

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122717\
 Data File : BF101789.D
 Acq On : 28 Dec 2017 4:31
 Operator : SJ/JU
 Sample : I7069-10 2X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 28 06:29:46 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 26 10:48:01 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	138703	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	508634	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	198554	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	280058	20.00	ng	0.01
75) Chrysene-d12	13.99	240	209787	20.00	ng	0.02
86) Perylene-d12	15.47	264	203076	20.00	ng	0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	530727	57.00	ng	0.01
7) Phenol-d6	6.44	99	635013	54.80	ng	0.00
23) Nitrobenzene-d5	7.36	82	354433	38.79	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	94657	49.48	ng	0.01
44) 2-Fluorobiphenyl	9.15	172	587453	45.90	ng	0.00
78) Terphenyl-d14	12.91	244	367334	42.21	ng	0.01

Target Compounds

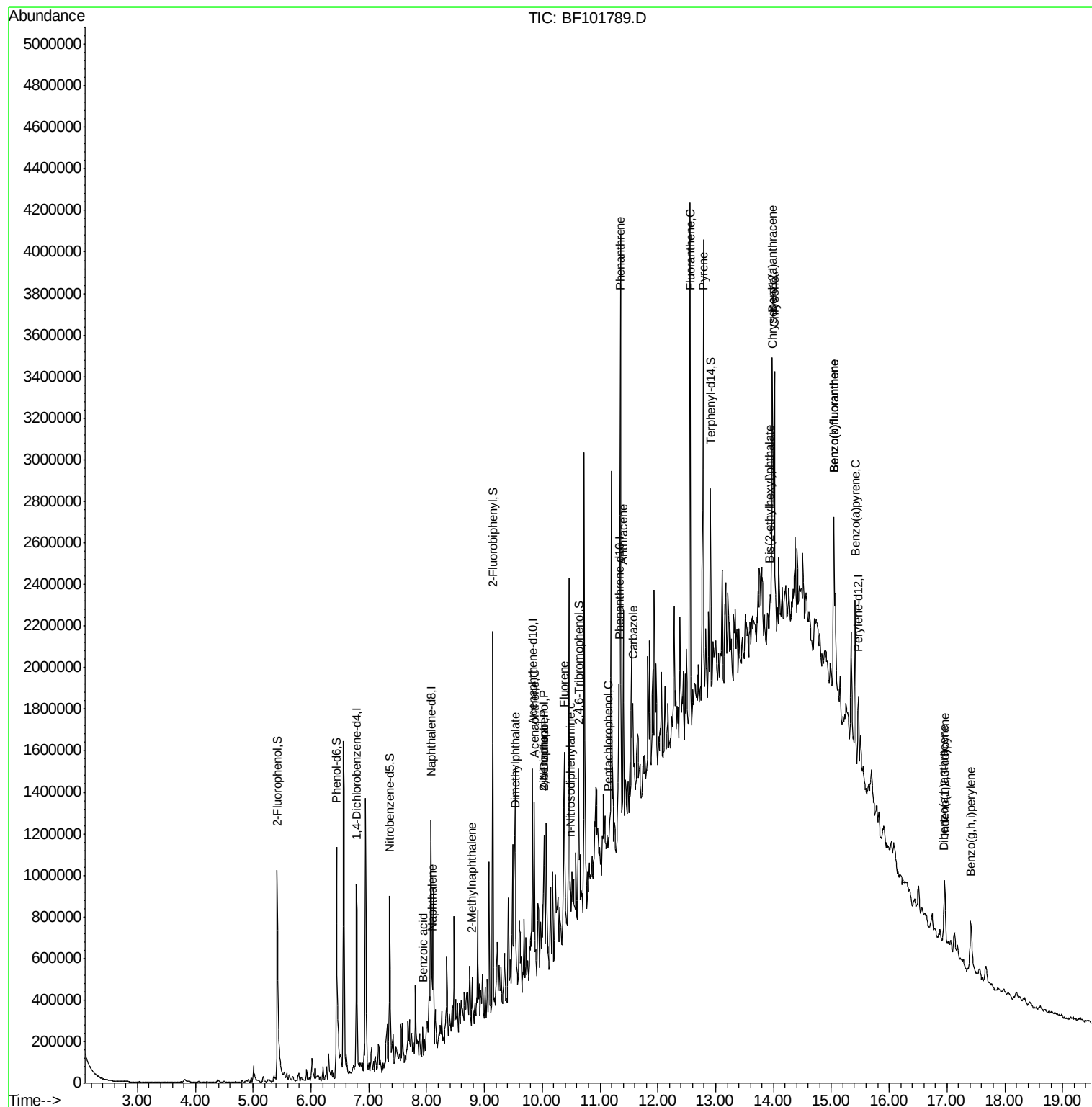
						Qvalue
31) Naphthalene	8.10	128	112277	4.385	ng	99
32) Benzoic acid	7.94	122	619	8.065	ng	# 1
37) 2-Methylnaphthalene	8.79	142	68049	4.079	ng	99
49) Dimethylphthalate	9.55	163	60992	3.819	ng	# 99
51) Acenaphthene	9.86	154	158107	12.366	ng	99
53) 2,4-Dinitrophenol	10.04	184	490	10.698	ng	# 1
54) Dibenzofuran	10.04	168	162540	10.004	ng	97
55) 4-Nitrophenol	10.04	139	64639	36.630	ng	# 22
57) Fluorene	10.38	166	232966	16.949	ng	99
65) n-Nitrosodiphenylamine	10.48	169	34660	3.352	ng	# 47
69) Pentachlorophenol	11.15	266	122	6.643	ng	# 19
70) Phenanthrene	11.36	178	1344122	86.303	ng	99
71) Anthracene	11.40	178	450315	28.306	ng	99
72) Carbazole	11.57	167	198466	13.325	ng	97
74) Fluoranthene	12.56	202	1407528	86.100	ng	97
77) Pyrene	12.79	202	1205019	76.536	ng	99
80) Benzo(a)anthracene	13.98	228	732959	52.911	ng	96
82) Chrysene	14.02	228	605609	46.303	ng	97
83) Bis(2-ethylhexyl)phthalate	13.93	149	22216	2.462	ng	# 84
85) Indeno(1,2,3-cd)pyrene	16.96	276	246432	21.158	ng	# 90
87) Benzo(b)fluoranthene	15.04	252	812865	65.670	ng	# 95
88) Benzo(k)fluoranthene	15.04	252	812865	67.543	ng	98
89) Benzo(a)pyrene	15.41	252	433629	38.002	ng	# 94
90) Dibenzo(a,h)anthracene	16.94	278	70408	7.187	ng	# 89
91) Benzo(g,h,i)perylene	17.42	276	216835	22.351	ng	93

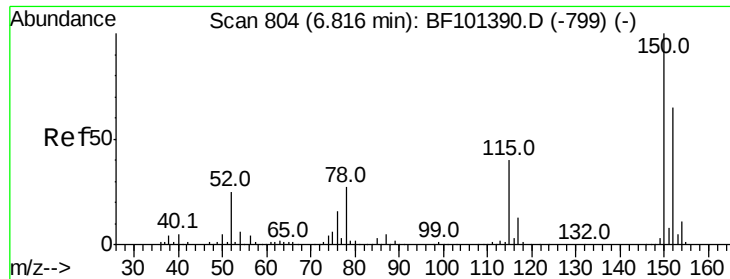
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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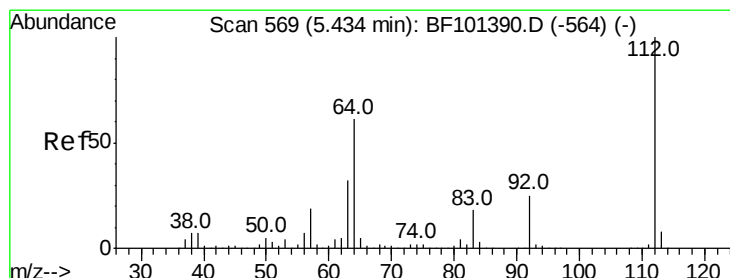
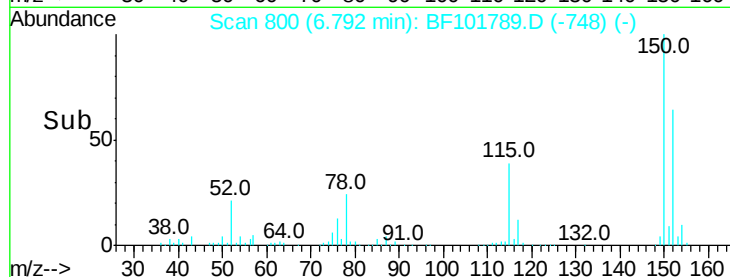
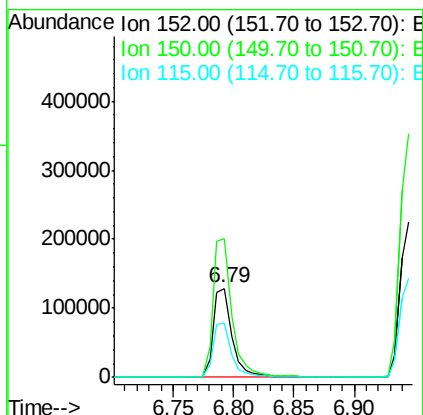
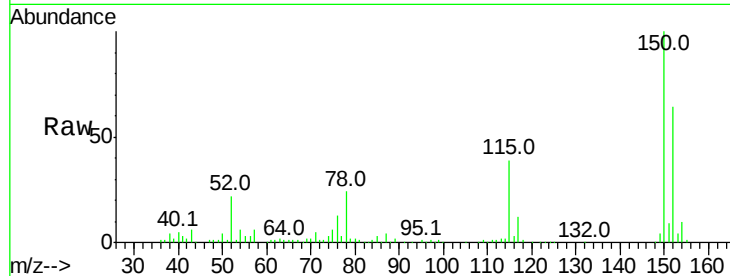


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. 0.01 min
 Lab File: BF101789.D
 Acq: 28 Dec 2017 4:31

Instrument :
 BNA_F
 ClientSampleId :

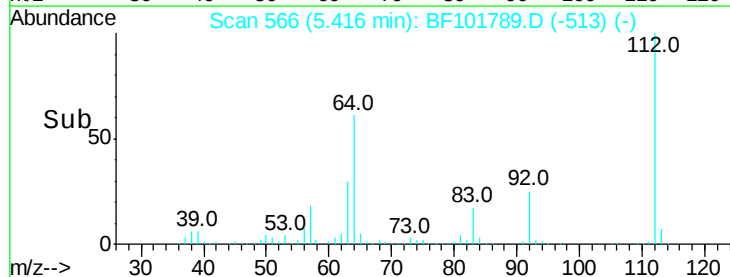
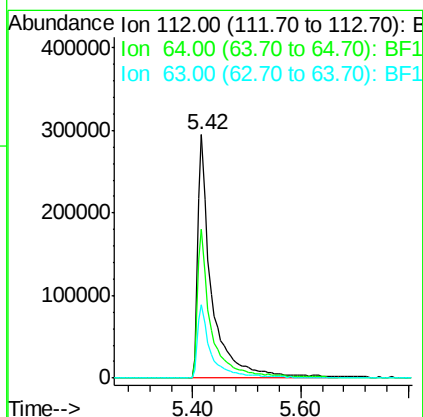
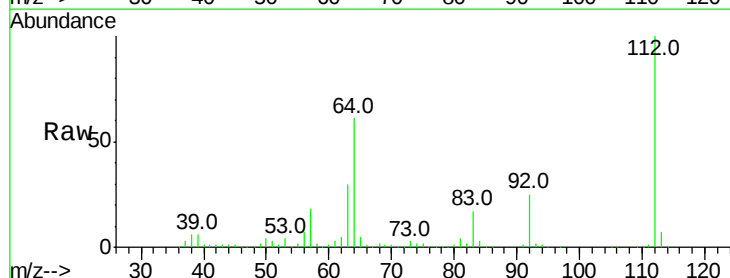
Tot Ion:152 Resp: 138703
 Ion Ratio Lower Upper
 152 100
 150 155.7 124.6 186.8
 115 60.8 50.1 75.1

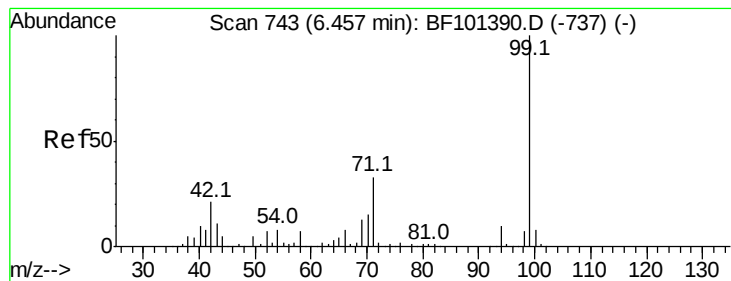


#5

2-Fluorophenol
 Concen: 56.997 ng
 RT: 5.42 min Scan# 566
 Delta R.T. 0.01 min
 Lab File: BF101789.D
 Acq: 28 Dec 2017 4:31

Tgt Ion:112 Resp: 530727
 Ion Ratio Lower Upper
 112 100
 64 60.9 47.9 71.9
 63 30.4 23.7 35.5





#7

Phenol-d6

Concen: 54.796 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF101789.D

Acq: 28 Dec 2017 4:31

Instrument :

BNA_F

ClientSampleId :

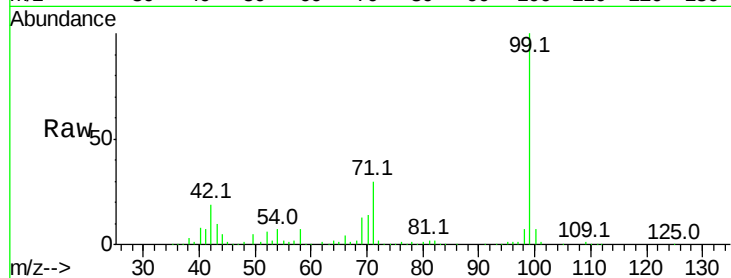
Tot Ion: 99 Resp: 635013

Ion Ratio Lower Upper

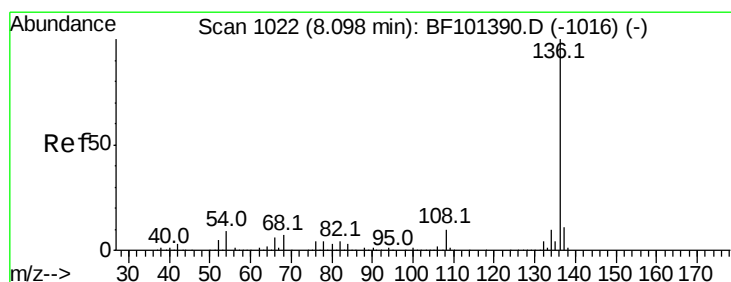
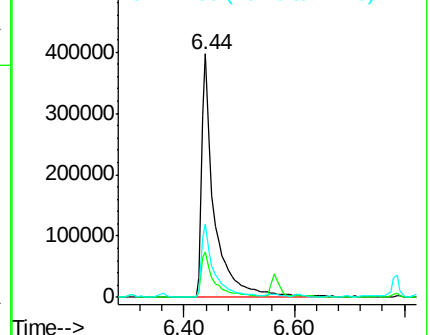
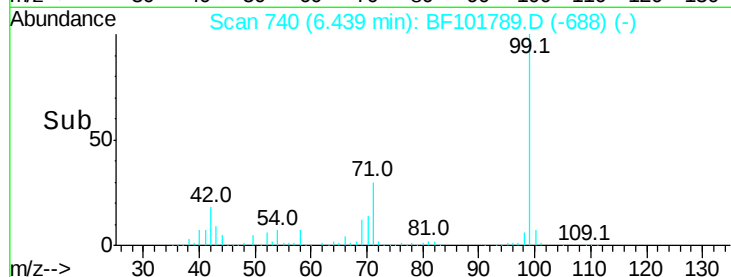
99 100

42 18.6 14.5 21.7

71 30.0 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. 0.01 min

Lab File: BF101789.D

Acq: 28 Dec 2017 4:31

Tgt Ion: 136 Resp: 508634

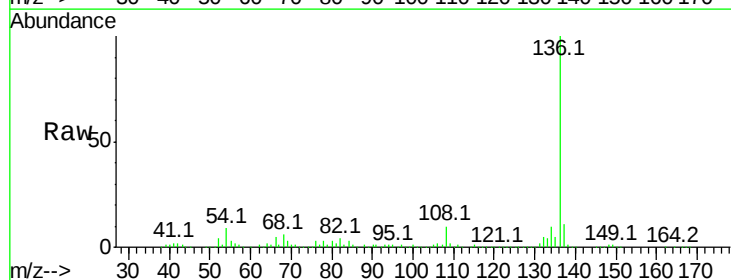
Ion Ratio Lower Upper

136 100

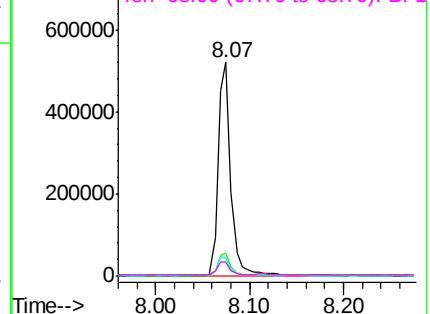
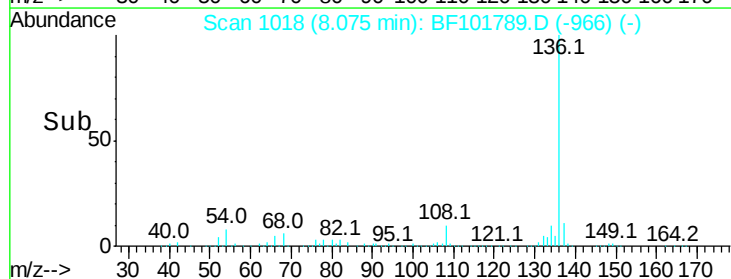
137 10.8 8.9 13.3

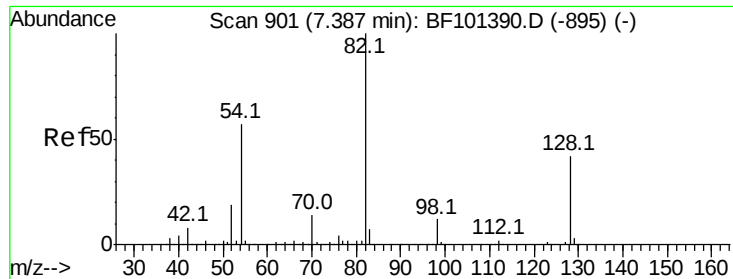
54 8.7 6.6 9.8

68 6.5 5.0 7.4



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

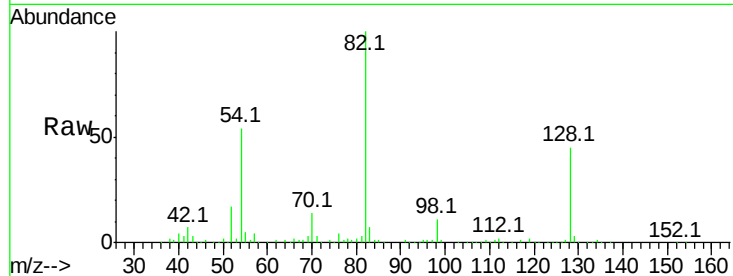




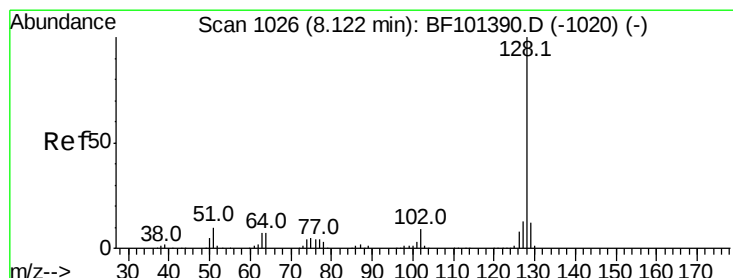
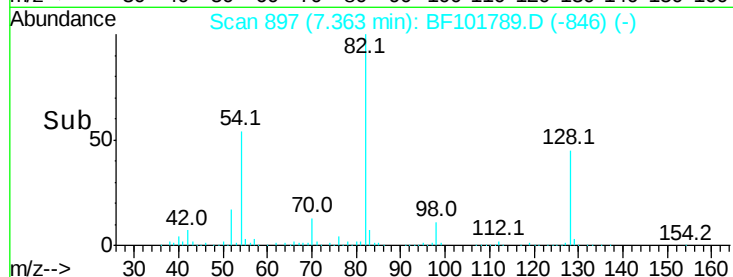
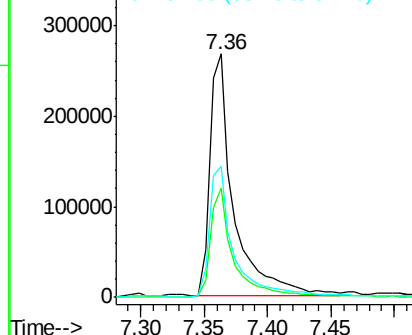
#23
Nitrobenzene-d5
Concen: 38.790 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BF101789.D
Acq: 28 Dec 2017 4:31

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 354433
Ion Ratio Lower Upper
82 100
128 45.1 36.1 54.1
54 53.8 41.4 62.2

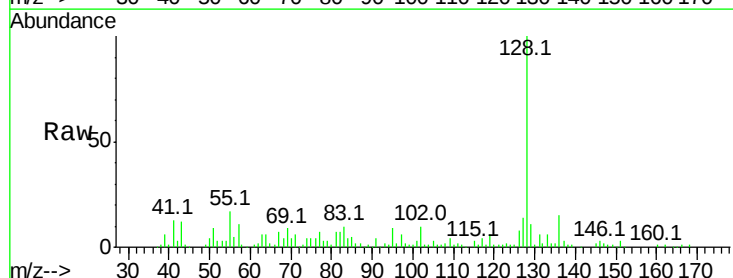


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

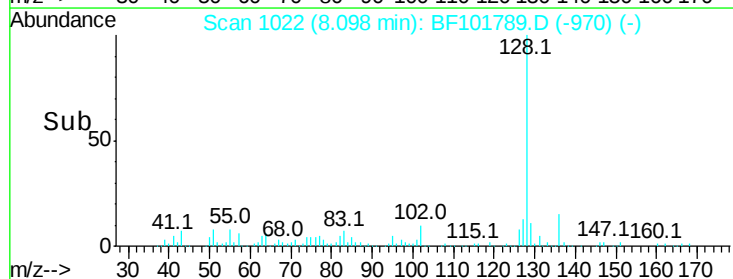
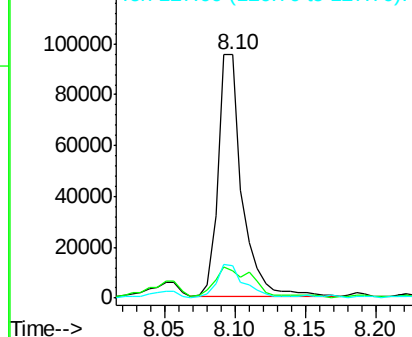


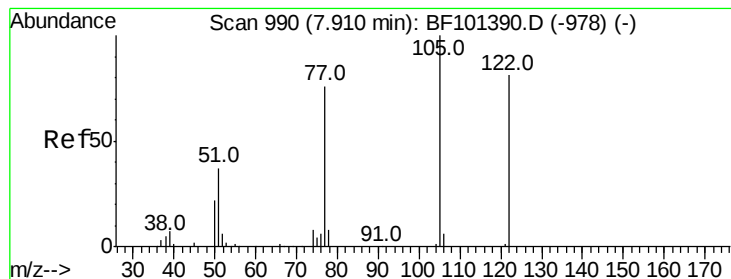
#31
Naphthalene
Concen: 4.385 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.01 min
Lab File: BF101789.D
Acq: 28 Dec 2017 4:31

Tgt Ion: 128 Resp: 112277
Ion Ratio Lower Upper
128 100
129 11.4 8.8 13.2
127 13.5 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 8.065 ng

RT: 7.94 min Scan# 995

Delta R.T. 0.04 min

Lab File: BF101789.D

Acq: 28 Dec 2017 4:31

Instrument :

BNA_F

ClientSampleId :

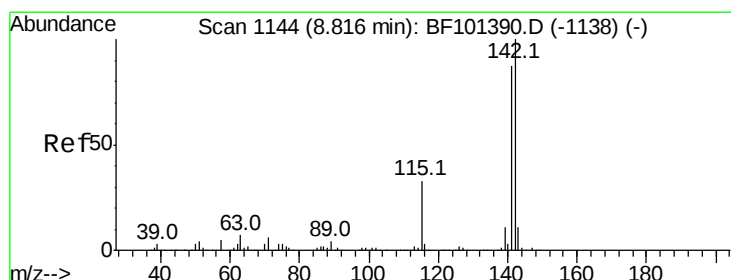
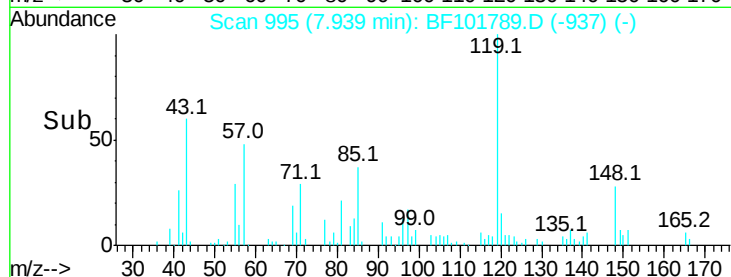
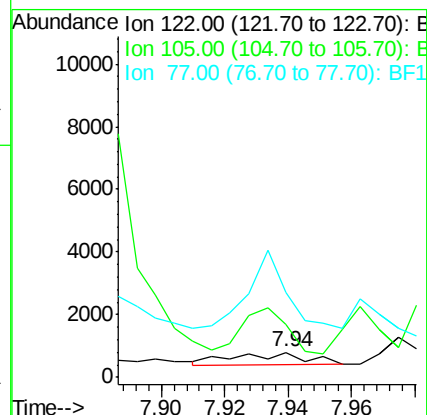
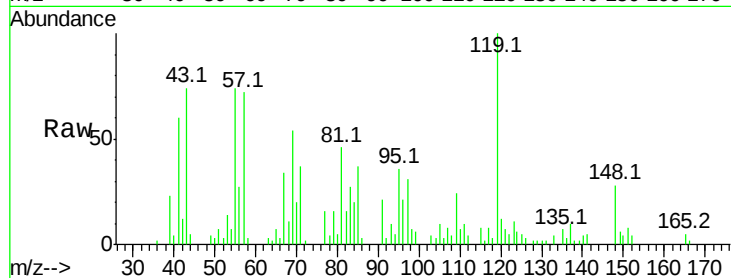
Tot Ion:122 Resp: 619

Ion Ratio Lower Upper

122 100

105 210.2 101.1 141.1#

77 339.1 70.7 110.7#



#37

2-Methylnaphthalene

Concen: 4.079 ng

RT: 8.79 min Scan# 1139

Delta R.T. 0.01 min

Lab File: BF101789.D

Acq: 28 Dec 2017 4:31

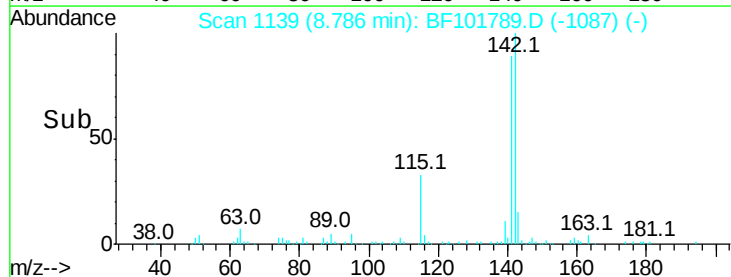
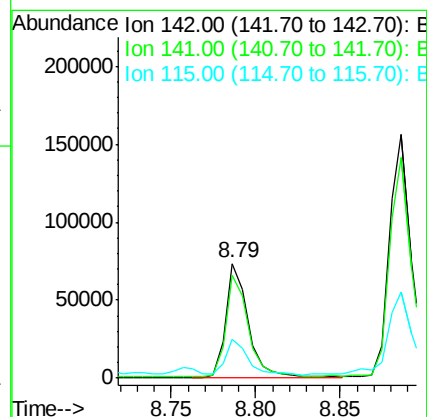
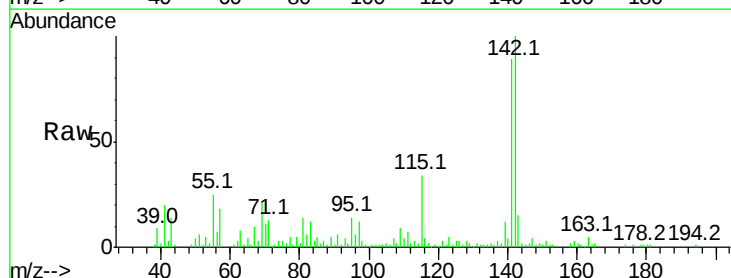
Tgt Ion:142 Resp: 68049

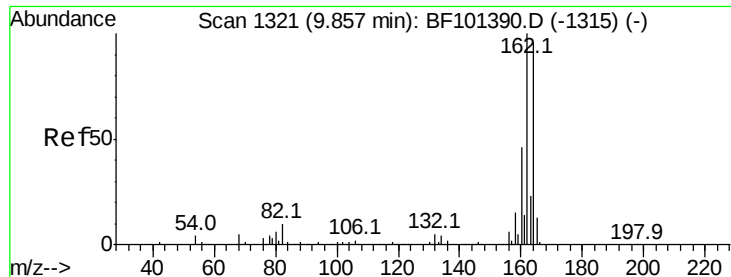
Ion Ratio Lower Upper

142 100

141 89.4 70.8 106.2

115 33.9 26.1 39.1

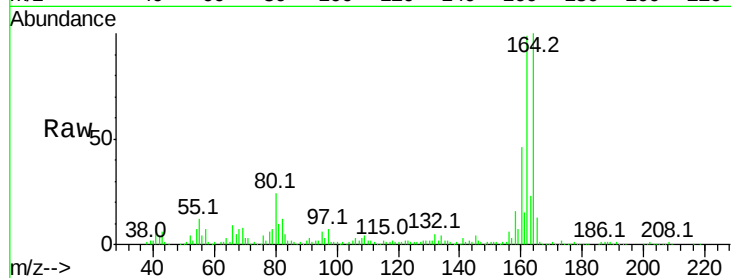




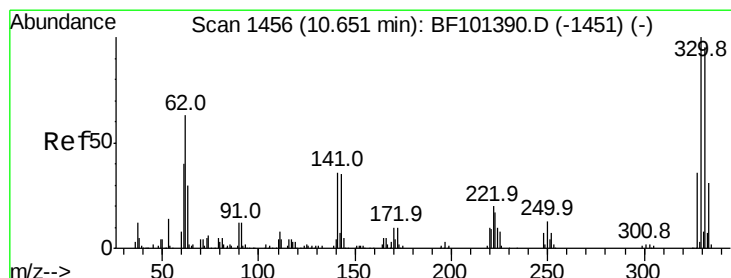
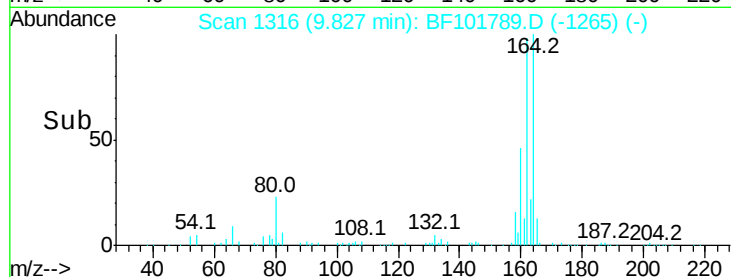
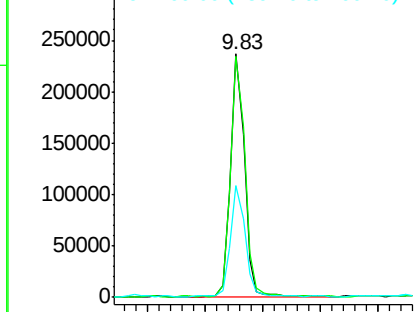
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BF101789.D
Acq: 28 Dec 2017 4:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 198554
Ion Ratio Lower Upper
164 100
162 98.8 86.1 129.1
160 46.1 38.3 57.5

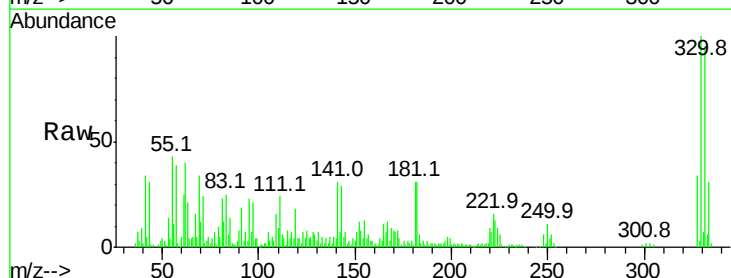


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

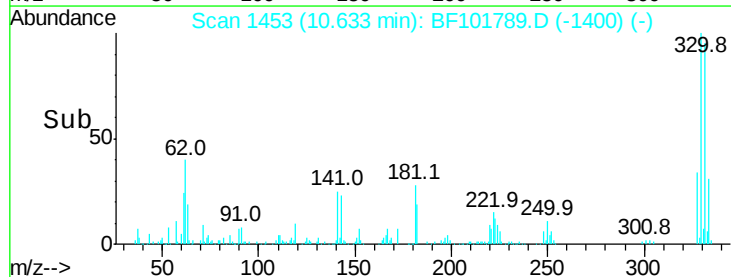
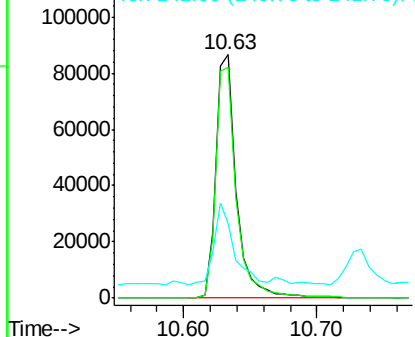


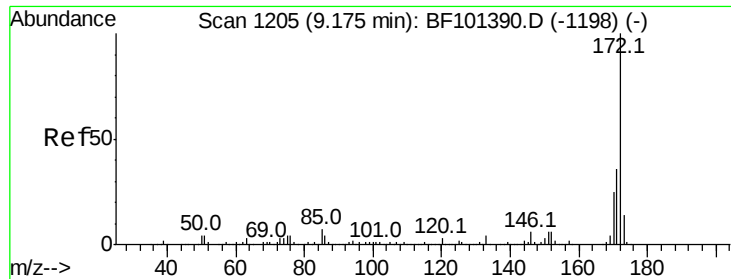
#41
2,4,6-Tribromophenol
Concen: 49.475 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.01 min
Lab File: BF101789.D
Acq: 28 Dec 2017 4:31

Tgt Ion:330 Resp: 94657
Ion Ratio Lower Upper
330 100
332 95.8 77.0 115.6
141 32.4 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

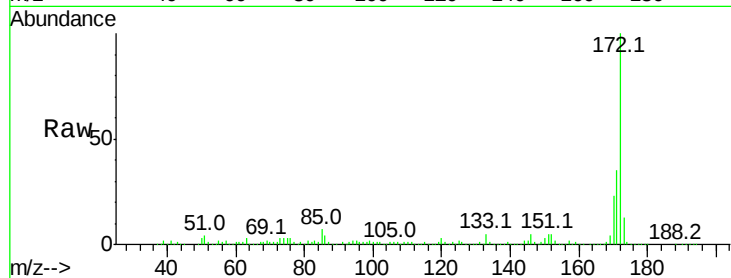




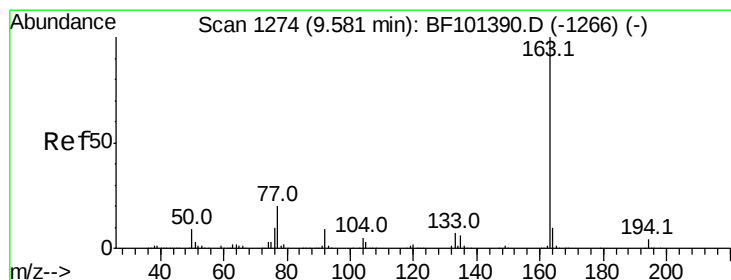
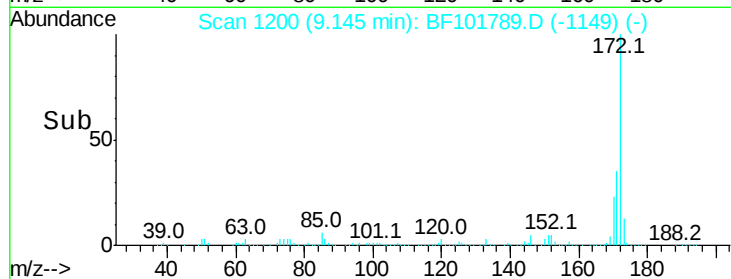
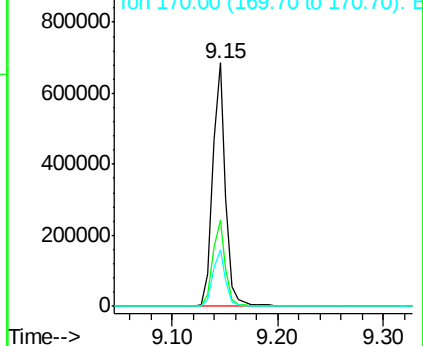
#44
2-Fluorobiphenyl
Concen: 45.896 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.00 min
Lab File: BF101789.D
Acq: 28 Dec 2017 4:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 587453
Ion Ratio Lower Upper
172 100
171 35.3 29.7 44.5
170 23.4 19.6 29.4

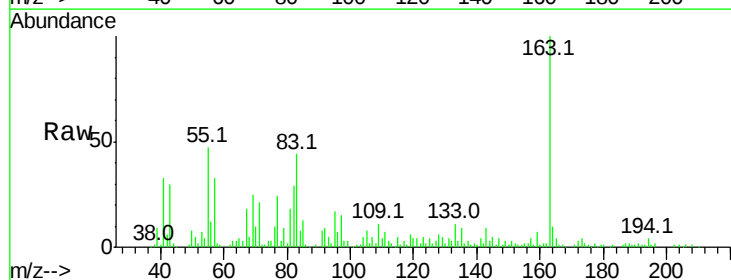


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

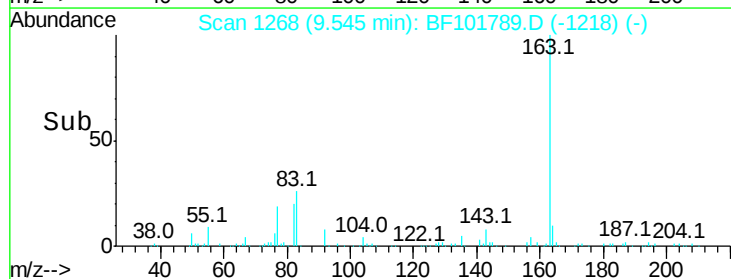
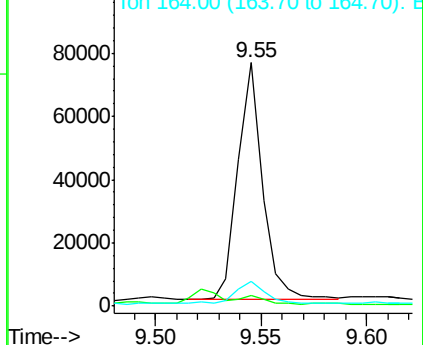


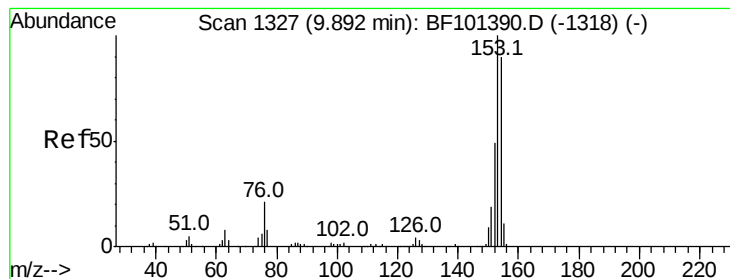
#49
Dimethylphthalate
Concen: 3.819 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF101789.D
Acq: 28 Dec 2017 4:31

Tgt Ion:163 Resp: 60992
Ion Ratio Lower Upper
163 100
194 4.4 2.7 4.1#
164 9.9 8.2 12.2



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

Acenaphthene

Concen: 12.366 ng

RT: 9.86 min Scan# 1322

Delta R.T. 0.01 min

Lab File: BF101789.D

Acq: 28 Dec 2017 4:31

Instrument :

BNA_F

ClientSampleId :

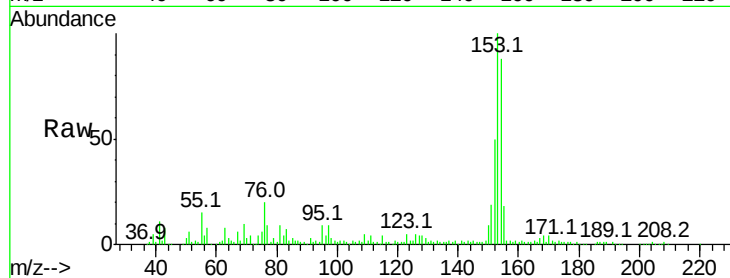
Tot Ion:154 Resp: 158107

Ion Ratio Lower Upper

154 100

153 113.9 91.2 136.8

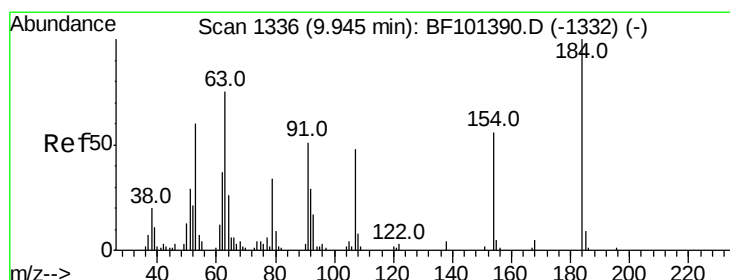
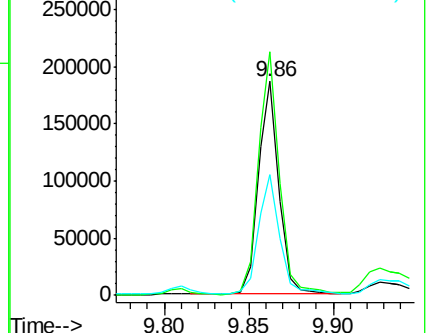
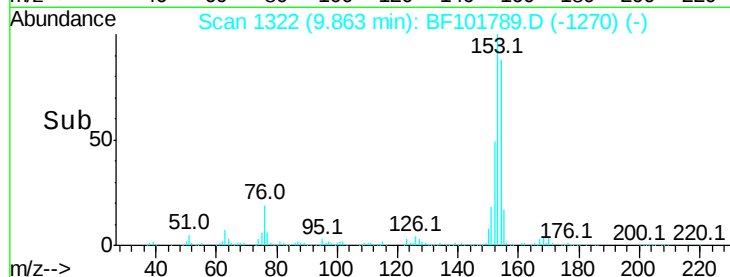
152 56.5 43.8 65.8



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



#53

2,4-Dinitrophenol

Concen: 10.698 ng

RT: 10.04 min Scan# 1352

Delta R.T. 0.10 min

Lab File: BF101789.D

Acq: 28 Dec 2017 4:31

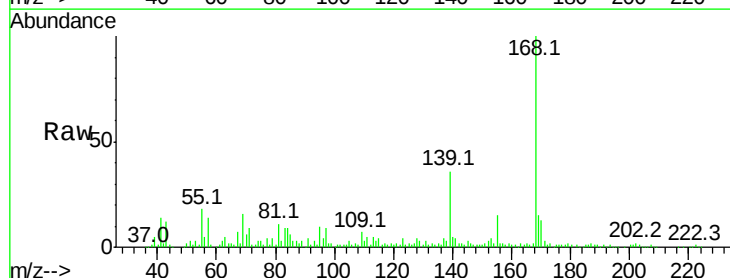
Tgt Ion:184 Resp: 490

Ion Ratio Lower Upper

184 100

63 1879.4 54.2 81.2#

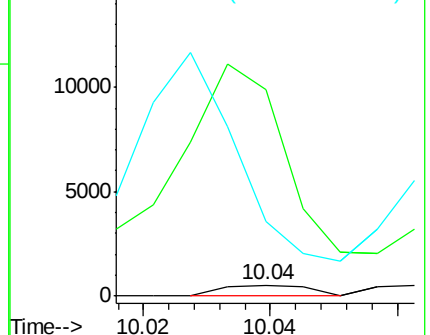
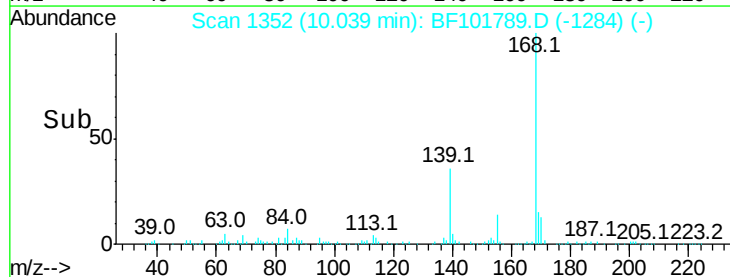
154 681.0 184.0 276.0#

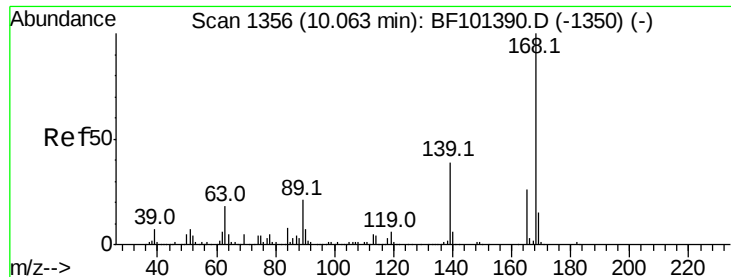


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 10.004 ng

RT: 10.04 min Scan# 1352

Delta R.T. 0.01 min

Lab File: BF101789.D

Acq: 28 Dec 2017 4:31

Instrument :

BNA_F

ClientSampled :

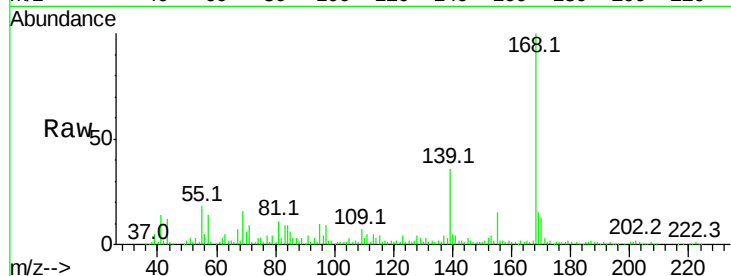
Tot Ion:168 Resp: 162540

Ion Ratio Lower Upper

168 100

139 36.3 30.1 45.1

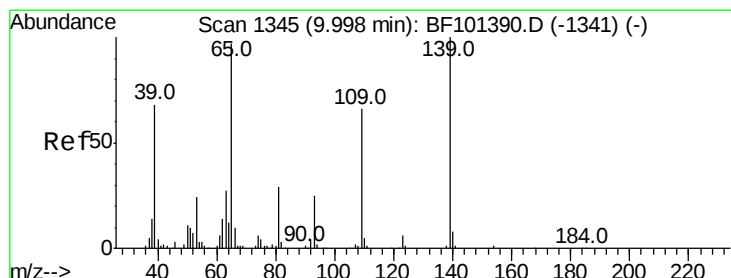
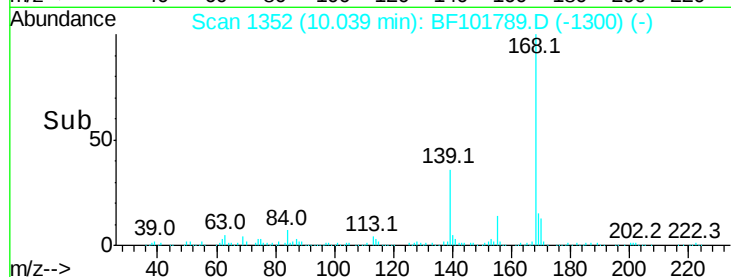
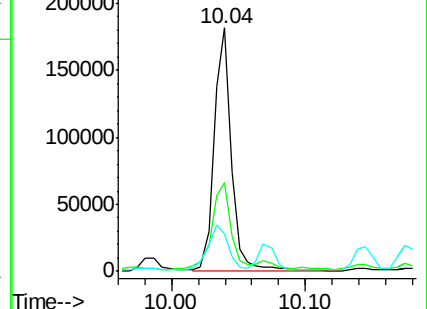
169 15.5 10.9 16.3



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: 36.630 ng

RT: 10.04 min Scan# 1352

Delta R.T. 0.05 min

Lab File: BF101789.D

Acq: 28 Dec 2017 4:31

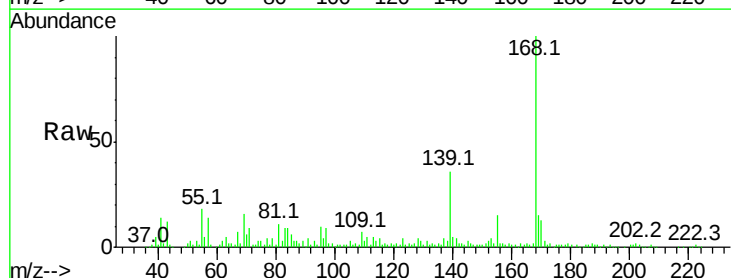
Tgt Ion:139 Resp: 64639

Ion Ratio Lower Upper

139 100

109 19.2 48.4 88.4#

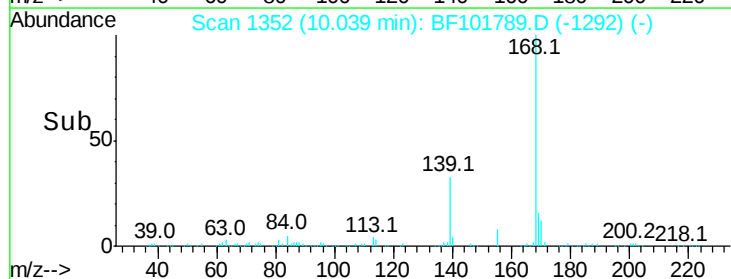
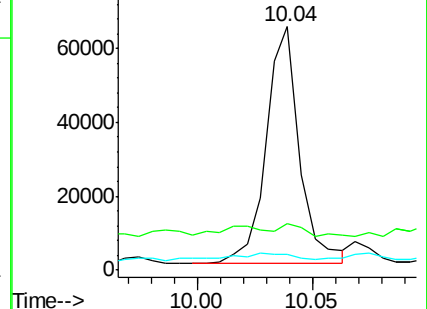
65 6.2 72.6 112.6#

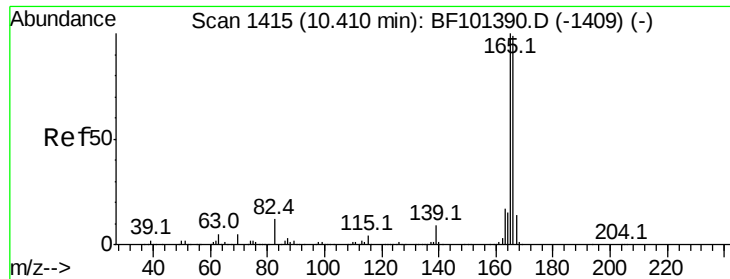


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

Fluorene

Concen: 16.949 ng

RT: 10.38 min Scan# 1410

Delta R.T. 0.01 min

Lab File: BF101789.D

Acq: 28 Dec 2017 4:31

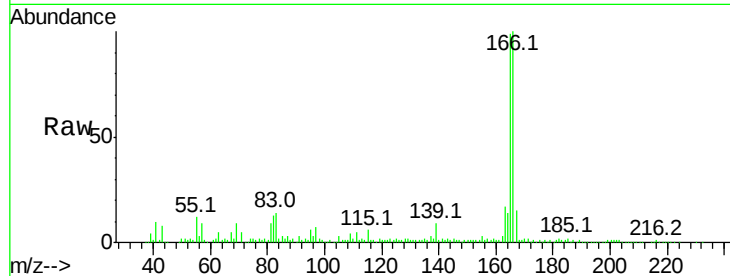
Instrument :

BNA_F

ClientSampleId :

Tot Ion:166 Resp: 232966

Ion	Ratio	Lower	Upper
166	100		
165	99.3	79.8	119.8
167	14.7	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

10.38

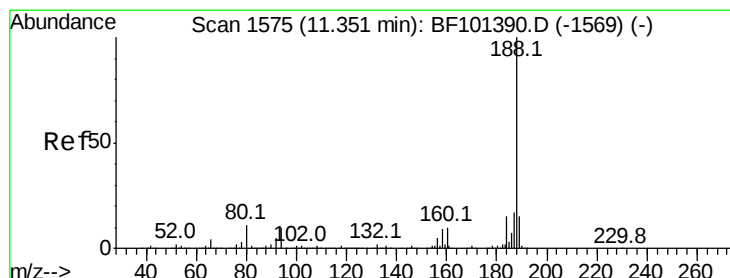
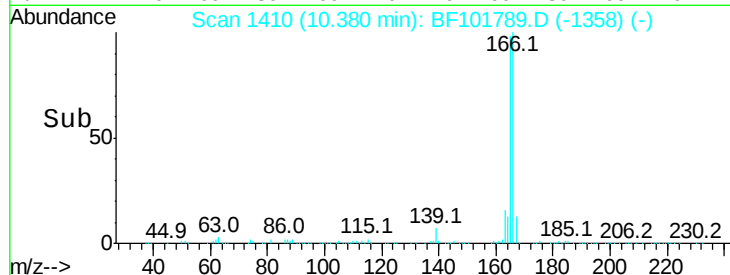
300000

200000

100000

0

Time-->



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1571

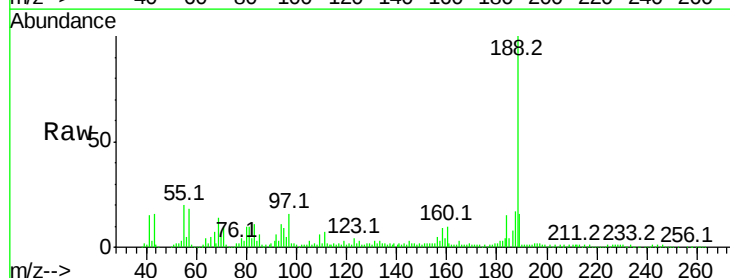
Delta R.T. 0.01 min

Lab File: BF101789.D

Acq: 28 Dec 2017 4:31

Tgt Ion:188 Resp: 280058

Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.5	12.7
80	10.4	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

11.33

400000

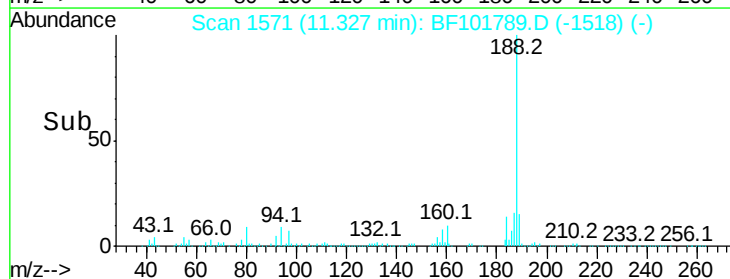
300000

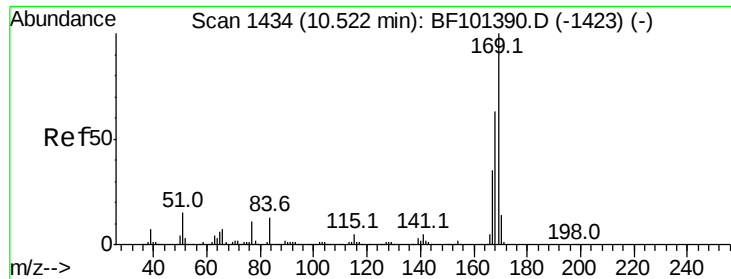
200000

100000

0

Time-->

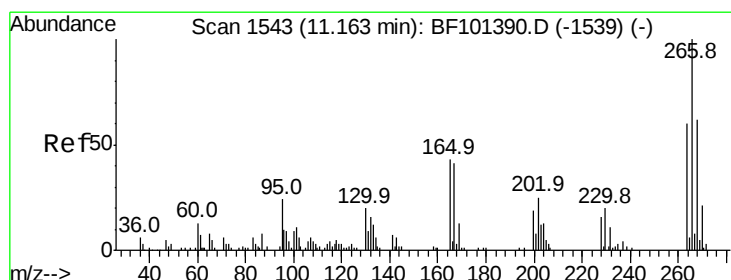
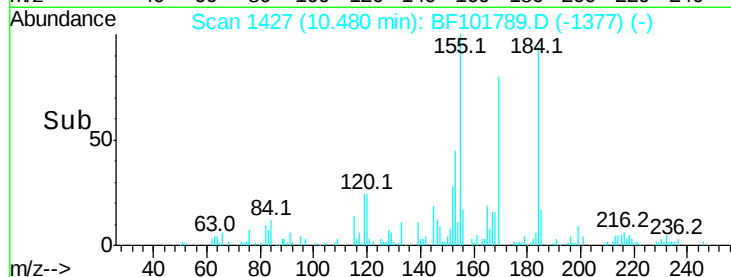
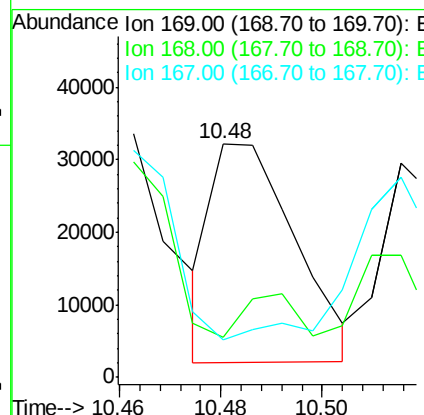
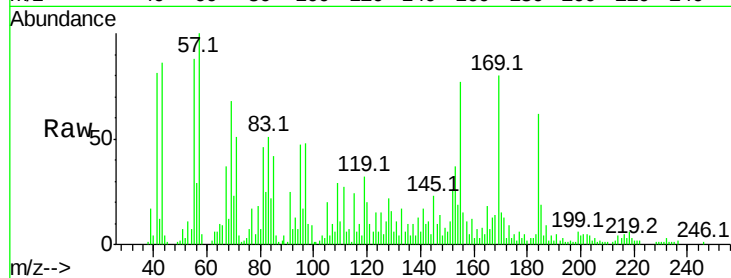




#65
n-Nitrosodiphenylamine
Concen: 3.352 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF101789.D
Acq: 28 Dec 2017 4:31

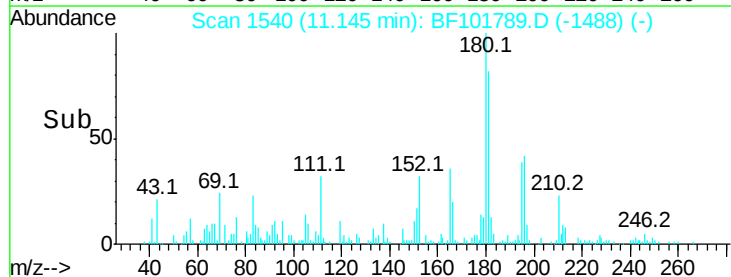
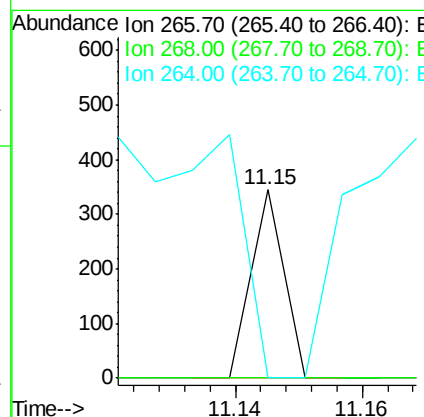
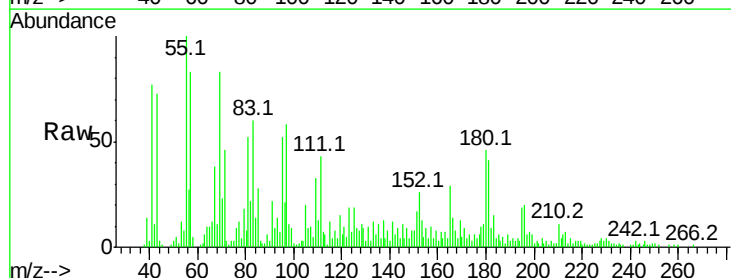
Instrument :
BNA_F
ClientSampleId :

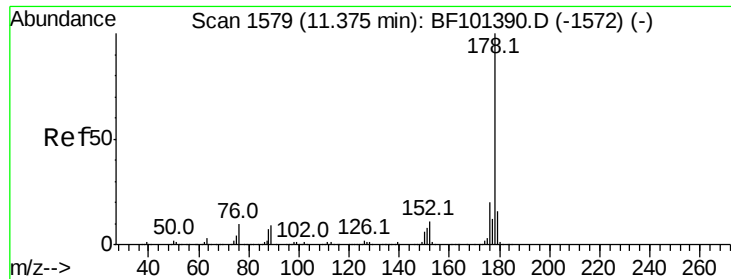
Tot Ion:169 Resp: 34660
Ion Ratio Lower Upper
169 100
168 17.0 54.4 81.6#
167 16.1 29.8 44.6#



#69
Pentachlorophenol
Concen: 6.643 ng
RT: 11.15 min Scan# 1540
Delta R.T. 0.01 min
Lab File: BF101789.D
Acq: 28 Dec 2017 4:31

Tgt Ion:266 Resp: 122
Ion Ratio Lower Upper
266 100
268 0.0 51.1 76.7#
264 0.0 49.5 74.3#

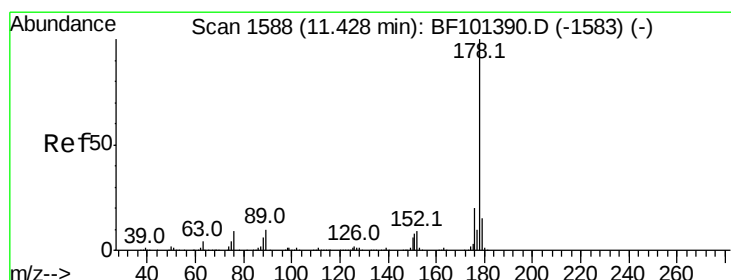
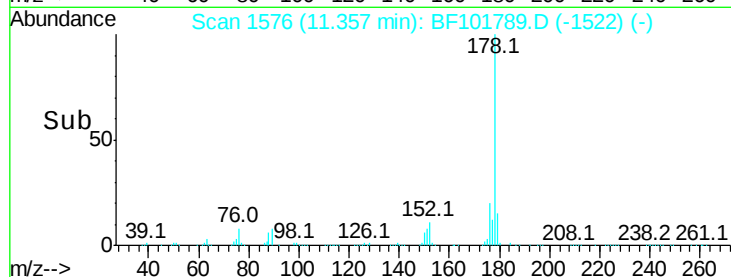
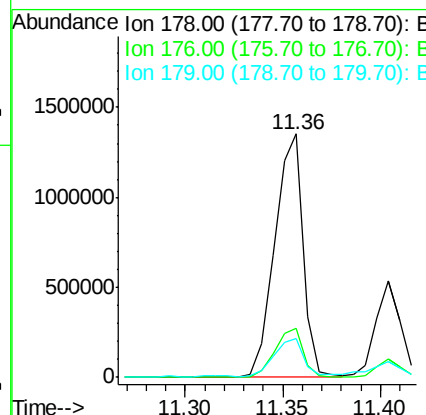
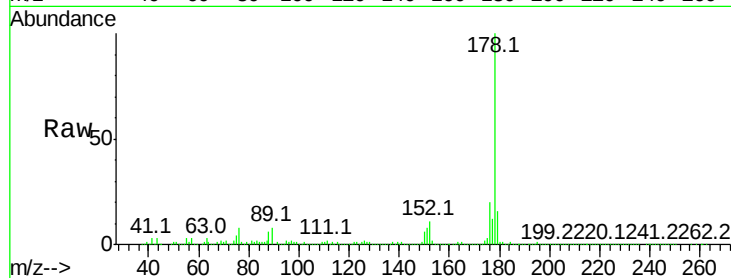




#70
Phenanthrene
Concen: 86.303 ng
RT: 11.36 min Scan# 1576
Delta R.T. 0.02 min
Lab File: BF101789.D
Acq: 28 Dec 2017 4:31

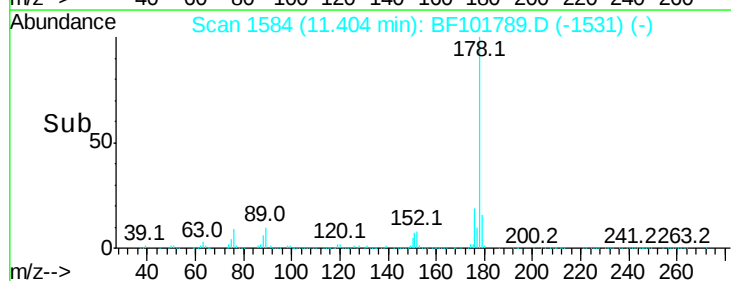
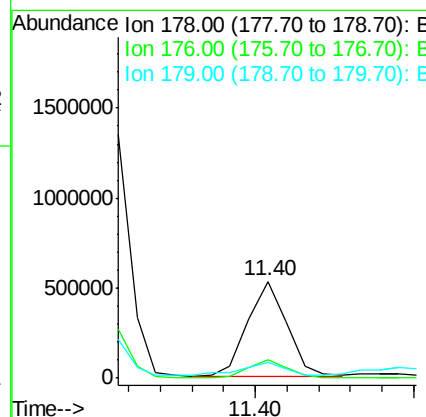
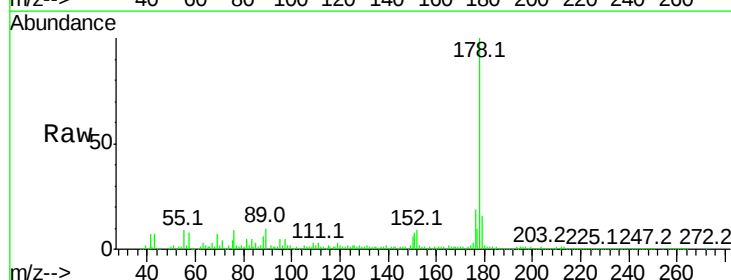
Instrument :
BNA_F
ClientSampleId :

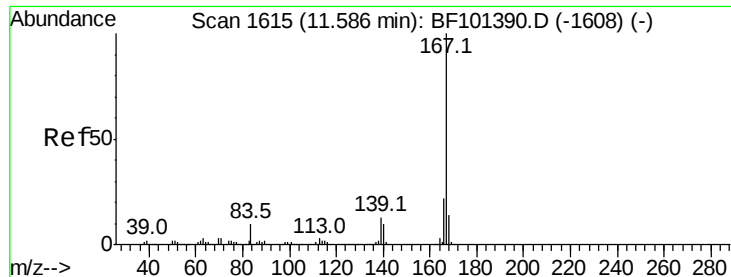
Tot Ion:178 Resp: 1344122
Ion Ratio Lower Upper
178 100
176 20.3 15.8 23.8
179 15.8 13.0 19.6



#71
Anthracene
Concen: 28.306 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.01 min
Lab File: BF101789.D
Acq: 28 Dec 2017 4:31

Tgt Ion:178 Resp: 450315
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.2
179 16.3 12.6 19.0





#72

Carbazole

Concen: 13.325 ng

RT: 11.57 min Scan# 1612

Delta R.T. 0.01 min

Lab File: BF101789.D

Acq: 28 Dec 2017 4:31

Instrument :

BNA_F

ClientSampleId :

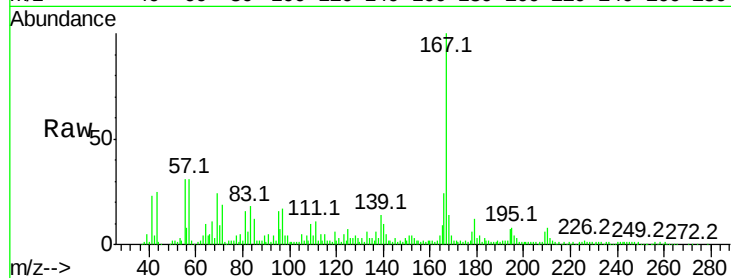
Tot Ion:167 Resp: 198466

Ion Ratio Lower Upper

167 100

166 23.5 17.6 26.4

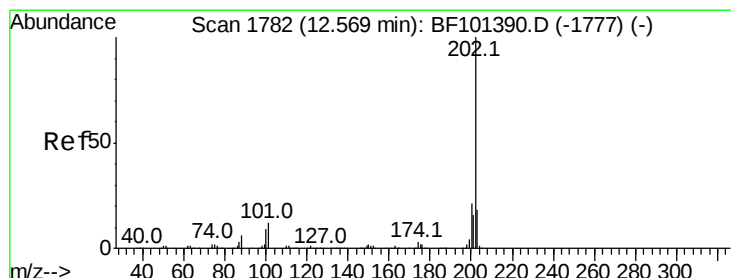
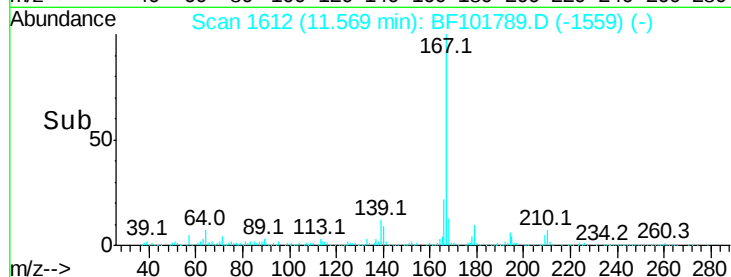
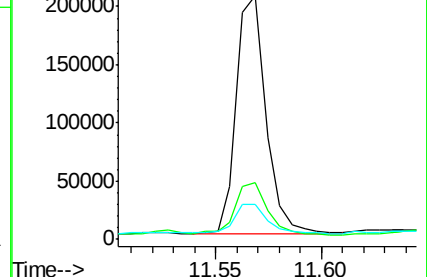
139 14.5 10.9 16.3



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

Fluoranthene

Concen: 86.100 ng

RT: 12.56 min Scan# 1780

Delta R.T. 0.02 min

Lab File: BF101789.D

Acq: 28 Dec 2017 4:31

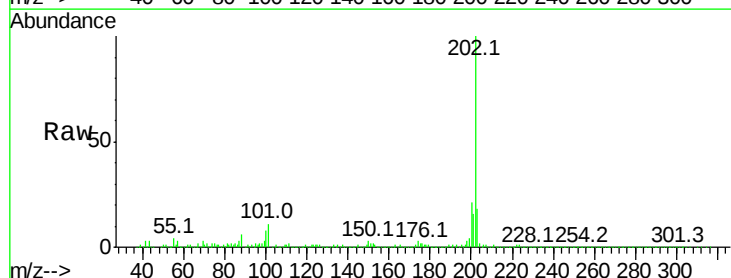
Tgt Ion:202 Resp: 1407528

Ion Ratio Lower Upper

202 100

101 11.3 0.0 34.1

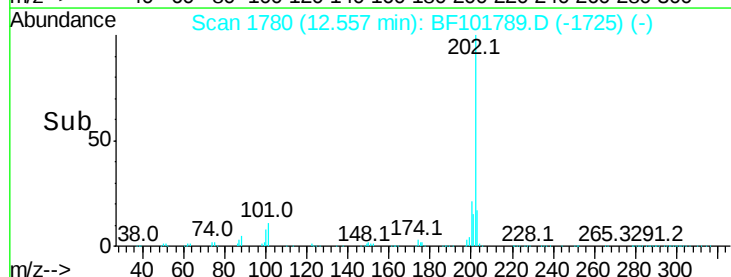
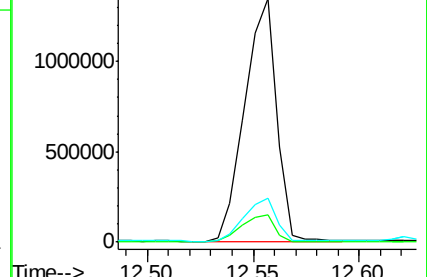
203 17.9 0.0 38.1

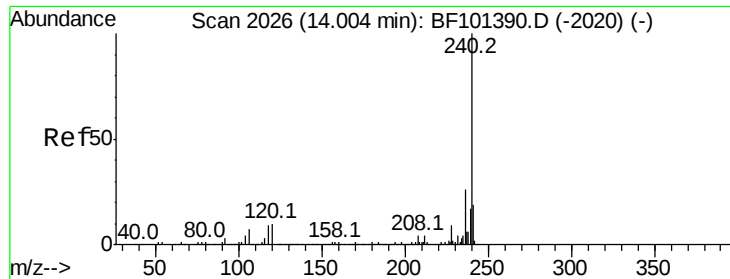


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2024

Delta R.T. 0.02 min

Lab File: BF101789.D

Acq: 28 Dec 2017 4:31

Instrument :

BNA_F

ClientSampleId :

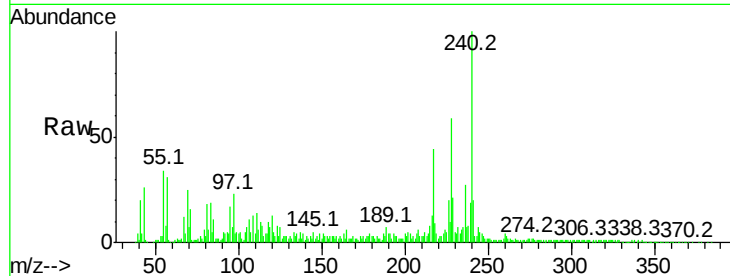
Tot Ion:240 Resp: 209787

Ion Ratio Lower Upper

240 100

120 12.6 9.5 14.3

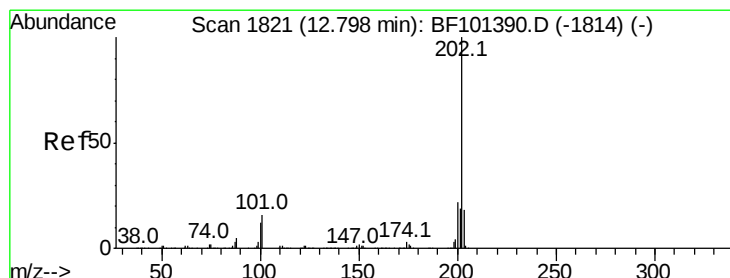
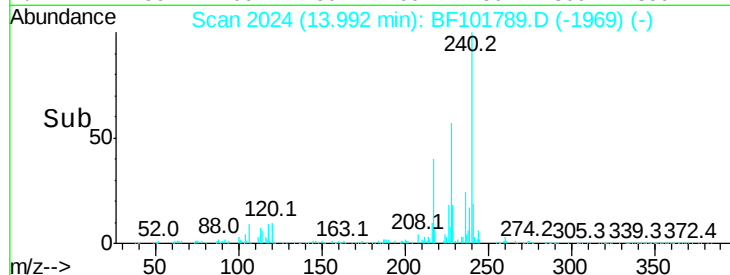
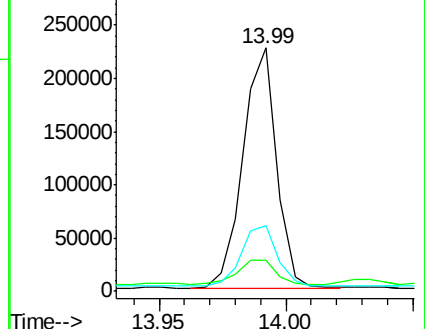
236 27.1 20.7 31.1



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: 76.536 ng

RT: 12.79 min Scan# 1819

Delta R.T. 0.02 min

Lab File: BF101789.D

Acq: 28 Dec 2017 4:31

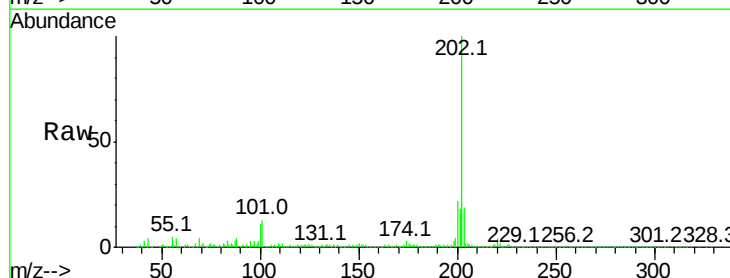
Tgt Ion:202 Resp: 1205019

Ion Ratio Lower Upper

202 100

200 21.8 17.4 26.2

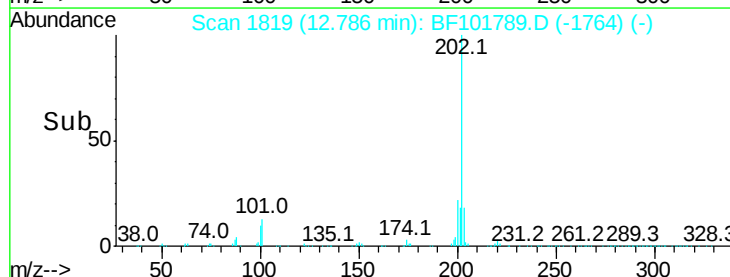
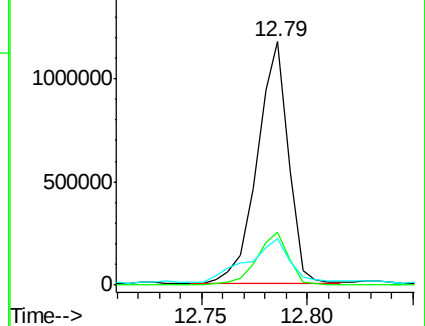
203 19.0 14.3 21.5

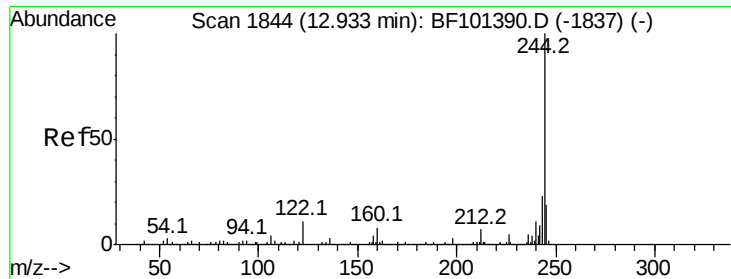


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 42.212 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.01 min

Lab File: BF101789.D

Acq: 28 Dec 2017 4:31

Instrument :

BNA_F

ClientSampleId :

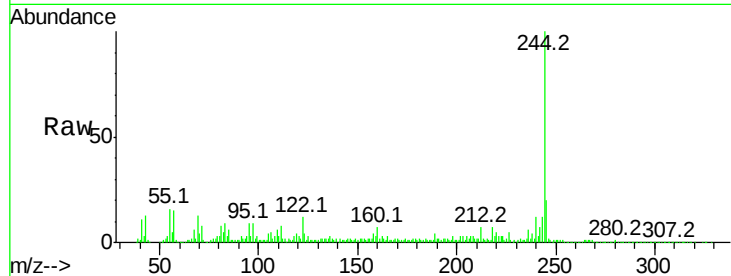
Tot Ion:244 Resp: 367334

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

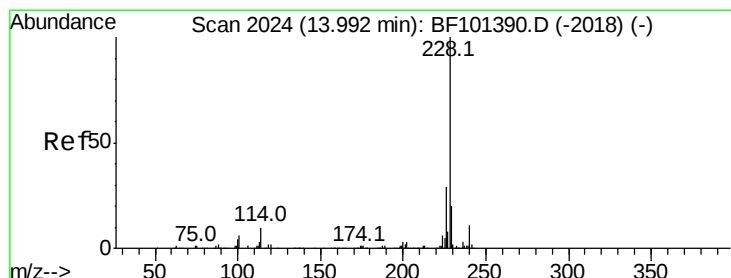
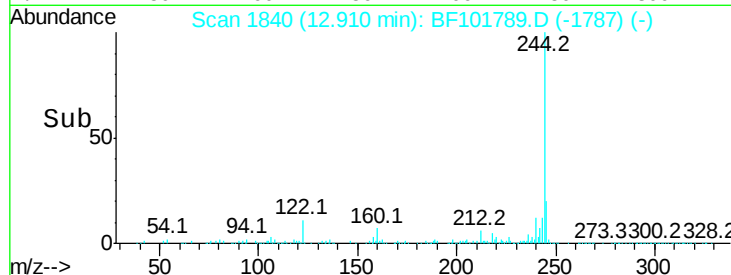
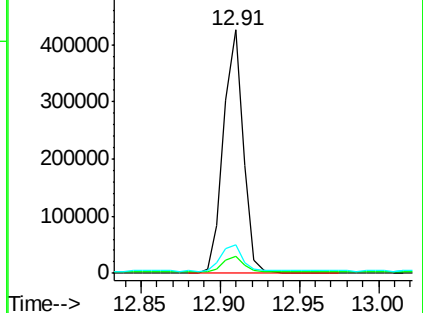
122 11.6 11.0 16.4



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

Benzo(a)anthracene

Concen: 52.911 ng

RT: 13.98 min Scan# 2022

Delta R.T. 0.02 min

Lab File: BF101789.D

Acq: 28 Dec 2017 4:31

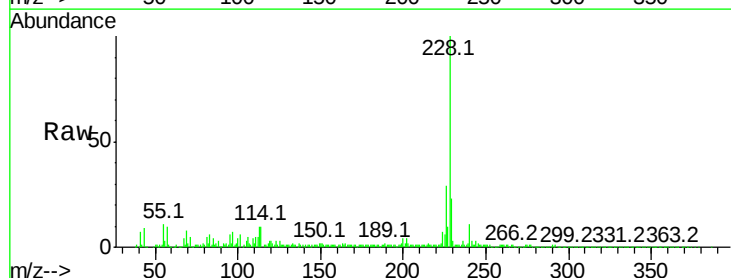
Tgt Ion:228 Resp: 732959

Ion Ratio Lower Upper

228 100

226 28.7 22.6 33.8

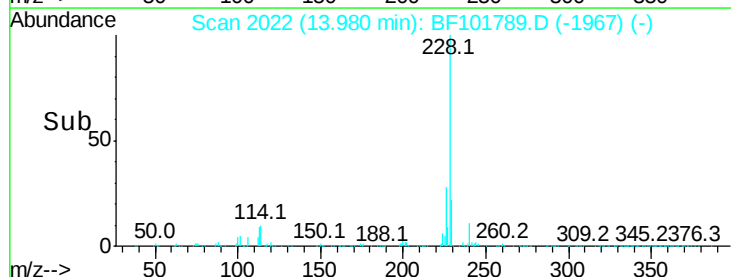
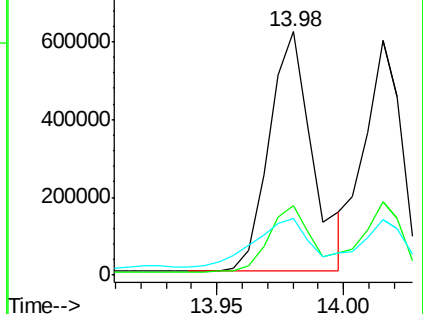
229 23.3 15.8 23.6

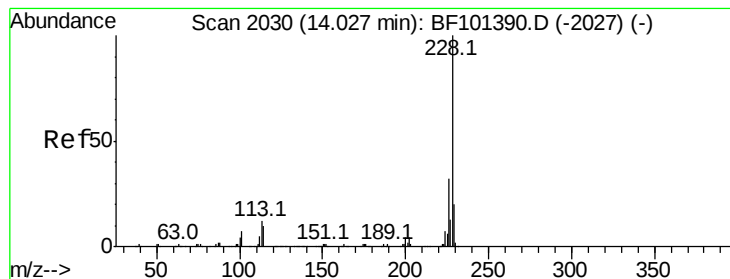


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 46.303 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.02 min

Lab File: BF101789.D

Acq: 28 Dec 2017 4:31

Instrument :

BNA_F

ClientSampleId :

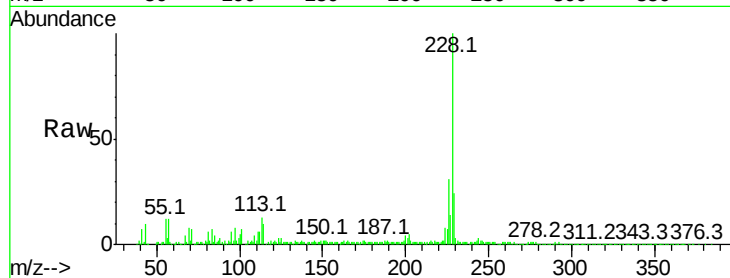
Tot Ion:228 Resp: 605609

Ion Ratio Lower Upper

228 100

226 31.5 25.0 37.6

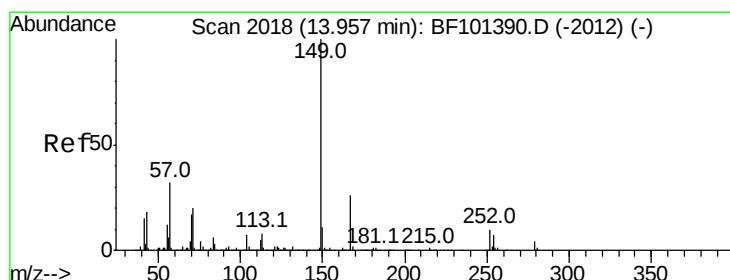
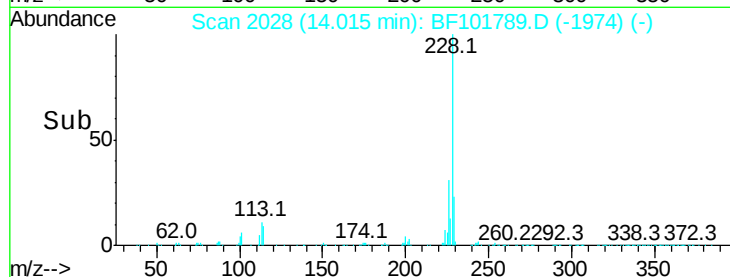
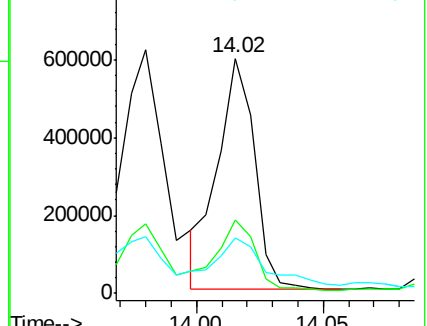
229 23.7 16.2 24.4



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: 2.462 ng

RT: 13.93 min Scan# 2013

Delta R.T. 0.01 min

Lab File: BF101789.D

Acq: 28 Dec 2017 4:31

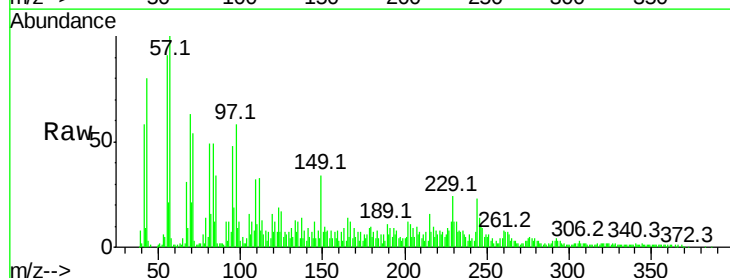
Tgt Ion:149 Resp: 22216

Ion Ratio Lower Upper

149 100

167 34.3 21.3 31.9#

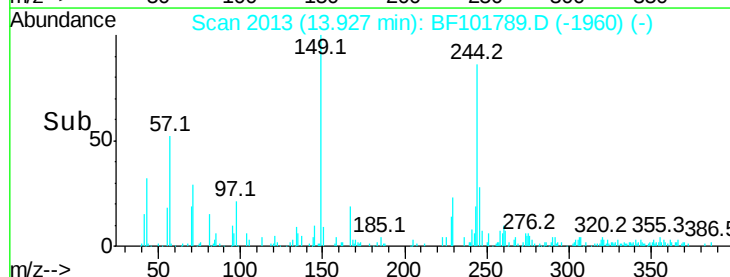
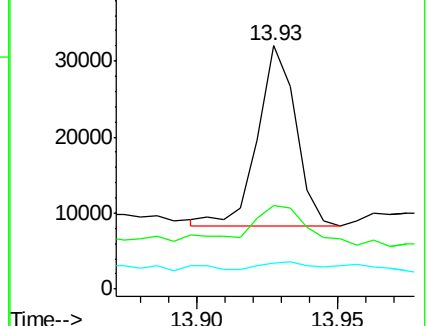
279 10.9 3.0 4.4#

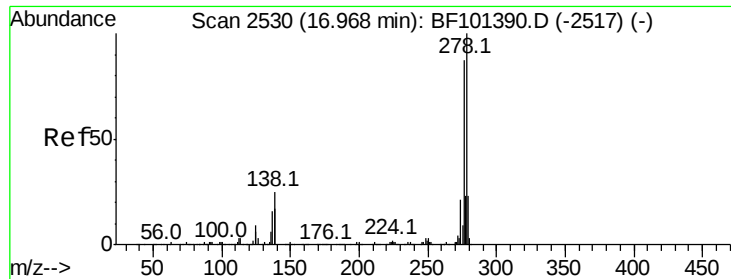


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

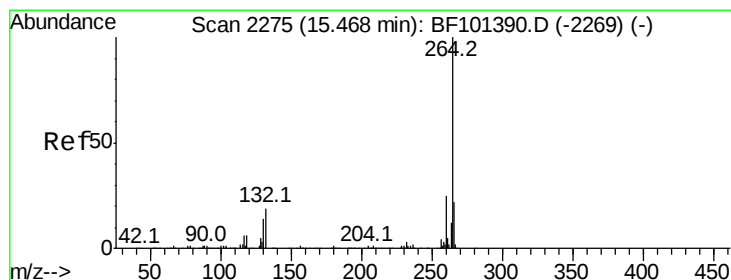
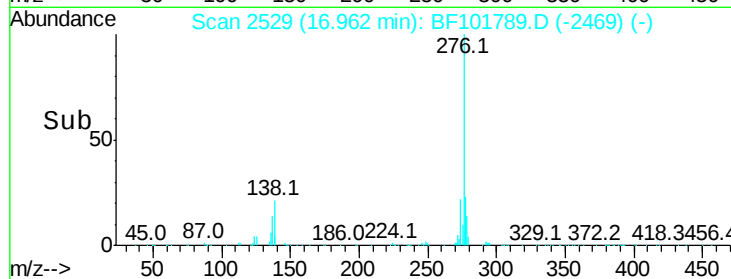
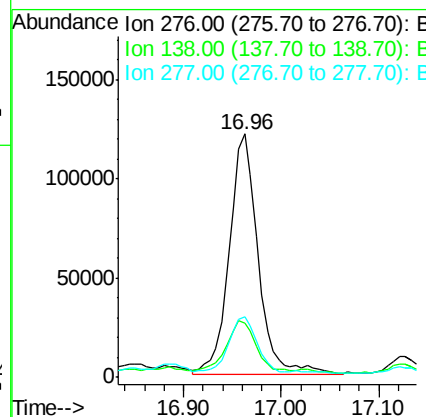
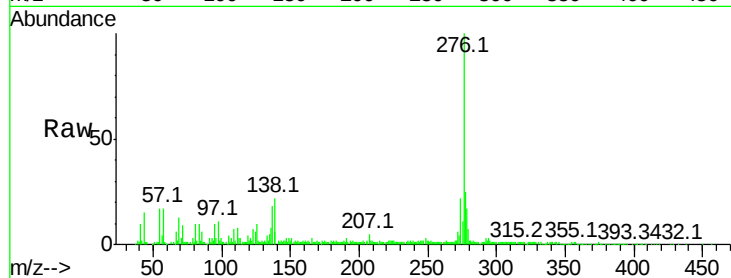




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 21.158 ng
 RT: 16.96 min Scan# 2529
 Delta R.T. 0.05 min
 Lab File: BF101789.D
 Acq: 28 Dec 2017 4:31

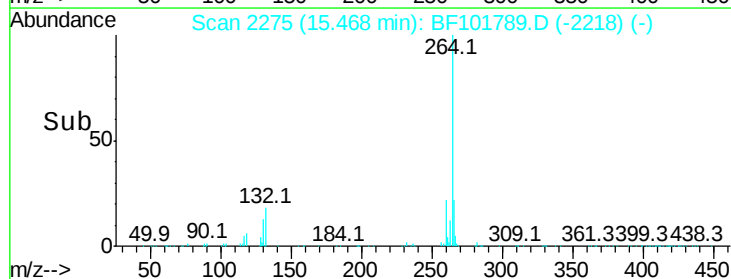
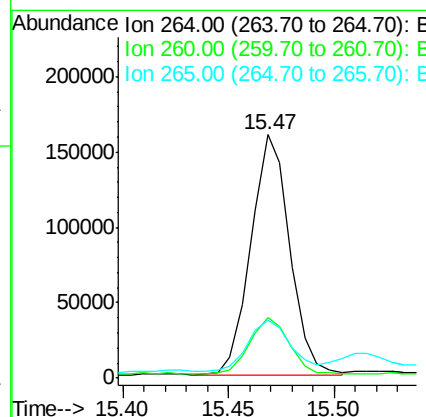
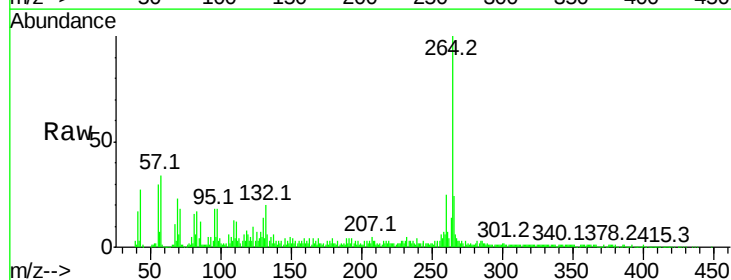
Instrument :
 BNA_F
 ClientSampleId :

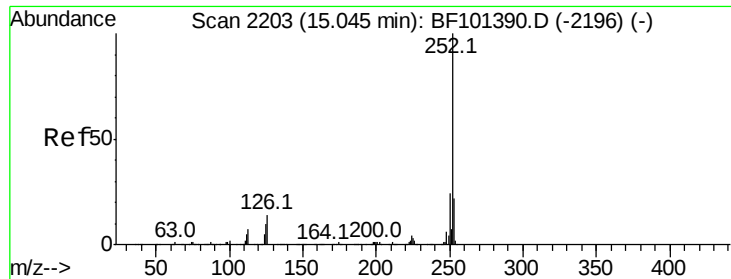
Tot Ion	Ratio	Lower	Upper
276	100		
138	23.8	25.0	37.6#
277	22.7	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. 0.04 min
 Lab File: BF101789.D
 Acq: 28 Dec 2017 4:31

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.2	28.8
265	24.0	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 65.670 ng

RT: 15.04 min Scan# 2203

Delta R.T. 0.04 min

Lab File: BF101789.D

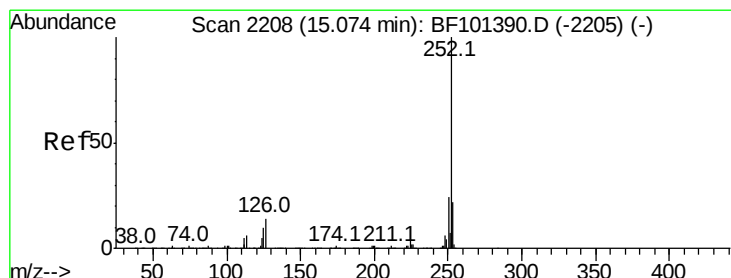
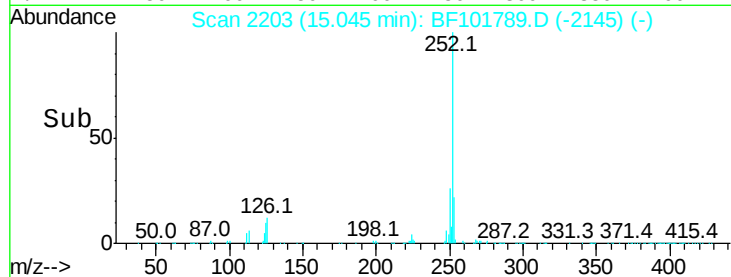
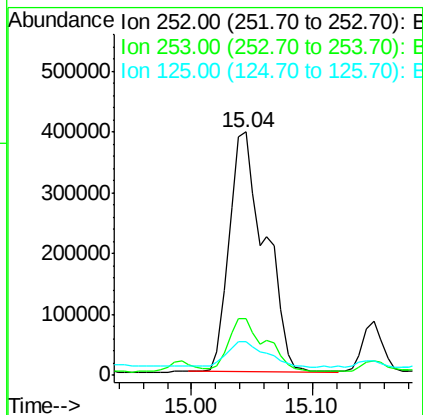
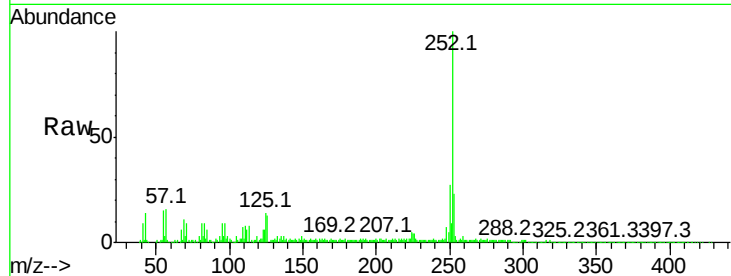
Acq: 28 Dec 2017 4:31

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	252	Resp:	812865
Ion Ratio	Lower	Upper	
252	100		
253	23.3	17.0	25.6
125	14.1	9.0	13.6#



#88

Benzo(k)fluoranthene

Concen: 67.543 ng

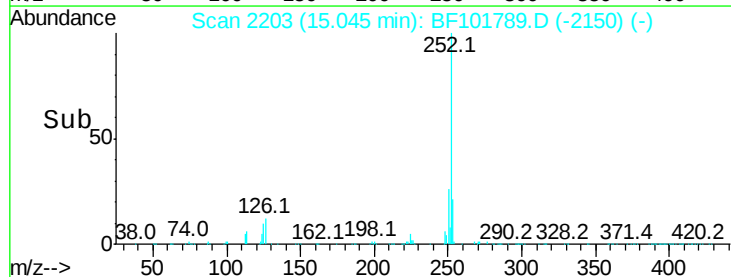
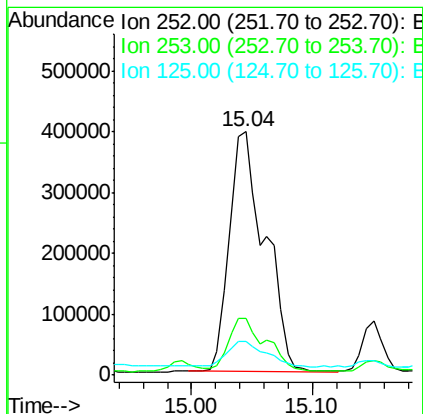
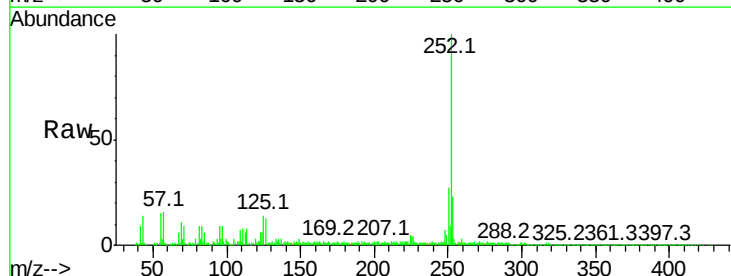
RT: 15.04 min Scan# 2203

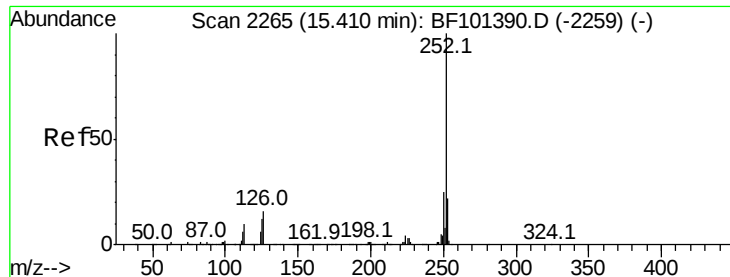
Delta R.T. 0.01 min

Lab File: BF101789.D

Acq: 28 Dec 2017 4:31

Tgt Ion:	252	Resp:	812865
Ion Ratio	Lower	Upper	
252	100		
253	23.3	17.9	26.9
125	14.1	10.2	15.2





#89

Benzo(a)pyrene

Concen: 38.002 ng

RT: 15.41 min Scan# 2265

Delta R.T. 0.04 min

Lab File: BF101789.D

Acq: 28 Dec 2017 4:31

Instrument :

BNA_F

ClientSampleId :

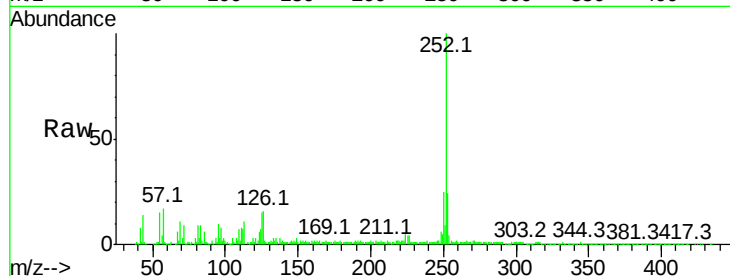
Tot Ion:252 Resp: 433629

Ion Ratio Lower Upper

252 100

253 23.7 17.1 25.7

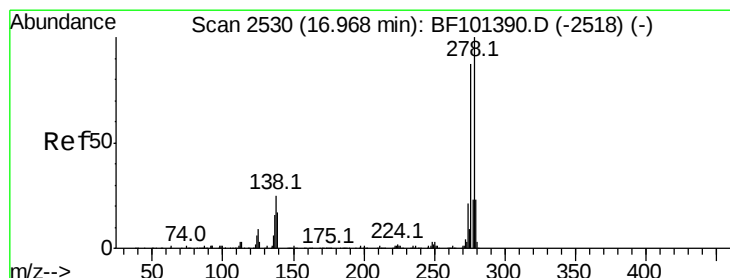
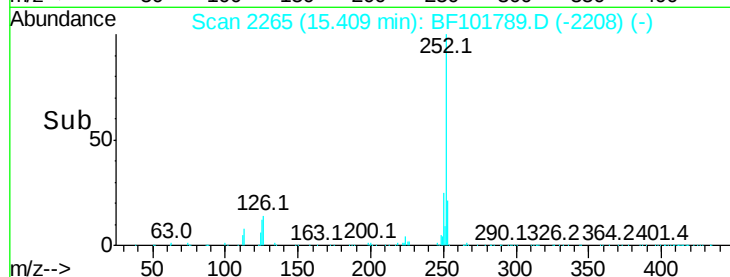
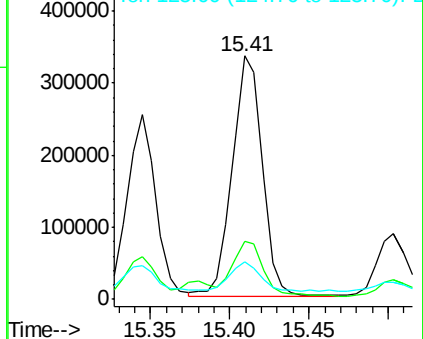
125 15.4 9.8 14.6#



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: 7.187 ng

RT: 16.94 min Scan# 2526

Delta R.T. 0.04 min

Lab File: BF101789.D

Acq: 28 Dec 2017 4:31

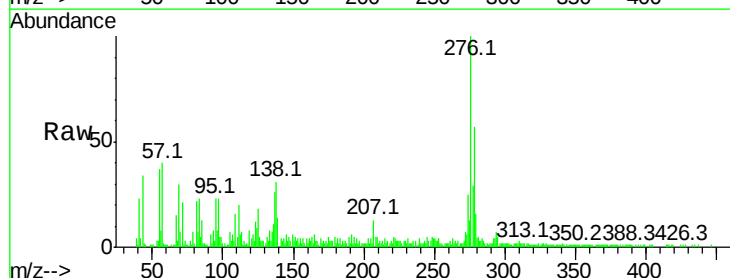
Tgt Ion:278 Resp: 70408

Ion Ratio Lower Upper

278 100

139 25.1 15.9 23.9#

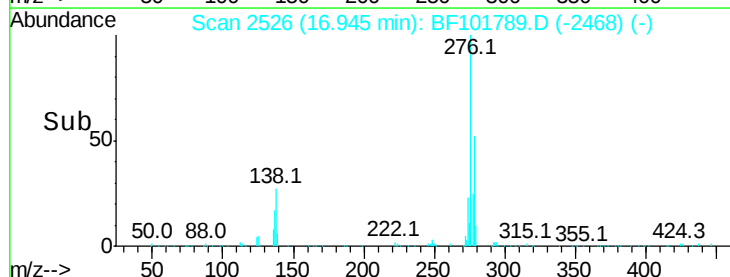
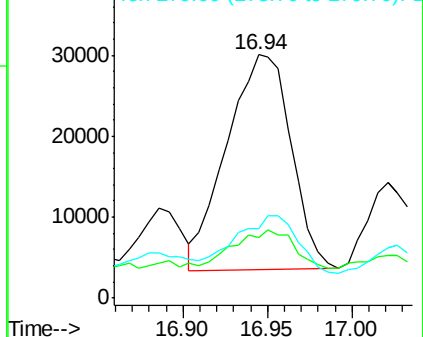
279 28.8 19.0 28.4#

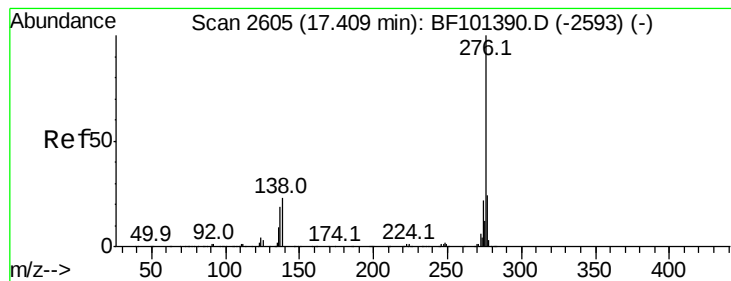


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 22.351 ng

RT: 17.42 min Scan# 2606

Delta R.T. 0.06 min

Lab File: BF101789.D

Acq: 28 Dec 2017 4:31

Instrument :

BNA_F

ClientSampleId :

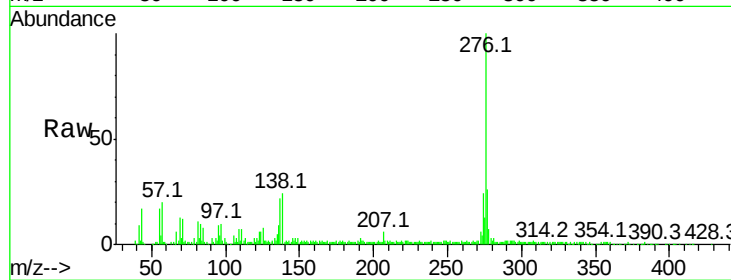
Tot Ion:276 Resp: 216835

Ion Ratio Lower Upper

276 100

277 25.9 17.9 26.9

138 24.2 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

