

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062518\
 Data File : BF106794.D
 Acq On : 26 Jun 2018 1:25
 Operator : JU/SJ
 Sample : J3642-05
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 26 02:13:06 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 25 18:50:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	51383	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	180411	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	79230	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	147605	20.00	ng	0.00
75) Chrysene-d12	14.15	240	119133	20.00	ng	-0.02
86) Perylene-d12	15.69	264	89833	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	320797	105.72	ng	0.00
7) Phenol-d6	6.61	99	392081	103.47	ng	0.00
23) Nitrobenzene-d5	7.52	82	238112	73.35	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	104266	113.54	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	400413	85.66	ng	0.00
78) Terphenyl-d14	13.08	244	414235	84.23	ng	0.00

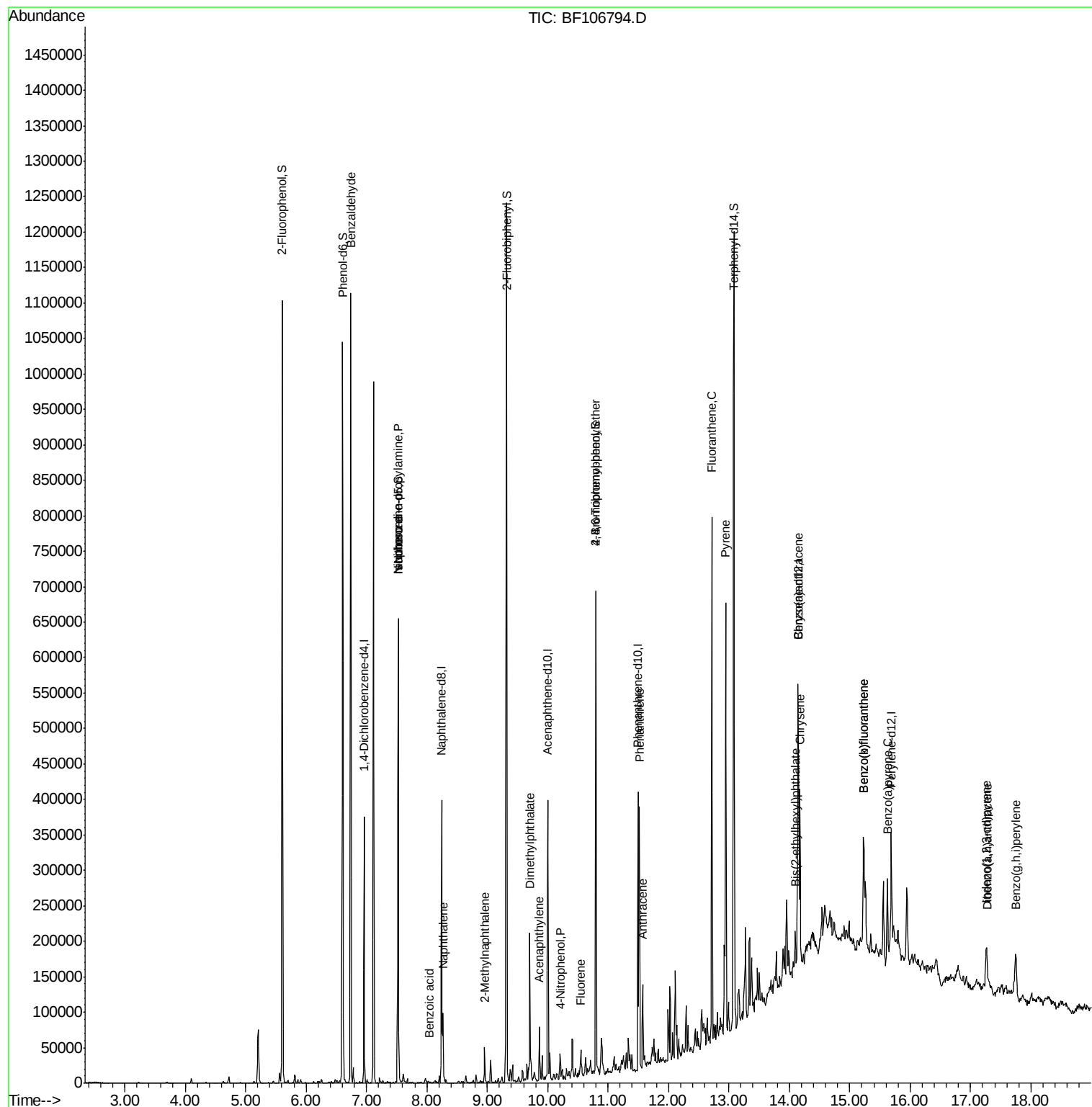
Target Compounds				Qvalue		
9) Benzaldehyde	6.74	77	6974	2.191	ng	87
19) n-Nitroso-di-n-propylamine	7.52	70	30598	12.250	ng	# 72
20) 3+4-Methylphenols	7.38	107	506	Below Cal	#	71
25) Isophorone	7.52	82	238108	41.623	ng	# 64
31) Naphthalene	8.27	128	36638	4.344	ng	99
32) Benzoic acid	8.04	122	107	5.785	ng	# 1
37) 2-Methylnaphthalene	8.96	142	16071	2.875	ng	93
48) Acenaphthylene	9.87	152	32060	4.086	ng	99
49) Dimethylphthalate	9.71	163	75181	12.652	ng	98
55) 4-Nitrophenol	10.21	139	4192	4.148	ng	# 13
57) Fluorene	10.55	166	12436	2.316	ng	# 98
66) 4-Bromophenyl-phenylether	10.80	248	6343	3.601	ng	# 1
70) Phenanthrene	11.52	178	141403	19.862	ng	98
71) Anthracene	11.57	178	44857	6.173	ng	98
74) Fluoranthene	12.72	202	299318	38.145	ng	95
77) Pyrene	12.95	202	247921	31.558	ng	99
80) Benzo(a)anthracene	14.14	228	77493	10.673	ng	93
82) Chrysene	14.18	228	105518	15.796	ng	98
83) Bis(2-ethylhexyl)phthalate	14.10	149	14942	3.618	ng	# 95
85) Indeno(1,2,3-cd)pyrene	17.27	276	40547	7.153	ng	# 86
87) Benzo(b)fluoranthene	15.23	252	128360	23.002	ng	97
88) Benzo(k)fluoranthene	15.23	252	128360	24.154	ng	# 97
89) Benzo(a)pyrene	15.62	252	57097	11.510	ng	95
90) Dibenzo(a,h)anthracene	17.28	278	11171	2.657	ng	# 84
91) Benzo(g,h,i)perylene	17.75	276	49502	12.046	ng	# 87

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

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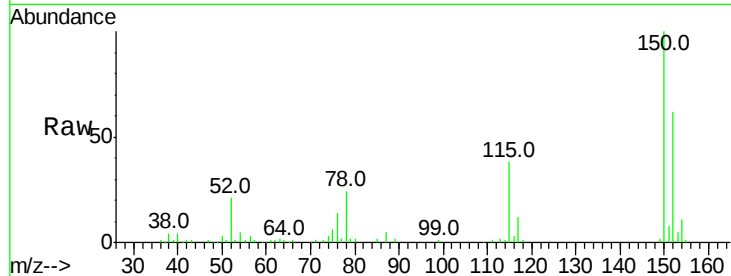


#1

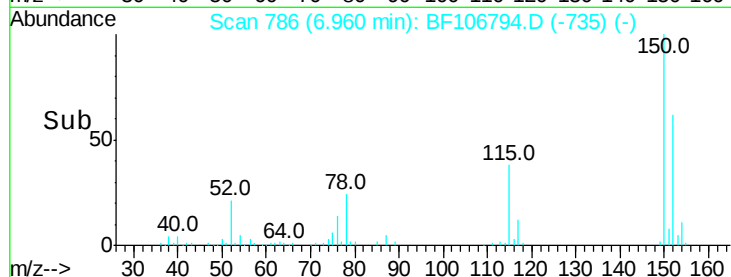
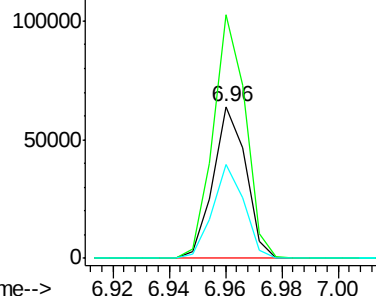
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106794.D
Acq: 26 Jun 2018 1:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.3	124.6	186.8
115	61.6	50.1	75.1



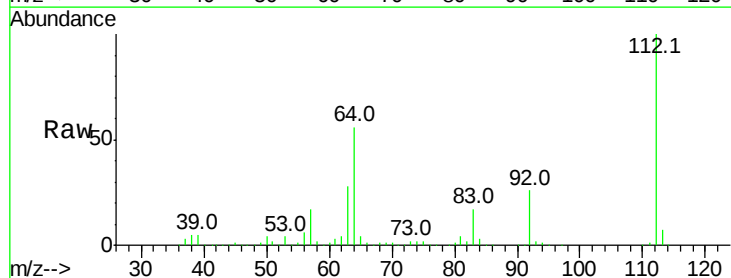
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



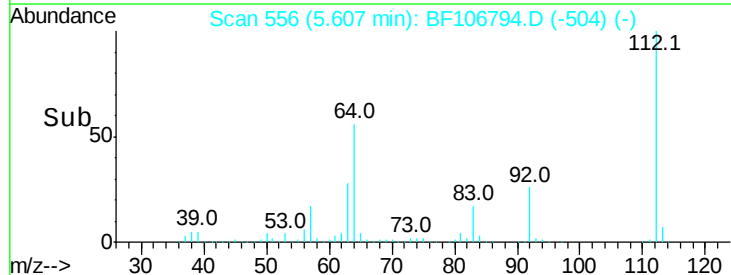
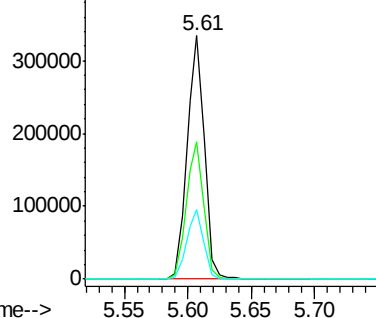
#5

2-Fluorophenol
Concen: 105.718 ng
RT: 5.61 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF106794.D
Acq: 26 Jun 2018 1:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.5	47.9	71.9
63	28.3	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: 103.467 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF106794.D

Acq: 26 Jun 2018 1:25

Instrument :

BNA_F

ClientSampled :

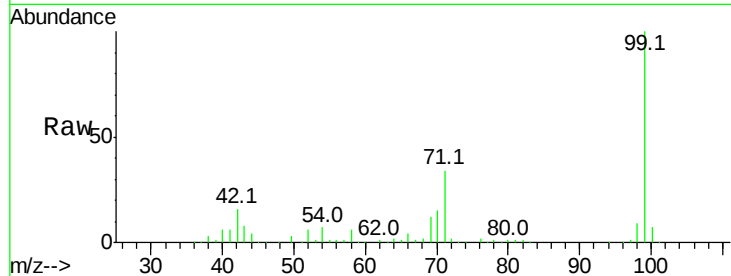
Tot Ion: 99 Resp: 392081

Ion Ratio Lower Upper

99 100

42 16.0 14.5 21.7

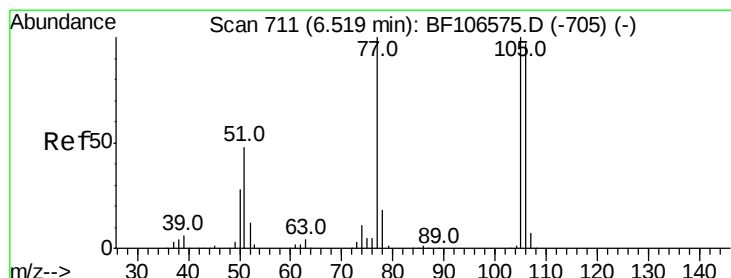
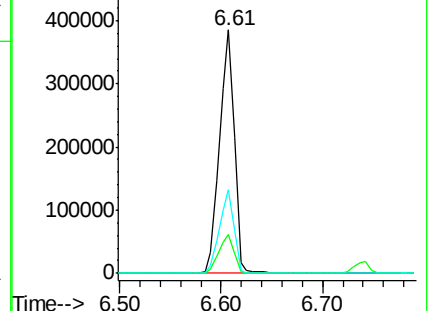
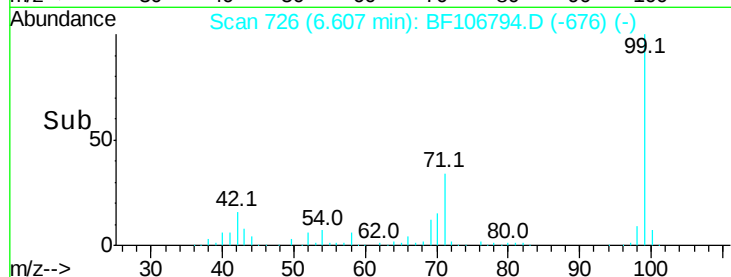
71 34.2 25.4 38.0



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



#9

Benzaldehyde

Concen: 2.191 ng

RT: 6.74 min Scan# 749

Delta R.T. 0.22 min

Lab File: BF106794.D

Acq: 26 Jun 2018 1:25

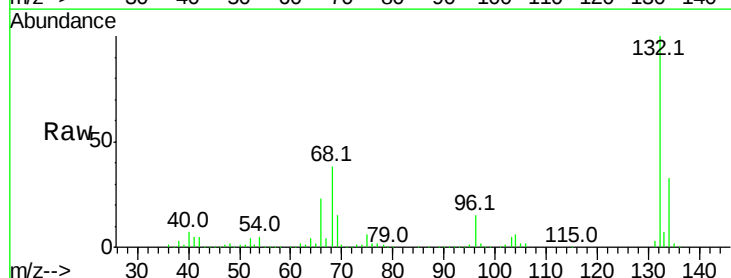
Tgt Ion: 77 Resp: 6974

Ion Ratio Lower Upper

77 100

105 83.2 81.1 121.1

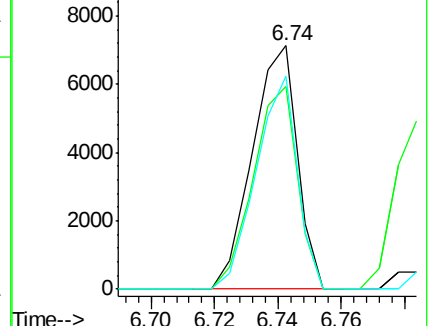
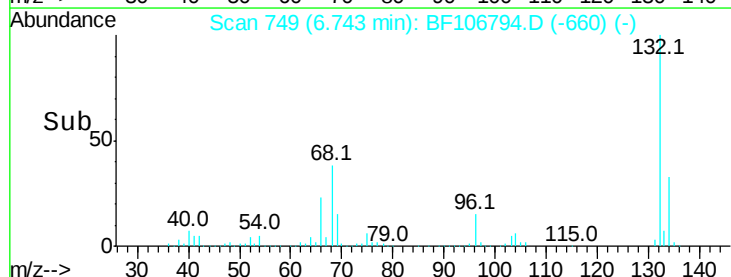
106 87.5 74.5 114.5

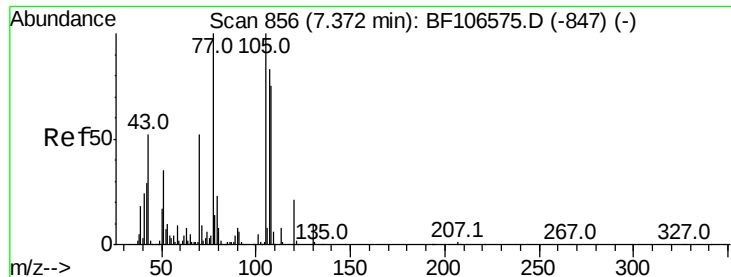


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

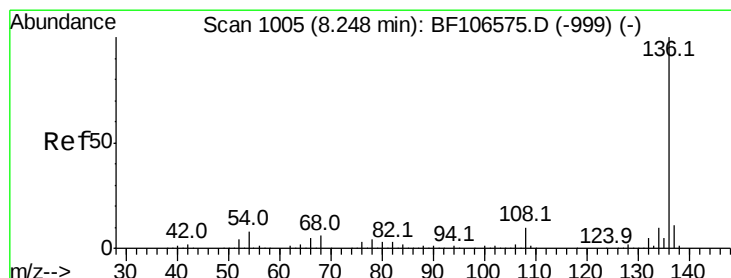
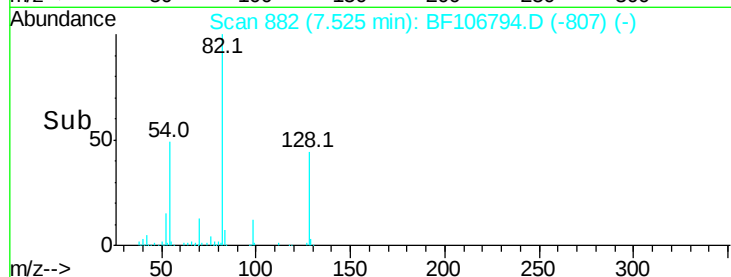
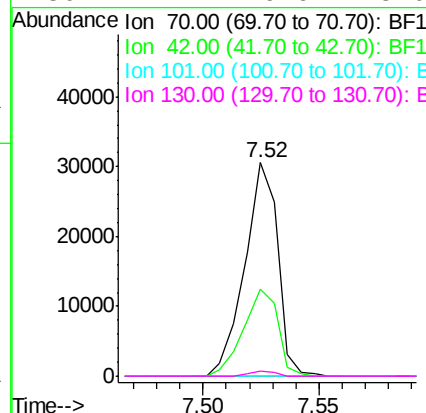
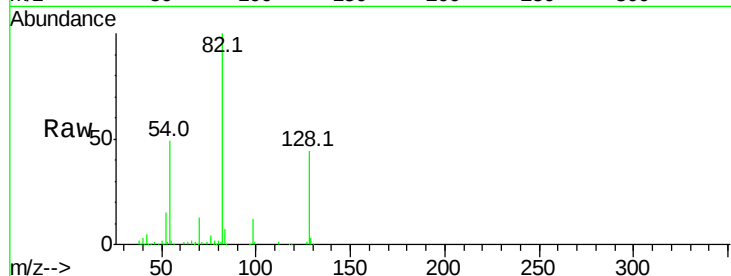




#19
n-Nitroso-di-n-propylamine
Concen: 12.250 ng
RT: 7.52 min Scan# 882
Delta R.T. 0.14 min
Lab File: BF106794.D
Acq: 26 Jun 2018 1:25

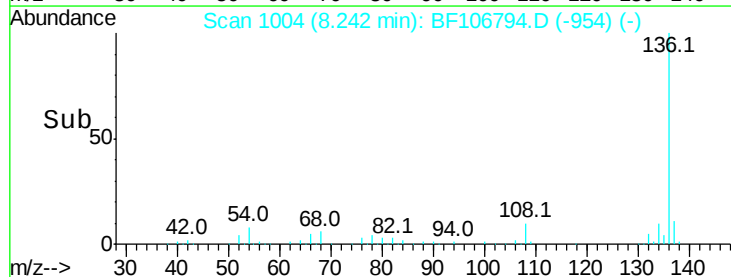
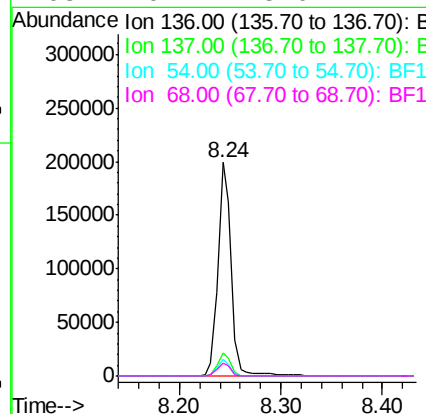
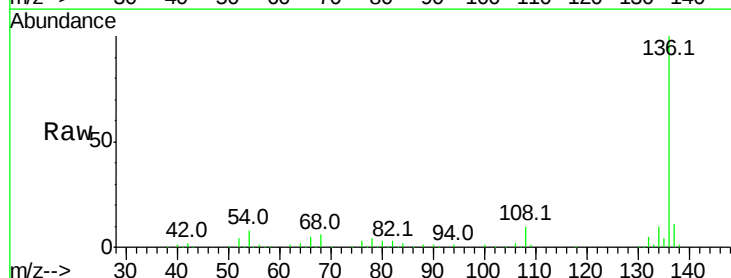
Instrument :
BNA_F
ClientSampled :

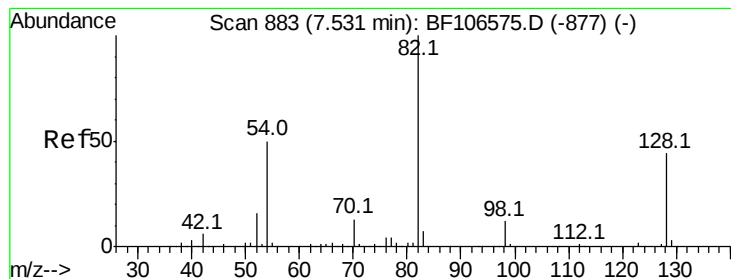
Tot Ion: 70 Resp: 30598
Ion Ratio Lower Upper
70 100
42 40.6 47.5 71.3#
101 0.0 7.4 11.2#
130 2.4 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106794.D
Acq: 26 Jun 2018 1:25

Tgt Ion: 136 Resp: 180411
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 8.0 6.6 9.8
68 6.2 5.0 7.4





#23

Nitrobenzene-d5

Concen: 73.348 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF106794.D

Acq: 26 Jun 2018 1:25

Instrument :

BNA_F

ClientSampleId :

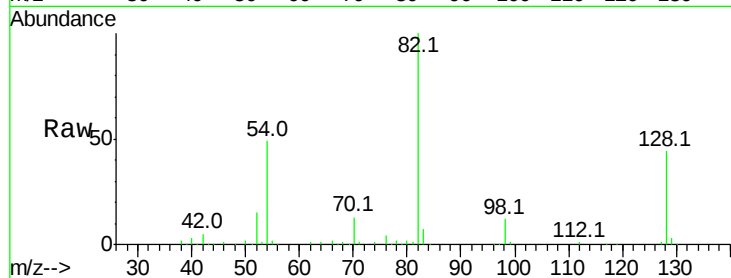
Tot Ion: 82 Resp: 238112

Ion Ratio Lower Upper

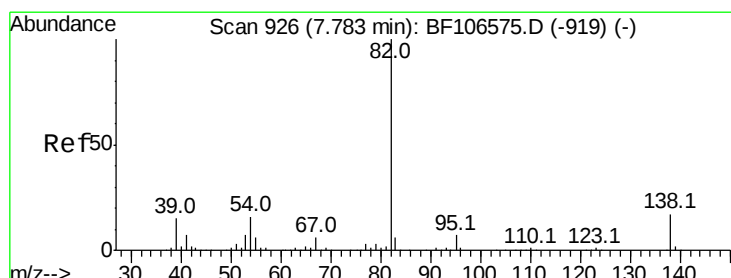
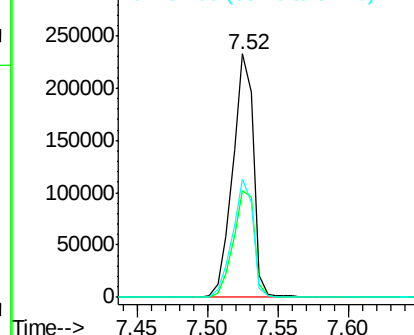
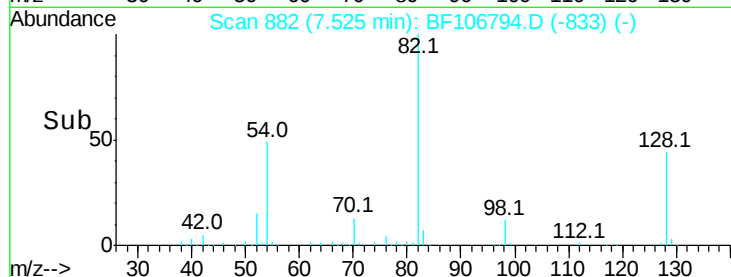
82 100

128 44.0 36.1 54.1

54 48.8 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: 41.623 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.26 min

Lab File: BF106794.D

Acq: 26 Jun 2018 1:25

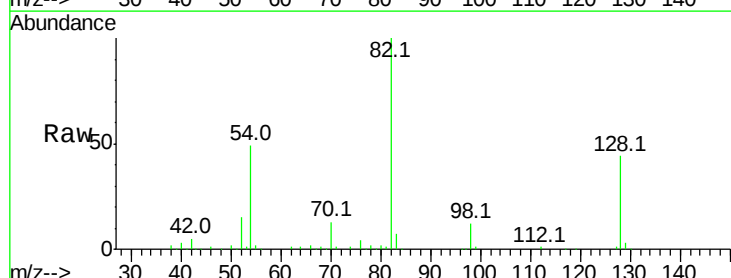
Tgt Ion: 82 Resp: 238108

Ion Ratio Lower Upper

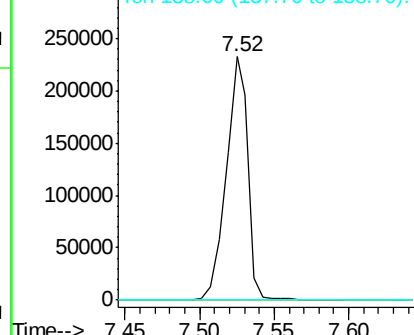
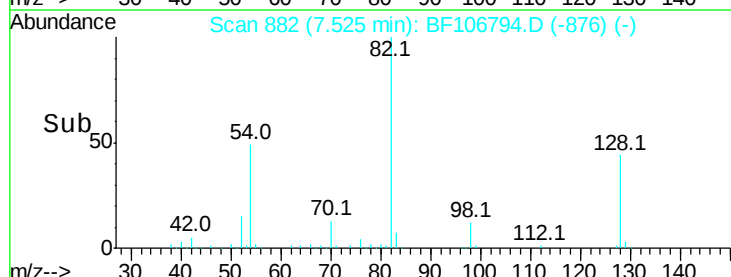
82 100

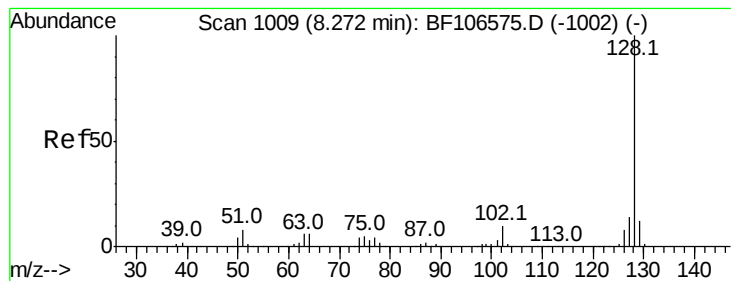
95 0.0 5.2 7.8#

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: 4.344 ng

RT: 8.27 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF106794.D

Acq: 26 Jun 2018 1:25

Instrument :

BNA_F

ClientSampleId :

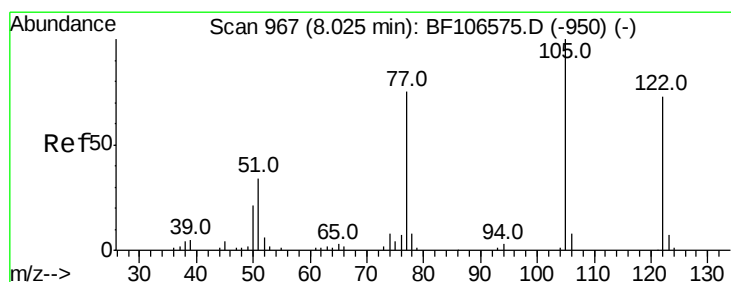
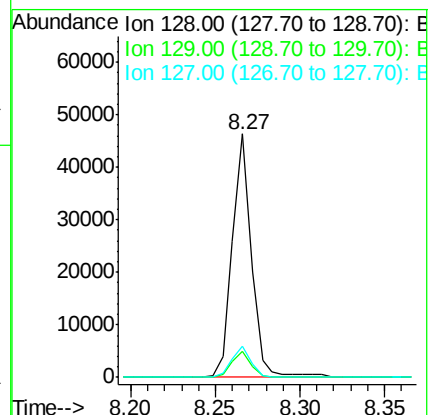
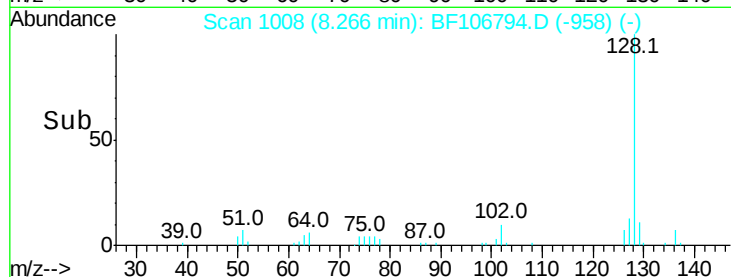
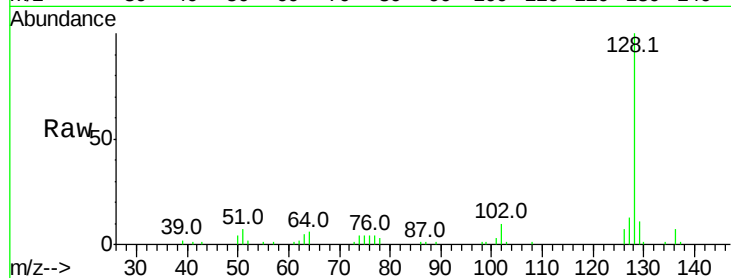
Tot Ion:128 Resp: 36638

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

127 12.7 10.9 16.3



#32

Benzoic acid

Concen: 5.785 ng

RT: 8.04 min Scan# 969

Delta R.T. -0.01 min

Lab File: BF106794.D

Acq: 26 Jun 2018 1:25

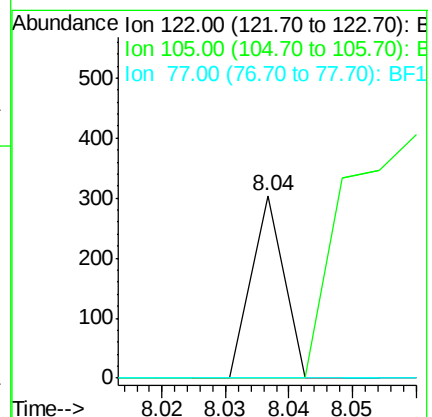
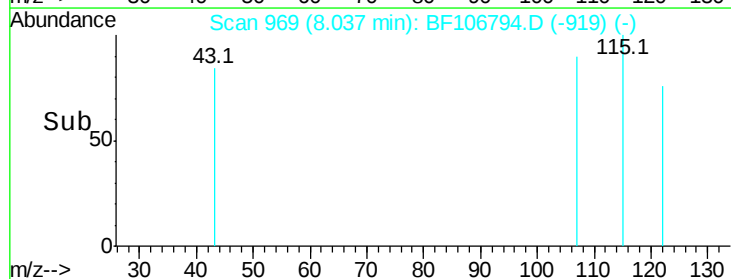
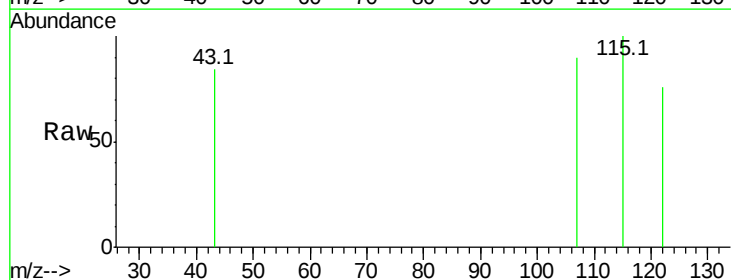
Tgt Ion:122 Resp: 107

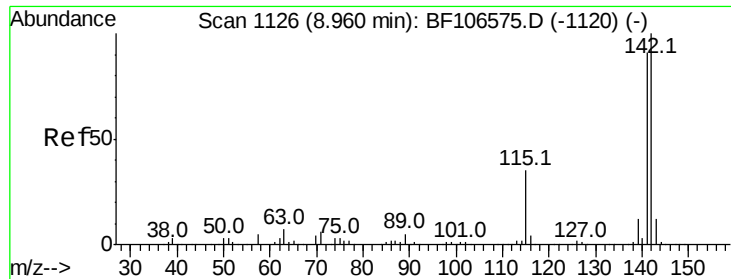
Ion Ratio Lower Upper

122 100

105 0.0 101.1 141.1#

77 0.0 70.7 110.7#

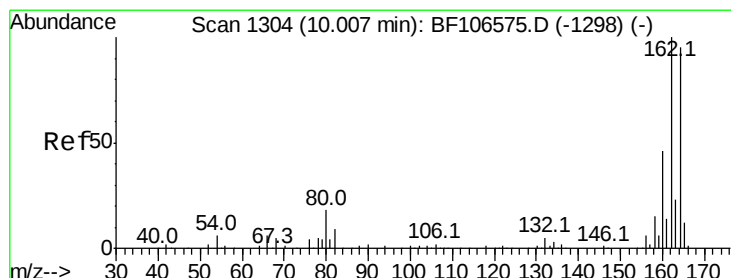
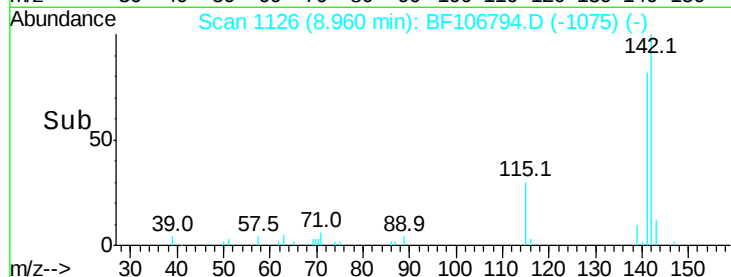
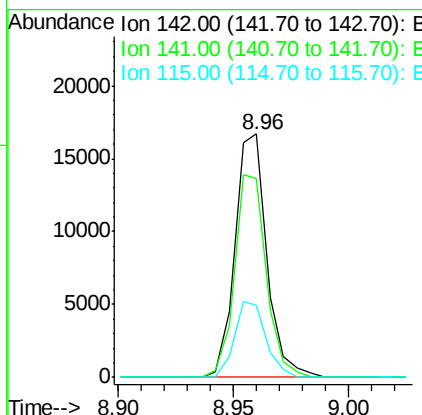
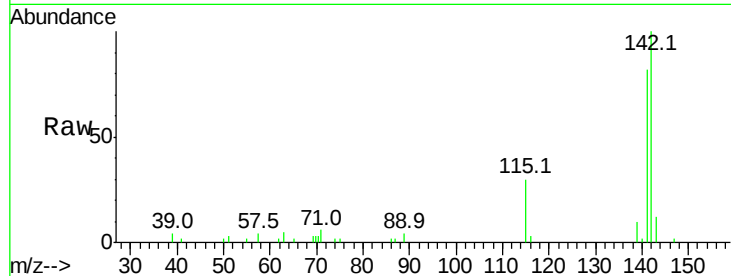




#37
2-Methylnaphthalene
Concen: 2.875 ng
RT: 8.96 min Scan# 1126
Delta R.T. 0.00 min
Lab File: BF106794.D
Acq: 26 Jun 2018 1:25

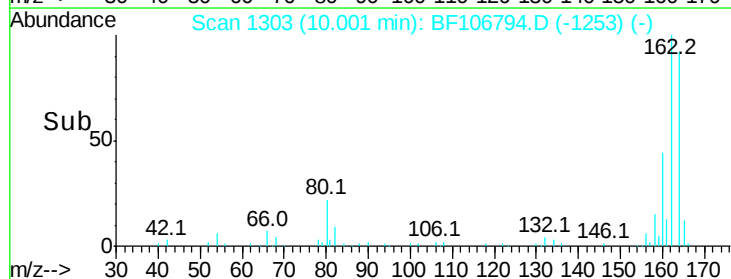
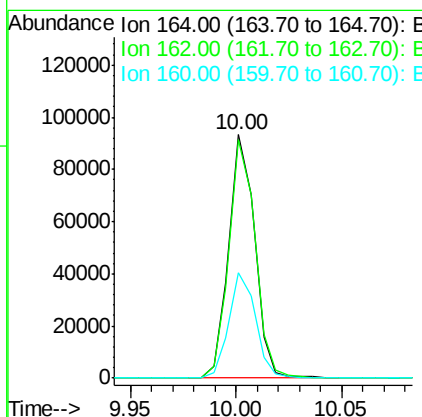
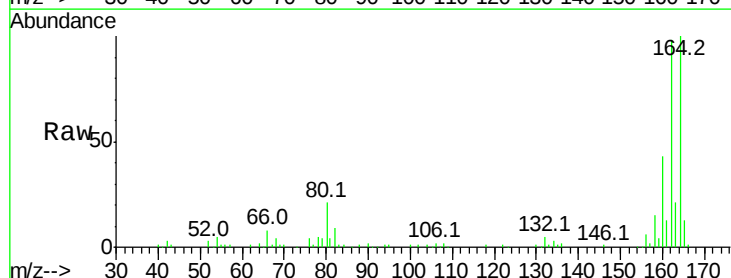
Instrument :
BNA_F
ClientSampleId :

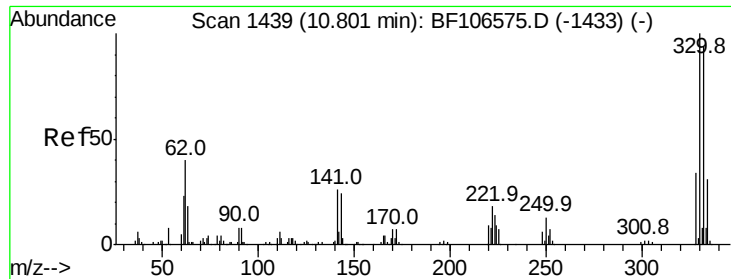
Tot Ion:142 Resp: 16071
Ion Ratio Lower Upper
142 100
141 81.7 70.8 106.2
115 29.6 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF106794.D
Acq: 26 Jun 2018 1:25

Tgt Ion:164 Resp: 79230
Ion Ratio Lower Upper
164 100
162 98.0 86.1 129.1
160 43.2 38.3 57.5

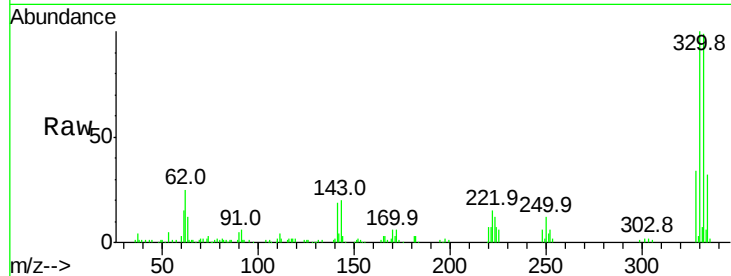




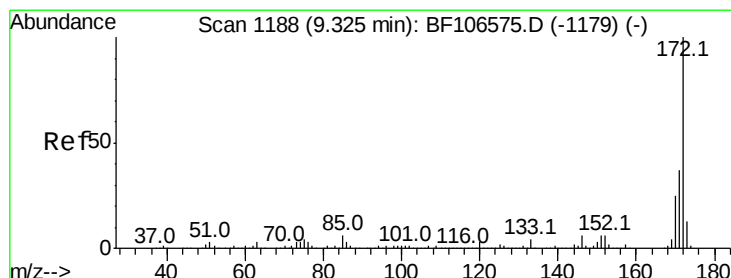
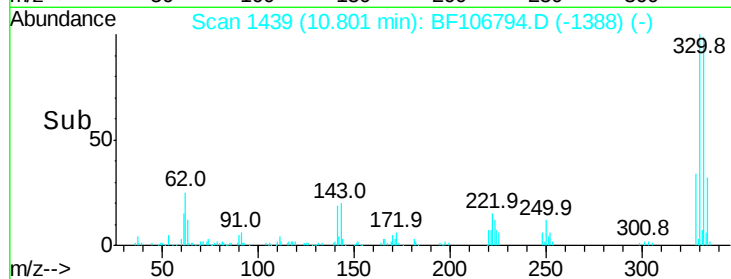
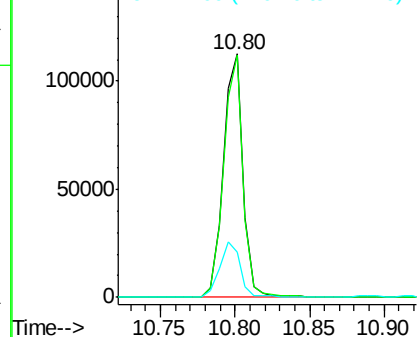
#41
 2,4,6-Tribromophenol
 Concen: 113.543 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF106794.D
 Acq: 26 Jun 2018 1:25

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.0	115.6
141	24.2	29.9	44.9#

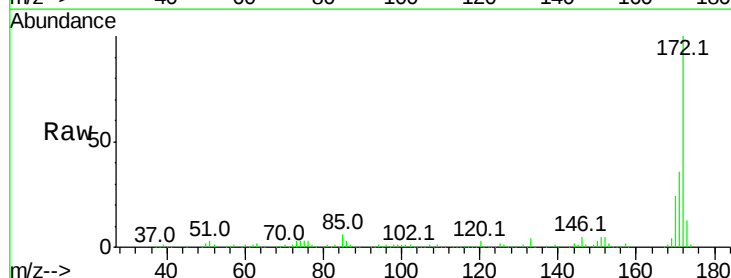


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

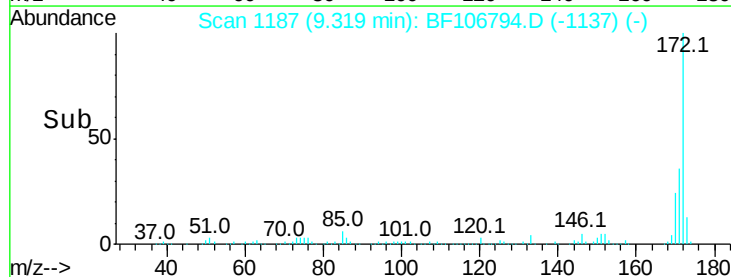
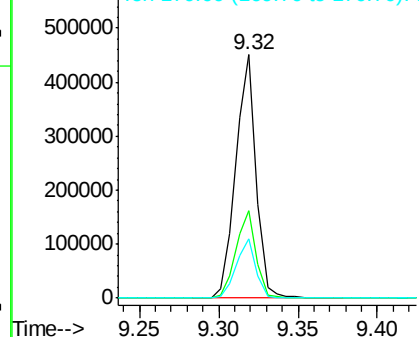


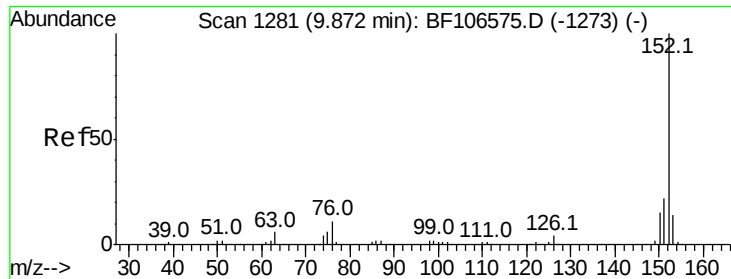
#44
 2-Fluorobiphenyl
 Concen: 85.656 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106794.D
 Acq: 26 Jun 2018 1:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.3	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





#48

Acenaphthylene

Concen: 4.086 ng

RT: 9.87 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BF106794.D

Acq: 26 Jun 2018 1:25

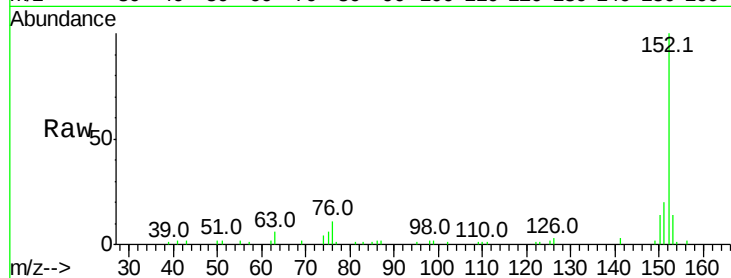
Instrument :

BNA_F

ClientSampled :

Tot Ion:152 Resp: 32060

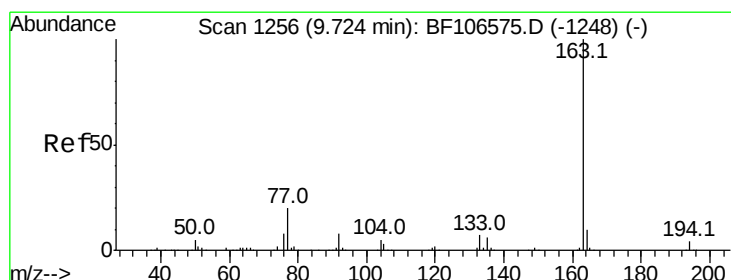
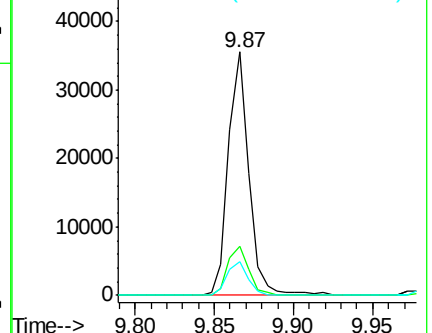
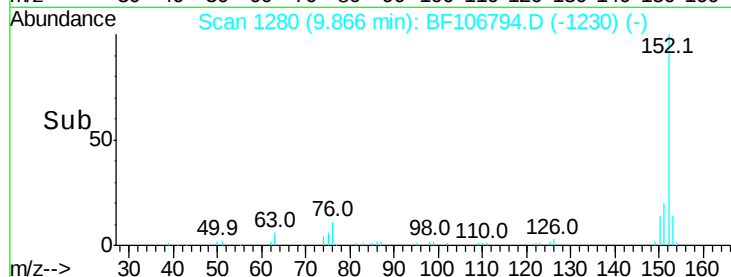
Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.3	24.5
153	14.1	10.7	16.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 12.652 ng

RT: 9.71 min Scan# 1253

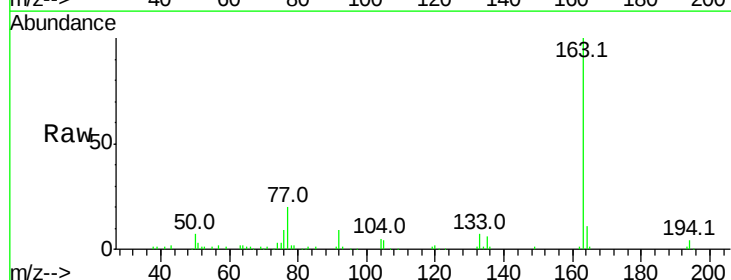
Delta R.T. -0.02 min

Lab File: BF106794.D

Acq: 26 Jun 2018 1:25

Tgt Ion:163 Resp: 75181

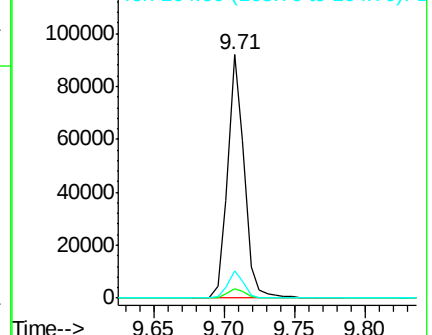
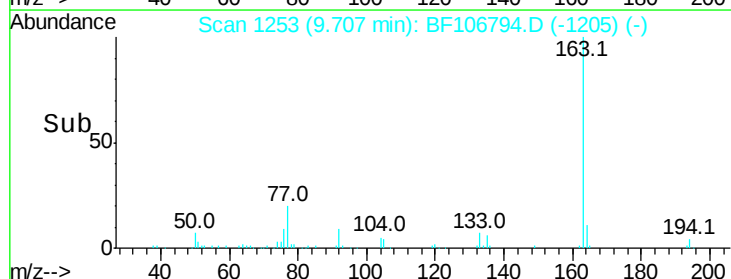
Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	11.1	8.2	12.2

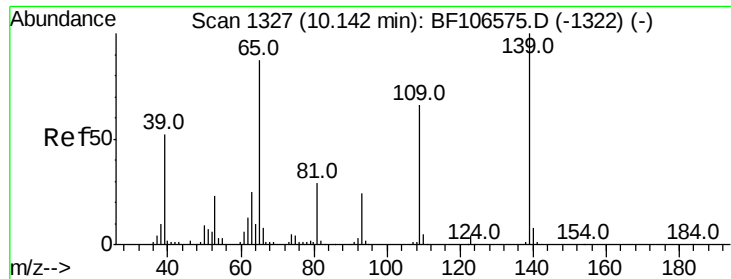


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

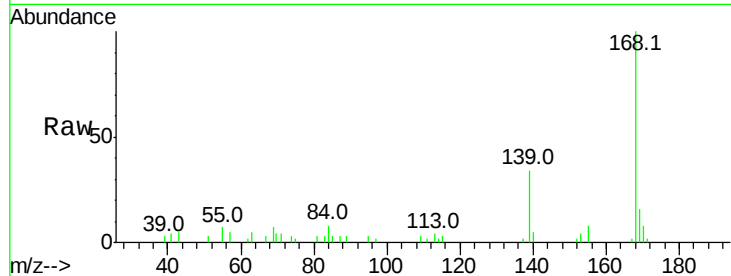




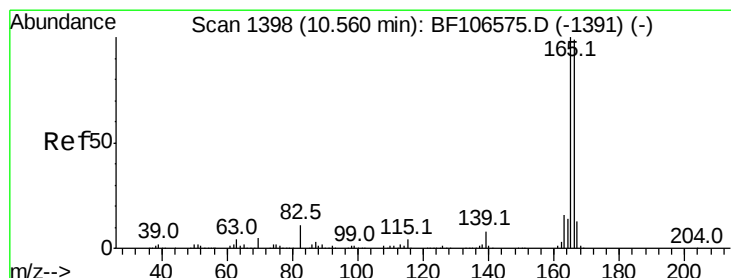
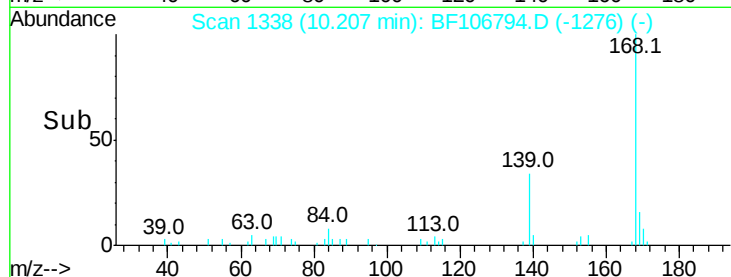
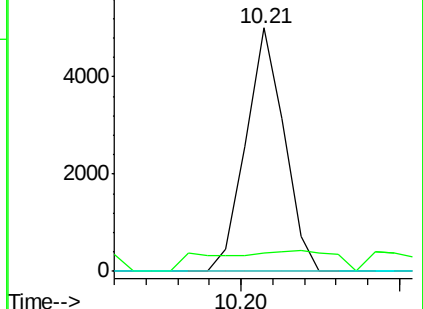
#55
4-Nitrophenol
Concen: 4.148 ng
RT: 10.21 min Scan# 1338
Delta R.T. 0.06 min
Lab File: BF106794.D
Acq: 26 Jun 2018 1:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 4192
Ion Ratio Lower Upper
139 100
109 7.6 48.4 88.4#
65 0.0 72.6 112.6#

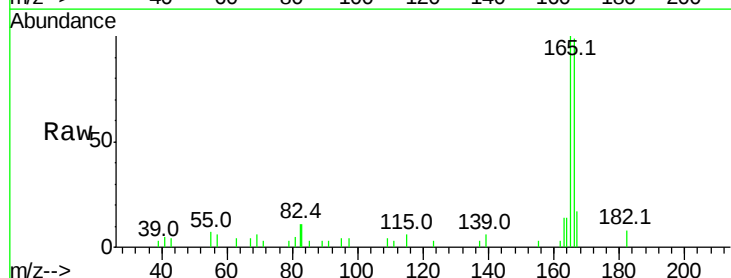


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

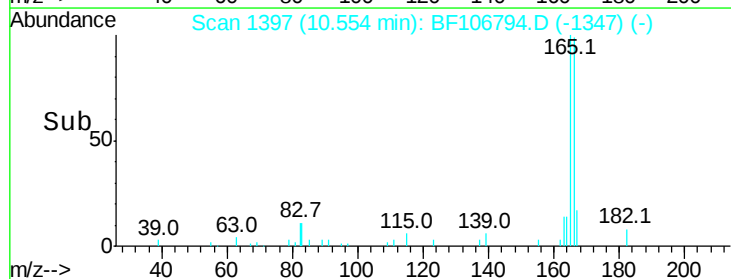
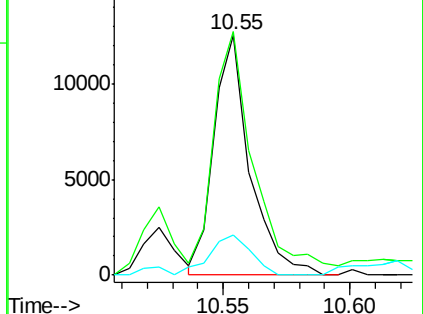


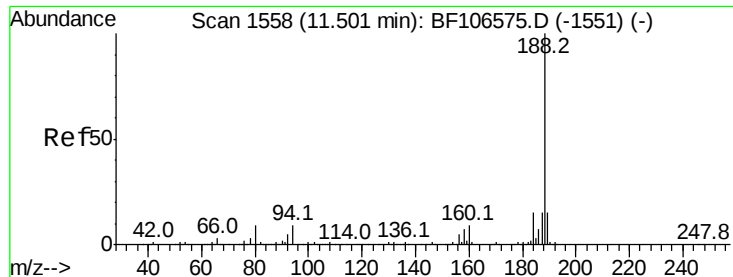
#57
Fluorene
Concen: 2.316 ng
RT: 10.55 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF106794.D
Acq: 26 Jun 2018 1:25

Tgt Ion:166 Resp: 12436
Ion Ratio Lower Upper
166 100
165 101.4 79.8 119.8
167 16.8 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

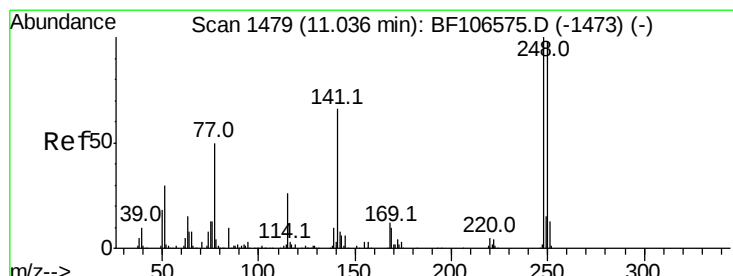
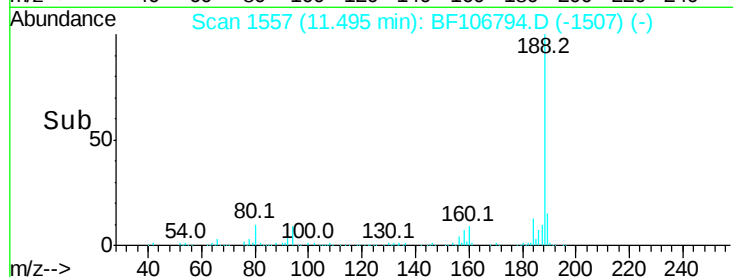
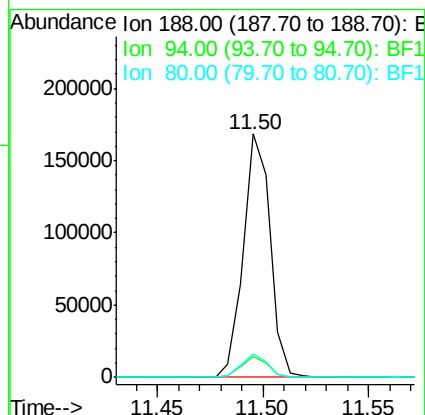
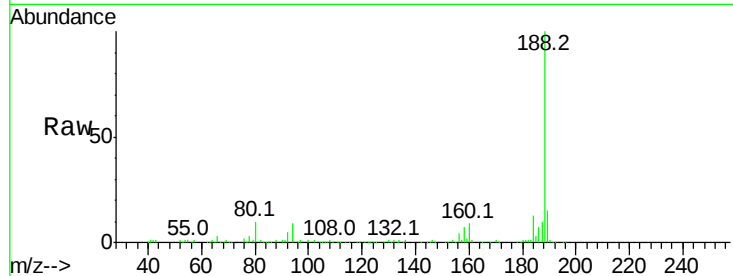




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106794.D
Acq: 26 Jun 2018 1:25

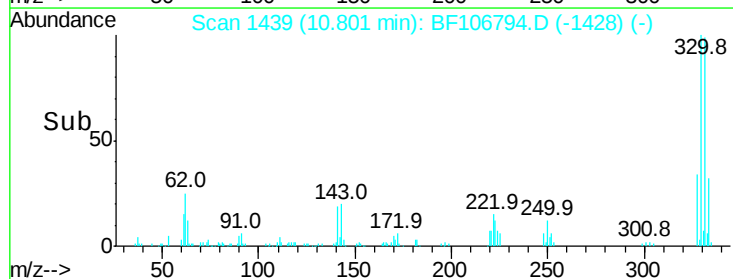
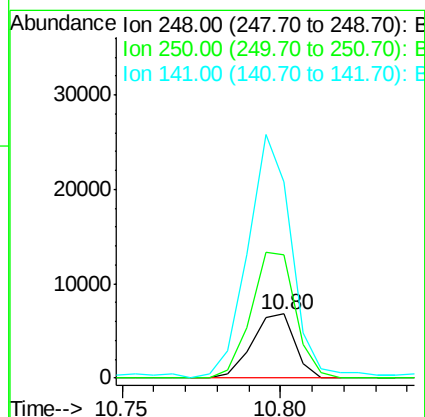
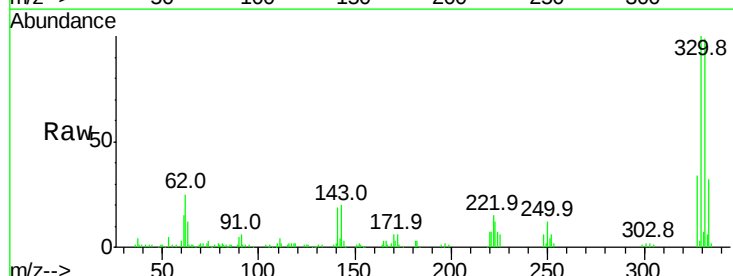
Instrument :
BNA_F
ClientSampled :

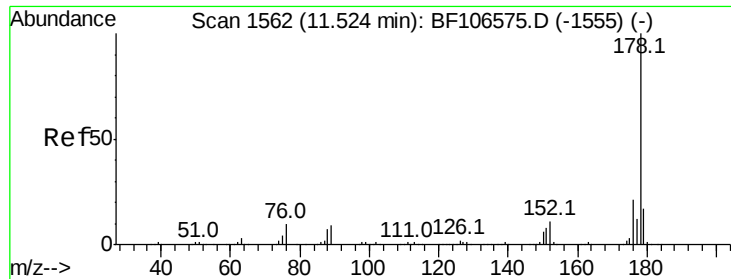
Tot Ion:188 Resp: 147605
Ion Ratio Lower Upper
188 100
94 8.8 8.5 12.7
80 9.7 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 3.601 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.24 min
Lab File: BF106794.D
Acq: 26 Jun 2018 1:25

Tgt Ion:248 Resp: 6343
Ion Ratio Lower Upper
248 100
250 194.1 76.9 115.3#
141 308.2 74.4 111.6#

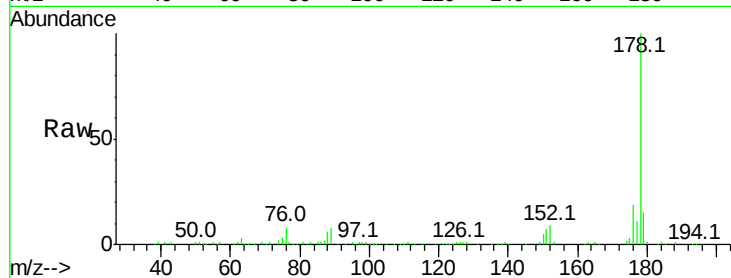




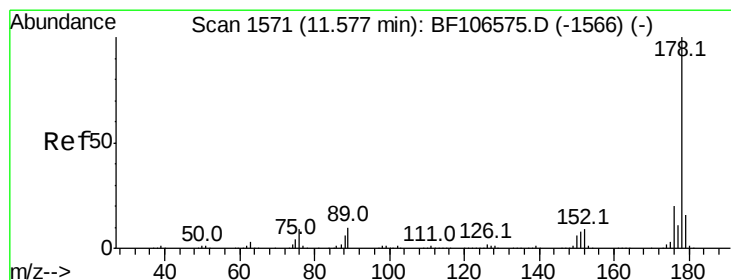
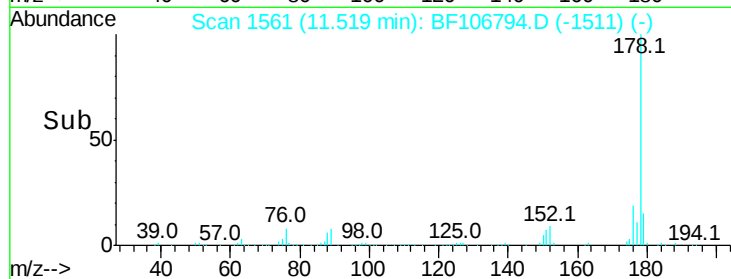
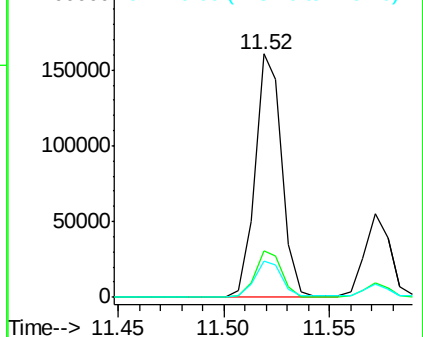
#70
Phenanthrene
Concen: 19.862 ng
RT: 11.52 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF106794.D
Acq: 26 Jun 2018 1:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 141403
Ion Ratio Lower Upper
178 100
176 19.1 15.8 23.8
179 15.0 13.0 19.6

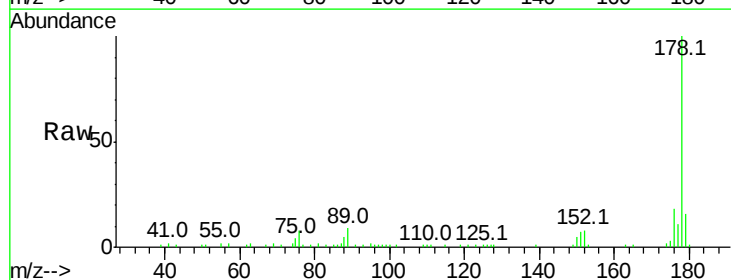


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

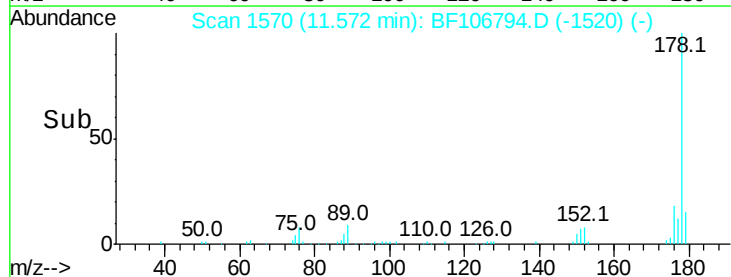
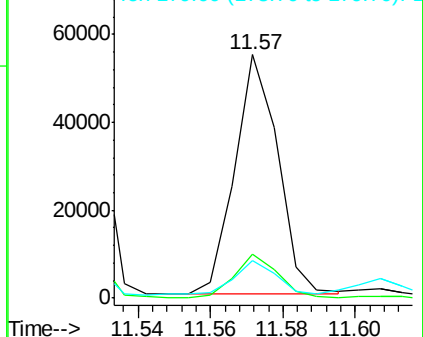


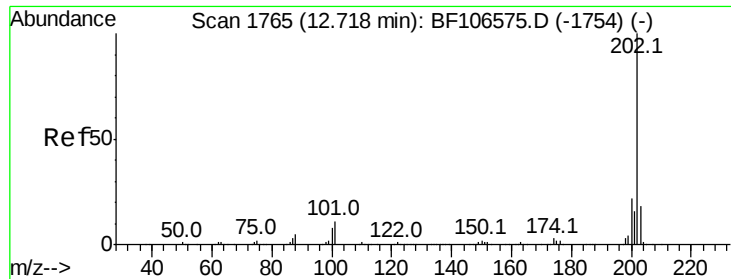
#71
Anthracene
Concen: 6.173 ng
RT: 11.57 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF106794.D
Acq: 26 Jun 2018 1:25

Tgt Ion:178 Resp: 44857
Ion Ratio Lower Upper
178 100
176 17.9 15.4 23.2
179 15.5 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: 38.145 ng

RT: 12.72 min Scan# 1765

Delta R.T. 0.00 min

Lab File: BF106794.D

Acq: 26 Jun 2018 1:25

Instrument :

BNA_F

ClientSampleId :

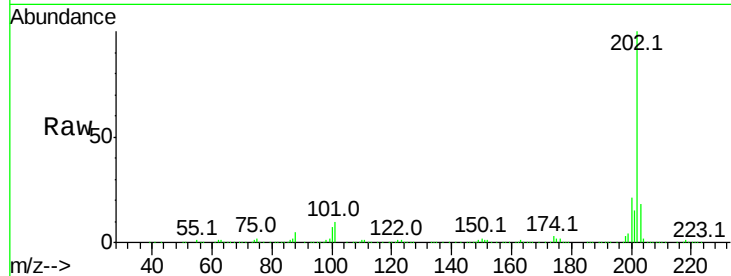
Tot Ion:202 Resp: 299318

Ion Ratio Lower Upper

202 100

101 10.2 0.0 34.1

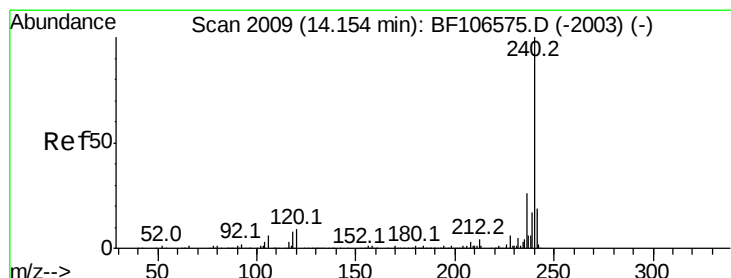
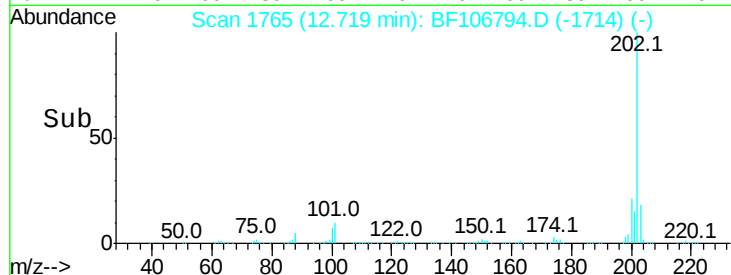
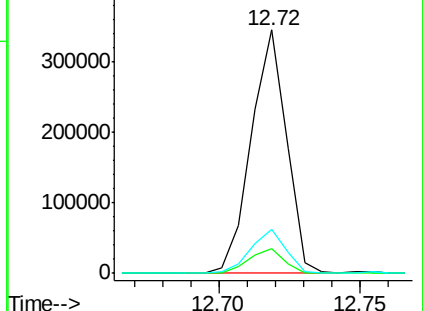
203 17.8 0.0 38.1



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: 14.15 min Scan# 2008

Delta R.T. -0.02 min

Lab File: BF106794.D

Acq: 26 Jun 2018 1:25

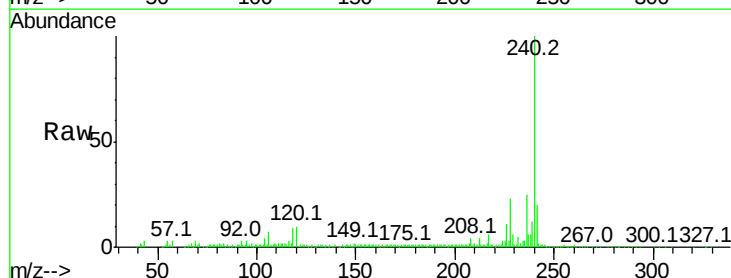
Tgt Ion:240 Resp: 119133

Ion Ratio Lower Upper

240 100

120 10.1 9.5 14.3

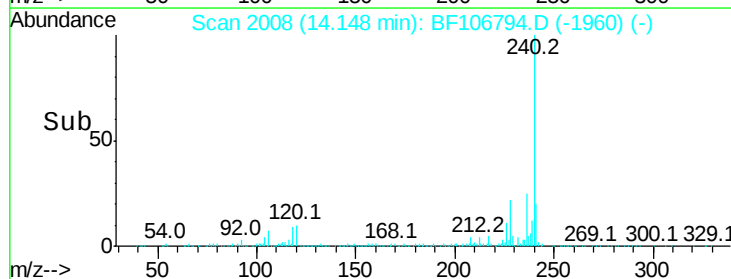
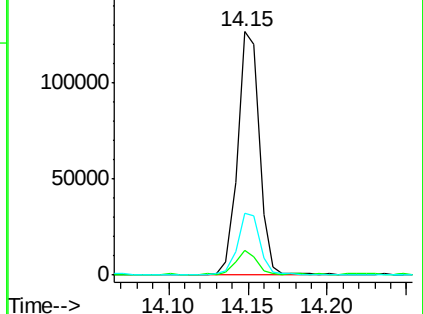
236 25.4 20.7 31.1

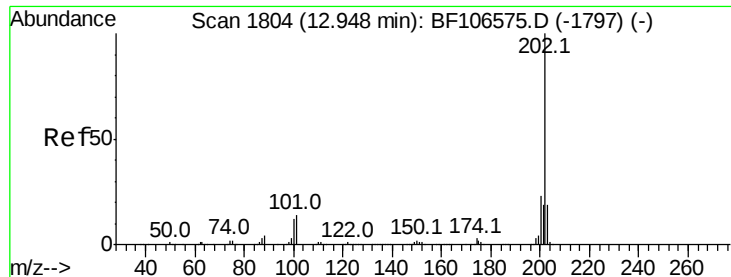


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 31.558 ng

RT: 12.95 min Scan# 1804

Delta R.T. 0.00 min

Lab File: BF106794.D

Acq: 26 Jun 2018 1:25

Instrument :

BNA_F

ClientSampleId :

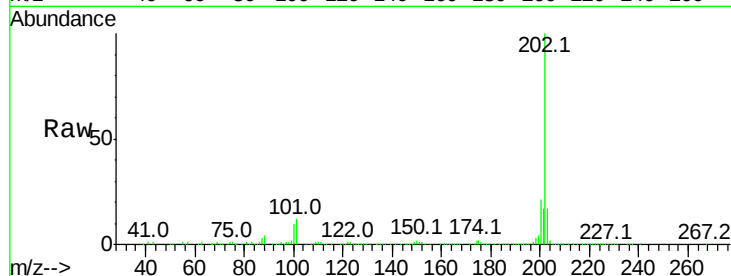
Tot Ion:202 Resp: 247921

Ion Ratio Lower Upper

202 100

200 21.1 17.4 26.2

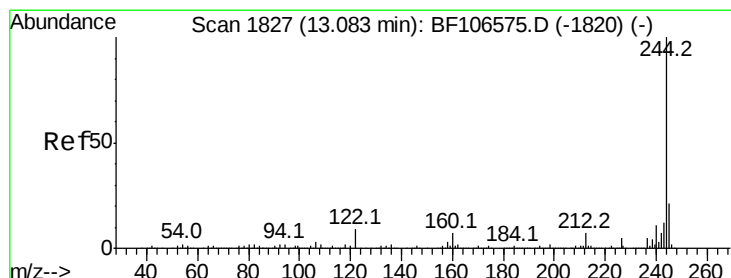
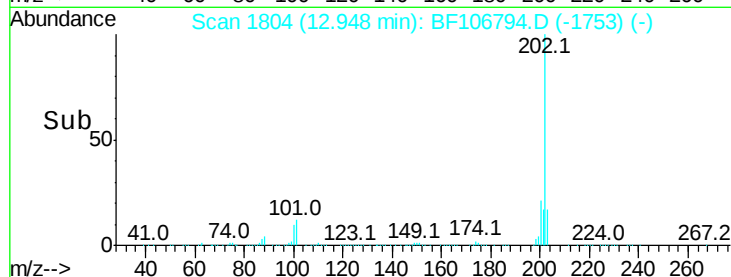
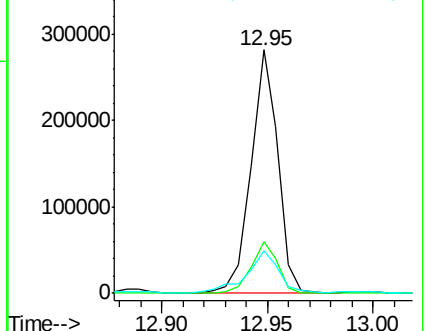
203 17.3 14.3 21.5



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: 84.225 ng

RT: 13.08 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF106794.D

Acq: 26 Jun 2018 1:25

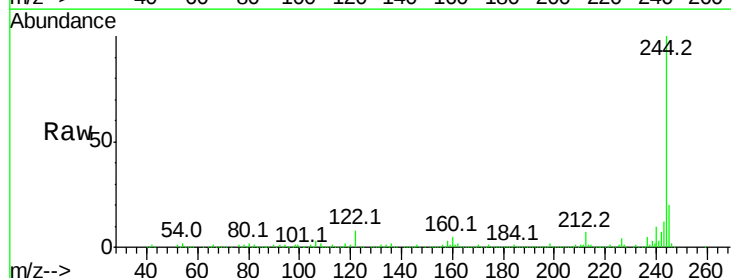
Tgt Ion:244 Resp: 414235

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

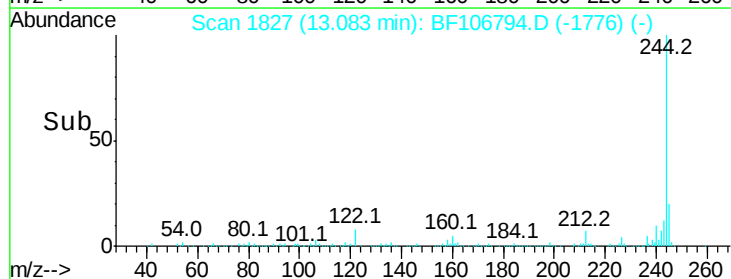
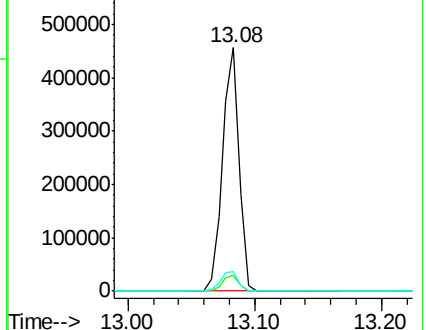
122 8.1 11.0 16.4#

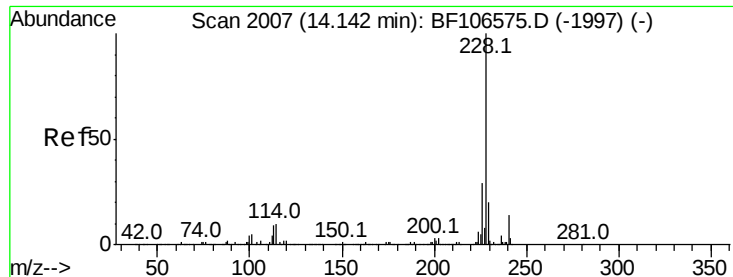


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

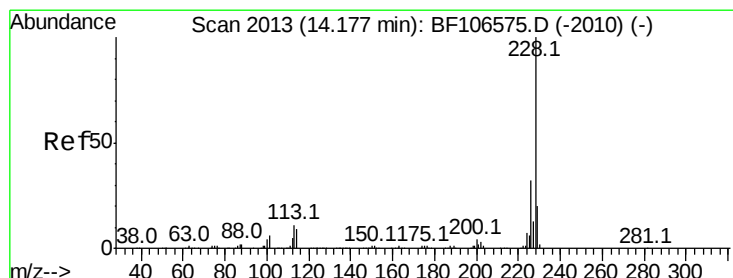
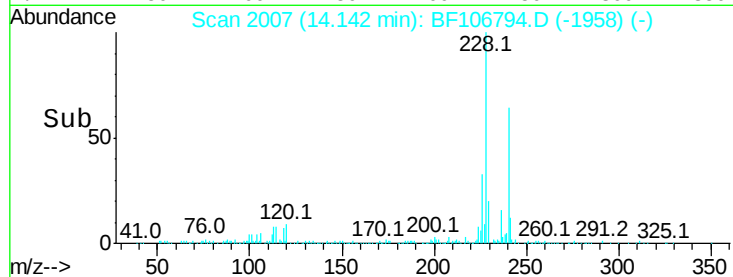
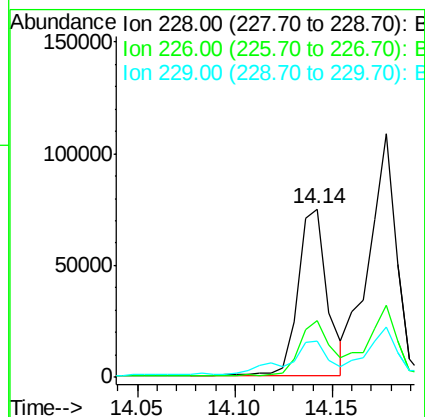
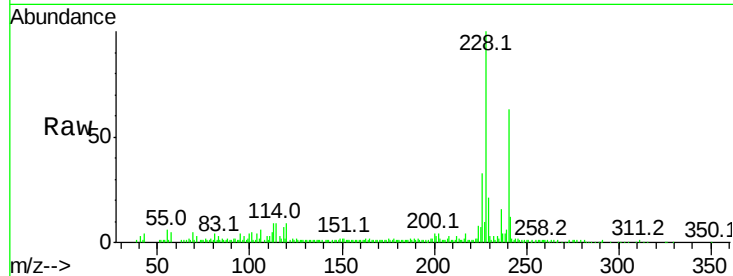




#80
Benzo(a)anthracene
Concen: 10.673 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF106794.D
Acq: 26 Jun 2018 1:25

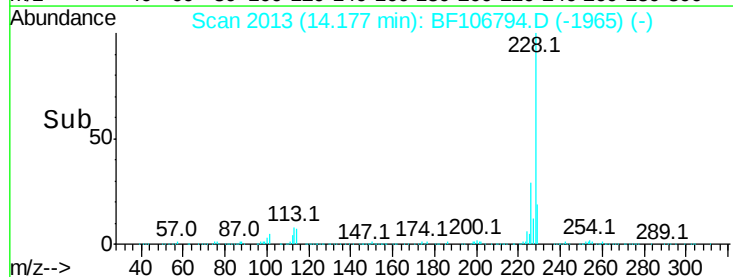
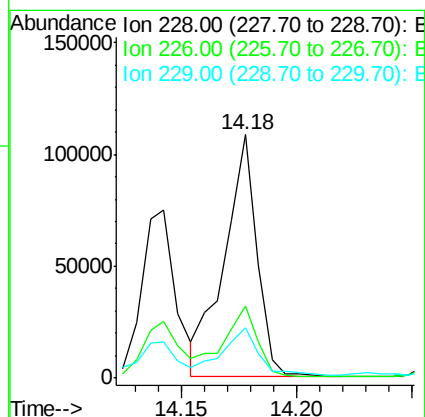
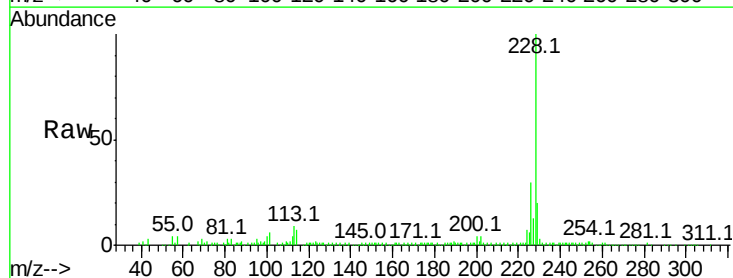
Instrument :
BNA_F
ClientSampleId :

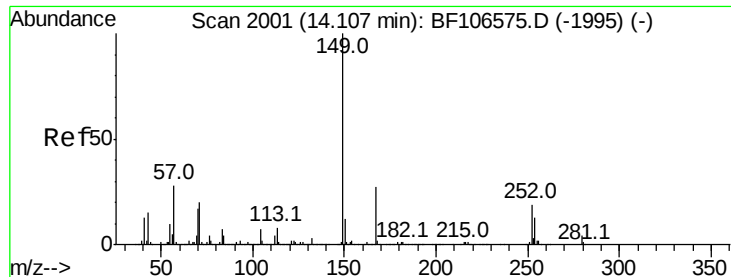
Tot Ion:228 Resp: 77493
Ion Ratio Lower Upper
228 100
226 33.4 22.6 33.8
229 21.3 15.8 23.6



#82
Chrysene
Concen: 15.796 ng
RT: 14.18 min Scan# 2013
Delta R.T. -0.02 min
Lab File: BF106794.D
Acq: 26 Jun 2018 1:25

Tgt Ion:228 Resp: 105518
Ion Ratio Lower Upper
228 100
226 29.8 25.0 37.6
229 20.5 16.2 24.4

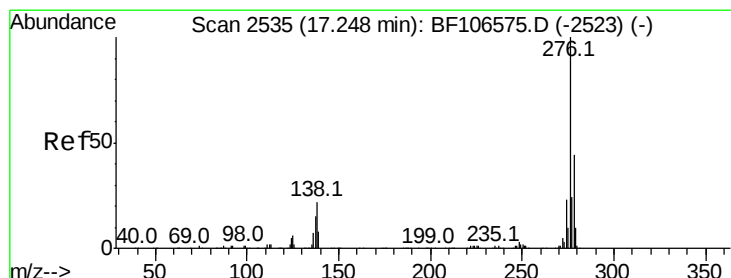
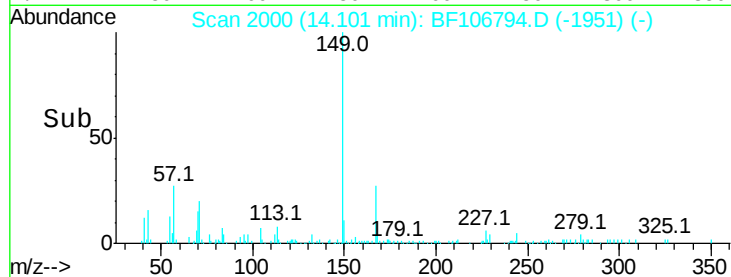
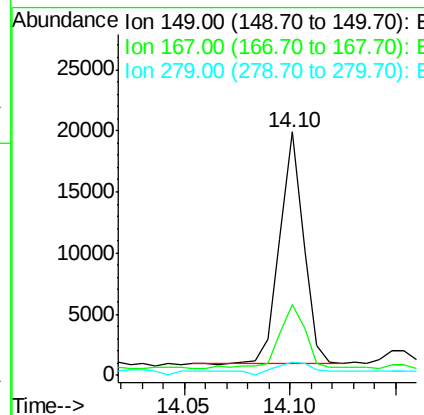
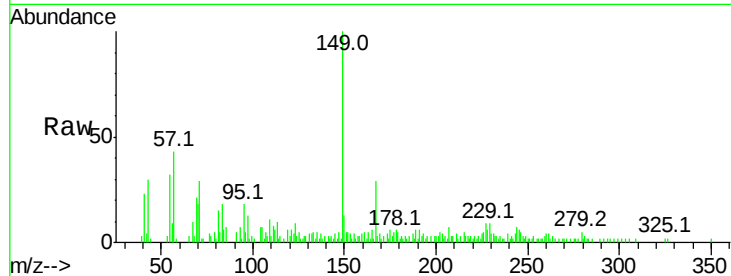




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.618 ng
 RT: 14.10 min Scan# 2000
 Delta R.T. -0.01 min
 Lab File: BF106794.D
 Acq: 26 Jun 2018 1:25

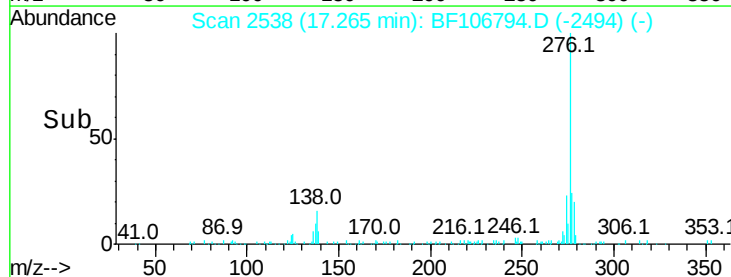
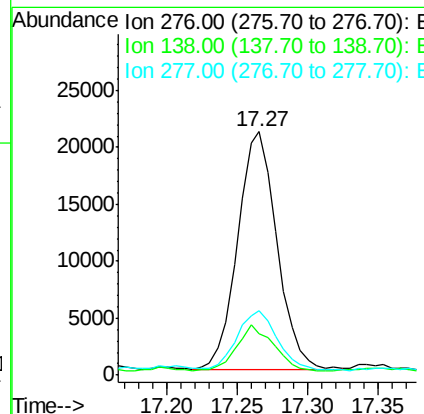
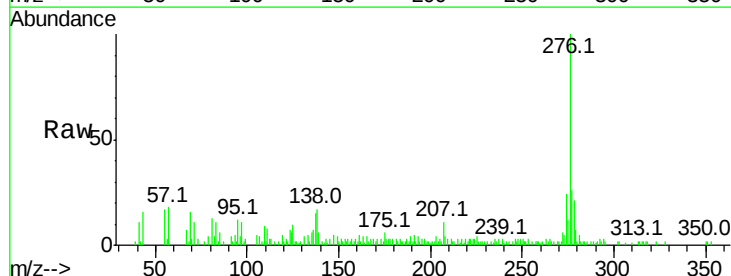
Instrument :
 BNA_F
 ClientSampleId :

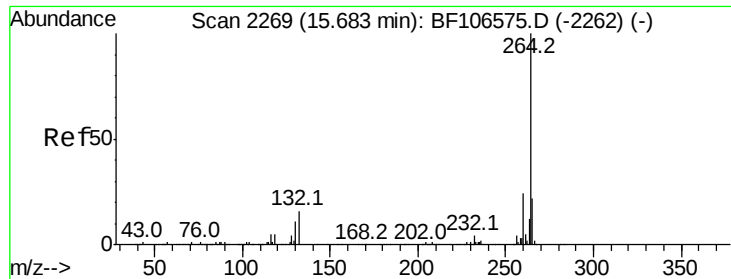
Tot Ion:149 Resp: 14942
 Ion Ratio Lower Upper
 149 100
 167 29.3 21.3 31.9
 279 5.3 3.0 4.4#



#85
 Indeno(1,2,3-cd)pyrene
 Concen: 7.153 ng
 RT: 17.27 min Scan# 2538
 Delta R.T. -0.04 min
 Lab File: BF106794.D
 Acq: 26 Jun 2018 1:25

Tgt Ion:276 Resp: 40547
 Ion Ratio Lower Upper
 276 100
 138 18.2 25.0 37.6#
 277 25.9 20.1 30.1

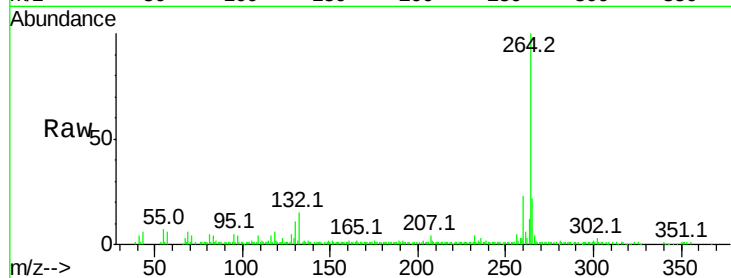




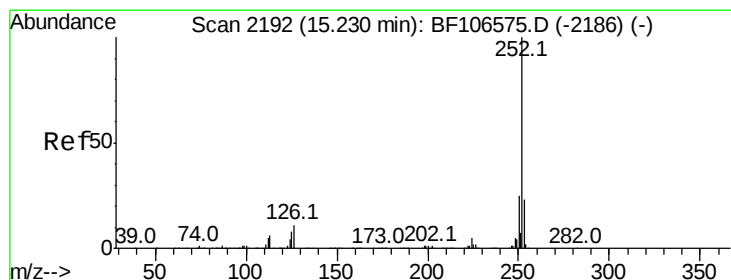
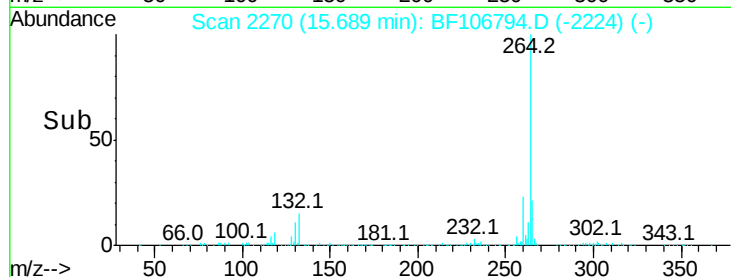
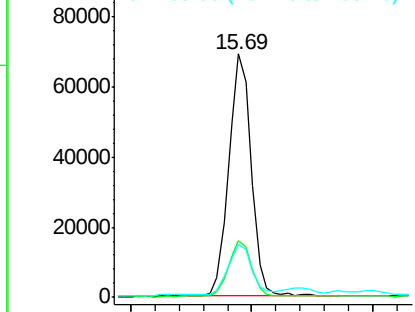
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2270
Delta R.T. -0.03 min
Lab File: BF106794.D
Acq: 26 Jun 2018 1:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.9	17.5	26.3

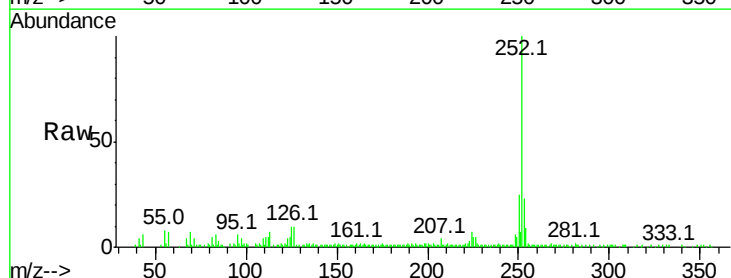


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

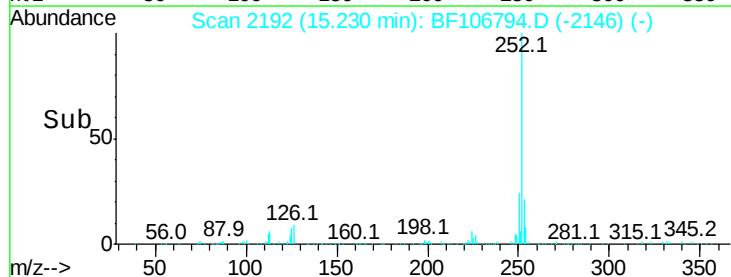
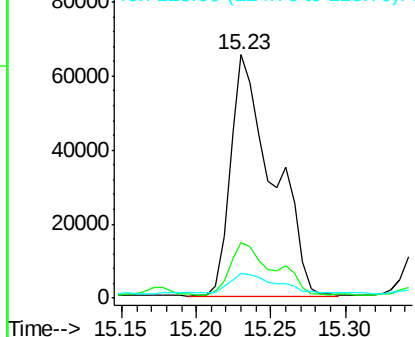


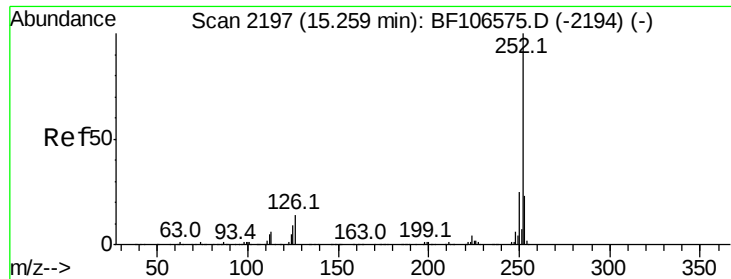
#87
Benzo(b)fluoranthene
Concen: 23.002 ng
RT: 15.23 min Scan# 2192
Delta R.T. -0.03 min
Lab File: BF106794.D
Acq: 26 Jun 2018 1:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.0	25.6
125	10.1	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

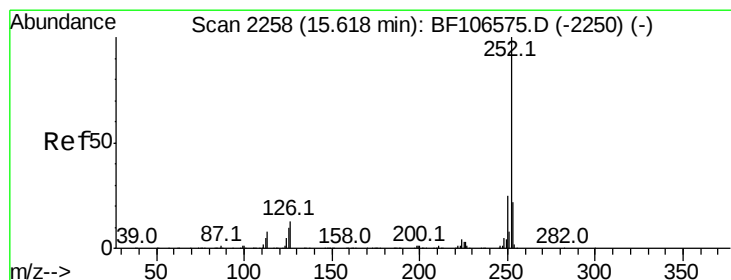
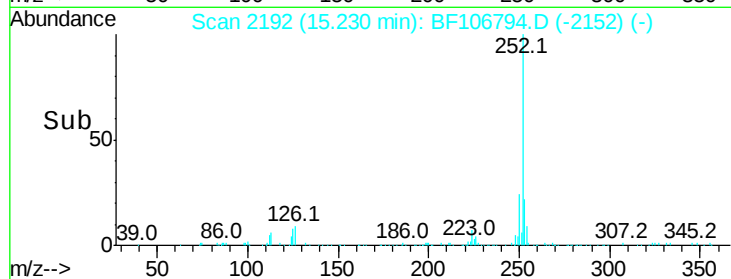
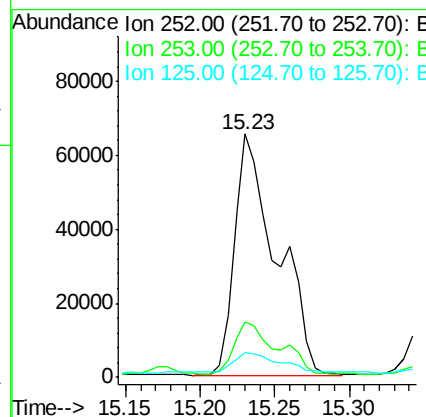
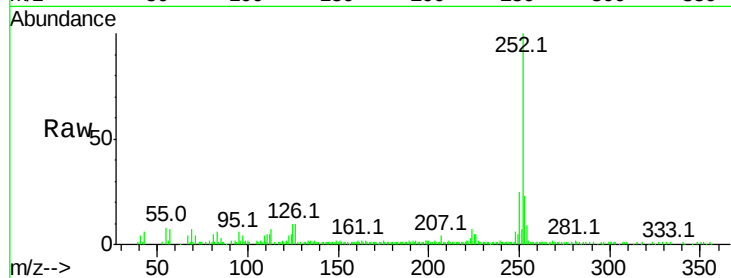




#88
Benzo(k)fluoranthene
Concen: 24.154 ng
RT: 15.23 min Scan# 2192
Delta R.T. -0.06 min
Lab File: BF106794.D
Acq: 26 Jun 2018 1:25

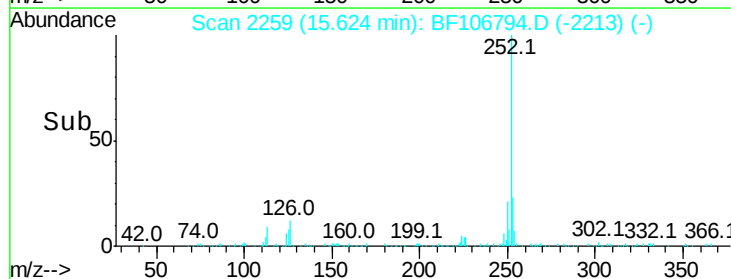
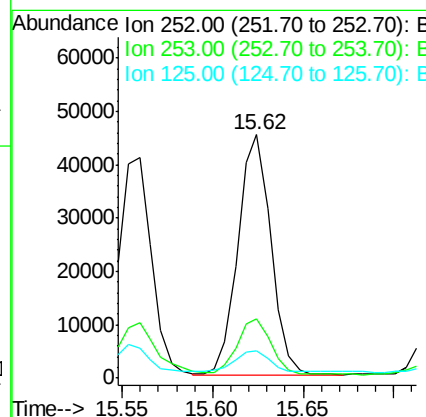
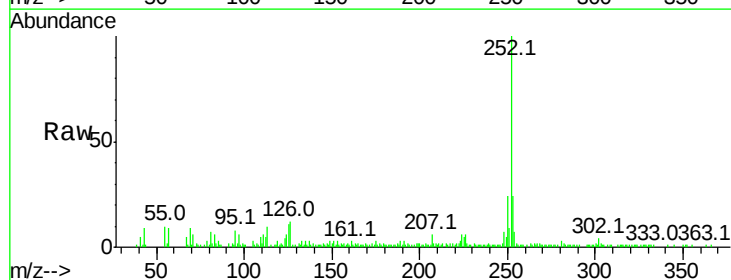
Instrument :
BNA_F
ClientSampleId :

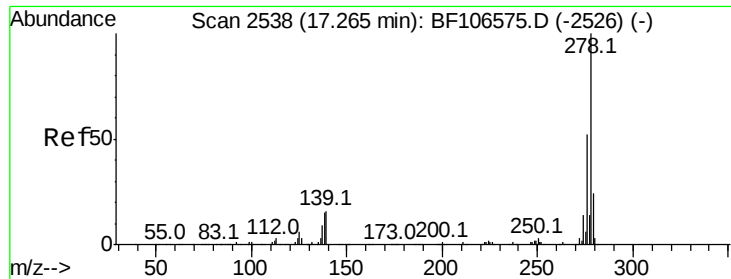
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	10.1	10.2	15.2#



#89
Benzo(a)pyrene
Concen: 11.510 ng
RT: 15.62 min Scan# 2259
Delta R.T. -0.03 min
Lab File: BF106794.D
Acq: 26 Jun 2018 1:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.1	25.7
125	11.1	9.8	14.6





#90

Dibenzo(a,h)anthracene

Concen: 2.657 ng

RT: 17.28 min Scan# 2540

Delta R.T. -0.05 min

Lab File: BF106794.D

Acq: 26 Jun 2018 1:25

Instrument :

BNA_F

ClientSampleId :

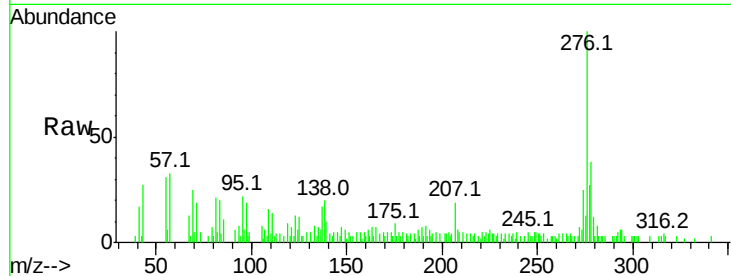
Tot Ion:278 Resp: 11171

Ion Ratio Lower Upper

278 100

139 25.7 15.9 23.9#

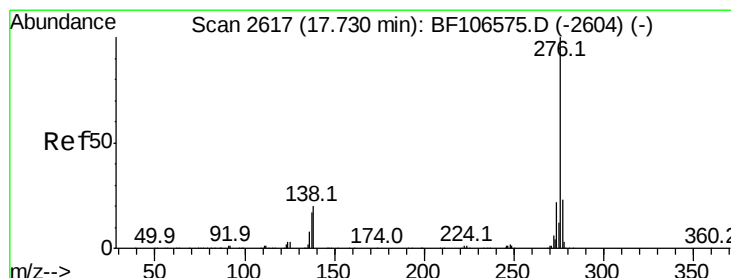
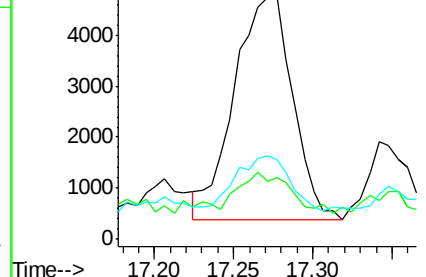
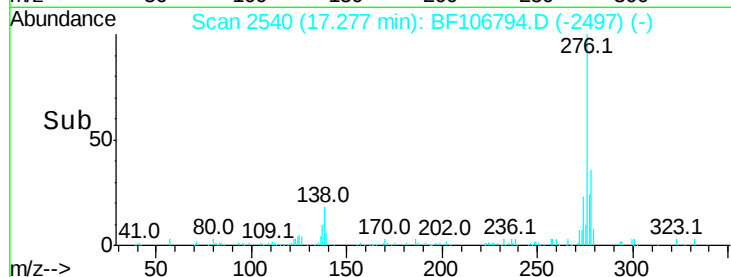
279 32.9 19.0 28.4#



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(g,h,i)perylene

Concen: 12.046 ng

RT: 17.75 min Scan# 2620

Delta R.T. -0.04 min

Lab File: BF106794.D

Acq: 26 Jun 2018 1:25

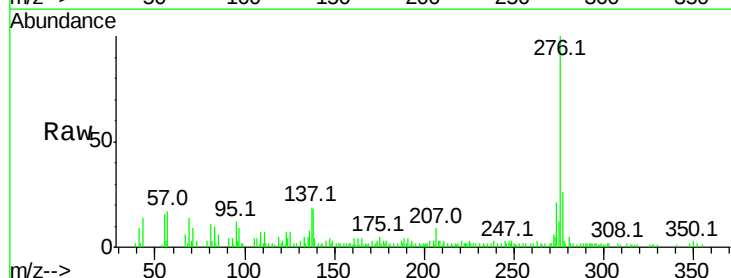
Tgt Ion:276 Resp: 49502

Ion Ratio Lower Upper

276 100

277 26.3 17.9 26.9

138 18.4 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

