

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060315\
 Data File : BF079694.D
 Acq On : 4 Jun 2015 8:20
 Operator : TP/IZ
 Sample : G2420-28 2X
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PENRD8.14(5)

Quant Time: Jun 04 15:19:04 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 04 14:55:40 2015
 Response via : Initial Calibration

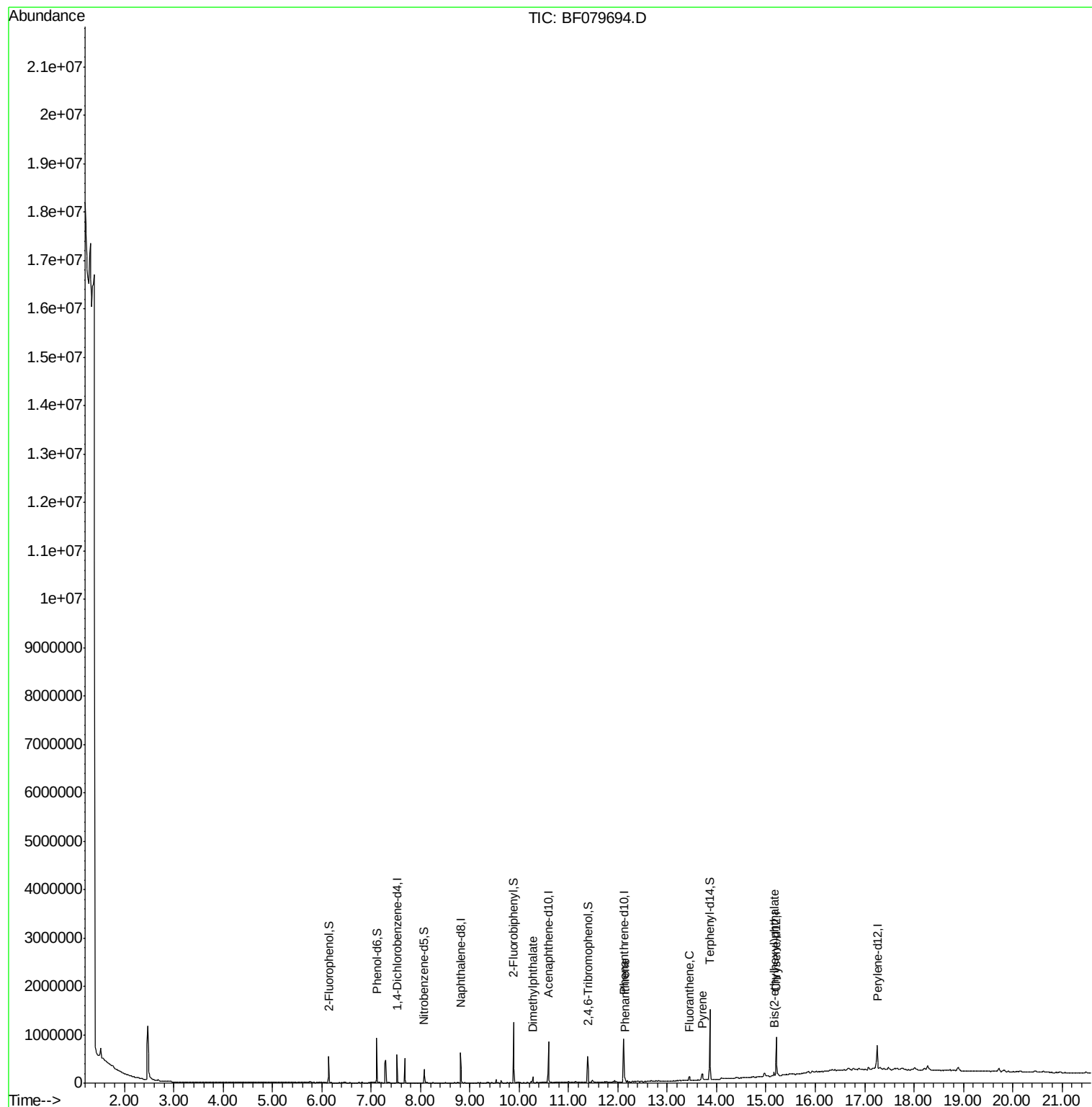
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	81200	20.00	ng	0.00
21) Naphthalene-d8	8.81	136	303656	20.00	ng	0.00
38) Acenaphthene-d10	10.59	164	162523	20.00	ng	0.00
63) Phenanthrene-d10	12.11	188	315650	20.00	ng	-0.02
75) Chrysene-d12	15.21	240	325344	20.00	ng	-0.17
86) Perylene-d12	17.26	264	304356	20.00	ng	-0.23
System Monitoring Compounds						
5) 2-Fluorophenol	6.14	112	137582	31.11	ng	0.00
7) Phenol-d6	7.11	99	265162	44.14	ng	0.00
23) Nitrobenzene-d5	8.07	82	104853	17.71	ng	-0.01
41) 2,4,6-Tribromophenol	11.39	330	63454	47.31	ng	0.00
44) 2-Fluorobiphenyl	9.88	172	376303	27.81	ng	0.00
78) Terphenyl-d14	13.86	244	473364	30.69	ng	-0.09
Target Compounds						Qvalue
49) Dimethylphthalate	10.27	163	42367	3.56	ng	98
70) Phenanthrene	12.14	178	44736	2.56	ng	99
74) Fluoranthene	13.45	202	44029	2.34	ng	94
77) Pyrene	13.71	202	44969	2.40	ng	98
83) Bis(2-ethylhexyl)phthalate	15.17	149	26671	5.55	ng	98

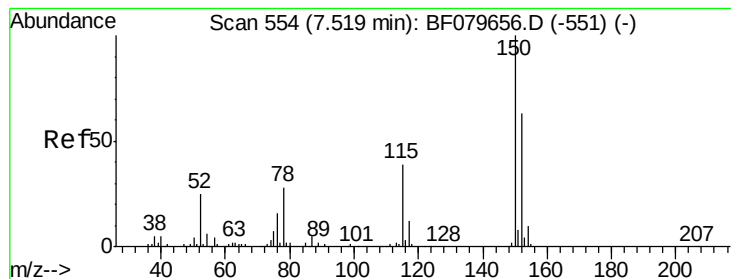
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jun 04 14:55:40 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.52 min Scan# 554

Delta R.T. 0.00 min

Lab File: BF079694.D

Acq: 4 Jun 2015 8:20

Instrument :

BNA_F

ClientSampleId :

PENRD8.14(5)

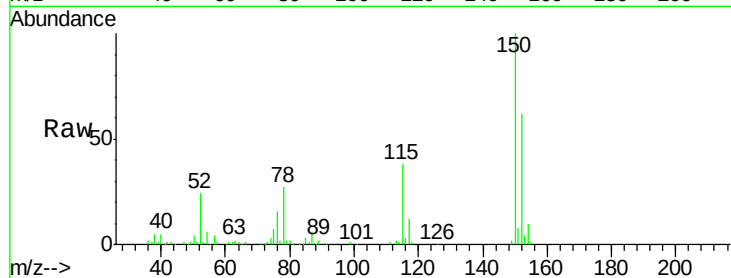
Tot Ion:152 Resp: 81200

Ion Ratio Lower Upper

152 100

150 161.1 126.7 190.1

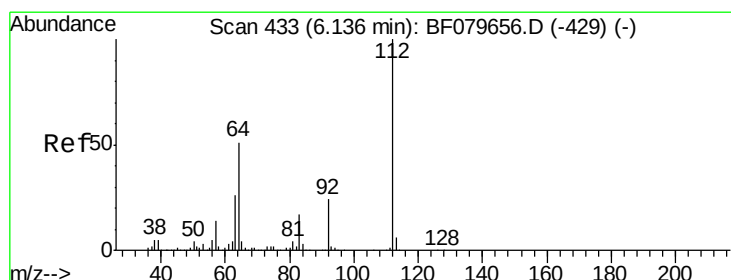
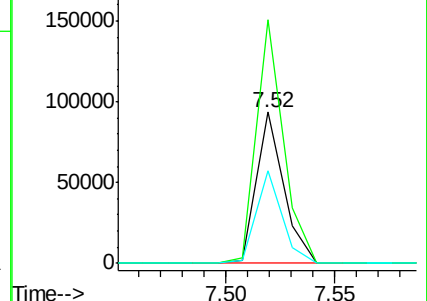
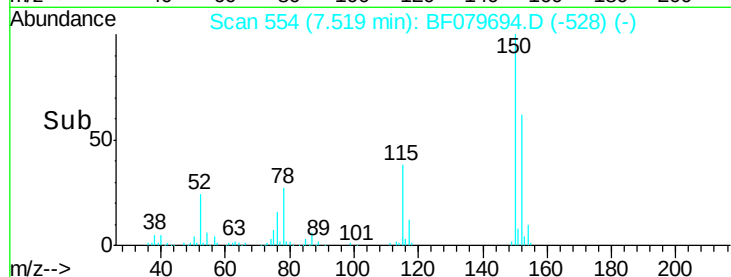
115 61.2 49.2 73.8



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: 31.11 ng

RT: 6.14 min Scan# 433

Delta R.T. 0.00 min

Lab File: BF079694.D

Acq: 4 Jun 2015 8:20

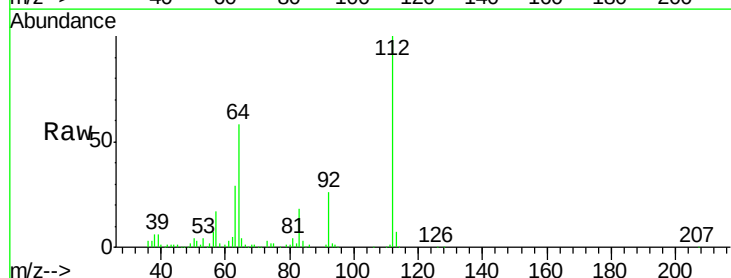
Tgt Ion:112 Resp: 137582

Ion Ratio Lower Upper

112 100

64 58.0 41.1 61.7

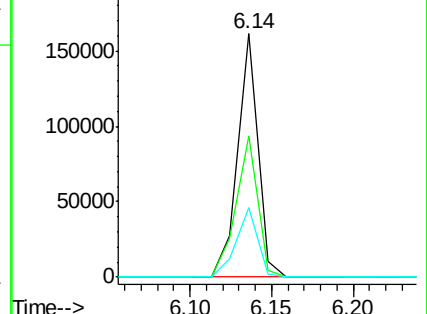
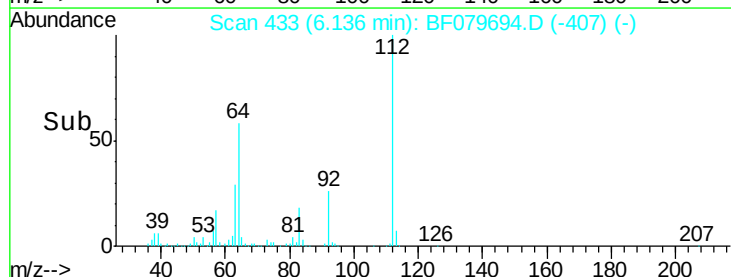
63 28.7 20.5 30.7

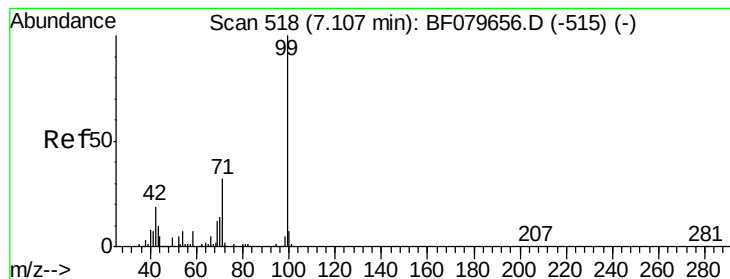


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 44.14 ng

RT: 7.11 min Scan# 518

Delta R.T. 0.00 min

Lab File: BF079694.D

Acq: 4 Jun 2015 8:20

Instrument :

BNA_F

ClientSampleId :

PENRD8.14(5)

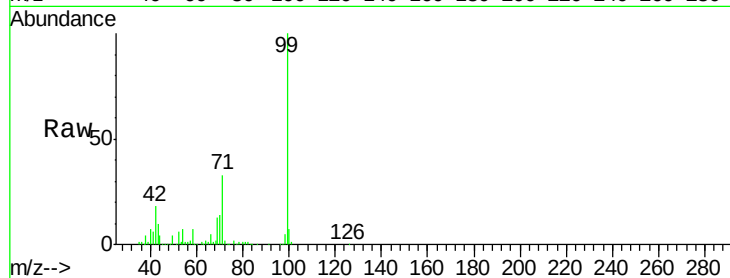
Tot Ion: 99 Resp: 265162

Ion Ratio Lower Upper

99 100

42 18.3 15.2 22.8

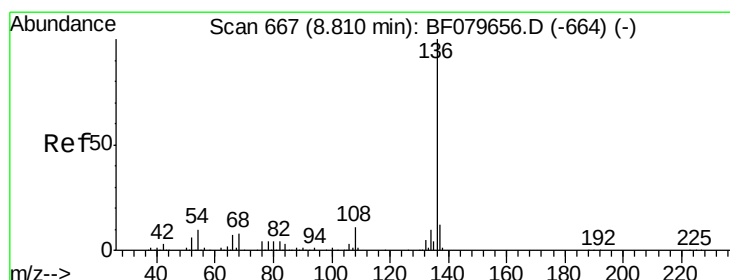
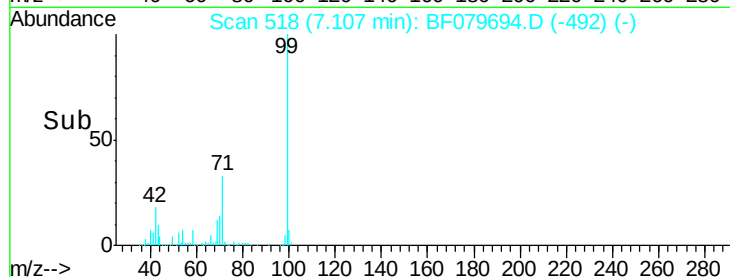
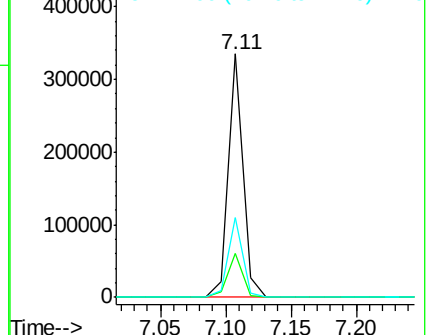
71 32.7 25.9 38.9



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: 8.81 min Scan# 667

Delta R.T. 0.00 min

Lab File: BF079694.D

Acq: 4 Jun 2015 8:20

Tgt Ion: 136 Resp: 303656

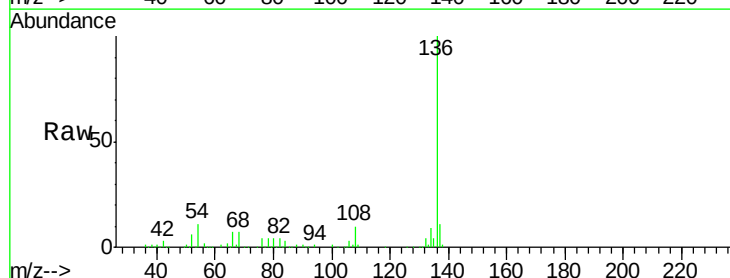
Ion Ratio Lower Upper

136 100

137 11.5 9.3 13.9

54 10.7 8.3 12.5

68 7.2 6.1 9.1

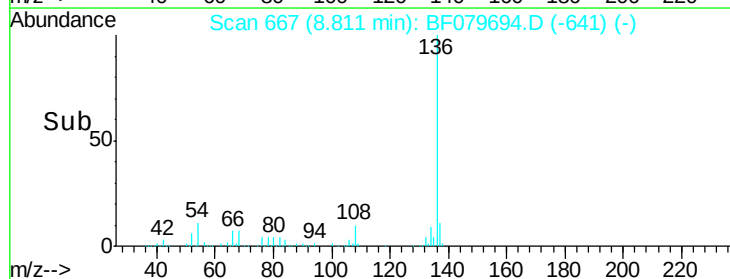
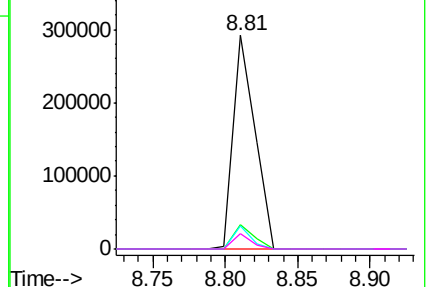


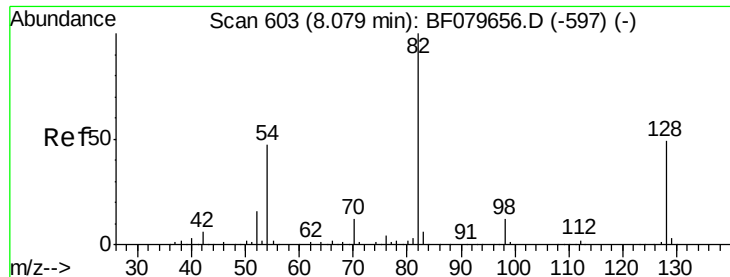
Abundance Ion 136.00 (135.70 to 136.70): E

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

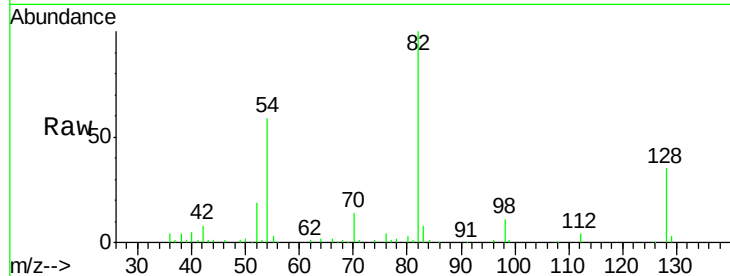




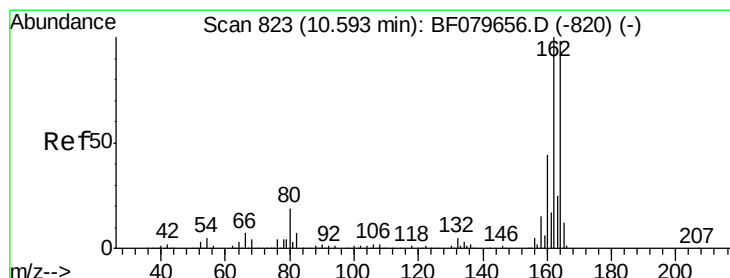
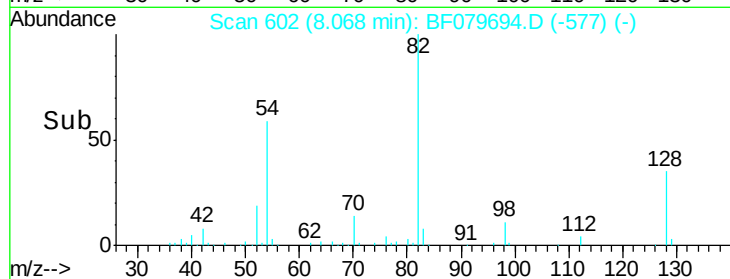
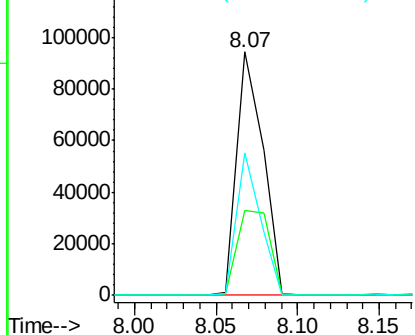
#23
 Nitrobenzene-d5
 Concen: 17.71 ng
 RT: 8.07 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: BF079694.D
 Acq: 4 Jun 2015 8:20

Instrument :
 BNA_F
 ClientSampleId :
 PENRD8.14(5)

Tot Ion	82	Resp	104853
Ion Ratio	Lower	Upper	
82	100		
128	34.7	39.4	59.0#
54	58.7	37.4	56.0#

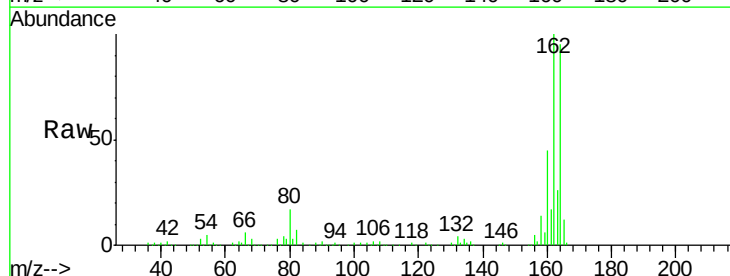


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

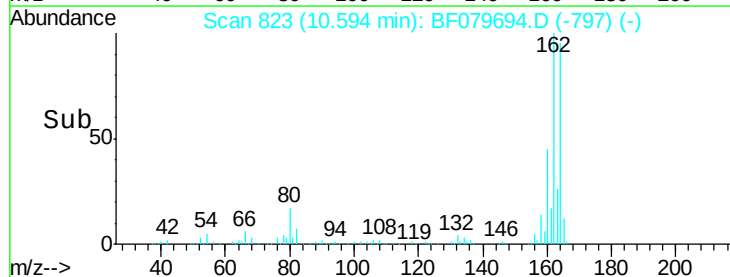
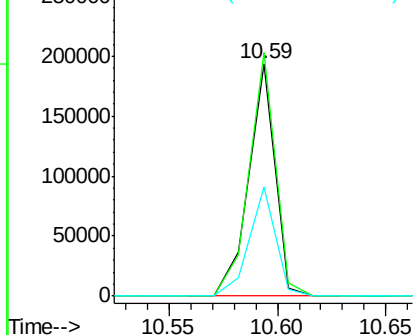


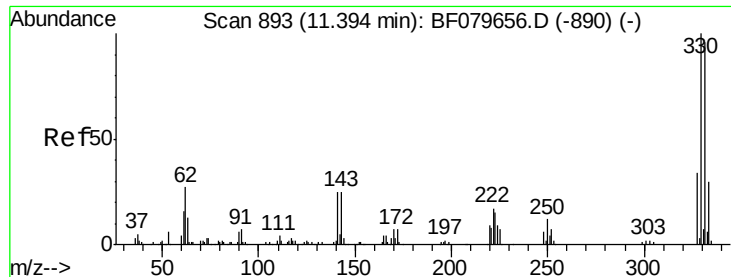
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.59 min Scan# 823
 Delta R.T. 0.00 min
 Lab File: BF079694.D
 Acq: 4 Jun 2015 8:20

Tgt Ion	164	Resp	162523
Ion Ratio	Lower	Upper	
164	100		
162	104.9	82.0	123.0
160	46.8	35.9	53.9



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

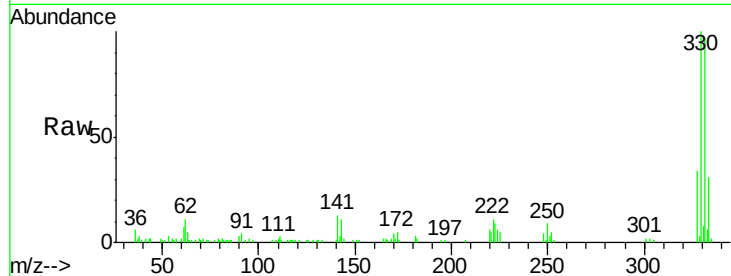




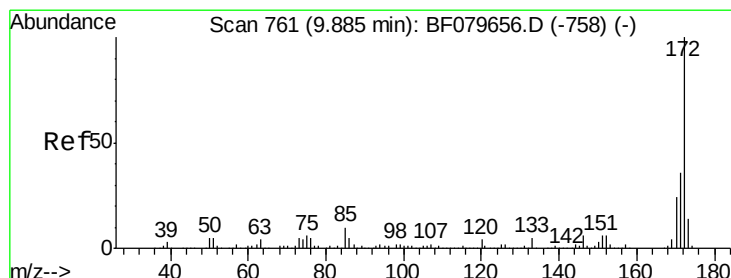
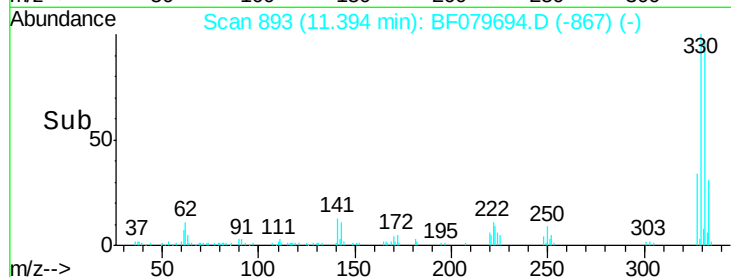
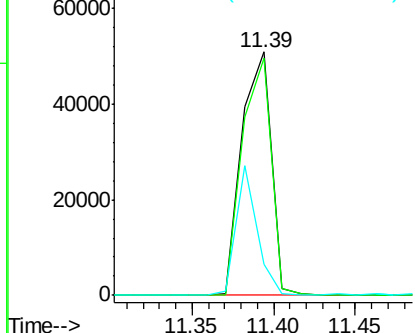
#41
 2,4,6-Tribromophenol
 Concen: 47.31 ng
 RT: 11.39 min Scan# 893
 Delta R.T. 0.00 min
 Lab File: BF079694.D
 Acq: 4 Jun 2015 8:20

Instrument :
 BNA_F
 ClientSampleId :
 PENRD8.14(5)

Tot Ion:330 Resp: 63454
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.3 115.9
 141 37.8 27.4 41.2

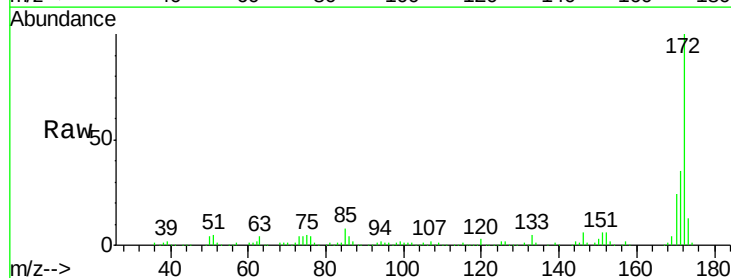


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

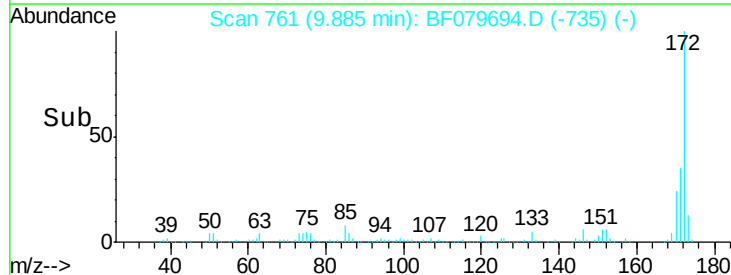
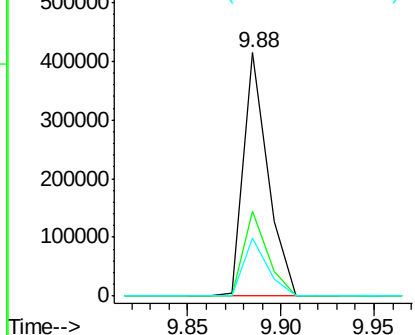


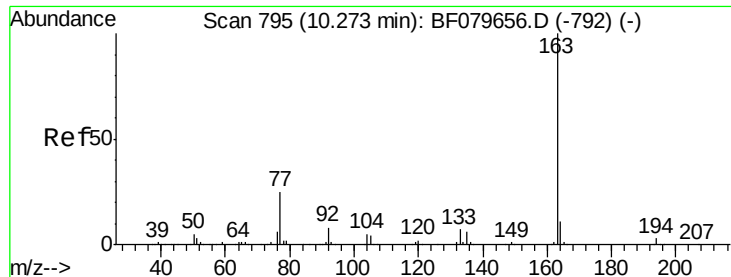
#44
 2-Fluorobiphenyl
 Concen: 27.81 ng
 RT: 9.88 min Scan# 761
 Delta R.T. 0.00 min
 Lab File: BF079694.D
 Acq: 4 Jun 2015 8:20

Tgt Ion:172 Resp: 376303
 Ion Ratio Lower Upper
 172 100
 171 34.8 28.8 43.2
 170 23.7 19.2 28.8



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: 3.56 ng

RT: 10.27 min Scan# 795

Delta R.T. 0.00 min

Lab File: BF079694.D

Acq: 4 Jun 2015 8:20

Instrument :

BNA_F

ClientSampleId :

PENRD8.14(5)

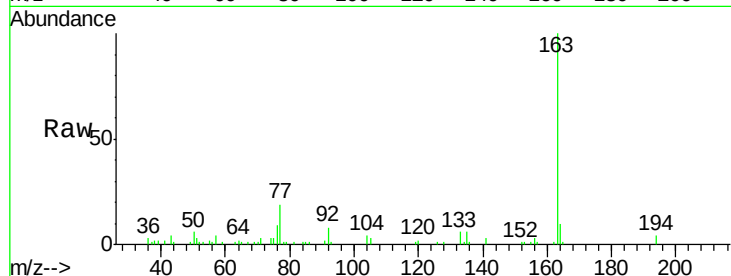
Tot Ion:163 Resp: 42367

Ion Ratio Lower Upper

163 100

194 3.7 2.6 3.8

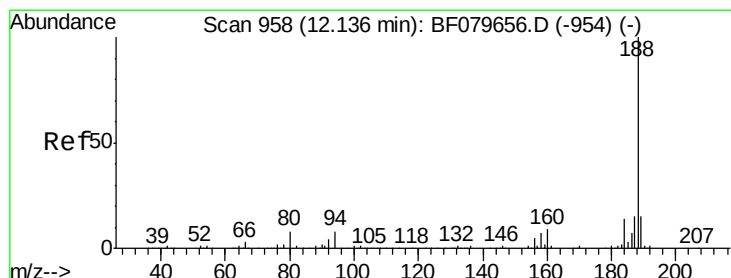
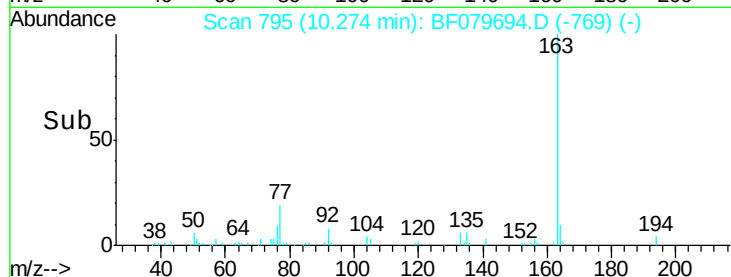
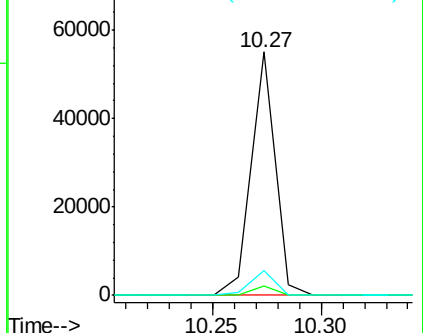
164 9.9 8.6 12.8



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: 12.11 min Scan# 956

Delta R.T. -0.02 min

Lab File: BF079694.D

Acq: 4 Jun 2015 8:20

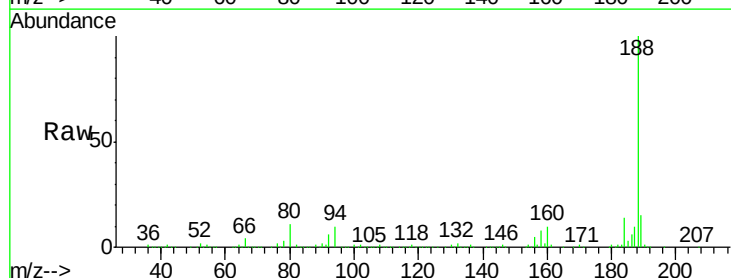
Tgt Ion:188 Resp: 315650

Ion Ratio Lower Upper

188 100

94 9.9 6.1 9.1#

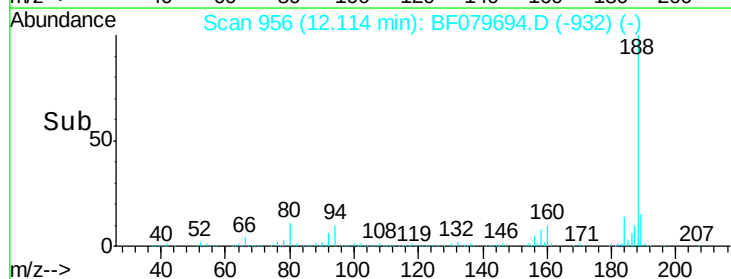
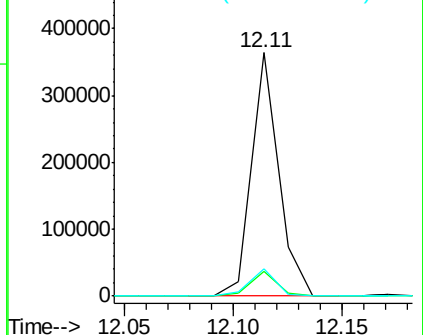
80 11.1 6.2 9.2#

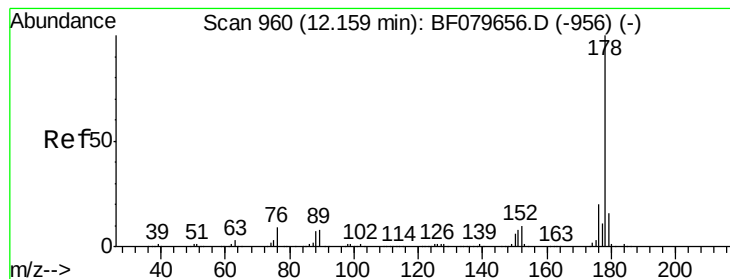


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#70

Phenanthrene

Concen: 2.56 ng

RT: 12.14 min Scan# 958

Delta R.T. -0.02 min

Lab File: BF079694.D

Acq: 4 Jun 2015 8:20

Instrument :

BNA_F

ClientSampleId :

PENRD8.14(5)

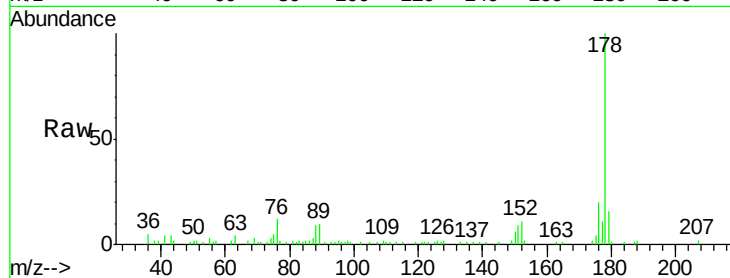
Tot Ion:178 Resp: 44736

Ion Ratio Lower Upper

178 100

176 20.3 15.8 23.8

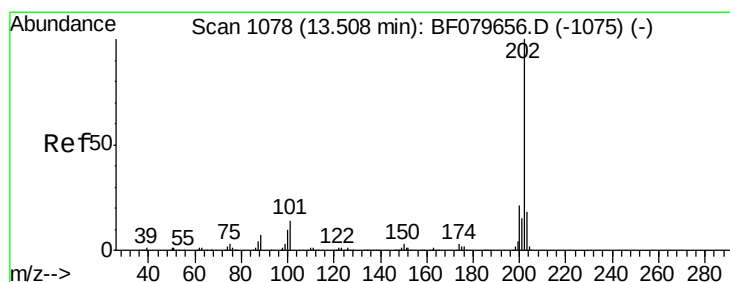
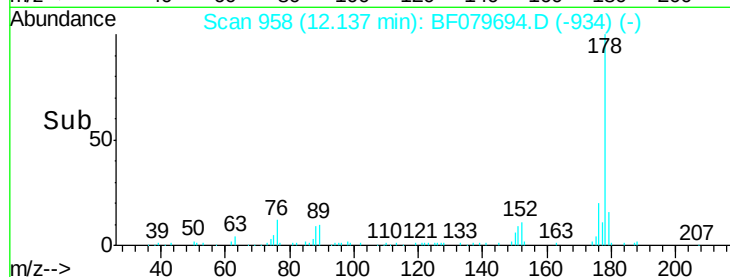
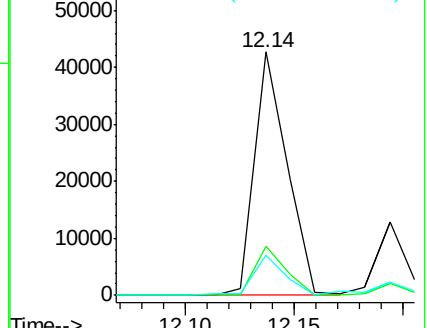
179 16.2 12.7 19.1



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



#74

Fluoranthene

Concen: 2.34 ng

RT: 13.45 min Scan# 1073

Delta R.T. -0.06 min

Lab File: BF079694.D

Acq: 4 Jun 2015 8:20

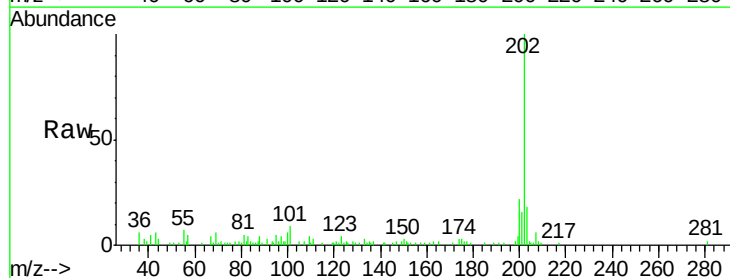
Tgt Ion:202 Resp: 44029

Ion Ratio Lower Upper

202 100

101 8.6 0.0 34.0

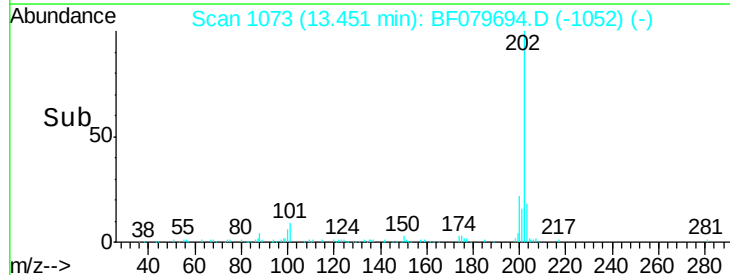
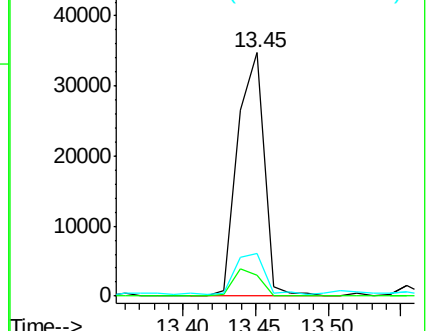
203 17.7 0.0 37.9

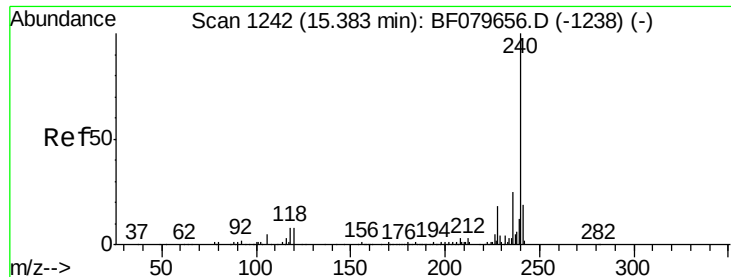


Abundance Ion 202.00 (201.70 to 202.70): E

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: 15.21 min Scan# 1227

Delta R.T. -0.17 min

Lab File: BF079694.D

Acq: 4 Jun 2015 8:20

Instrument :

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PENRD8.14(5)

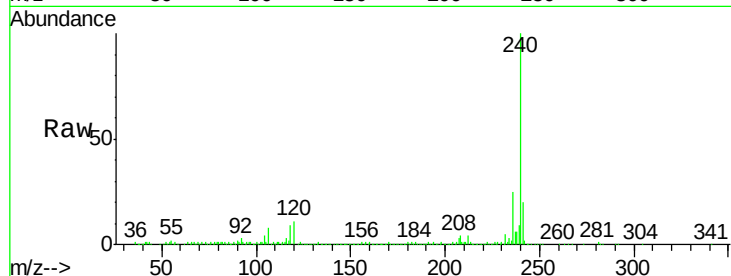
Tot Ion:240 Resp: 325344

Ion Ratio Lower Upper

240 100

120 10.9 6.4 9.6#

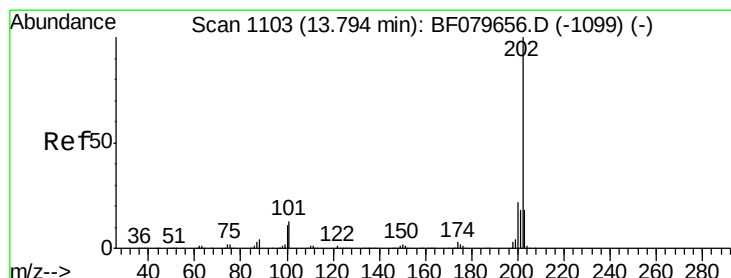
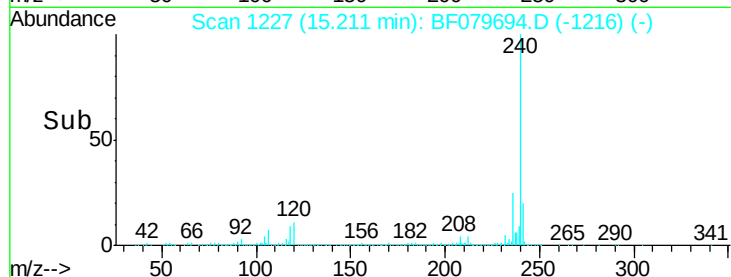
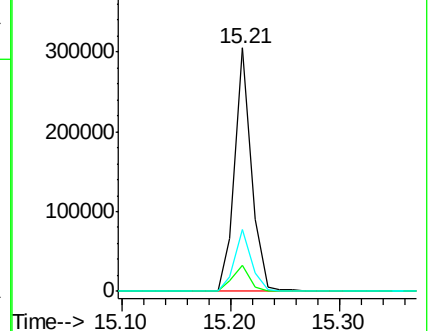
236 25.3 20.2 30.4



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: 2.40 ng

RT: 13.71 min Scan# 1096

Delta R.T. -0.08 min

Lab File: BF079694.D

Acq: 4 Jun 2015 8:20

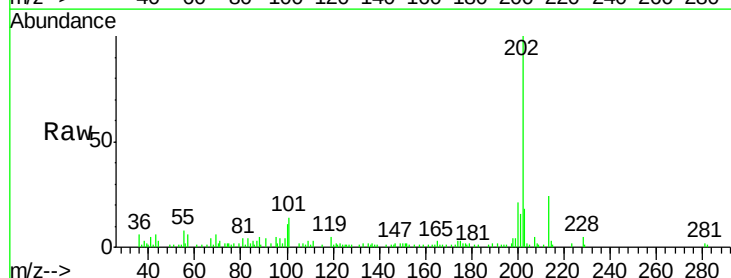
Tgt Ion:202 Resp: 44969

Ion Ratio Lower Upper

202 100

200 20.8 17.4 26.0

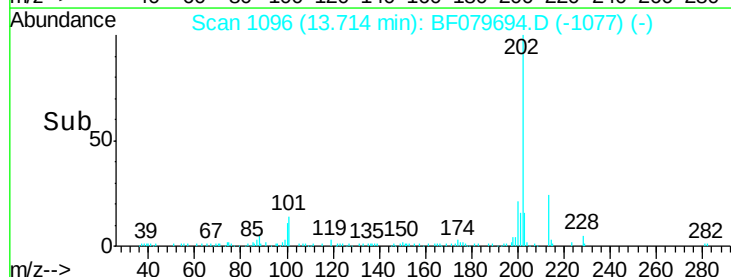
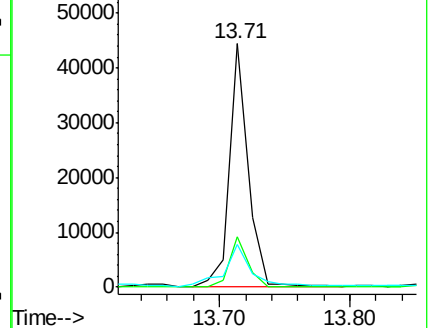
203 17.6 14.5 21.7

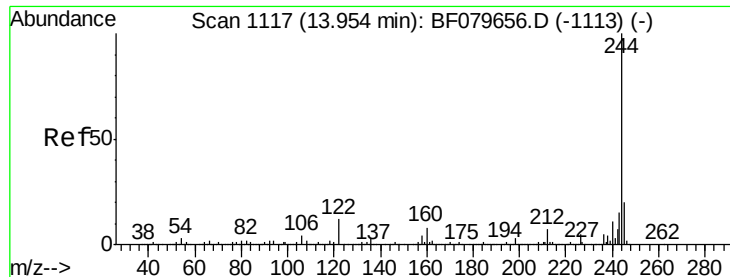


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 30.69 ng

RT: 13.86 min Scan# 1109

Delta R.T. -0.09 min

Lab File: BF079694.D

Acq: 4 Jun 2015 8:20

Instrument :

BNA_F

ClientSampleId :

PENRD8.14(5)

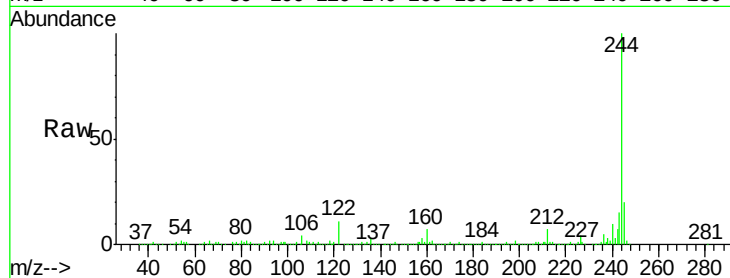
Tot Ion:244 Resp: 473364

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

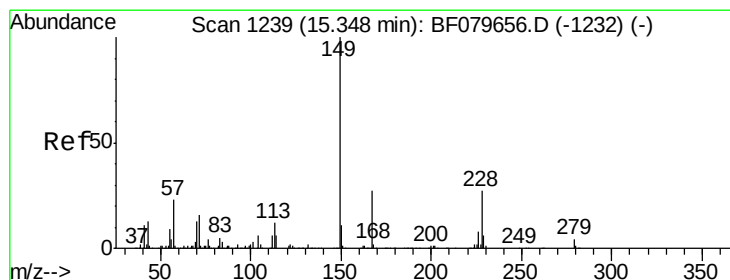
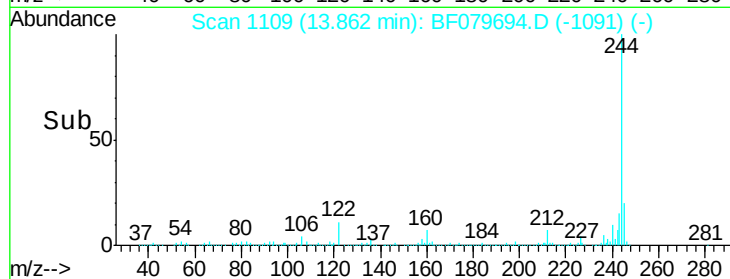
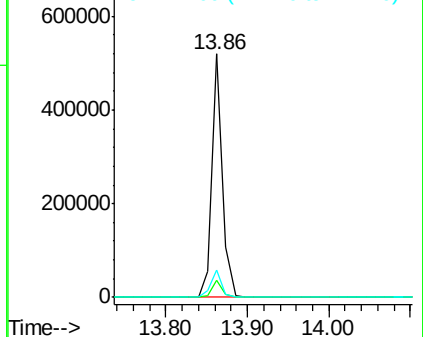
122 11.3 9.8 14.6



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 5.55 ng

RT: 15.17 min Scan# 1223

Delta R.T. -0.18 min

Lab File: BF079694.D

Acq: 4 Jun 2015 8:20

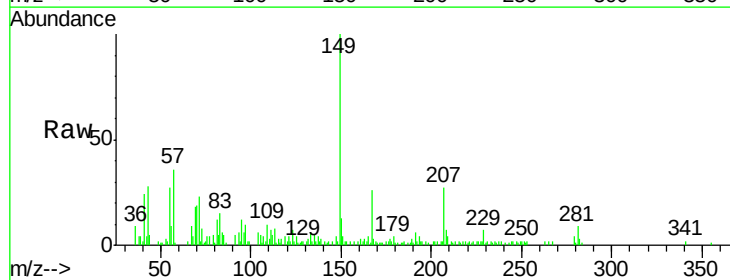
Tgt Ion:149 Resp: 26671

Ion Ratio Lower Upper

149 100

167 25.8 21.6 32.4

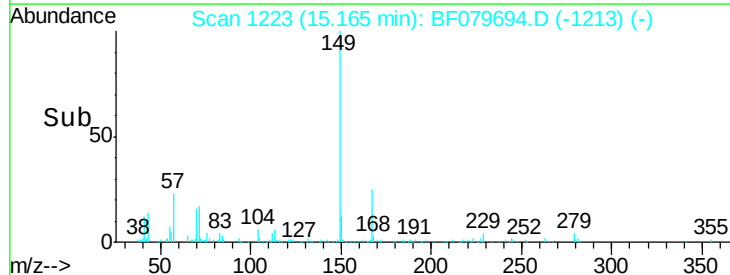
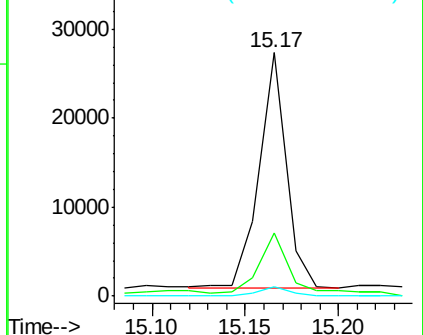
279 3.6 3.1 4.7

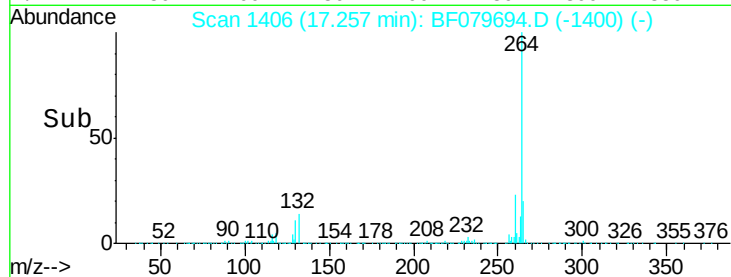
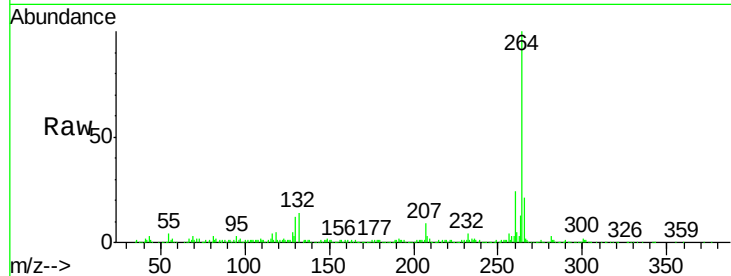
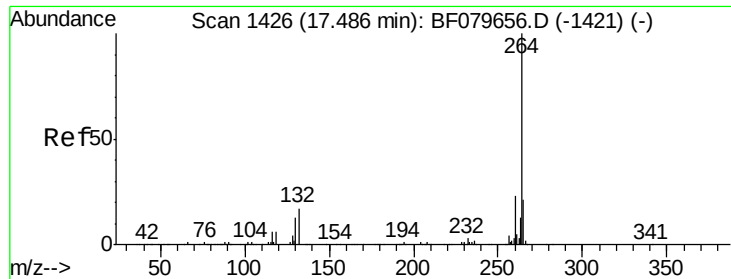


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 17.26 min Scan# 1406
Delta R.T. -0.23 min
Lab File: BF079694.D
Acq: 4 Jun 2015 8:20

Instrument :
BNA_F
ClientSampleId :
PENRD8.14(5)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.8	28.2
265	20.9	17.4	26.0

