

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051215\
 Data File : BF079181.D
 Acq On : 13 May 2015 4:22
 Operator : TP/IZ
 Sample : G2174-09 2X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C-COMP

Quant Time: May 13 05:03:15 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 13 04:45:03 2015
 Response via : Initial Calibration

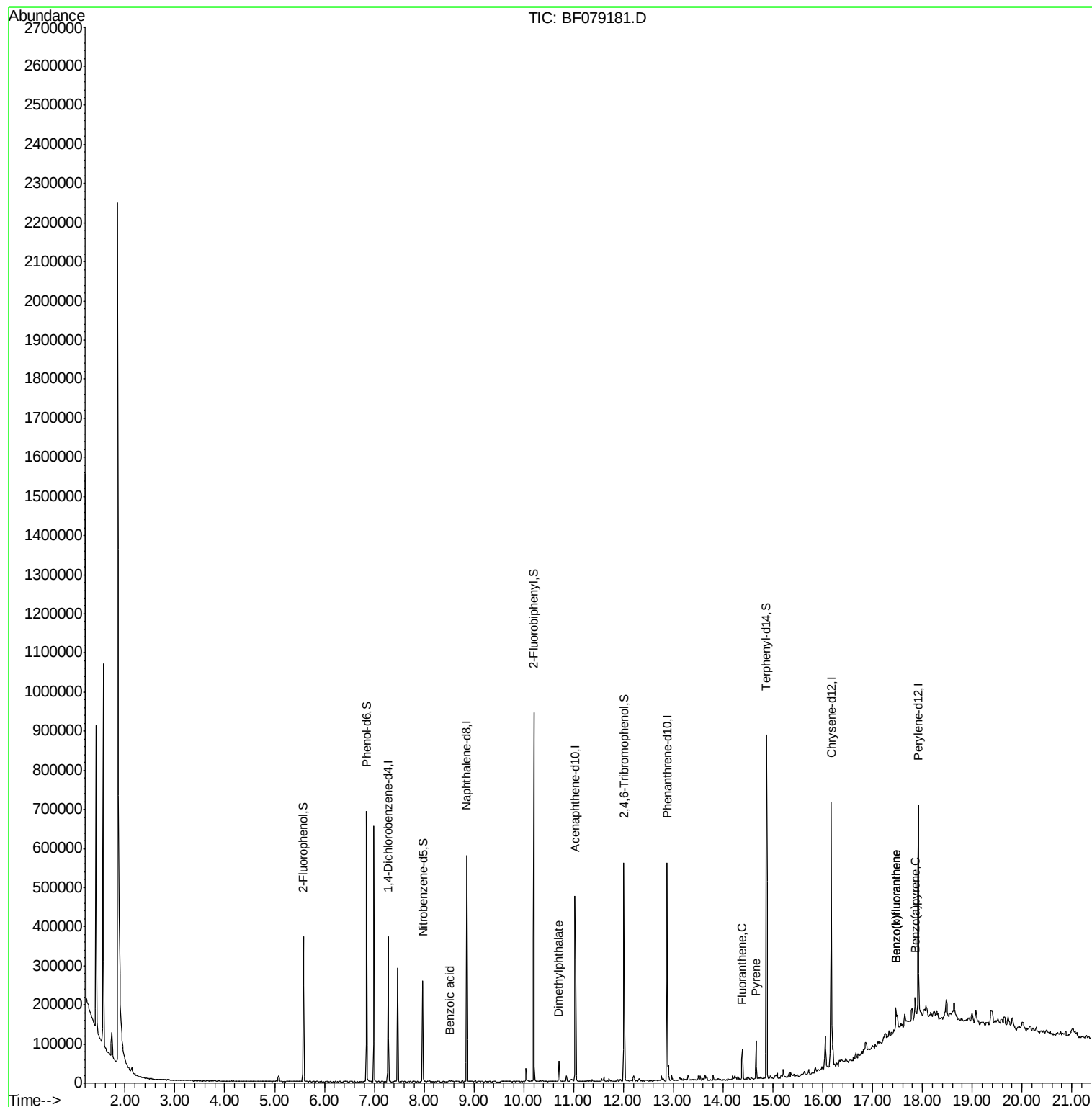
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.28	152	59189	20.00	ng	0.00
21) Naphthalene-d8	8.86	136	254967	20.00	ng	0.00
38) Acenaphthene-d10	11.03	164	121740	20.00	ng	-0.01
63) Phenanthrene-d10	12.88	188	235077	20.00	ng	0.00
75) Chrysene-d12	16.17	240	253900	20.00	ng	0.00
86) Perylene-d12	17.92	264	262612	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	135311	39.35	ng	-0.01
7) Phenol-d6	6.84	99	234520	51.60	ng	0.00
23) Nitrobenzene-d5	7.98	82	121693	27.43	ng	0.00
41) 2,4,6-Tribromophenol	12.01	330	74159	56.31	ng	-0.01
44) 2-Fluorobiphenyl	10.20	172	309292	35.40	ng	0.00
78) Terphenyl-d14	14.87	244	356334	33.60	ng	-0.01
Target Compounds						
32) Benzoic acid	8.51	122	1391	6.84	ng	94
49) Dimethylphthalate	10.71	163	21337	2.39	ng	99
74) Fluoranthene	14.39	202	41392	3.02	ng	94
77) Pyrene	14.66	202	43178	2.95	ng	97
87) Benzo(b)fluoranthene	17.46	252	50437	3.51	ng	# 92
88) Benzo(k)fluoranthene	17.46	252	50027	3.60	ng	# 94
89) Benzo(a)pyrene	17.85	252	26783	2.02	ng	# 89

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.28 min Scan# 533

Delta R.T. -0.00 min

Lab File: BF079181.D

Acq: 13 May 2015 4:22

Instrument :

BNA_F

ClientSampleId :

C-COMP

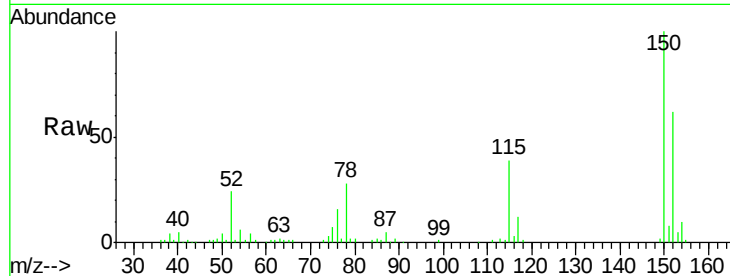
Tgt Ion:152 Resp: 59189

Ion Ratio Lower Upper

152 100

150 160.3 122.0 183.0

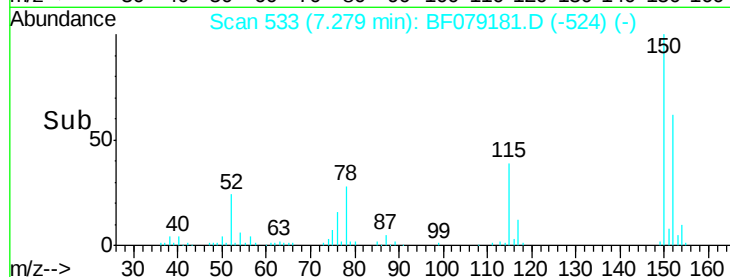
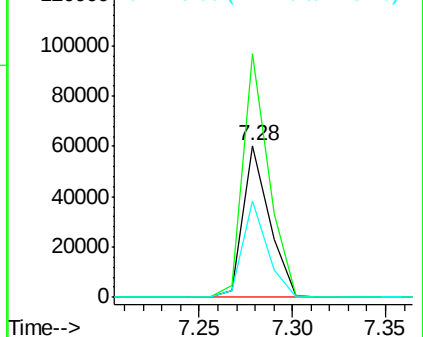
115 63.3 46.3 69.5



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: 39.35 ng

RT: 5.58 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF079181.D

Acq: 13 May 2015 4:22

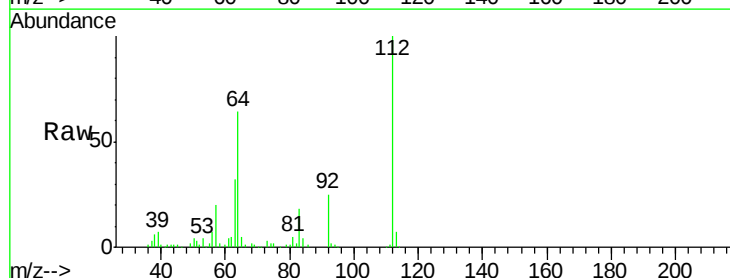
Tgt Ion:112 Resp: 135311

Ion Ratio Lower Upper

112 100

64 63.5 53.5 80.3

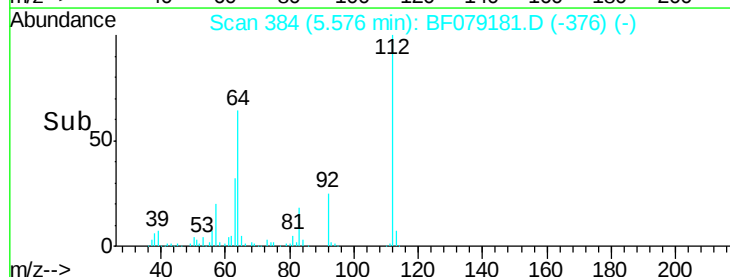
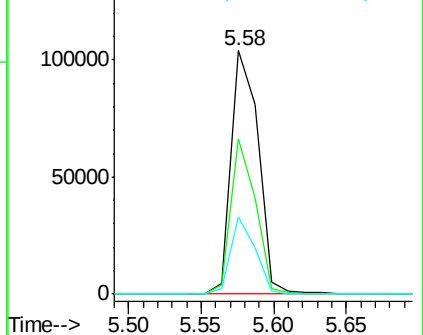
63 31.7 27.5 41.3



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: 51.60 ng

RT: 6.84 min Scan# 495

Delta R.T. -0.00 min

Lab File: BF079181.D

Acq: 13 May 2015 4:22

Instrument :

BNA_F

ClientSampleId :

C-COMP

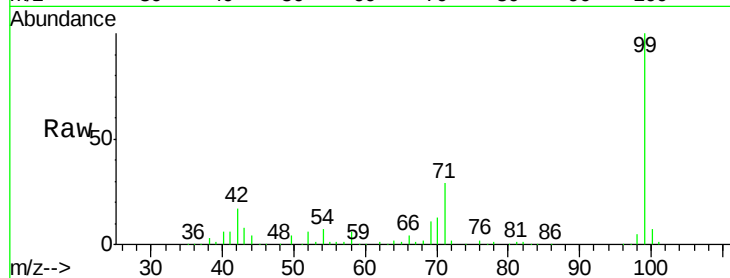
Tgt Ion: 99 Resp: 234520

Ion Ratio Lower Upper

99 100

42 16.7 12.8 19.2

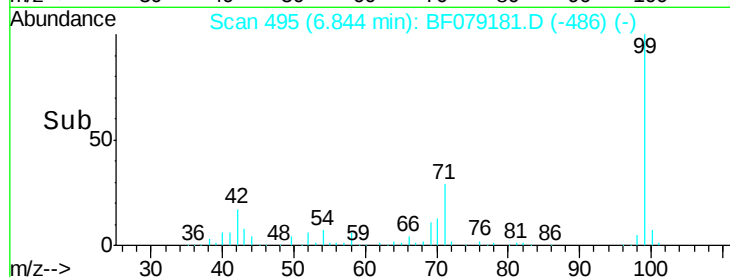
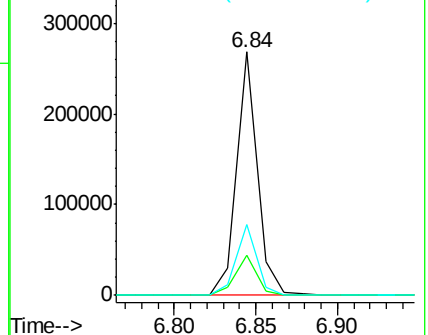
71 29.0 23.4 35.2



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: 8.86 min Scan# 671

Delta R.T. -0.00 min

Lab File: BF079181.D

Acq: 13 May 2015 4:22

Tgt Ion: 136 Resp: 254967

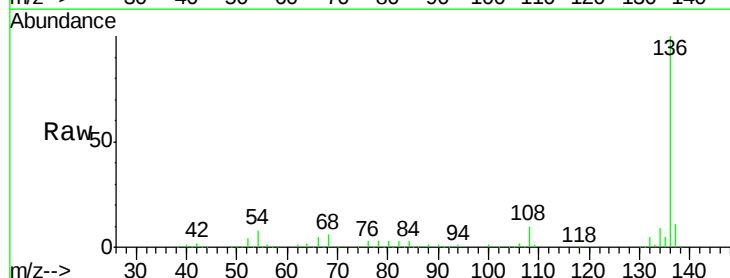
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 8.3 5.8 8.8

68 6.0 4.2 6.4

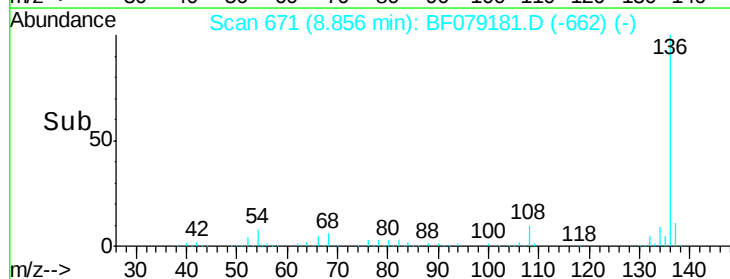
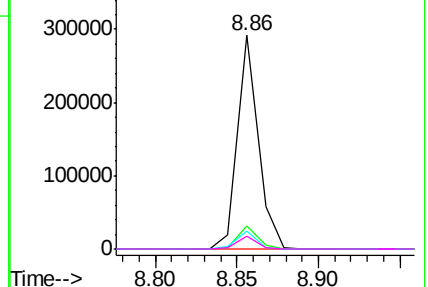


Abundance Ion 136.00 (135.70 to 136.70): E

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: 27.43 ng

RT: 7.98 min Scan# 594

Delta R.T. -0.00 min

Lab File: BF079181.D

Acq: 13 May 2015 4:22

Instrument :

BNA_F

ClientSampleId :

C-COMP

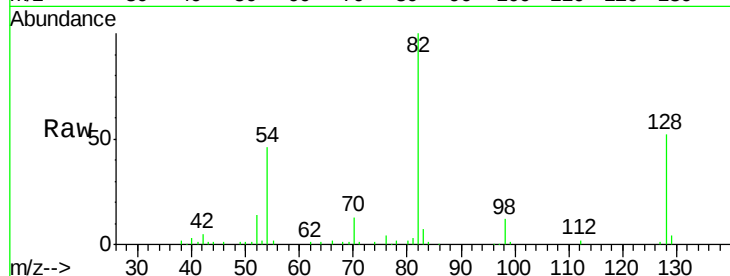
Tgt Ion: 82 Resp: 121693

Ion Ratio Lower Upper

82 100

128 52.0 30.0 45.0#

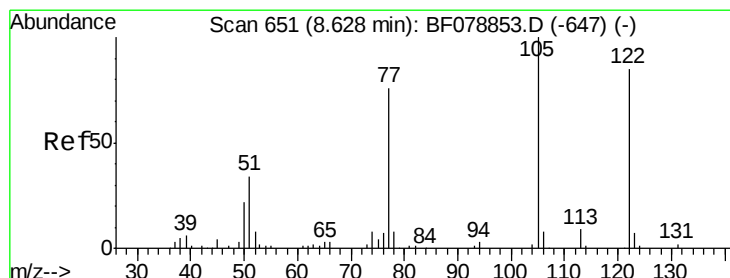
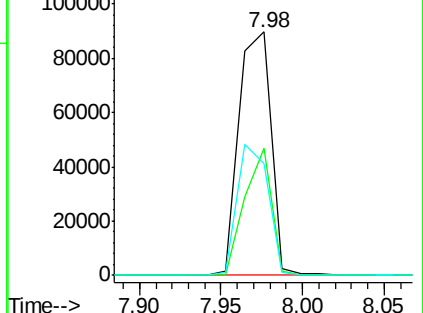
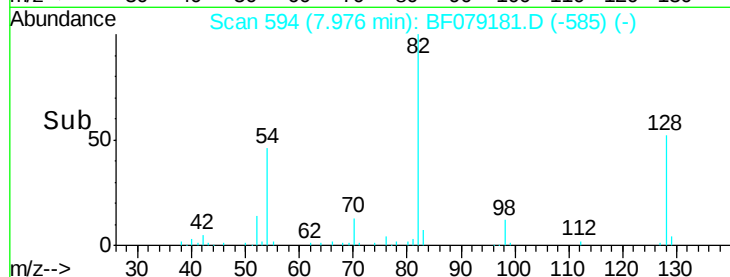
54 46.0 46.4 69.6#



Abundance Ion 82.00 (81.70 to 82.70): BF079181.D (-599) (-)

Ion 128.00 (127.70 to 128.70): BF079181.D (-599) (-)

Ion 54.00 (53.70 to 54.70): BF079181.D (-599) (-)



#32

Benzoic acid

Concen: 6.84 ng

RT: 8.51 min Scan# 641

Delta R.T. -0.06 min

Lab File: BF079181.D

Acq: 13 May 2015 4:22

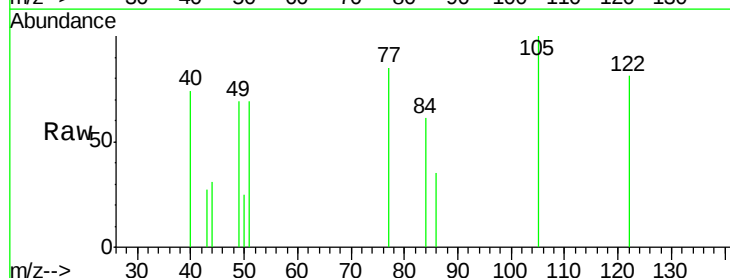
Tgt Ion: 122 Resp: 1391

Ion Ratio Lower Upper

122 100

105 123.7 107.1 147.1

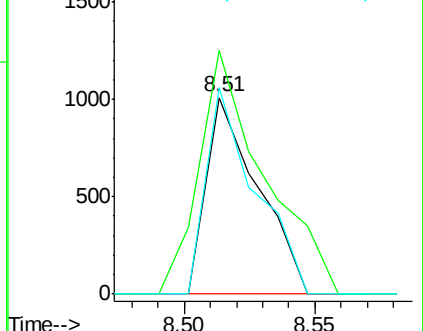
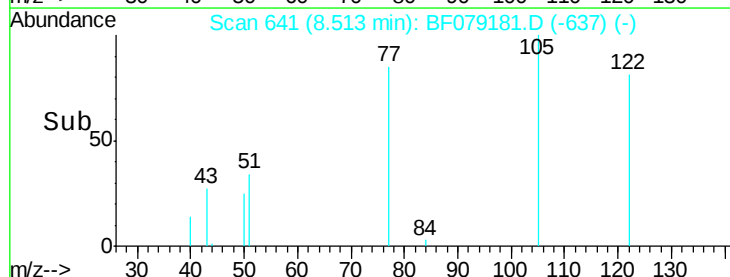
77 104.6 73.9 113.9

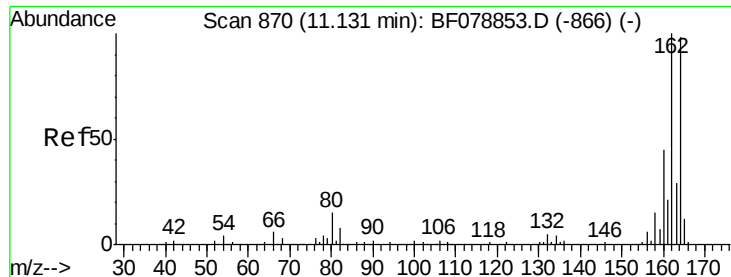


Abundance Ion 122.00 (121.70 to 122.70): BF079181.D (-637) (-)

Ion 105.00 (104.70 to 105.70): BF079181.D (-637) (-)

Ion 77.00 (76.70 to 77.70): BF079181.D (-637) (-)





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 11.03 min Scan# 861

Delta R.T. -0.01 min

Lab File: BF079181.D

Acq: 13 May 2015 4:22

Instrument :

BNA_F

ClientSampleId :

C-COMP

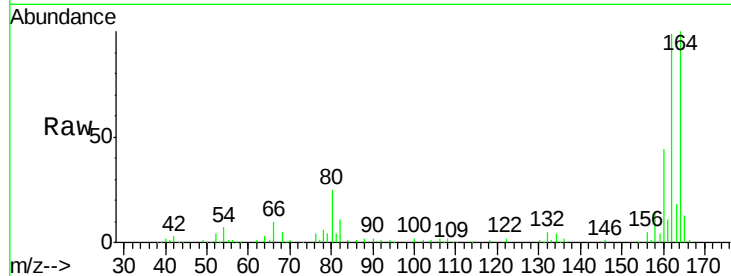
Tgt Ion:164 Resp: 121740

Ion Ratio Lower Upper

164 100

162 99.5 82.7 124.1

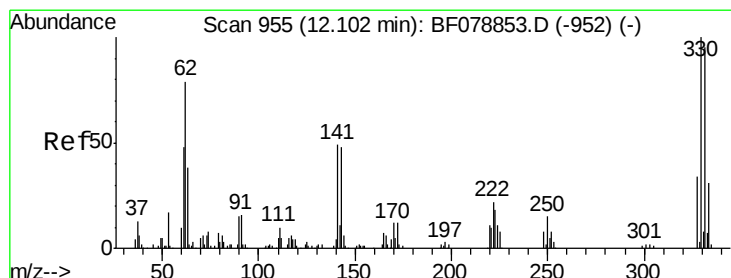
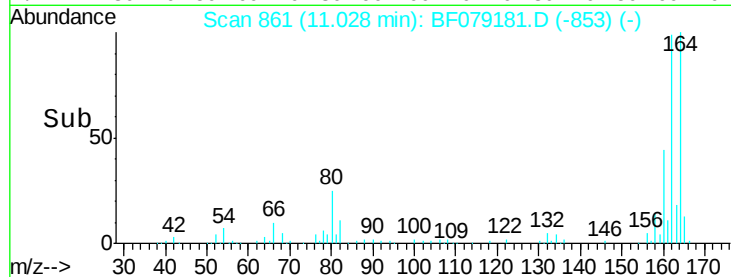
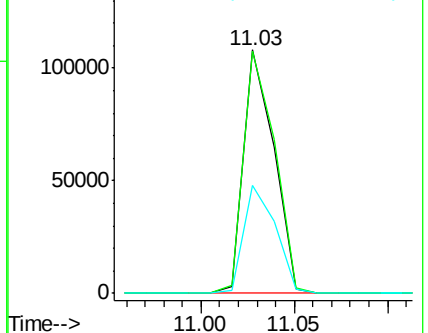
160 44.2 35.8 53.8



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: 56.31 ng

RT: 12.01 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF079181.D

Acq: 13 May 2015 4:22

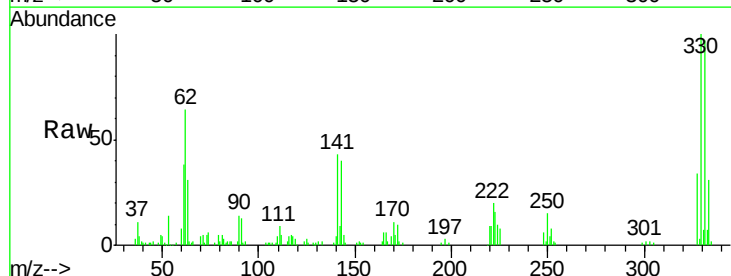
Tgt Ion:330 Resp: 74159

Ion Ratio Lower Upper

330 100

332 96.3 0.0 0.0#

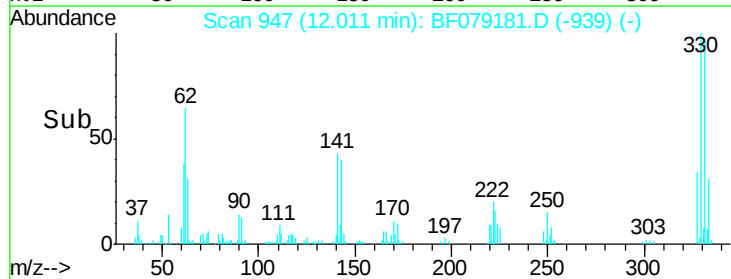
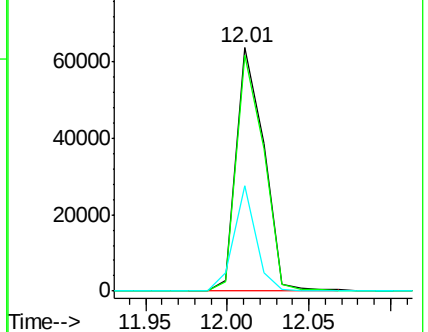
141 34.5 0.0 0.0#



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

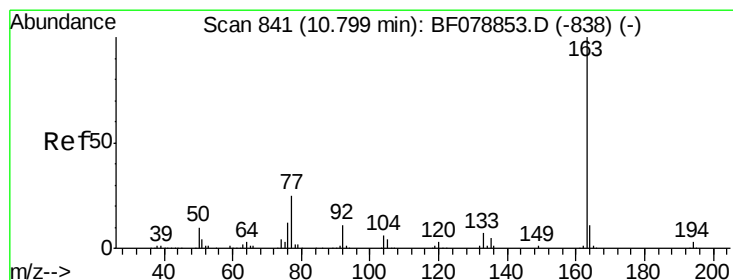
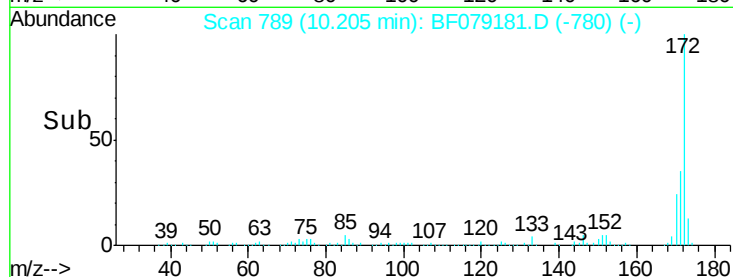
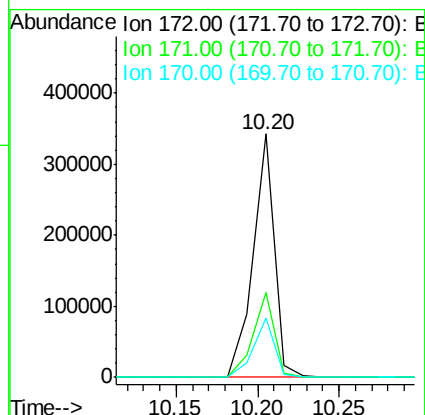
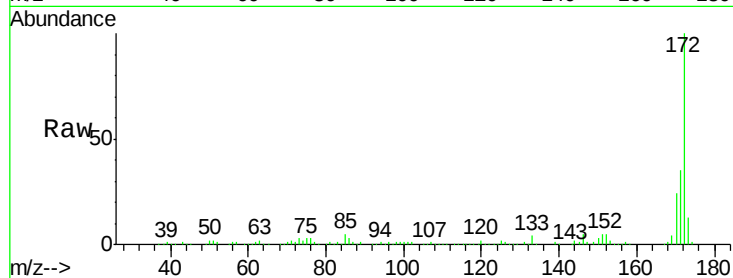




#44
2-Fluorobiphenyl
Concen: 35.40 ng
RT: 10.20 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF079181.D
Acq: 13 May 2015 4:22

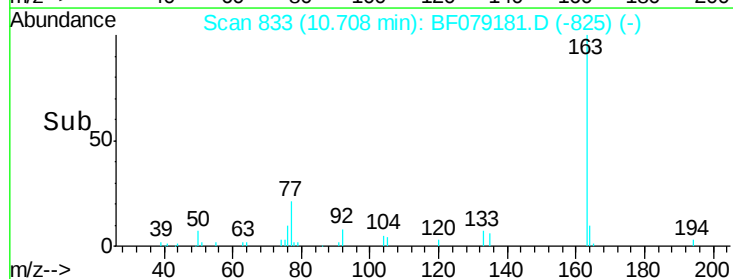
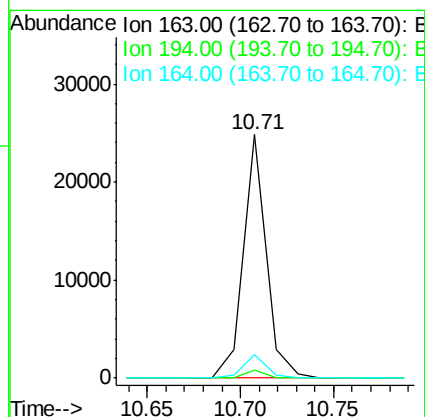
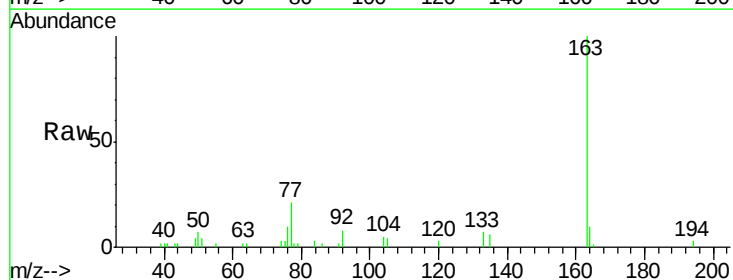
Instrument :
BNA_F
ClientSampleId :
C-COMP

Tgt Ion:172 Resp: 309292
Ion Ratio Lower Upper
172 100
171 34.9 27.9 41.9
170 24.1 19.4 29.0



#49
Dimethylphthalate
Concen: 2.39 ng
RT: 10.71 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF079181.D
Acq: 13 May 2015 4:22

Tgt Ion:163 Resp: 21337
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 9.8 8.1 12.1

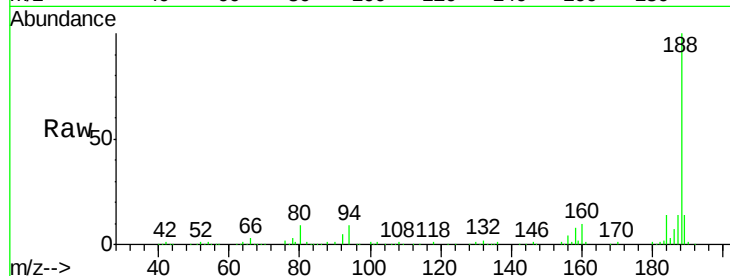




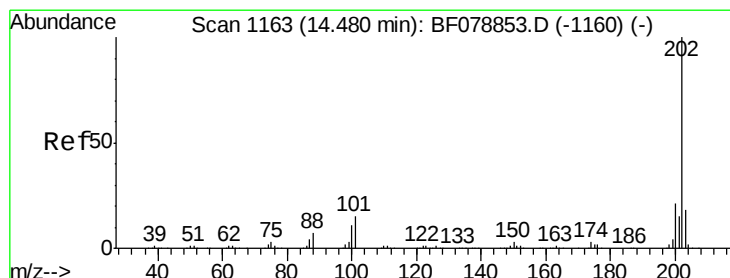
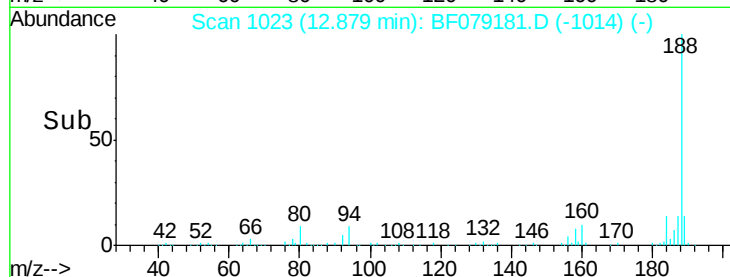
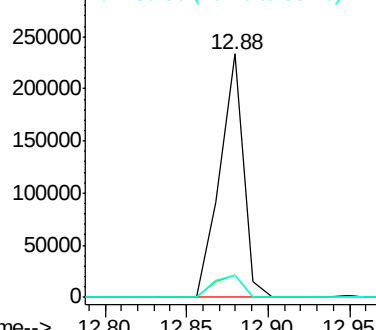
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.88 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BF079181.D
Acq: 13 May 2015 4:22

Instrument :
BNA_F
ClientSampleId :
C-COMP

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.2	12.2
80	9.0	8.9	13.3

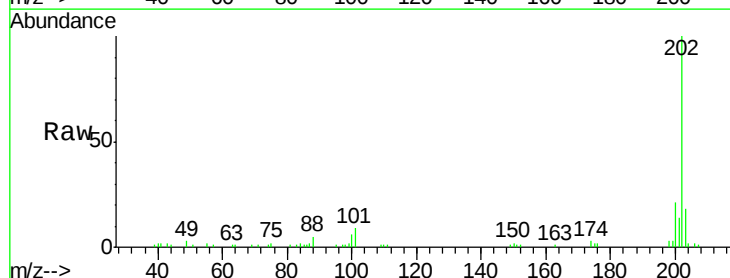


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

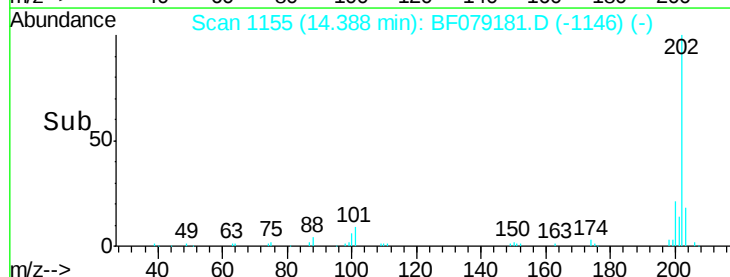
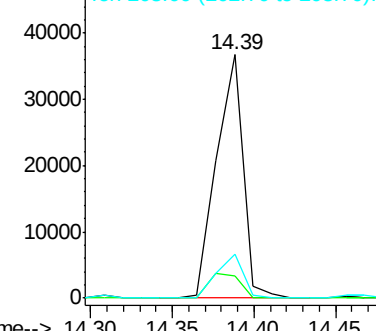


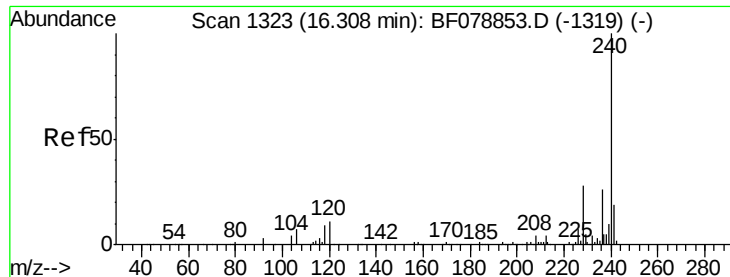
#74
Fluoranthene
Concen: 3.02 ng
RT: 14.39 min Scan# 1155
Delta R.T. -0.00 min
Lab File: BF079181.D
Acq: 13 May 2015 4:22

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.2	0.0	34.6
203	18.0	0.0	38.4



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: 16.17 min Scan# 1311

Delta R.T. -0.00 min

Lab File: BF079181.D

Acq: 13 May 2015 4:22

Instrument :

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ClientSampleId :

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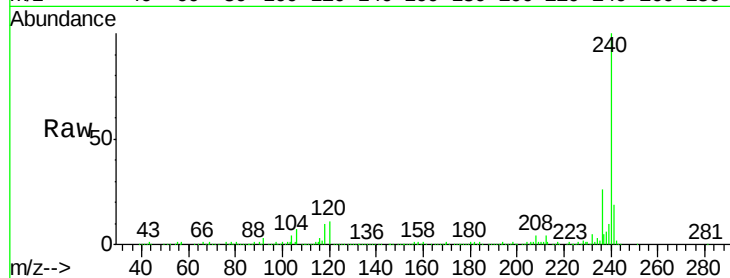
Tgt Ion:240 Resp: 253900

Ion Ratio Lower Upper

240 100

120 11.3 9.7 14.5

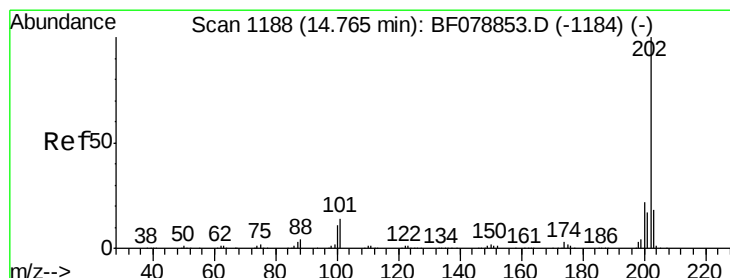
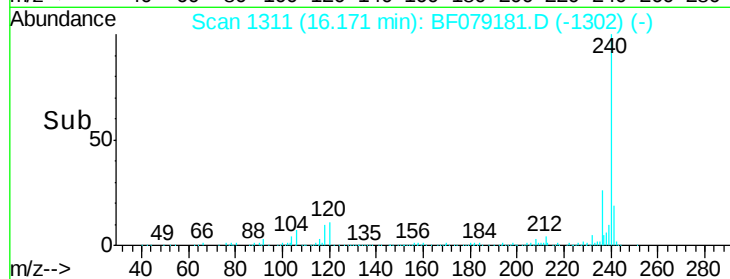
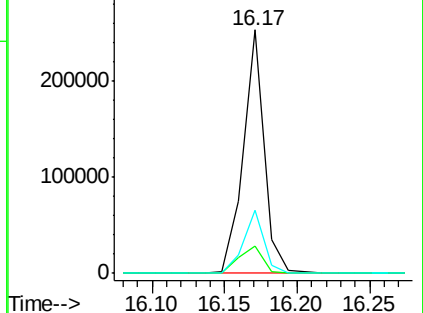
236 26.0 20.2 30.4



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: 2.95 ng

RT: 14.66 min Scan# 1179

Delta R.T. -0.01 min

Lab File: BF079181.D

Acq: 13 May 2015 4:22

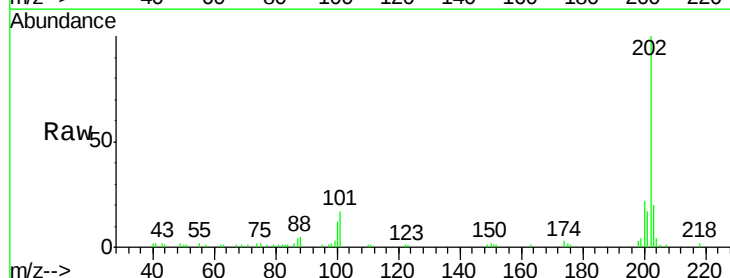
Tgt Ion:202 Resp: 43178

Ion Ratio Lower Upper

202 100

200 22.1 17.5 26.3

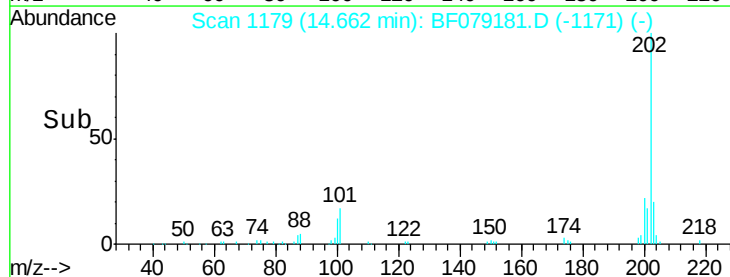
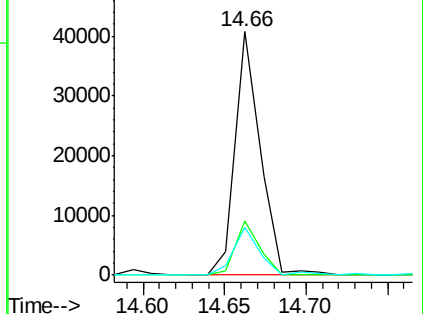
203 19.8 13.9 20.9

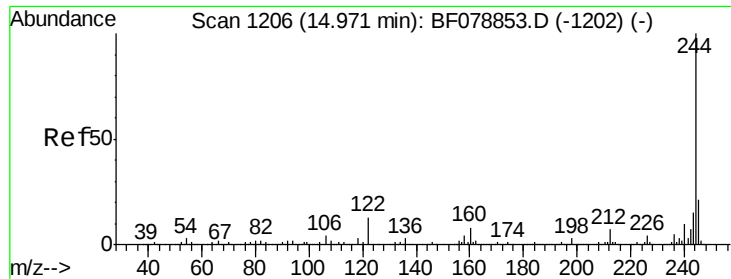


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 33.60 ng

RT: 14.87 min Scan# 1197

Delta R.T. -0.01 min

Lab File: BF079181.D

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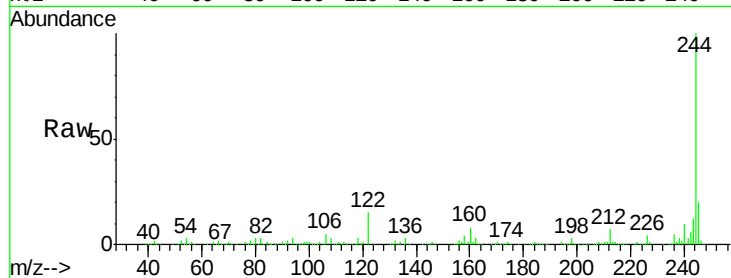
Tgt Ion:244 Resp: 356334

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

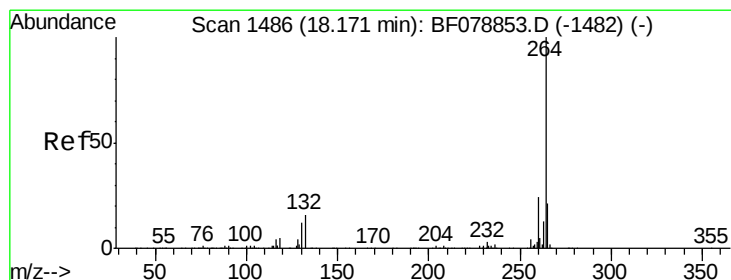
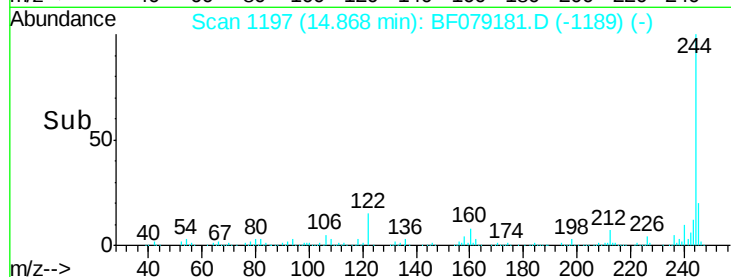
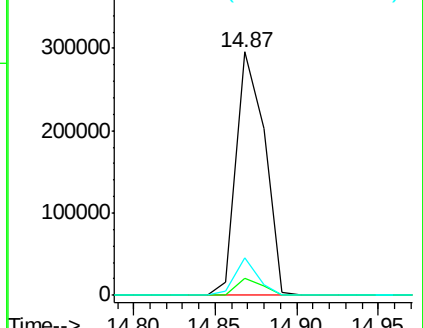
122 15.5 10.3 15.5#



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 17.92 min Scan# 1464

Delta R.T. 0.05 min

Lab File: BF079181.D

Acq: 13 May 2015 4:22

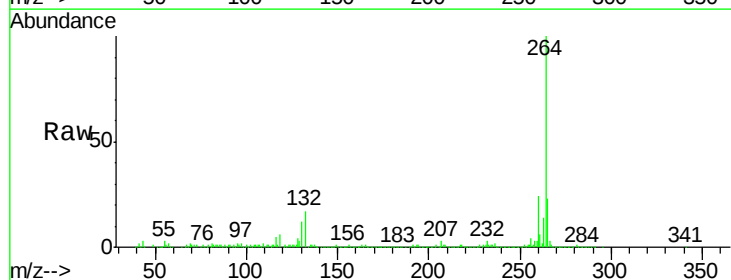
Tgt Ion:264 Resp: 262612

Ion Ratio Lower Upper

264 100

260 24.0 19.4 29.2

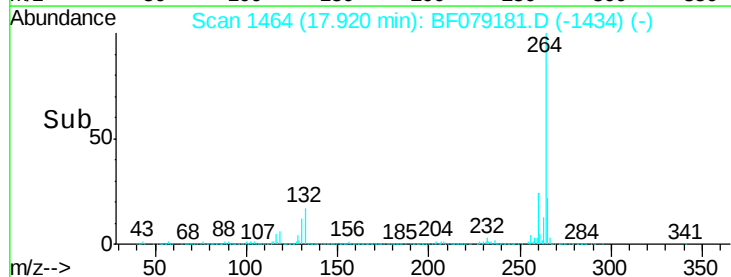
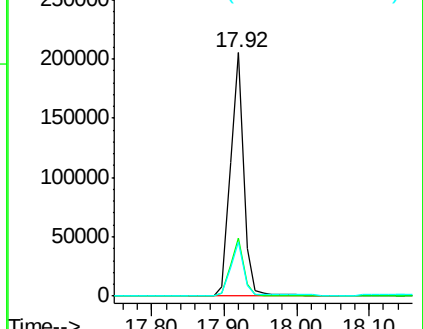
265 22.5 18.3 27.5

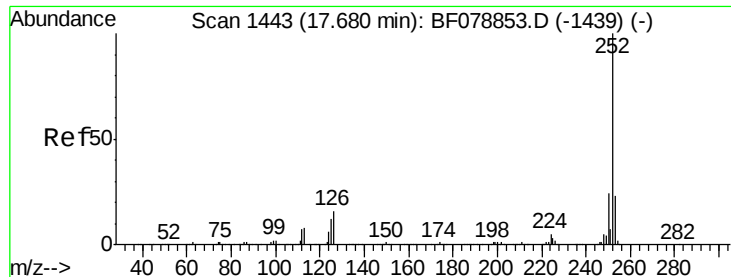


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 3.51 ng

RT: 17.46 min Scan# 1424

Delta R.T. 0.02 min

Lab File: BF079181.D

Acq: 13 May 2015 4:22

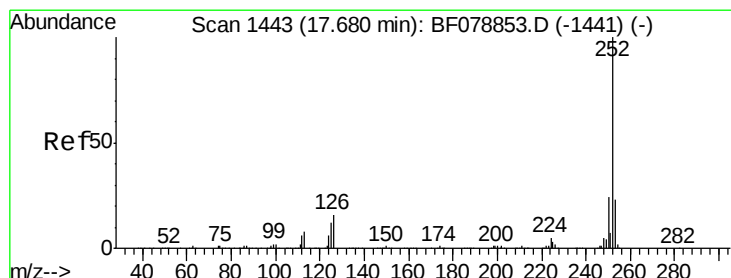
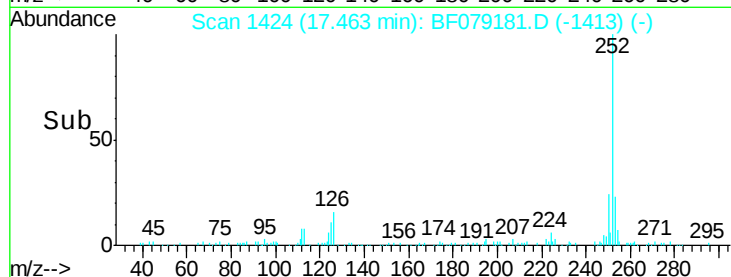
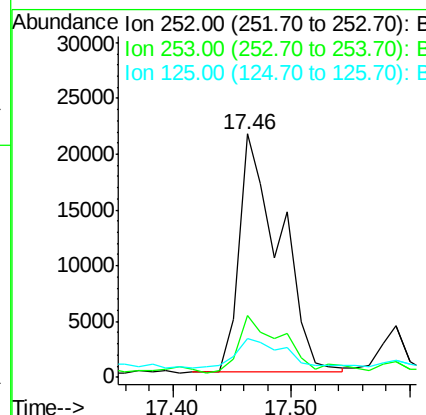
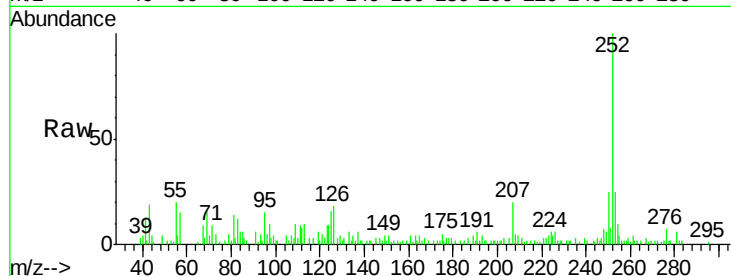
Instrument :

BNA_F

ClientSampleId :

C-COMP

Tgt Ion:	252	Resp:	50437
Ion Ratio	Lower	Upper	
252	100		
253	25.2	17.7	26.5
125	15.7	9.5	14.3#



#88

Benzo(k)fluoranthene

Concen: 3.60 ng

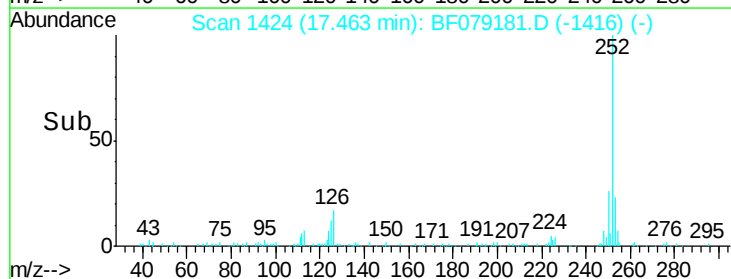
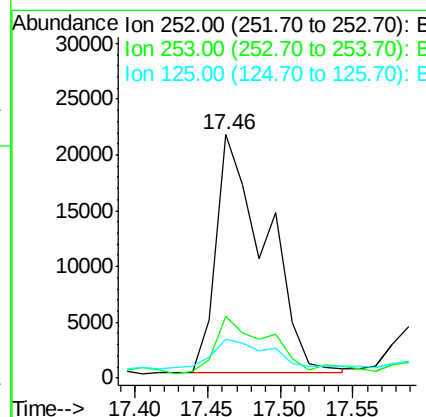
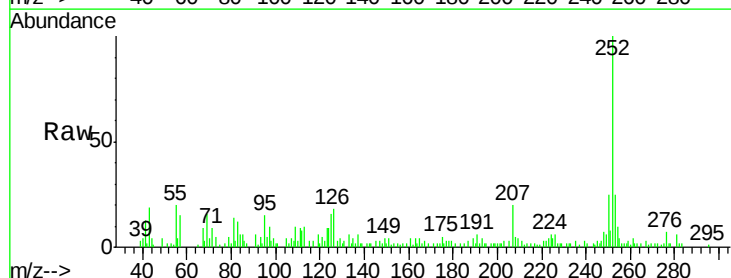
RT: 17.46 min Scan# 1424

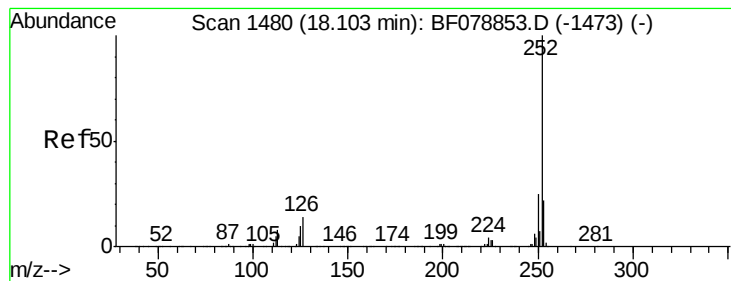
Delta R.T. -0.01 min

Lab File: BF079181.D

Acq: 13 May 2015 4:22

Tgt Ion:	252	Resp:	50027
Ion Ratio	Lower	Upper	
252	100		
253	25.2	18.1	27.1
125	15.7	10.0	15.0#





#89

Benzo(a)pyrene

Concen: 2.02 ng

RT: 17.85 min Scan# 1458

Delta R.T. 0.05 min

Lab File: BF079181.D

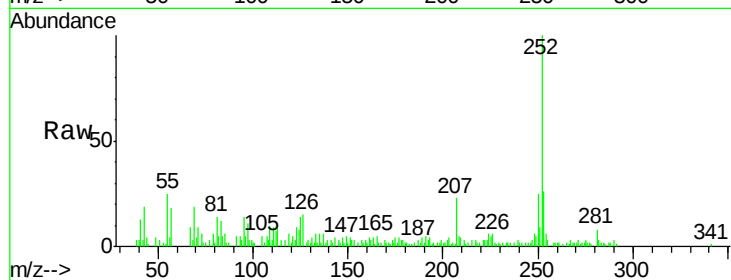
Acq: 13 May 2015 4:22

Instrument :

BNA_F

ClientSampleId :

C-COMP



Tgt Ion:	252	Resp:	26783
Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.3	25.9
125	14.0	7.0	10.6

