

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070517\
 Data File : BF096490.D
 Acq On : 5 Jul 2017 18:05
 Operator : SJ/MA
 Sample : I3876-07
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CAN-SB-10203040506-0-11

Quant Time: Jul 06 02:06:56 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

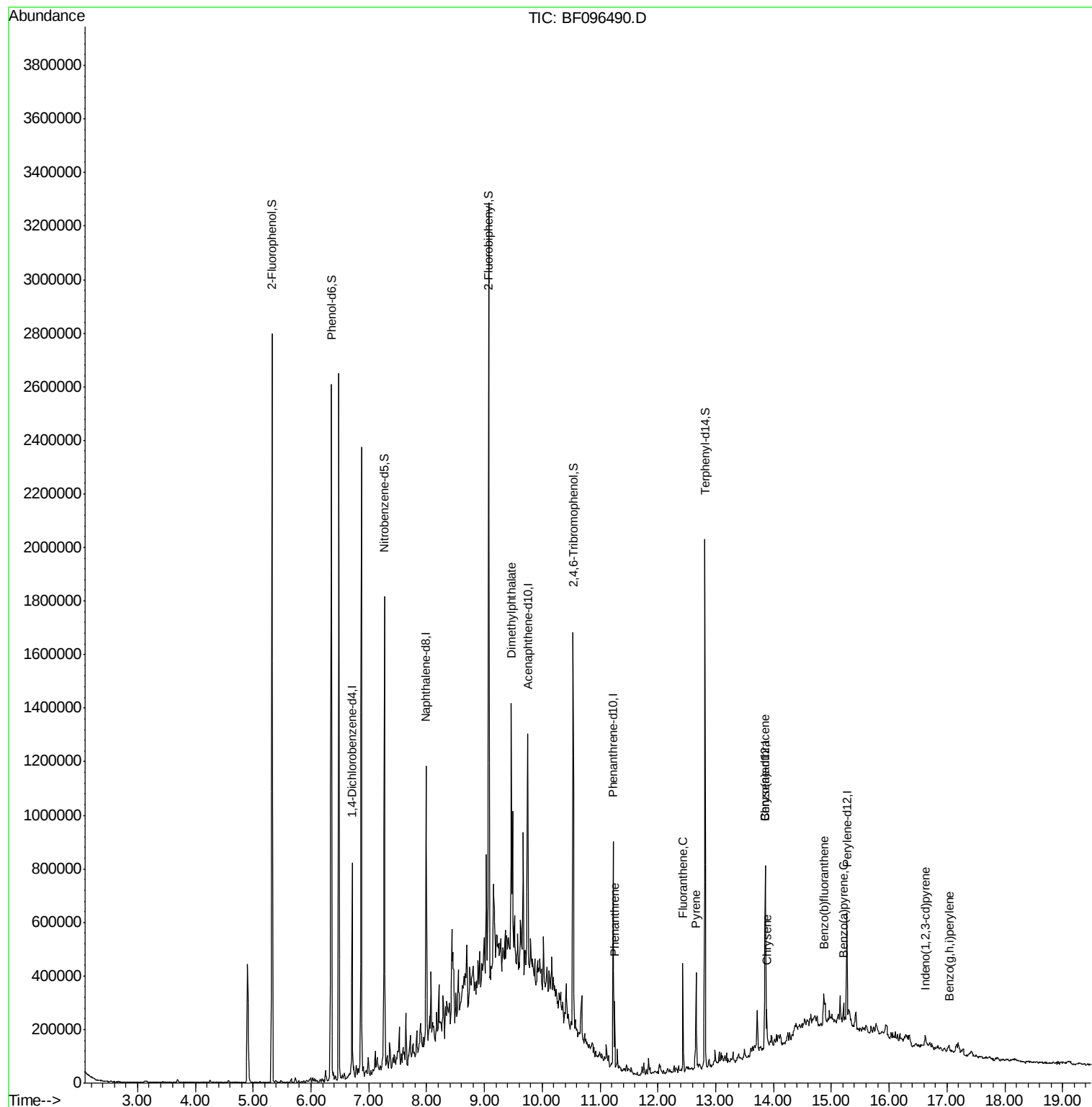
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	104152	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	419845	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	168802	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	272315	20.00	ng	0.00
75) Chrysene-d12	13.86	240	209192	20.00	ng	-0.01
86) Perylene-d12	15.27	264	164511	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	804680	114.03	ng	0.00
7) Phenol-d6	6.35	99	987237	113.80	ng	0.00
23) Nitrobenzene-d5	7.27	82	554413	79.35	ng	0.00
41) 2,4,6-Tribromophenol	10.53	330	168009	127.42	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	933831	94.59	ng	0.00
78) Terphenyl-d14	12.82	244	589681	60.23	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.47	163	192867	15.31	ng	Qvalue # 96
70) Phenanthrene	11.25	178	83191	5.65	ng	97
74) Fluoranthene	12.43	202	142080	9.84	ng	97
77) Pyrene	12.66	202	132295	7.88	ng	99
80) Benzo(a)anthracene	13.85	228	55962	4.62	ng	97
82) Chrysene	13.88	228	58557	4.62	ng	96
85) Indeno(1,2,3-cd)pyrene	16.62	276	20685	2.07	ng	# 90
87) Benzo(b)fluoranthene	14.87	252	59886m	5.81	ng	
89) Benzo(a)pyrene	15.21	252	36370	3.95	ng	# 92
91) Benzo(g,h,i)perylene	17.03	276	19962	2.66	ng	96

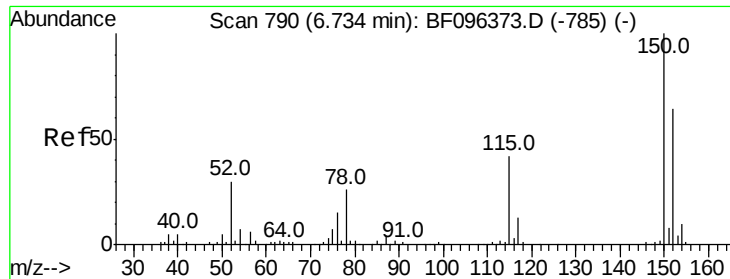
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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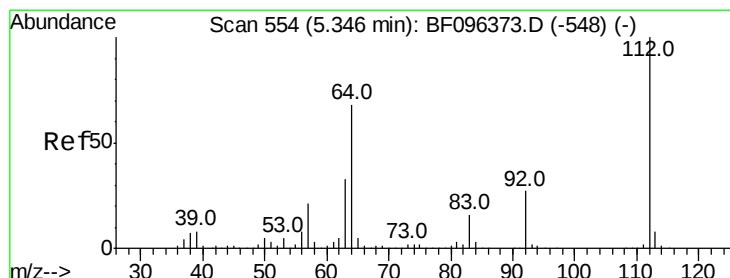
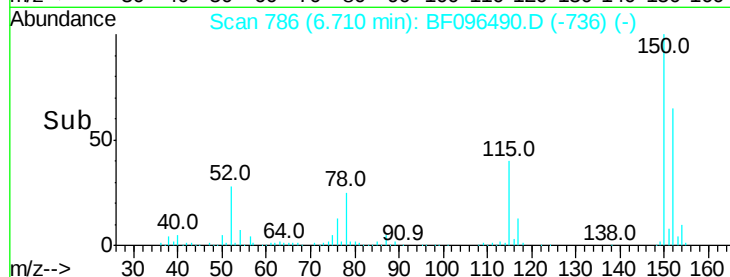
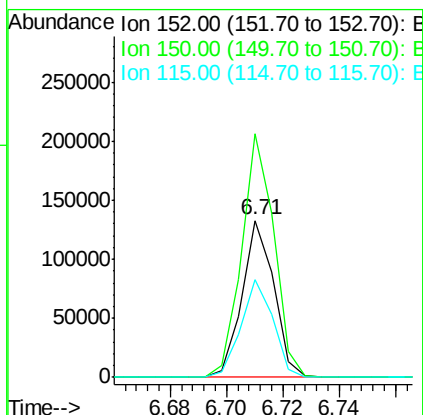
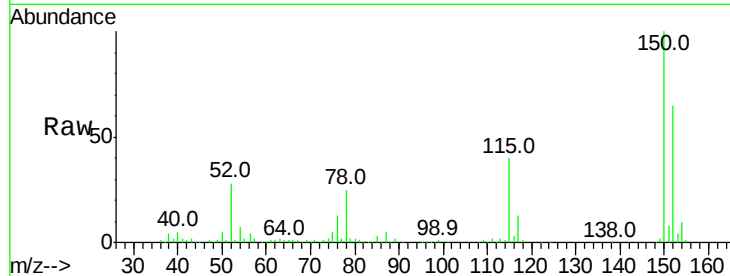


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF096490.D
Acq: 5 Jul 2017 18:05

Instrument :
BNA_F
ClientSampleId :
CAN-SB-10203040506-0-11

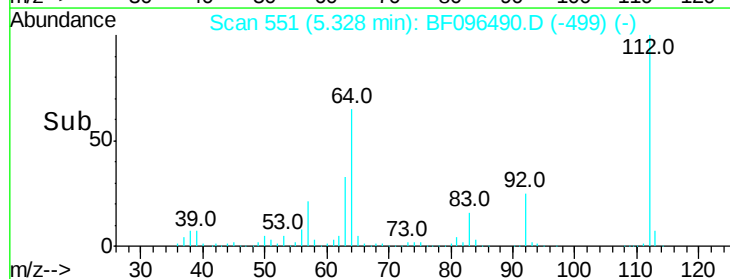
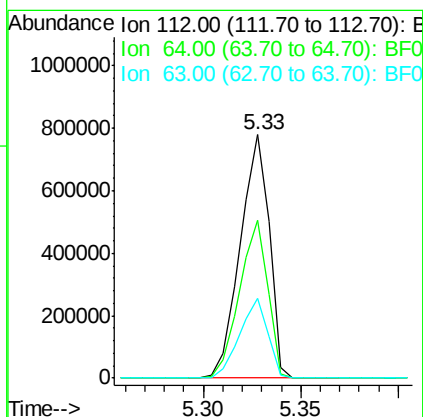
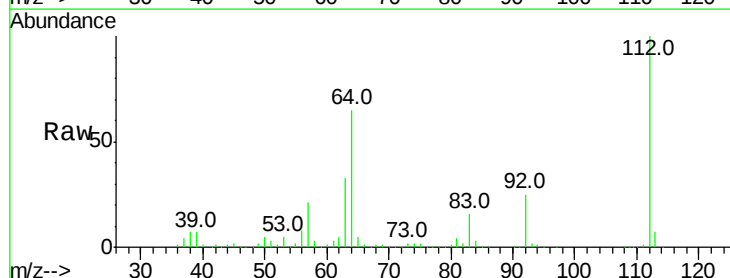
Tot Ion:152 Resp: 104152
Ion Ratio Lower Upper
152 100
150 155.0 126.2 189.2
115 61.8 52.2 78.2

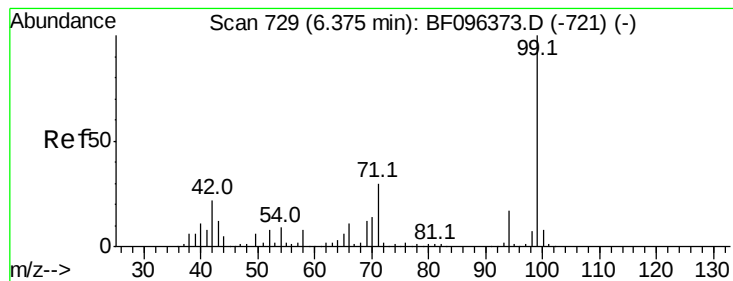


#5

2-Fluorophenol
Concen: 114.03 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF096490.D
Acq: 5 Jul 2017 18:05

Tgt Ion:112 Resp: 804680
Ion Ratio Lower Upper
112 100
64 64.6 46.0 69.0
63 32.8 23.4 35.0





#7

Phenol-d6

Concen: 113.80 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF096490.D

Acq: 5 Jul 2017 18:05

Instrument :

BNA_F

ClientSampleId :

CAN-SB-10203040506-0-11

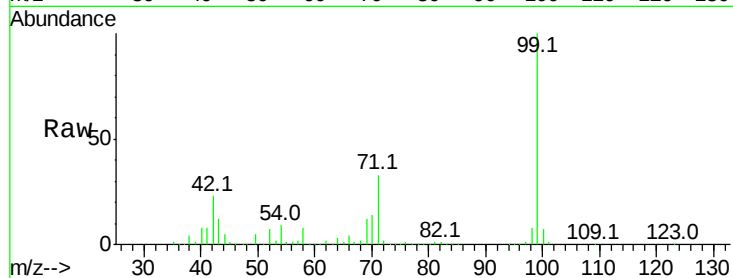
Tot Ion: 99 Resp: 987237

Ion Ratio Lower Upper

99 100

42 22.6 13.5 20.3#

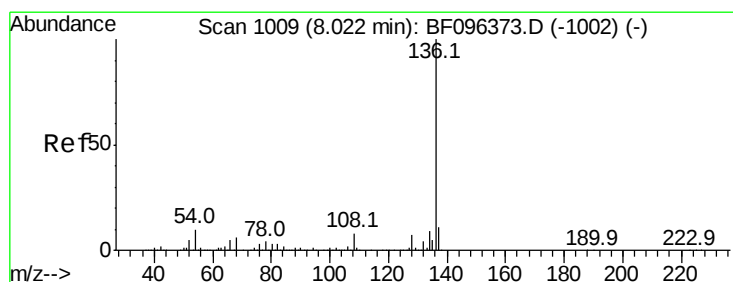
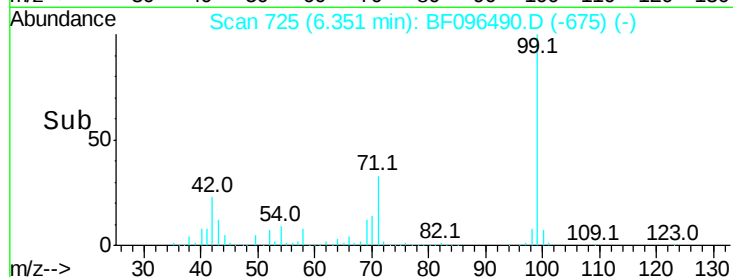
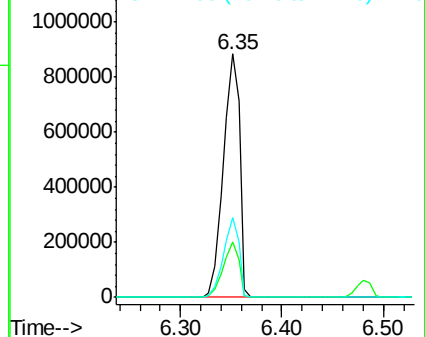
71 32.8 24.5 36.7



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.99 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF096490.D

Acq: 5 Jul 2017 18:05

Tgt Ion: 136 Resp: 419845

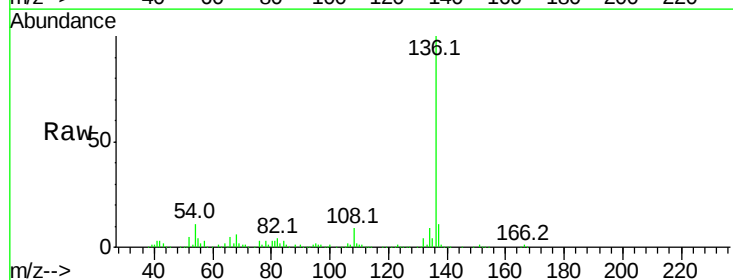
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 10.7 4.9 7.3#

68 5.9 4.1 6.1

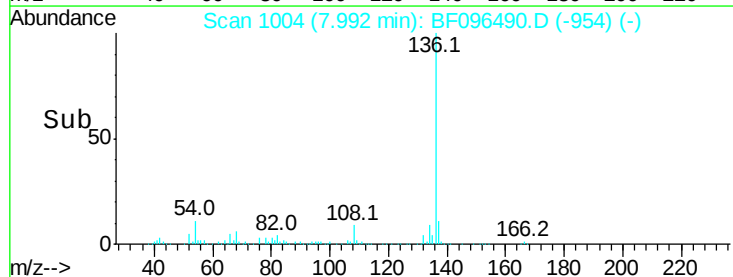
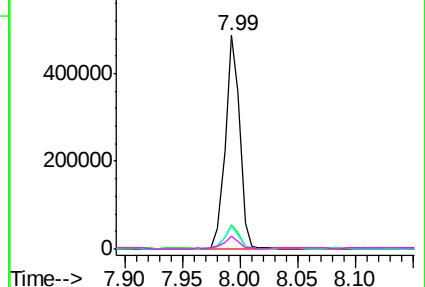


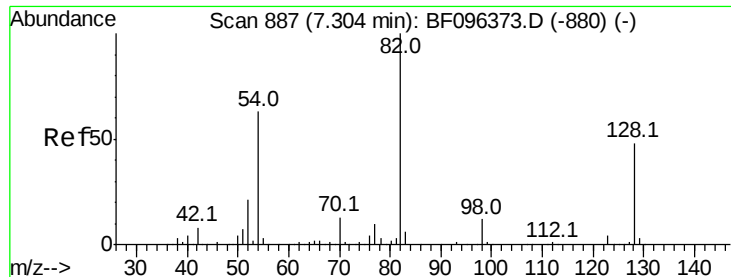
Abundance Ion 136.00 (135.70 to 136.70): E

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

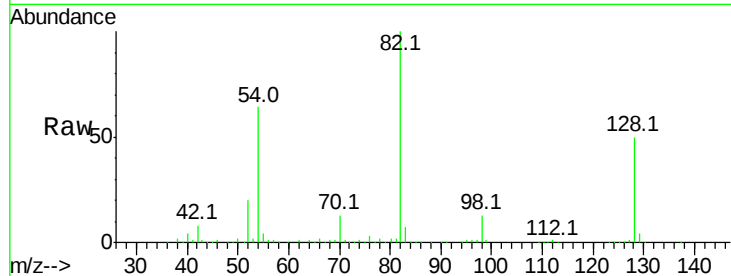




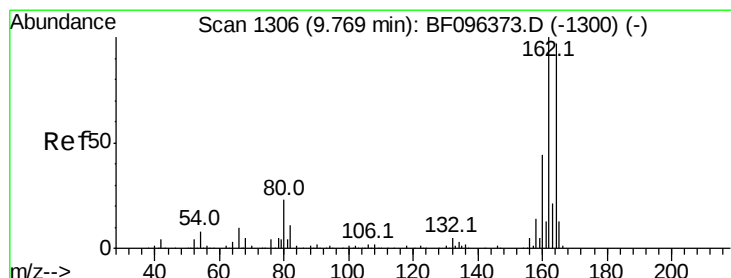
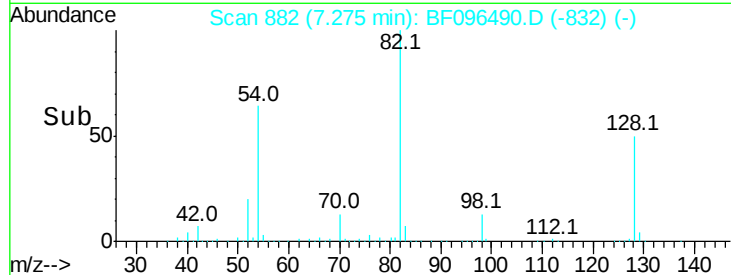
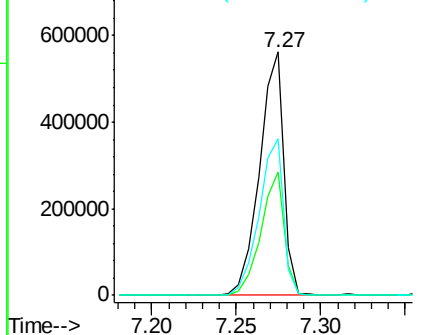
#23
 Nitrobenzene-d5
 Concen: 79.35 ng
 RT: 7.27 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF096490.D
 Acq: 5 Jul 2017 18:05

Instrument :
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 CAN-SB-10203040506-0-11

Tot Ion: 82 Resp: 554413
 Ion Ratio Lower Upper
 82 100
 128 50.4 34.0 51.0
 54 64.2 42.2 63.2#

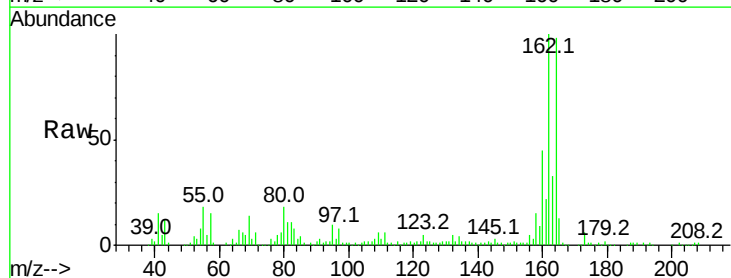


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

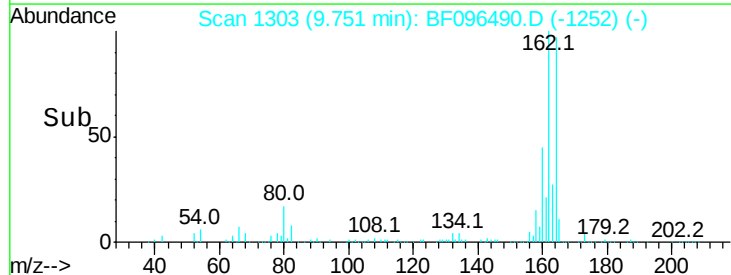
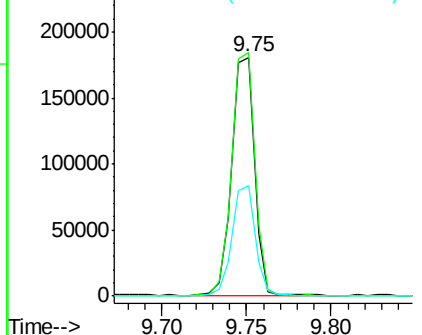


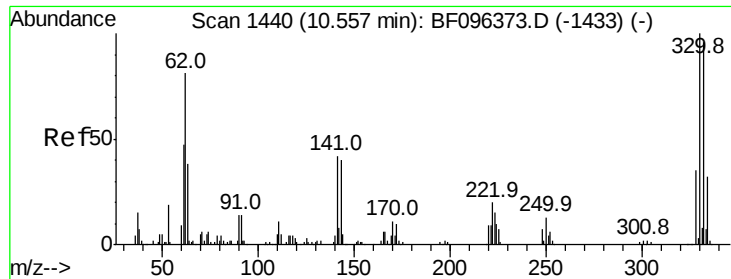
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.00 min
 Lab File: BF096490.D
 Acq: 5 Jul 2017 18:05

Tgt Ion:164 Resp: 168802
 Ion Ratio Lower Upper
 164 100
 162 101.8 82.6 123.8
 160 46.0 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

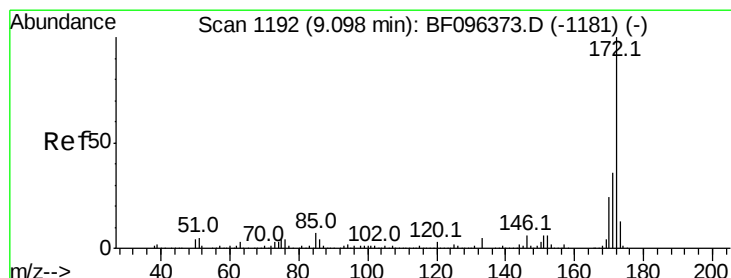
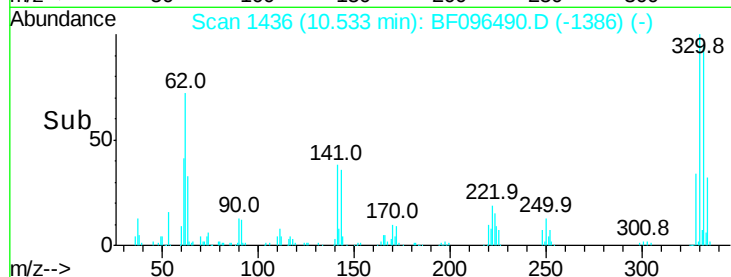
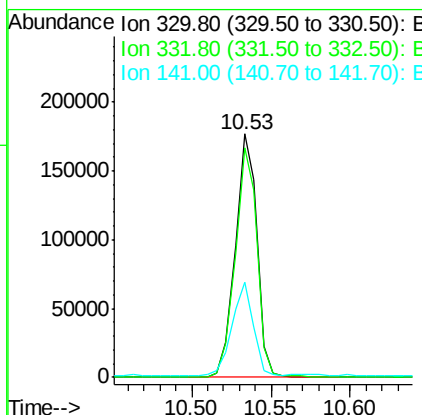
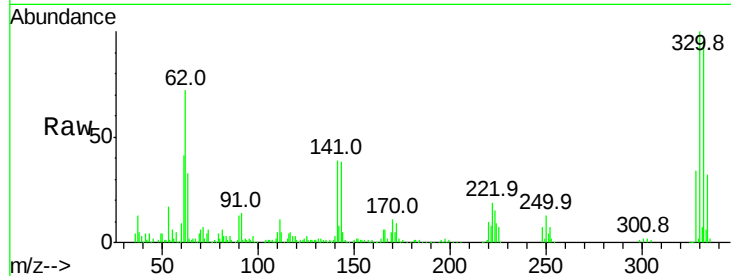




#41
 2,4,6-Tribromophenol
 Concen: 127.42 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. -0.01 min
 Lab File: BF096490.D
 Acq: 5 Jul 2017 18:05

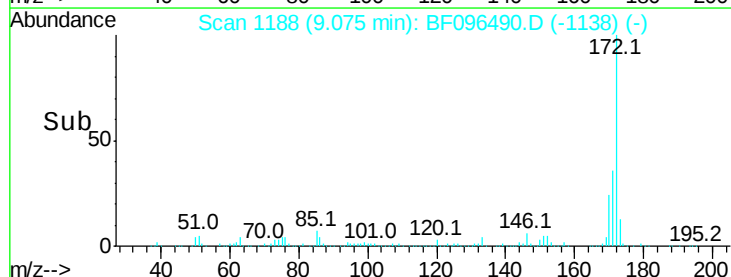
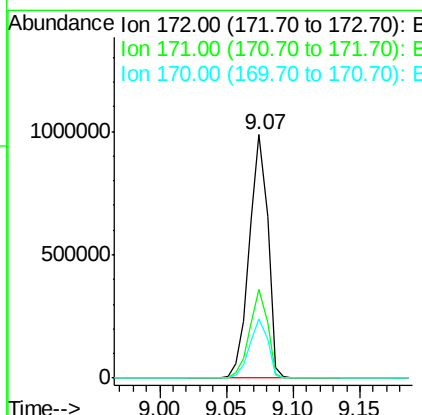
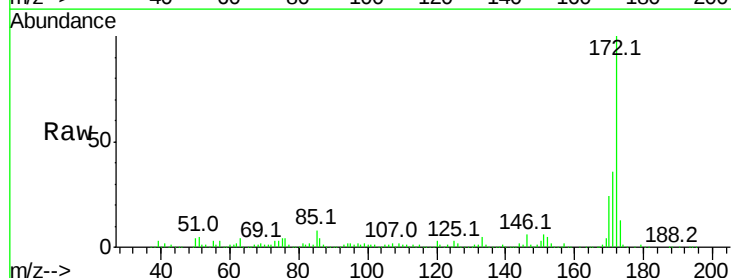
Instrument :
 BNA_F
 ClientSampleId :
 CAN-SB-10203040506-0-11

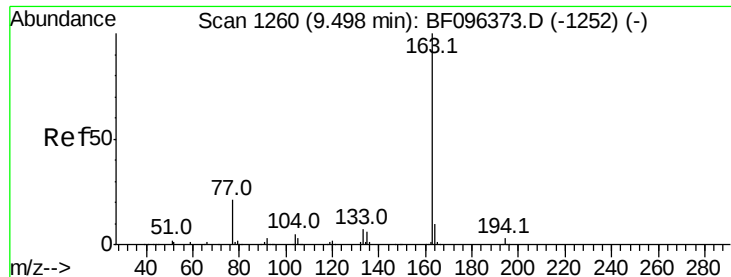
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	76.6	115.0
141	37.3	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 94.59 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF096490.D
 Acq: 5 Jul 2017 18:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	24.4	19.8	29.8

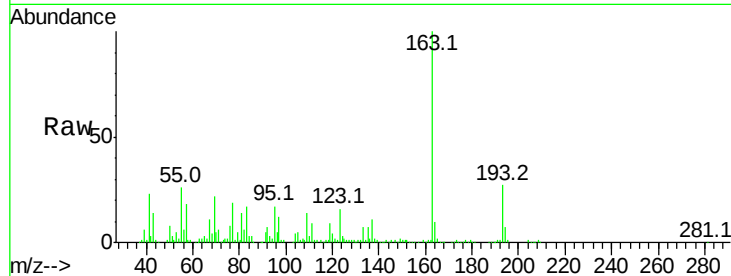




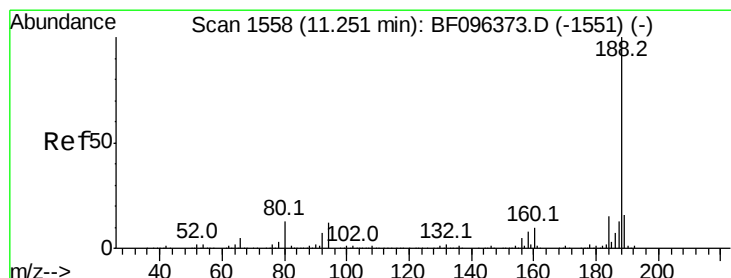
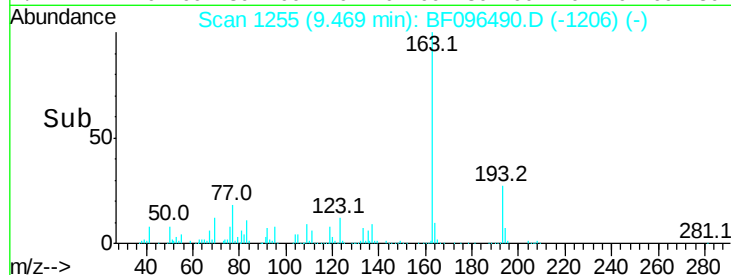
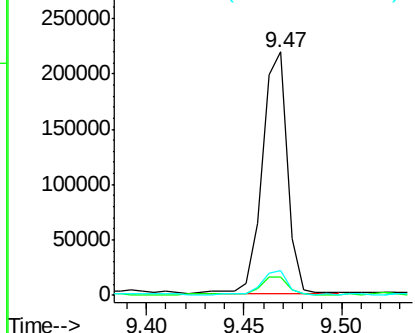
#49
Dimethylphthalate
Concen: 15.31 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF096490.D
Acq: 5 Jul 2017 18:05

Instrument :
BNA_F
ClientSampleId :
CAN-SB-10203040506-0-11

Tot Ion:163 Resp: 192867
Ion Ratio Lower Upper
163 100
194 7.3 2.6 4.0#
164 9.9 8.4 12.6

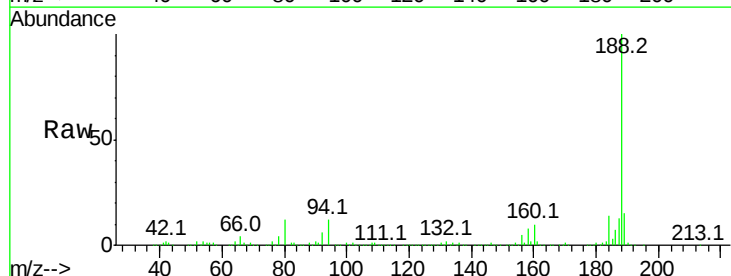


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

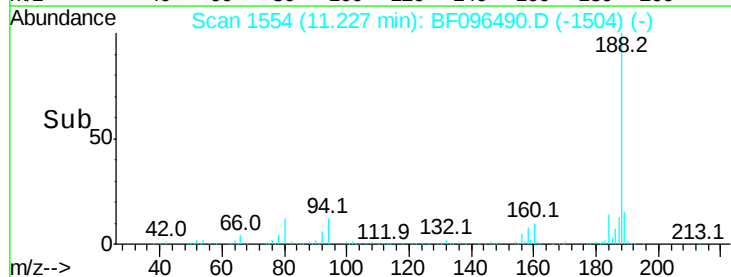
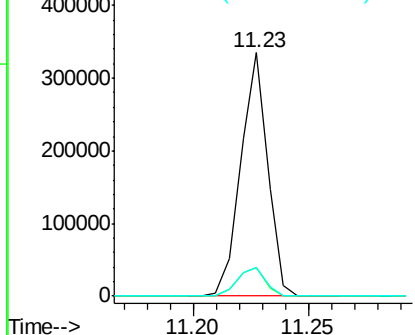


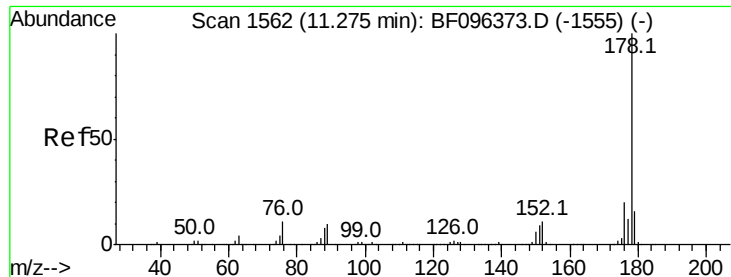
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.01 min
Lab File: BF096490.D
Acq: 5 Jul 2017 18:05

Tgt Ion:188 Resp: 272315
Ion Ratio Lower Upper
188 100
94 11.9 9.4 14.2
80 11.9 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





#70

Phenanthrene

Concen: 5.65 ng

RT: 11.25 min Scan# 1558

Delta R.T. -0.01 min

Lab File: BF096490.D

Acq: 5 Jul 2017 18:05

Instrument :

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ClientSampleId :

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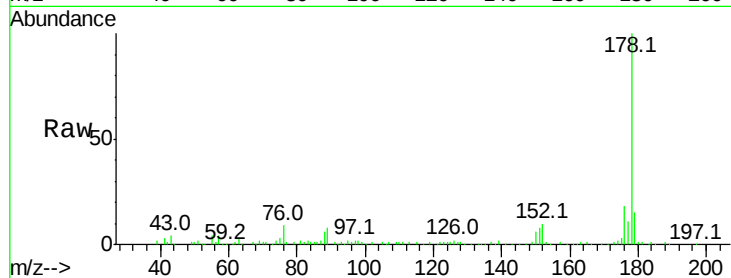
Tot Ion:178 Resp: 83191

Ion Ratio Lower Upper

178 100

176 18.3 16.2 24.4

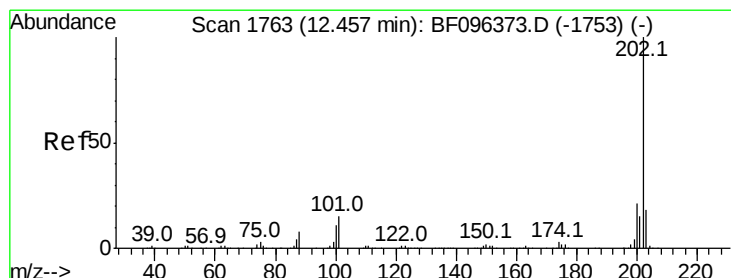
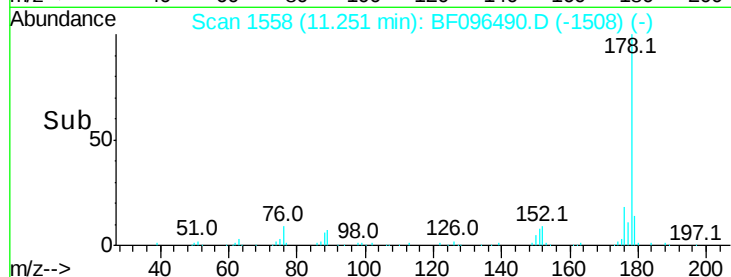
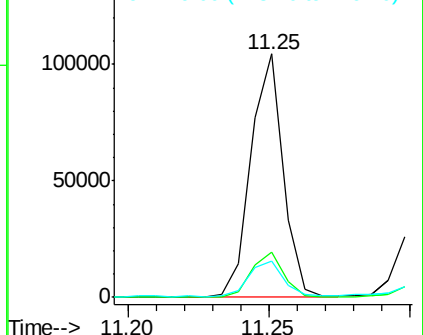
179 14.9 12.6 19.0



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



#74

Fluoranthene

Concen: 9.84 ng

RT: 12.43 min Scan# 1759

Delta R.T. -0.01 min

Lab File: BF096490.D

Acq: 5 Jul 2017 18:05

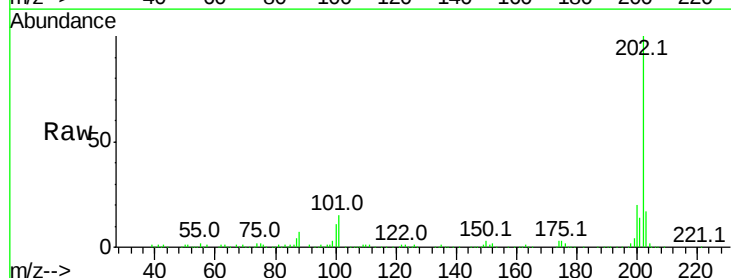
Tgt Ion:202 Resp: 142080

Ion Ratio Lower Upper

202 100

101 14.7 0.0 33.2

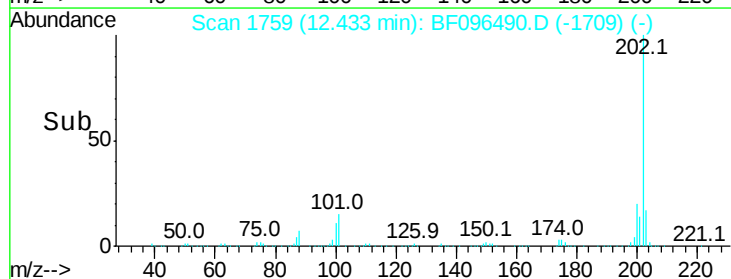
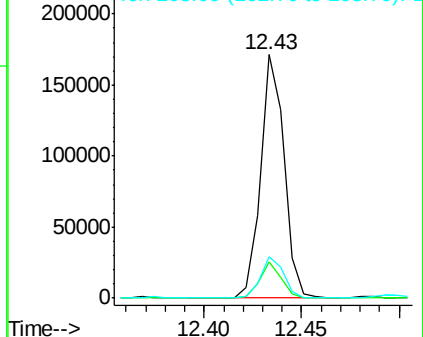
203 16.8 0.0 38.1

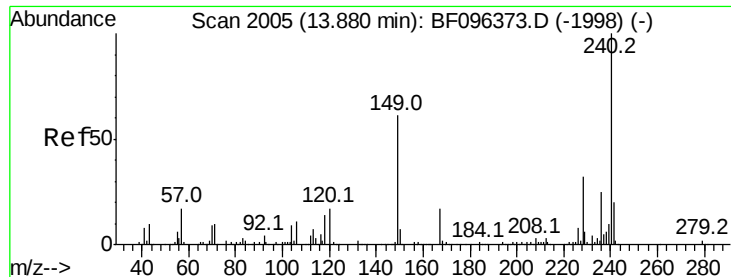


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.86 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BF096490.D

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CAN-SB-10203040506-0-11

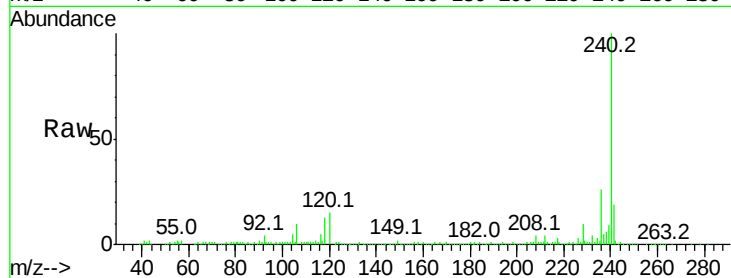
Tot Ion:240 Resp: 209192

Ion Ratio Lower Upper

240 100

120 15.2 5.8 8.8#

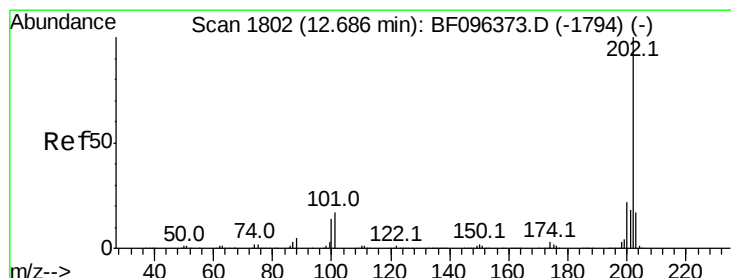
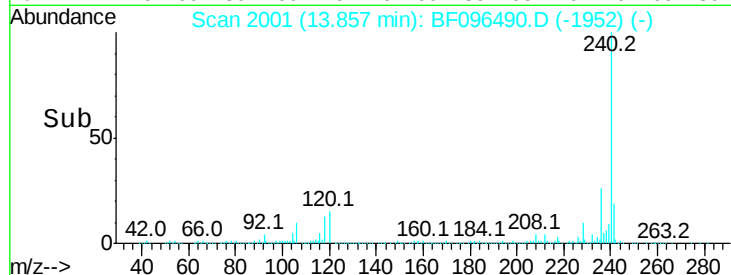
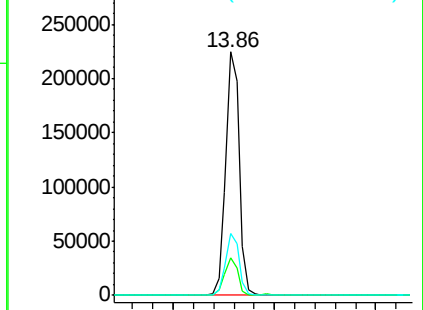
236 25.5 20.5 30.7



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: 7.88 ng

RT: 12.66 min Scan# 1798

Delta R.T. -0.01 min

Lab File: BF096490.D

Acq: 5 Jul 2017 18:05

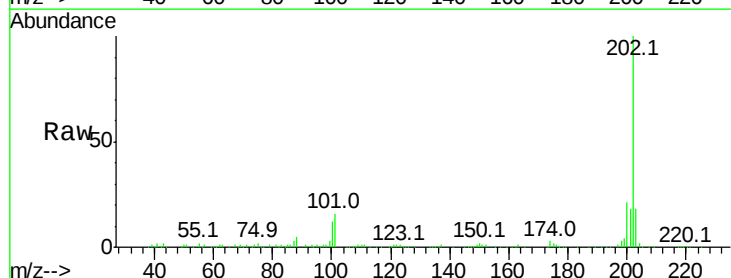
Tgt Ion:202 Resp: 132295

Ion Ratio Lower Upper

202 100

200 21.3 17.6 26.4

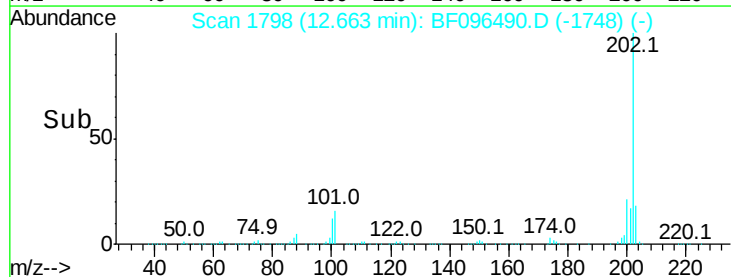
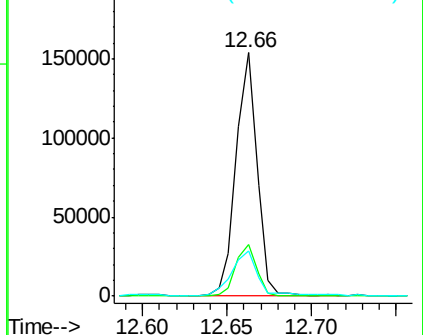
203 18.3 14.4 21.6

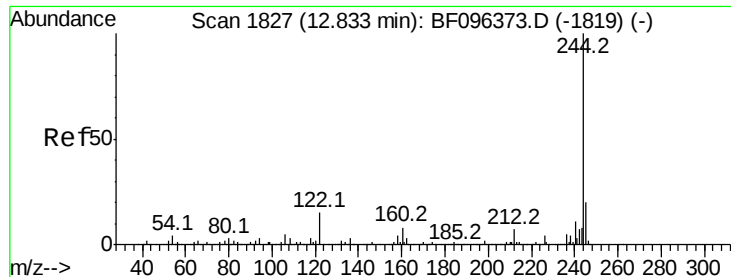


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 60.23 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.00 min

Lab File: BF096490.D

Acq: 5 Jul 2017 18:05

Instrument :

BNA_F

ClientSampleId :

CAN-SB-10203040506-0-11

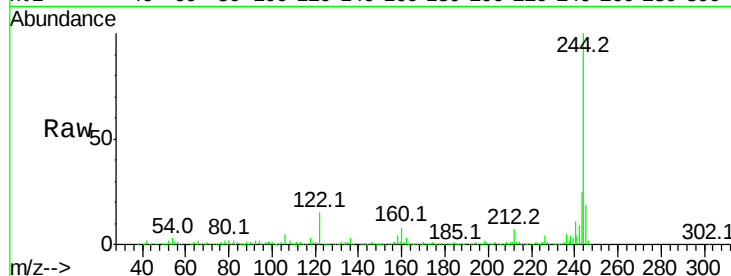
Tot Ion:244 Resp: 589681

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

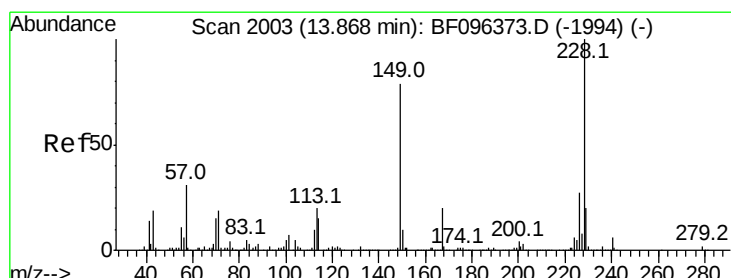
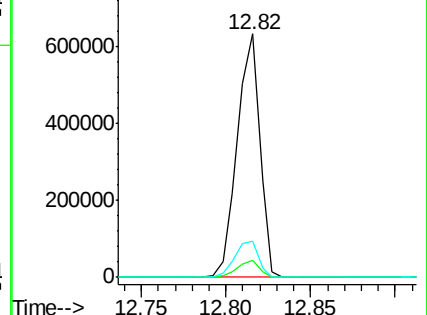
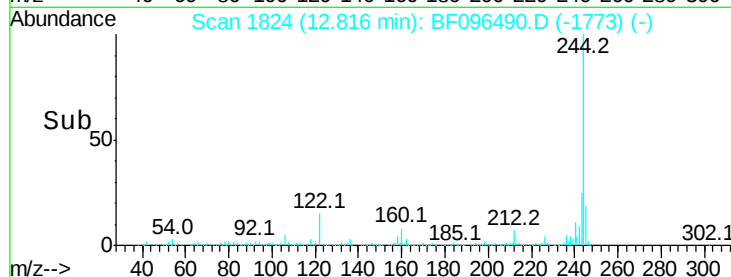
122 14.7 10.3 15.5



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: 4.62 ng

RT: 13.85 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BF096490.D

Acq: 5 Jul 2017 18:05

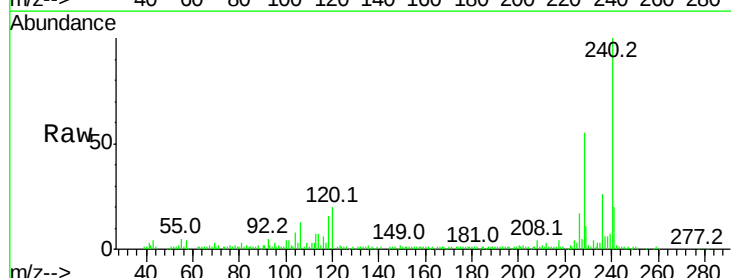
Tgt Ion:228 Resp: 55962

Ion Ratio Lower Upper

228 100

226 29.9 22.6 33.8

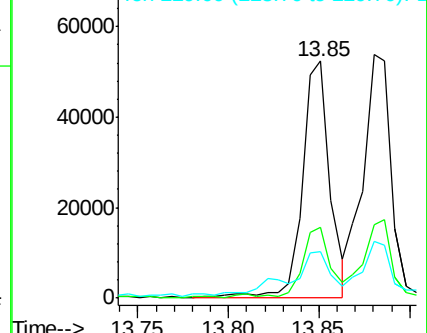
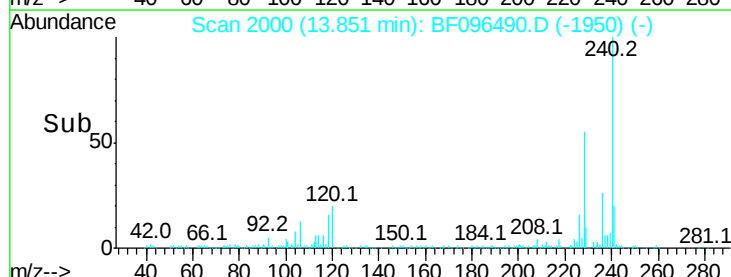
229 19.5 16.3 24.5

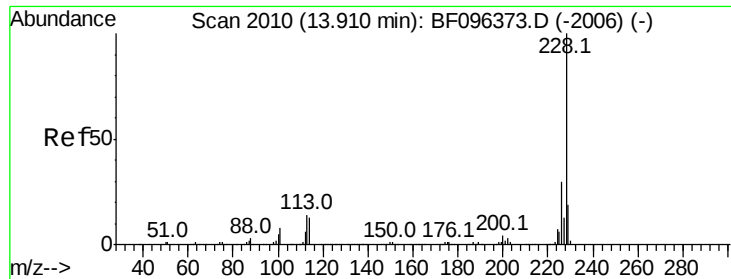


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 4.62 ng

RT: 13.88 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BF096490.D

Acq: 5 Jul 2017 18:05

Instrument :

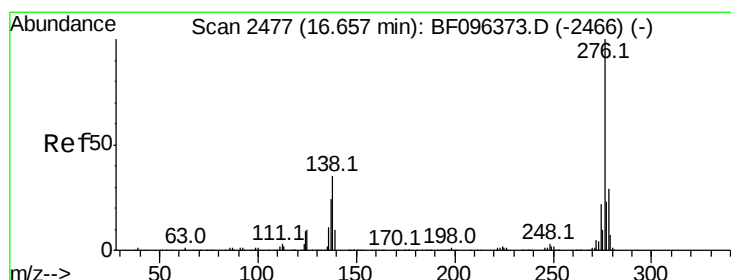
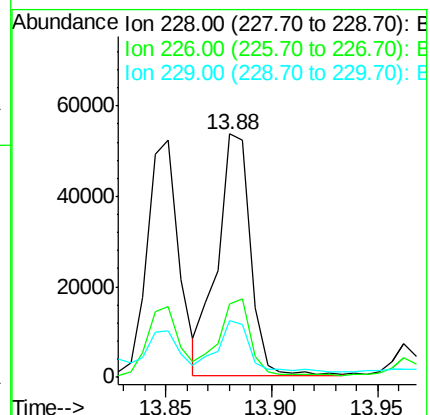
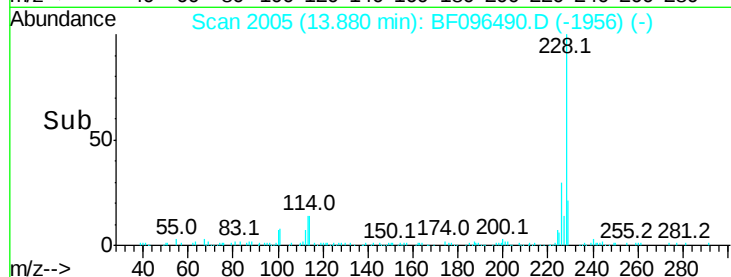
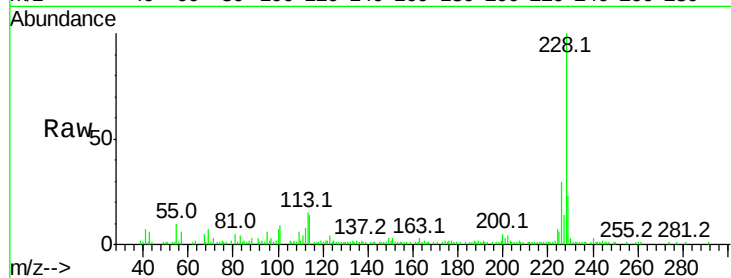
BNA_F

ClientSampleId :

CAN-SB-10203040506-0-11

Tot Ion:228 Resp: 58557

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.9	37.3
229	23.2	15.8	23.6



#85

Indeno(1,2,3-cd)pyrene

Concen: 2.07 ng

RT: 16.62 min Scan# 2471

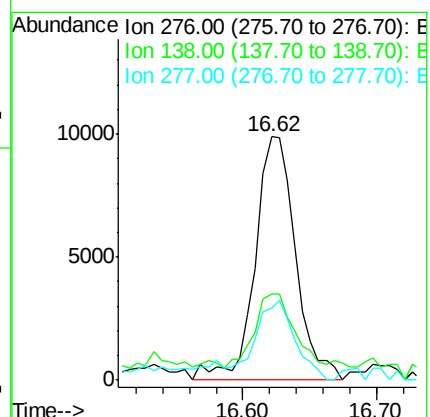
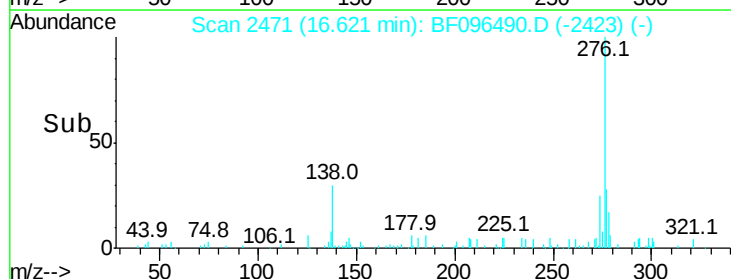
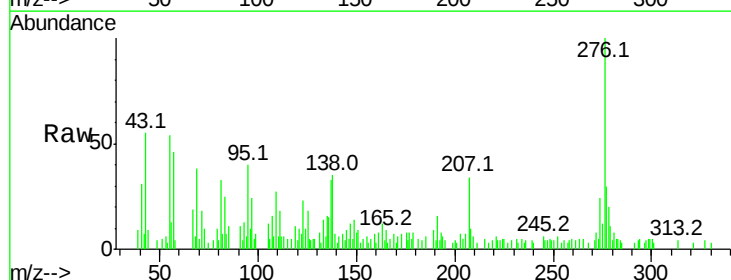
Delta R.T. -0.02 min

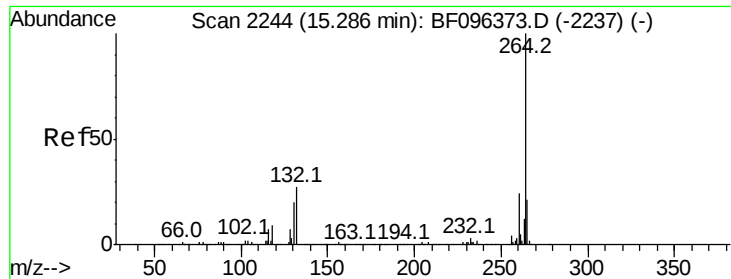
Lab File: BF096490.D

Acq: 5 Jul 2017 18:05

Tgt Ion:276 Resp: 20685

Ion	Ratio	Lower	Upper
276	100		
138	30.3	27.8	41.6
277	31.6	20.2	30.4

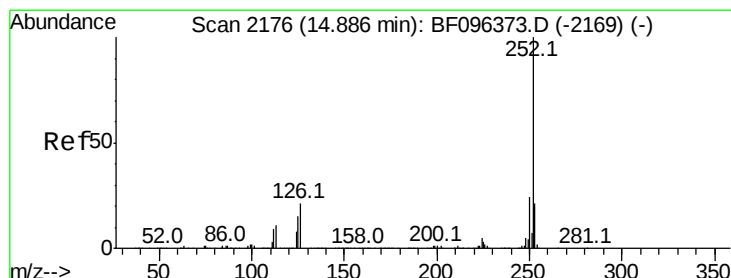
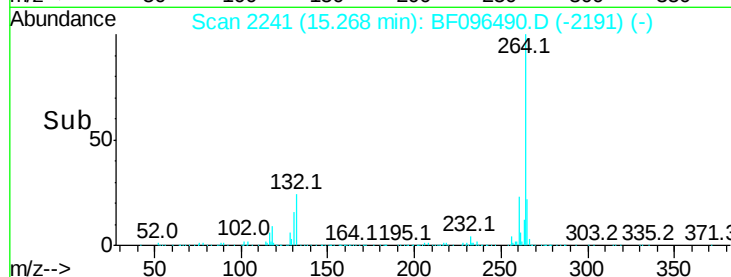
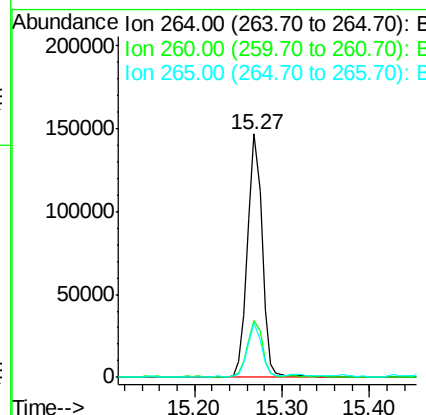
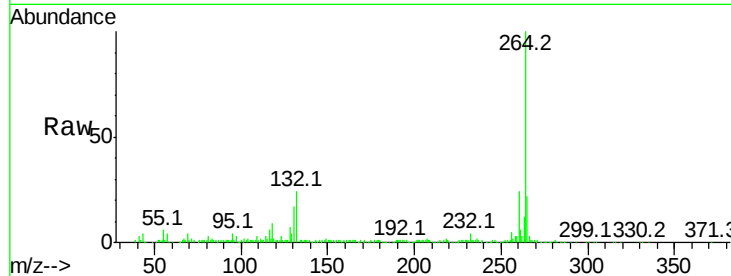




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.01 min
Lab File: BF096490.D
Acq: 5 Jul 2017 18:05

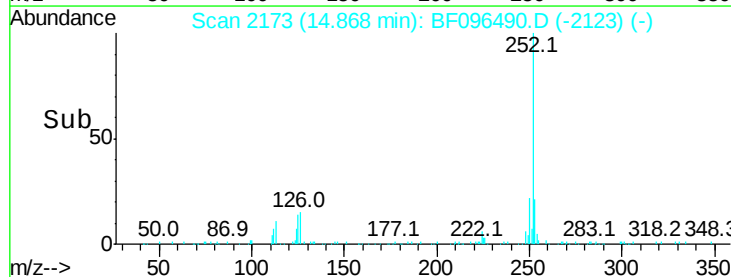
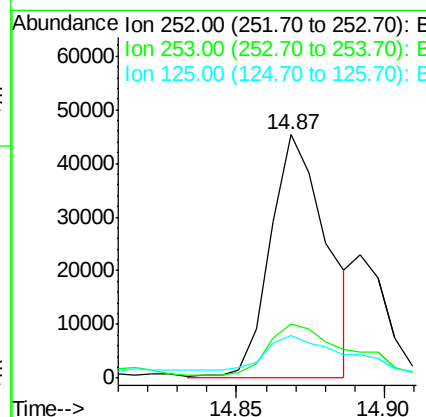
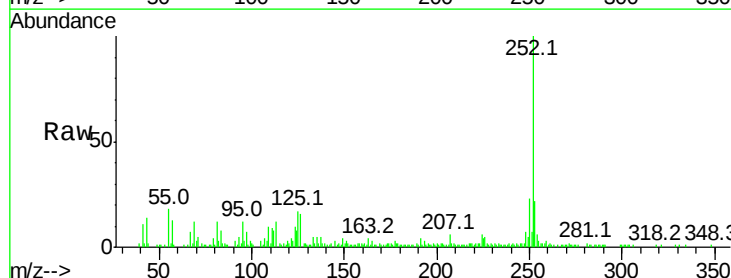
Instrument :
BNA_F
ClientSampleId :
CAN-SB-10203040506-0-11

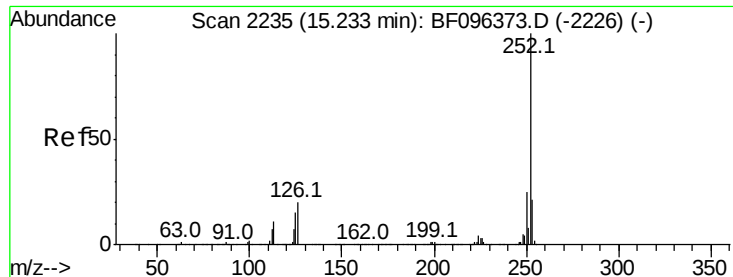
Tot Ion:264 Resp: 164511
Ion Ratio Lower Upper
264 100
260 23.6 19.5 29.3
265 22.3 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 5.81 ng m
RT: 14.87 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BF096490.D
Acq: 5 Jul 2017 18:05

Tgt Ion:252 Resp: 59886
Ion Ratio Lower Upper
252 100
253 22.0 18.1 27.1
125 17.4 9.8 14.8#

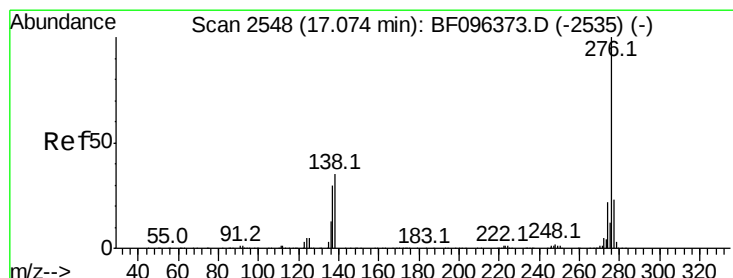
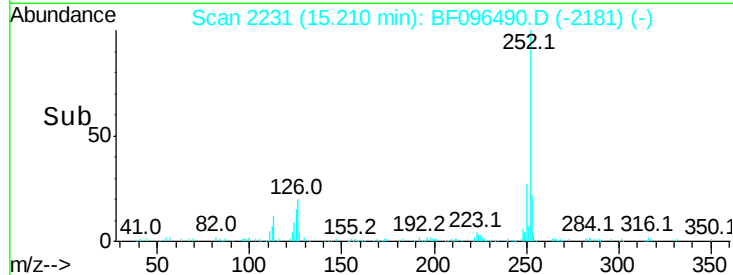
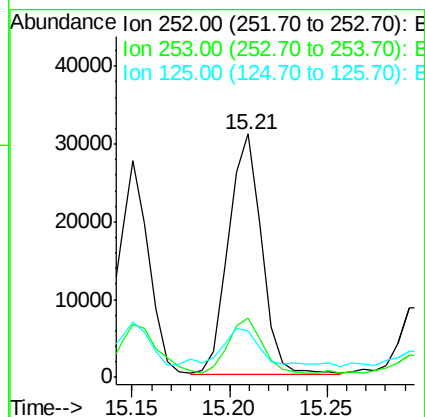
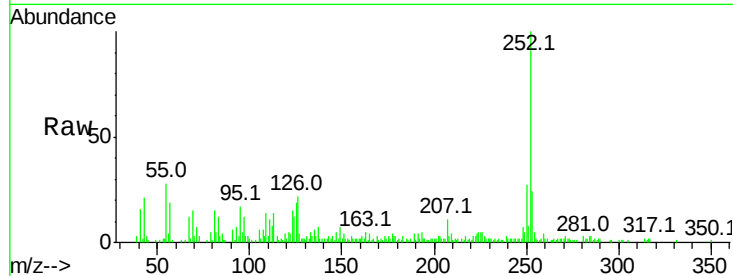




#89
Benzo(a)pyrene
Concen: 3.95 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.01 min
Lab File: BF096490.D
Acq: 5 Jul 2017 18:05

Instrument :
BNA_F
ClientSampleId :
CAN-SB-10203040506-0-11

Tot Ion:252 Resp: 36370
Ion Ratio Lower Upper
252 100
253 24.3 17.5 26.3
125 19.1 11.0 16.4#



#91
Benzo(g,h,i)perylene
Concen: 2.66 ng
RT: 17.03 min Scan# 2541
Delta R.T. -0.02 min
Lab File: BF096490.D
Acq: 5 Jul 2017 18:05

Tgt Ion:276 Resp: 19962
Ion Ratio Lower Upper
276 100
277 24.5 18.6 28.0
138 34.7 25.4 38.0

