

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070517\
 Data File : BF096483.D
 Acq On : 5 Jul 2017 14:53
 Operator : SJ/MA
 Sample : I3871-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 05 16:40:33 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 05 13:27:10 2017
 Response via : Initial Calibration

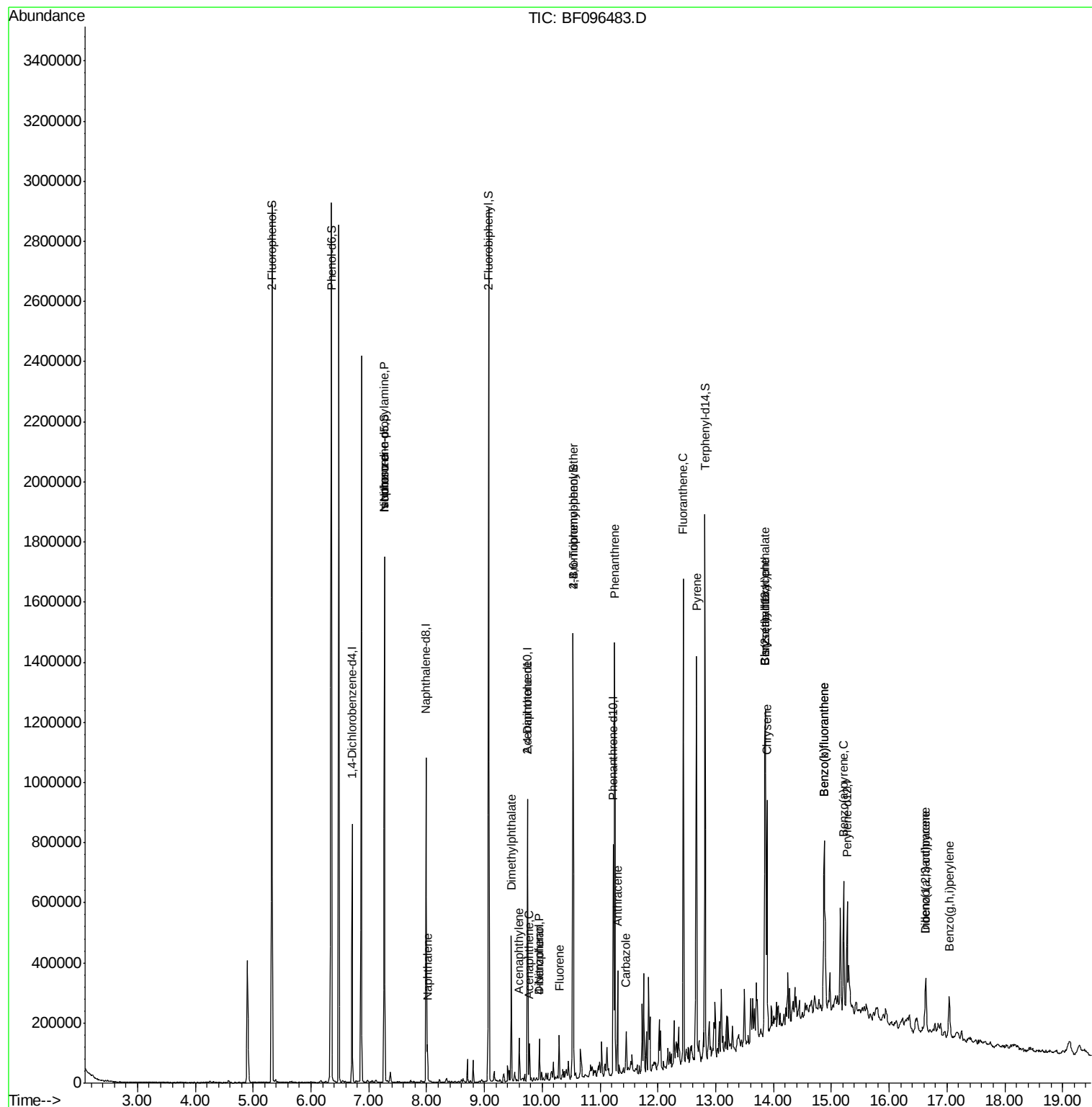
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	112771	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	437367	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	174980	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	250437	20.00	ng	0.00
75) Chrysene-d12	13.86	240	193382	20.00	ng	0.00
86) Perylene-d12	15.27	264	157260	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	859760	112.53	ng	0.00
7) Phenol-d6	6.35	99	1059401	112.79	ng	0.00
23) Nitrobenzene-d5	7.27	82	543017	74.61	ng	0.00
41) 2,4,6-Tribromophenol	10.53	330	151301	110.70	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	894091	87.36	ng	0.00
78) Terphenyl-d14	12.82	244	522669	57.75	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.27	70	72708	12.99	ng	# 89
25) Isophorone	7.27	82	539888	38.26	ng	# 67
31) Naphthalene	8.02	128	46274	2.24	ng	97
48) Acenaphthylene	9.60	152	50578	2.86	ng	99
49) Dimethylphthalate	9.46	163	173718	13.30	ng	99
51) Acenaphthene	9.77	154	24260	2.22	ng	97
54) Dibenzofuran	9.95	168	38904	2.70	ng	97
55) 4-Nitrophenol	9.95	139	14909	4.99	ng	# 30
56) 2,4-Dinitrotoluene	9.75	165	23479	6.42	ng	# 33
57) Fluorene	10.29	166	36092	3.55	ng	100
66) 4-Bromophenyl-phenylether	10.53	248	9717	3.99	ng	# 1
70) Phenanthrene	11.25	178	512909	37.89	ng	98
71) Anthracene	11.30	178	132906	9.63	ng	97
72) Carbazole	11.45	167	53919	3.89	ng	98
74) Fluoranthene	12.44	202	619515	46.67	ng	99
77) Pyrene	12.67	202	576837	37.16	ng	98
80) Benzo(a)anthracene	13.85	228	297862	26.60	ng	97
82) Chrysene	13.89	228	268759	22.92	ng	97
83) Bis(2-ethylhexyl)phthalate	13.86	149	34379	3.92	ng	100
85) Indeno(1,2,3-cd)pyrene	16.63	276	110531	11.94	ng	93
87) Benzo(b)fluoranthene	14.87	252	386522	39.23	ng	# 97
88) Benzo(k)fluoranthene	14.87	252	386522	43.85	ng	98
89) Benzo(a)pyrene	15.22	252	203676	23.15	ng	100
90) Dibenzo(a,h)anthracene	16.64	278	29443	4.25	ng	# 81
91) Benzo(g,h,i)perylene	17.04	276	101236	14.12	ng	98

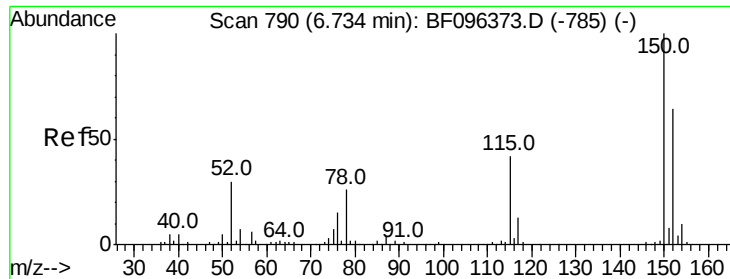
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070517\
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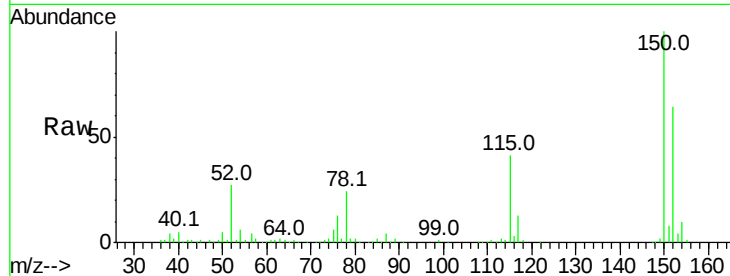


#1

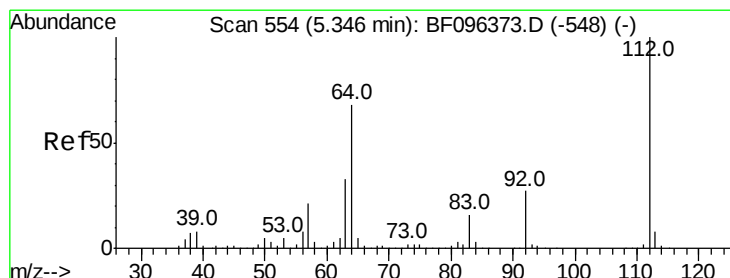
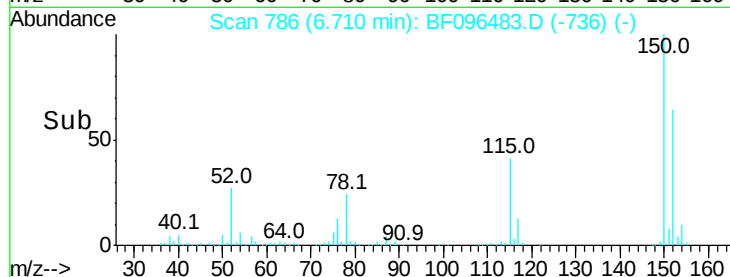
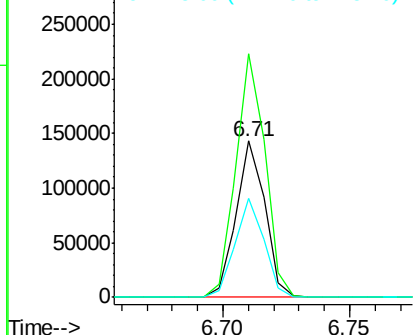
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF096483.D
Acq: 5 Jul 2017 14:53

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 112771
Ion Ratio Lower Upper
152 100
150 155.9 126.2 189.2
115 63.8 52.2 78.2



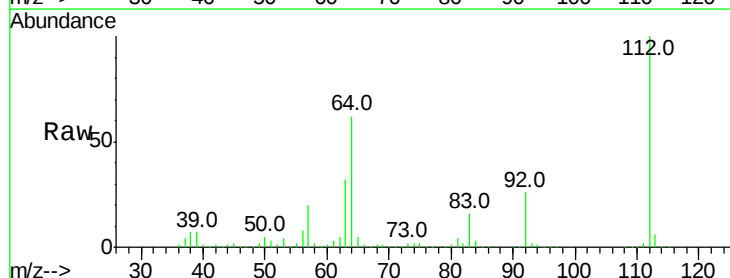
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



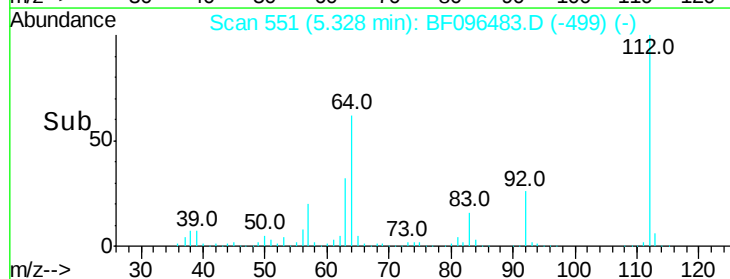
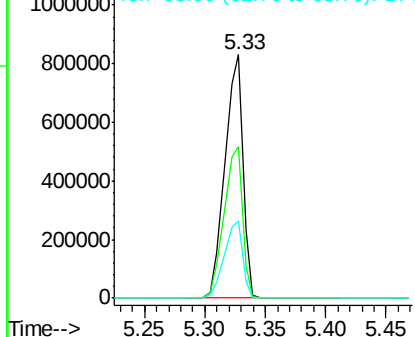
#5

2-Fluorophenol
Concen: 112.53 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF096483.D
Acq: 5 Jul 2017 14:53

Tgt Ion:112 Resp: 859760
Ion Ratio Lower Upper
112 100
64 62.4 46.0 69.0
63 31.9 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 112.79 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF096483.D

Acq: 5 Jul 2017 14:53

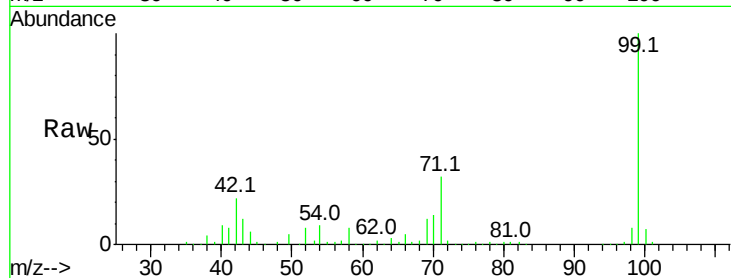
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1059401

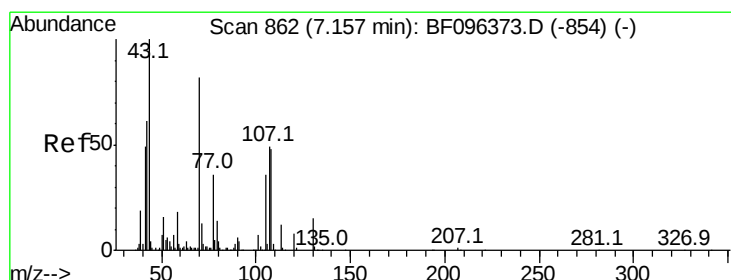
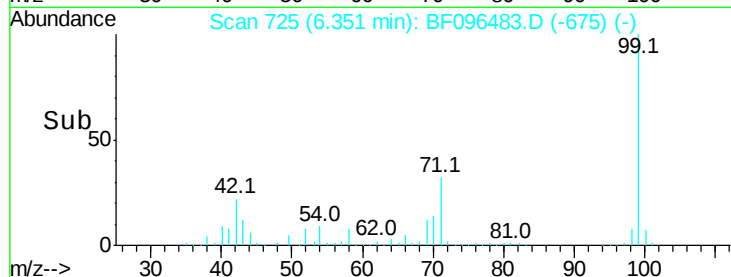
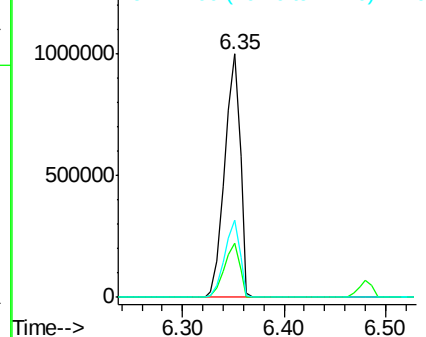
Ion	Ratio	Lower	Upper
99	100		
42	22.5	13.5	20.3#
71	31.7	24.5	36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 12.99 ng

RT: 7.27 min Scan# 882

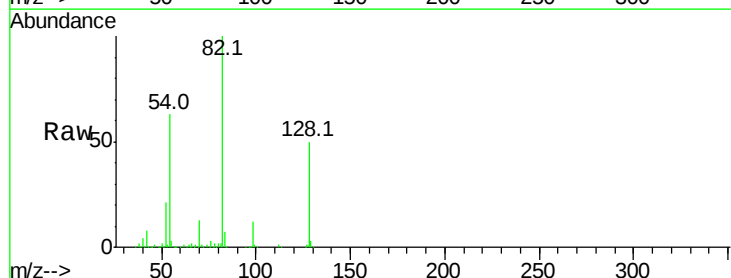
Delta R.T. 0.14 min

Lab File: BF096483.D

Acq: 5 Jul 2017 14:53

Tgt Ion: 70 Resp: 72708

Ion	Ratio	Lower	Upper
70	100		
42	59.0	47.2	70.8
101	0.0	7.2	10.8#
130	2.3	15.9	23.9#

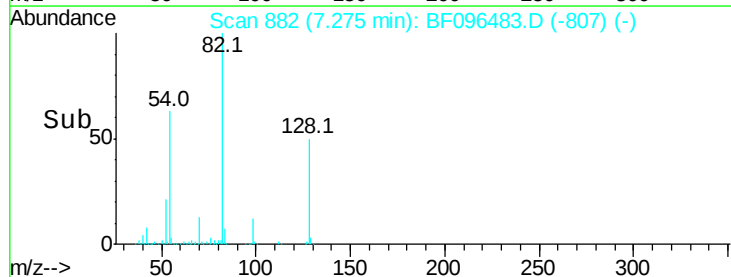
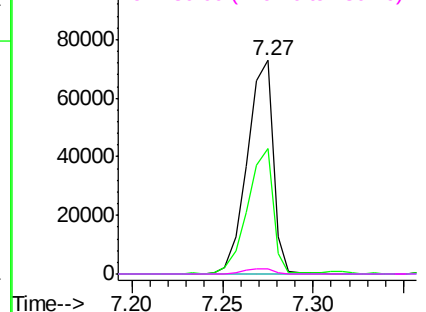


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.99 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF096483.D

Acq: 5 Jul 2017 14:53

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 437367

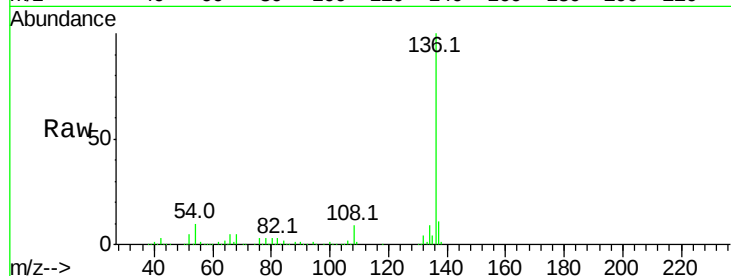
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 10.0 4.9 7.3#

68 4.9 4.1 6.1

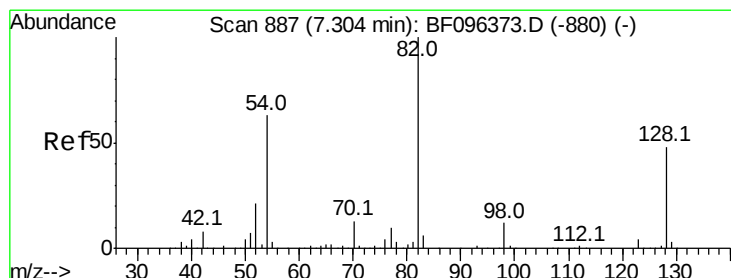
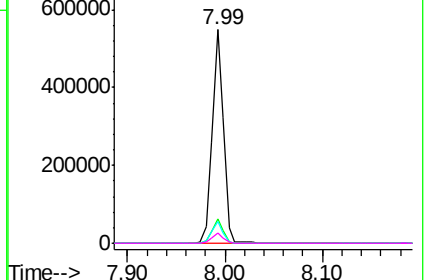
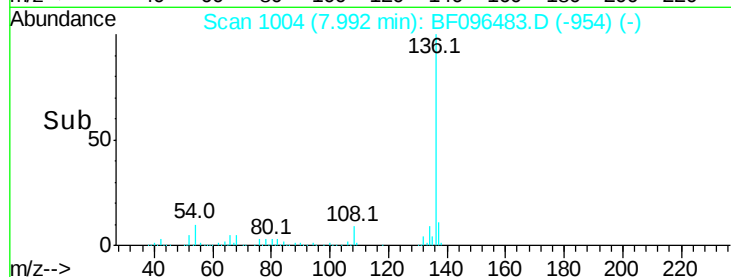


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 74.61 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF096483.D

Acq: 5 Jul 2017 14:53

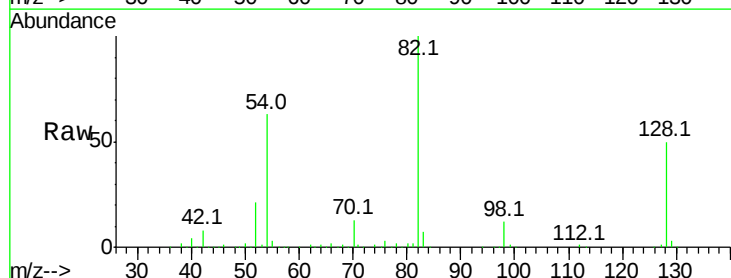
Tgt Ion: 82 Resp: 543017

Ion Ratio Lower Upper

82 100

128 49.6 34.0 51.0

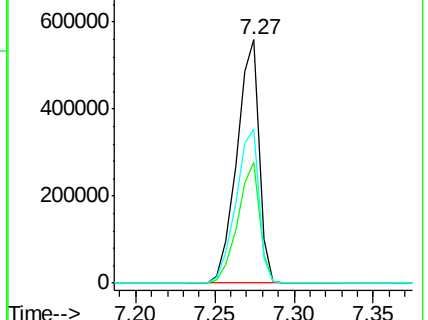
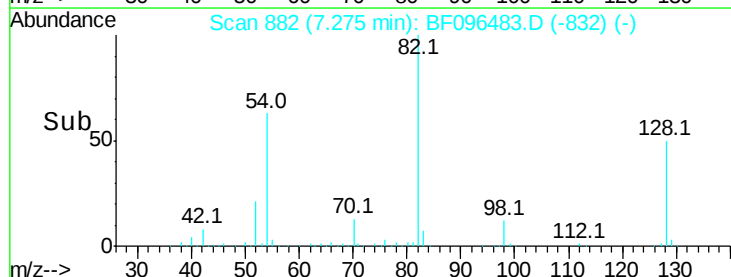
54 63.3 42.2 63.2#

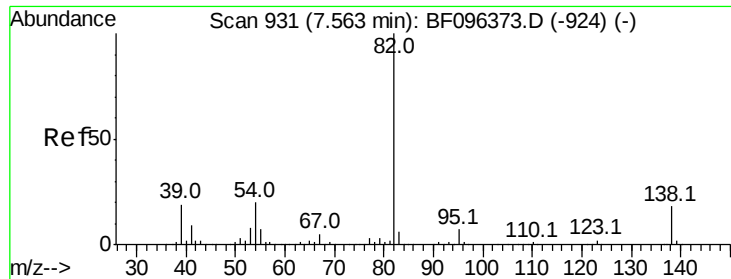


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 38.26 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.26 min

Lab File: BF096483.D

Acq: 5 Jul 2017 14:53

Instrument :

BNA_F

ClientSampleId :

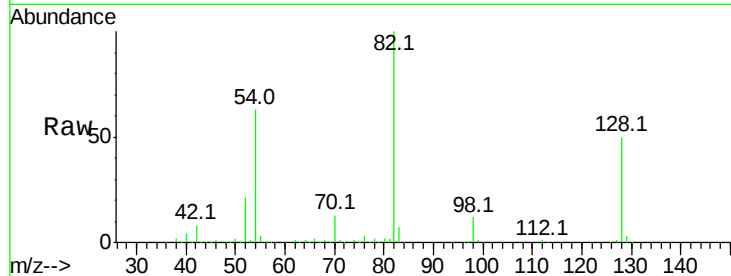
Tot Ion: 82 Resp: 539888

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

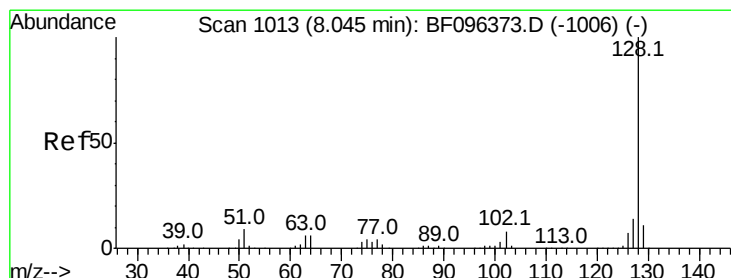
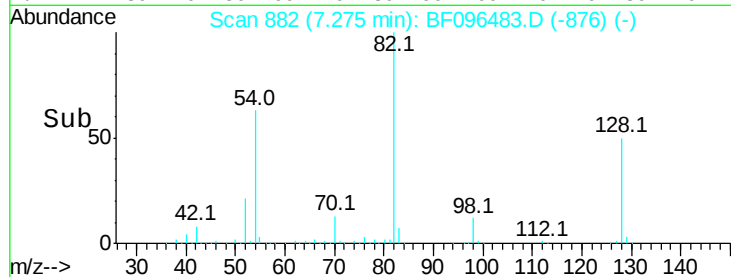
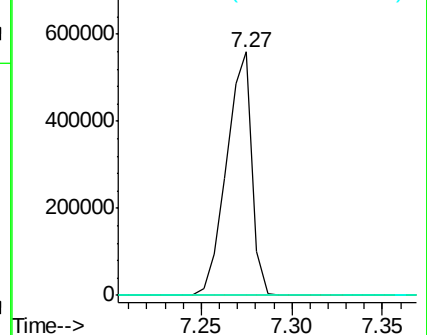
138 0.0 13.1 19.7#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): E



#31

Naphthalene

Concen: 2.24 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF096483.D

Acq: 5 Jul 2017 14:53

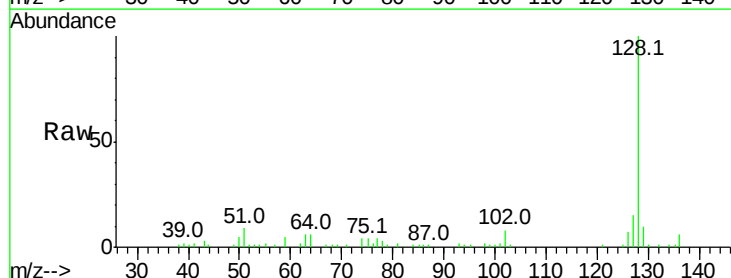
Tgt Ion: 128 Resp: 46274

Ion Ratio Lower Upper

128 100

129 10.2 9.0 13.6

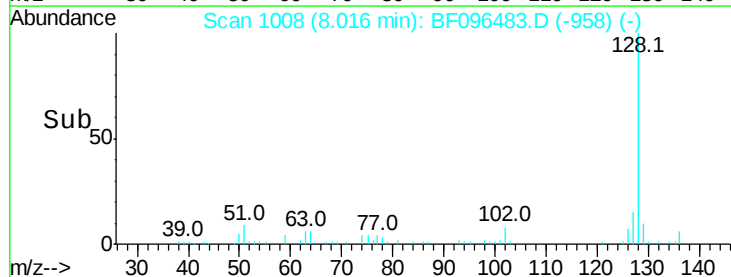
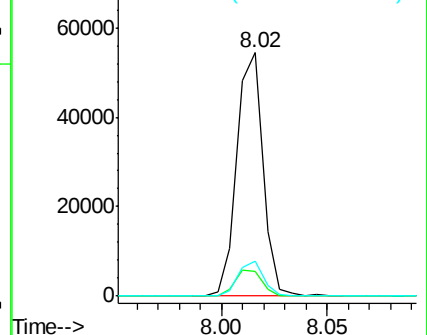
127 14.6 10.8 16.2

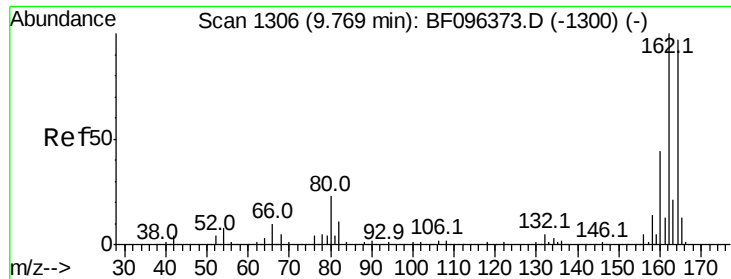


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

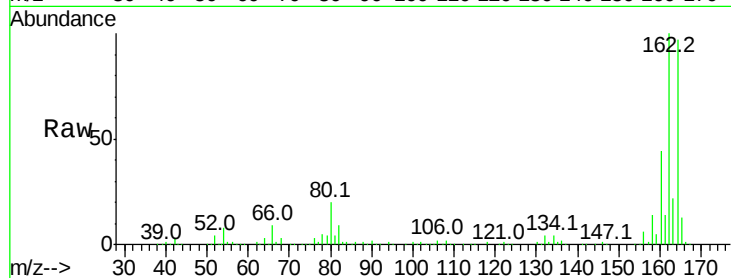




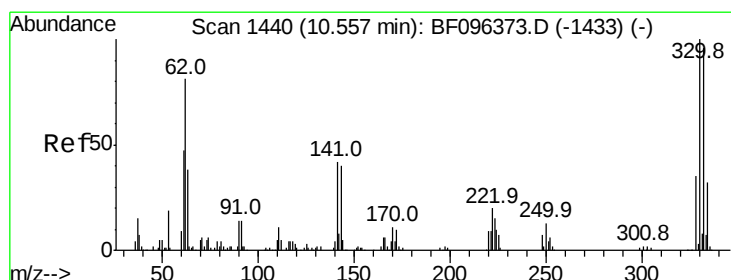
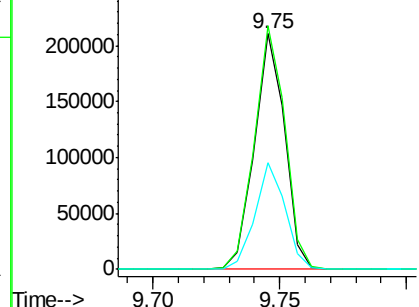
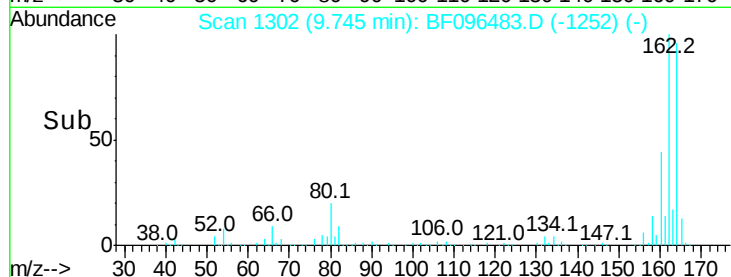
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF096483.D
 Acq: 5 Jul 2017 14:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.3	82.6	123.8
160	45.1	36.2	54.2

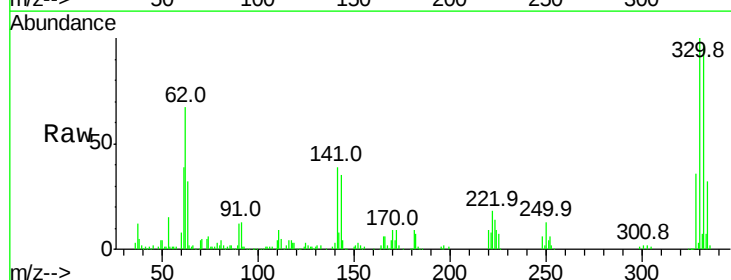


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

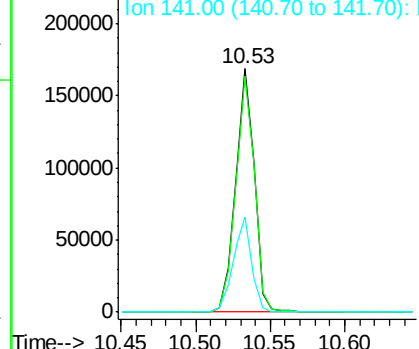
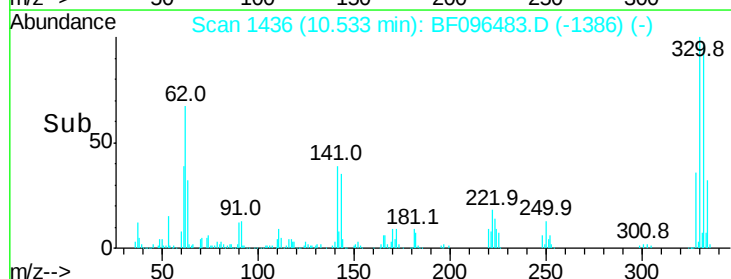


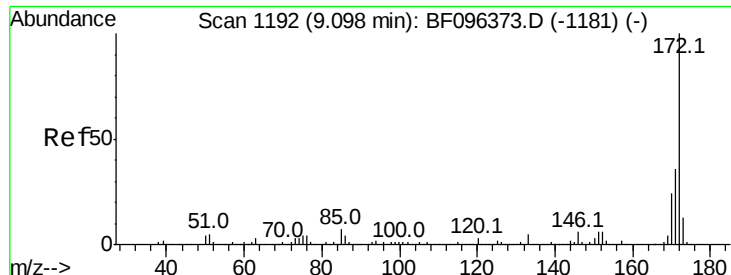
#41
 2,4,6-Tribromophenol
 Concen: 110.70 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. -0.01 min
 Lab File: BF096483.D
 Acq: 5 Jul 2017 14:53

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.7	76.6	115.0
141	38.3	31.4	47.2



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

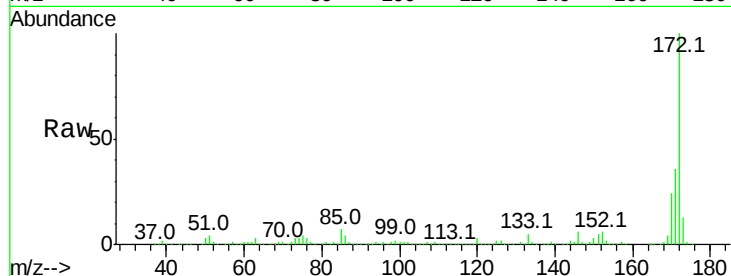




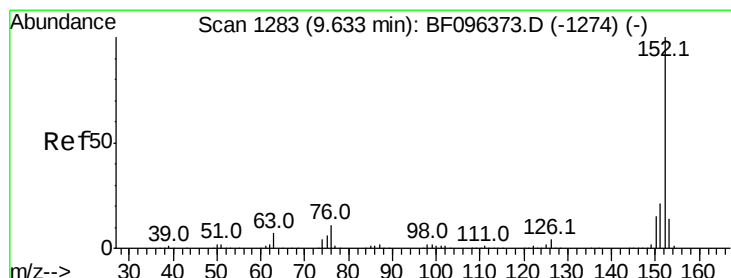
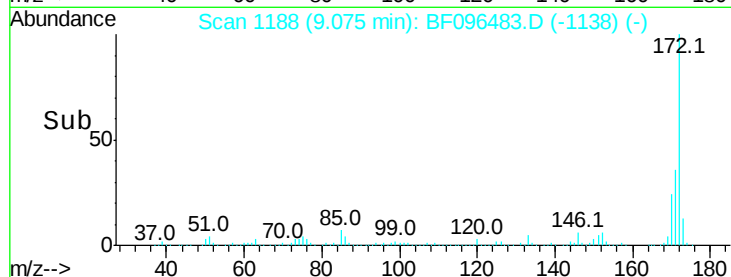
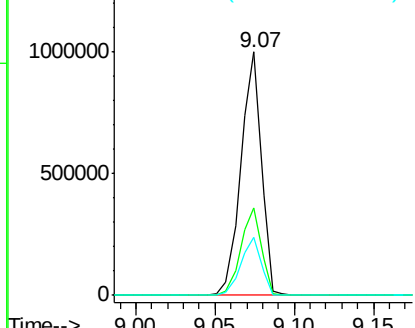
#44
 2-Fluorobiphenyl
 Concen: 87.36 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF096483.D
 Acq: 5 Jul 2017 14:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 894091
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.6 44.4
 170 24.0 19.8 29.8

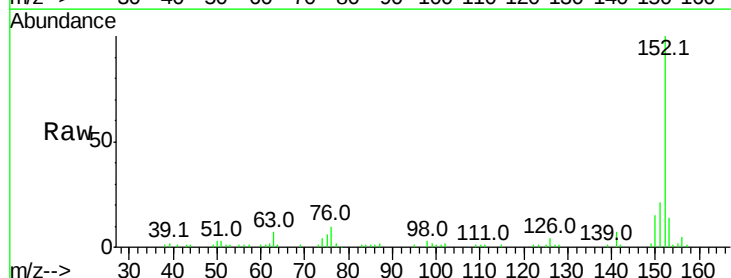


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

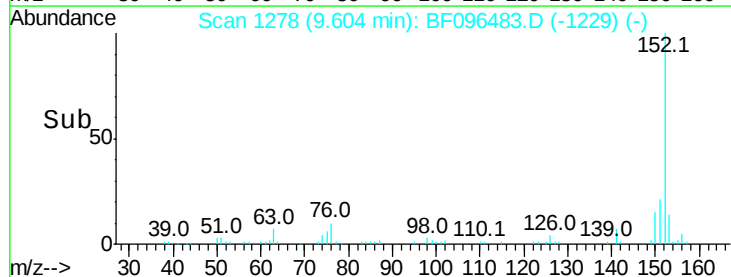
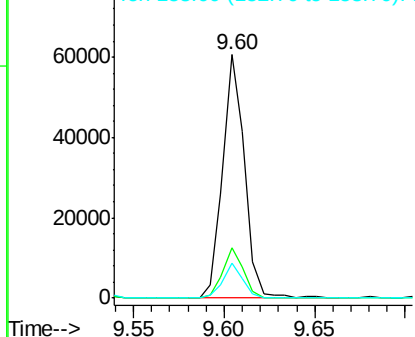


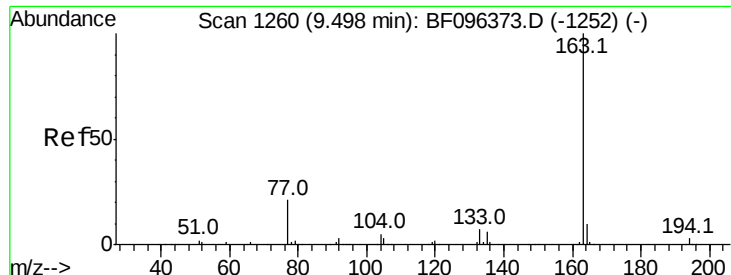
#48
 Acenaphthylene
 Concen: 2.86 ng
 RT: 9.60 min Scan# 1278
 Delta R.T. -0.01 min
 Lab File: BF096483.D
 Acq: 5 Jul 2017 14:53

Tgt Ion:152 Resp: 50578
 Ion Ratio Lower Upper
 152 100
 151 20.6 16.8 25.2
 153 14.4 10.8 16.2



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

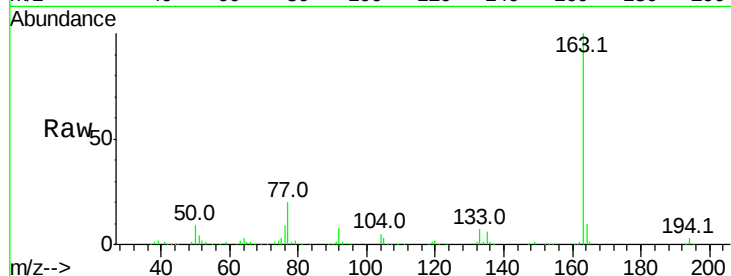




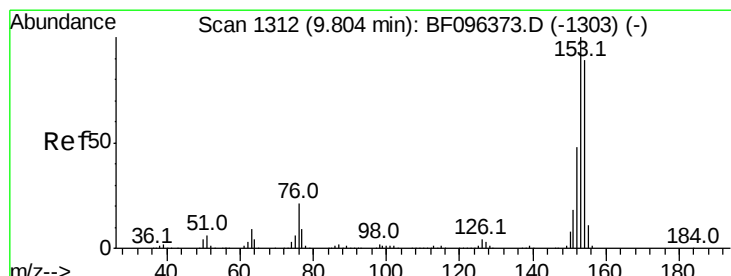
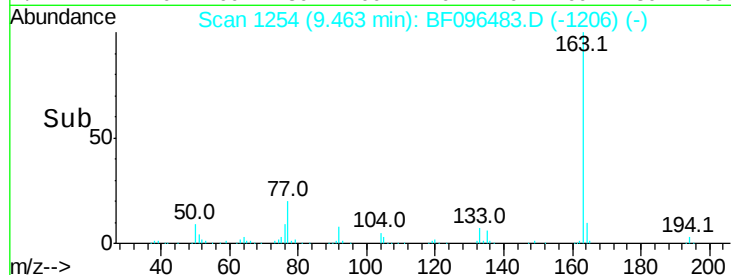
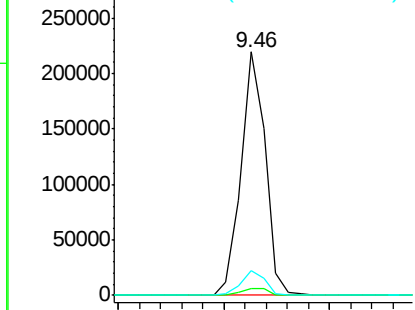
#49
Dimethylphthalate
Concen: 13.30 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF096483.D
Acq: 5 Jul 2017 14:53

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 173718
Ion Ratio Lower Upper
163 100
194 3.0 2.6 4.0
164 10.2 8.4 12.6

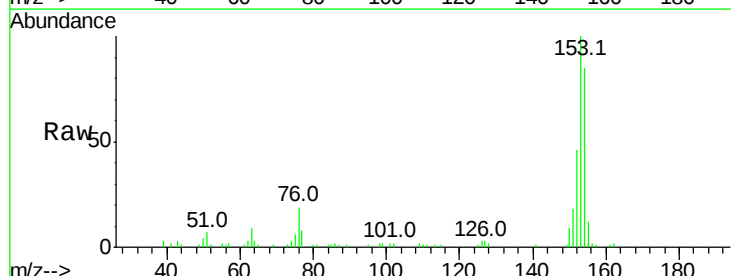


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

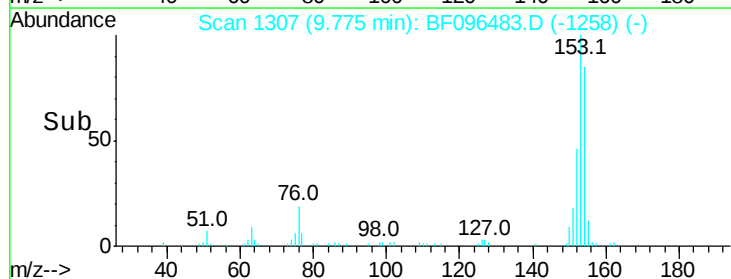
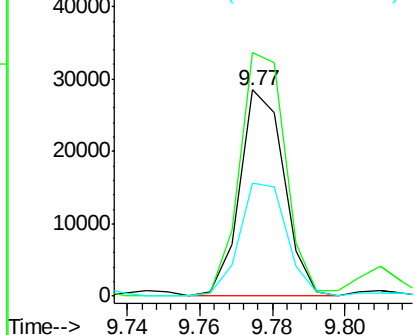


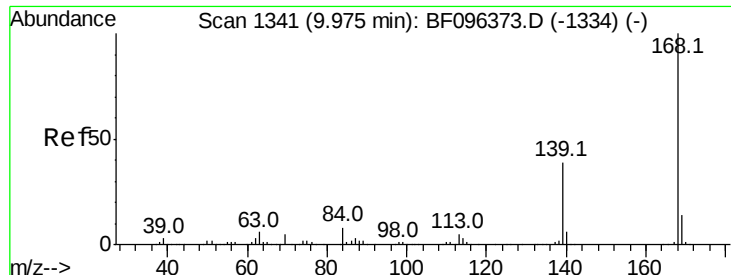
#51
Acenaphthene
Concen: 2.22 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF096483.D
Acq: 5 Jul 2017 14:53

Tgt Ion:154 Resp: 24260
Ion Ratio Lower Upper
154 100
153 118.0 90.5 135.7
152 54.7 43.6 65.4



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

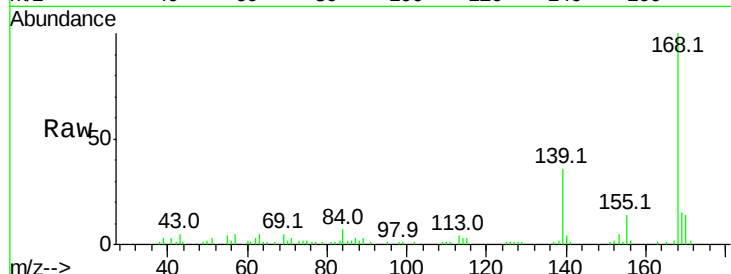




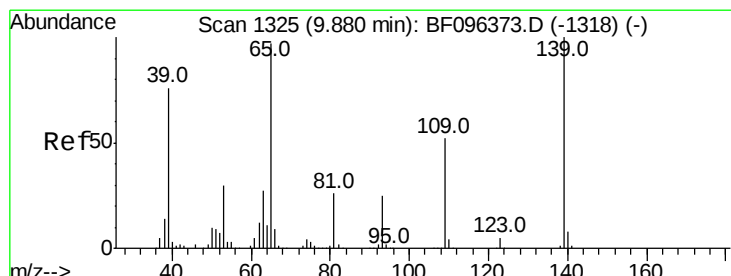
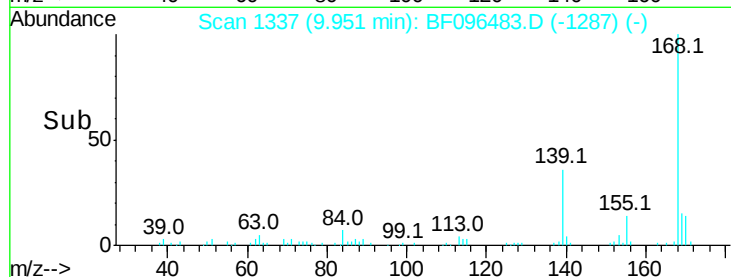
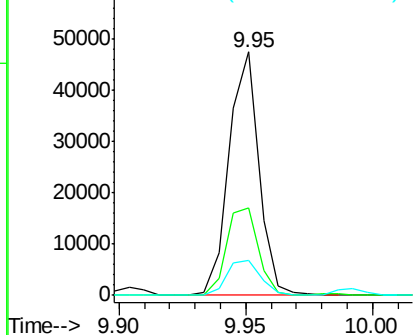
#54
Dibenzofuran
Concen: 2.70 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF096483.D
Acq: 5 Jul 2017 14:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 38904
Ion Ratio Lower Upper
168 100
139 36.1 30.6 45.8
169 14.6 10.8 16.2

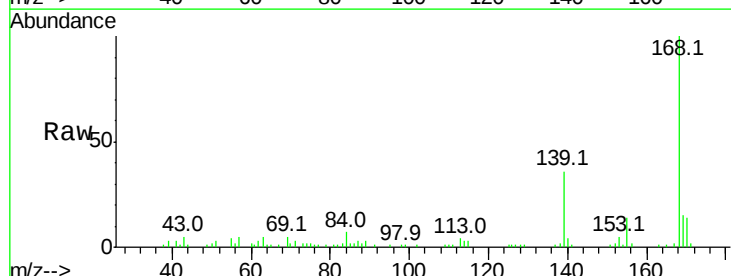


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

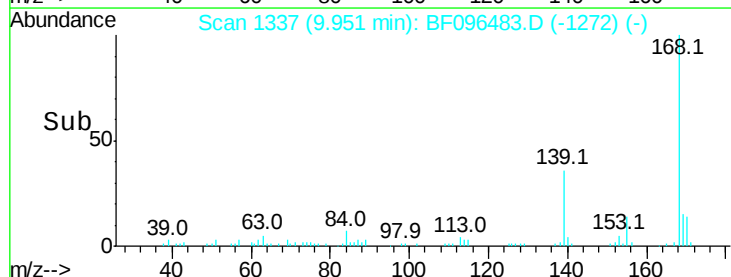
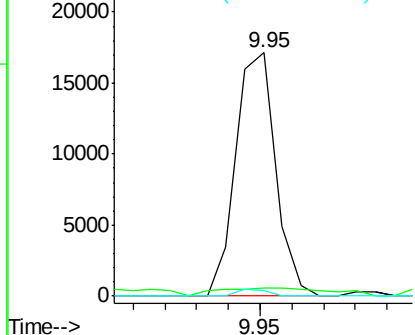


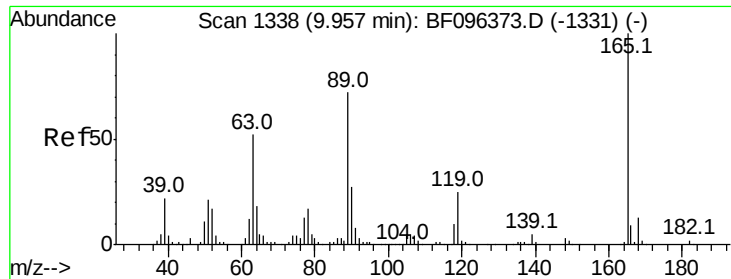
#55
4-Nitrophenol
Concen: 4.99 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.08 min
Lab File: BF096483.D
Acq: 5 Jul 2017 14:53

Tgt Ion:139 Resp: 14909
Ion Ratio Lower Upper
139 100
109 3.4 34.1 74.1#
65 2.4 31.4 71.4#



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): BF0

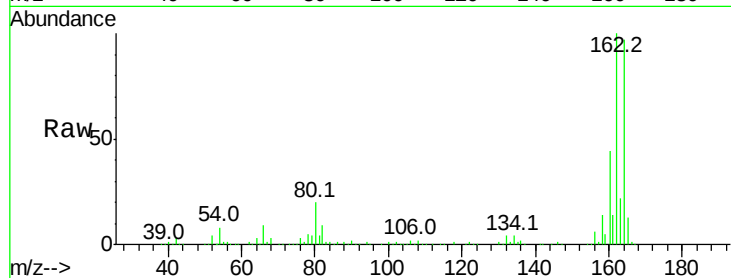




#56
 2,4-Dinitrotoluene
 Concen: 6.42 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.19 min
 Lab File: BF096483.D
 Acq: 5 Jul 2017 14:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	25.4	38.0#
89	1.3	46.4	69.6#
182	0.0	1.8	2.6#

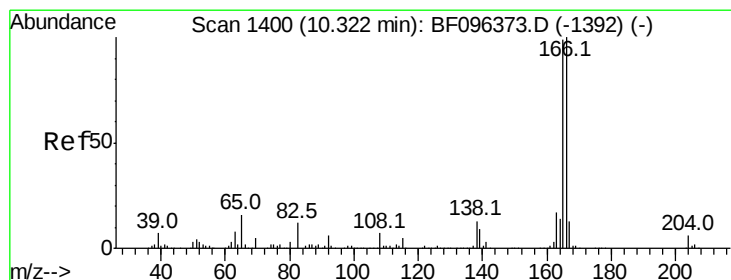
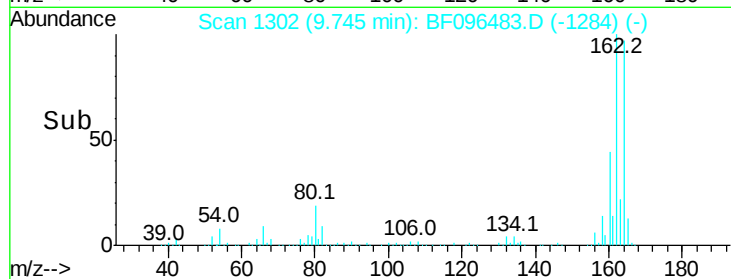
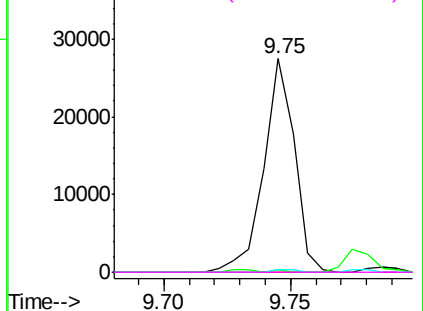


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

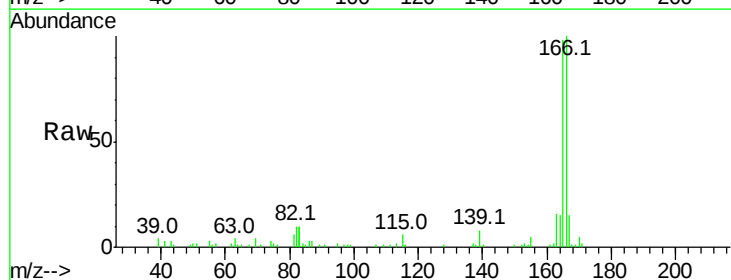
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57
 Fluorene
 Concen: 3.55 ng
 RT: 10.29 min Scan# 1395
 Delta R.T. -0.01 min
 Lab File: BF096483.D
 Acq: 5 Jul 2017 14:53

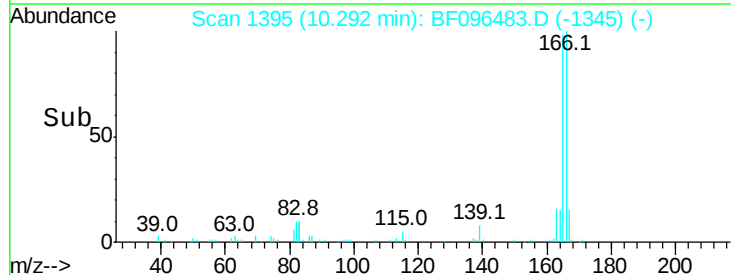
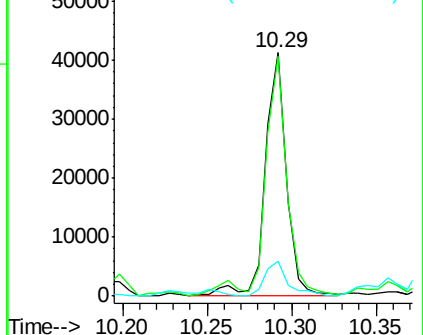
Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.8	118.2
167	14.5	10.6	16.0

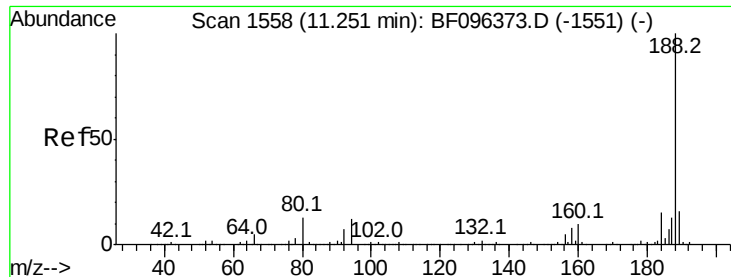


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.23 min Scan# 1554

Delta R.T. -0.01 min

Lab File: BF096483.D

Acq: 5 Jul 2017 14:53

Instrument :

BNA_F

ClientSampleId :

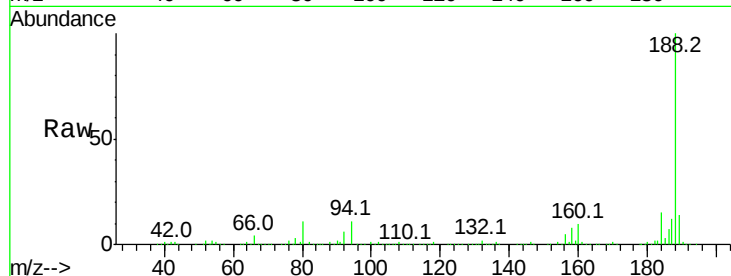
Tot Ion:188 Resp: 250437

Ion Ratio Lower Upper

188 100

94 11.0 9.4 14.2

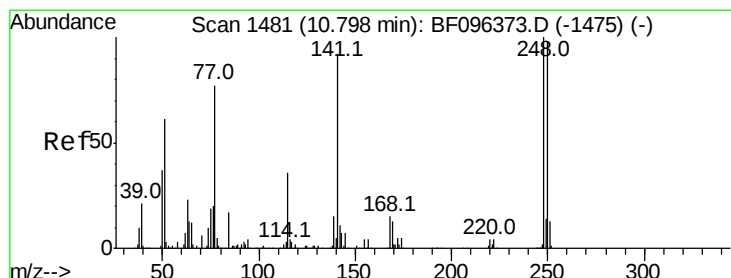
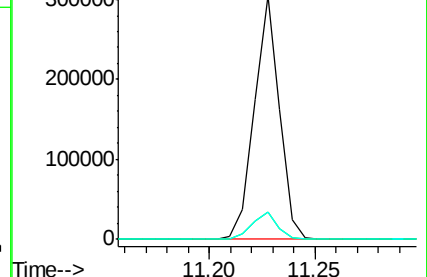
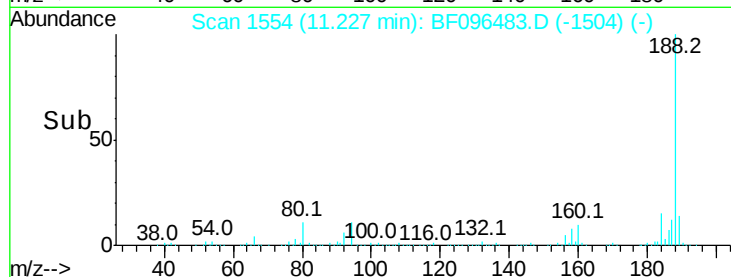
80 11.2 10.2 15.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#66

4-Bromophenyl-phenylether

Concen: 3.99 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.25 min

Lab File: BF096483.D

Acq: 5 Jul 2017 14:53

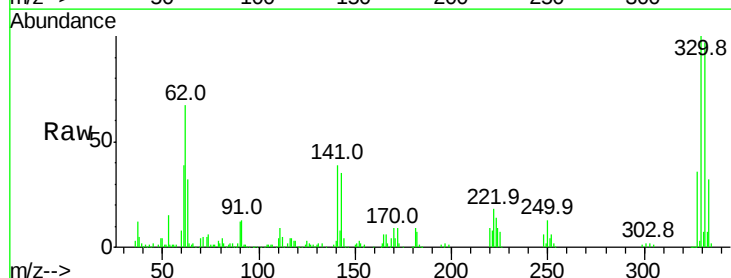
Tgt Ion:248 Resp: 9717

Ion Ratio Lower Upper

248 100

250 208.7 76.8 115.2#

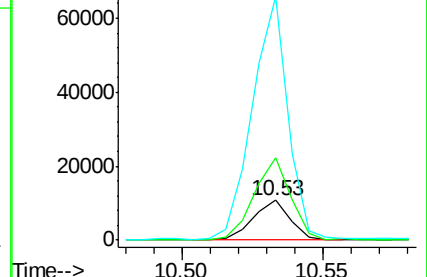
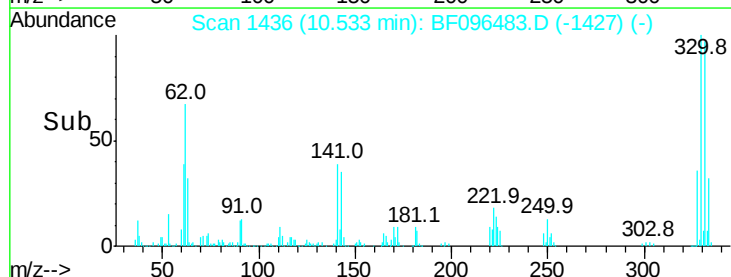
141 614.9 68.6 103.0#

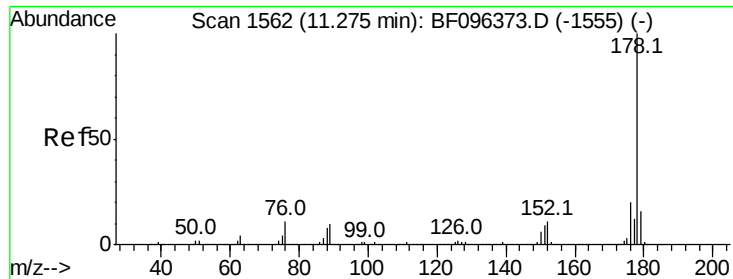


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#70

Phenanthrene

Concen: 37.89 ng

RT: 11.25 min Scan# 1558

Delta R.T. -0.01 min

Lab File: BF096483.D

Acq: 5 Jul 2017 14:53

Instrument :

BNA_F

ClientSampleId :

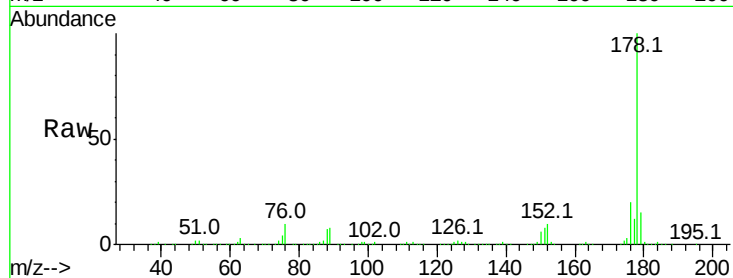
Tot Ion:178 Resp: 512909

Ion Ratio Lower Upper

178 100

176 19.7 16.2 24.4

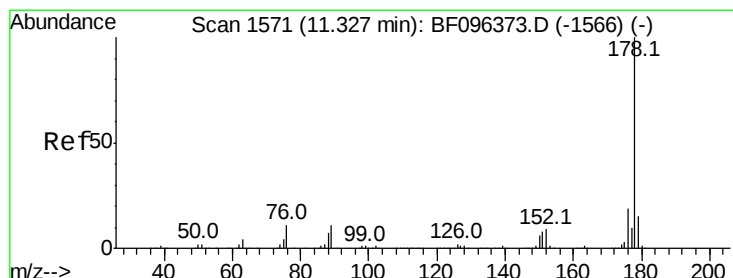
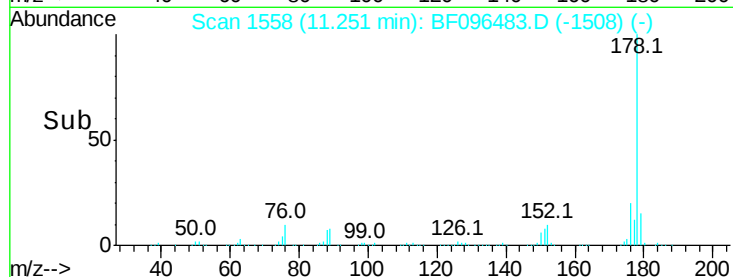
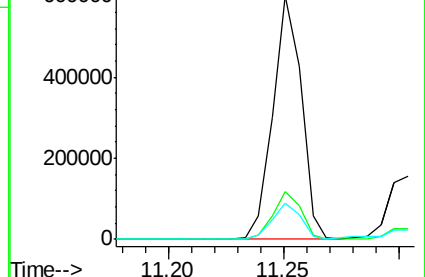
179 14.9 12.6 19.0



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



#71

Anthracene

Concen: 9.63 ng

RT: 11.30 min Scan# 1567

Delta R.T. -0.01 min

Lab File: BF096483.D

Acq: 5 Jul 2017 14:53

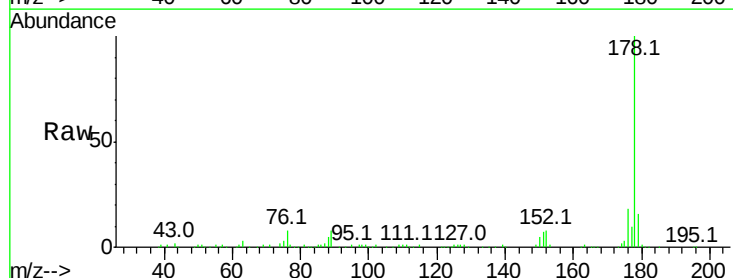
Tgt Ion:178 Resp: 132906

Ion Ratio Lower Upper

178 100

176 17.7 15.8 23.8

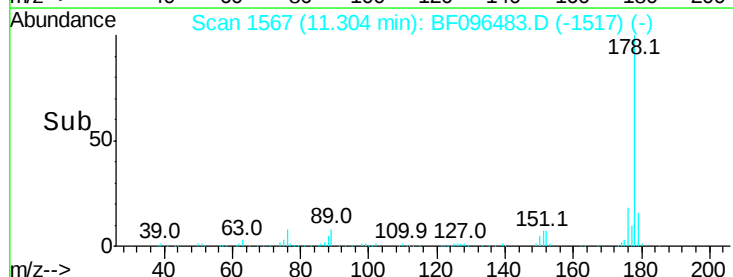
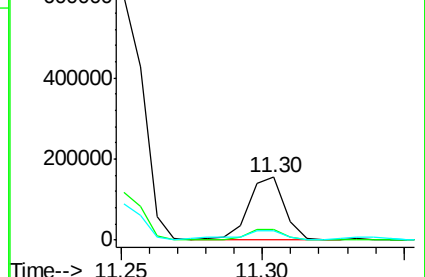
179 15.9 12.7 19.1

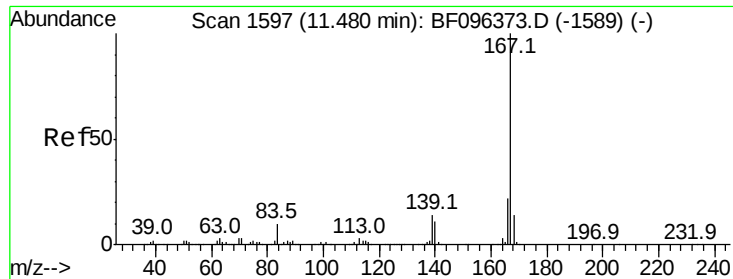


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 3.89 ng

RT: 11.45 min Scan# 1592

Delta R.T. -0.01 min

Lab File: BF096483.D

Acq: 5 Jul 2017 14:53

Instrument :

BNA_F

ClientSampleId :

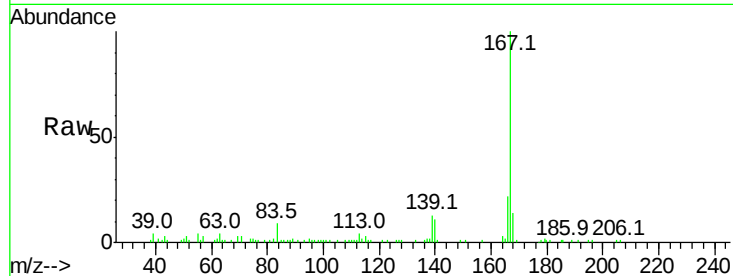
Tot Ion:167 Resp: 53919

Ion Ratio Lower Upper

167 100

166 21.6 18.1 27.1

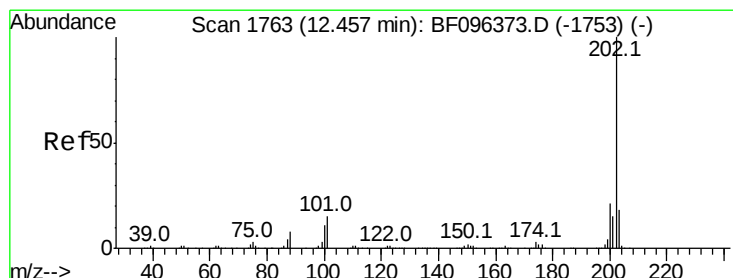
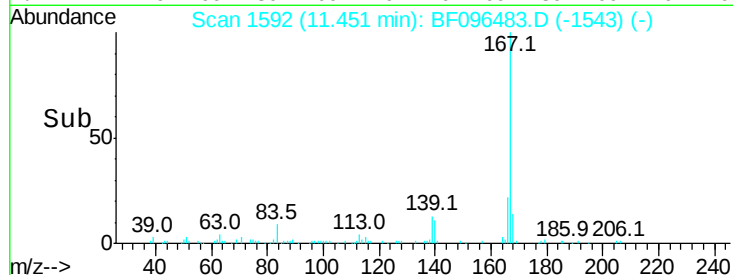
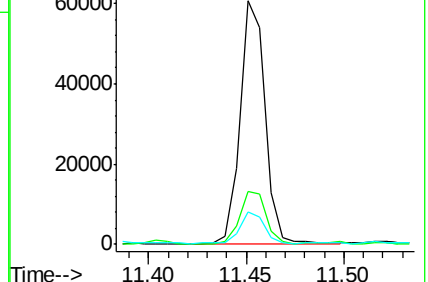
139 13.4 11.7 17.5



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: 46.67 ng

RT: 12.44 min Scan# 1760

Delta R.T. -0.00 min

Lab File: BF096483.D

Acq: 5 Jul 2017 14:53

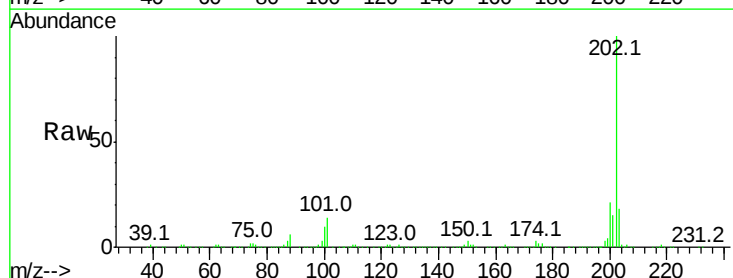
Tgt Ion:202 Resp: 619515

Ion Ratio Lower Upper

202 100

101 13.7 0.0 33.2

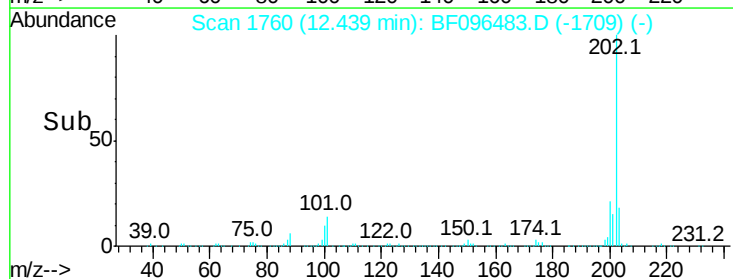
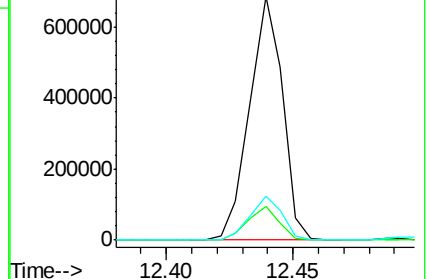
203 17.9 0.0 38.1

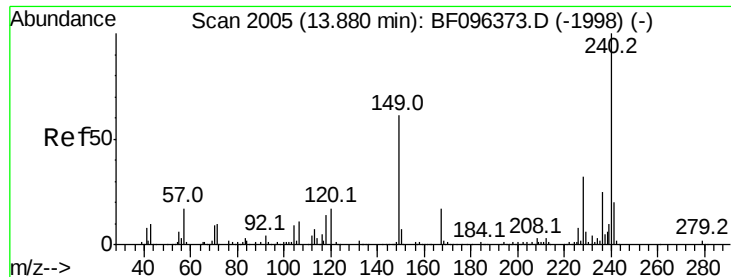


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF096483.D

Acq: 5 Jul 2017 14:53

Instrument :

BNA_F

ClientSampled :

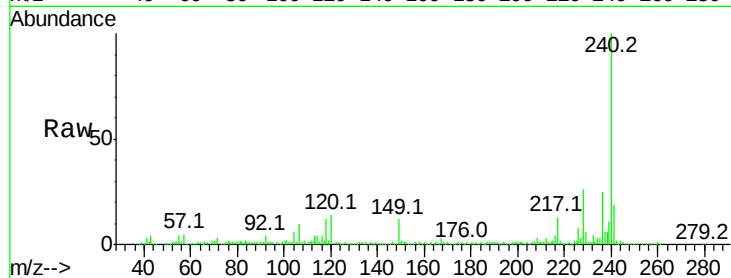
Tot Ion:240 Resp: 193382

Ion Ratio Lower Upper

240 100

120 14.2 5.8 8.8#

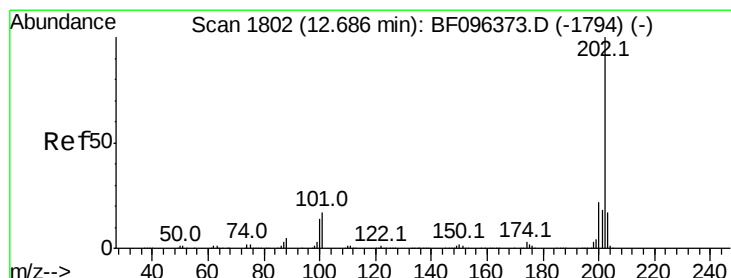
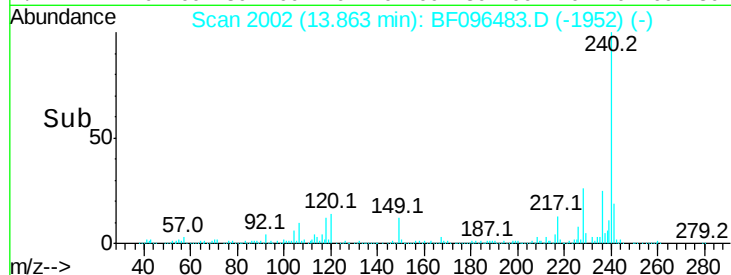
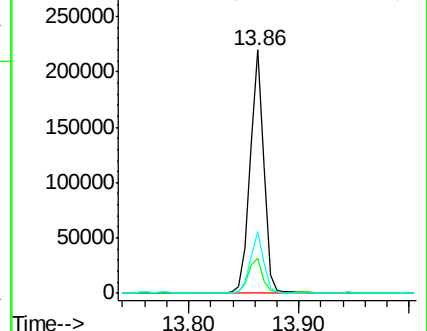
236 25.2 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 37.16 ng

RT: 12.67 min Scan# 1799

Delta R.T. -0.00 min

Lab File: BF096483.D

Acq: 5 Jul 2017 14:53

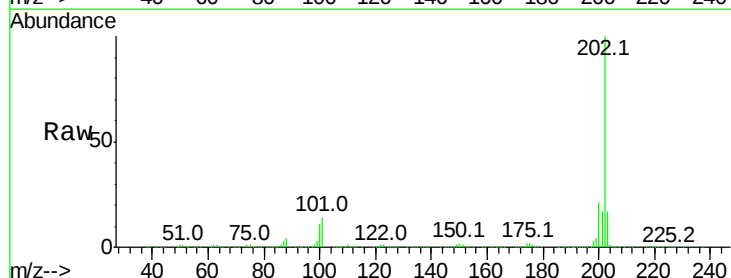
Tgt Ion:202 Resp: 576837

Ion Ratio Lower Upper

202 100

200 21.3 17.6 26.4

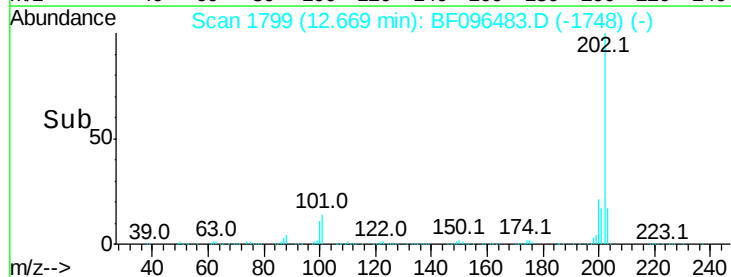
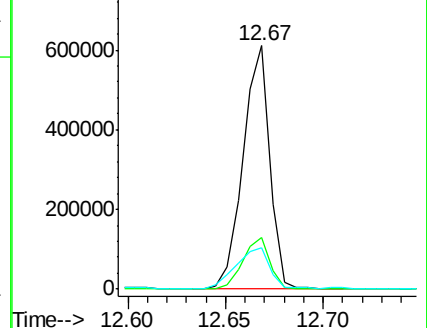
203 17.1 14.4 21.6

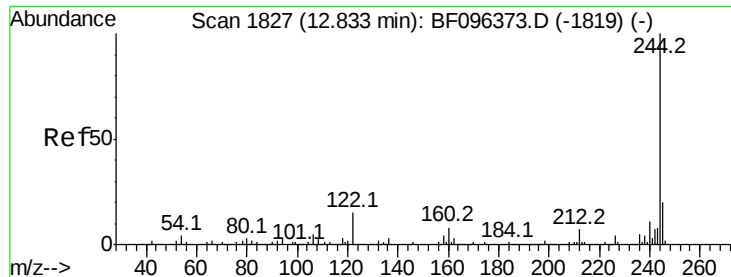


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

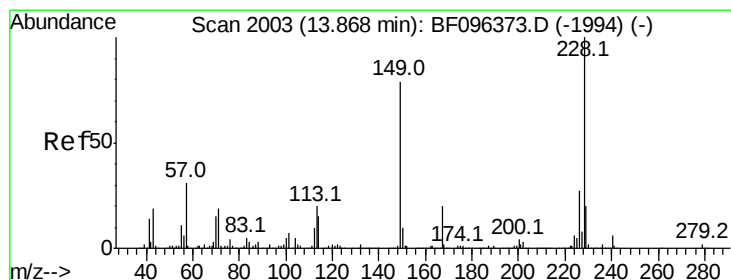
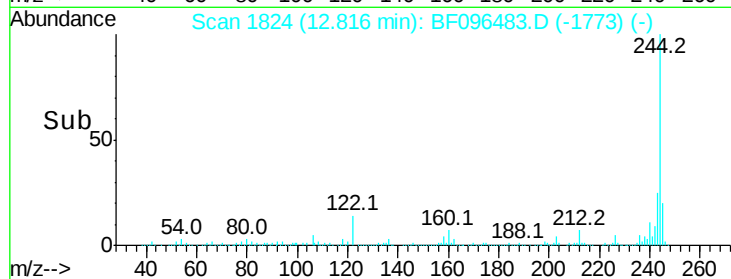
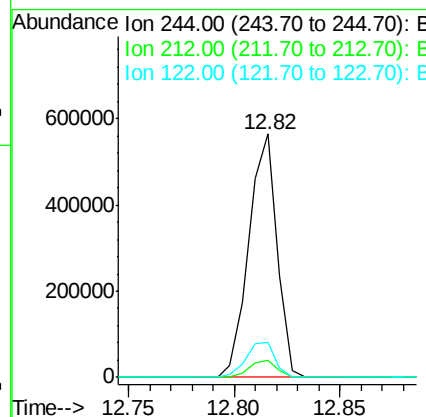
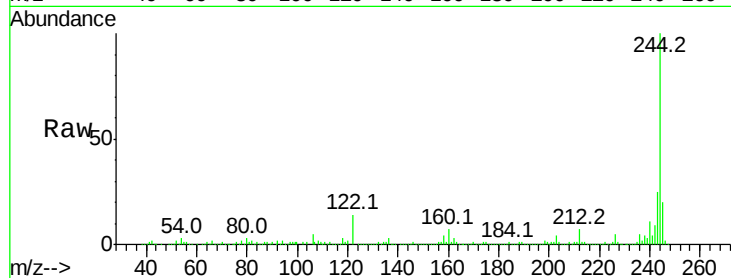




#78
 Terphenyl-d14
 Concen: 57.75 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.00 min
 Lab File: BF096483.D
 Acq: 5 Jul 2017 14:53

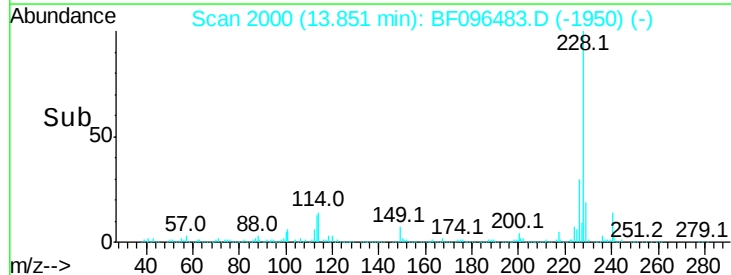
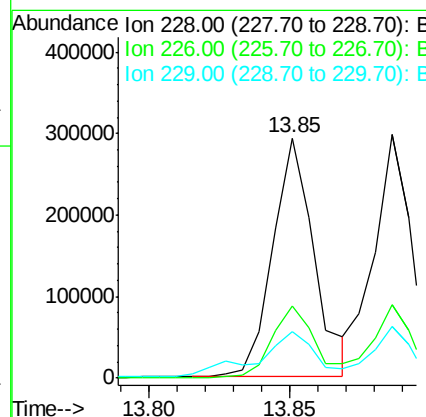
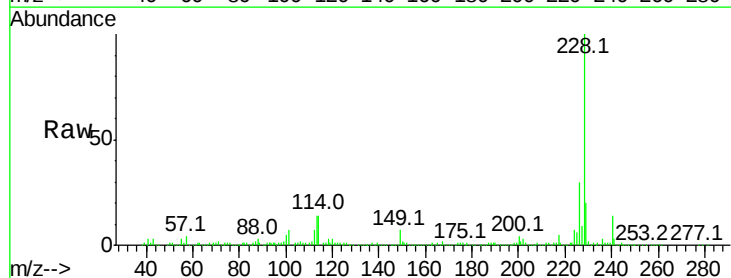
Instrument :
 BNA_F
 ClientSampleId :

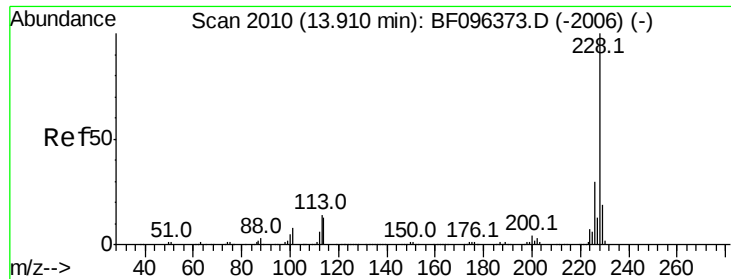
Tot Ion:244 Resp: 522669
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 14.2 10.3 15.5



#80
 Benzo(a)anthracene
 Concen: 26.60 ng
 RT: 13.85 min Scan# 2000
 Delta R.T. -0.01 min
 Lab File: BF096483.D
 Acq: 5 Jul 2017 14:53

Tgt Ion:228 Resp: 297862
 Ion Ratio Lower Upper
 228 100
 226 30.3 22.6 33.8
 229 19.6 16.3 24.5





#82

Chrysene

Concen: 22.92 ng

RT: 13.89 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BF096483.D

Acq: 5 Jul 2017 14:53

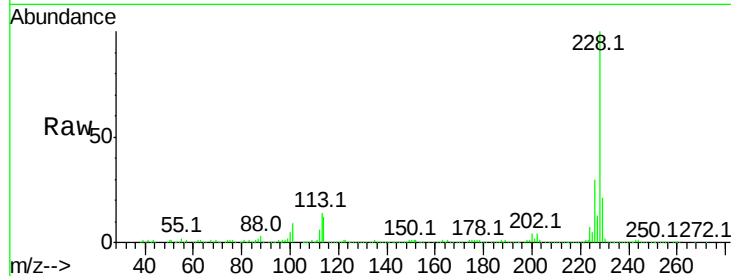
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 268759

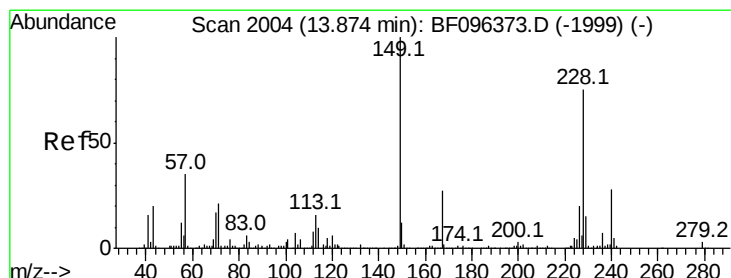
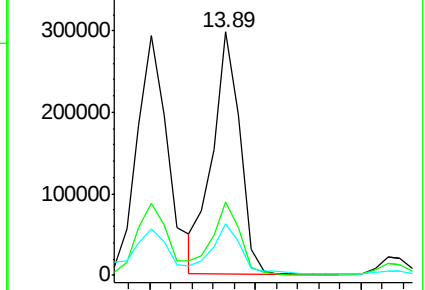
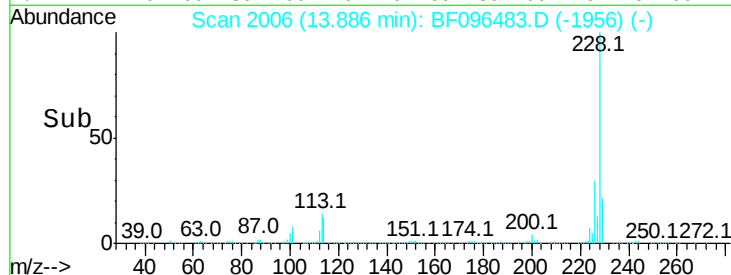
Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.9	37.3
229	21.5	15.8	23.6



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 3.92 ng

RT: 13.86 min Scan# 2001

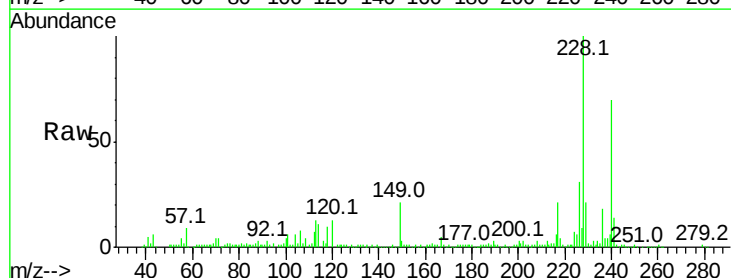
Delta R.T. -0.00 min

Lab File: BF096483.D

Acq: 5 Jul 2017 14:53

Tgt Ion:149 Resp: 34379

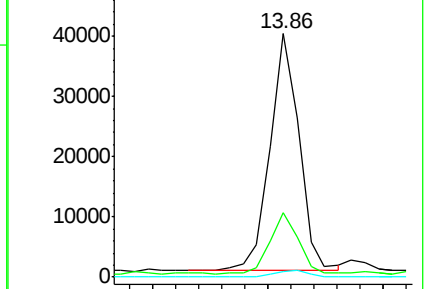
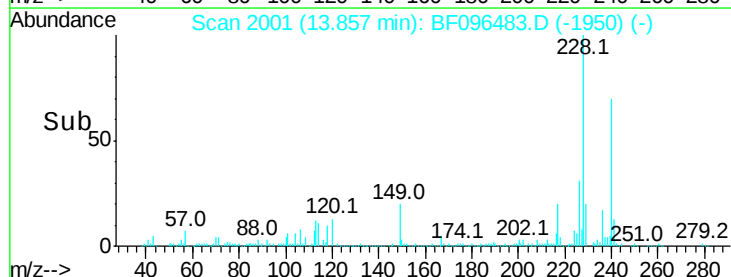
Ion	Ratio	Lower	Upper
149	100		
167	26.4	21.0	31.4
279	2.5	1.9	2.9

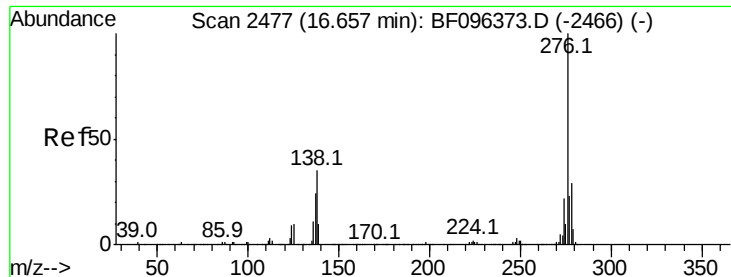


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

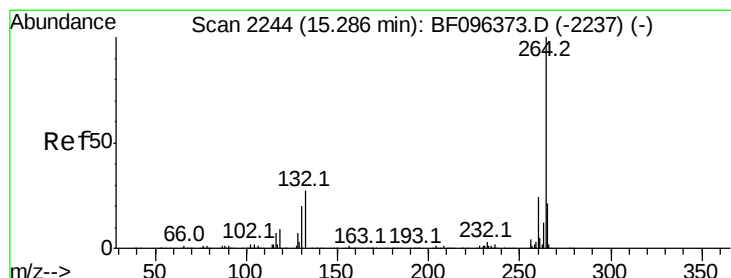
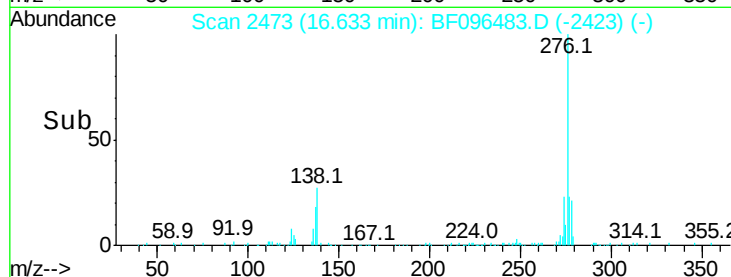
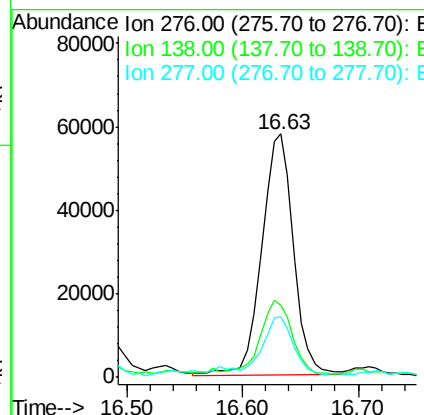
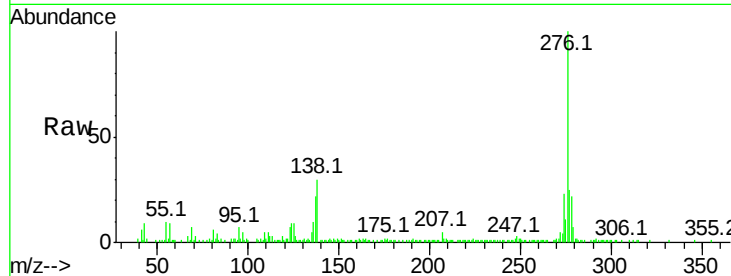




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 11.94 ng
 RT: 16.63 min Scan# 2473
 Delta R.T. -0.01 min
 Lab File: BF096483.D
 Acq: 5 Jul 2017 14:53

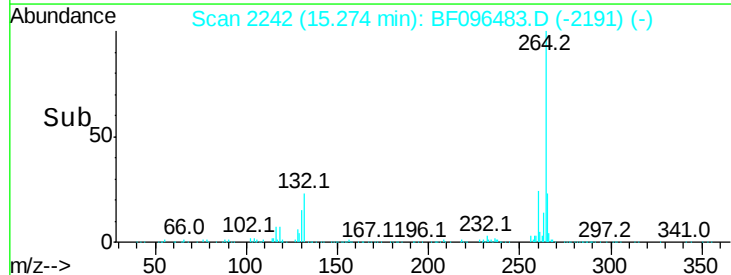
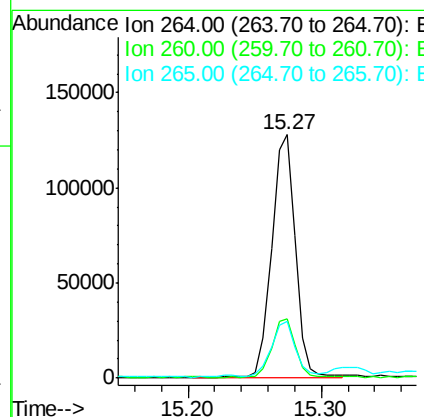
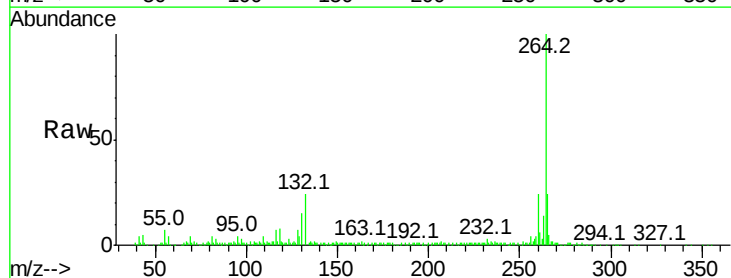
Instrument :
 BNA_F
 ClientSampleId :

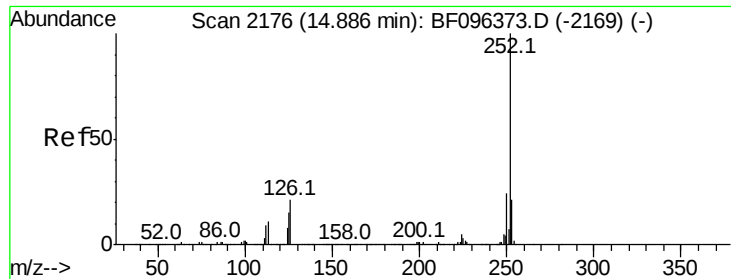
Tot Ion	Ratio	Lower	Upper
276	100		
138	30.0	27.8	41.6
277	22.6	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.27 min Scan# 2242
 Delta R.T. -0.00 min
 Lab File: BF096483.D
 Acq: 5 Jul 2017 14:53

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	23.5	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 39.23 ng

RT: 14.87 min Scan# 2174

Delta R.T. -0.00 min

Lab File: BF096483.D

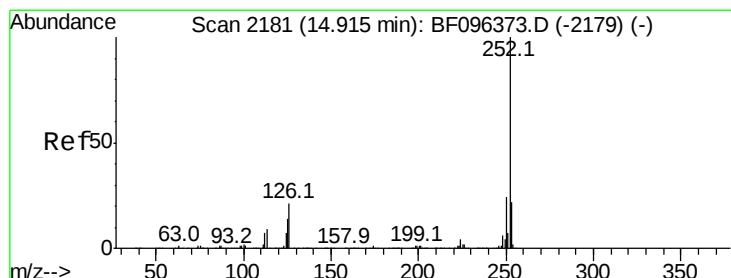
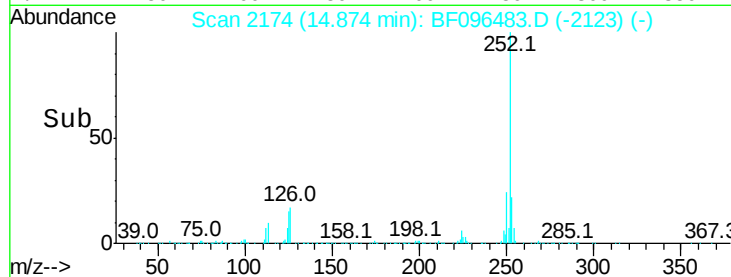
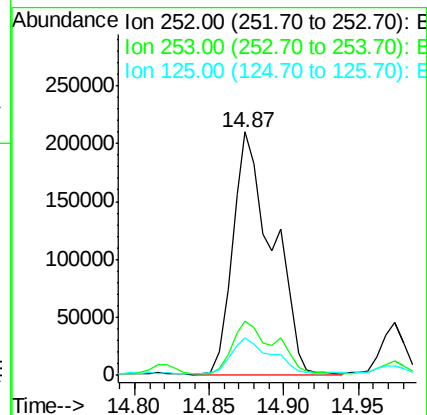
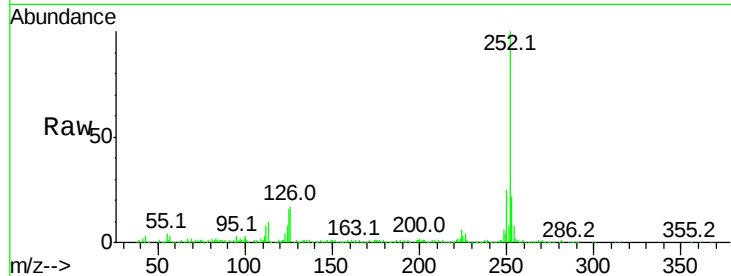
Acq: 5 Jul 2017 14:53

Instrument :

BNA_F

ClientSampleId :

Tot Ion:252	Resp:	386522
Ion Ratio	Lower	Upper
252	100	
253	22.3	18.1 27.1
125	15.6	9.8 14.8#



#88

Benzo(k)fluoranthene

Concen: 43.85 ng

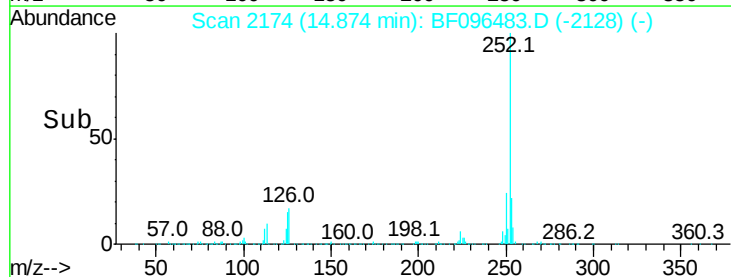
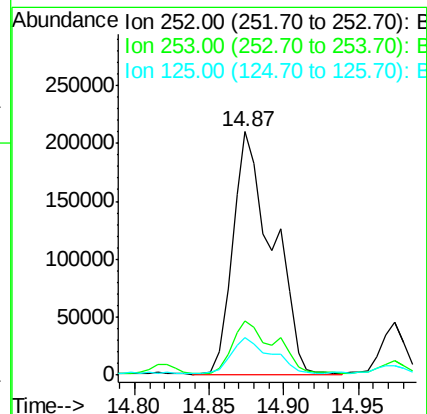
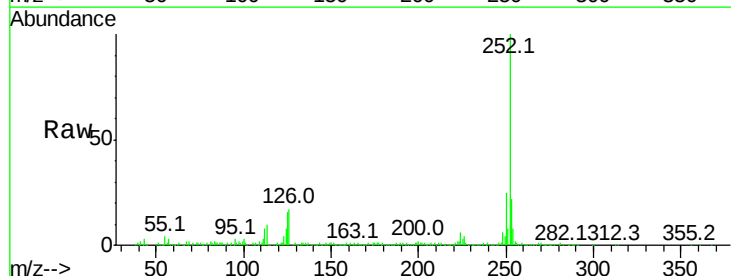
RT: 14.87 min Scan# 2174

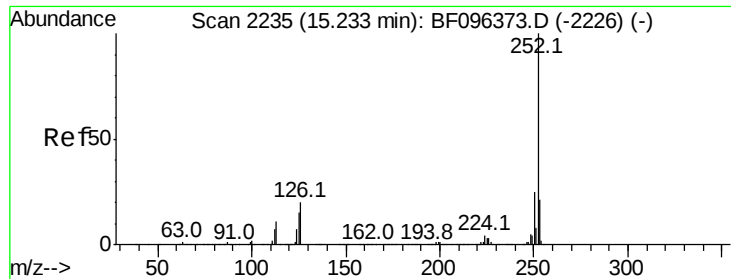
Delta R.T. -0.03 min

Lab File: BF096483.D

Acq: 5 Jul 2017 14:53

Tgt Ion:252	Resp:	386522
Ion Ratio	Lower	Upper
252	100	
253	22.3	18.4 27.6
125	15.6	13.1 19.7

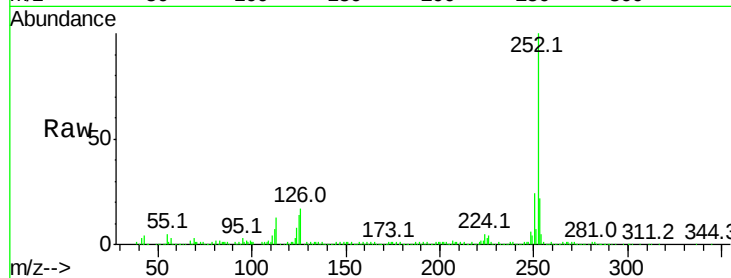




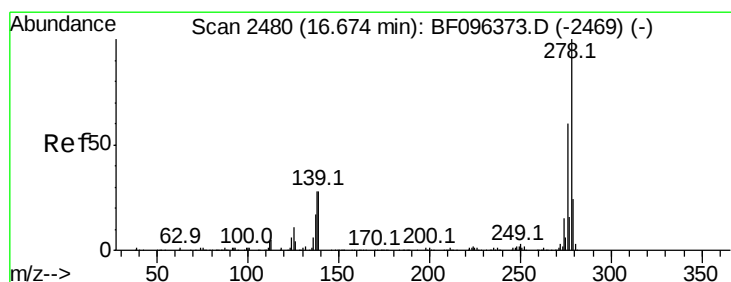
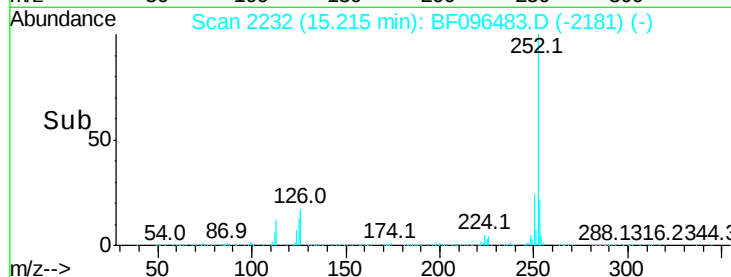
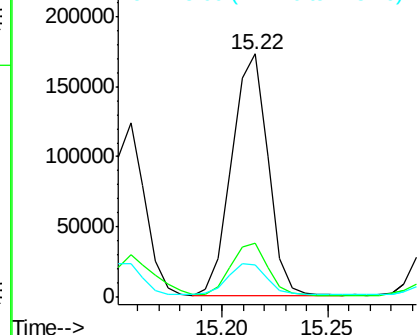
#89
Benzo(a)pyrene
Concen: 23.15 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.00 min
Lab File: BF096483.D
Acq: 5 Jul 2017 14:53

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	13.6	11.0	16.4

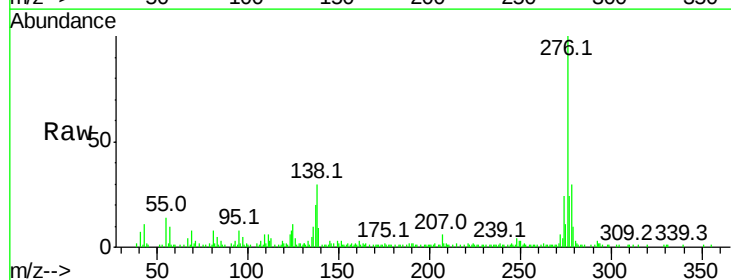


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

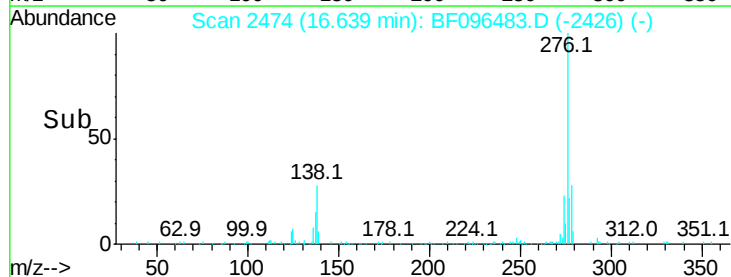
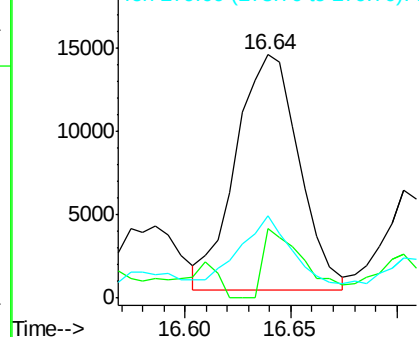


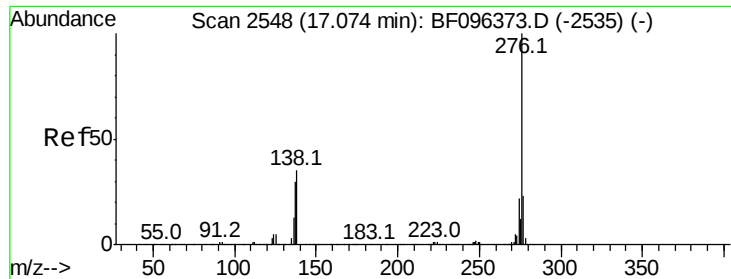
#90
Dibenzo(a,h)anthracene
Concen: 4.25 ng
RT: 16.64 min Scan# 2474
Delta R.T. -0.02 min
Lab File: BF096483.D
Acq: 5 Jul 2017 14:53

Tgt Ion	Ratio	Lower	Upper
278	100		
139	28.8	16.6	24.8#
279	34.0	19.3	28.9#



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: 14.12 ng

RT: 17.04 min Scan# 2542

Delta R.T. -0.01 min

Lab File: BF096483.D

Acq: 5 Jul 2017 14:53

Instrument :

BNA_F

ClientSampleId :

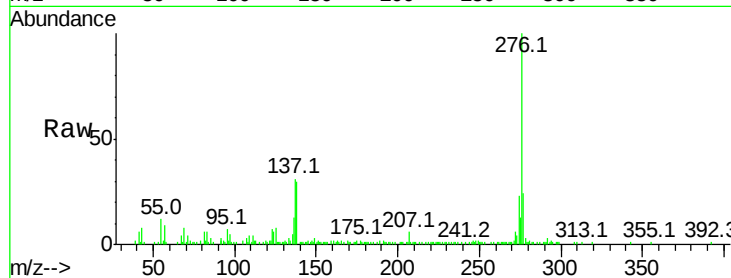
Tot Ion:276 Resp: 101236

Ion Ratio Lower Upper

276 100

277 23.6 18.6 28.0

138 30.3 25.4 38.0



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

