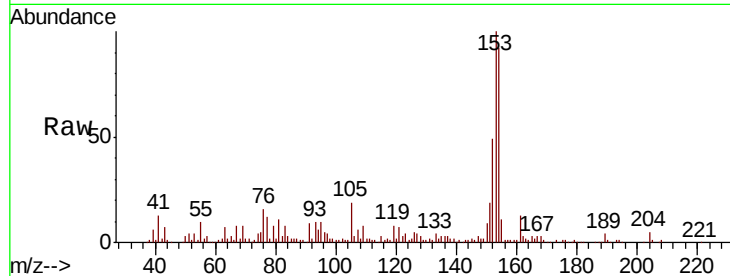
Tot Ion:154 Resp: 111682

Ion Ratio Lower Upper

154 100

153 109.2 89.8 134.6

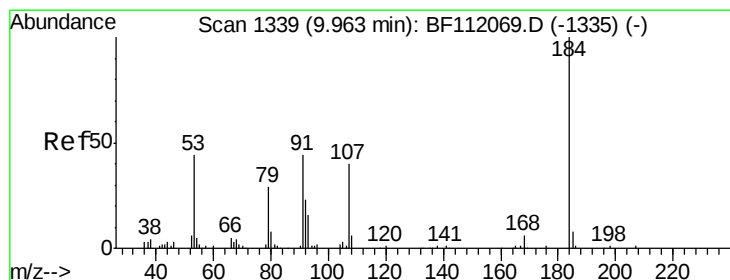
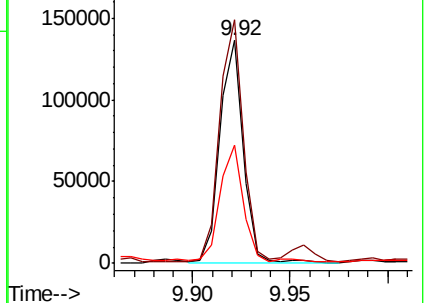
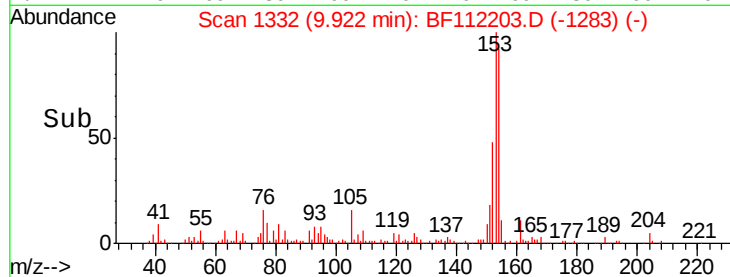
152 53.0 43.5 65.3



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

2,4-Dinitrophenol

Concen: 8.749 ng

RT: 10.17 min Scan# 1375

Delta R.T. 0.21 min

Lab File: BF112203.D

Acq: 23 Jan 2019 15:51

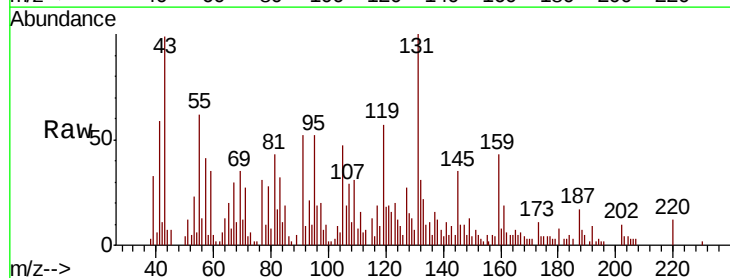
Tgt Ion:184 Resp: 1091

Ion Ratio Lower Upper

184 100

63 103.2 47.1 70.7#

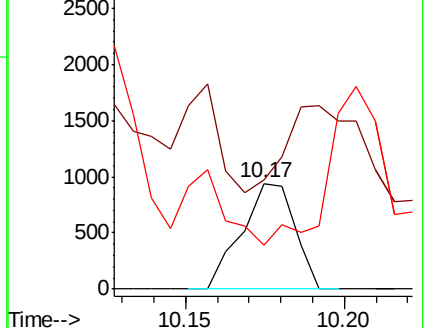
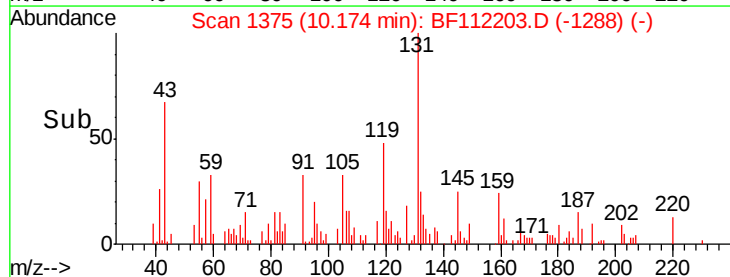
154 41.7 48.9 73.3#

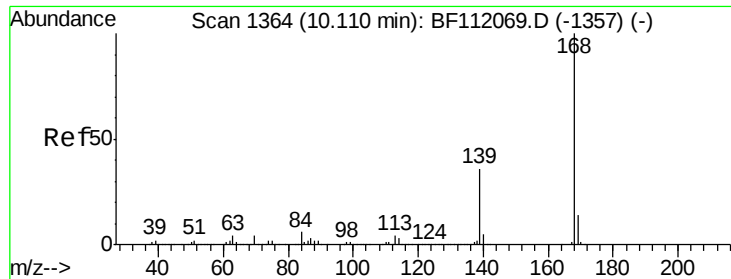


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

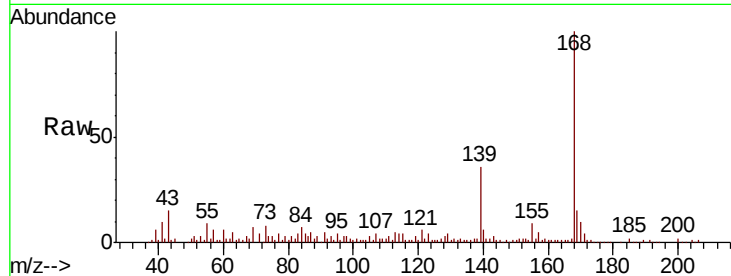




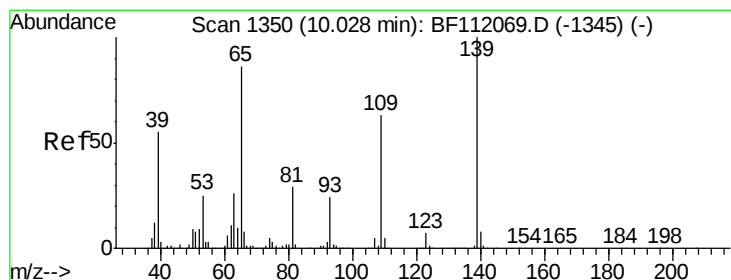
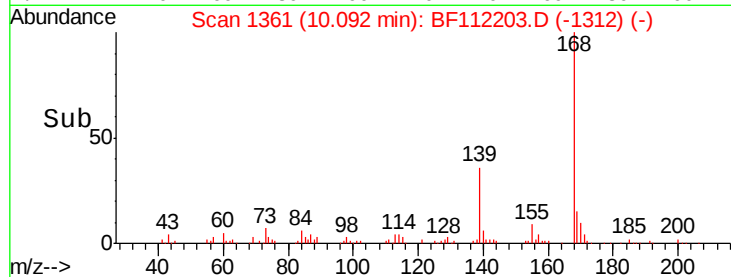
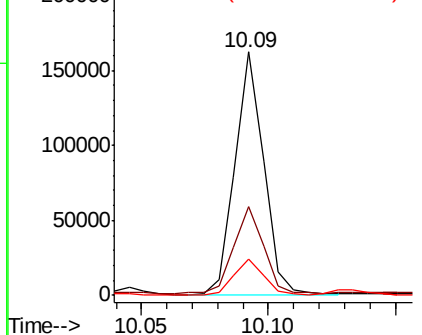
#55
Dibenzofuran
Concen: 3.789 ng
RT: 10.09 min Scan# 1361
Delta R.T. -0.01 min
Lab File: BF112203.D
Acq: 23 Jan 2019 15:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 127989
Ion Ratio Lower Upper
168 100
139 36.4 29.2 43.8
169 15.0 11.4 17.0

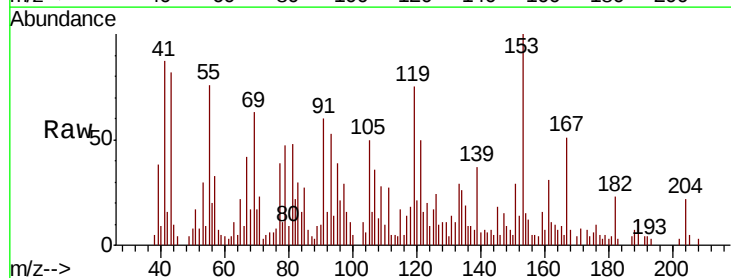


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

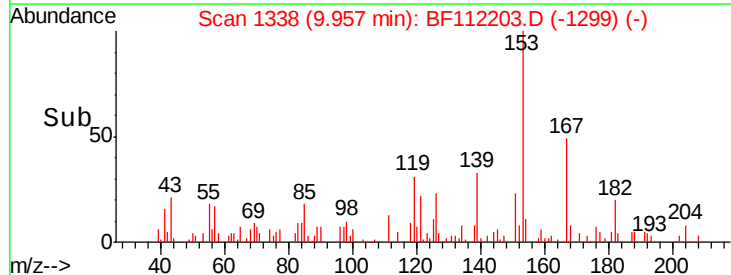
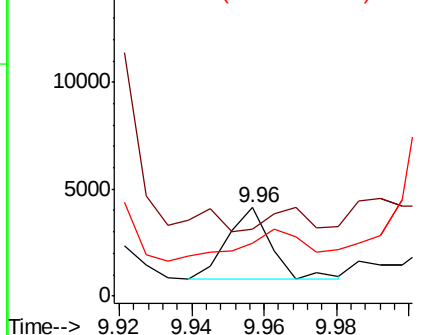


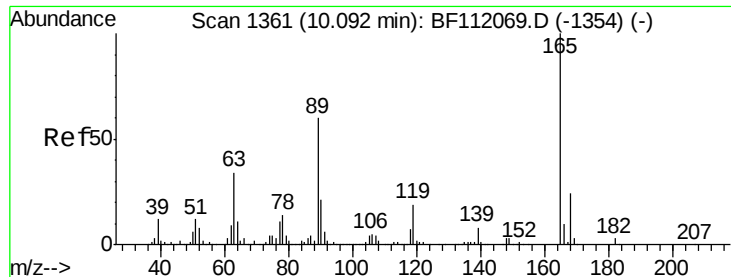
#56
4-Nitrophenol
Concen: 6.229 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.07 min
Lab File: BF112203.D
Acq: 23 Jan 2019 15:51

Tgt Ion:139 Resp: 2751
Ion Ratio Lower Upper
139 100
109 75.9 42.8 82.8
65 59.8 66.1 106.1#



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

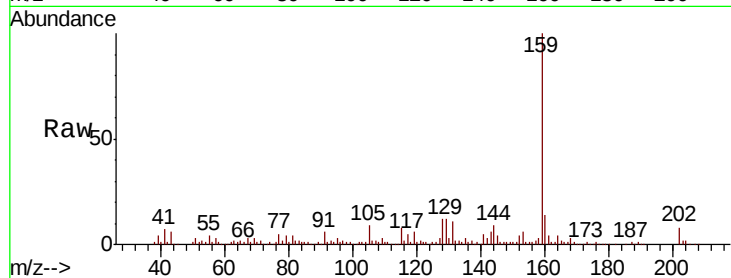




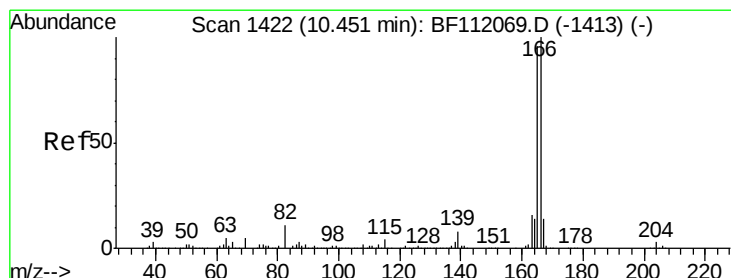
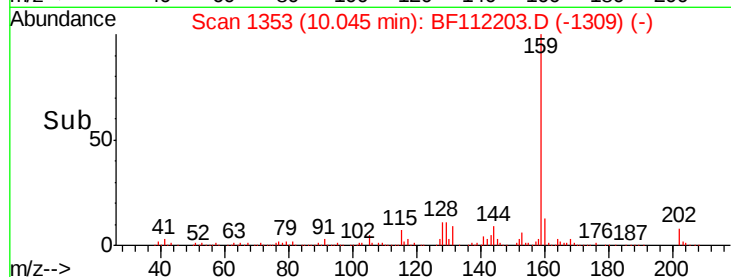
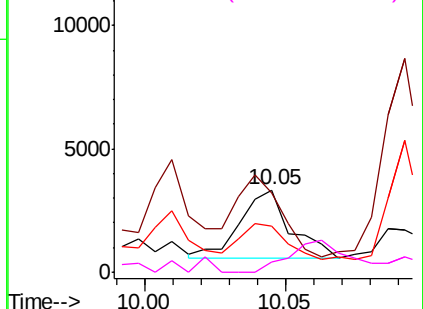
#57
 2,4-Dinitrotoluene
 Concen: 5.027 ng
 RT: 10.05 min Scan# 1353
 Delta R.T. -0.04 min
 Lab File: BF112203.D
 Acq: 23 Jan 2019 15:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	96.3	27.9	41.9#
89	55.4	47.9	71.9
182	11.8	2.2	3.4#

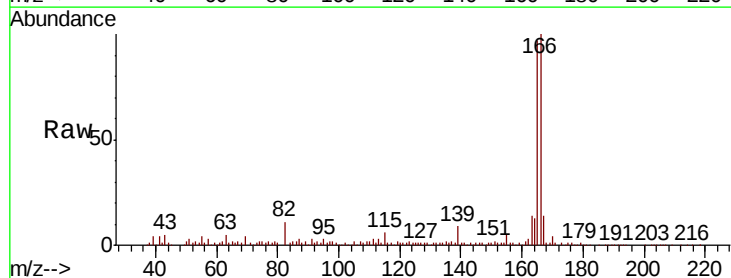


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

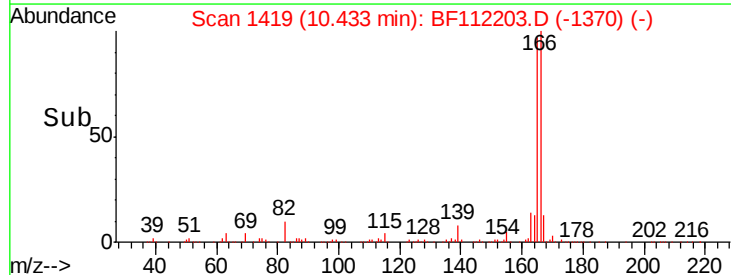
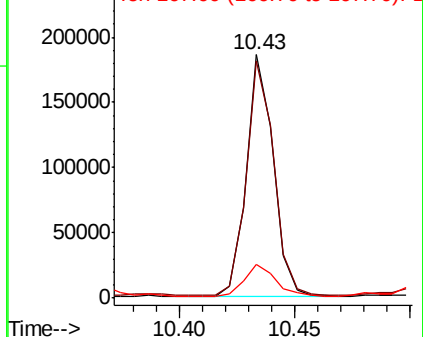


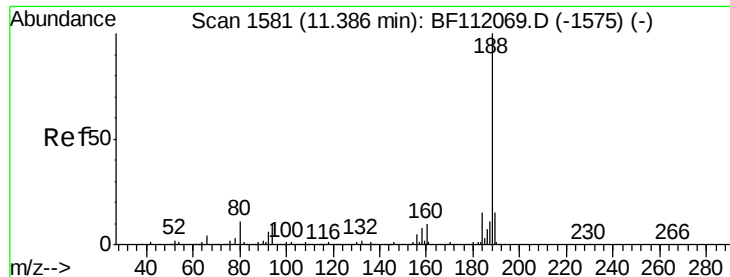
#58
 Fluorene
 Concen: 6.035 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. -0.01 min
 Lab File: BF112203.D
 Acq: 23 Jan 2019 15:51

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.5	77.1	115.7
167	14.0	11.3	16.9



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

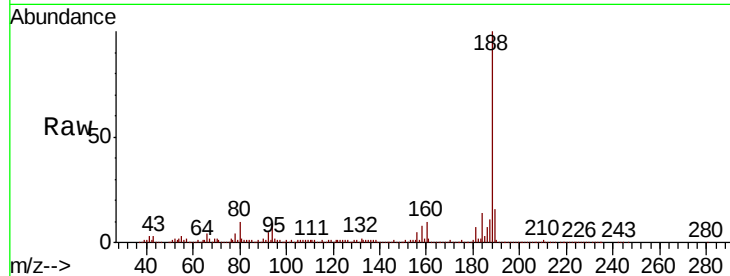




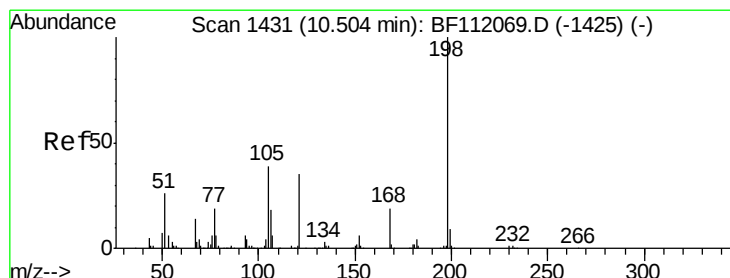
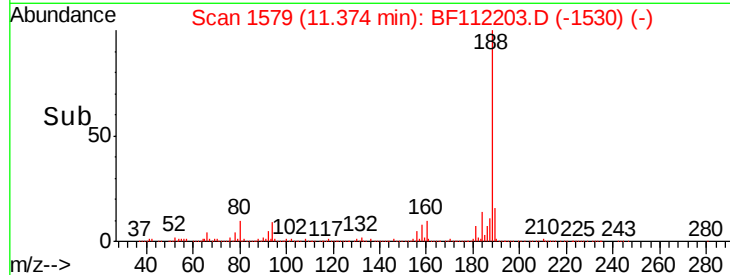
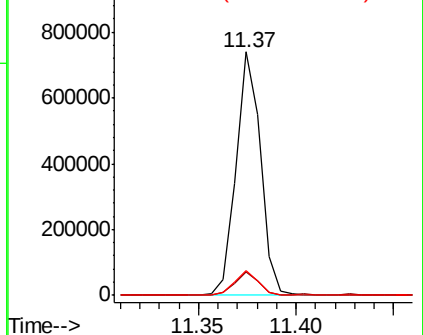
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BF112203.D
Acq: 23 Jan 2019 15:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 642531
Ion Ratio Lower Upper
188 100
94 9.4 8.2 12.2
80 10.4 8.9 13.3

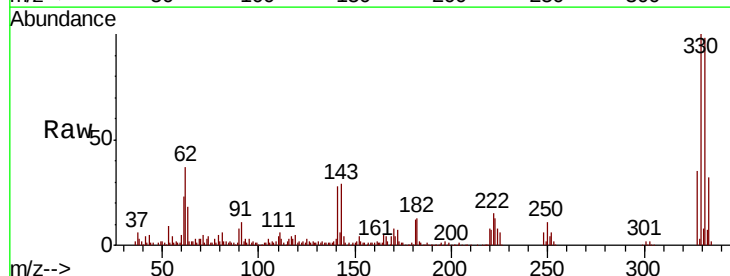


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

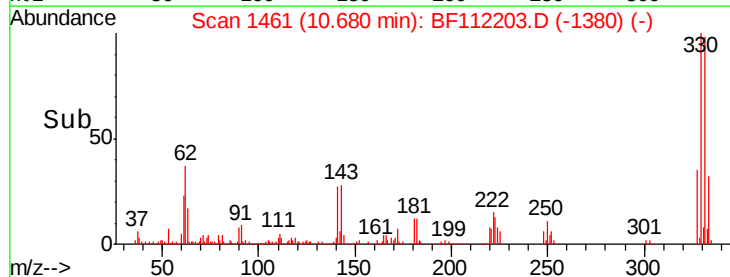
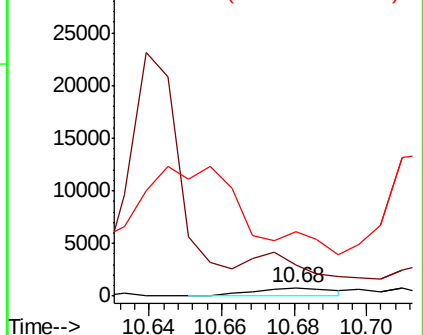


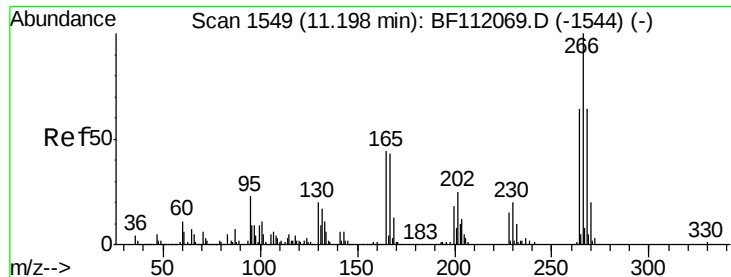
#65
4,6-Dinitro-2-methylphenol
Concen: 10.404 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.18 min
Lab File: BF112203.D
Acq: 23 Jan 2019 15:51

Tgt Ion:198 Resp: 1134
Ion Ratio Lower Upper
198 100
51 365.8 17.2 57.2#
105 747.1 21.9 61.9#



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





#70

Pentachlorophenol

Concen: 6.837 ng

RT: 11.20 min Scan# 1549

Delta R.T. 0.00 min

Lab File: BF112203.D

Acq: 23 Jan 2019 15:51

Instrument :

BNA_F

ClientSampleId :

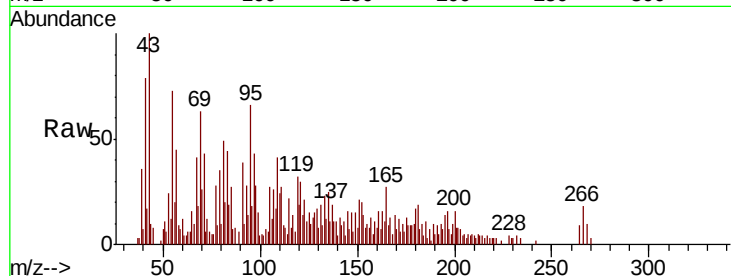
Tot Ion:266 Resp: 3061

Ion Ratio Lower Upper

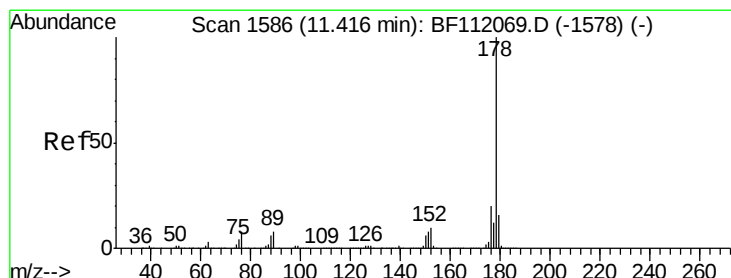
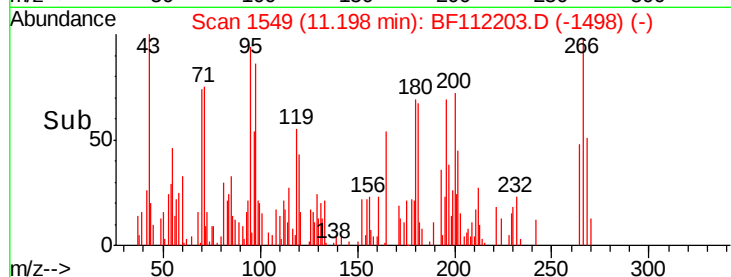
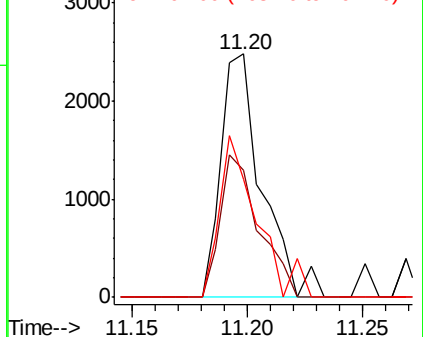
266 100

268 52.2 51.2 76.8

264 48.8 50.9 76.3#



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



#71

Phenanthrene

Concen: 22.329 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BF112203.D

Acq: 23 Jan 2019 15:51

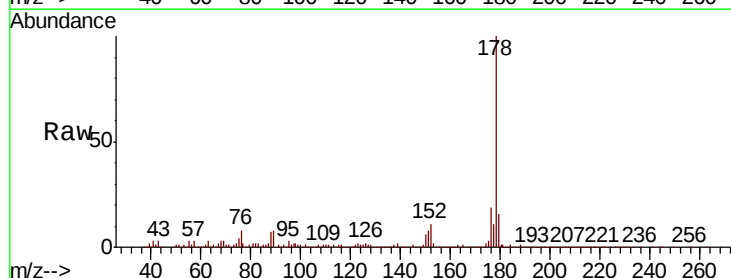
Tgt Ion:178 Resp: 722030

Ion Ratio Lower Upper

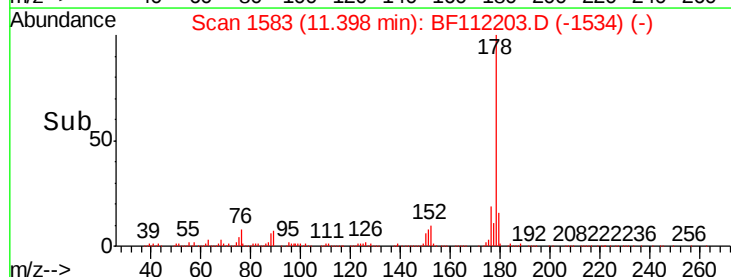
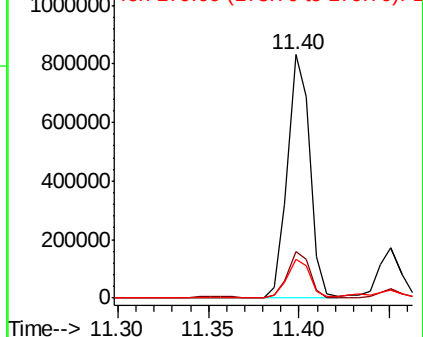
178 100

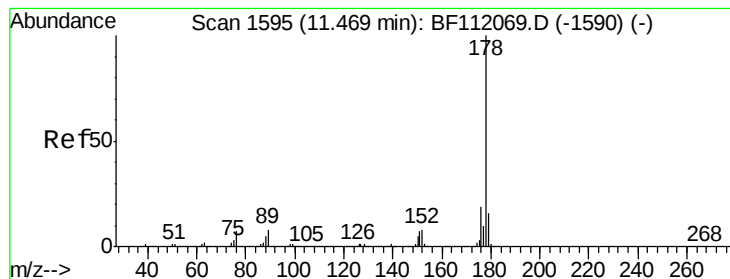
176 19.2 16.3 24.5

179 15.7 13.0 19.4



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





#72

Anthracene

Concen: 4.191 ng

RT: 11.45 min Scan# 1592

Delta R.T. -0.01 min

Lab File: BF112203.D

Acq: 23 Jan 2019 15:51

Instrument :

BNA_F

ClientSampleId :

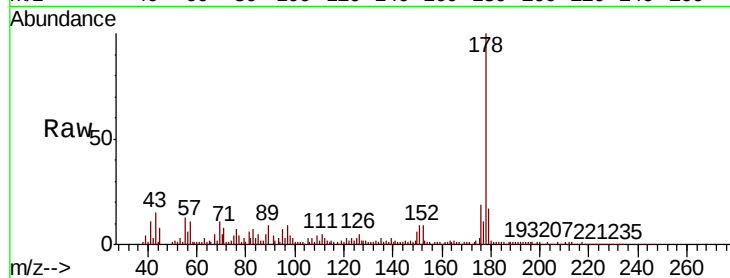
Tot Ion:178 Resp: 137293

Ion Ratio Lower Upper

178 100

176 18.8 15.5 23.3

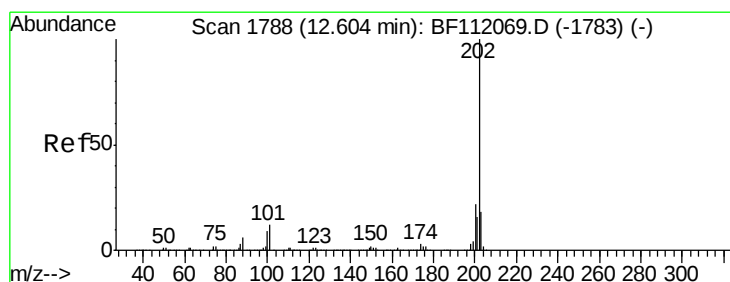
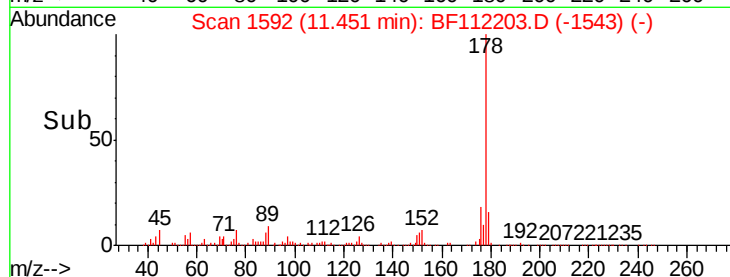
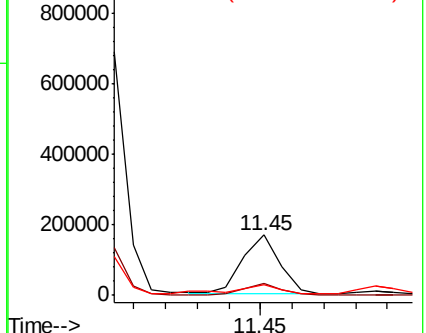
179 16.7 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75

Fluoranthene

Concen: 23.488 ng

RT: 12.59 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BF112203.D

Acq: 23 Jan 2019 15:51

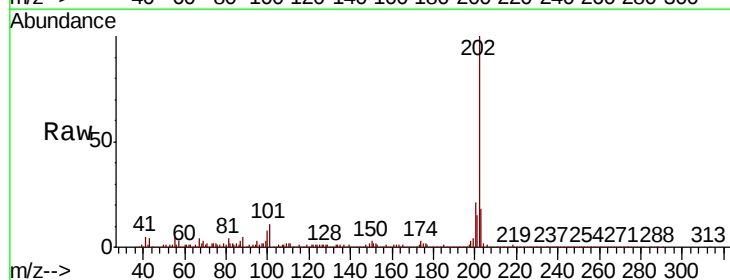
Tgt Ion:202 Resp: 801910

Ion Ratio Lower Upper

202 100

101 11.4 0.0 31.8

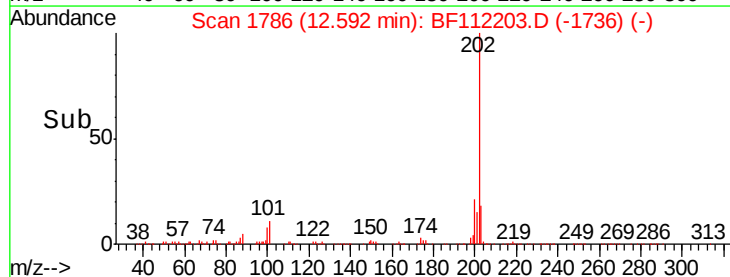
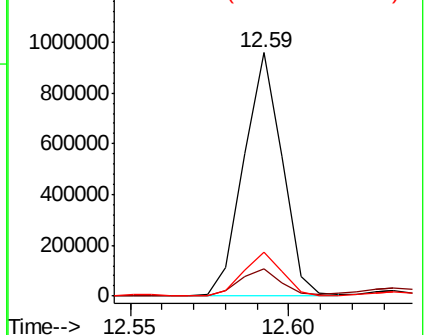
203 18.1 0.0 38.4

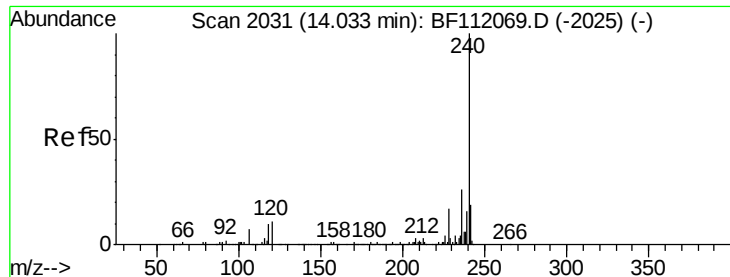


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2030

Delta R.T. 0.00 min

Lab File: BF112203.D

Acq: 23 Jan 2019 15:51

Instrument :

BNA_F

ClientSampleId :

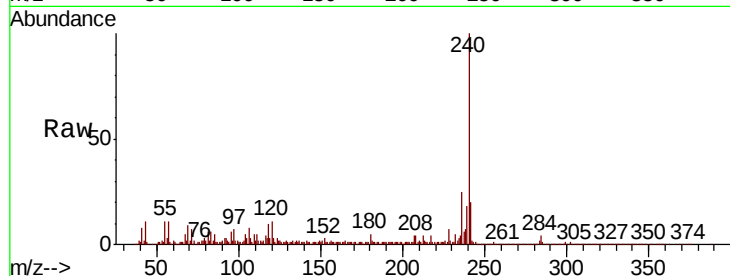
Tot Ion:240 Resp: 611873

Ion Ratio Lower Upper

240 100

120 11.0 9.0 13.6

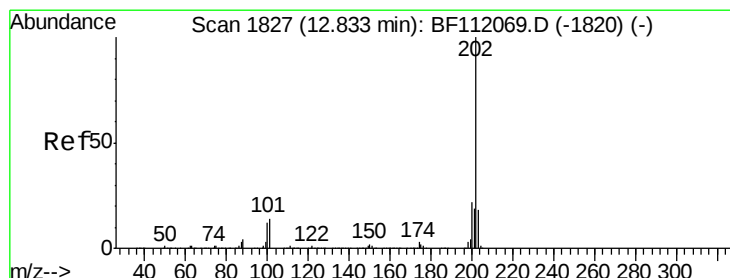
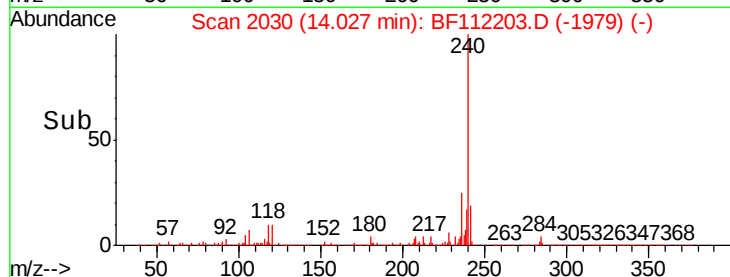
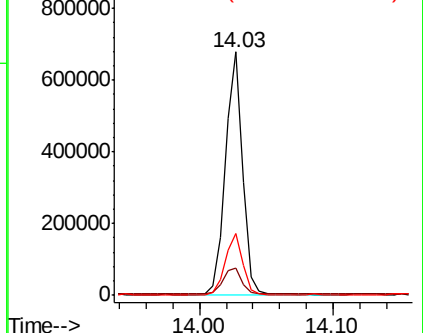
236 25.3 20.7 31.1



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



#78

Pyrene

Concen: 15.731 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF112203.D

Acq: 23 Jan 2019 15:51

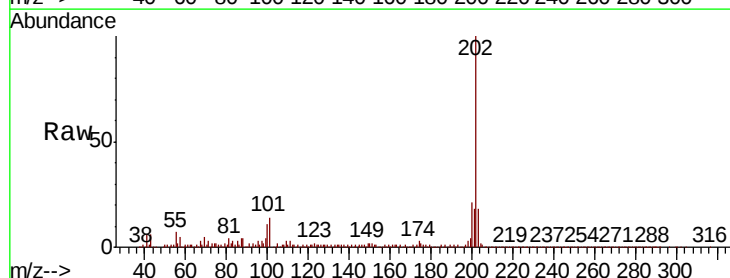
Tgt Ion:202 Resp: 635035

Ion Ratio Lower Upper

202 100

200 20.7 17.7 26.5

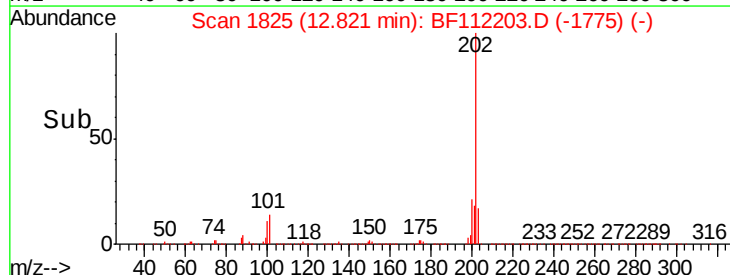
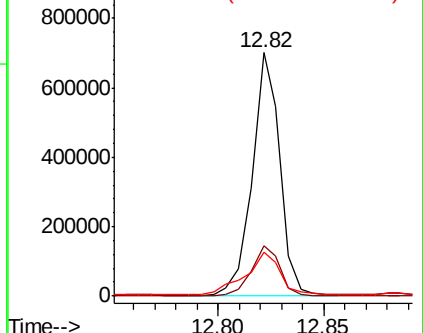
203 18.2 14.6 22.0

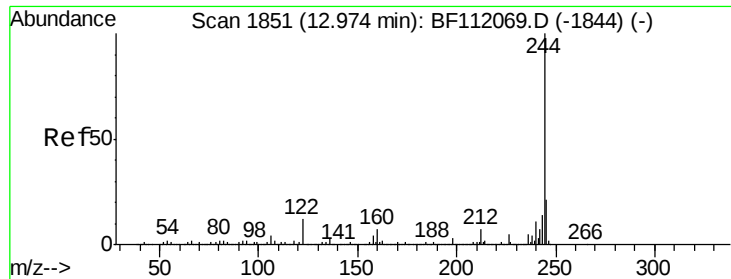


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 29.244 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF112203.D

Acq: 23 Jan 2019 15:51

Instrument :

BNA_F

ClientSampleId :

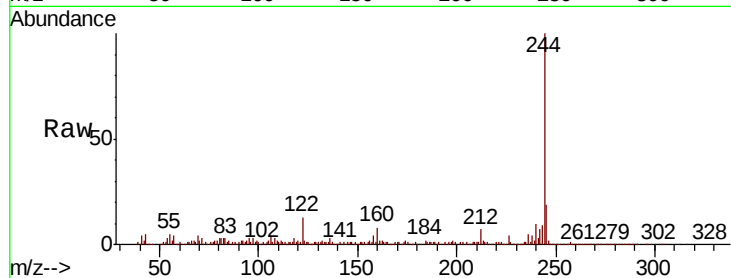
Tot Ion:244 Resp: 841103

Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

122 12.6 9.8 14.6

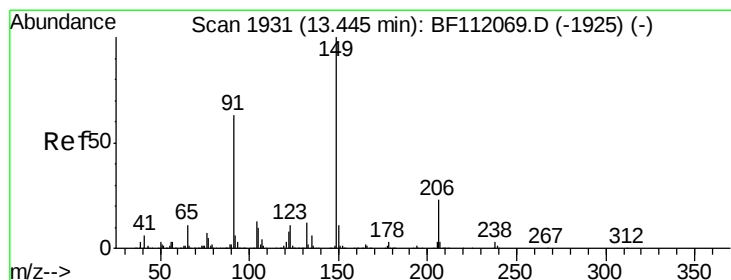
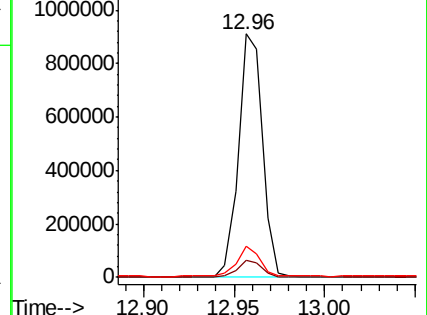
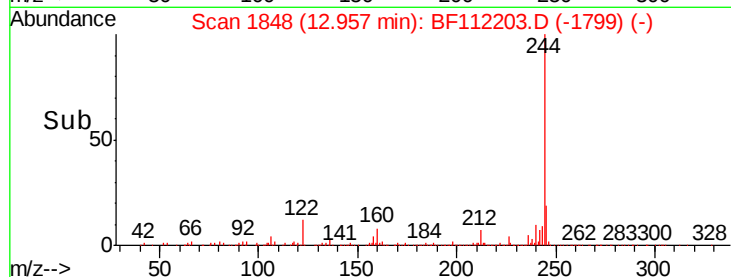


Abundance

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: 2.287 ng

RT: 13.44 min Scan# 1930

Delta R.T. 0.00 min

Lab File: BF112203.D

Acq: 23 Jan 2019 15:51

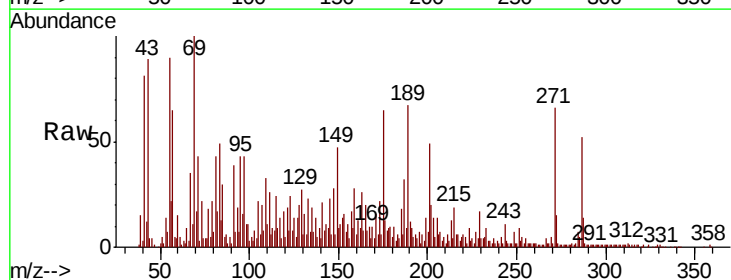
Tgt Ion:149 Resp: 40506

Ion Ratio Lower Upper

149 100

91 81.6 50.3 75.5#

206 12.5 18.2 27.4#

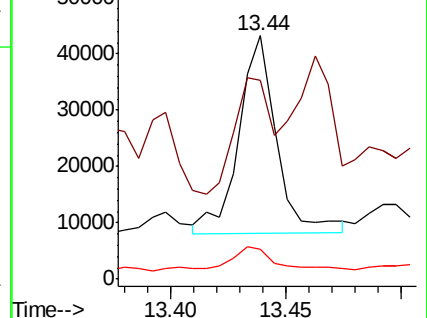
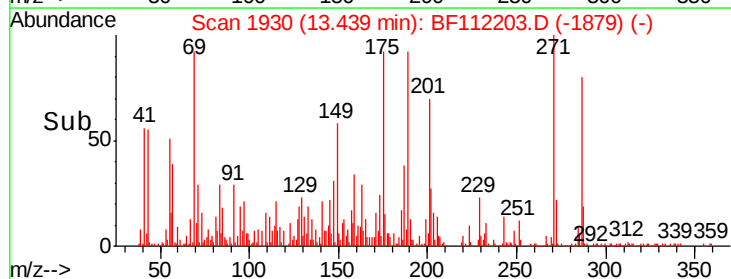


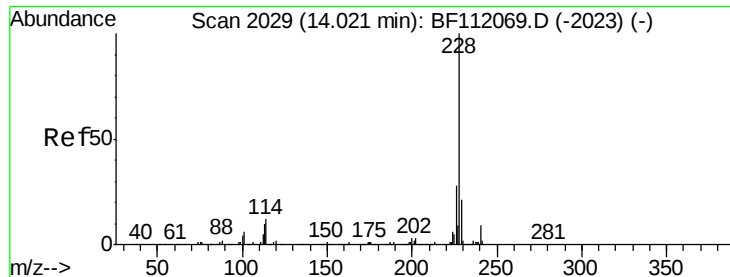
Abundance

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

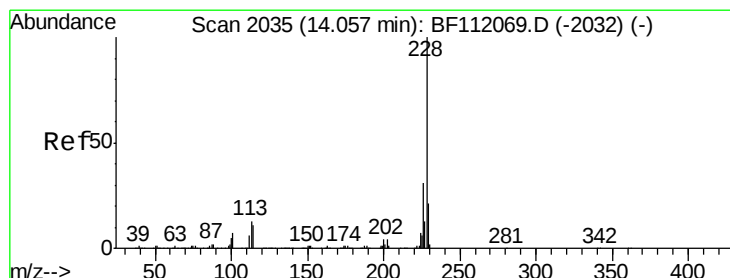
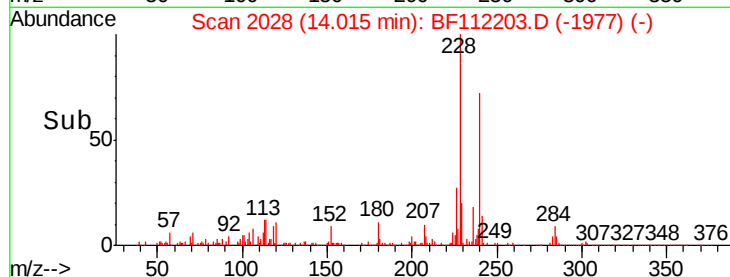
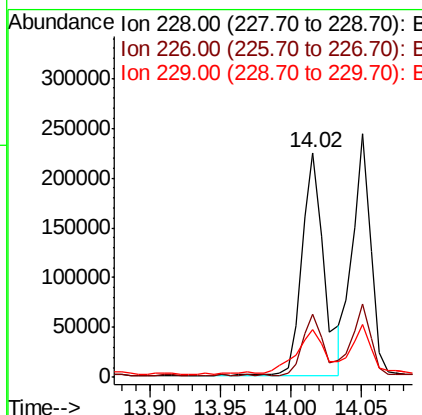
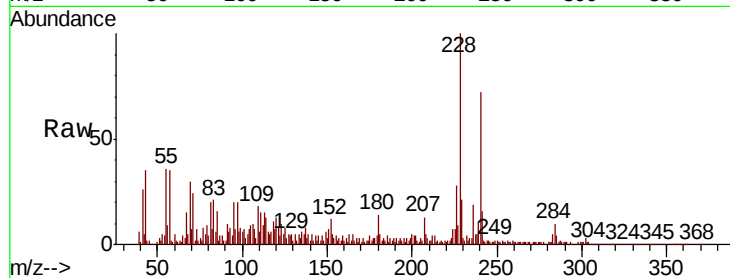




#81
Benzo(a)anthracene
Concen: 6.927 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BF112203.D
Acq: 23 Jan 2019 15:51

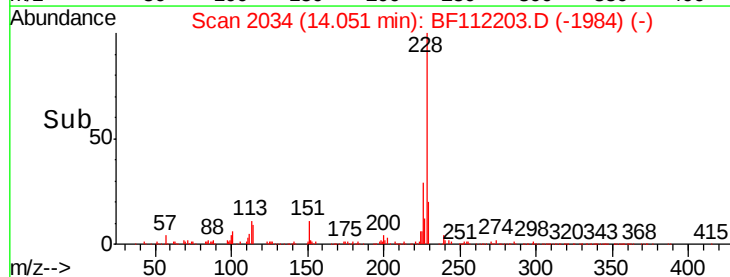
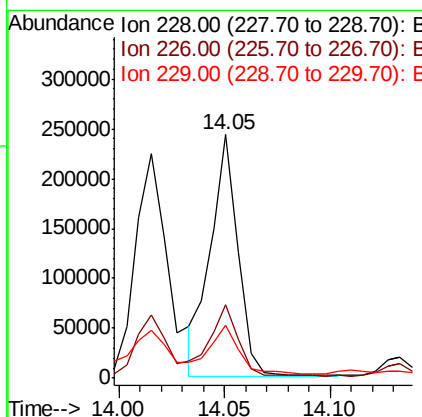
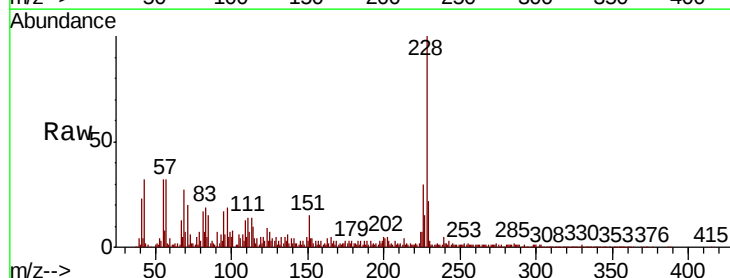
Instrument :
BNA_F
ClientSampleId :

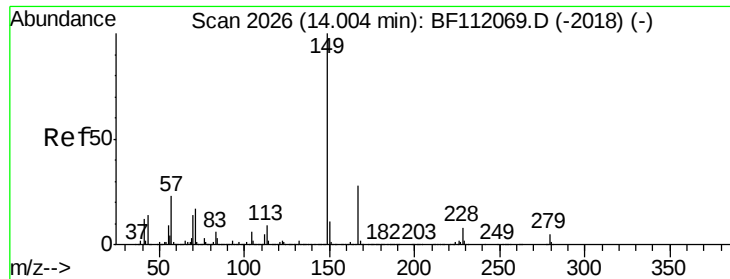
Tot Ion:228 Resp: 243003
Ion Ratio Lower Upper
228 100
226 28.1 22.6 34.0
229 21.5 16.5 24.7



#83
Chrysene
Concen: 6.641 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF112203.D
Acq: 23 Jan 2019 15:51

Tgt Ion:228 Resp: 220467
Ion Ratio Lower Upper
228 100
226 30.1 25.0 37.6
229 21.8 16.6 24.8





#84

Bis(2-ethylhexyl)phthalate

Concen: 4.846 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF112203.D

Acq: 23 Jan 2019 15:51

Instrument :

BNA_F

ClientSampleId :

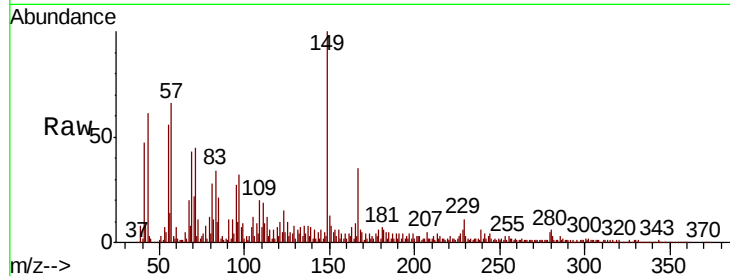
Tot Ion:149 Resp: 123010

Ion Ratio Lower Upper

149 100

167 34.8 22.5 33.7#

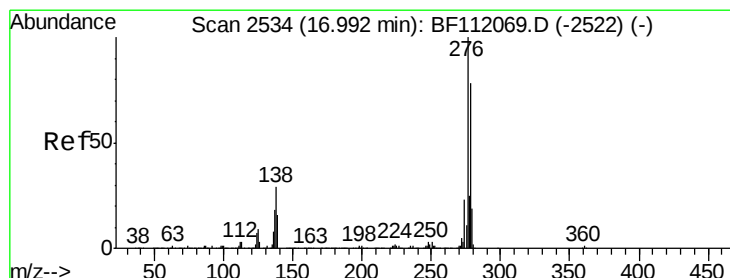
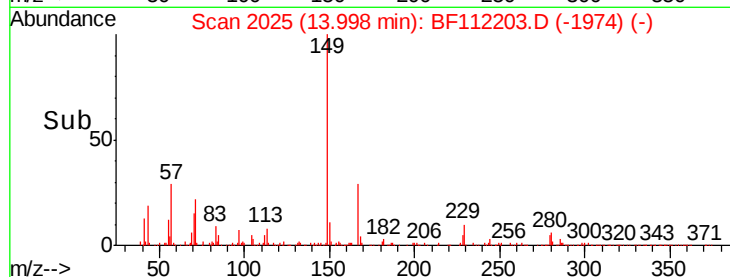
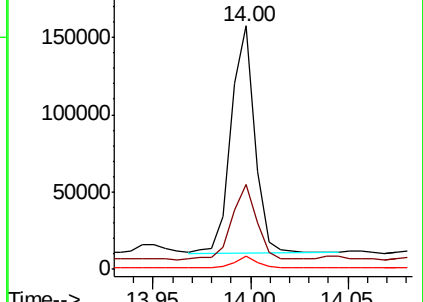
279 5.4 3.8 5.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Indeno(1,2,3-cd)pyrene

Concen: 2.372 ng

RT: 16.99 min Scan# 2534

Delta R.T. 0.01 min

Lab File: BF112203.D

Acq: 23 Jan 2019 15:51

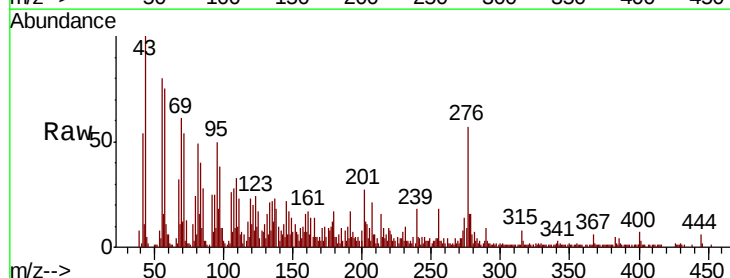
Tgt Ion:276 Resp: 72634

Ion Ratio Lower Upper

276 100

138 24.0 22.6 34.0

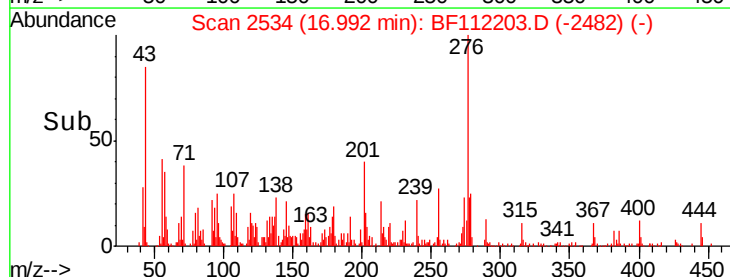
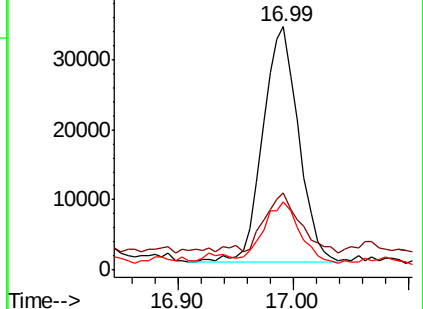
277 26.8 20.3 30.5

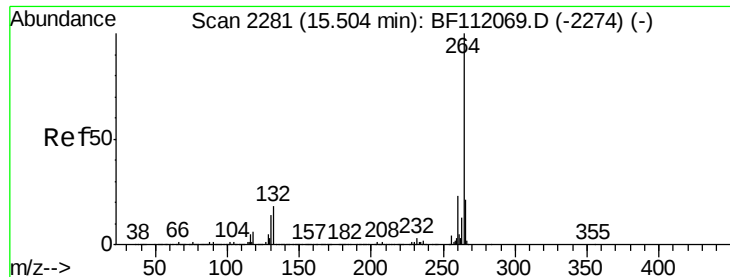


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

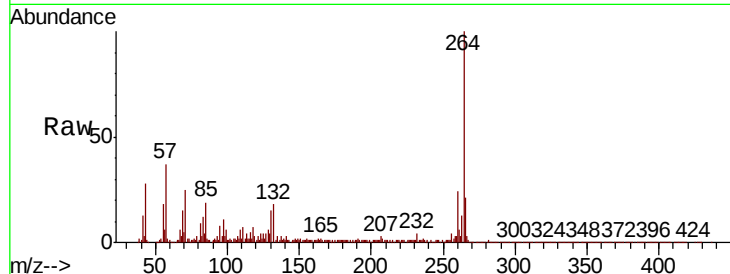




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. 0.01 min
Lab File: BF112203.D
Acq: 23 Jan 2019 15:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.2	27.2
265	21.4	17.0	25.4

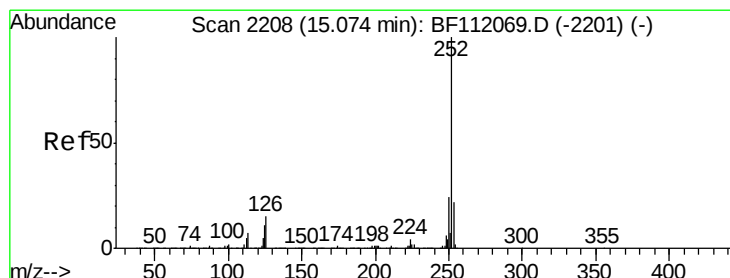
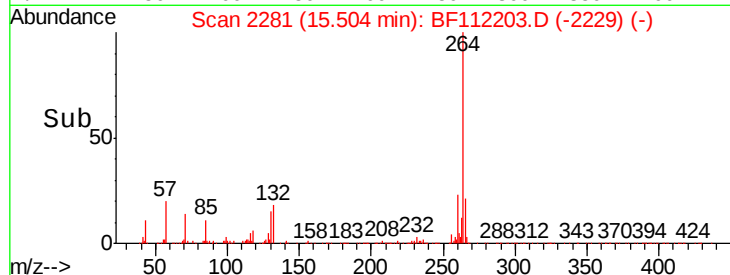
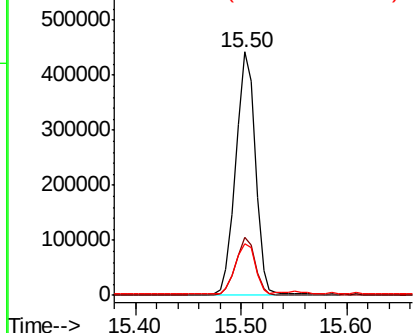


Abundance

Ion 264.00 (263.70 to 264.70): E

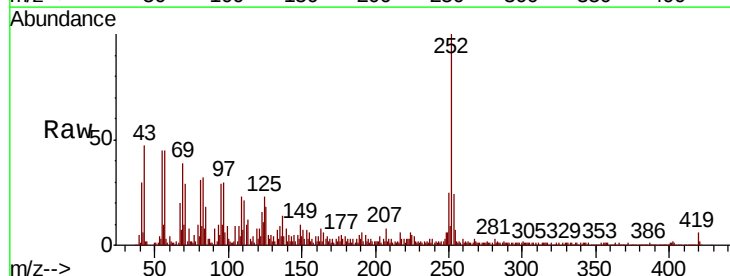
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 9.972 ng
RT: 15.07 min Scan# 2207
Delta R.T. 0.00 min
Lab File: BF112203.D
Acq: 23 Jan 2019 15:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.0	27.0
125	23.0	8.7	13.1#

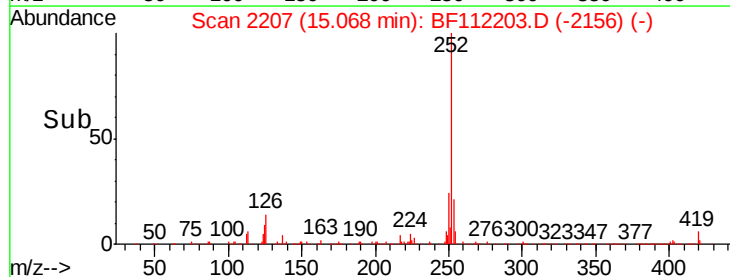
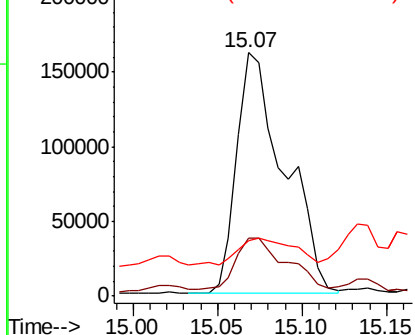


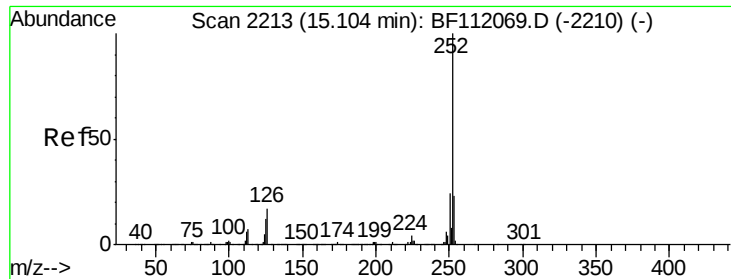
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

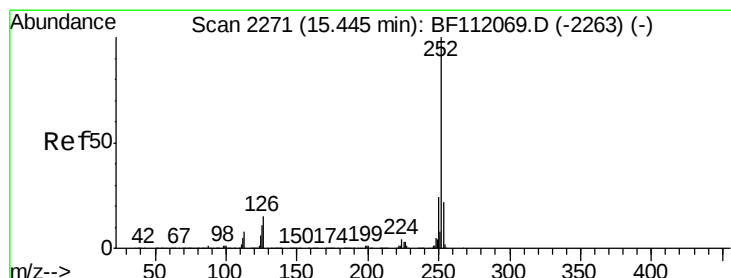
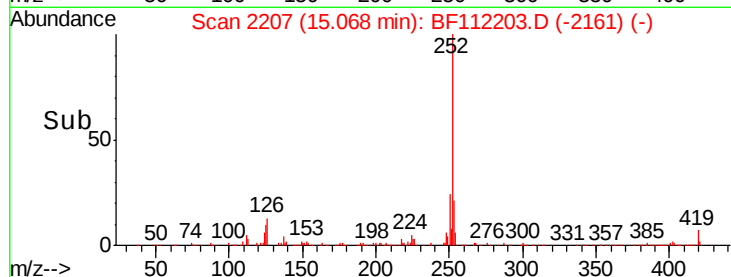
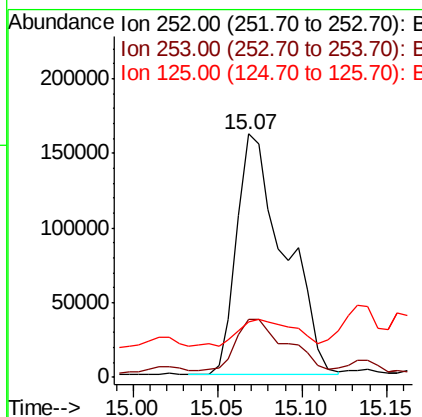
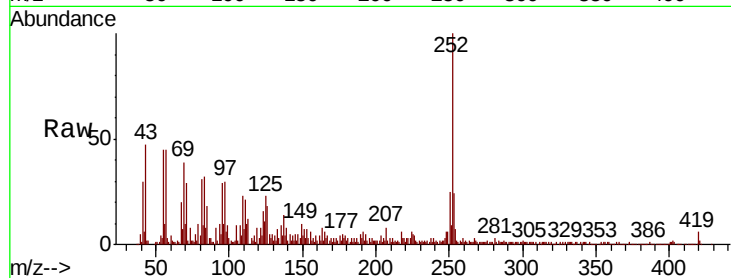




#89
Benzo(k)fluoranthene
Concen: 10.303 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.03 min
Lab File: BF112203.D
Acq: 23 Jan 2019 15:51

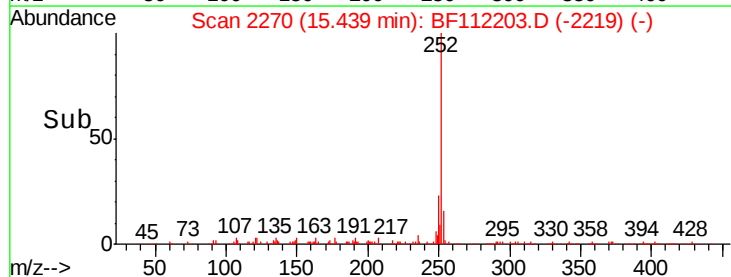
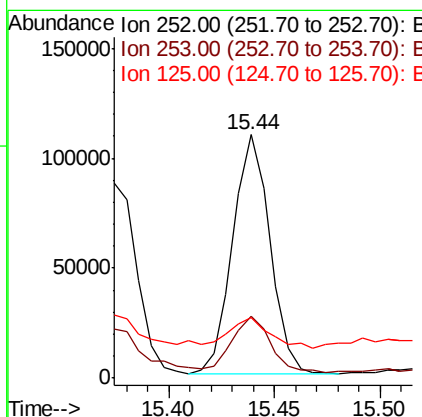
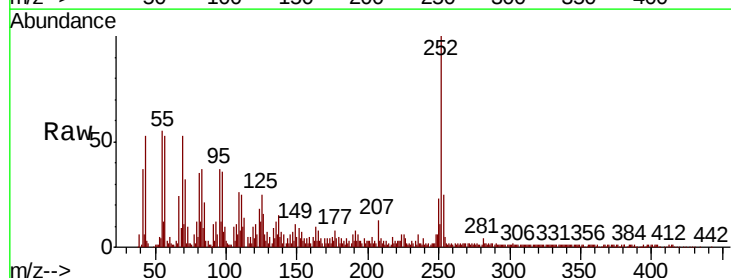
Instrument :
BNA_F
ClientSampleId :

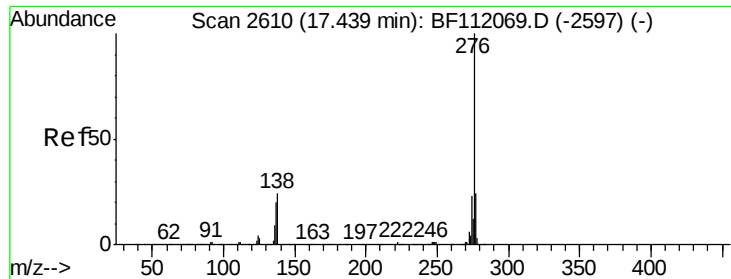
Tot Ion:252 Resp: 318197
Ion Ratio Lower Upper
252 100
253 23.9 18.0 27.0
125 23.0 9.1 13.7#



#90
Benzo(a)pyrene
Concen: 4.550 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.00 min
Lab File: BF112203.D
Acq: 23 Jan 2019 15:51

Tgt Ion:252 Resp: 133160
Ion Ratio Lower Upper
252 100
253 25.4 17.5 26.3
125 25.0 9.0 13.4#

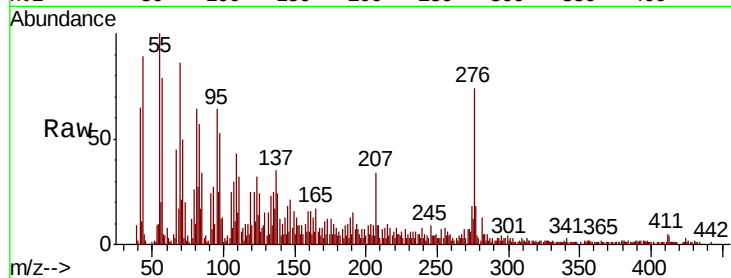




#92
 Benzo(a,h,i)perylene
 Concen: 2.642 ng
 RT: 17.44 min Scan# 2611
 Delta R.T. 0.02 min
 Lab File: BF112203.D
 Acq: 23 Jan 2019 15:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.4	29.0
138	32.4	19.1	28.7



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

