

Data Path : U:\HPCHEM1\BNA F\DATA\BF012818\
 Data File : BF102566.D
 Acq On : 28 Jan 2018 19:16
 Operator : SJ/JU
 Sample : J1290-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 29 03:17:30 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 27 20:48:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	158523	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	649023	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	275233	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	404327	20.00	ng	0.00
75) Chrysene-d12	13.88	240	261555	20.00	ng	0.00
86) Perylene-d12	15.32	264	253402	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1126347	107.73	ng	0.00
7) Phenol-d6	6.36	99	1345101	106.72	ng	0.00
23) Nitrobenzene-d5	7.28	82	850129	75.27	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	228402	83.75	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1103923	58.97	ng	0.00
78) Terphenyl-d14	12.82	244	711618	61.33	ng	0.00

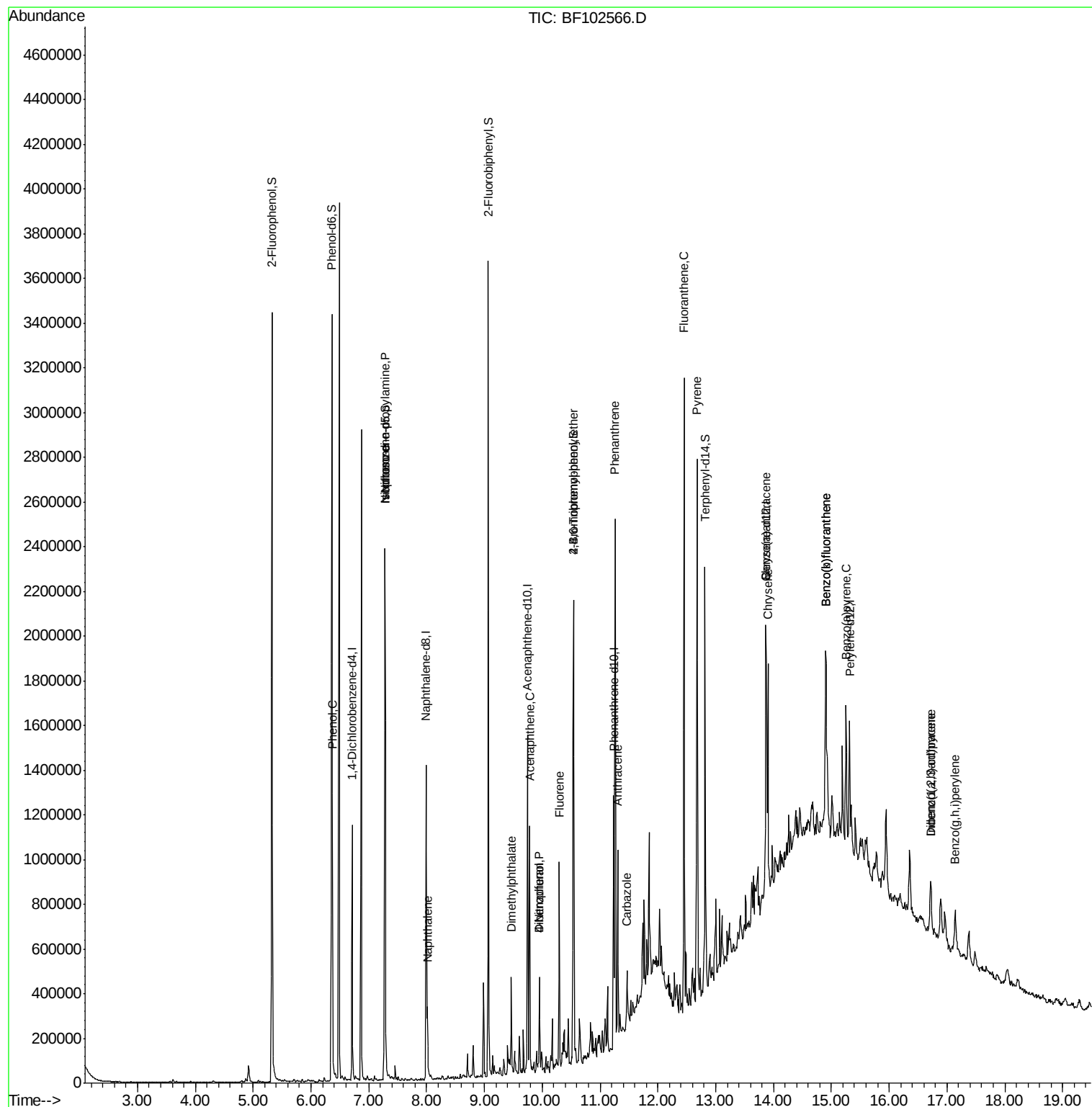
Target Compounds				Qvalue		
10) Phenol	6.37	94	55519	4.035	ng	98
19) n-Nitroso-di-n-propylamine	7.28	70	112827	14.627	ng	# 80
25) Isophorone	7.28	82	850123	42.223	ng	# 64
31) Naphthalene	8.02	128	121401	3.746	ng	99
49) Dimethylphthalate	9.46	163	145389	6.391	ng	100
51) Acenaphthene	9.78	154	230072	13.219	ng	98
54) Dibenzofuran	9.95	168	147044	6.242	ng	99
55) 4-Nitrophenol	9.95	139	57718	15.069	ng	# 11
57) Fluorene	10.29	166	241702	12.949	ng	98
66) 4-Bromophenyl-phenylether	10.54	248	15418	3.542	ng	# 1
70) Phenanthrene	11.26	178	914760	38.825	ng	99
71) Anthracene	11.31	178	308824	12.842	ng	99
72) Carbazole	11.47	167	87349	3.723	ng	98
74) Fluoranthene	12.46	202	1189467	49.506	ng	98
77) Pyrene	12.68	202	1010996	49.994	ng	99
80) Benzo(a)anthracene	13.87	228	455367	28.278	ng	98
82) Chrysene	13.90	228	367304	22.462	ng	97
85) Indeno(1,2,3-cd)pyrene	16.72	276	141592	10.484	ng	96
87) Benzo(b)fluoranthene	14.90	252	567532	34.555	ng	# 86
88) Benzo(k)fluoranthene	14.90	252	567532	36.574	ng	# 89
89) Benzo(a)pyrene	15.26	252	305428	20.619	ng	# 95
90) Dibenzo(a,h)anthracene	16.72	278	36268	3.023	ng	# 74
91) Benzo(g,h,i)perylene	17.14	276	135251	11.416	ng	# 91

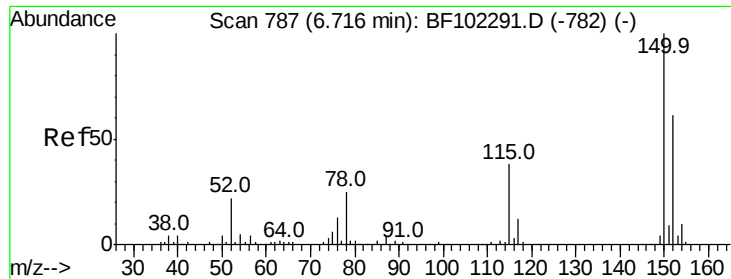
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : U:\HPCHEM1\BNA F\DATA\BF012818\
Data File : BF102566.D
Acq On : 28 Jan 2018 19:16
Operator : SJ/JU
Sample : J1290-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 29 03:17:30 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 27 20:48:40 2018
Response via : Initial Calibration



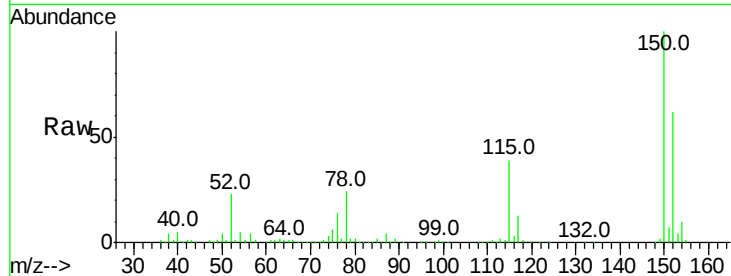


#1

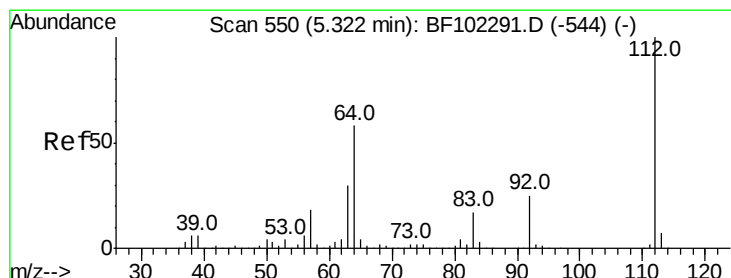
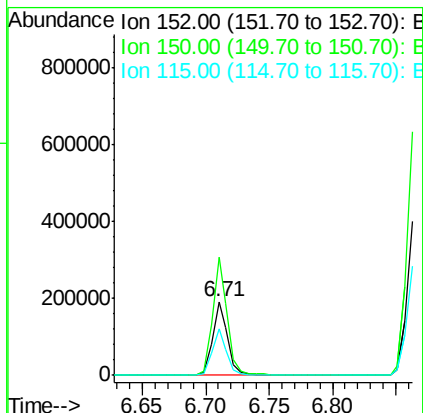
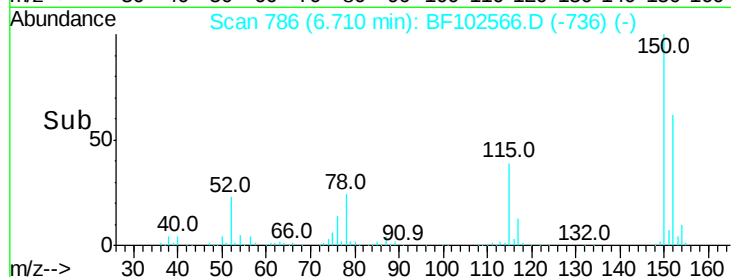
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF102566.D
Acq: 28 Jan 2018 19:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 158523
Ion Ratio Lower Upper
152 100
150 160.8 124.6 186.8
115 62.8 50.1 75.1



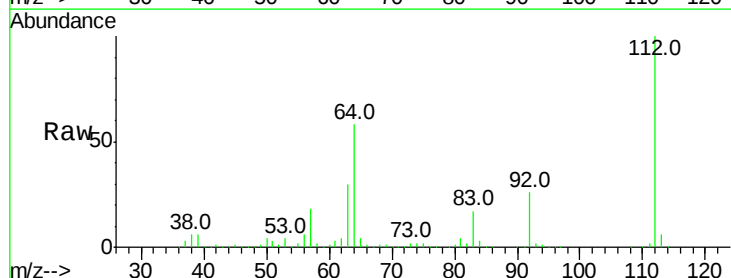
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



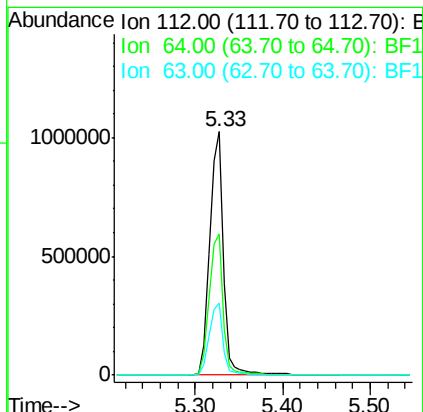
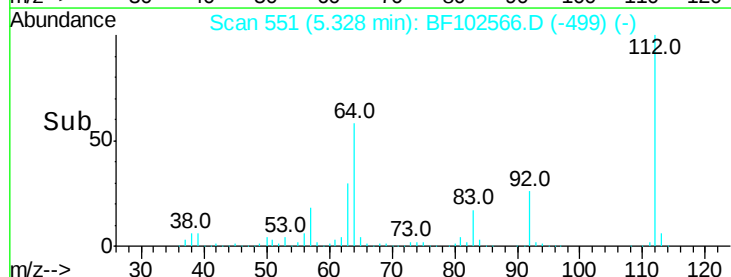
#5

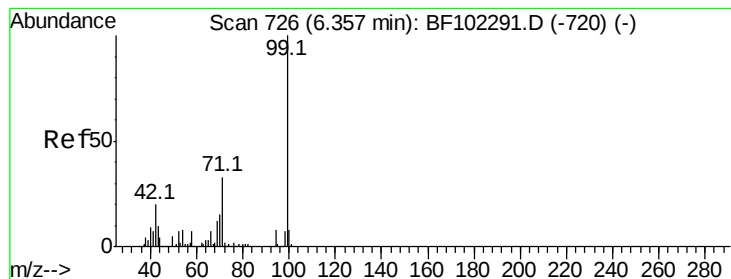
2-Fluorophenol
Concen: 107.734 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF102566.D
Acq: 28 Jan 2018 19:16

Tgt Ion:112 Resp: 1126347
Ion Ratio Lower Upper
112 100
64 58.1 47.9 71.9
63 29.9 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: 106.718 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF102566.D

Acq: 28 Jan 2018 19:16

Instrument :

BNA_F

ClientSampleId :

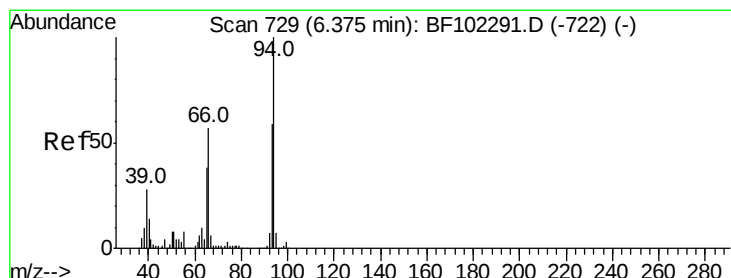
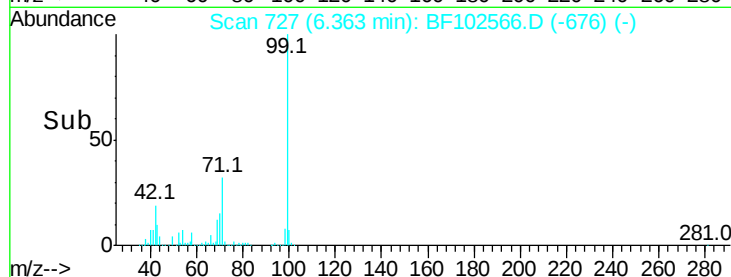
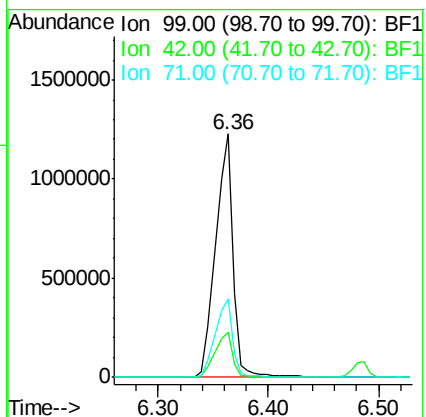
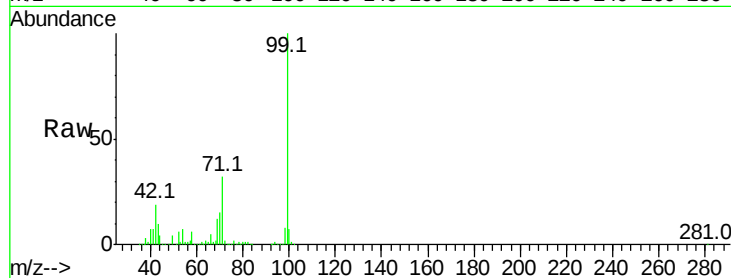
Tot Ion: 99 Resp: 1345101

Ion Ratio Lower Upper

99 100

42 18.8 14.5 21.7

71 32.5 25.4 38.0



#10

Phenol

Concen: 4.035 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF102566.D

Acq: 28 Jan 2018 19:16

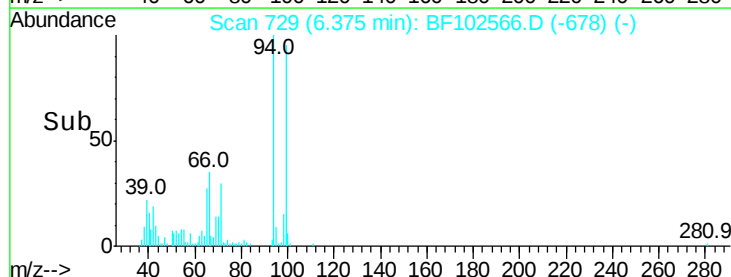
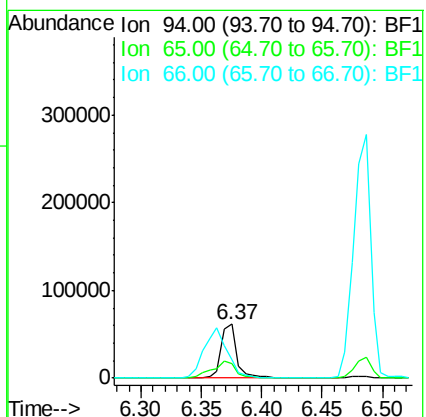
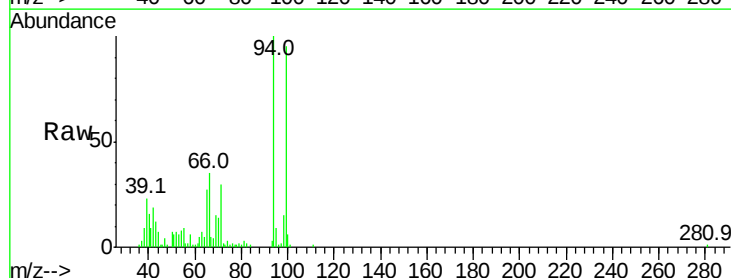
Tgt Ion: 94 Resp: 55519

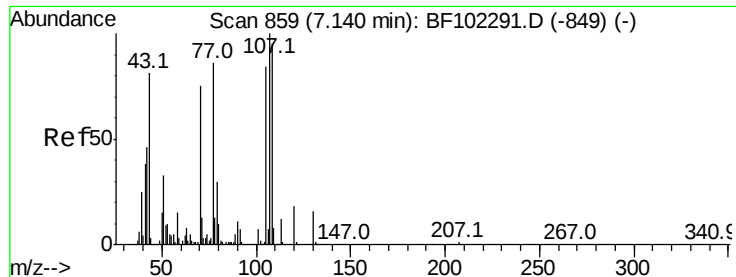
Ion Ratio Lower Upper

94 100

65 26.8 7.9 47.9

66 34.6 16.2 56.2

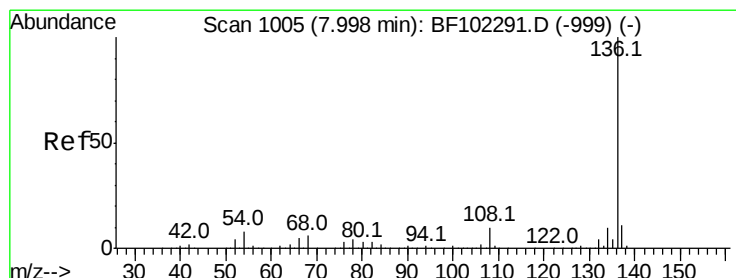
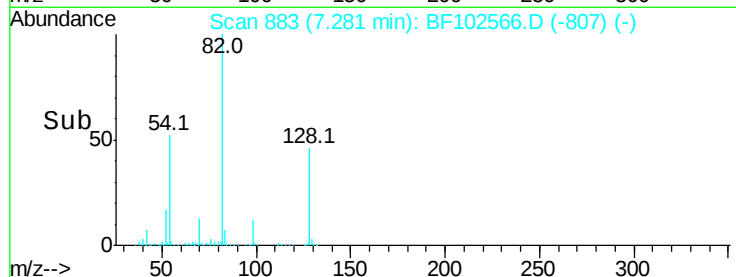
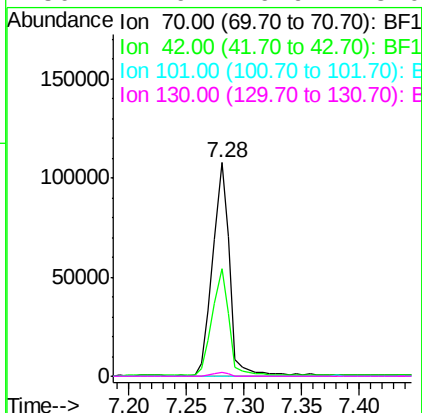
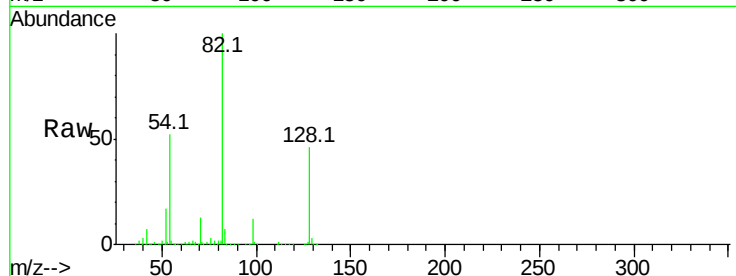




#19
n-Nitroso-di-n-propylamine
Concen: 14.627 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.15 min
Lab File: BF102566.D
Acq: 28 Jan 2018 19:16

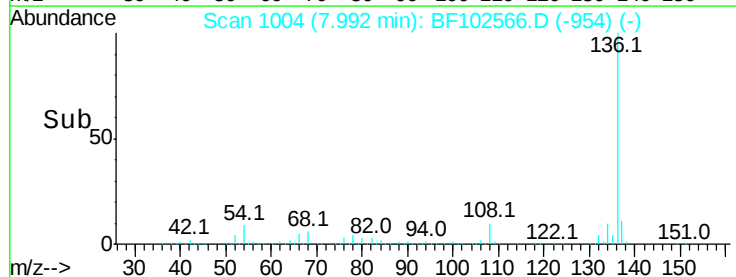
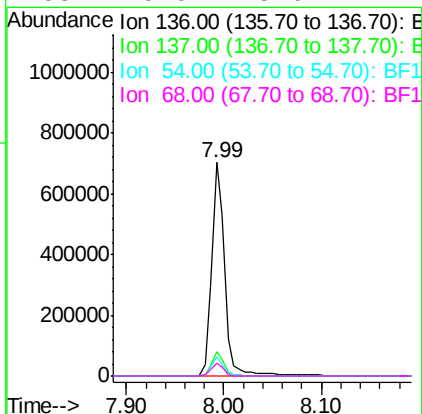
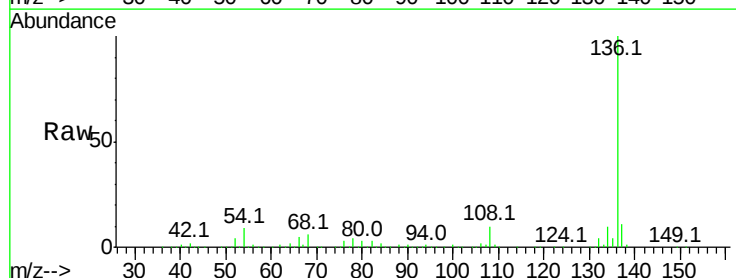
Instrument :
BNA_F
ClientSampleId :

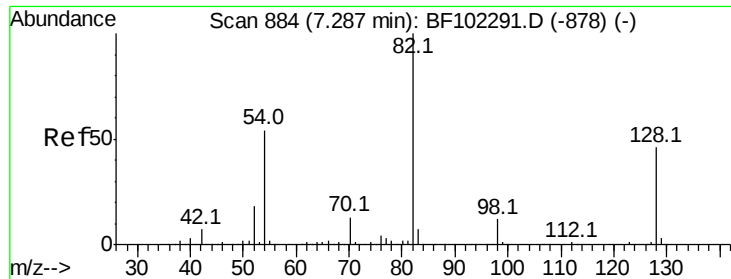
Tot Ion: 70 Resp: 112827
Ion Ratio Lower Upper
70 100
42 50.5 47.5 71.3
101 0.0 7.4 11.2#
130 1.9 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF102566.D
Acq: 28 Jan 2018 19:16

Tgt Ion: 136 Resp: 649023
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 8.9 6.6 9.8
68 6.0 5.0 7.4

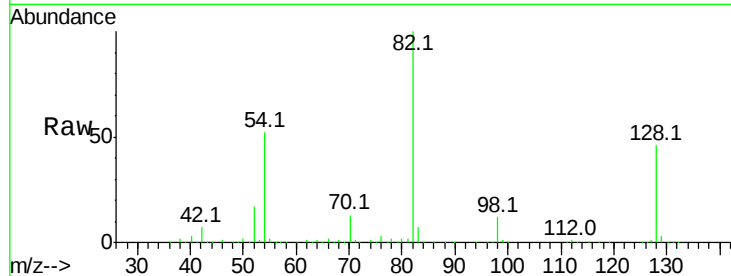




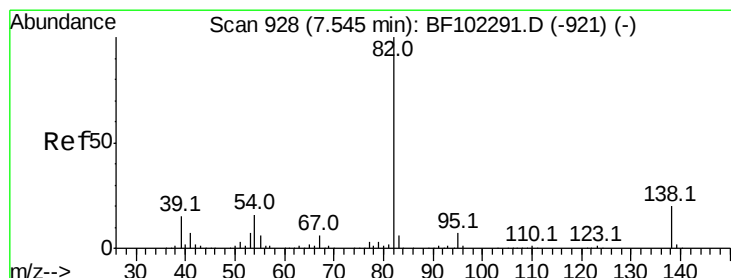
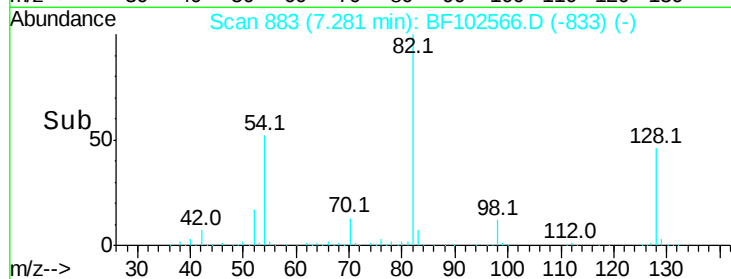
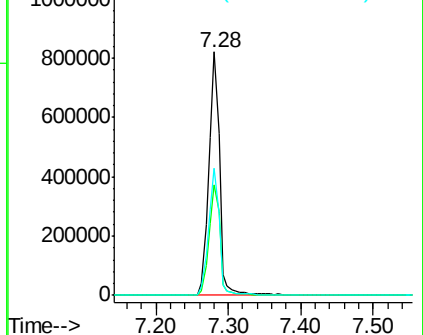
#23
 Nitrobenzene-d5
 Concen: 75.274 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF102566.D
 Acq: 28 Jan 2018 19:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	850129
Ion Ratio	Lower	Upper	
82	100		
128	45.5	36.1	54.1
54	52.1	41.4	62.2

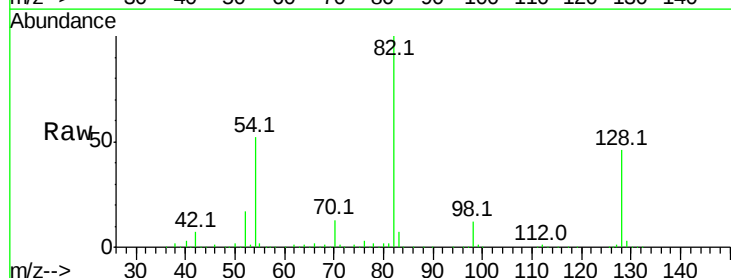


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

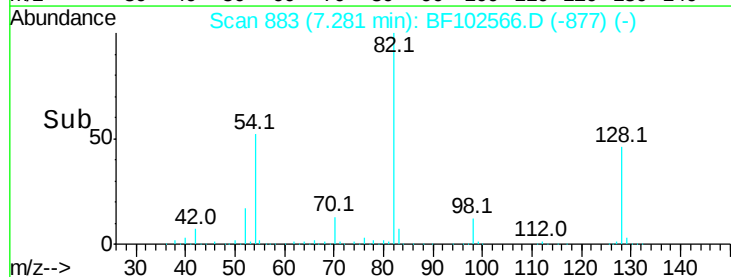
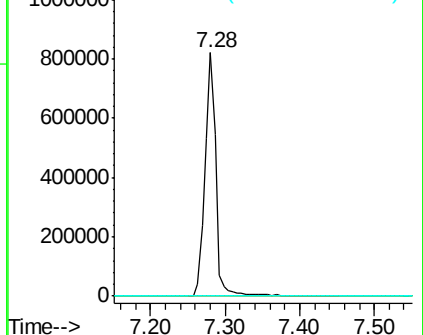


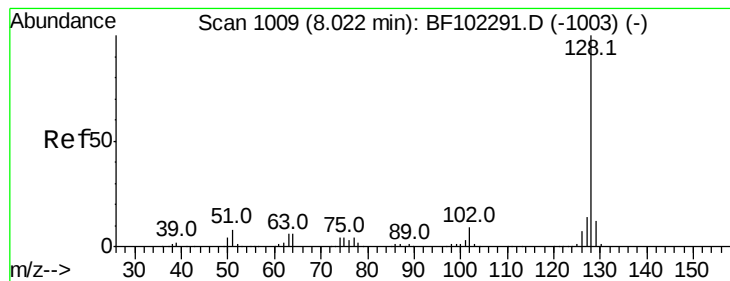
#25
 Isophorone
 Concen: 42.223 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.26 min
 Lab File: BF102566.D
 Acq: 28 Jan 2018 19:16

Tgt Ion	82	Resp	850123
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





#31

Naphthalene

Concen: 3.746 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF102566.D

Acq: 28 Jan 2018 19:16

Instrument :

BNA_F

ClientSampleId :

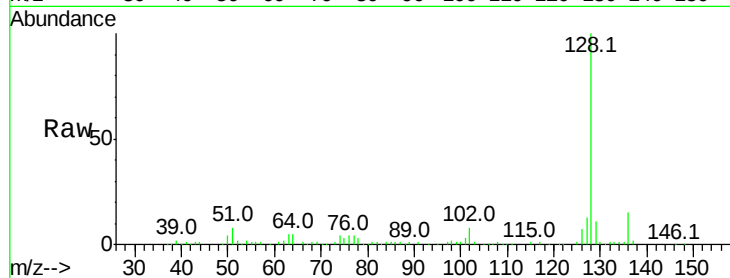
Tot Ion:128 Resp: 121401

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

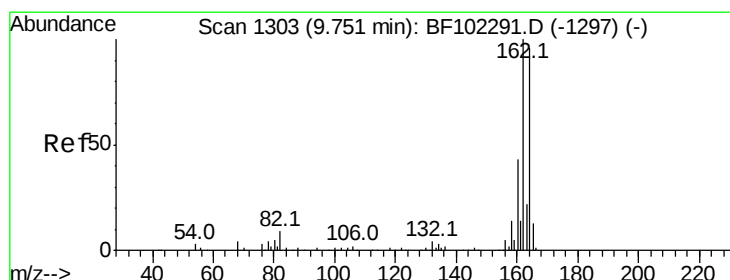
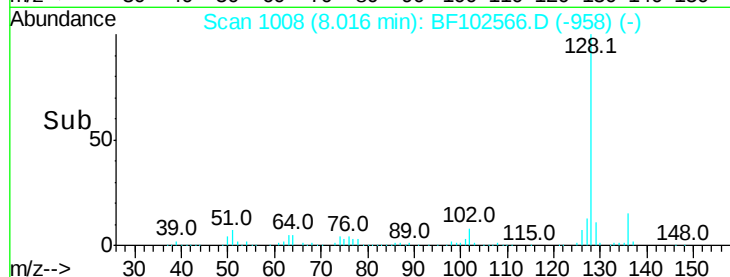
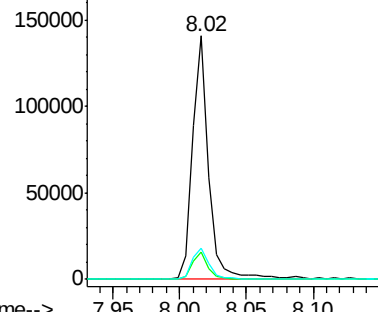
127 13.0 10.9 16.3



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF102566.D

Acq: 28 Jan 2018 19:16

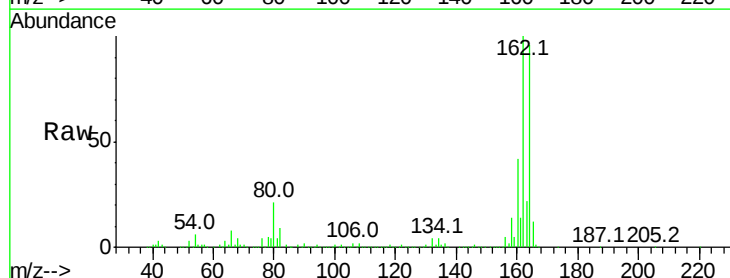
Tgt Ion:164 Resp: 275233

Ion Ratio Lower Upper

164 100

162 104.0 86.1 129.1

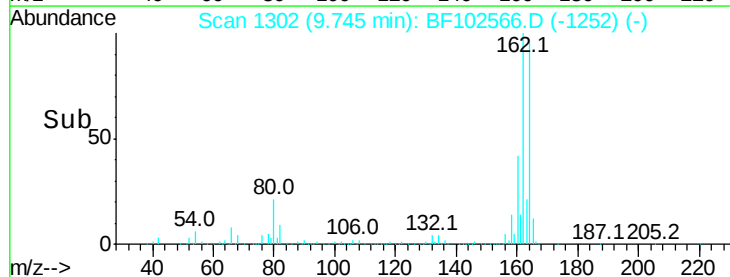
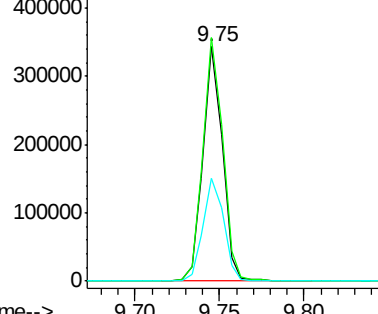
160 44.0 38.3 57.5

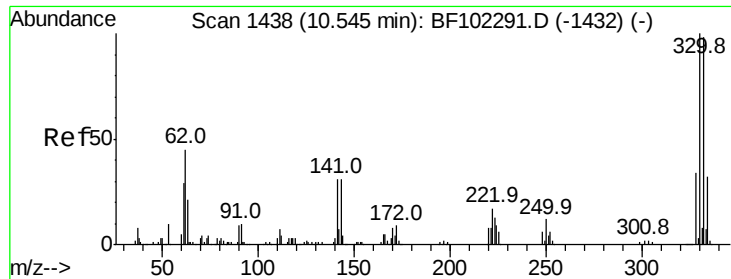


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

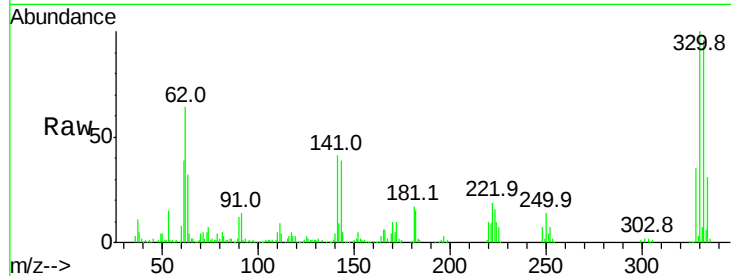




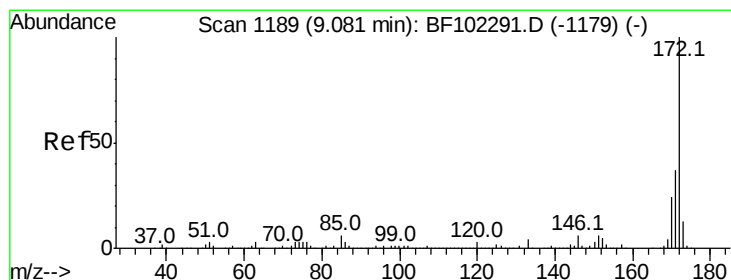
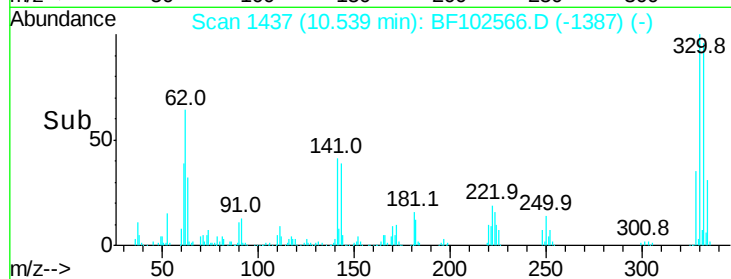
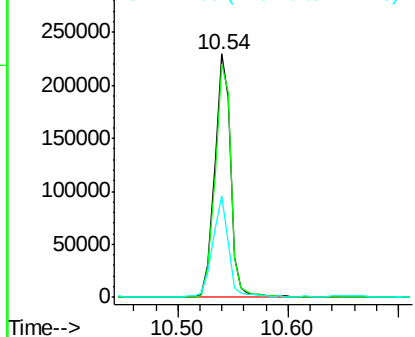
#41
 2,4,6-Tribromophenol
 Concen: 83.751 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF102566.D
 Acq: 28 Jan 2018 19:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 228402
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.0 115.6
 141 40.0 29.9 44.9

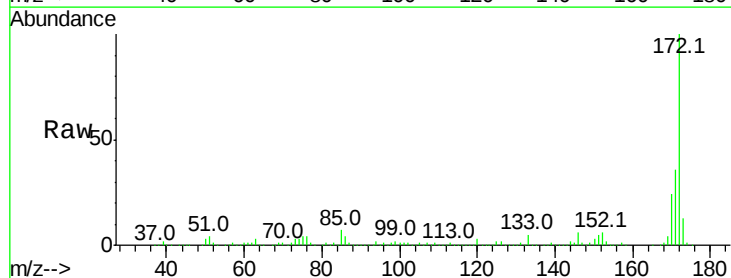


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

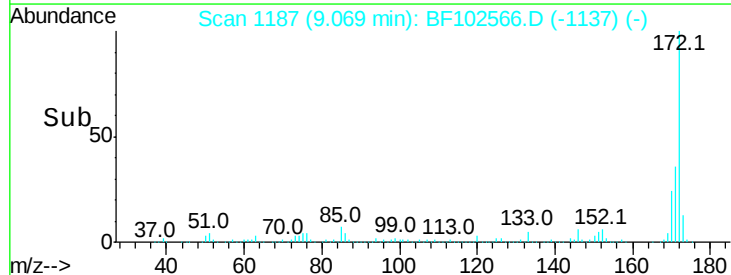
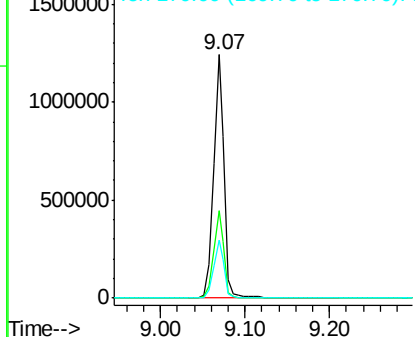


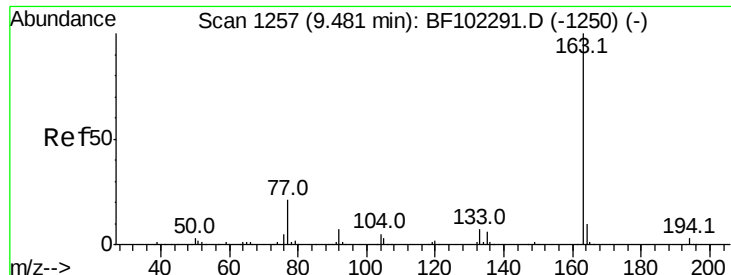
#44
 2-Fluorobiphenyl
 Concen: 58.974 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF102566.D
 Acq: 28 Jan 2018 19:16

Tgt Ion:172 Resp: 1103923
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.7 44.5
 170 23.9 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

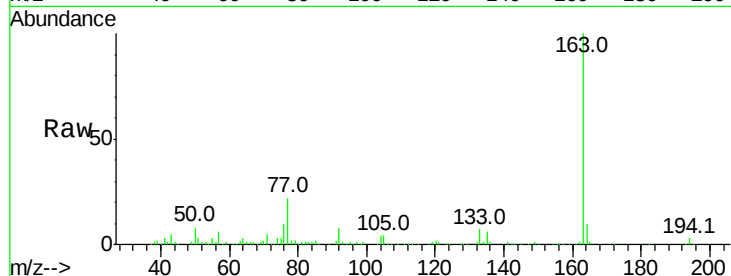




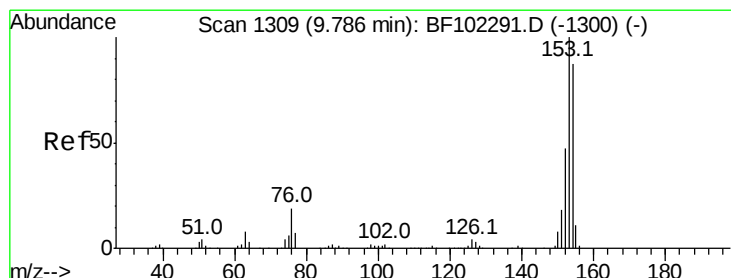
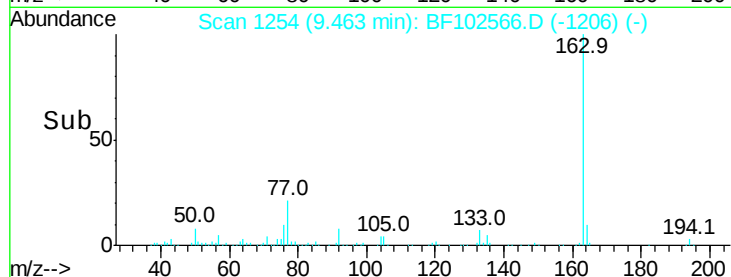
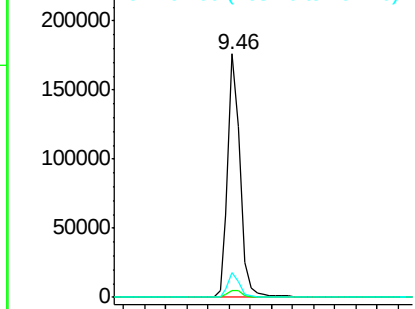
#49
Dimethylphthalate
Concen: 6.391 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF102566.D
Acq: 28 Jan 2018 19:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.7	4.1
164	10.2	8.2	12.2

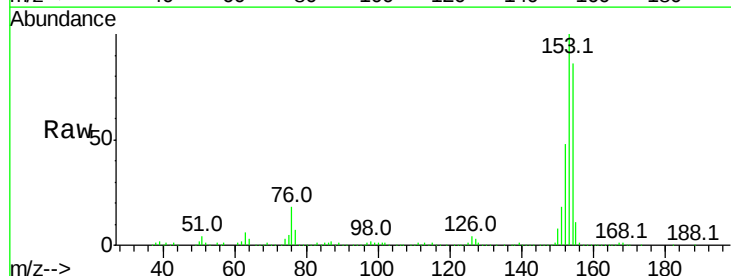


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

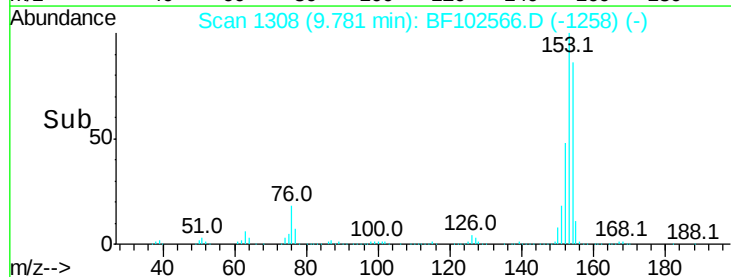
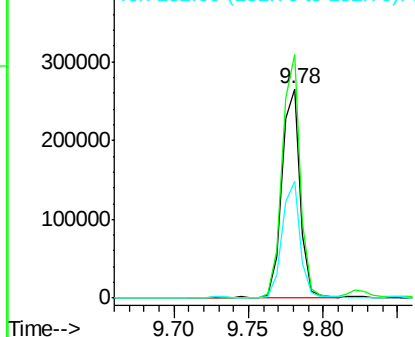


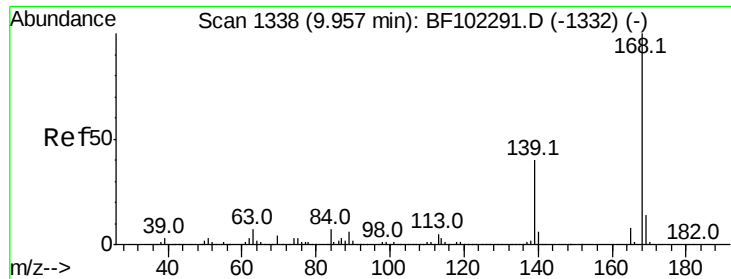
#51
Acenaphthene
Concen: 13.219 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF102566.D
Acq: 28 Jan 2018 19:16

Tgt Ion	Ratio	Lower	Upper
154	100		
153	116.3	91.2	136.8
152	55.8	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

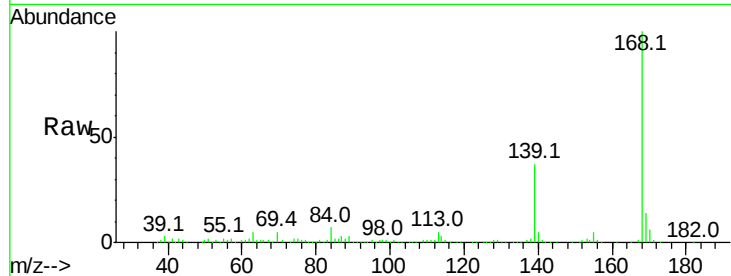




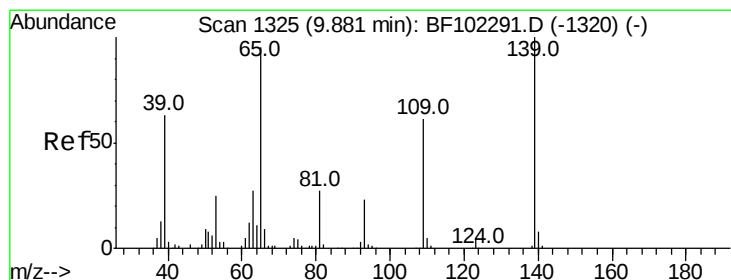
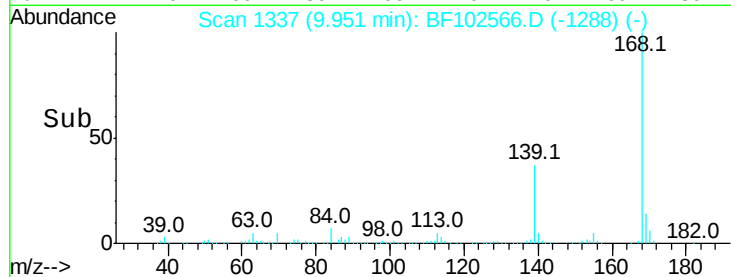
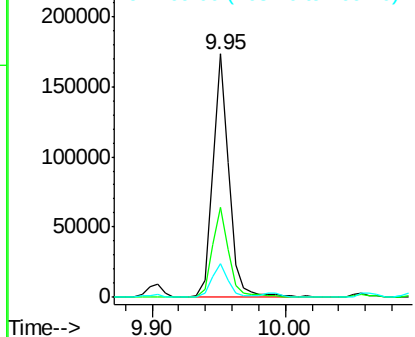
#54
Dibenzofuran
Concen: 6.242 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF102566.D
Acq: 28 Jan 2018 19:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 147044
Ion Ratio Lower Upper
168 100
139 36.8 30.1 45.1
169 14.0 10.9 16.3

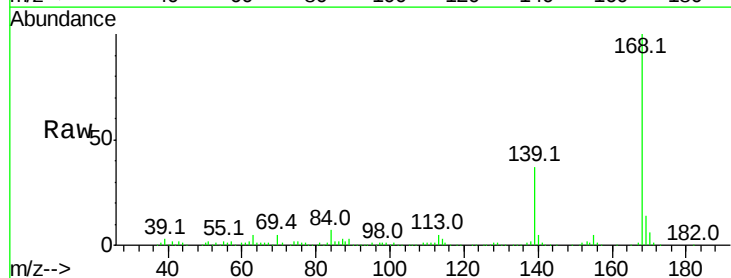


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

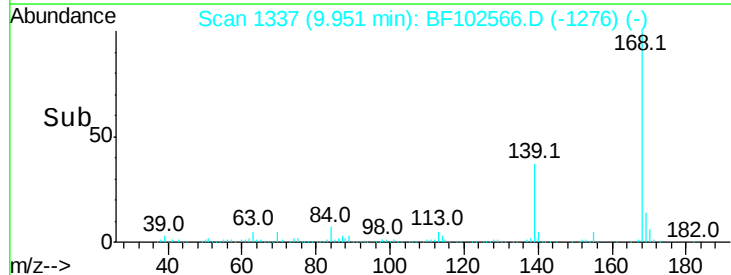
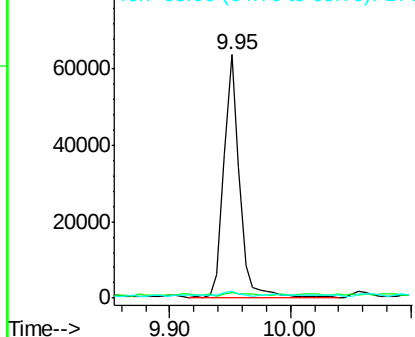


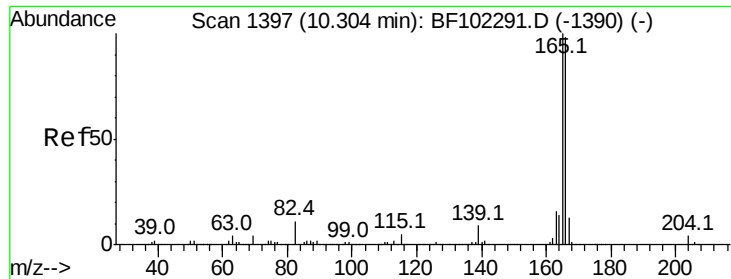
#55
4-Nitrophenol
Concen: 15.069 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.06 min
Lab File: BF102566.D
Acq: 28 Jan 2018 19:16

Tgt Ion:139 Resp: 57718
Ion Ratio Lower Upper
139 100
109 2.2 48.4 88.4#
65 2.7 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: 12.949 ng

RT: 10.29 min Scan# 1395

Delta R.T. -0.01 min

Lab File: BF102566.D

Acq: 28 Jan 2018 19:16

Instrument :

BNA_F

ClientSampleId :

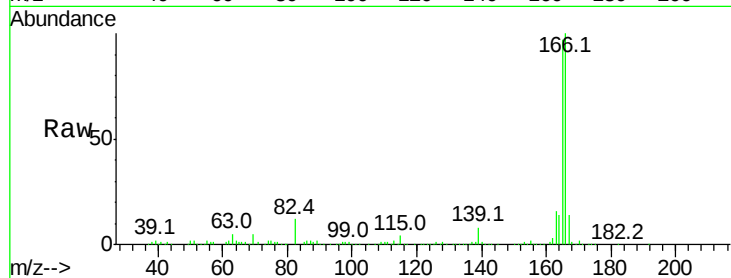
Tot Ion:166 Resp: 241702

Ion Ratio Lower Upper

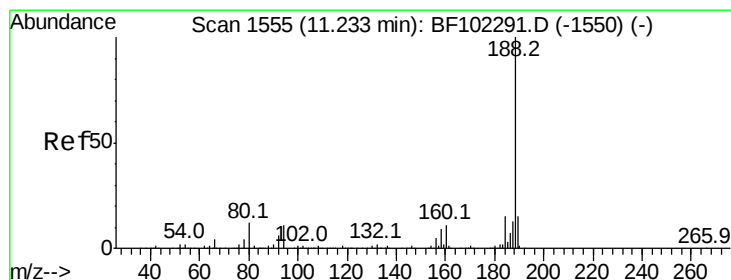
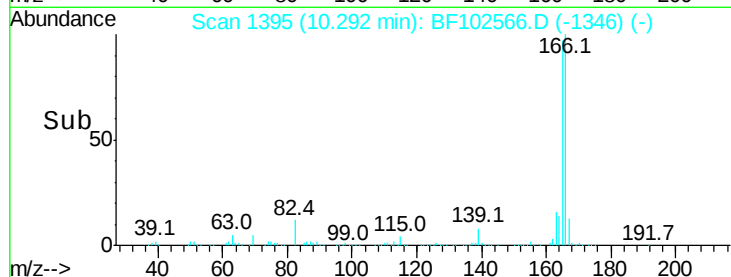
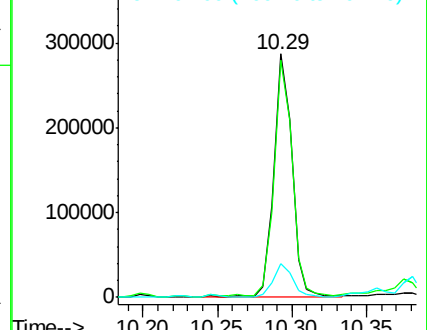
166 100

165 97.4 79.8 119.8

167 14.0 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: 11.23 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BF102566.D

Acq: 28 Jan 2018 19:16

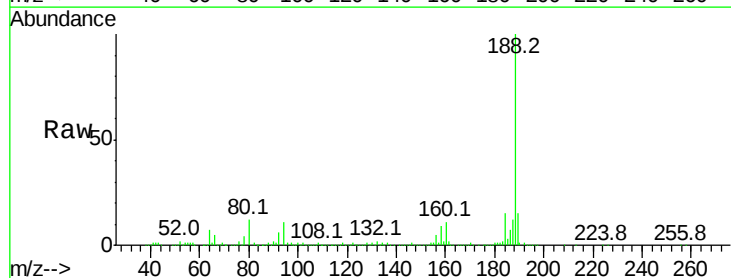
Tgt Ion:188 Resp: 404327

Ion Ratio Lower Upper

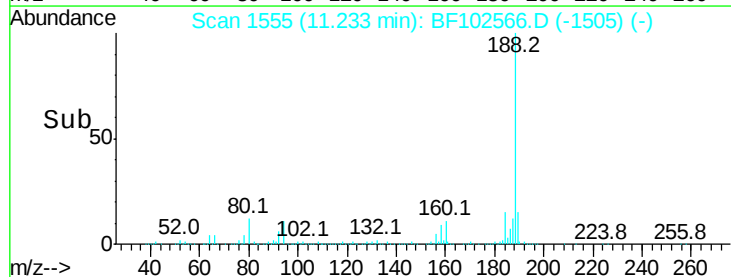
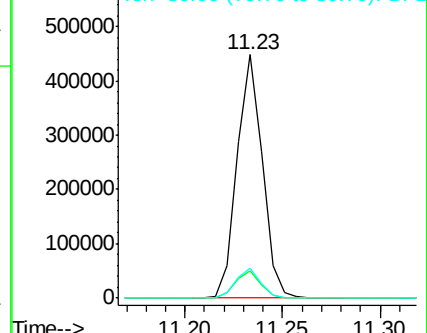
188 100

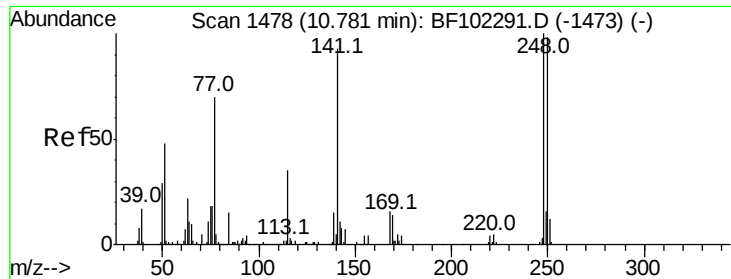
94 11.1 8.5 12.7

80 12.1 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

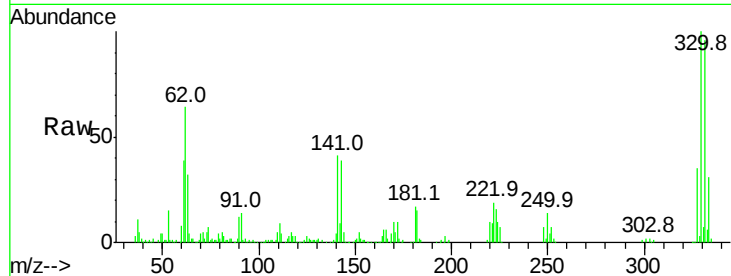




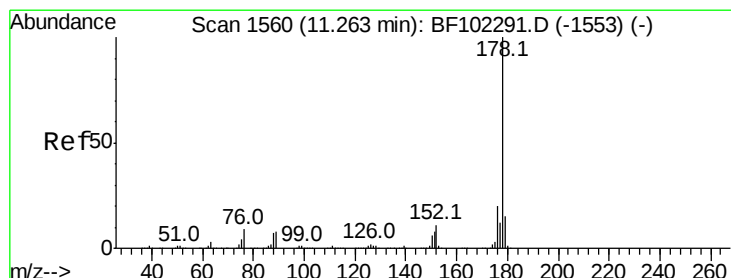
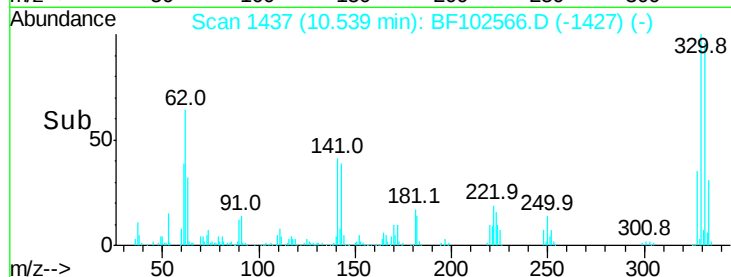
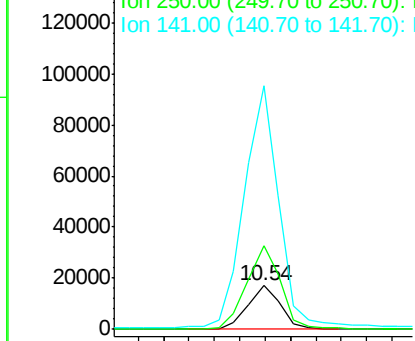
#66
4-Bromophenyl-phenylether
Concen: 3.542 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.24 min
Lab File: BF102566.D
Acq: 28 Jan 2018 19:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 15418
Ion Ratio Lower Upper
248 100
250 194.2 76.9 115.3#
141 561.9 74.4 111.6#

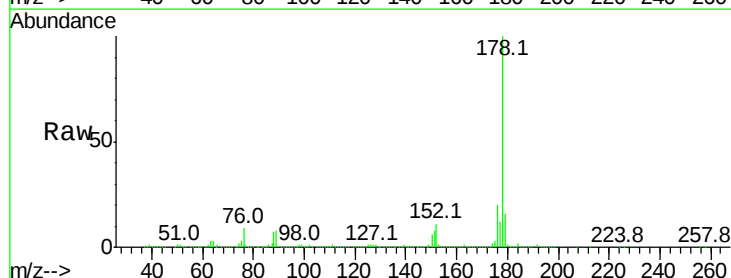


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

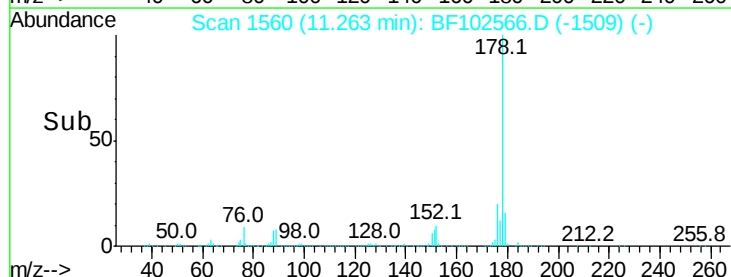
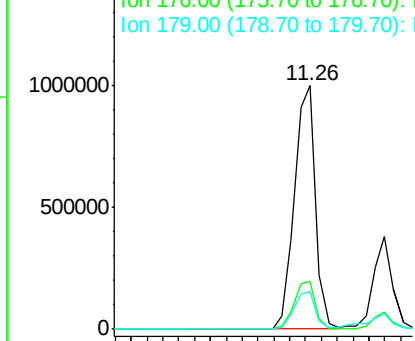


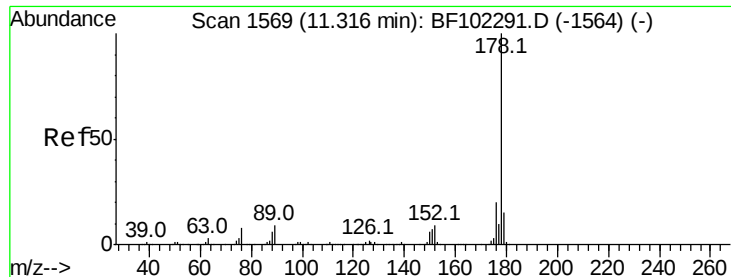
#70
Phenanthrene
Concen: 38.825 ng
RT: 11.26 min Scan# 1560
Delta R.T. 0.00 min
Lab File: BF102566.D
Acq: 28 Jan 2018 19:16

Tgt Ion:178 Resp: 914760
Ion Ratio Lower Upper
178 100
176 19.6 15.8 23.8
179 15.6 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: 12.842 ng

RT: 11.31 min Scan# 1568

Delta R.T. -0.01 min

Lab File: BF102566.D

Acq: 28 Jan 2018 19:16

Instrument :

BNA_F

ClientSampleId :

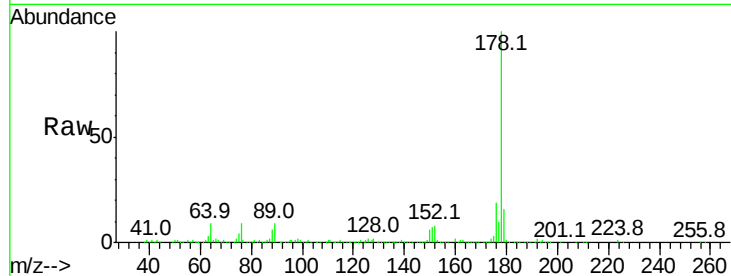
Tot Ion:178 Resp: 308824

Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.2

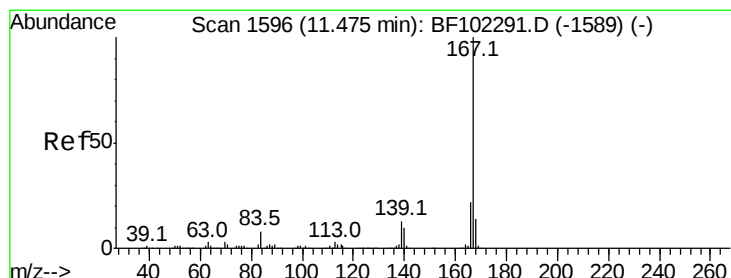
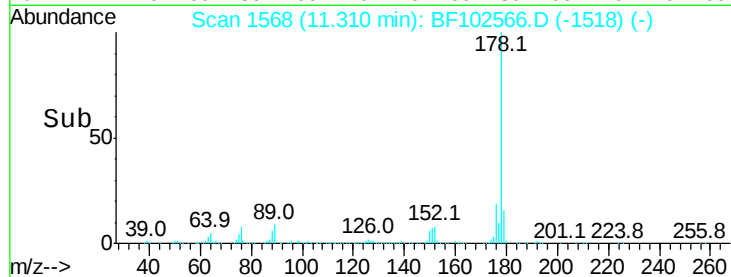
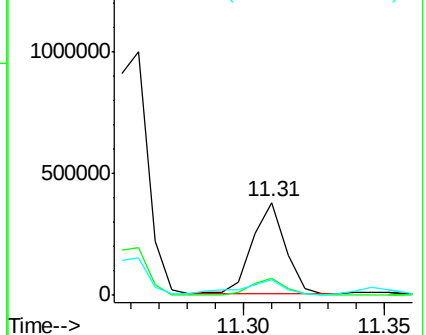
179 16.4 12.6 19.0



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: 3.723 ng

RT: 11.47 min Scan# 1595

Delta R.T. -0.01 min

Lab File: BF102566.D

Acq: 28 Jan 2018 19:16

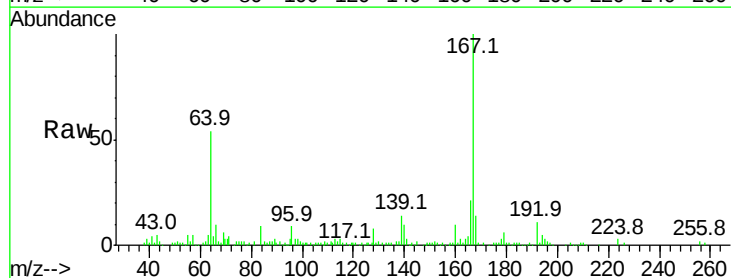
Tgt Ion:167 Resp: 87349

Ion Ratio Lower Upper

167 100

166 20.9 17.6 26.4

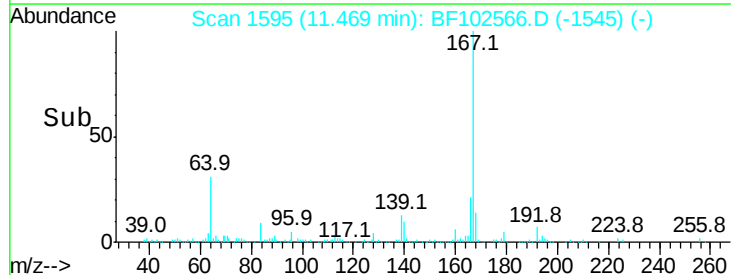
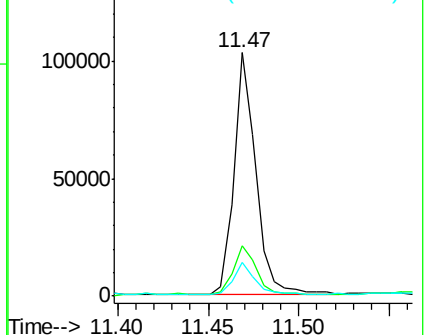
139 14.0 10.9 16.3

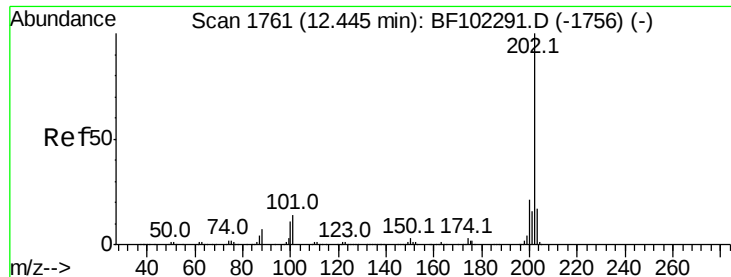


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 49.506 ng

RT: 12.46 min Scan# 1763

Delta R.T. 0.01 min

Lab File: BF102566.D

Acq: 28 Jan 2018 19:16

Instrument :

BNA_F

ClientSampleId :

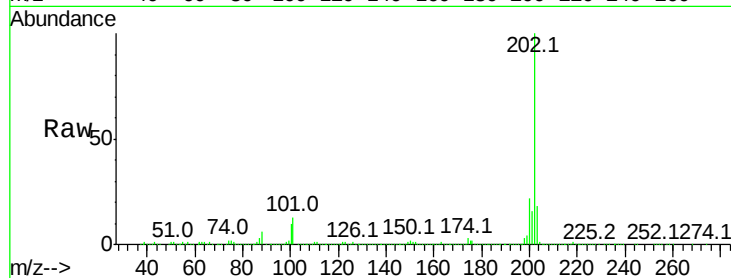
Tot Ion:202 Resp: 1189467

Ion Ratio Lower Upper

202 100

101 13.1 0.0 34.1

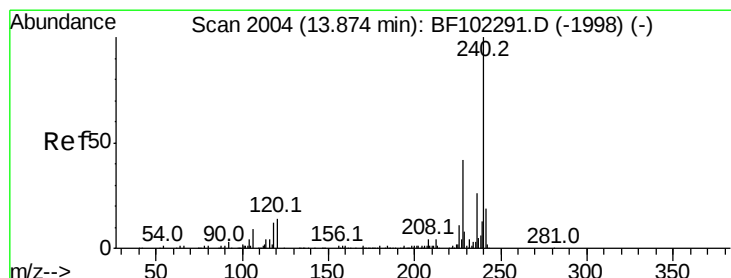
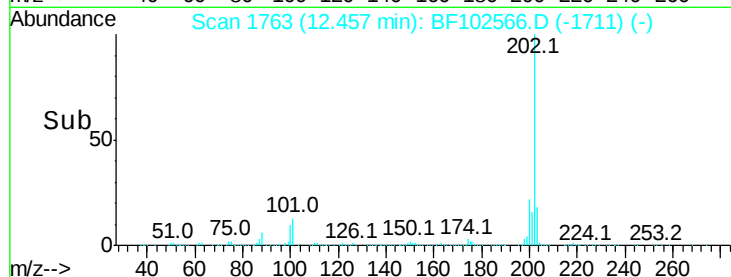
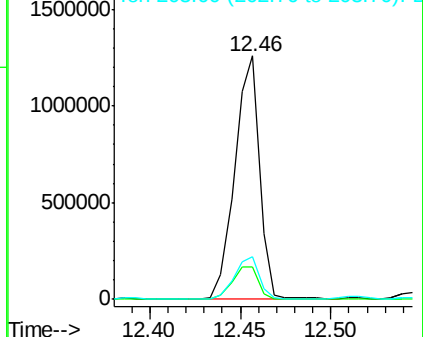
203 17.7 0.0 38.1



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: 13.88 min Scan# 2005

Delta R.T. 0.00 min

Lab File: BF102566.D

Acq: 28 Jan 2018 19:16

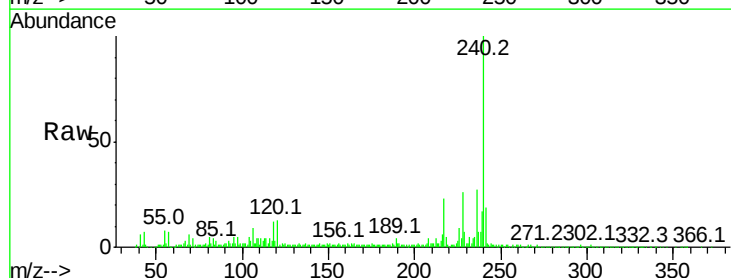
Tgt Ion:240 Resp: 261555

Ion Ratio Lower Upper

240 100

120 13.5 9.5 14.3

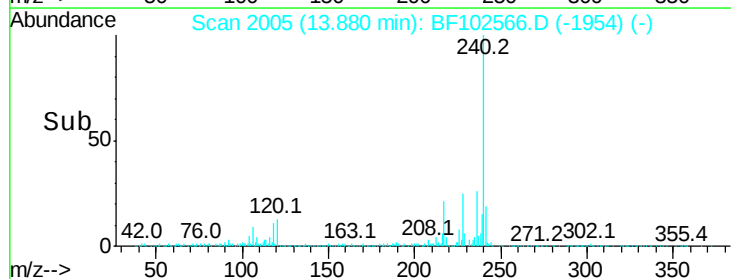
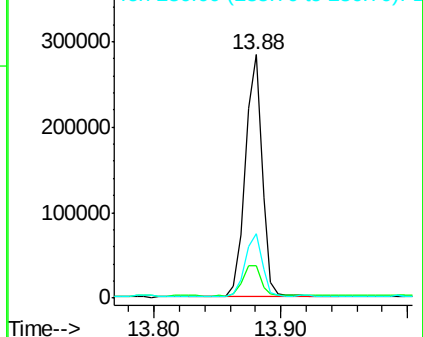
236 26.6 20.7 31.1

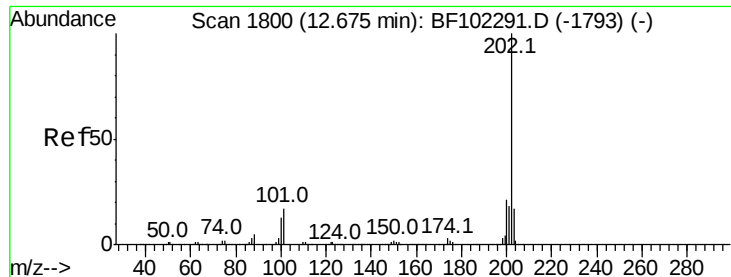


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 49.994 ng

RT: 12.68 min Scan# 1801

Delta R.T. 0.00 min

Lab File: BF102566.D

Acq: 28 Jan 2018 19:16

Instrument :

BNA_F

ClientSampled :

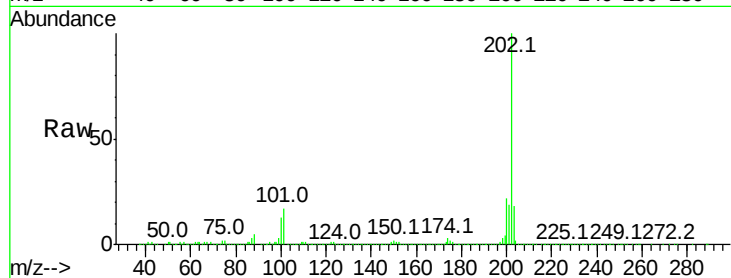
Tot Ion:202 Resp: 1010996

Ion Ratio Lower Upper

202 100

200 22.1 17.4 26.2

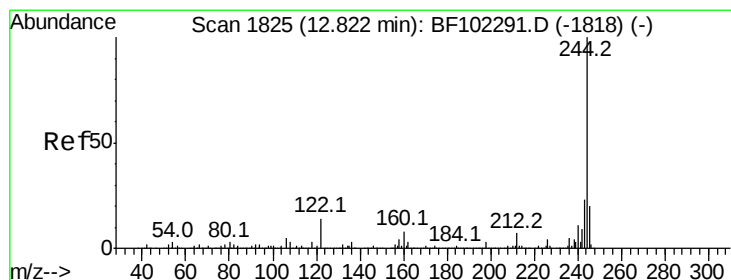
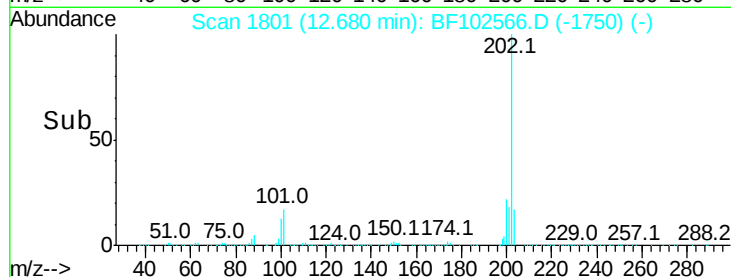
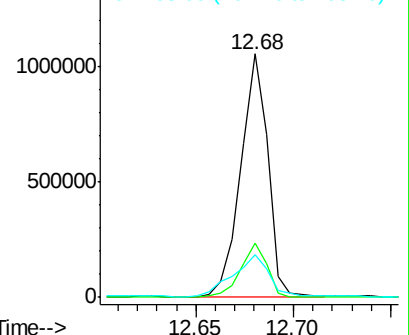
203 17.5 14.3 21.5



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: 61.335 ng

RT: 12.82 min Scan# 1825

Delta R.T. 0.00 min

Lab File: BF102566.D

Acq: 28 Jan 2018 19:16

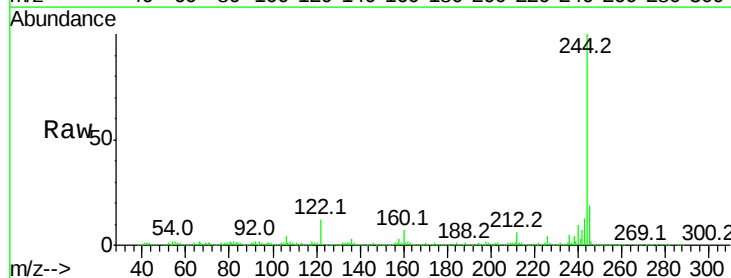
Tgt Ion:244 Resp: 711618

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.0

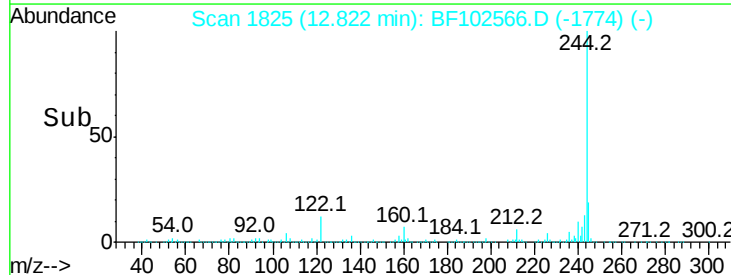
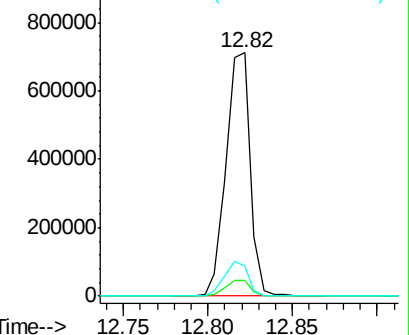
122 12.0 11.0 16.4

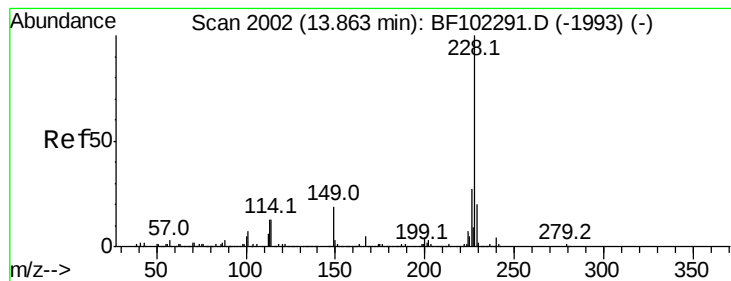


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 28.278 ng

RT: 13.87 min Scan# 2003

Delta R.T. 0.00 min

Lab File: BF102566.D

Acq: 28 Jan 2018 19:16

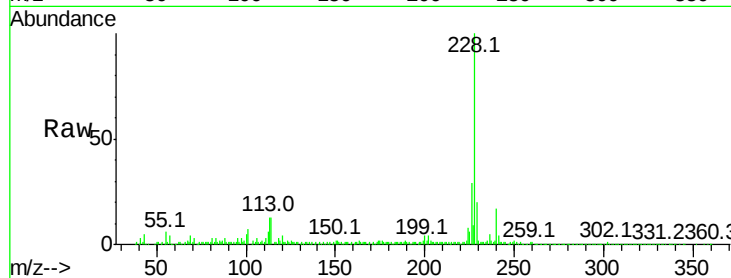
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 455367

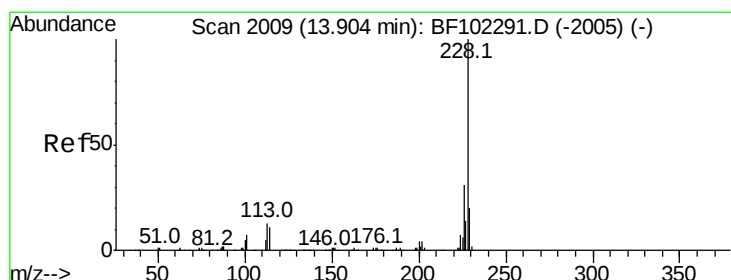
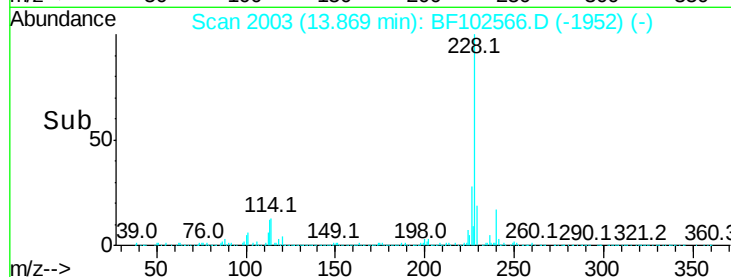
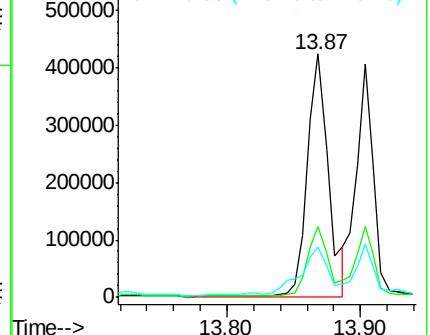
Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.6	33.8
229	20.4	15.8	23.6



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: 22.462 ng

RT: 13.90 min Scan# 2009

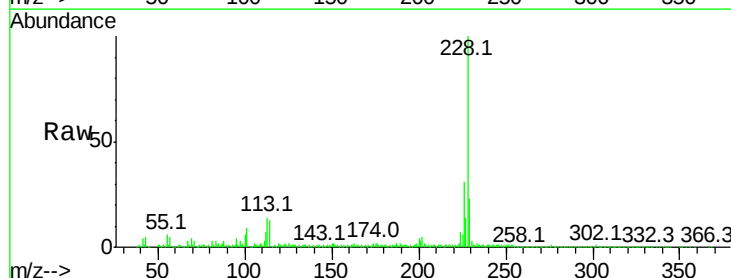
Delta R.T. -0.01 min

Lab File: BF102566.D

Acq: 28 Jan 2018 19:16

Tgt Ion:228 Resp: 367304

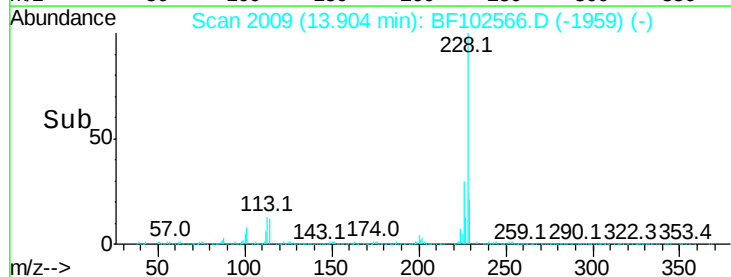
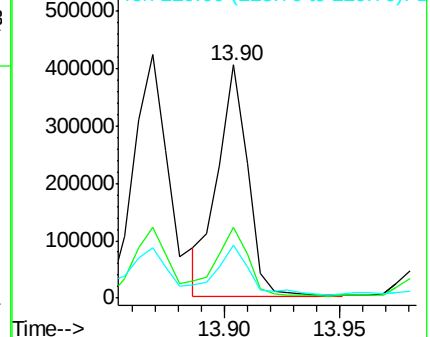
Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.0	37.6
229	22.5	16.2	24.4

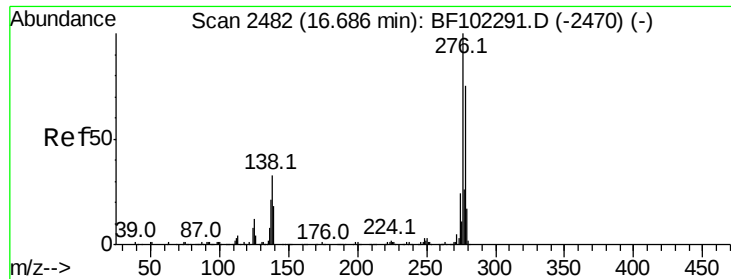


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#85

Indeno(1,2,3-cd)pyrene

Concen: 10.484 ng

RT: 16.72 min Scan# 2488

Delta R.T. 0.01 min

Lab File: BF102566.D

Acq: 28 Jan 2018 19:16

Instrument :

BNA_F

ClientSampled :

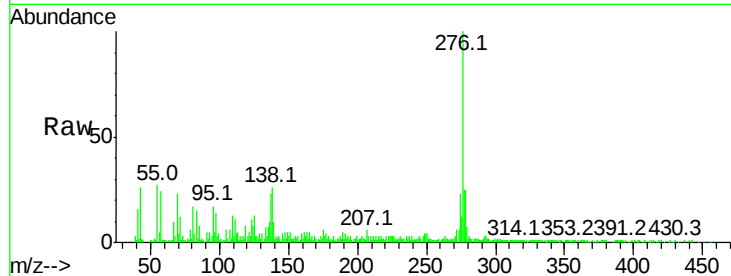
Tot Ion:276 Resp: 141592

Ion Ratio Lower Upper

276 100

138 28.3 25.0 37.6

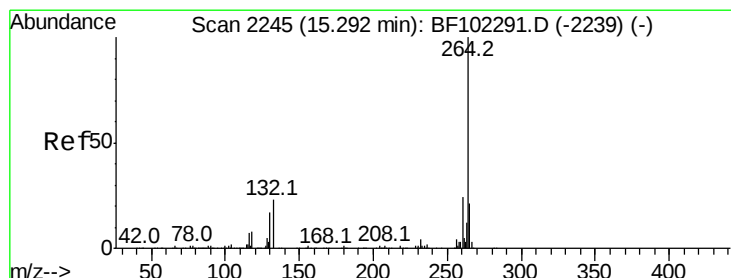
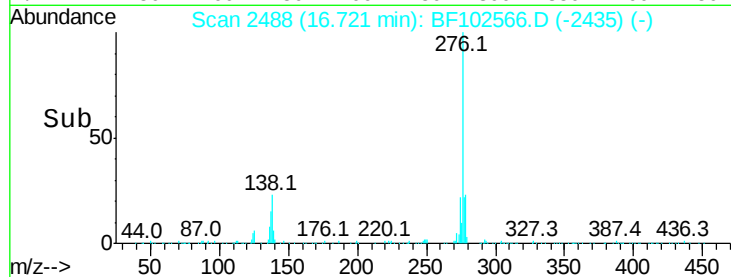
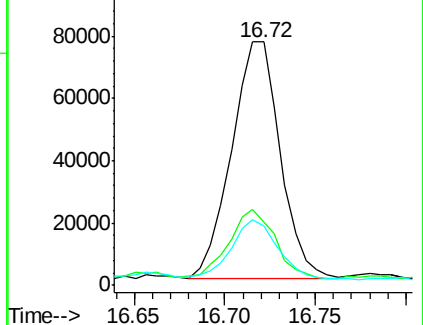
277 24.2 20.1 30.1



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: 15.32 min Scan# 2249

Delta R.T. 0.01 min

Lab File: BF102566.D

Acq: 28 Jan 2018 19:16

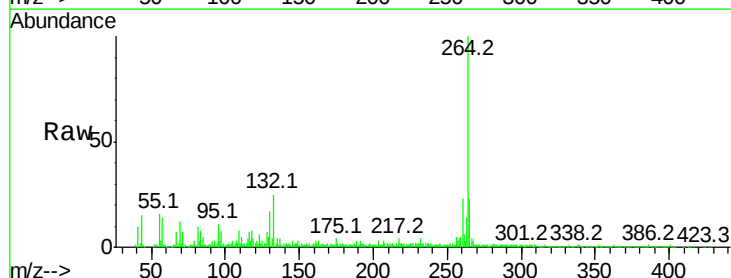
Tgt Ion:264 Resp: 253402

Ion Ratio Lower Upper

264 100

260 22.8 19.2 28.8

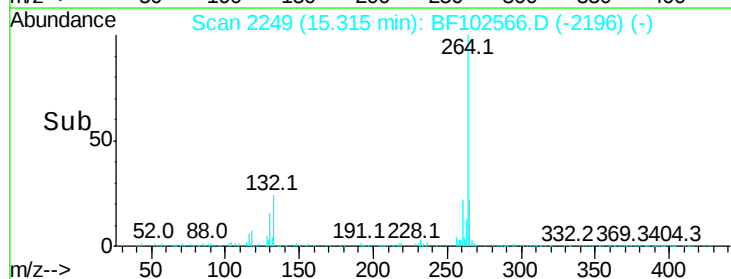
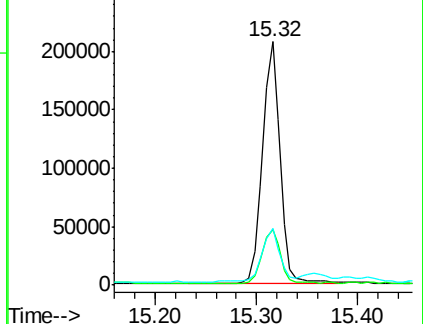
265 23.1 17.5 26.3

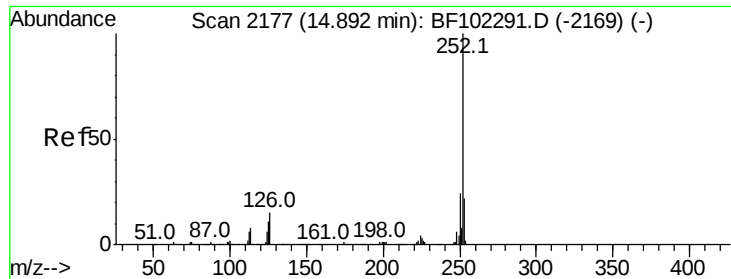


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 34.555 ng

RT: 14.90 min Scan# 2179

Delta R.T. 0.01 min

Lab File: BF102566.D

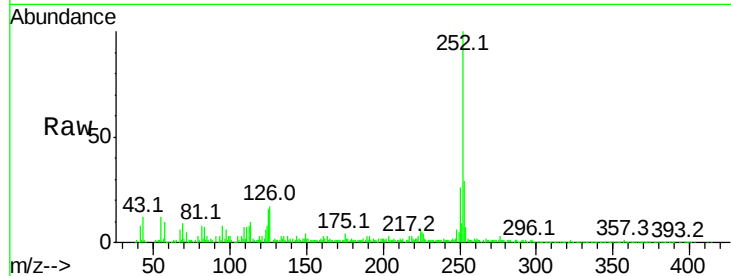
Acq: 28 Jan 2018 19:16

Instrument :

BNA_F

ClientSampleId :

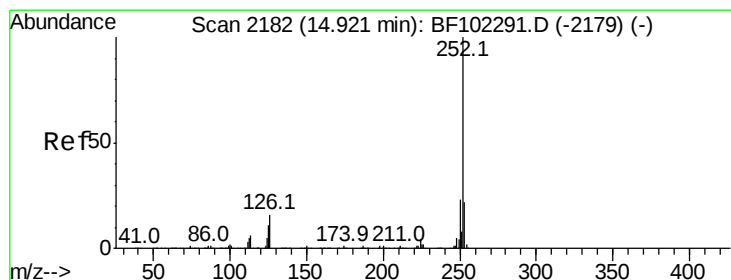
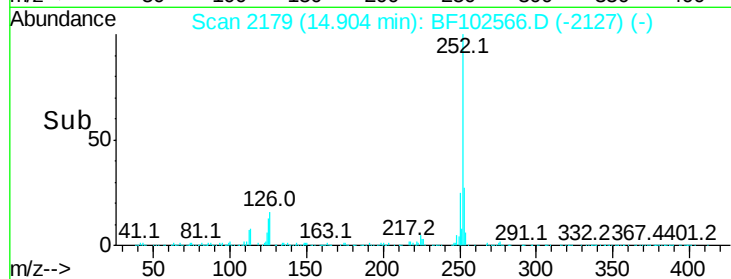
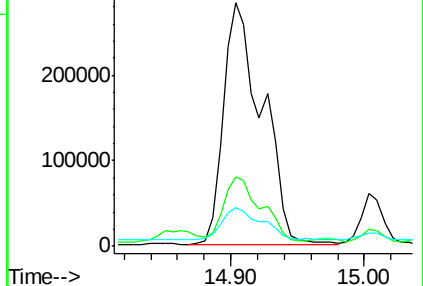
Tot Ion:252	Resp:	567532
Ion Ratio	Lower	Upper
252	100	
253	28.6	17.0 25.6#
125	15.9	9.0 13.6#



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



#88

Benzo(k)fluoranthene

Concen: 36.574 ng

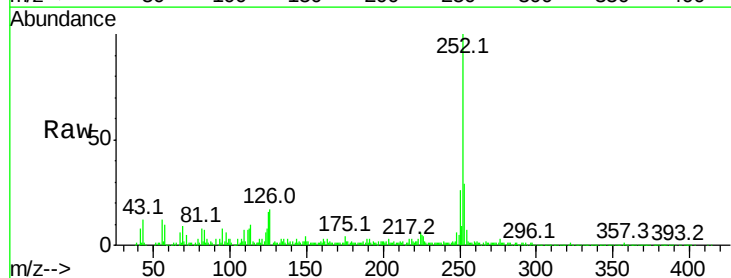
RT: 14.90 min Scan# 2179

Delta R.T. -0.02 min

Lab File: BF102566.D

Acq: 28 Jan 2018 19:16

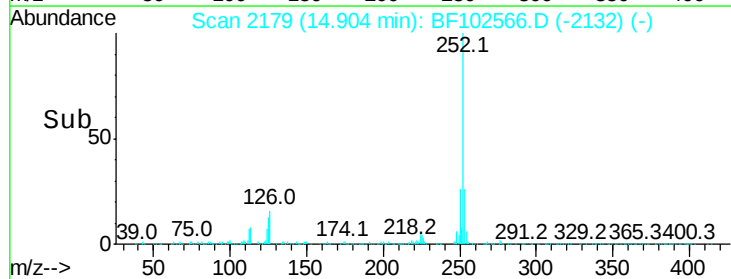
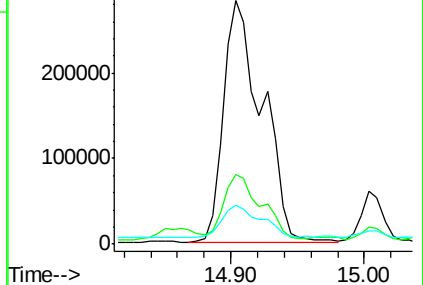
Tgt Ion:252	Resp:	567532
Ion Ratio	Lower	Upper
252	100	
253	28.6	17.9 26.9#
125	15.9	10.2 15.2#

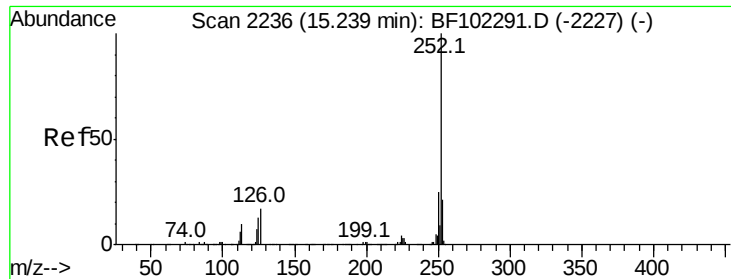


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 20.619 ng

RT: 15.26 min Scan# 2239

Delta R.T. 0.01 min

Lab File: BF102566.D

Acq: 28 Jan 2018 19:16

Instrument :

BNA_F

ClientSampleId :

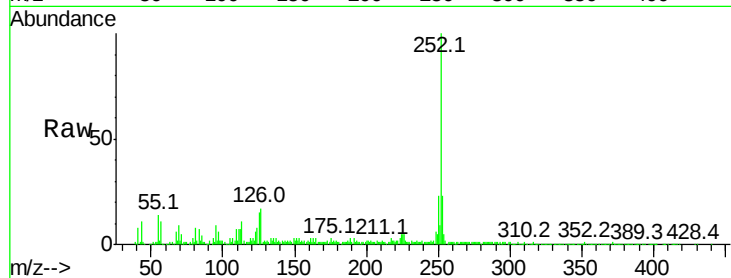
Tot Ion:252 Resp: 305428

Ion Ratio Lower Upper

252 100

253 23.3 17.1 25.7

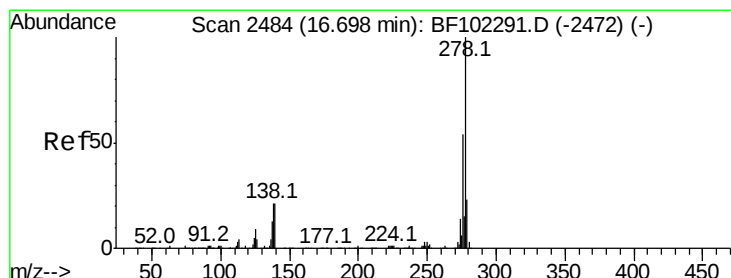
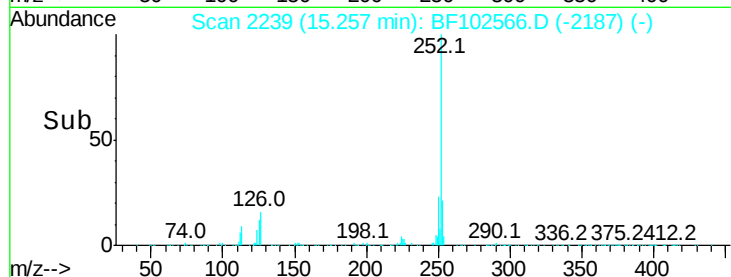
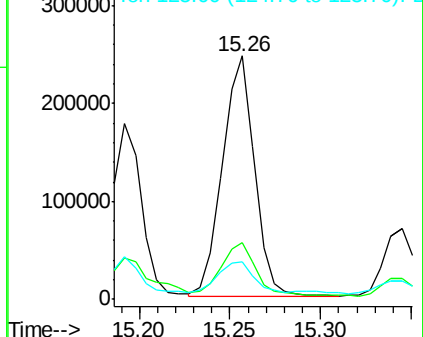
125 15.2 9.8 14.6#



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: 3.023 ng

RT: 16.72 min Scan# 2488

Delta R.T. 0.00 min

Lab File: BF102566.D

Acq: 28 Jan 2018 19:16

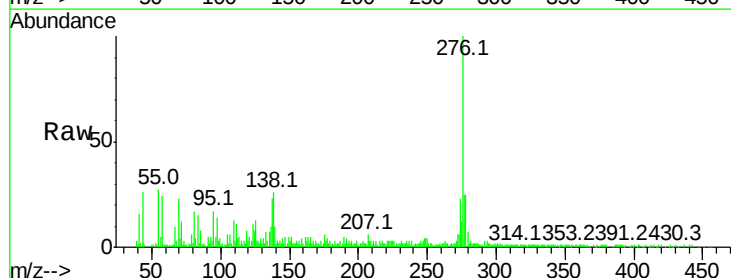
Tgt Ion:278 Resp: 36268

Ion Ratio Lower Upper

278 100

139 40.0 15.9 23.9#

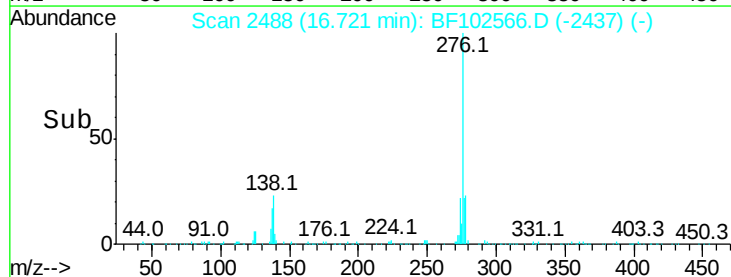
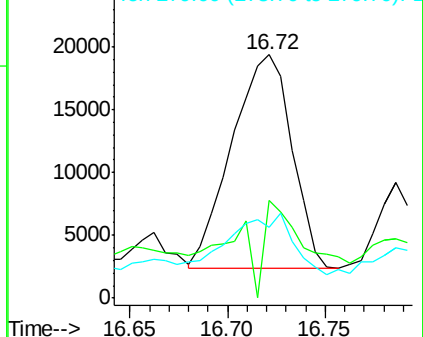
279 28.8 19.0 28.4#

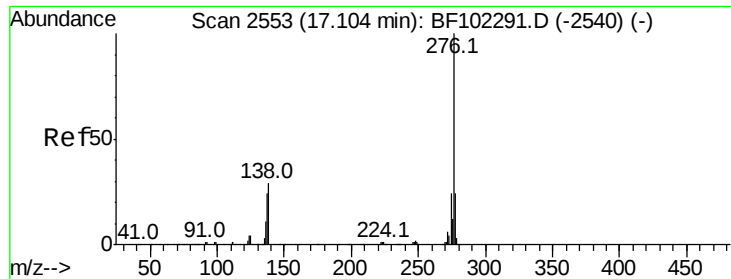


Abundance Ion 278.00 (277.70 to 278.70): E

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: 11.416 ng
 RT: 17.14 min Scan# 2560
 Delta R.T. 0.01 min
 Lab File: BF102566.D
 Acq: 28 Jan 2018 19:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.4	17.9	26.9
138	34.1	21.8	32.8

