

Data Path : U:\HPCHEM1\BNA F\DATA\BF020518\
 Data File : BF102746.D
 Acq On : 5 Feb 2018 19:00
 Operator : SJ/JU
 Sample : J1456-04 20X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 06 00:41:52 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	208177	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	798271	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	368877	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	552005	20.00	ng	0.00
75) Chrysene-d12	14.04	240	360372	20.00	ng	0.00
86) Perylene-d12	15.52	264	347301	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	90275	6.59	ng	-0.01
7) Phenol-d6	6.49	99	113383	6.87	ng	-0.01
23) Nitrobenzene-d5	7.44	82	63662	5.53	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	17605	5.93	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	113406	5.10	ng	-0.01
78) Terphenyl-d14	12.99	244	76874	5.05	ng	-0.01

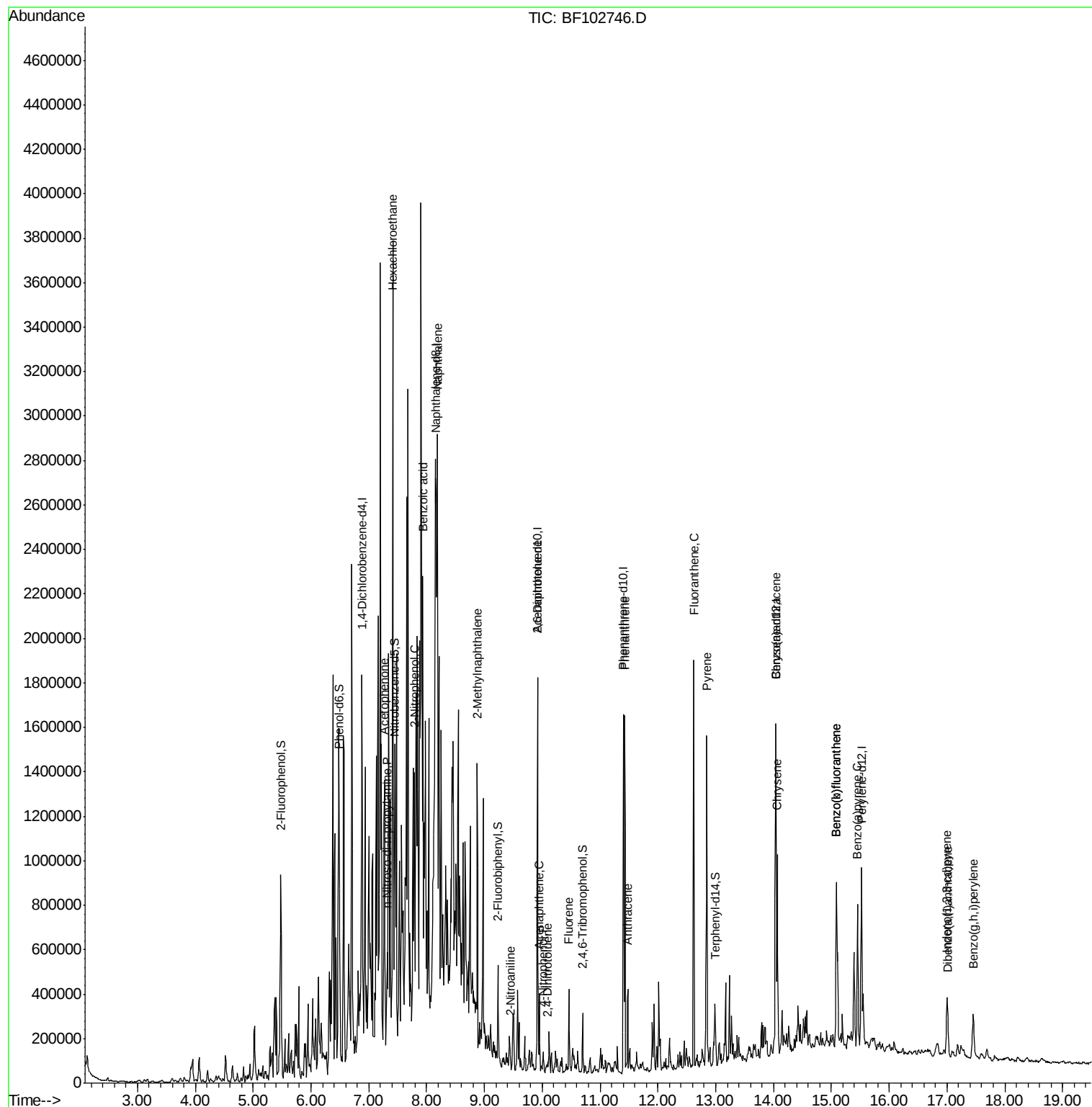
Target Compounds				Qvalue		
18) Hexachloroethane	7.42	117	174419	31.245	ng	# 1
19) n-Nitroso-di-n-propylamine	7.32	70	22760	2.091	ng	# 57
22) Acetophenone	7.27	105	330104	16.899	ng	# 60
26) 2-Nitrophenol	7.78	139	3199	9.138	ng	# 1
31) Naphthalene	8.19	128	415473	10.653	ng	# 92
32) Benzoic acid	7.94	122	1405	8.715	ng	# 1
37) 2-Methylnaphthalene	8.87	142	306225	11.992	ng	99
47) 2-Nitroaniline	9.46	65	380	3.519	ng	# 2
50) 2,6-Dinitrotoluene	9.92	165	51075	9.334	ng	# 26
51) Acenaphthene	9.95	154	56919	2.505	ng	100
55) 4-Nitrophenol	10.02	139	2840	4.511	ng	# 45
56) 2,4-Dinitrotoluene	10.09	165	4272	3.620	ng	# 52
57) Fluorene	10.46	166	83444	3.582	ng	98
70) Phenanthrene	11.43	178	540314	17.575	ng	100
71) Anthracene	11.48	178	136438	4.363	ng	98
74) Fluoranthene	12.62	202	730645	23.622	ng	99
77) Pyrene	12.84	202	631267	22.339	ng	99
80) Benzo(a)anthracene	14.03	228	353895	15.615	ng	98
82) Chrysene	14.07	228	294783	12.903	ng	96
85) Indeno(1,2,3-cd)pyrene	17.00	276	172384	9.098	ng	95
87) Benzo(b)fluoranthene	15.09	252	585658	26.010	ng	# 95
88) Benzo(k)fluoranthene	15.09	252	585658	27.221	ng	98
89) Benzo(a)pyrene	15.46	252	291421	14.378	ng	95
90) Dibenzo(a,h)anthracene	17.02	278	43438	2.640	ng	96
91) Benzo(g,h,i)perylene	17.45	276	152709	9.484	ng	95

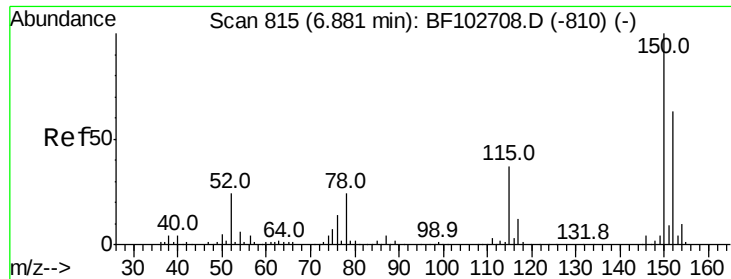
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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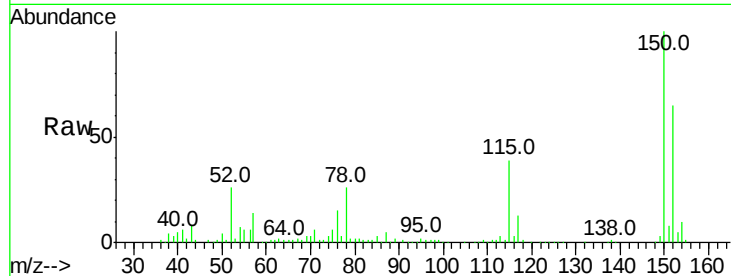


#1

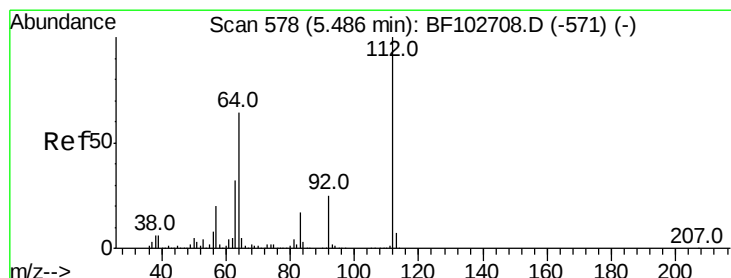
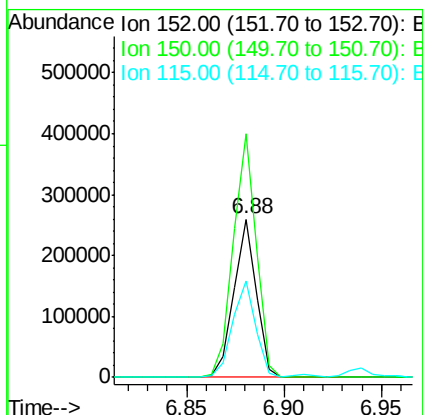
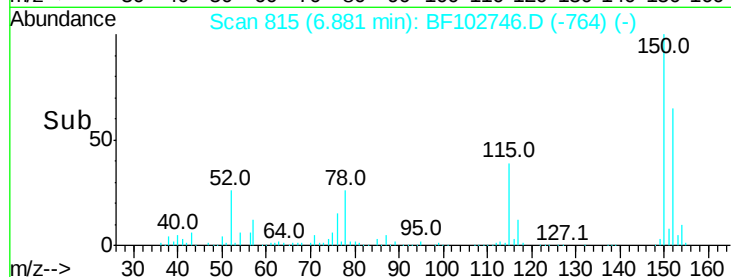
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF102746.D
Acq: 5 Feb 2018 19:00

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	124.6	186.8
115	60.7	50.1	75.1



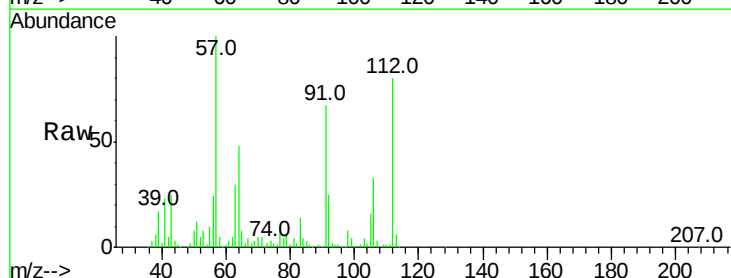
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



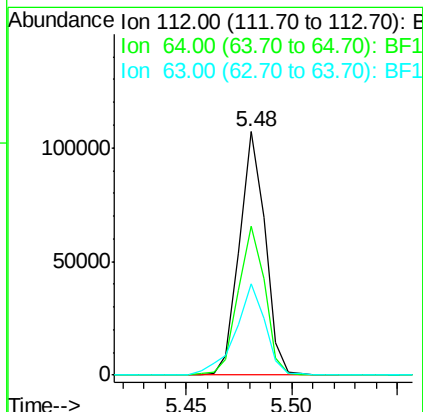
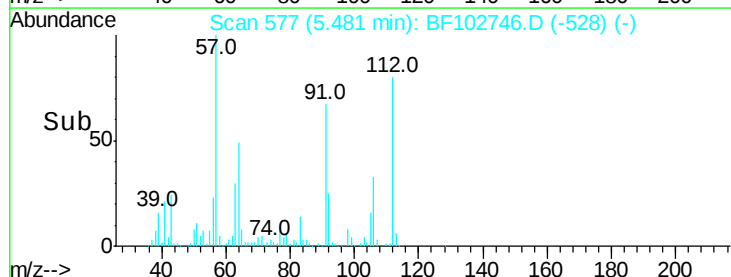
#5

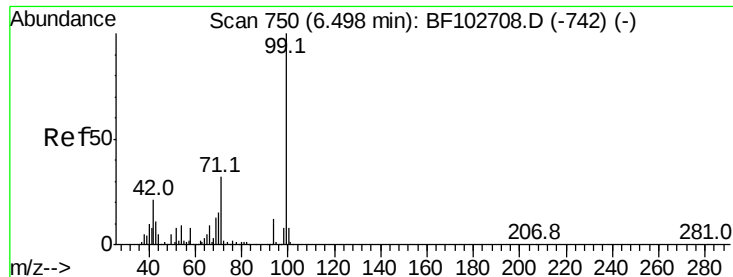
2-Fluorophenol
Concen: 6.586 ng
RT: 5.48 min Scan# 577
Delta R.T. -0.01 min
Lab File: BF102746.D
Acq: 5 Feb 2018 19:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.9	47.9	71.9
63	37.7	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: 6.870 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF102746.D

Acq: 5 Feb 2018 19:00

Instrument :

BNA_F

ClientSampleId :

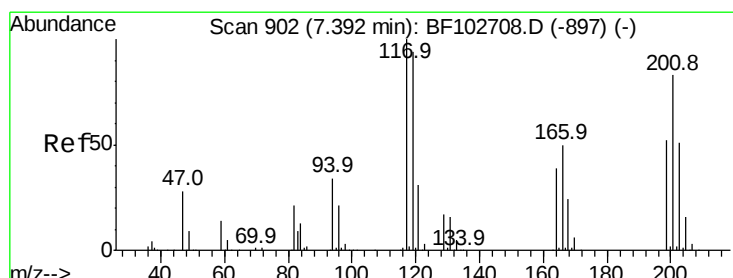
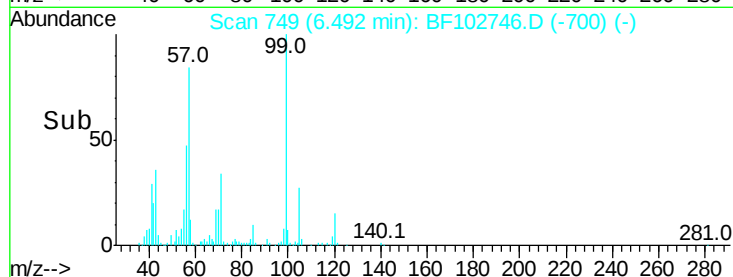
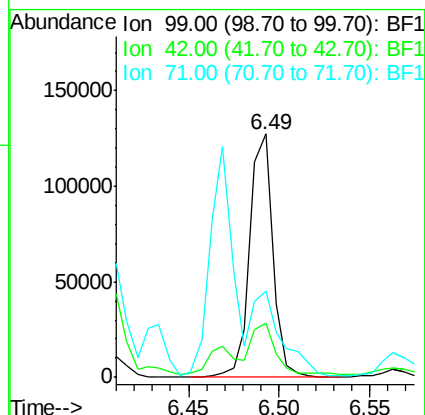
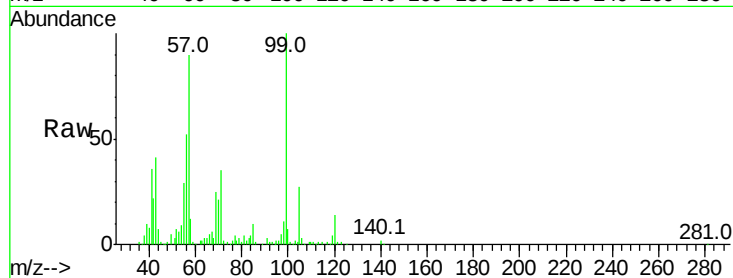
Tot Ion: 99 Resp: 113383

Ion Ratio Lower Upper

99 100

42 22.0 14.5 21.7#

71 35.4 25.4 38.0



#18

Hexachloroethane

Concen: 31.245 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.02 min

Lab File: BF102746.D

Acq: 5 Feb 2018 19:00

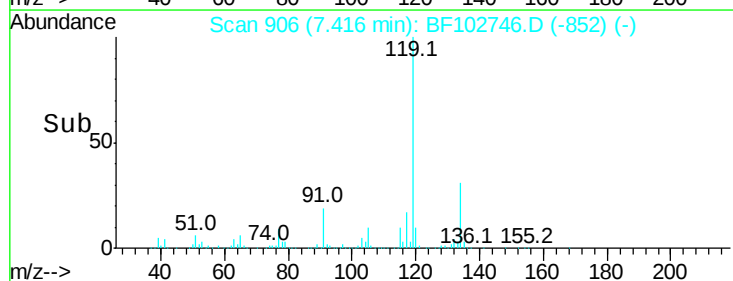
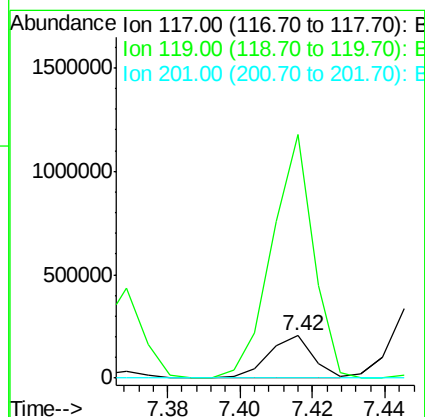
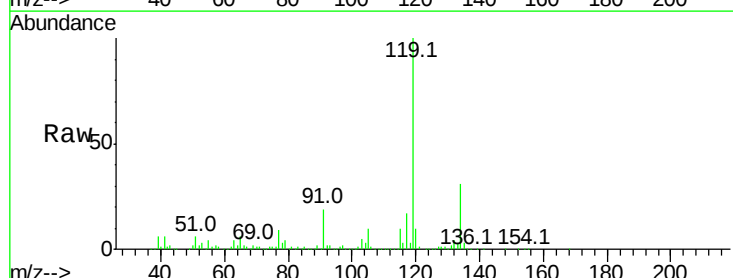
Tgt Ion: 117 Resp: 174419

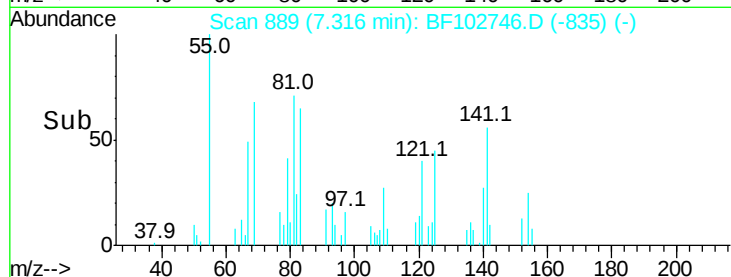
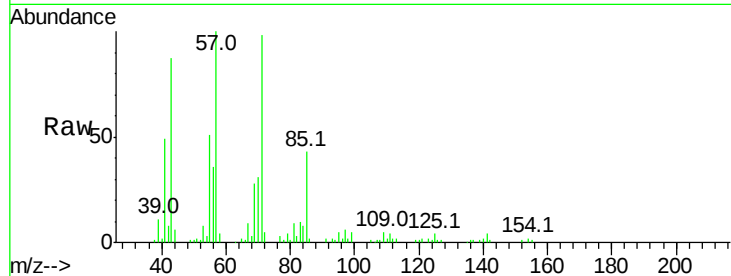
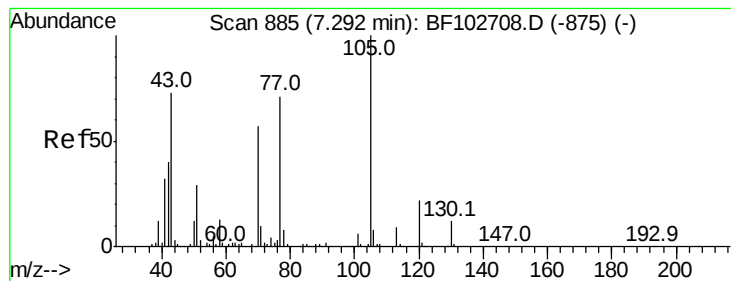
Ion Ratio Lower Upper

117 100

119 578.8 75.8 113.8#

201 0.0 75.7 113.5#





#19

n-Nitroso-di-n-propylamine

Concen: 2.091 ng

RT: 7.32 min Scan# 889

Delta R.T. 0.02 min

Lab File: BF102746.D

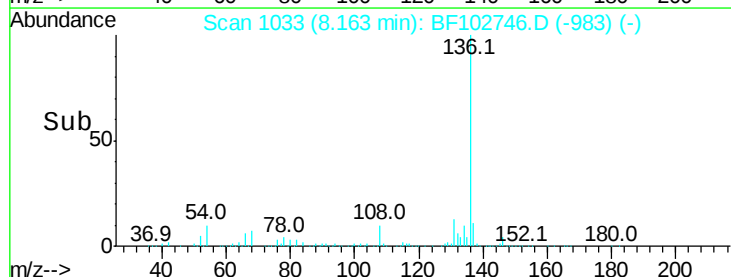
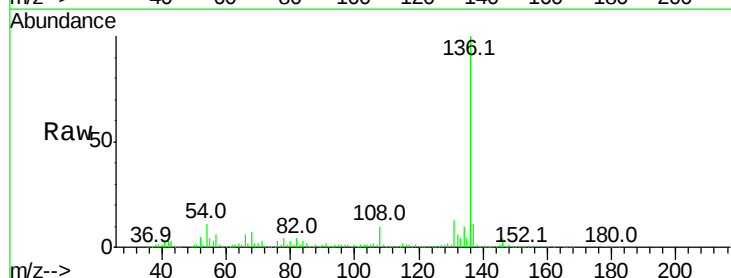
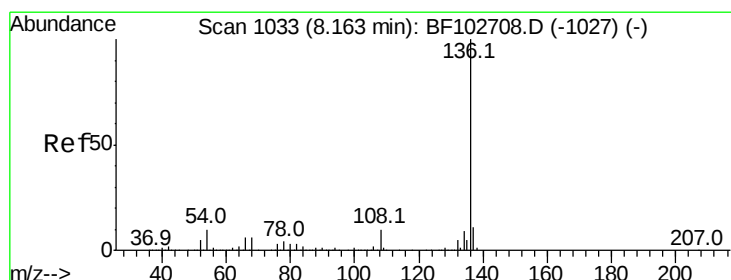
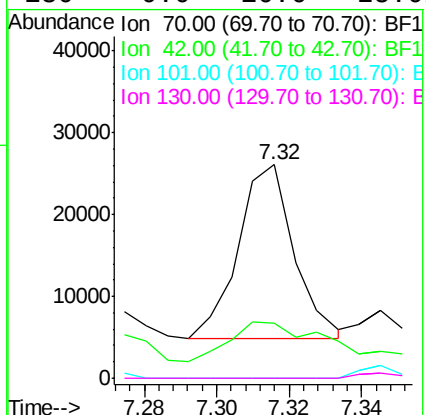
Acq: 5 Feb 2018 19:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	70	Resp:	22760
Ion	Ratio	Lower	Upper
70	100		
42	25.6	47.5	71.3#
101	0.0	7.4	11.2#
130	0.0	16.6	25.0#



#21

Naphthalene-d8

Concen: 20.000 ng

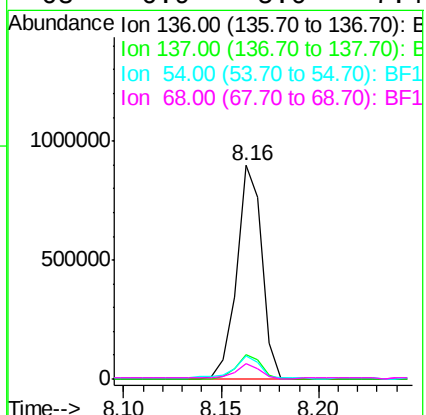
RT: 8.16 min Scan# 1033

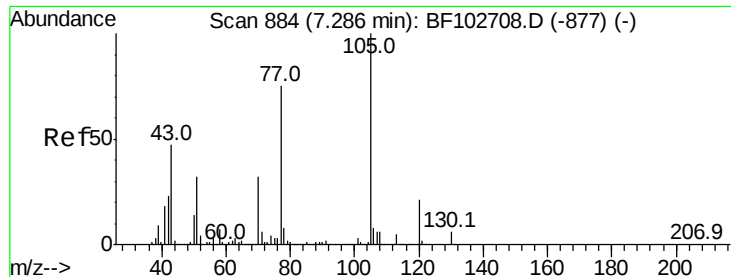
Delta R.T. -0.01 min

Lab File: BF102746.D

Acq: 5 Feb 2018 19:00

Tgt Ion:	136	Resp:	798271
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	10.5	6.6	9.8#
68	6.9	5.0	7.4

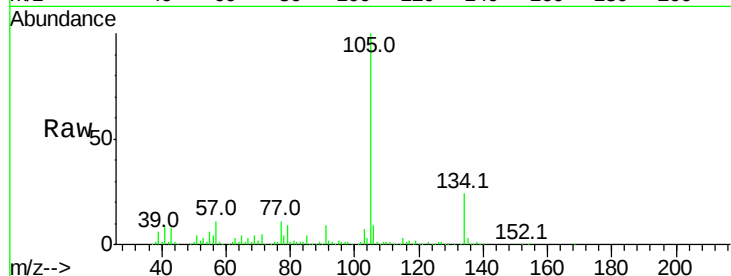




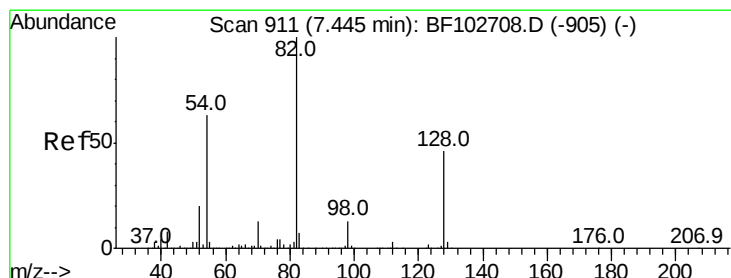
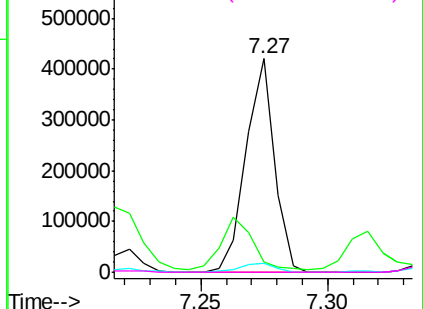
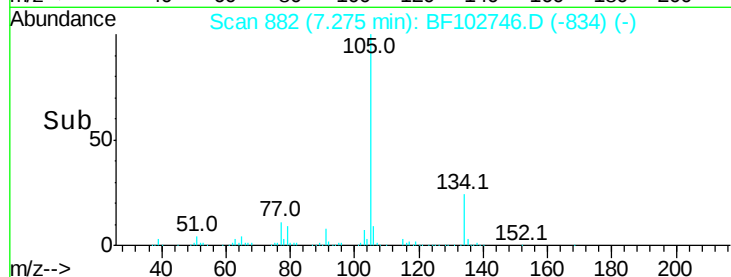
#22
Acetophenone
Concen: 16.899 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.02 min
Lab File: BF102746.D
Acq: 5 Feb 2018 19:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:105 Resp: 330104
Ion Ratio Lower Upper
105 100
71 4.7 4.4 6.6
51 4.5 22.3 33.5#
120 0.2 16.9 25.3#

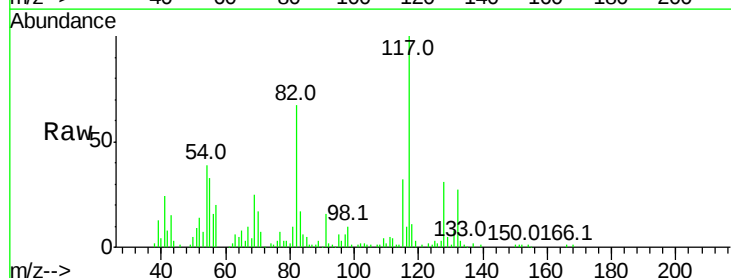


Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

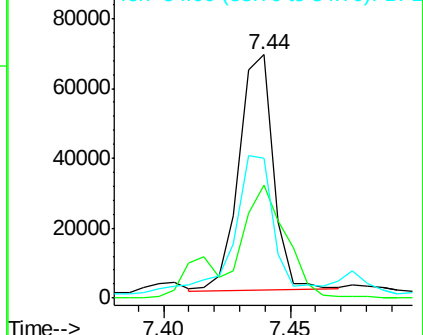
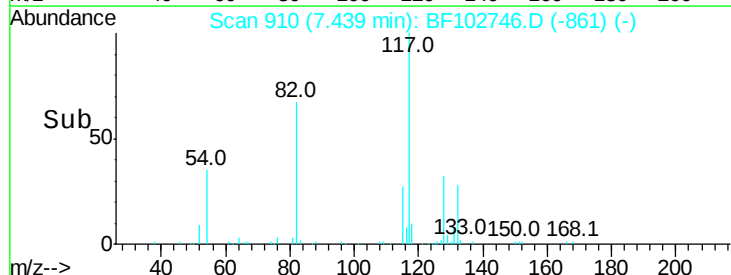


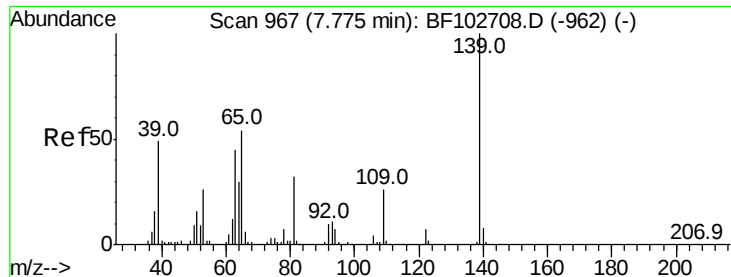
#23
Nitrobenzene-d5
Concen: 5.532 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF102746.D
Acq: 5 Feb 2018 19:00

Tgt Ion: 82 Resp: 63662
Ion Ratio Lower Upper
82 100
128 46.6 36.1 54.1
54 57.7 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





#26

2-Nitrophenol

Concen: 9.138 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.00 min

Lab File: BF102746.D

Acq: 5 Feb 2018 19:00

Instrument :

BNA_F

ClientSampleId :

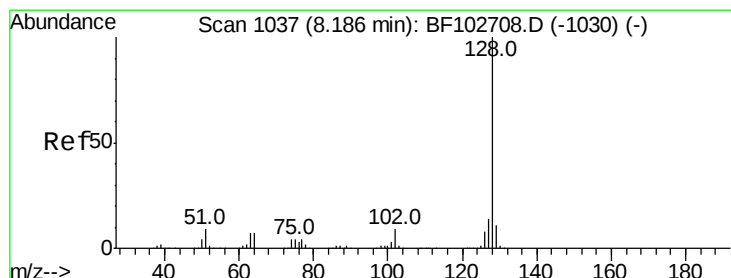
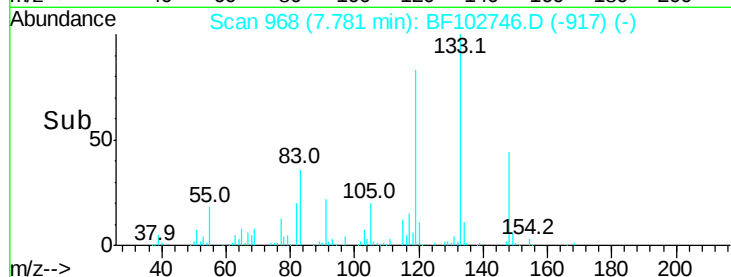
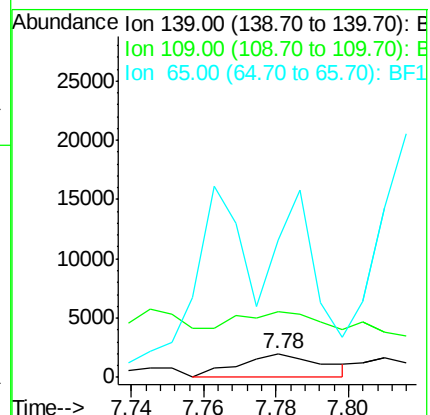
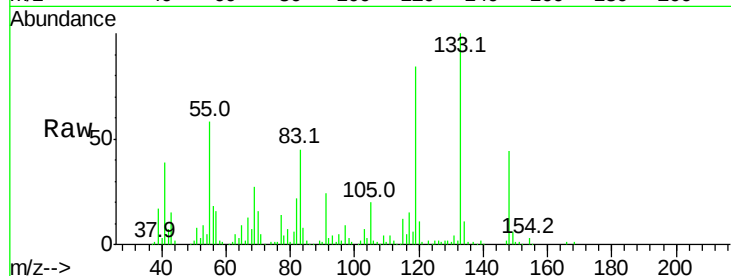
Tot Ion:139 Resp: 3199

Ion Ratio Lower Upper

139 100

109 280.1 22.7 34.1#

65 582.6 40.5 60.7#



#31

Naphthalene

Concen: 10.653 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF102746.D

Acq: 5 Feb 2018 19:00

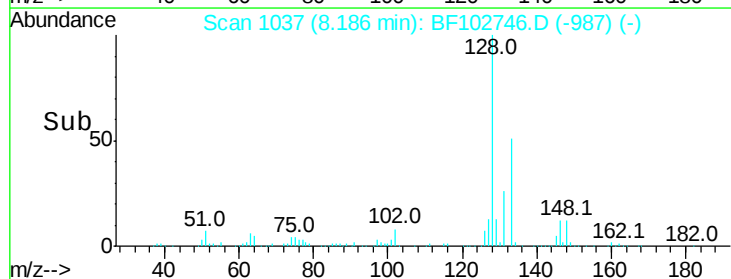
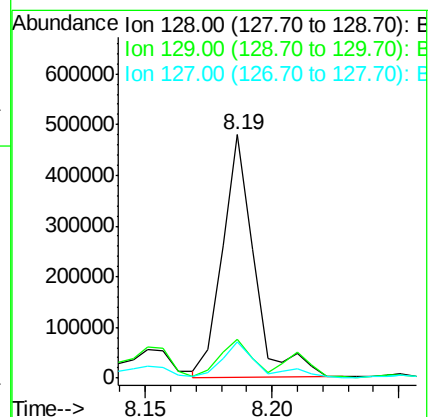
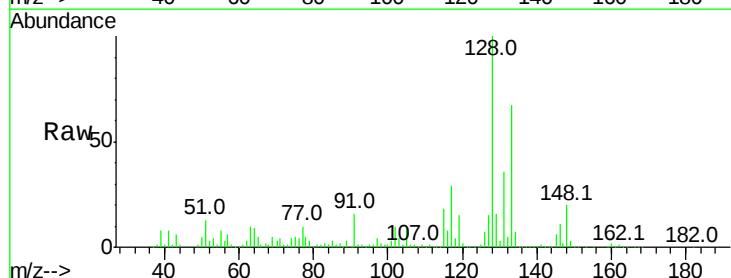
Tgt Ion:128 Resp: 415473

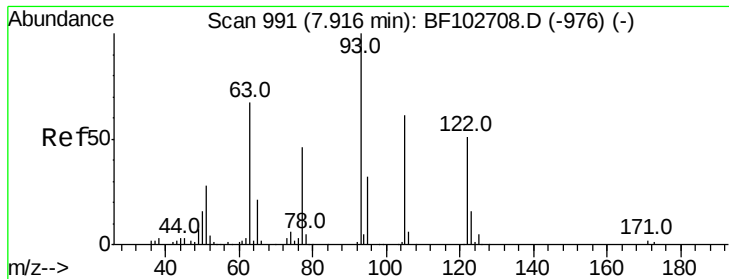
Ion Ratio Lower Upper

128 100

129 15.9 8.8 13.2#

127 15.1 10.9 16.3

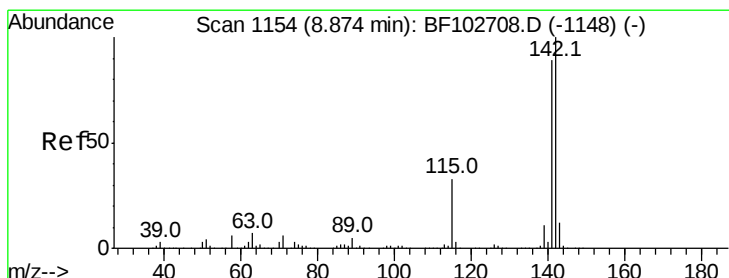
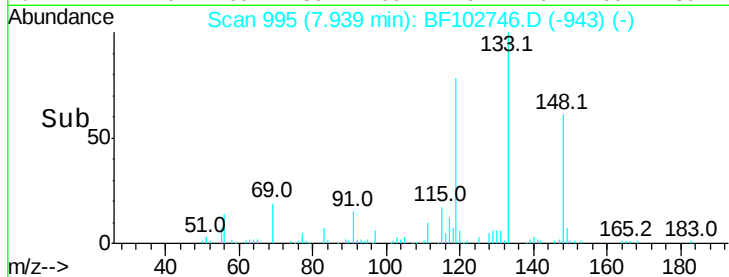
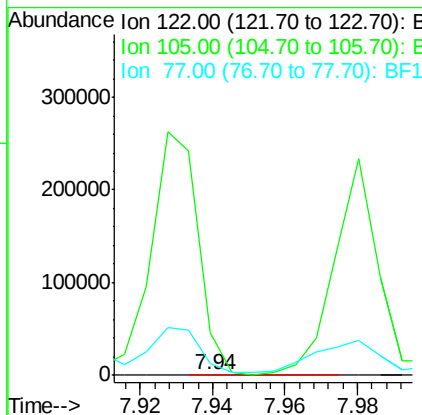
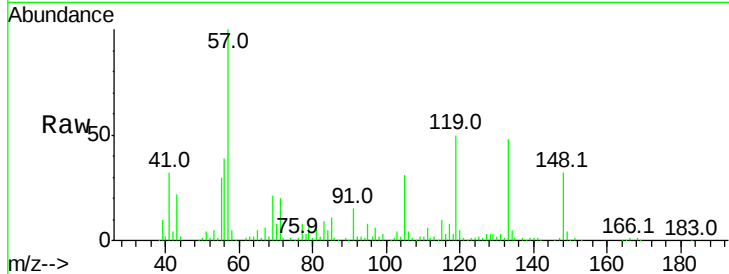




#32
Benzoic acid
Concen: 8.715 ng
RT: 7.94 min Scan# 995
Delta R.T. 0.01 min
Lab File: BF102746.D
Acq: 5 Feb 2018 19:00

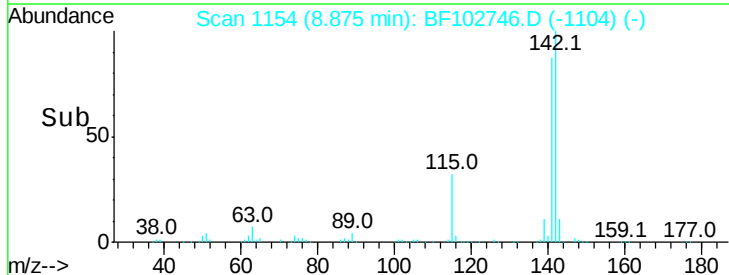
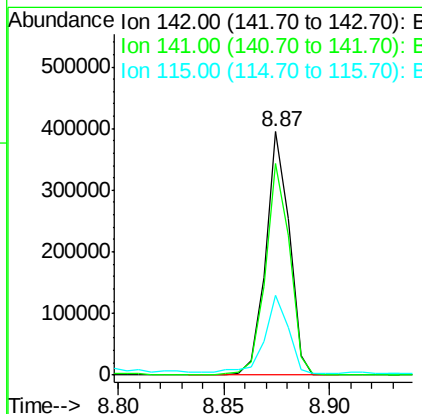
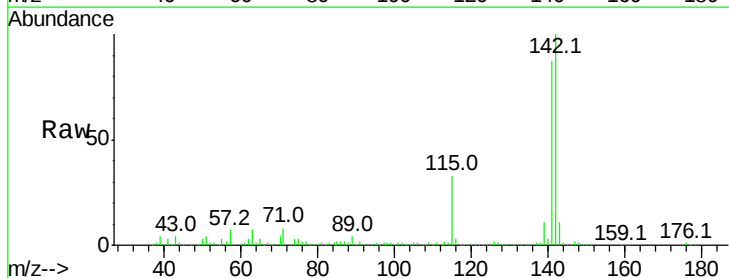
Instrument :
BNA_F
ClientSampleId :

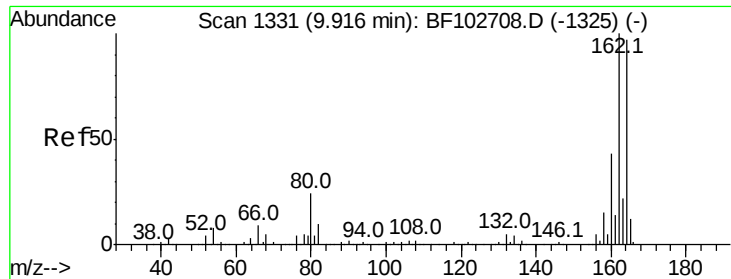
Tot Ion:122 Resp: 1405
Ion Ratio Lower Upper
122 100
105 6833.4 101.1 141.1#
77 1817.9 70.7 110.7#



#37
2-Methylnaphthalene
Concen: 11.992 ng
RT: 8.87 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BF102746.D
Acq: 5 Feb 2018 19:00

Tgt Ion:142 Resp: 306225
Ion Ratio Lower Upper
142 100
141 86.9 70.8 106.2
115 32.8 26.1 39.1

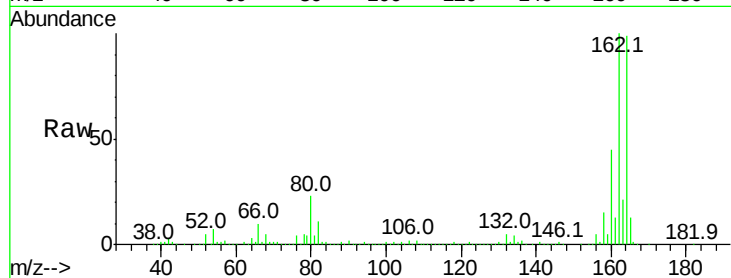




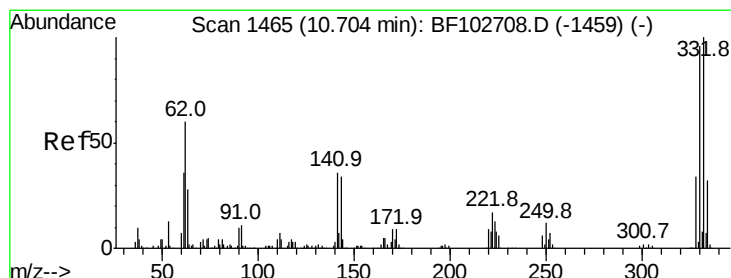
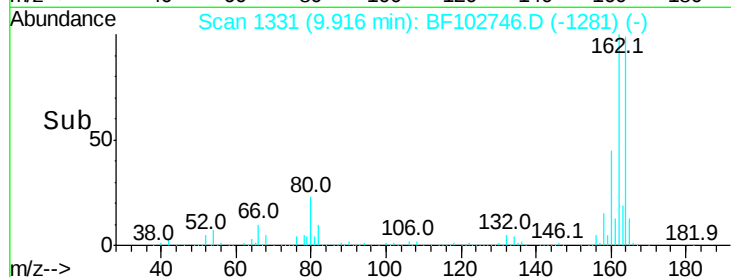
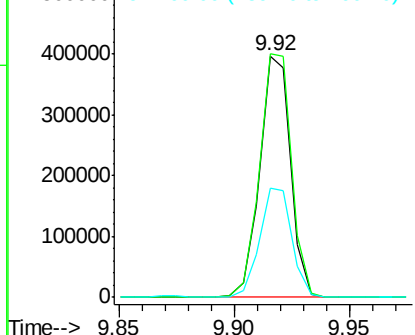
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF102746.D
Acq: 5 Feb 2018 19:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 368877
Ion Ratio Lower Upper
164 100
162 101.0 86.1 129.1
160 45.4 38.3 57.5

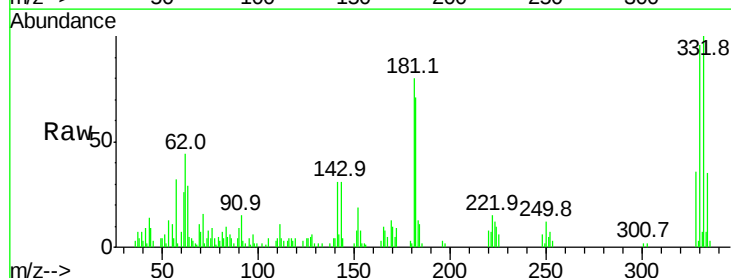


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

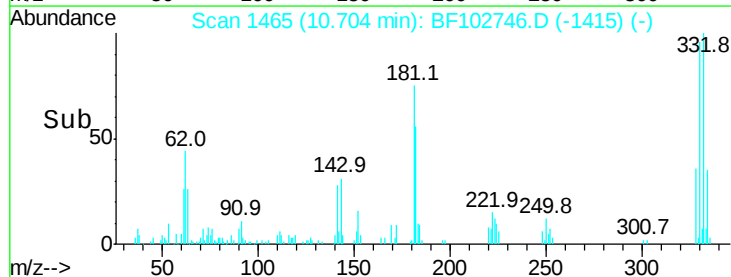
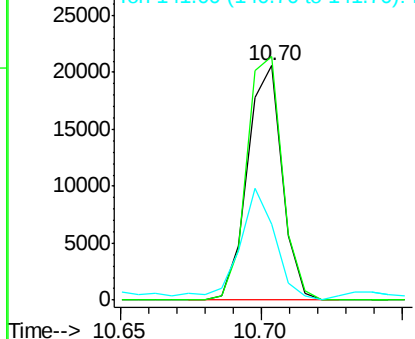


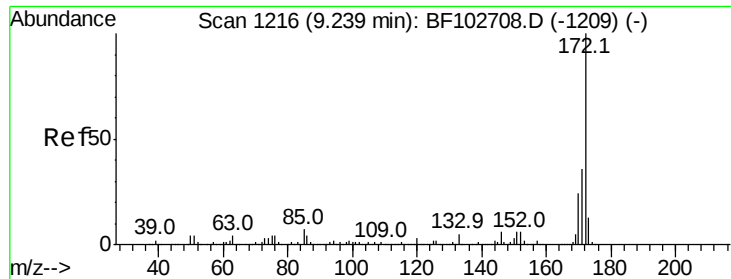
#41
2,4,6-Tribromophenol
Concen: 5.930 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.01 min
Lab File: BF102746.D
Acq: 5 Feb 2018 19:00

Tgt Ion:330 Resp: 17605
Ion Ratio Lower Upper
330 100
332 105.9 77.0 115.6
141 49.4 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: 5.101 ng

RT: 9.23 min Scan# 1215

Delta R.T. -0.01 min

Lab File: BF102746.D

Acq: 5 Feb 2018 19:00

Instrument :

BNA_F

ClientSampleId :

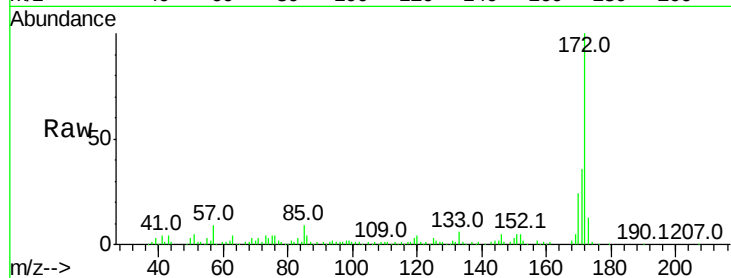
Tot Ion:172 Resp: 113406

Ion Ratio Lower Upper

172 100

171 35.6 29.7 44.5

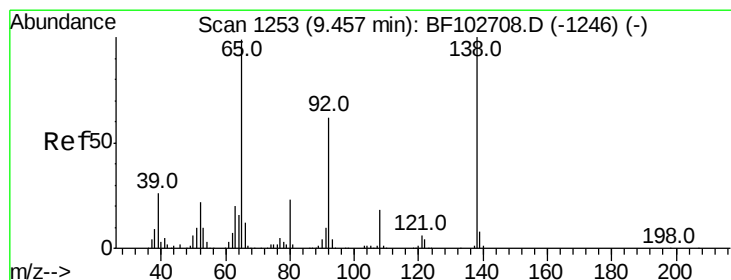
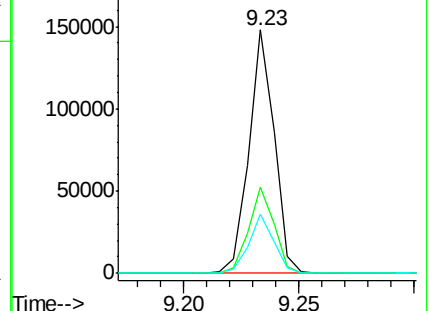
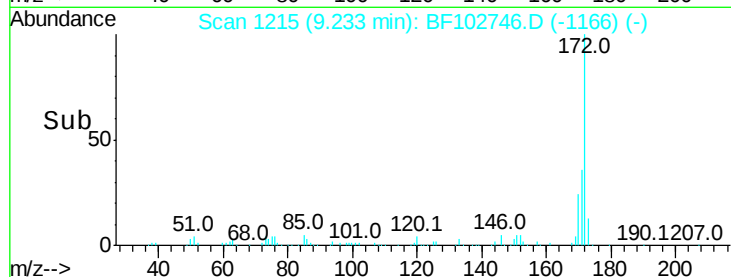
170 24.4 19.6 29.4



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



#47

2-Nitroaniline

Concen: 3.519 ng

RT: 9.46 min Scan# 1253

Delta R.T. -0.01 min

Lab File: BF102746.D

Acq: 5 Feb 2018 19:00

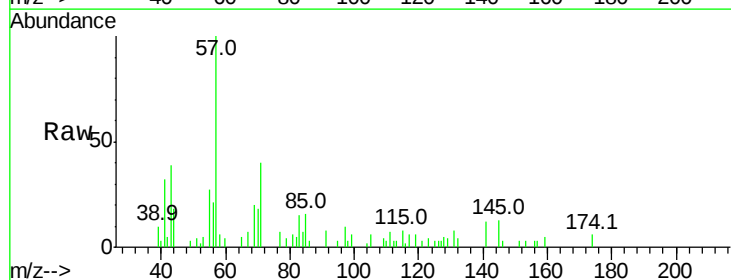
Tgt Ion: 65 Resp: 380

Ion Ratio Lower Upper

65 100

92 0.0 55.8 83.6#

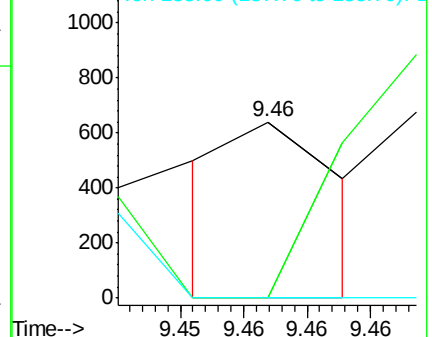
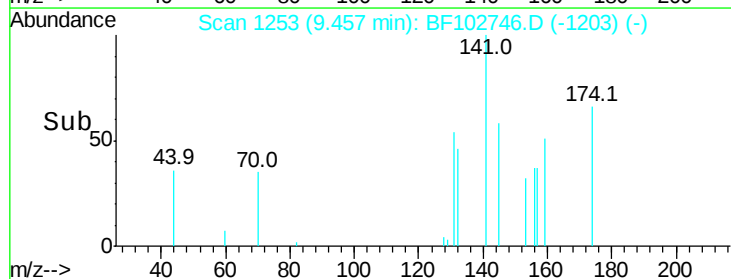
138 0.0 91.2 136.8#

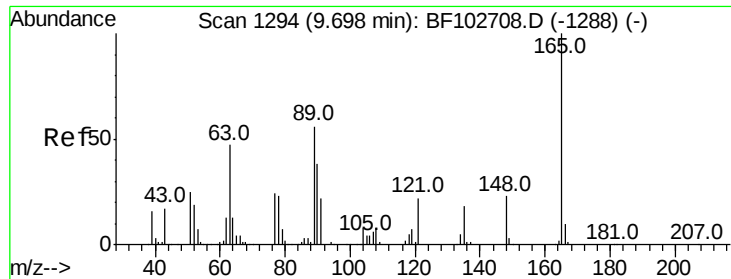


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E

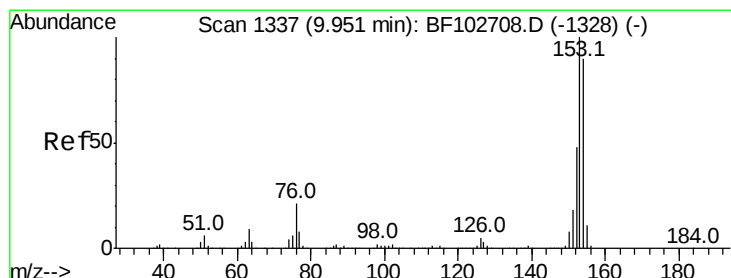
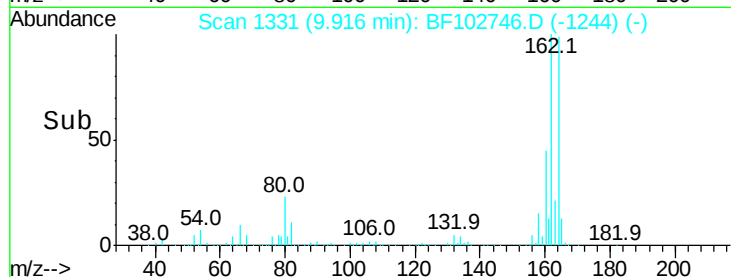
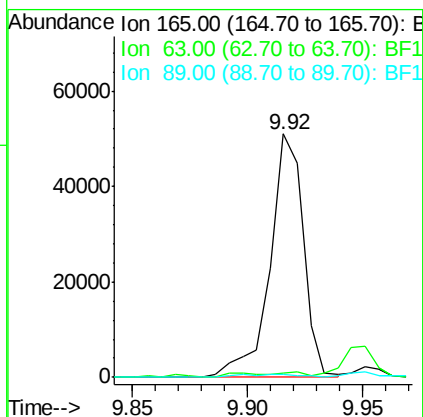
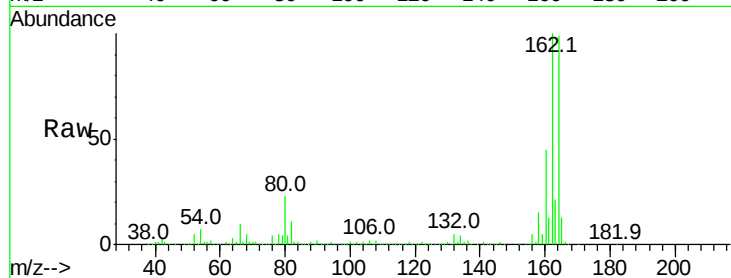




#50
 2,6-Dinitrotoluene
 Concen: 9.334 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.21 min
 Lab File: BF102746.D
 Acq: 5 Feb 2018 19:00

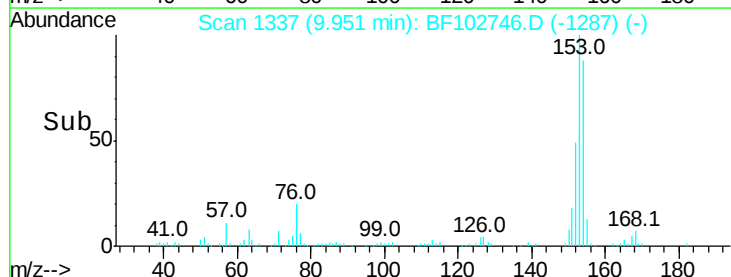
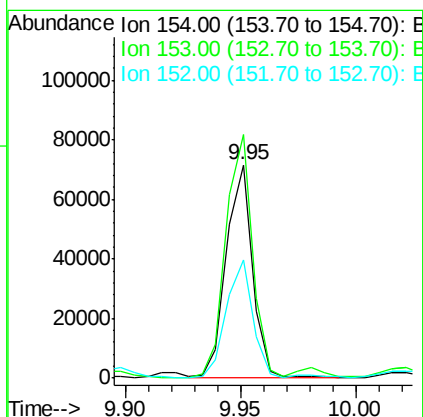
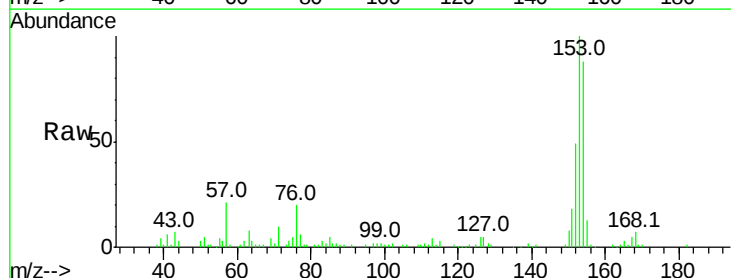
Instrument :
 BNA_F
 ClientSampleId :

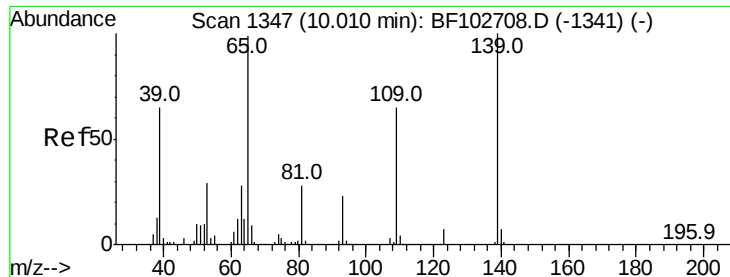
Tot Ion:165 Resp: 51075
 Ion Ratio Lower Upper
 165 100
 63 1.7 44.7 67.1#
 89 1.2 44.0 66.0#



#51
 Acenaphthene
 Concen: 2.505 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.01 min
 Lab File: BF102746.D
 Acq: 5 Feb 2018 19:00

Tgt Ion:154 Resp: 56919
 Ion Ratio Lower Upper
 154 100
 153 114.1 91.2 136.8
 152 55.6 43.8 65.8





#55

4-Nitrophenol

Concen: 4.511 ng

RT: 10.02 min Scan# 1348

Delta R.T. -0.01 min

Lab File: BF102746.D

Acq: 5 Feb 2018 19:00

Instrument :

BNA_F

ClientSampleId :

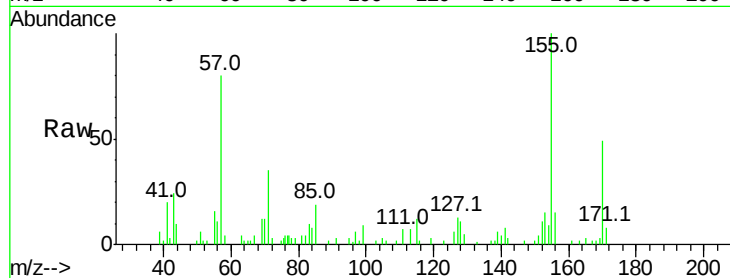
Tot Ion:139 Resp: 2840

Ion Ratio Lower Upper

139 100

109 35.2 48.4 88.4#

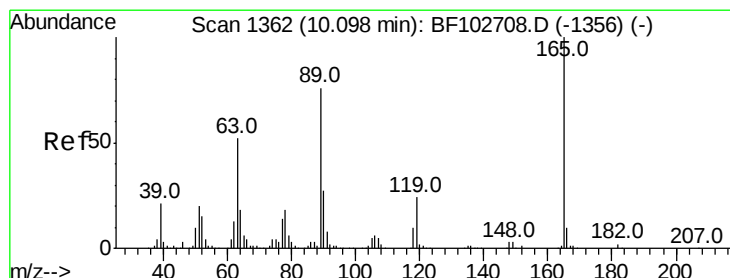
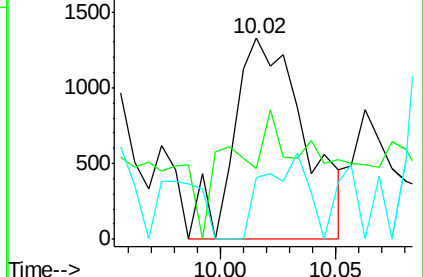
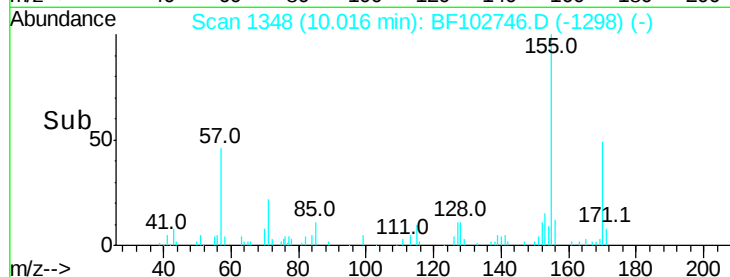
65 30.9 72.6 112.6#



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



#56

2,4-Dinitrotoluene

Concen: 3.620 ng

RT: 10.09 min Scan# 1361

Delta R.T. -0.01 min

Lab File: BF102746.D

Acq: 5 Feb 2018 19:00

Tgt Ion:165 Resp: 4272

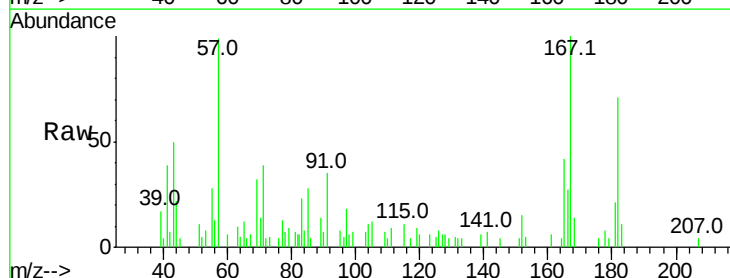
Ion Ratio Lower Upper

165 100

63 24.3 36.4 54.6#

89 34.1 57.8 86.6#

182 168.7 1.6 2.4#

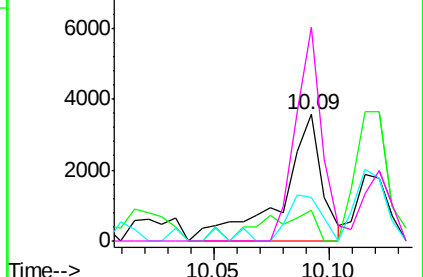
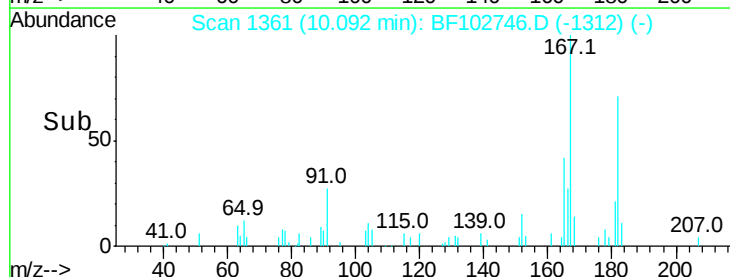


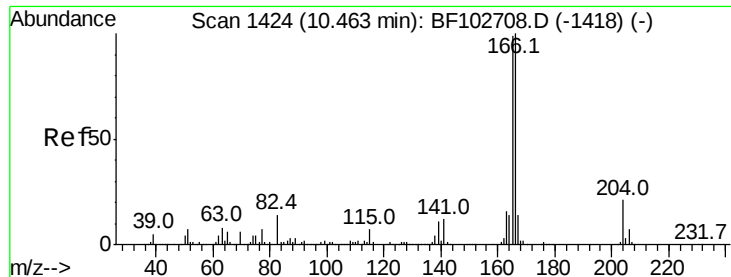
Abundance Ion 165.00 (164.70 to 165.70): E

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

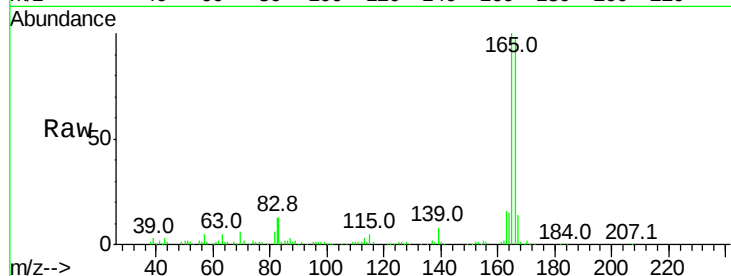




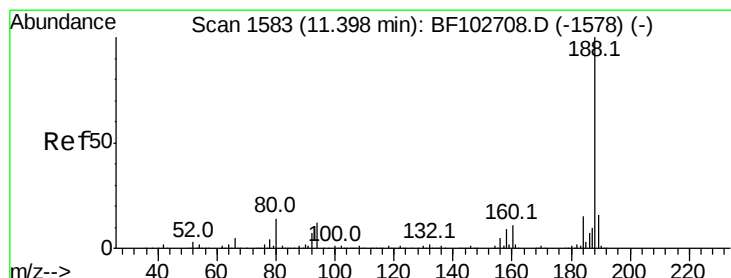
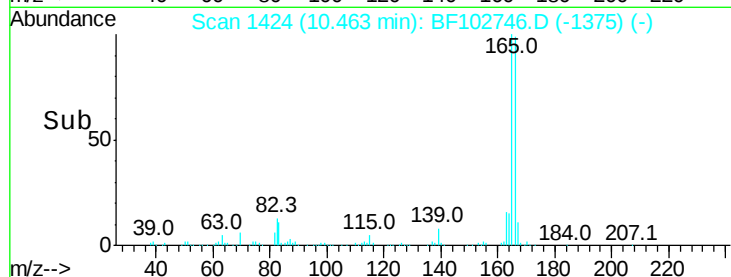
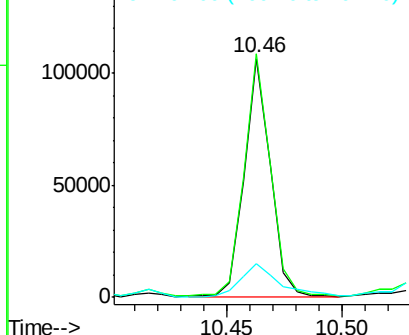
#57
 Fluorene
 Concen: 3.582 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BF102746.D
 Acq: 5 Feb 2018 19:00

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:166 Resp: 83444
 Ion Ratio Lower Upper
 166 100
 165 101.9 79.8 119.8
 167 14.4 10.6 16.0

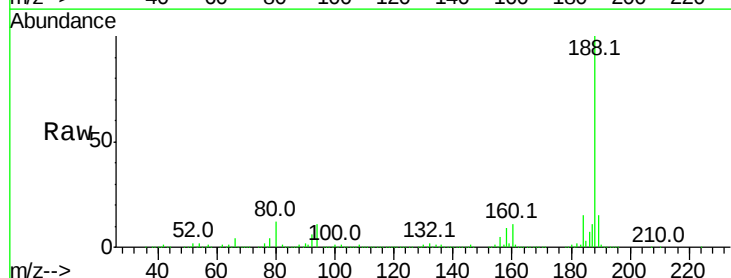


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

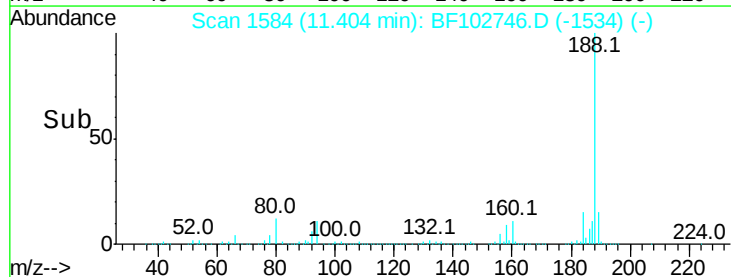
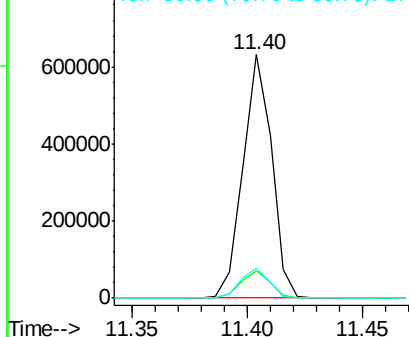


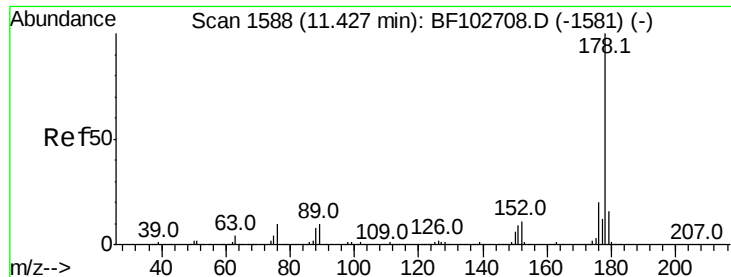
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.01 min
 Lab File: BF102746.D
 Acq: 5 Feb 2018 19:00

Tgt Ion:188 Resp: 552005
 Ion Ratio Lower Upper
 188 100
 94 11.0 8.5 12.7
 80 12.5 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





#70

Phenanthrene

Concen: 17.575 ng

RT: 11.43 min Scan# 1588

Delta R.T. -0.01 min

Lab File: BF102746.D

Acq: 5 Feb 2018 19:00

Instrument :

BNA_F

ClientSampleId :

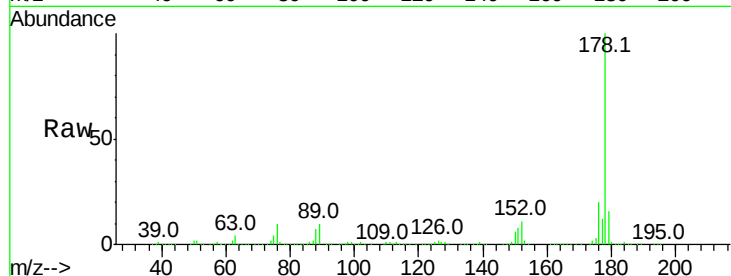
Tot Ion:178 Resp: 540314

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.8
179	16.0	13.0	19.6

178 100

176 19.8 15.8 23.8

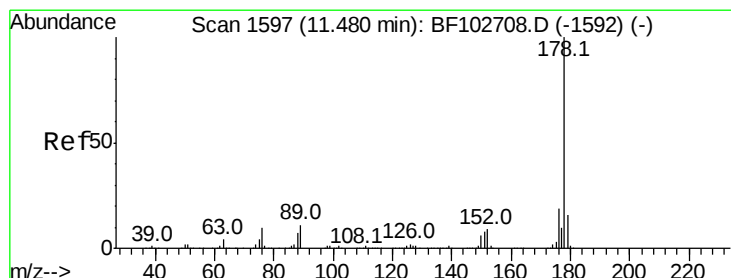
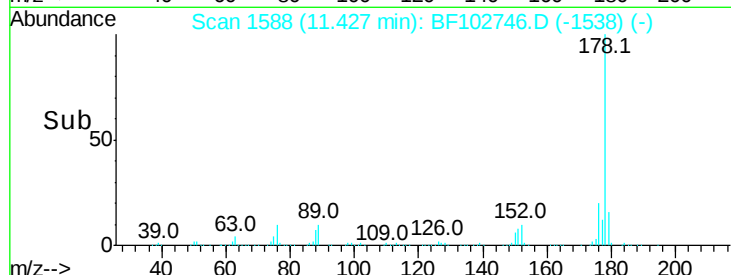
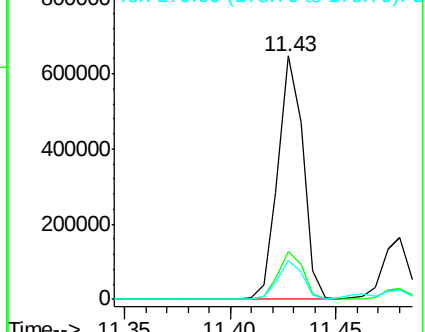
179 16.0 13.0 19.6



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: 4.363 ng

RT: 11.48 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BF102746.D

Acq: 5 Feb 2018 19:00

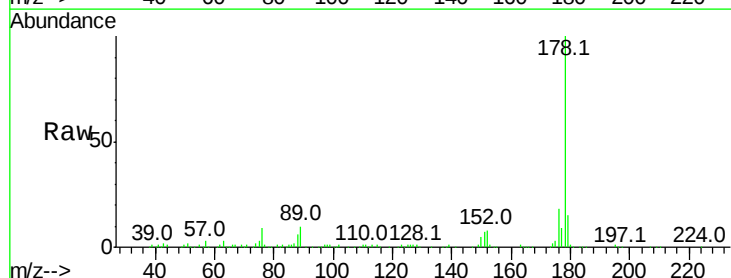
Tgt Ion:178 Resp: 136438

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.4	23.2
179	14.9	12.6	19.0

178 100

176 18.4 15.4 23.2

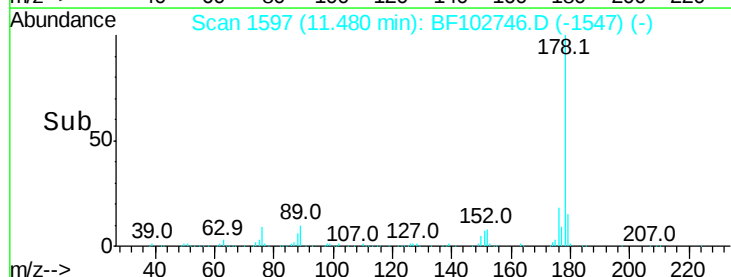
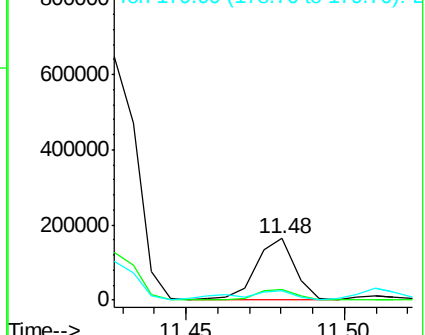
179 14.9 12.6 19.0

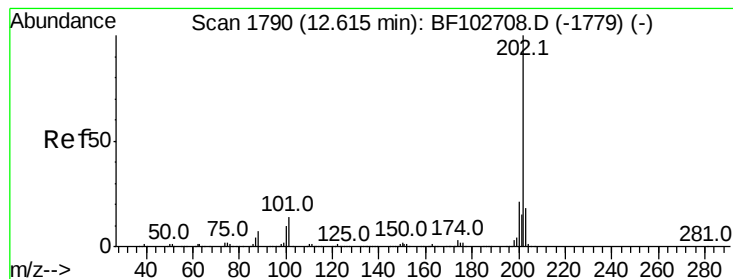


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#74

Fluoranthene

Concen: 23.622 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.00 min

Lab File: BF102746.D

Acq: 5 Feb 2018 19:00

Instrument :

BNA_F

ClientSampleId :

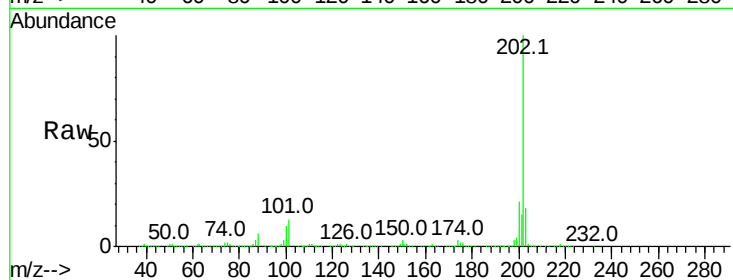
Tot Ion:202 Resp: 730645

Ion Ratio Lower Upper

202 100

101 13.3 0.0 34.1

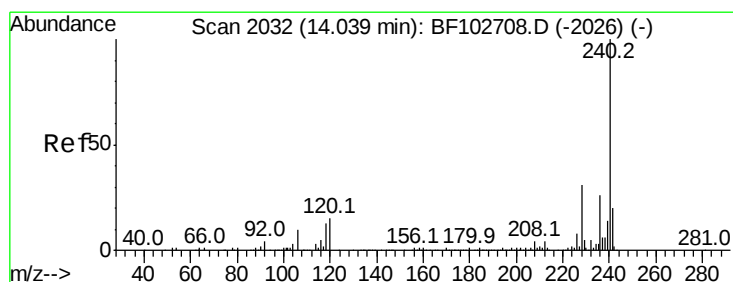
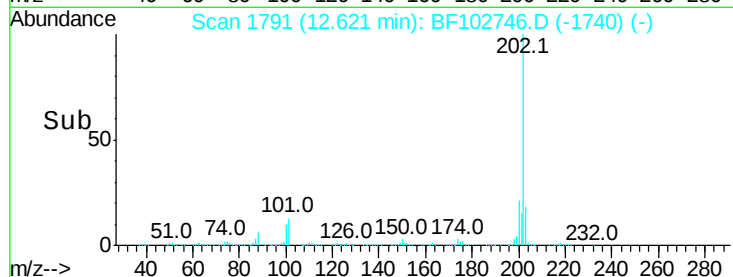
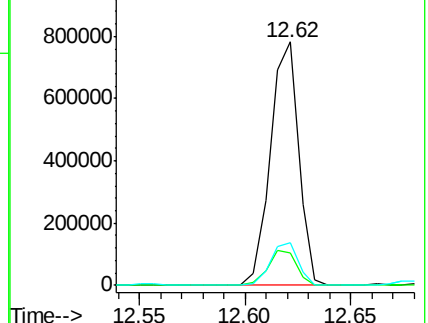
203 17.7 0.0 38.1



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: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF102746.D

Acq: 5 Feb 2018 19:00

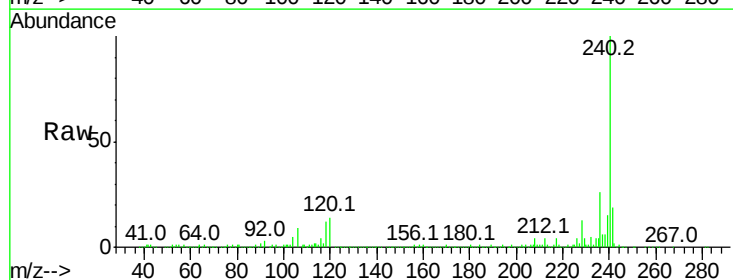
Tgt Ion:240 Resp: 360372

Ion Ratio Lower Upper

240 100

120 13.5 9.5 14.3

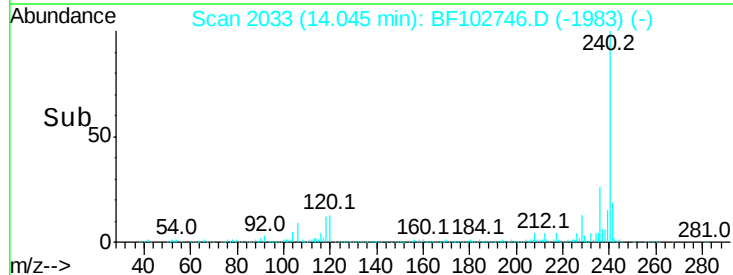
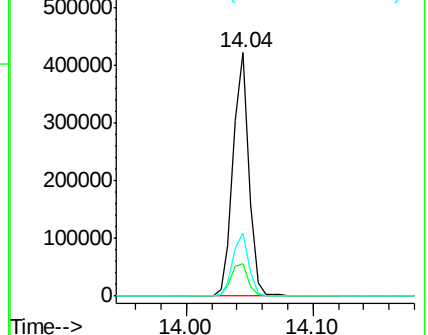
236 25.9 20.7 31.1

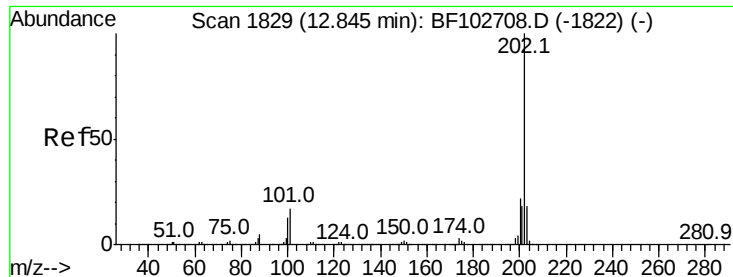


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 22.339 ng

RT: 12.84 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF102746.D

Acq: 5 Feb 2018 19:00

Instrument :

BNA_F

ClientSampleId :

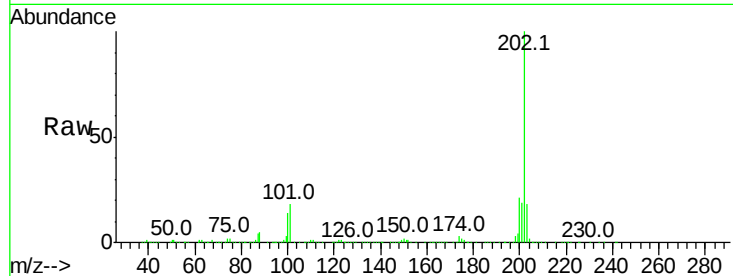
Tot Ion:202 Resp: 631267

Ion Ratio Lower Upper

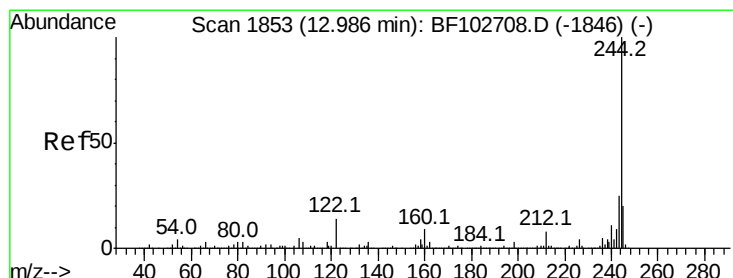
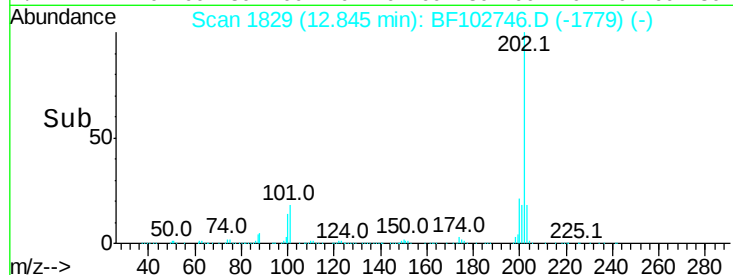
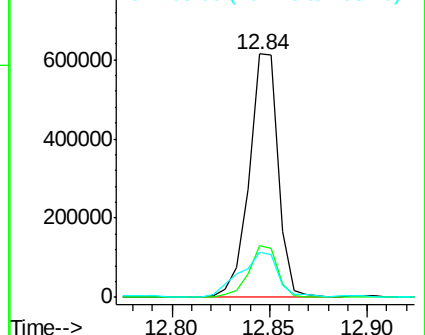
202 100

200 21.3 17.4 26.2

203 18.4 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: 5.051 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF102746.D

Acq: 5 Feb 2018 19:00

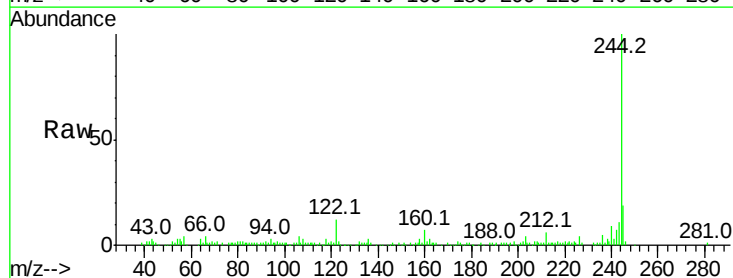
Tgt Ion:244 Resp: 76874

Ion Ratio Lower Upper

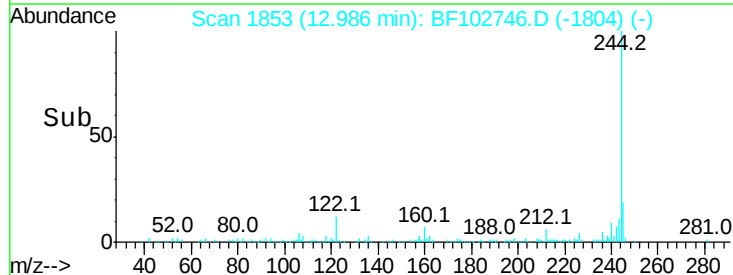
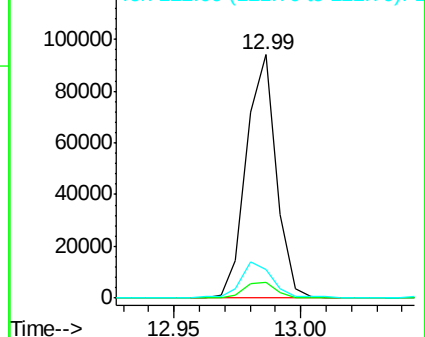
244 100

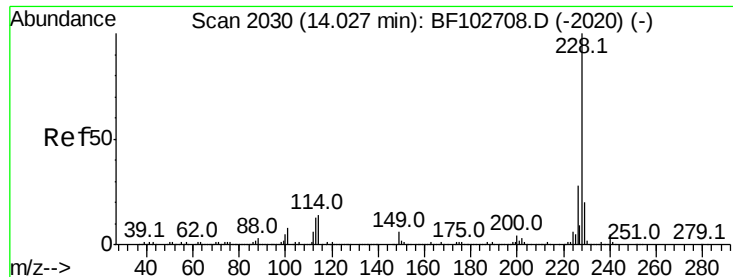
212 6.3 5.4 8.0

122 11.8 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

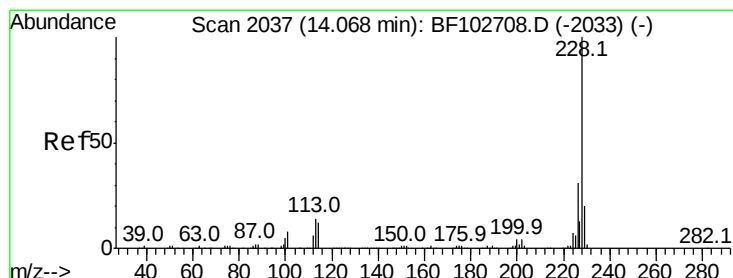
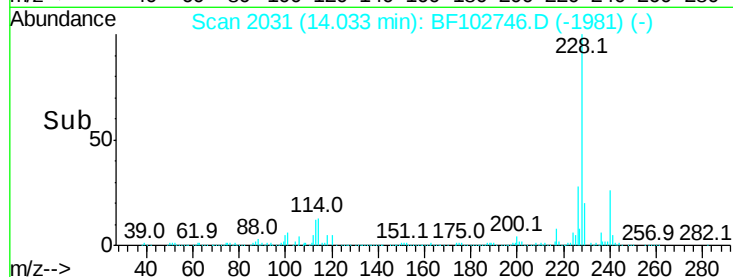
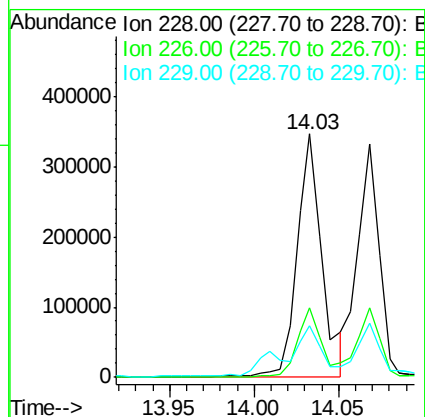
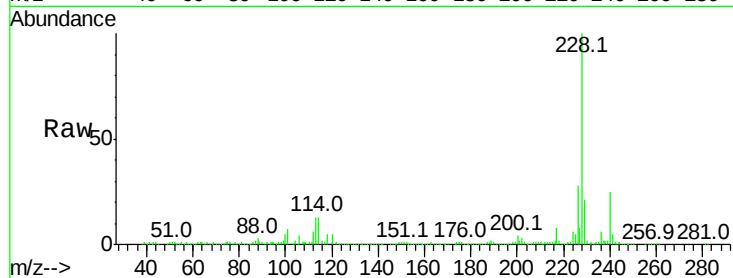




#80
Benzo(a)anthracene
Concen: 15.615 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF102746.D
Acq: 5 Feb 2018 19:00

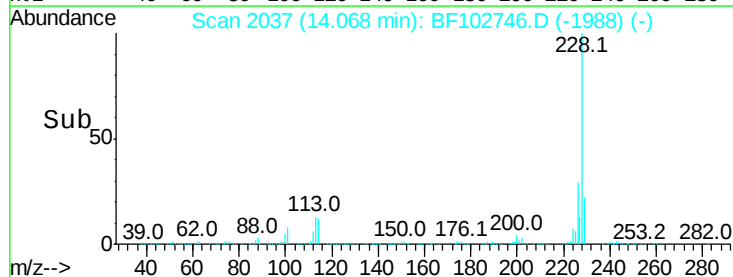
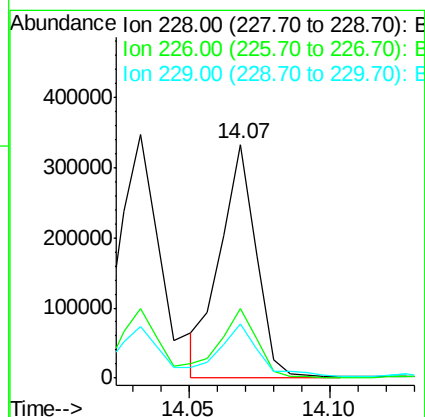
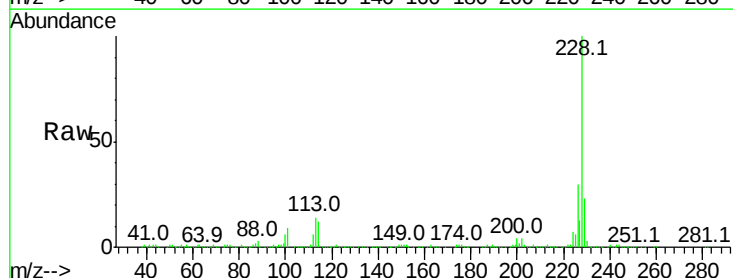
Instrument :
BNA_F
ClientSampleId :

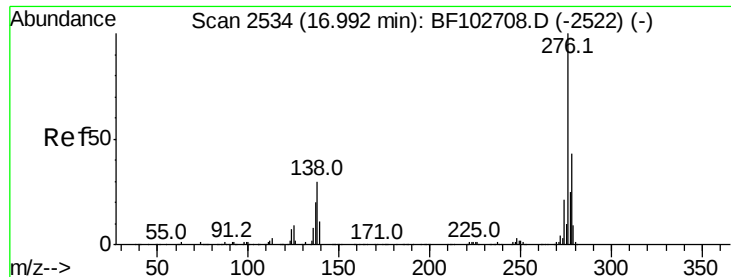
Tot Ion:228 Resp: 353895
Ion Ratio Lower Upper
228 100
226 28.5 22.6 33.8
229 21.0 15.8 23.6



#82
Chrysene
Concen: 12.903 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BF102746.D
Acq: 5 Feb 2018 19:00

Tgt Ion:228 Resp: 294783
Ion Ratio Lower Upper
228 100
226 29.9 25.0 37.6
229 23.2 16.2 24.4

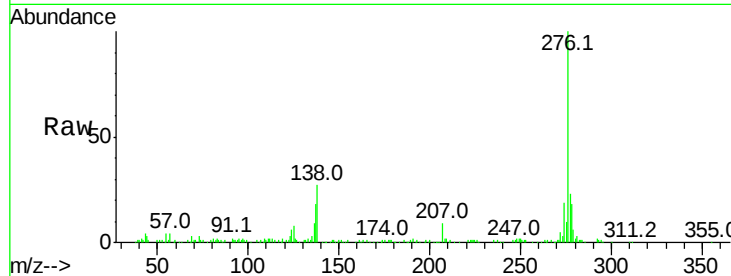




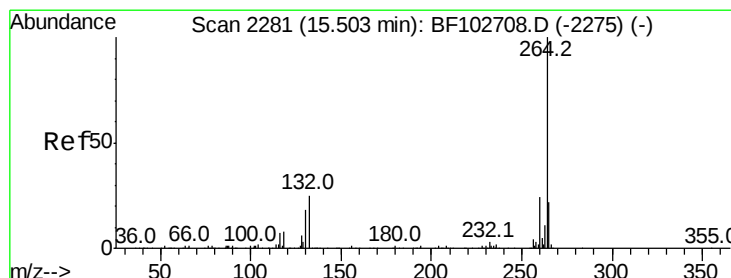
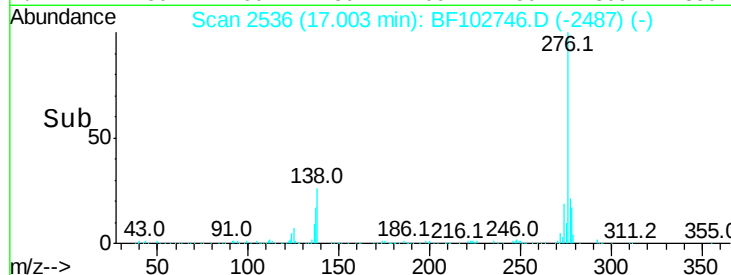
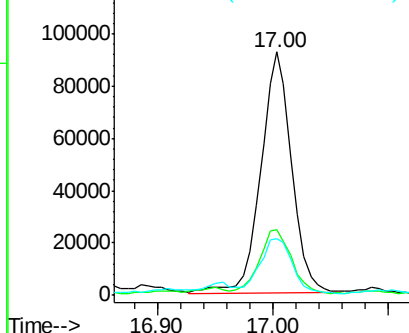
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 9.098 ng
 RT: 17.00 min Scan# 2536
 Delta R.T. -0.01 min
 Lab File: BF102746.D
 Acq: 5 Feb 2018 19:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 172384
 Ion Ratio Lower Upper
 276 100
 138 27.7 25.0 37.6
 277 23.6 20.1 30.1

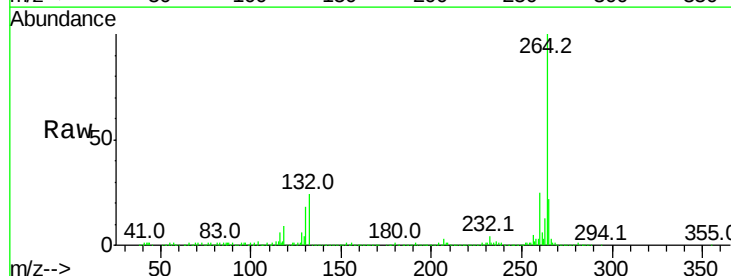


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

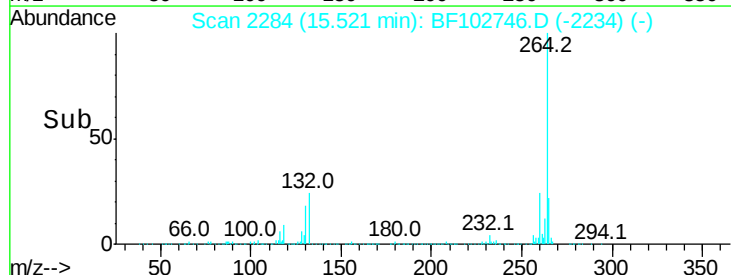
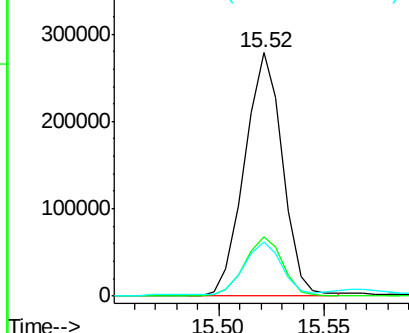


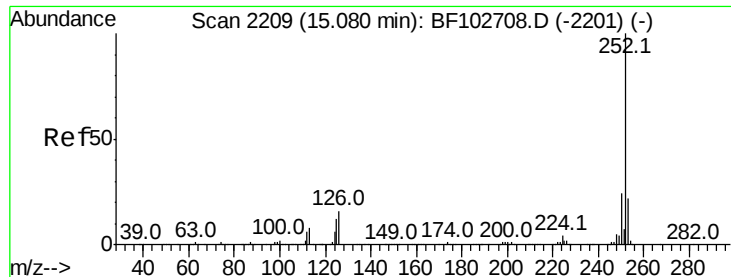
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.52 min Scan# 2284
 Delta R.T. -0.01 min
 Lab File: BF102746.D
 Acq: 5 Feb 2018 19:00

Tgt Ion:264 Resp: 347301
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.2 28.8
 265 22.4 17.5 26.3



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





#87

Benzo(b)fluoranthene

Concen: 26.010 ng

RT: 15.09 min Scan# 2210

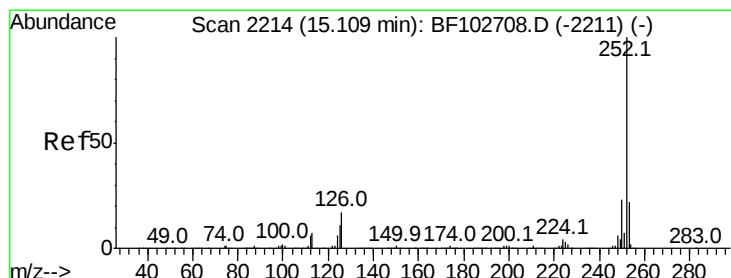
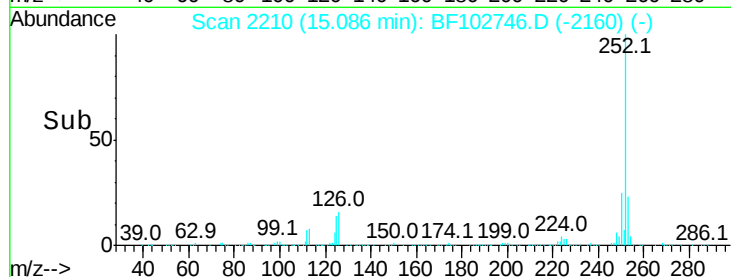
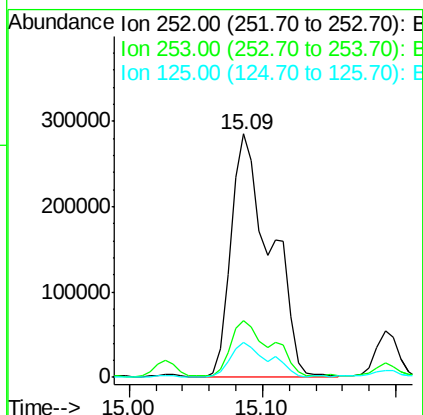
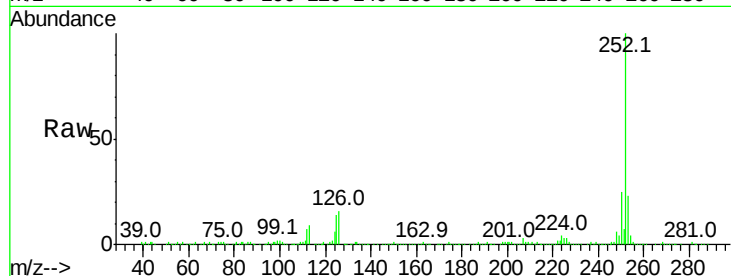
Delta R.T. -0.01 min

Lab File: BF102746.D

Acq: 5 Feb 2018 19:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.0	25.6
125	14.1	9.0	13.6#



#88

Benzo(k)fluoranthene

Concen: 27.221 ng

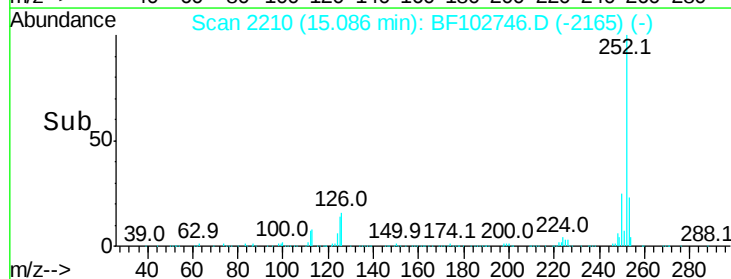
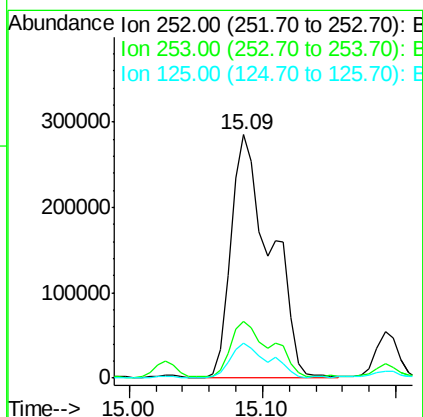
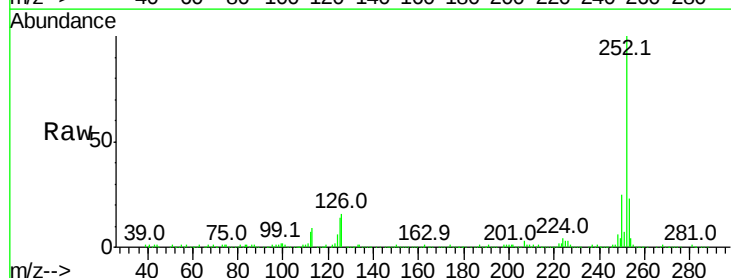
RT: 15.09 min Scan# 2210

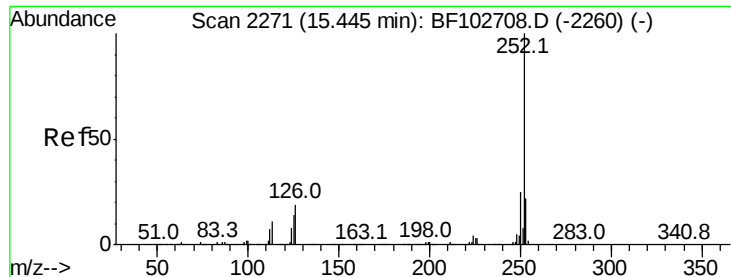
Delta R.T. -0.04 min

Lab File: BF102746.D

Acq: 5 Feb 2018 19:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.9	26.9
125	14.1	10.2	15.2





#89

Benzo(a)pyrene

Concen: 14.378 ng

RT: 15.46 min Scan# 2273

Delta R.T. -0.01 min

Lab File: BF102746.D

Acq: 5 Feb 2018 19:00

Instrument :

BNA_F

ClientSampleId :

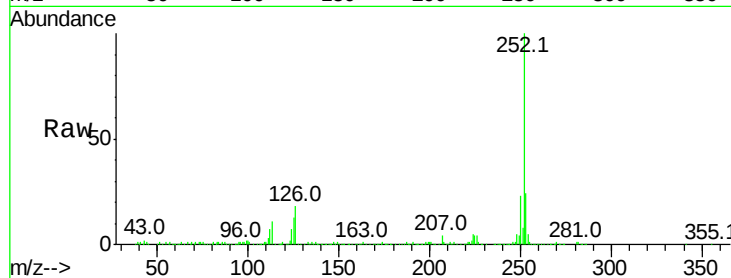
Tot Ion:252 Resp: 291421

Ion Ratio Lower Upper

252 100

253 24.5 17.1 25.7

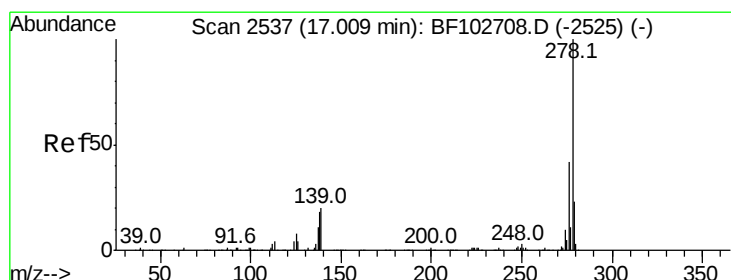
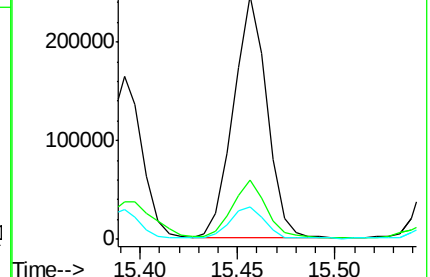
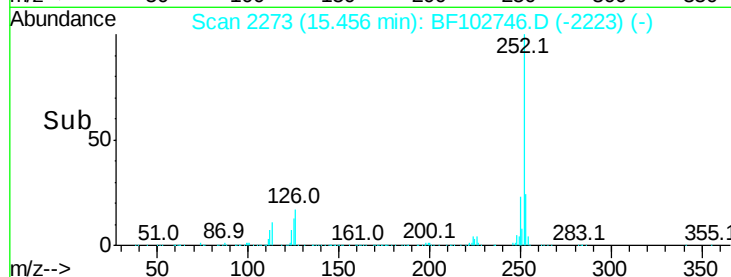
125 13.5 9.8 14.6



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: 2.640 ng

RT: 17.02 min Scan# 2539

Delta R.T. -0.02 min

Lab File: BF102746.D

Acq: 5 Feb 2018 19:00

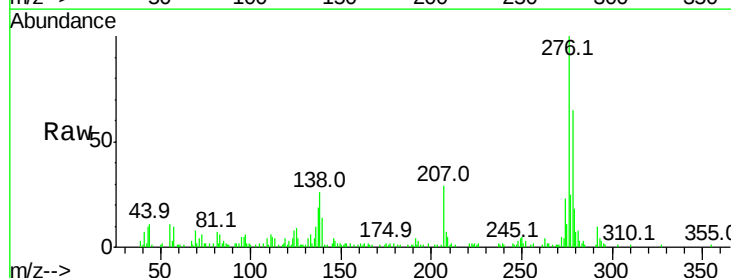
Tgt Ion:278 Resp: 43438

Ion Ratio Lower Upper

278 100

139 20.8 15.9 23.9

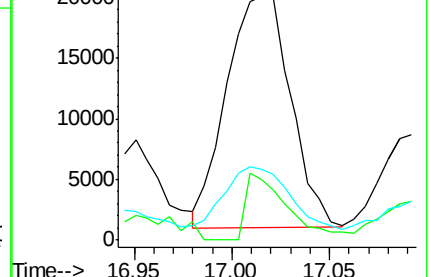
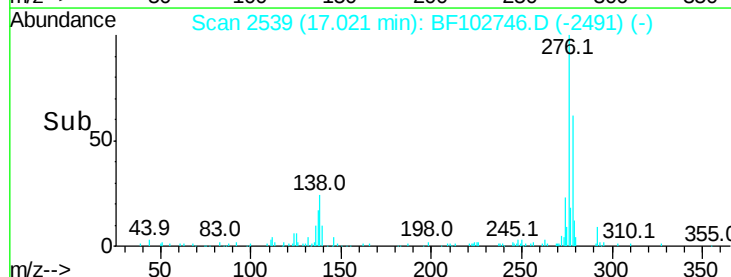
279 26.9 19.0 28.4

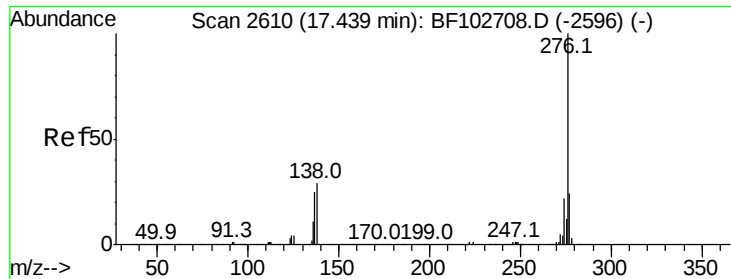


Abundance Ion 278.00 (277.70 to 278.70): E

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: 9.484 ng
 RT: 17.45 min Scan# 2612
 Delta R.T. -0.02 min
 Lab File: BF102746.D
 Acq: 5 Feb 2018 19:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.3	17.9	26.9
138	30.0	21.8	32.8

