

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070517\
 Data File : BF096477.D
 Acq On : 5 Jul 2017 12:08
 Operator : SJ/MA
 Sample : I4007-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP2-MH2094-COMP

Quant Time: Jul 05 13:54:32 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

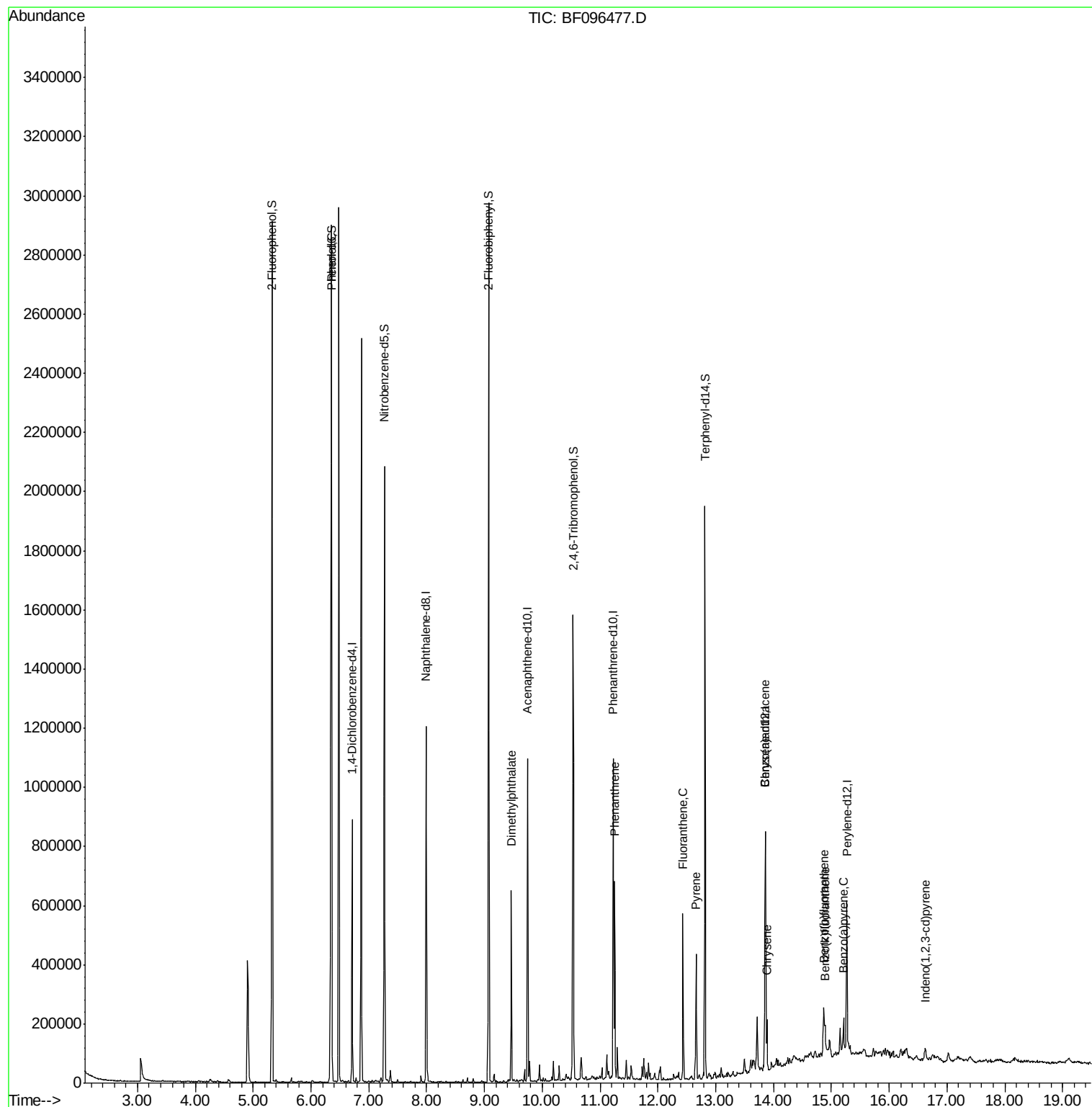
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	127681	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	524551	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	223814	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	364078	20.00	ng	0.00
75) Chrysene-d12	13.86	240	237756	20.00	ng	0.00
86) Perylene-d12	15.27	264	212870	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	836440	96.69	ng	0.00
7) Phenol-d6	6.35	99	1133993	106.63	ng	0.00
23) Nitrobenzene-d5	7.27	82	653786	74.90	ng	0.00
41) 2,4,6-Tribromophenol	10.53	330	174903	100.04	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	906332	69.24	ng	0.00
78) Terphenyl-d14	12.82	244	560149	50.34	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.36	94	60498	4.99	ng	91
49) Dimethylphthalate	9.47	163	263761	15.79	ng	98
70) Phenanthrene	11.25	178	219492	11.15	ng	98
74) Fluoranthene	12.43	202	225351	11.68	ng	97
77) Pyrene	12.66	202	157557	8.26	ng	97
80) Benzo(a)anthracene	13.85	228	67022	4.87	ng	98
82) Chrysene	13.89	228	66943	4.64	ng	99
85) Indeno(1,2,3-cd)pyrene	16.62	276	24296	2.13	ng	93
87) Benzo(b)fluoranthene	14.87	252	76846m	5.76	ng	
88) Benzo(k)fluoranthene	14.89	252	26140m	2.19	ng	
89) Benzo(a)pyrene	15.21	252	47681	4.00	ng	97

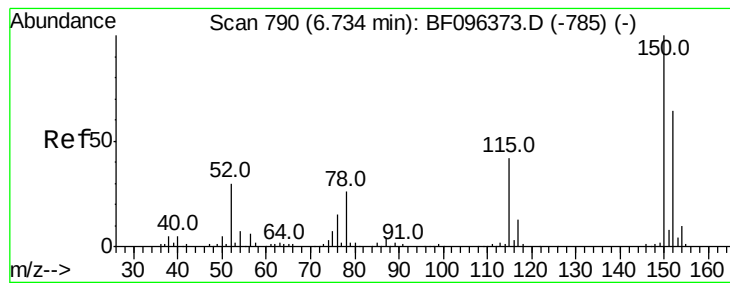
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF096477.D

Acq: 5 Jul 2017 12:08

Instrument :

BNA_F

ClientSampleId :

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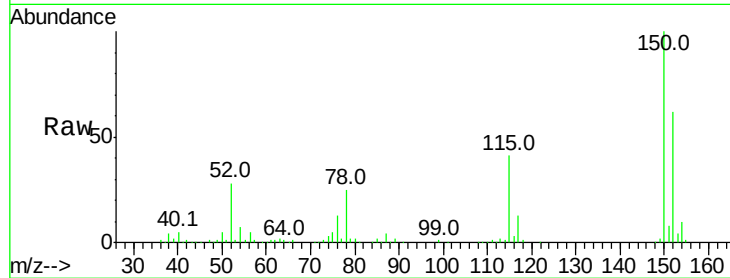
Tot Ion:152 Resp: 127681

Ion Ratio Lower Upper

152 100

150 160.6 126.2 189.2

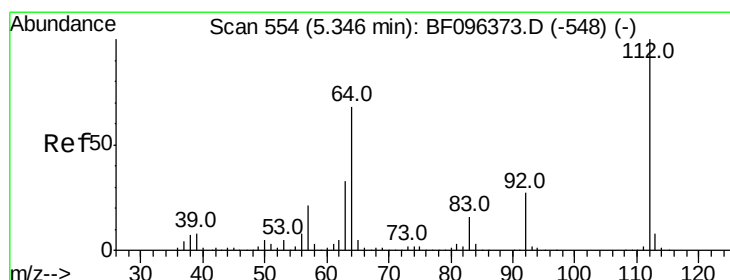
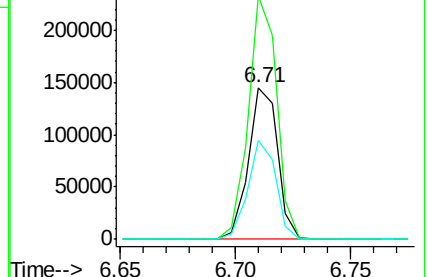
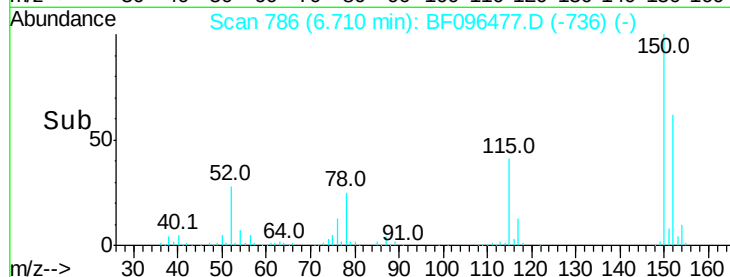
115 65.1 52.2 78.2



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: 96.69 ng

RT: 5.33 min Scan# 551

Delta R.T. 0.01 min

Lab File: BF096477.D

Acq: 5 Jul 2017 12:08

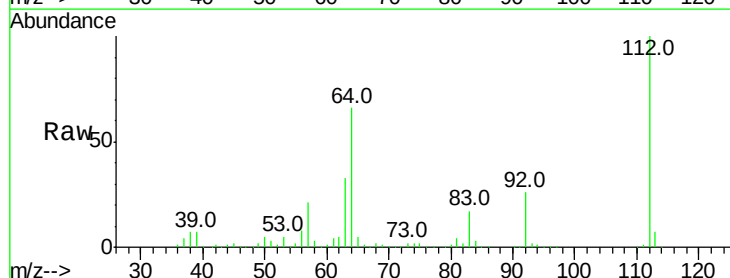
Tgt Ion:112 Resp: 836440

Ion Ratio Lower Upper

112 100

64 66.2 46.0 69.0

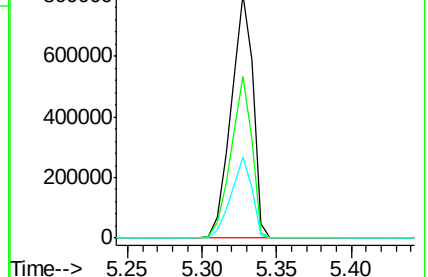
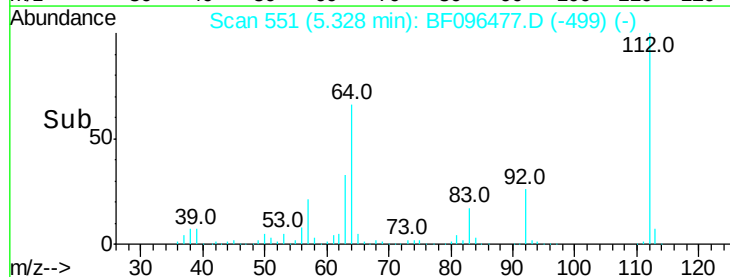
63 33.1 23.4 35.0

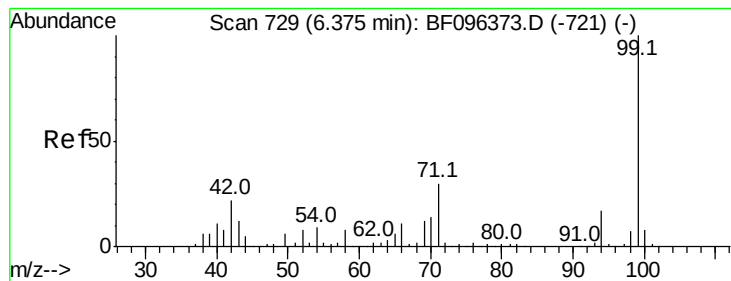


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 106.63 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF096477.D

Acq: 5 Jul 2017 12:08

Instrument :

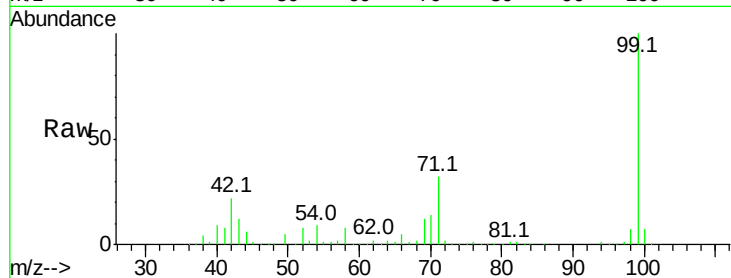
BNA_F

ClientSampleId :

TP2-MH2094-COMP

Tot Ion: 99 Resp: 1133993

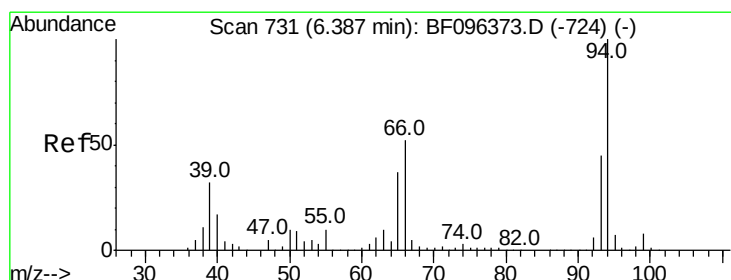
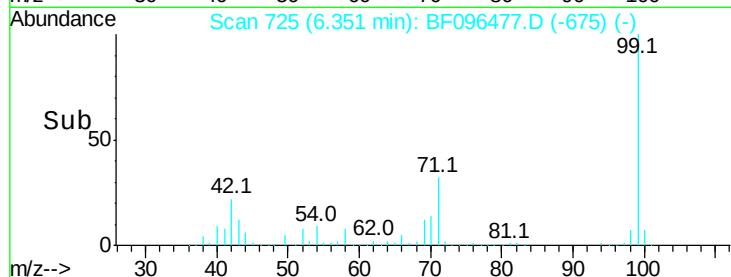
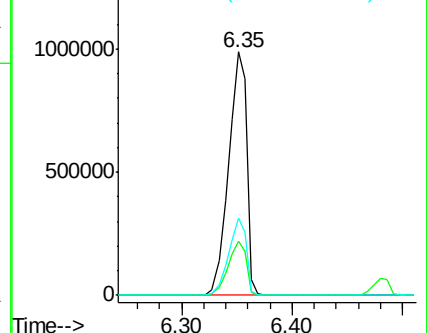
Ion	Ratio	Lower	Upper
99	100		
42	22.4	13.5	20.3#
71	31.9	24.5	36.7



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



#10

Phenol

Concen: 4.99 ng

RT: 6.36 min Scan# 727

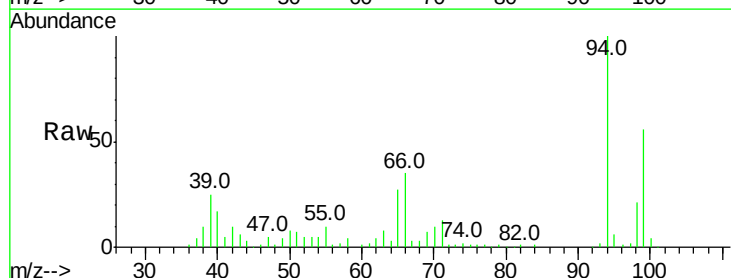
Delta R.T. -0.01 min

Lab File: BF096477.D

Acq: 5 Jul 2017 12:08

Tgt Ion: 94 Resp: 60498

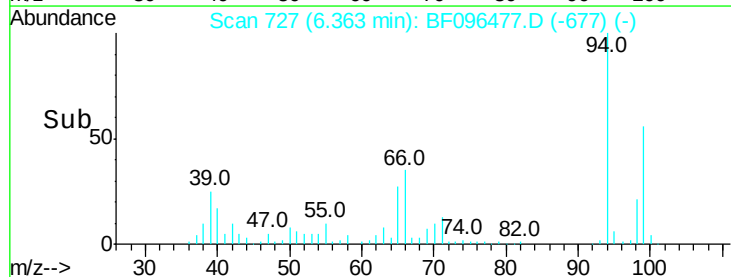
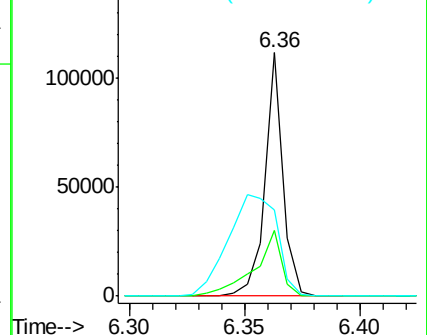
Ion	Ratio	Lower	Upper
94	100		
65	27.0	9.9	49.9
66	35.3	23.1	63.1

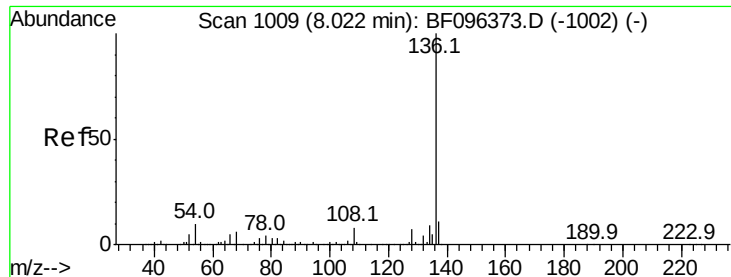


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

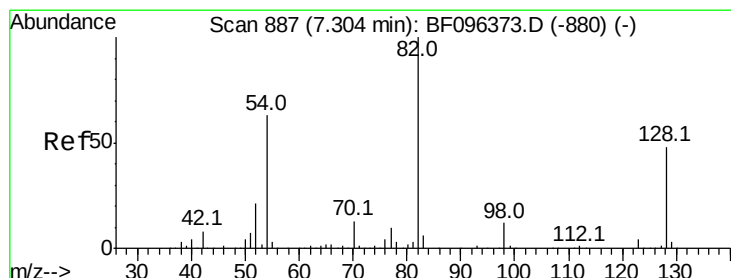
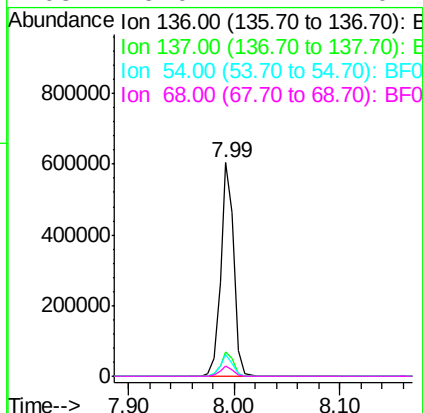
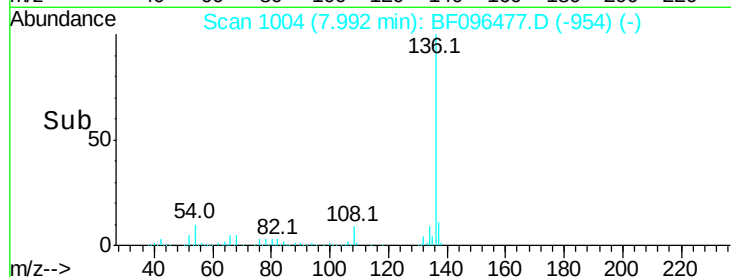
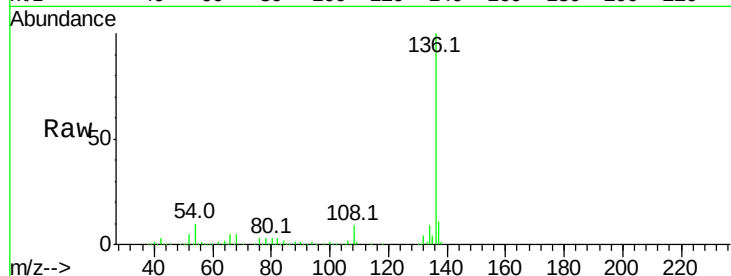




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF096477.D
Acq: 5 Jul 2017 12:08

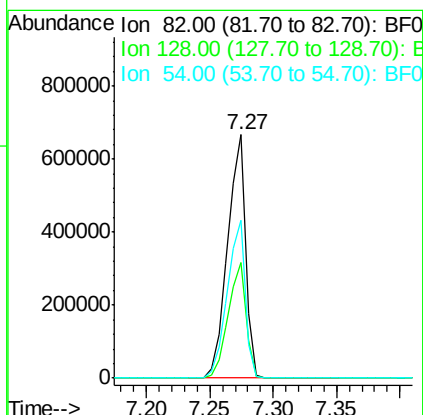
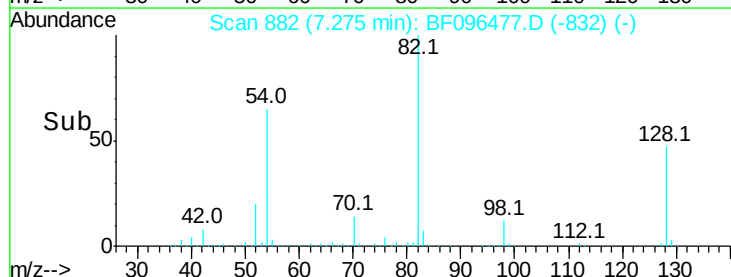
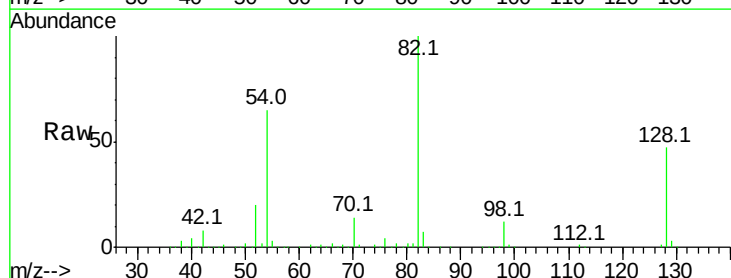
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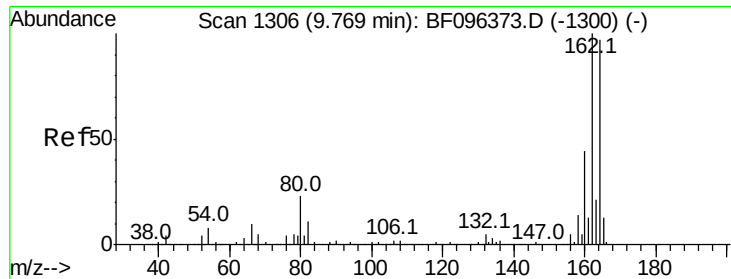
Tot Ion:	136	Resp:	524551
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.5	12.7
54	10.4	4.9	7.3#
68	5.0	4.1	6.1



#23
Nitrobenzene-d5
Concen: 74.90 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF096477.D
Acq: 5 Jul 2017 12:08

Tgt Ion:	82	Resp:	653786
Ion	Ratio	Lower	Upper
82	100		
128	47.5	34.0	51.0
54	64.9	42.2	63.2#

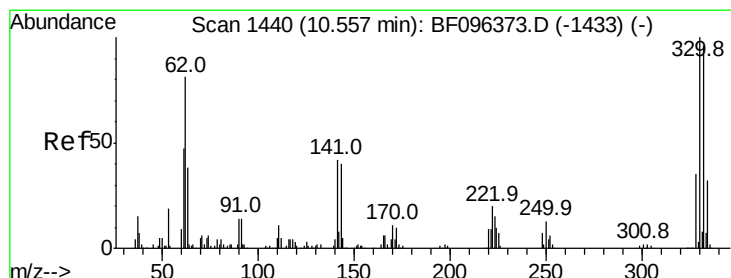
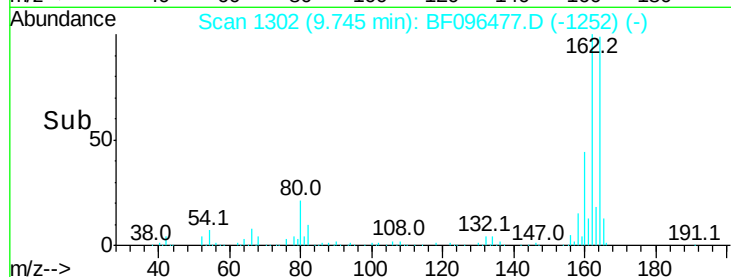
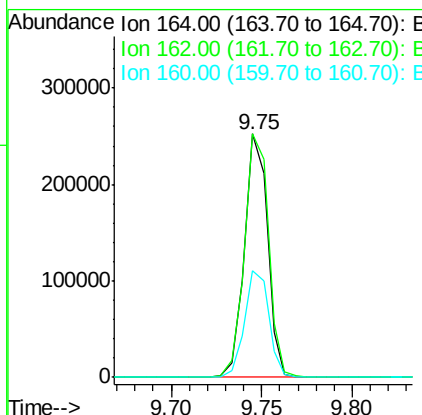
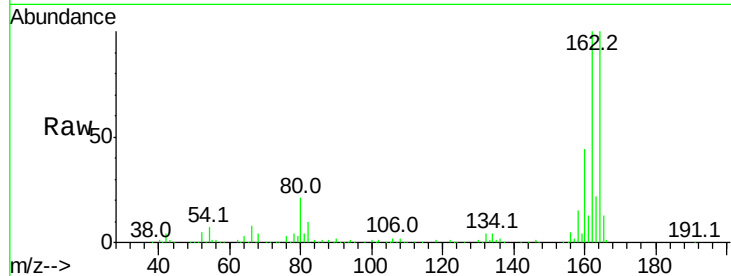




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF096477.D
Acq: 5 Jul 2017 12:08

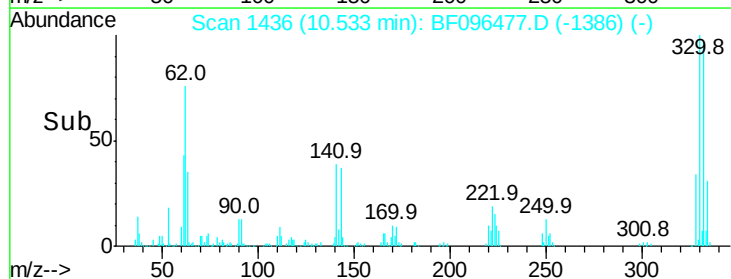
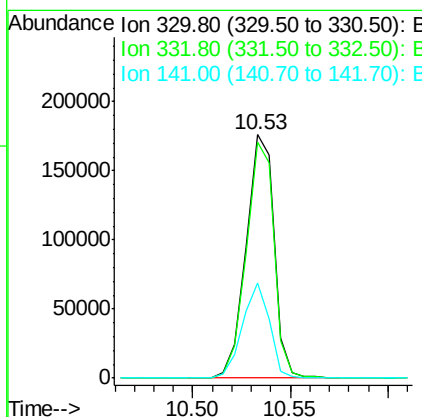
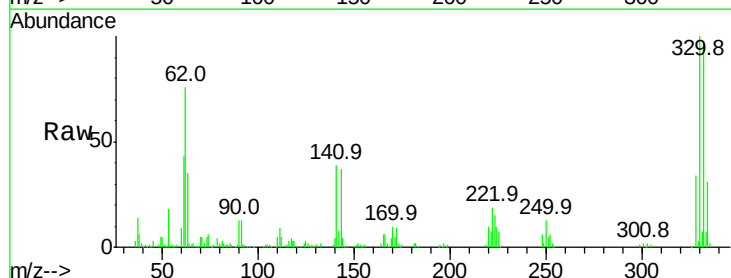
Instrument :
BNA_F
ClientSampleId :
TP2-MH2094-COMP

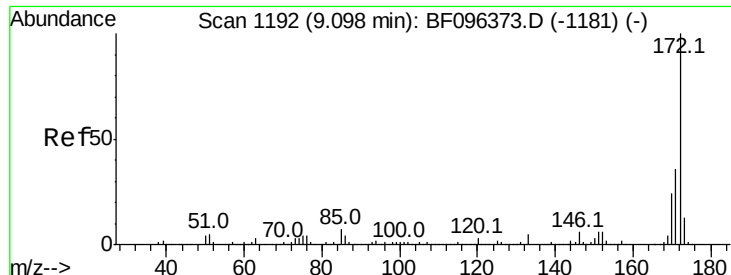
Tot Ion:164 Resp: 223814
Ion Ratio Lower Upper
164 100
162 100.2 82.6 123.8
160 43.8 36.2 54.2



#41
2,4,6-Tribromophenol
Concen: 100.04 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF096477.D
Acq: 5 Jul 2017 12:08

Tgt Ion:330 Resp: 174903
Ion Ratio Lower Upper
330 100
332 96.6 76.6 115.0
141 37.7 31.4 47.2

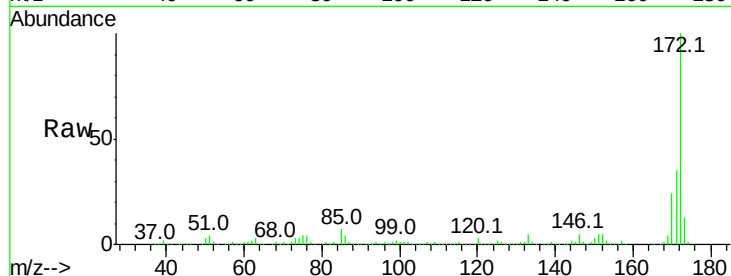




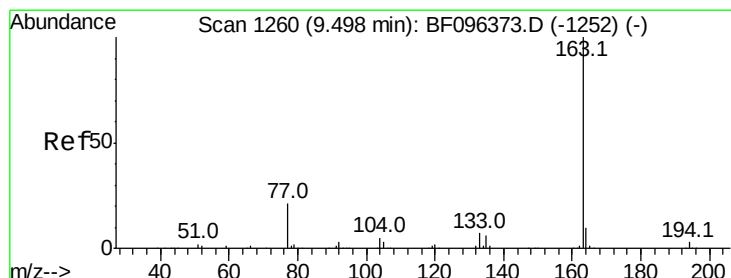
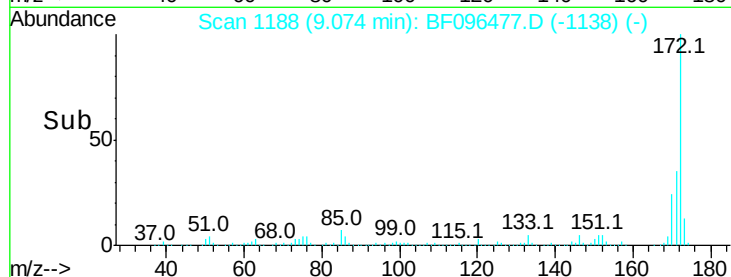
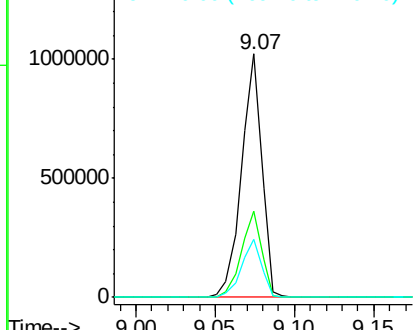
#44
2-Fluorobiphenyl
Concen: 69.24 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF096477.D
Acq: 5 Jul 2017 12:08

Instrument :
BNA_F
ClientSampleId :
TP2-MH2094-COMP

Tot Ion:172 Resp: 906332
Ion Ratio Lower Upper
172 100
171 35.2 29.6 44.4
170 24.0 19.8 29.8

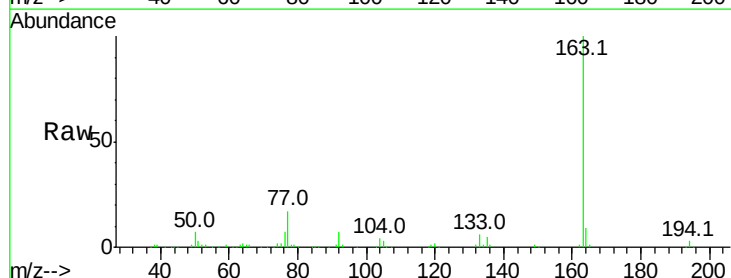


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

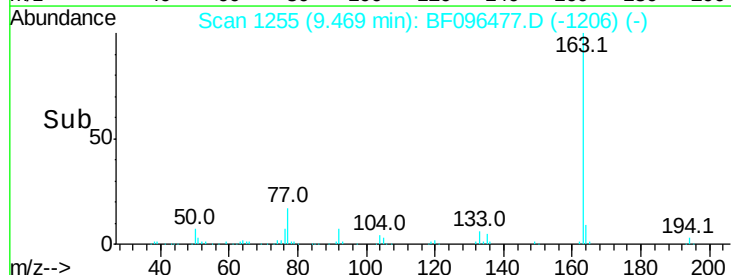
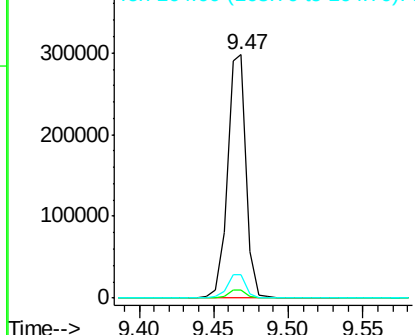


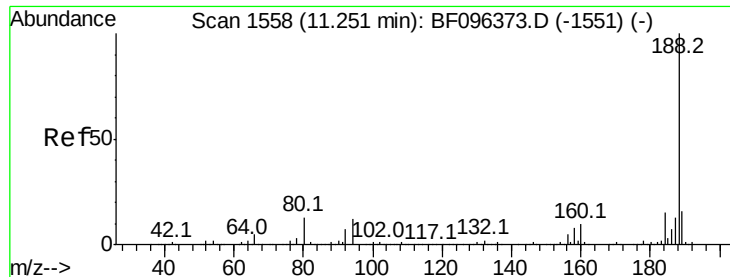
#49
Dimethylphthalate
Concen: 15.79 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF096477.D
Acq: 5 Jul 2017 12:08

Tgt Ion:163 Resp: 263761
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 9.4 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

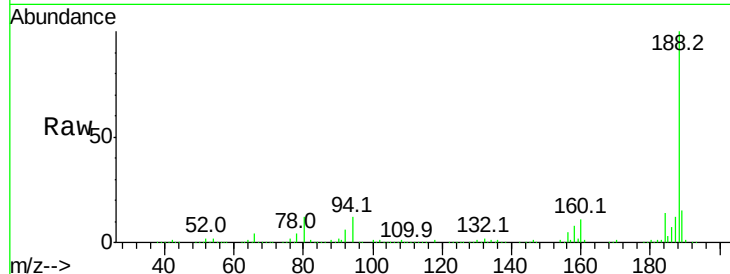




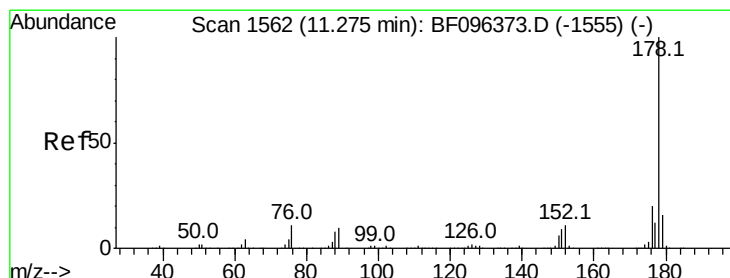
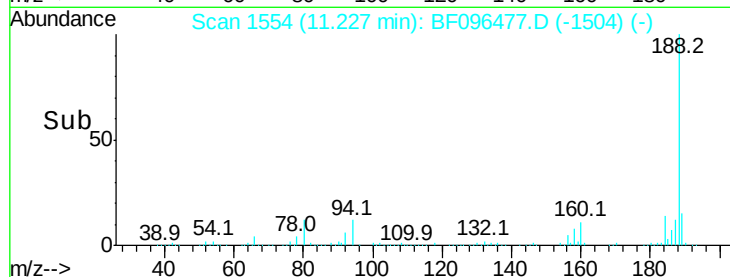
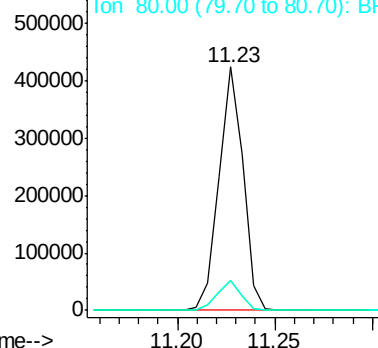
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.01 min
Lab File: BF096477.D
Acq: 5 Jul 2017 12:08

Instrument :
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Tot Ion:188 Resp: 364078
Ion Ratio Lower Upper
188 100
94 12.3 9.4 14.2
80 12.0 10.2 15.2

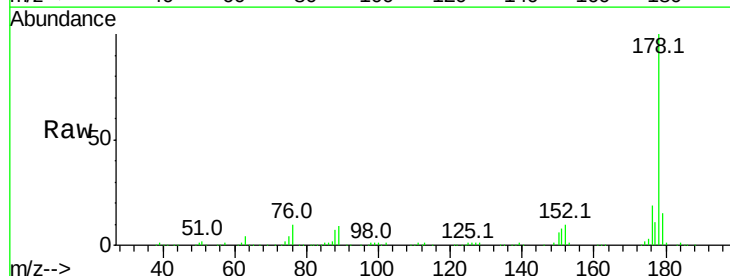


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

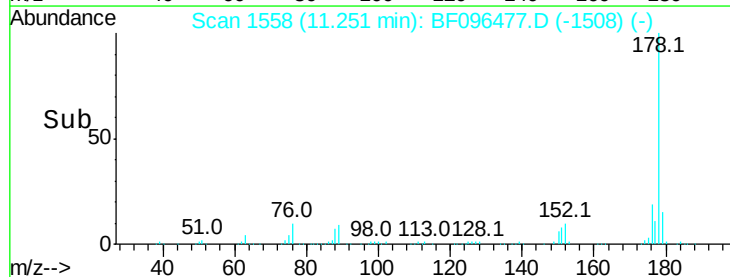
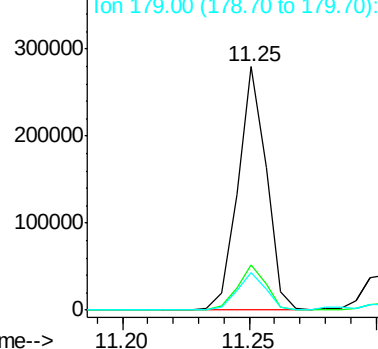


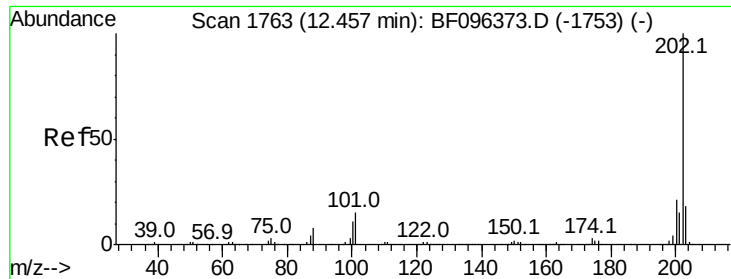
#70
Phenanthrene
Concen: 11.15 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF096477.D
Acq: 5 Jul 2017 12:08

Tgt Ion:178 Resp: 219492
Ion Ratio Lower Upper
178 100
176 18.8 16.2 24.4
179 15.3 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

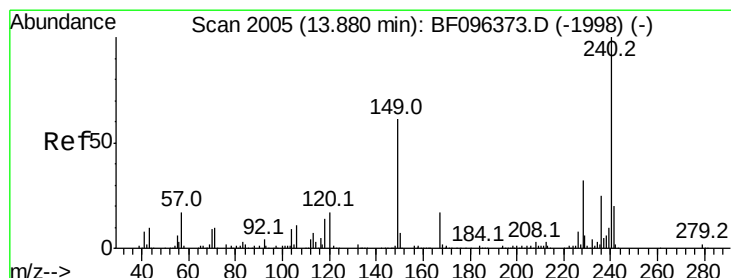
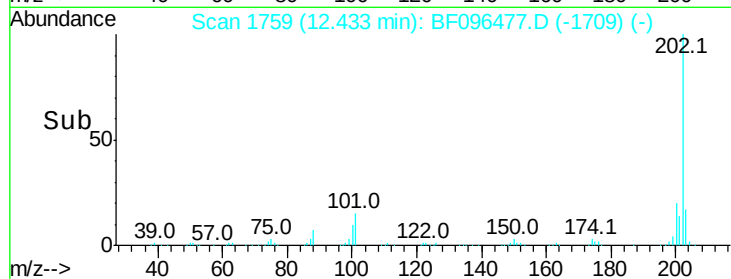
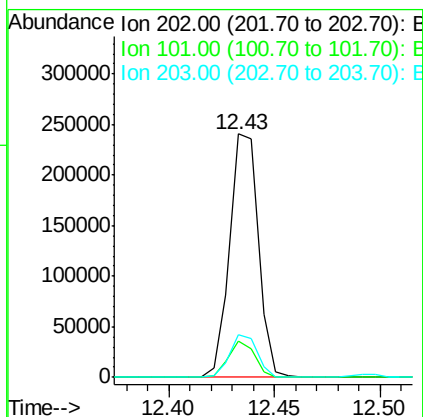
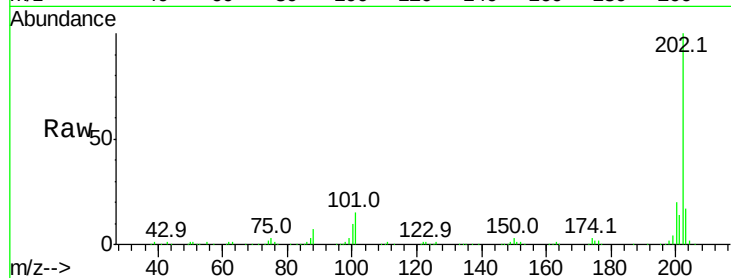




#74
 Fluoranthene
 Concen: 11.68 ng
 RT: 12.43 min Scan# 1759
 Delta R.T. -0.01 min
 Lab File: BF096477.D
 Acq: 5 Jul 2017 12:08

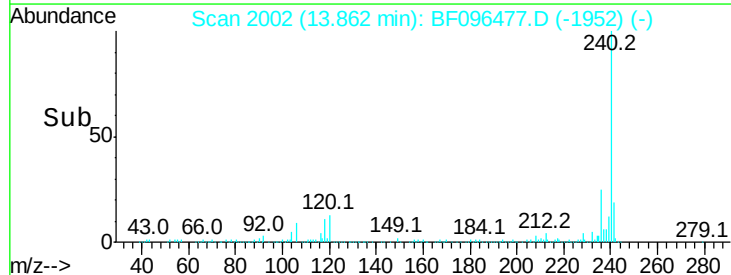
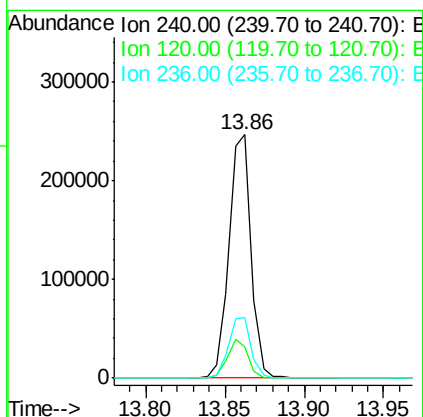
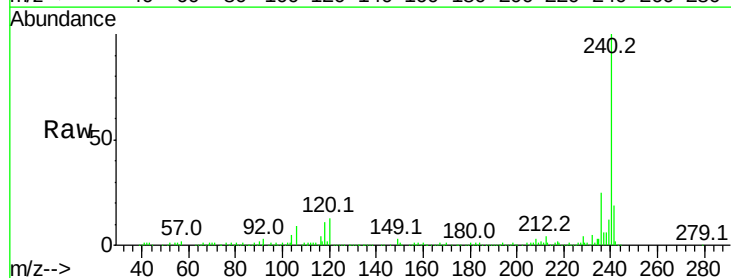
Instrument :
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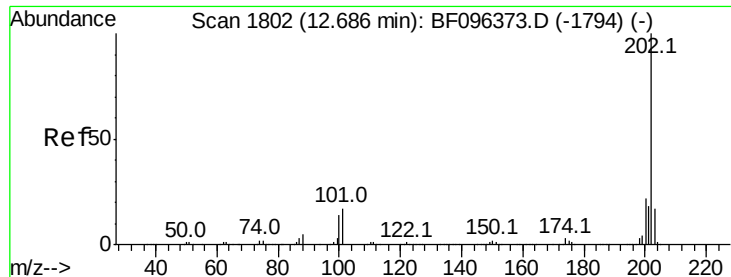
Tot Ion:202 Resp: 225351
 Ion Ratio Lower Upper
 202 100
 101 15.0 0.0 33.2
 203 17.4 0.0 38.1



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. -0.01 min
 Lab File: BF096477.D
 Acq: 5 Jul 2017 12:08

Tgt Ion:240 Resp: 237756
 Ion Ratio Lower Upper
 240 100
 120 12.5 5.8 8.8#
 236 25.0 20.5 30.7





#77

Pvrene

Concen: 8.26 ng

RT: 12.66 min Scan# 1798

Delta R.T. -0.01 min

Lab File: BF096477.D

Acq: 5 Jul 2017 12:08

Instrument :

BNA_F

ClientSampleId :

TP2-MH2094-COMP

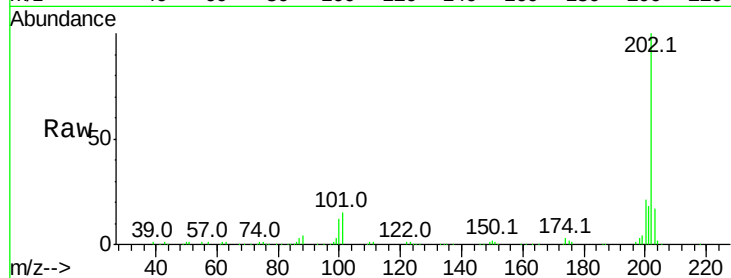
Tot Ion:202 Resp: 157557

Ion Ratio Lower Upper

202 100

200 20.5 17.6 26.4

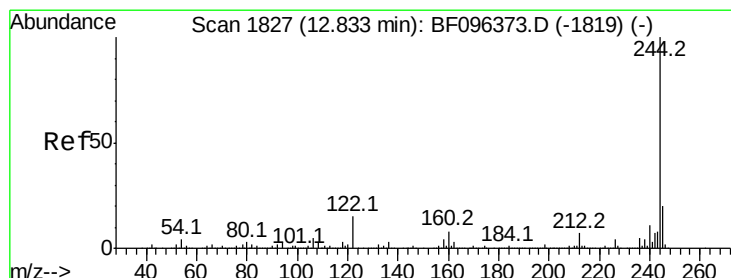
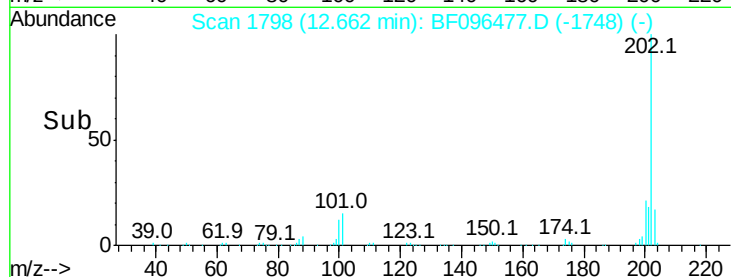
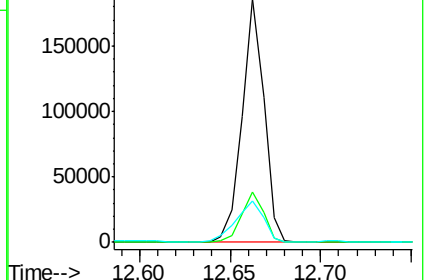
203 17.0 14.4 21.6



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: 50.34 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.00 min

Lab File: BF096477.D

Acq: 5 Jul 2017 12:08

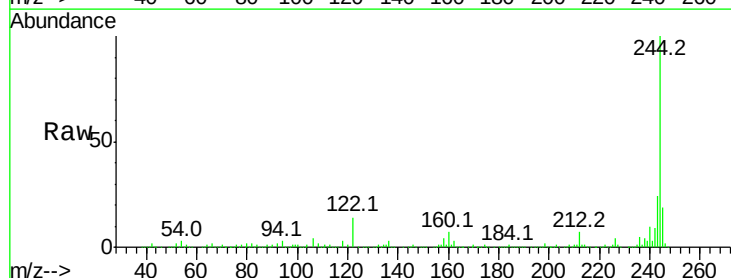
Tgt Ion:244 Resp: 560149

Ion Ratio Lower Upper

244 100

212 6.5 6.0 9.0

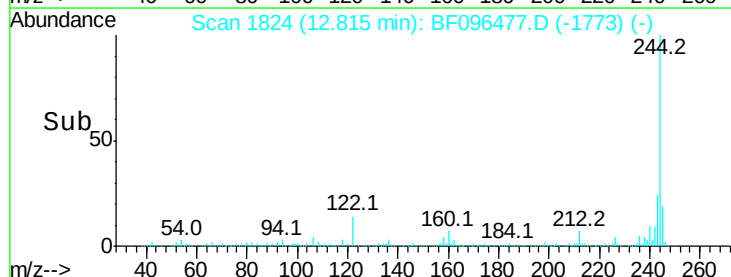
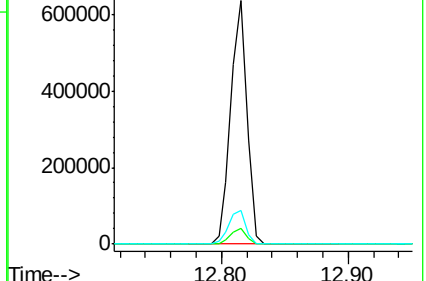
122 13.8 10.3 15.5

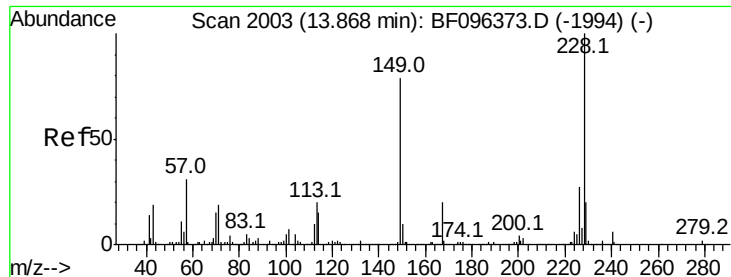


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

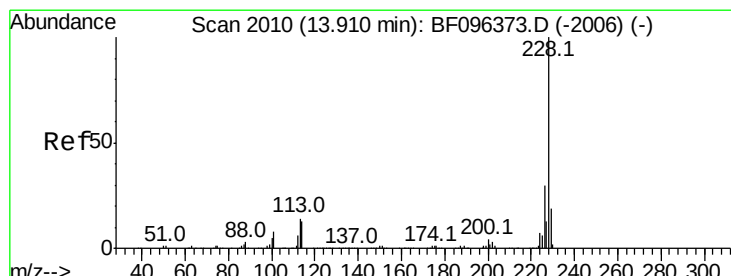
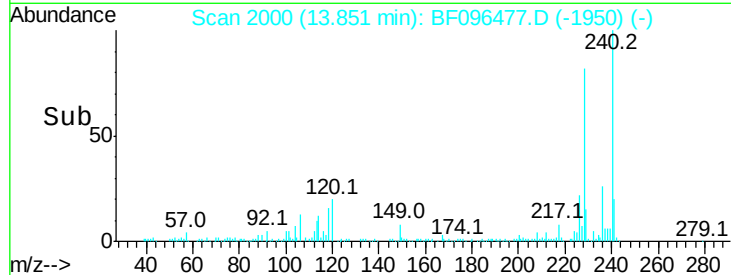
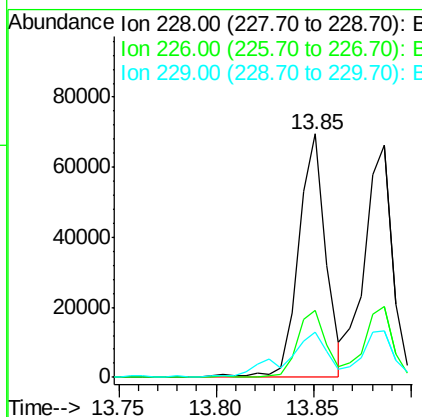
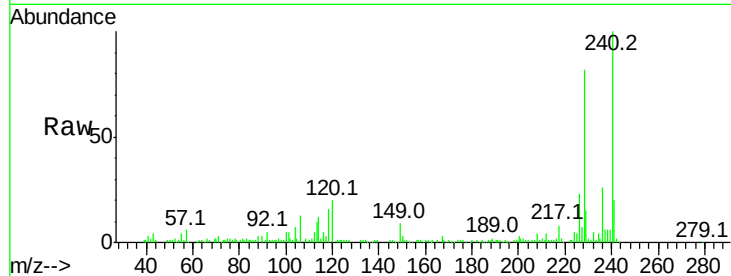




#80
 Benzo(a)anthracene
 Concen: 4.87 ng
 RT: 13.85 min Scan# 2000
 Delta R.T. -0.01 min
 Lab File: BF096477.D
 Acq: 5 Jul 2017 12:08

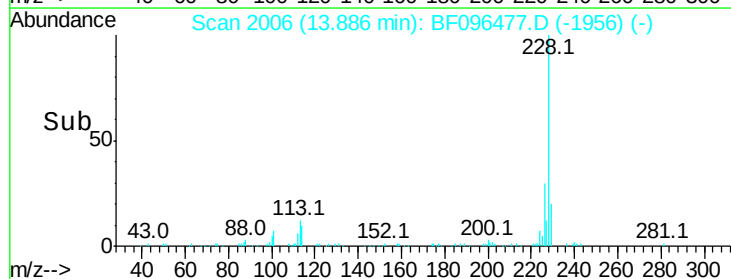
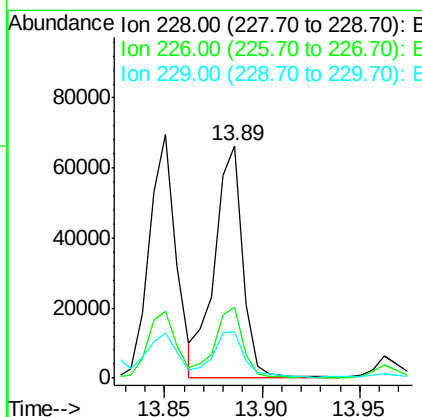
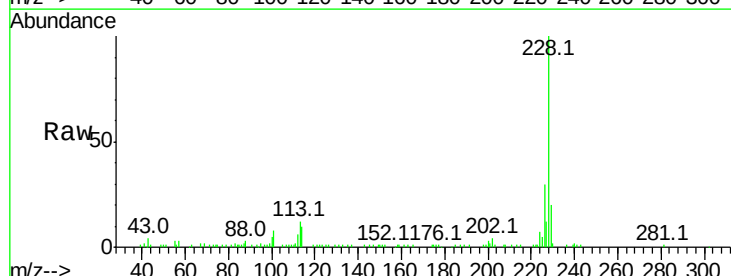
Instrument :
 BNA_F
 ClientSampleId :
 TP2-MH2094-COMP

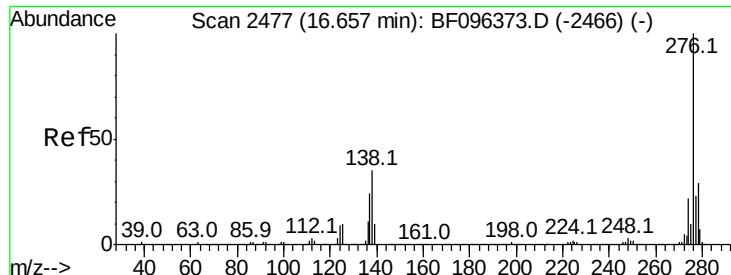
Tot Ion:228 Resp: 67022
 Ion Ratio Lower Upper
 228 100
 226 27.7 22.6 33.8
 229 18.8 16.3 24.5



#82
 Chrysene
 Concen: 4.64 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BF096477.D
 Acq: 5 Jul 2017 12:08

Tgt Ion:228 Resp: 66943
 Ion Ratio Lower Upper
 228 100
 226 30.3 24.9 37.3
 229 20.2 15.8 23.6

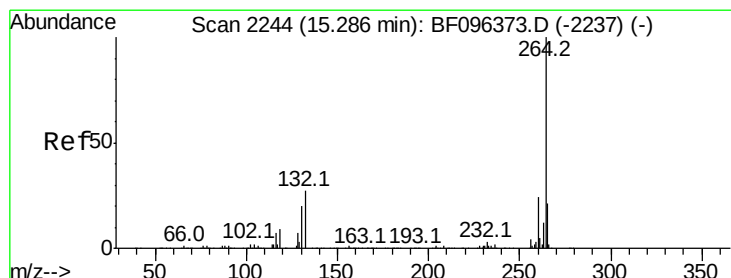
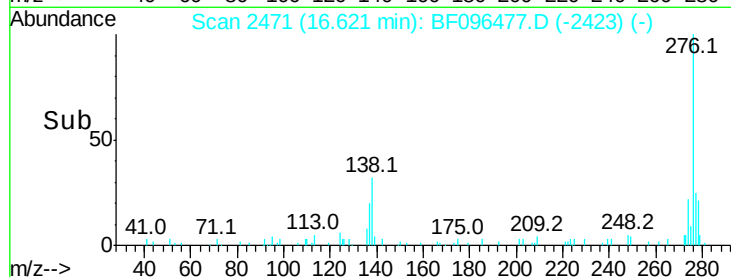
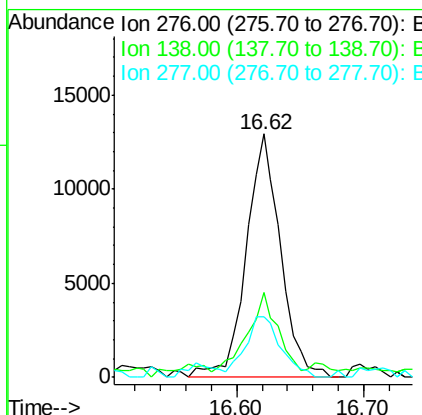
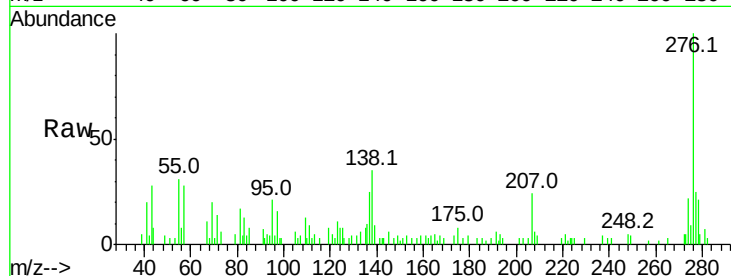




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 2.13 ng
 RT: 16.62 min Scan# 2471
 Delta R.T. -0.02 min
 Lab File: BF096477.D
 Acq: 5 Jul 2017 12:08

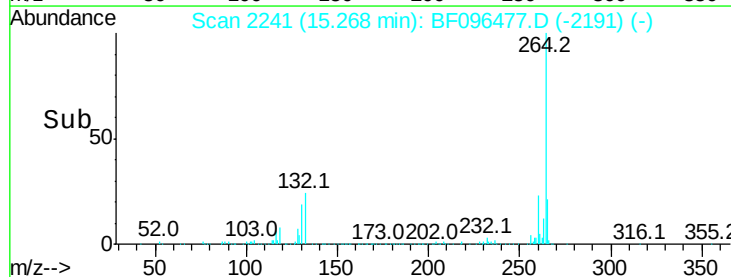
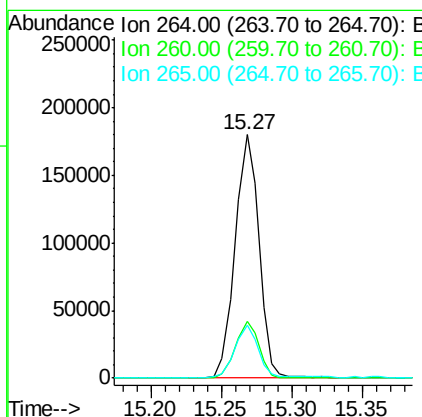
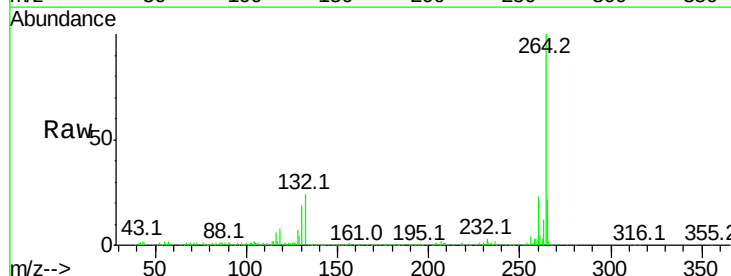
Instrument :
 BNA_F
 ClientSampleId :
 TP2-MH2094-COMP

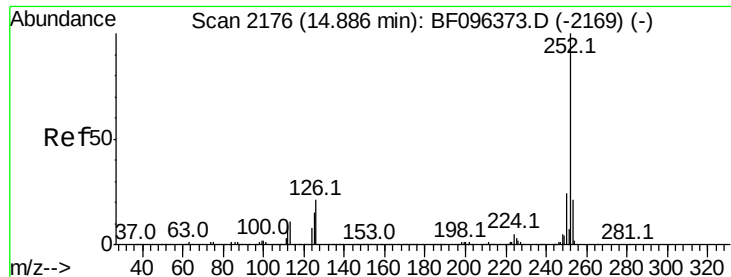
Tot Ion	Ratio	Lower	Upper
276	100		
138	28.1	27.8	41.6
277	25.7	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.27 min Scan# 2241
 Delta R.T. -0.01 min
 Lab File: BF096477.D
 Acq: 5 Jul 2017 12:08

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.5	29.3
265	21.7	17.2	25.8

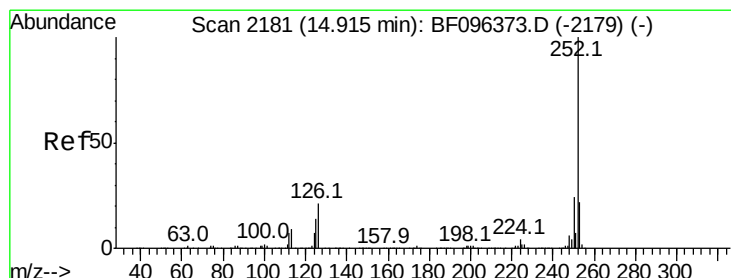
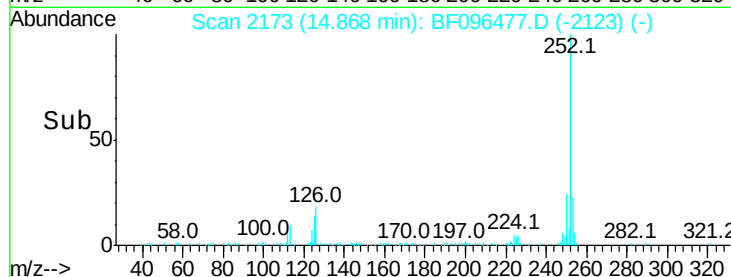
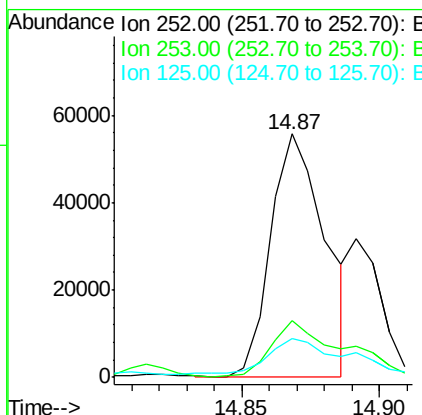
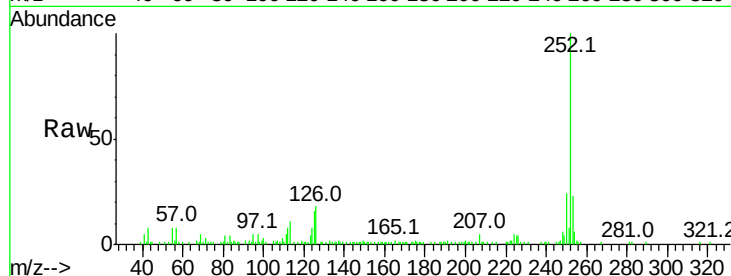




#87
Benzo(b)fluoranthene
Concen: 5.76 ng m
RT: 14.87 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BF096477.D
Acq: 5 Jul 2017 12:08

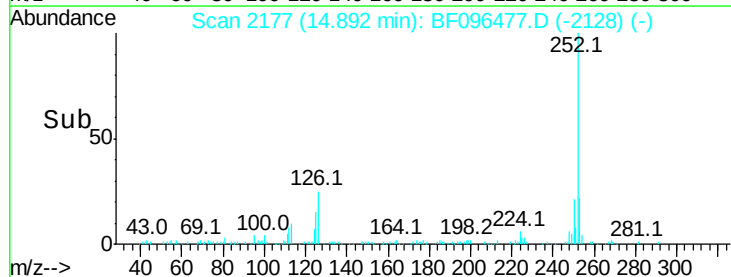
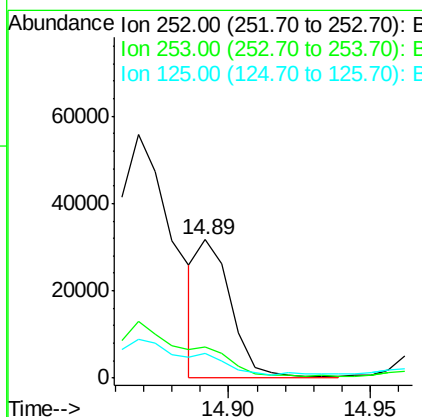
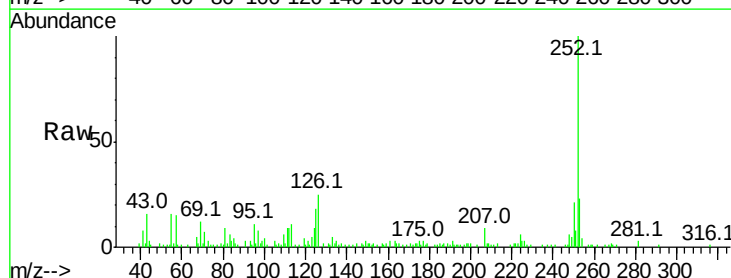
Instrument :
BNA_F
ClientSampleId :
TP2-MH2094-COMP

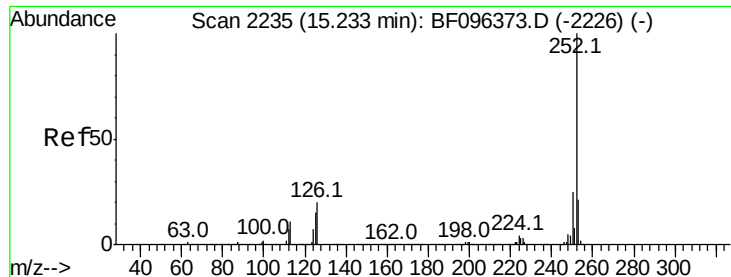
Tot Ion:252 Resp: 76846
Ion Ratio Lower Upper
252 100
253 23.4 18.1 27.1
125 15.8 9.8 14.8#



#88
Benzo(k)fluoranthene
Concen: 2.19 ng m
RT: 14.89 min Scan# 2177
Delta R.T. -0.01 min
Lab File: BF096477.D
Acq: 5 Jul 2017 12:08

Tgt Ion:252 Resp: 26140
Ion Ratio Lower Upper
252 100
253 22.9 18.4 27.6
125 17.5 13.1 19.7





#89

Benzo(a)pyrene

Concen: 4.00 ng

RT: 15.21 min Scan# 2231

Delta R.T. -0.01 min

Lab File: BF096477.D

Acq: 5 Jul 2017 12:08

Instrument :

BNA_F

ClientSampleId :

TP2-MH2094-COMP

Tot Ion:252 Resp: 47681

Ion Ratio Lower Upper

252 100

253 22.8 17.5 26.3

125 16.1 11.0 16.4

