

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061215\
 Data File : BF079940.D
 Acq On : 12 Jun 2015 17:38
 Operator : TP/IZ
 Sample : G2574-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S8

Quant Time: Jun 12 23:10:02 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 12 22:57:49 2015
 Response via : Initial Calibration

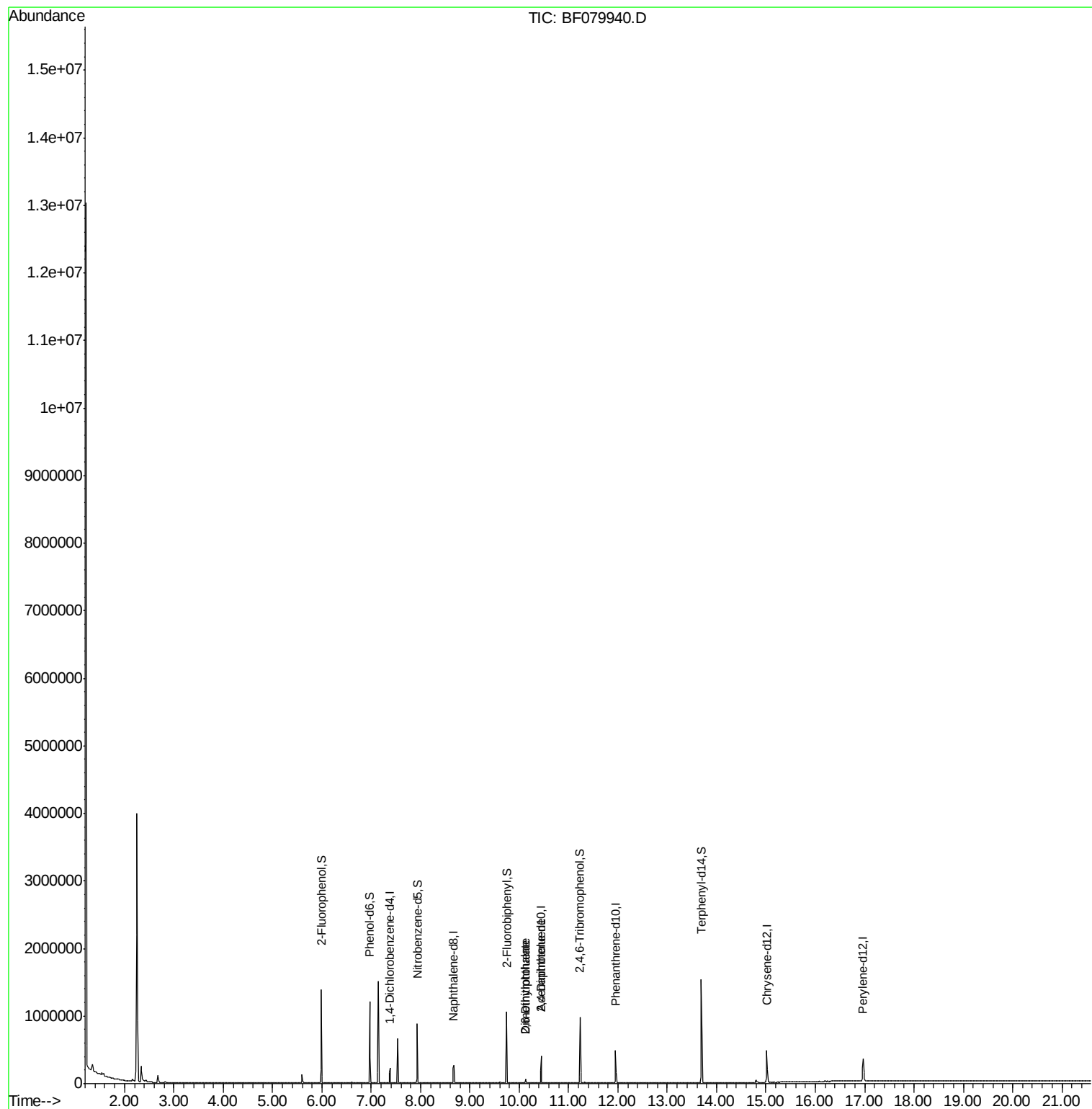
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	44219	20.00	ng	0.00
21) Naphthalene-d8	8.67	136	166702	20.00	ng	0.00
38) Acenaphthene-d10	10.44	164	88713	20.00	ng	0.00
63) Phenanthrene-d10	11.95	188	185438	20.00	ng	-0.02
75) Chrysene-d12	15.02	240	205255	20.00	ng	-0.13
86) Perylene-d12	16.97	264	195663	20.00	ng	-0.13
System Monitoring Compounds						
5) 2-Fluorophenol	5.99	112	330778	137.17	ng	0.00
7) Phenol-d6	6.97	99	407676	124.08	ng	0.00
23) Nitrobenzene-d5	7.93	82	237277	93.91	ng	0.00
41) 2,4,6-Tribromophenol	11.23	330	99140	111.39	ng	-0.01
44) 2-Fluorobiphenyl	9.75	172	476288	75.18	ng	0.00
78) Terphenyl-d14	13.69	244	610016	68.52	ng	-0.08
Target Compounds						
49) Dimethylphthalate	10.12	163	31119	4.38	ng	99
50) 2,6-Dinitrotoluene	10.12	165	224	3.21	ng	# 1
56) 2,4-Dinitrotoluene	10.44	165	10941	10.53	ng	# 32
82) Chrysene	15.05	228	1688	Below Cal		99

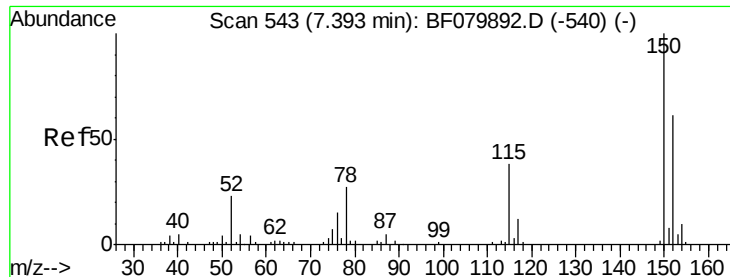
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 12 23:10:02 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 12 22:57:49 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.38 min Scan# 542

Delta R.T. 0.00 min

Lab File: BF079940.D

Acq: 12 Jun 2015 17:38

Instrument :

BNA_F

ClientSampled :

S8

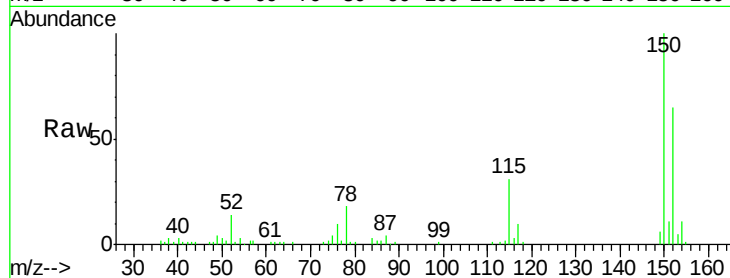
Tgt Ion:152 Resp: 44219

Ion Ratio Lower Upper

152 100

150 154.5 131.0 196.4

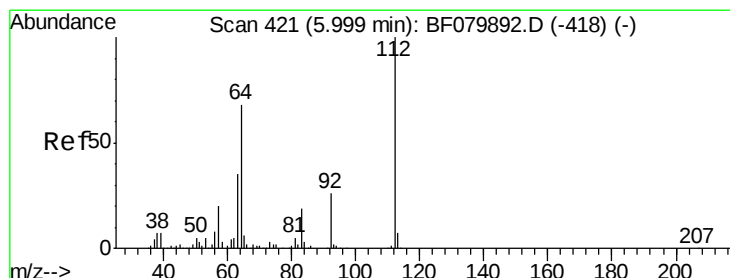
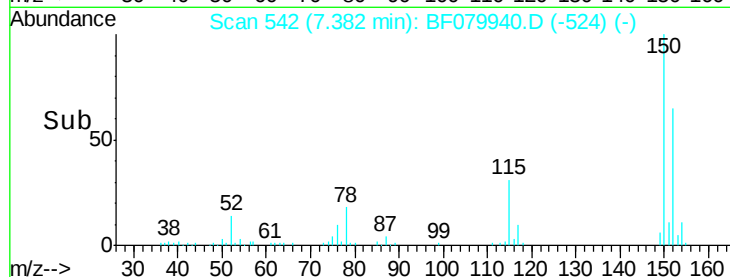
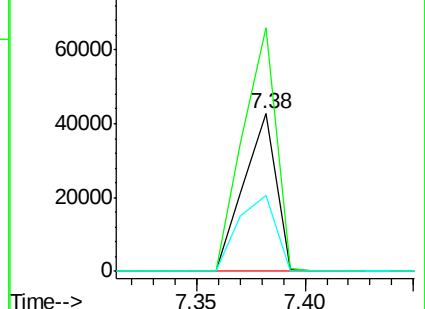
115 48.0 49.8 74.6#



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: 137.17 ng

RT: 5.99 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF079940.D

Acq: 12 Jun 2015 17:38

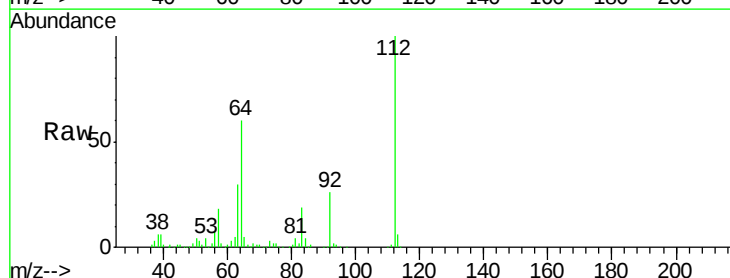
Tgt Ion:112 Resp: 330778

Ion Ratio Lower Upper

112 100

64 60.4 54.5 81.7

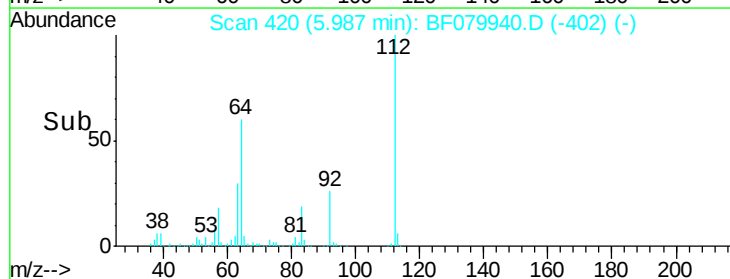
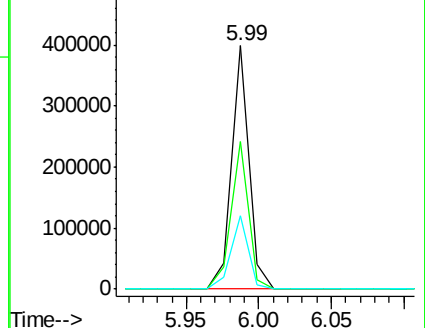
63 30.4 27.9 41.9



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: 124.08 ng

RT: 6.97 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF079940.D

Acq: 12 Jun 2015 17:38

Instrument :

BNA_F

ClientSampled :

S8

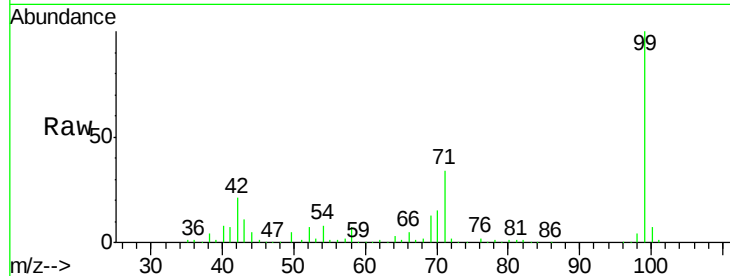
Tgt Ion: 99 Resp: 407676

Ion Ratio Lower Upper

99 100

42 21.0 12.9 19.3#

71 34.4 23.4 35.2

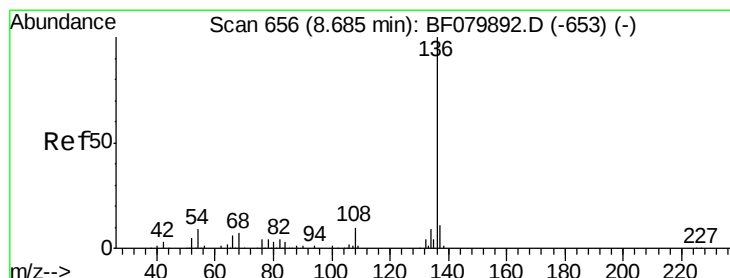
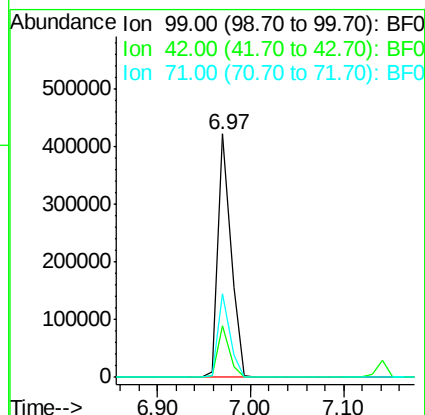
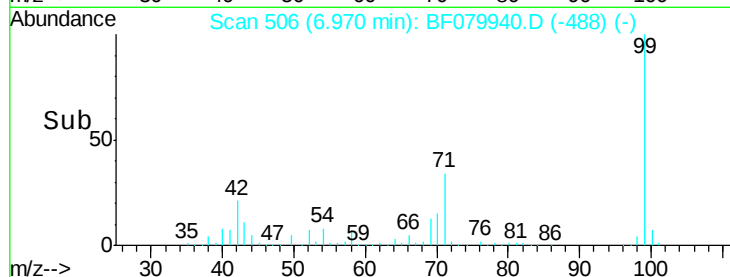


Abundance Ion 99.00 (98.70 to 99.70): BF079892.D (-505) (-)

Ion 42.00 (41.70 to 42.70): BF079892.D (-505) (-)

Ion 71.00 (70.70 to 71.70): BF079892.D (-505) (-)

Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.67 min Scan# 655

Delta R.T. 0.00 min

Lab File: BF079940.D

Acq: 12 Jun 2015 17:38

Tgt Ion: 136 Resp: 166702

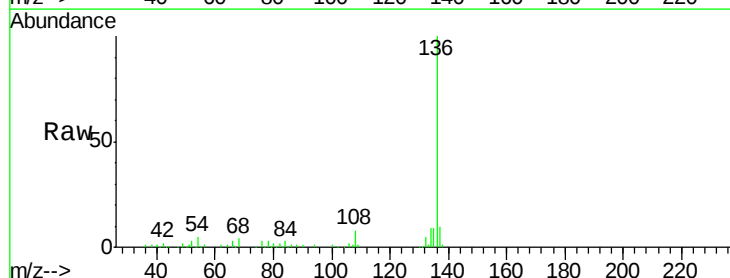
Ion Ratio Lower Upper

136 100

137 10.0 8.7 13.1

54 5.1 7.3 10.9#

68 4.2 5.9 8.9#



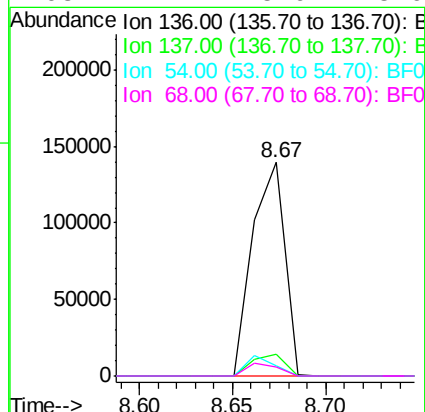
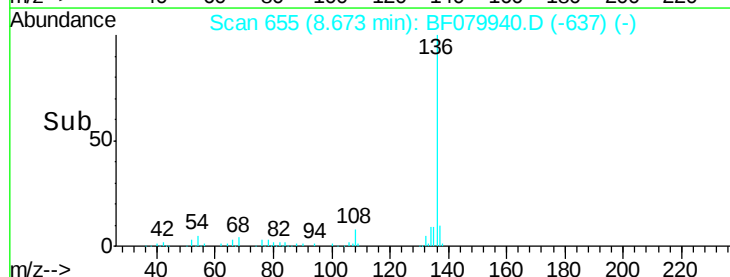
Abundance Ion 136.00 (135.70 to 136.70): BF079892.D (-653) (-)

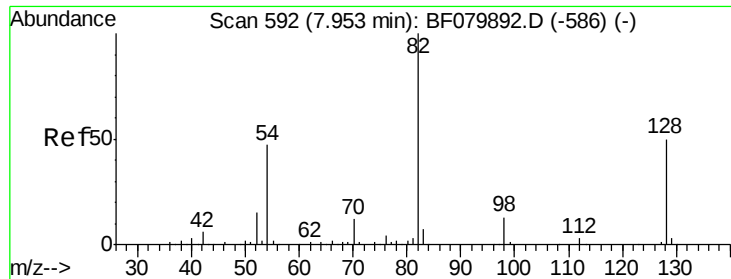
Ion 137.00 (136.70 to 137.70): BF079892.D (-653) (-)

Ion 54.00 (53.70 to 54.70): BF079892.D (-653) (-)

Ion 68.00 (67.70 to 68.70): BF079892.D (-653) (-)

Time-->

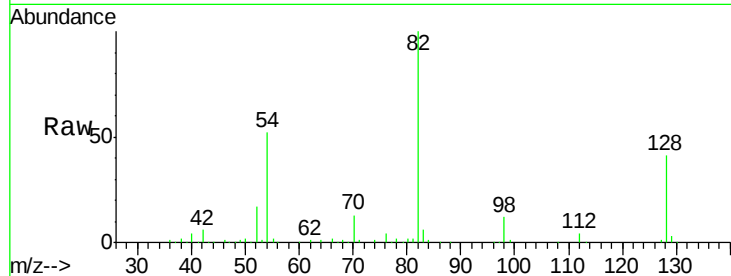




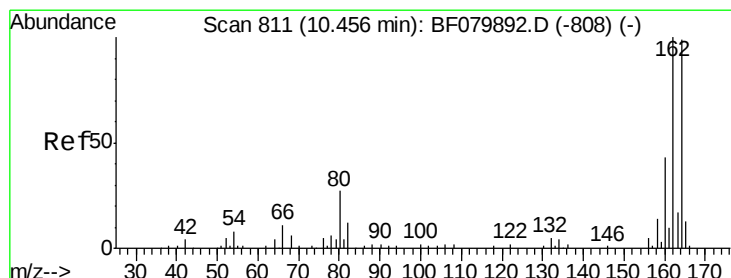
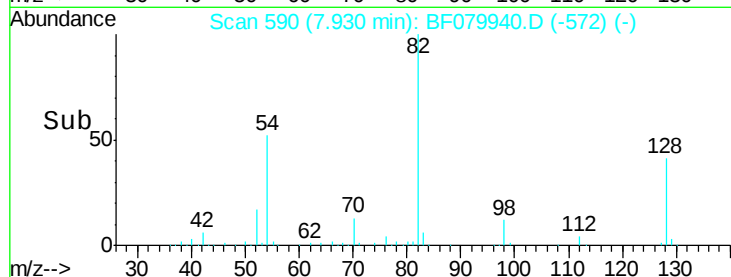
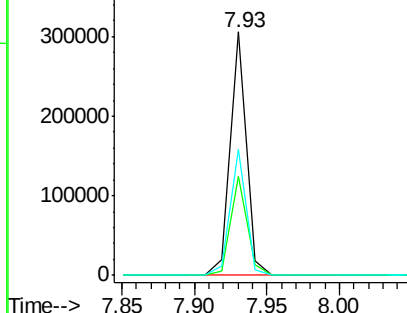
#23
Nitrobenzene-d5
Concen: 93.91 ng
RT: 7.93 min Scan# 590
Delta R.T. 0.00 min
Lab File: BF079940.D
Acq: 12 Jun 2015 17:38

Instrument :
BNA_F
ClientSampled :
S8

Tgt Ion: 82 Resp: 237277
Ion Ratio Lower Upper
82 100
128 40.6 40.3 60.5
54 51.5 38.0 57.0

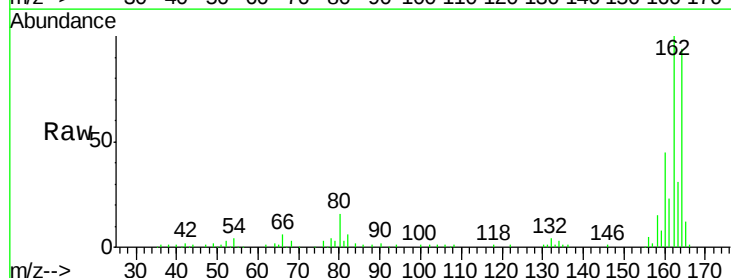


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

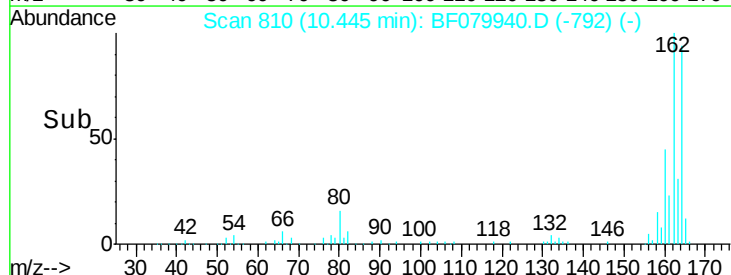
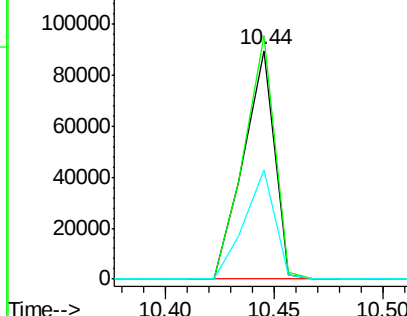


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.44 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF079940.D
Acq: 12 Jun 2015 17:38

Tgt Ion: 164 Resp: 88713
Ion Ratio Lower Upper
164 100
162 106.5 80.7 121.1
160 47.9 34.6 51.8



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

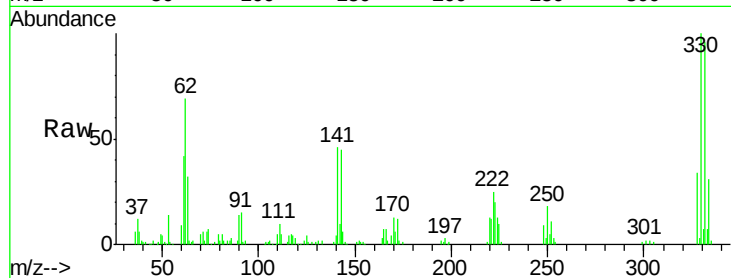




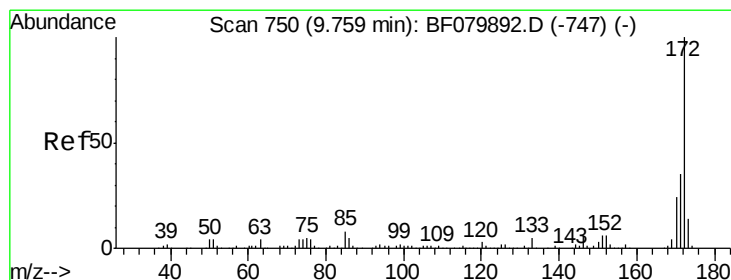
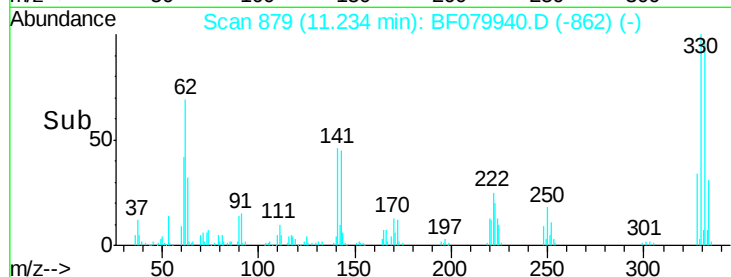
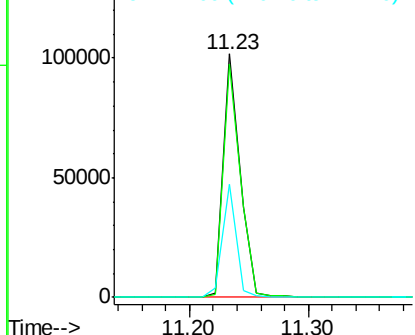
#41
 2,4,6-Tribromophenol
 Concen: 111.39 ng
 RT: 11.23 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF079940.D
 Acq: 12 Jun 2015 17:38

Instrument :
 BNA_F
 ClientSampleId :
 S8

Tgt Ion:330 Resp: 99140
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.3 115.9
 141 37.8 26.8 40.2

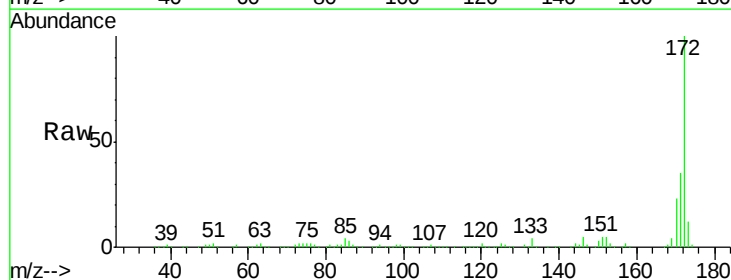


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

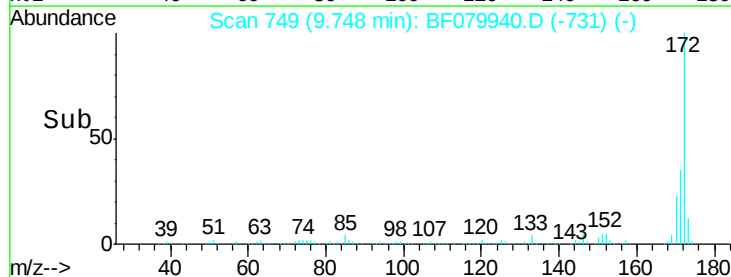
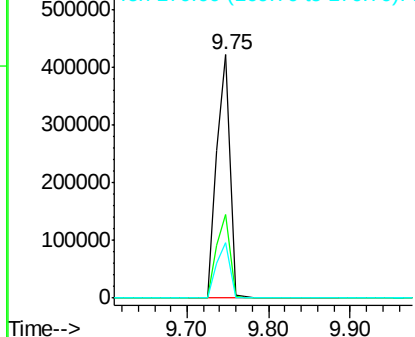


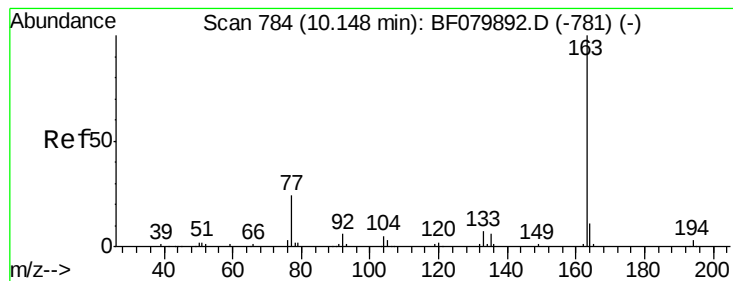
#44
 2-Fluorobiphenyl
 Concen: 75.18 ng
 RT: 9.75 min Scan# 749
 Delta R.T. 0.00 min
 Lab File: BF079940.D
 Acq: 12 Jun 2015 17:38

Tgt Ion:172 Resp: 476288
 Ion Ratio Lower Upper
 172 100
 171 34.6 28.3 42.5
 170 23.0 19.0 28.4



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: 4.38 ng

RT: 10.12 min Scan# 782

Delta R.T. -0.01 min

Lab File: BF079940.D

Acq: 12 Jun 2015 17:38

Instrument :

BNA_F

ClientSampleId :

S8

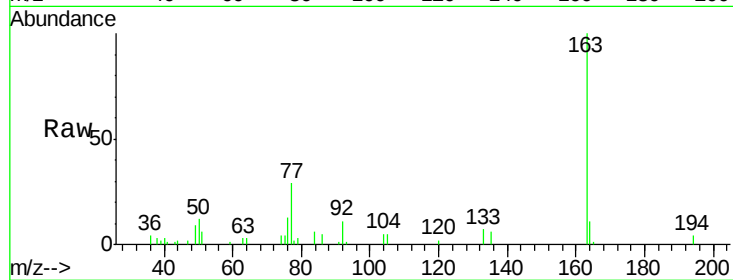
Tgt Ion:163 Resp: 31119

Ion Ratio Lower Upper

163 100

194 3.7 2.6 4.0

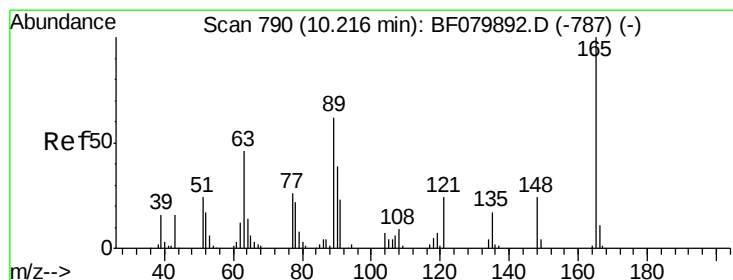
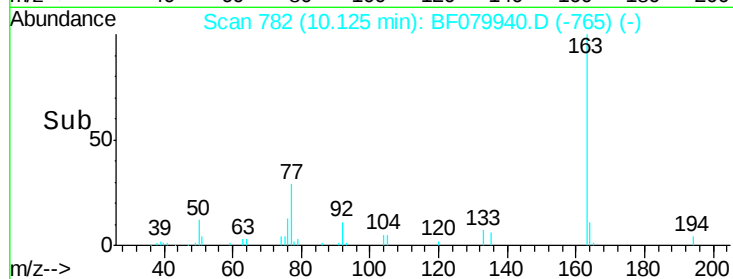
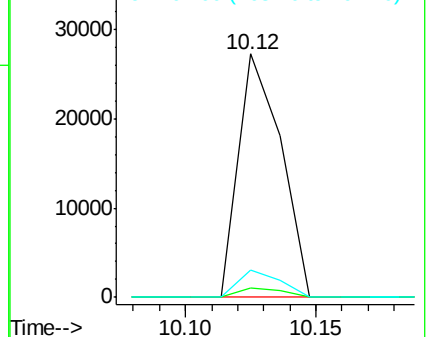
164 11.0 8.6 12.8



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



#50

2,6-Dinitrotoluene

Concen: 3.21 ng

RT: 10.12 min Scan# 782

Delta R.T. -0.08 min

Lab File: BF079940.D

Acq: 12 Jun 2015 17:38

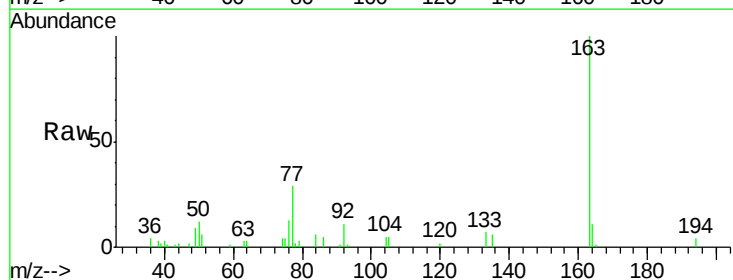
Tgt Ion:165 Resp: 224

Ion Ratio Lower Upper

165 100

63 220.9 46.4 69.6#

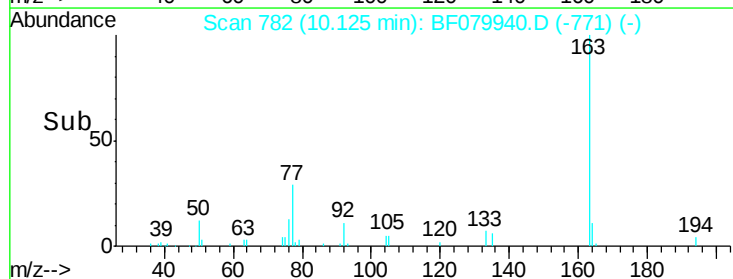
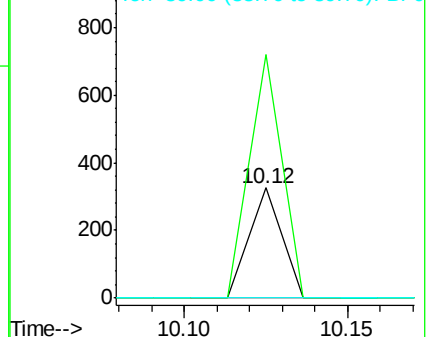
89 0.0 49.6 74.4#

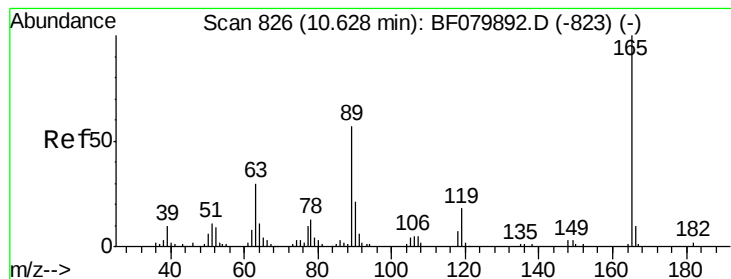


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#56

2,4-Dinitrotoluene

Concen: 10.53 ng

RT: 10.44 min Scan# 810

Delta R.T. -0.16 min

Lab File: BF079940.D

Acq: 12 Jun 2015 17:38

Instrument :

BNA_F

ClientSampleId :

S8

Tgt Ion:165 Resp: 10941

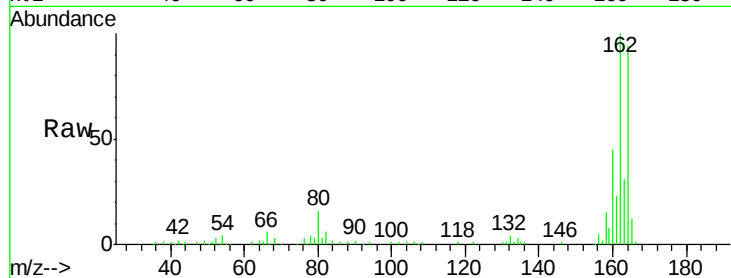
Ion Ratio Lower Upper

165 100

63 0.0 24.3 36.5#

89 0.0 45.4 68.2#

182 0.0 1.8 2.8#

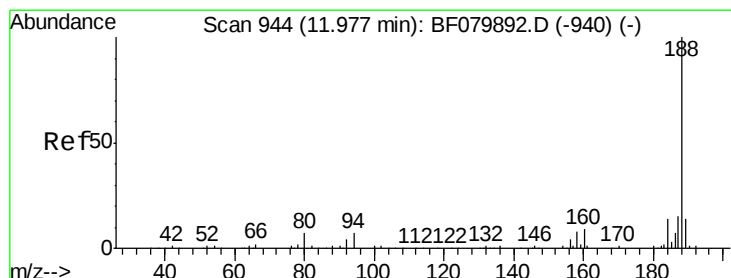
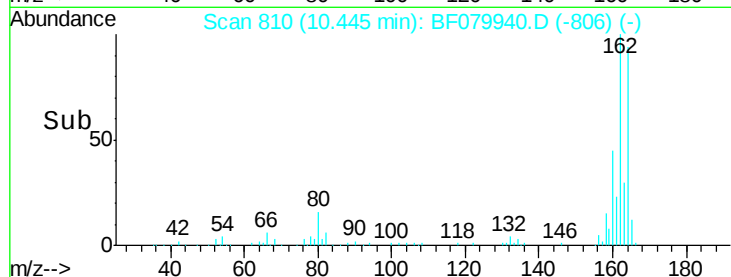
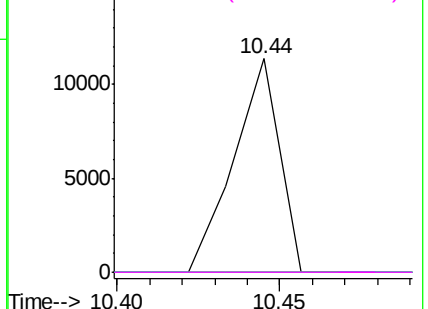


Abundance Ion 165.00 (164.70 to 165.70): E

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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.95 min Scan# 942

Delta R.T. -0.02 min

Lab File: BF079940.D

Acq: 12 Jun 2015 17:38

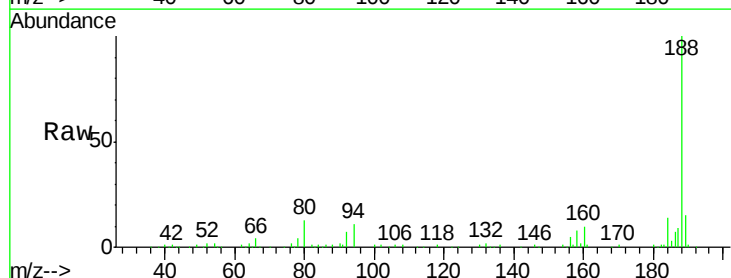
Tgt Ion:188 Resp: 185438

Ion Ratio Lower Upper

188 100

94 11.3 5.8 8.8#

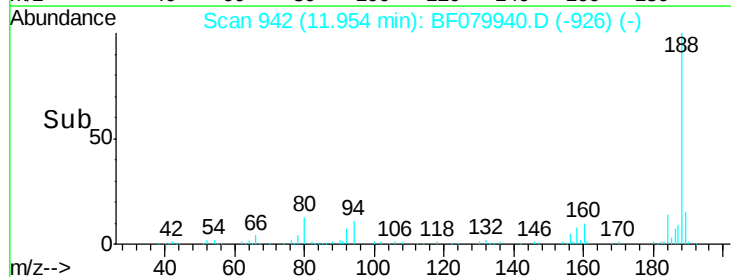
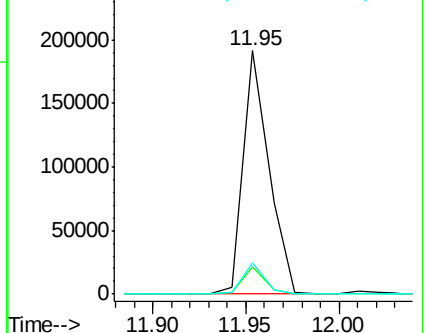
80 13.0 5.9 8.9#

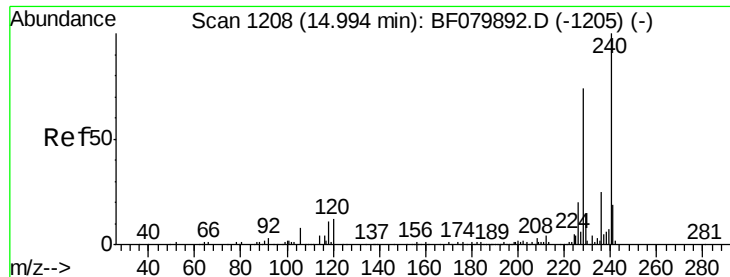


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.02 min Scan# 1210

Delta R.T. -0.13 min

Lab File: BF079940.D

Acq: 12 Jun 2015 17:38

Instrument :

BNA_F

ClientSampleId :

S8

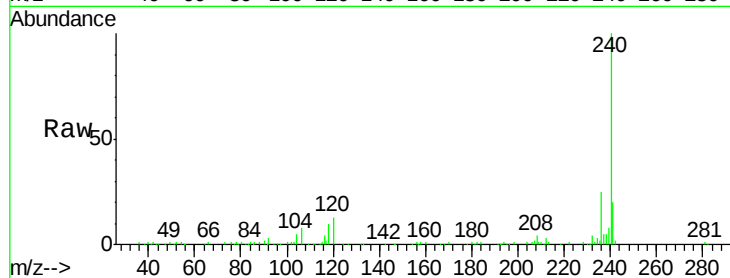
Tgt Ion:240 Resp: 205255

Ion Ratio Lower Upper

240 100

120 12.7 9.4 14.2

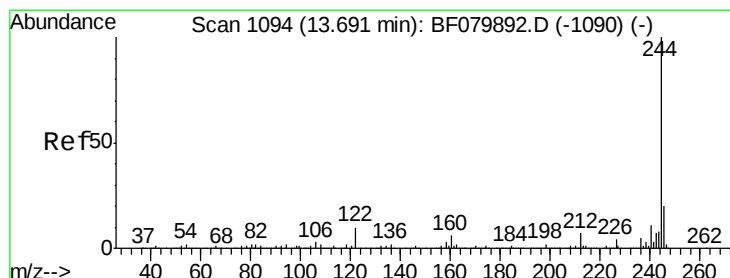
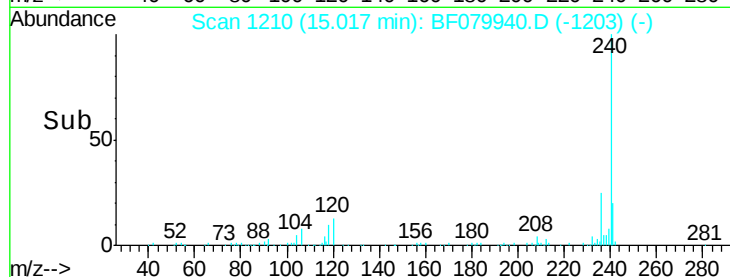
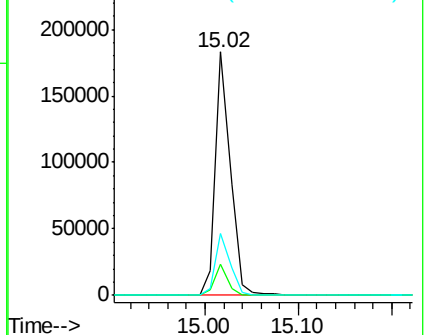
236 25.4 19.6 29.4



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



#78

Terphenyl-d14

Concen: 68.52 ng

RT: 13.69 min Scan# 1094

Delta R.T. -0.08 min

Lab File: BF079940.D

Acq: 12 Jun 2015 17:38

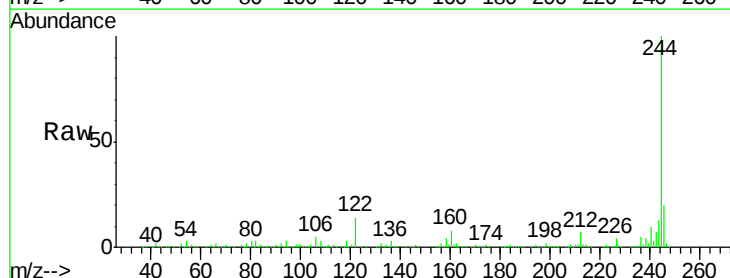
Tgt Ion:244 Resp: 610016

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.2

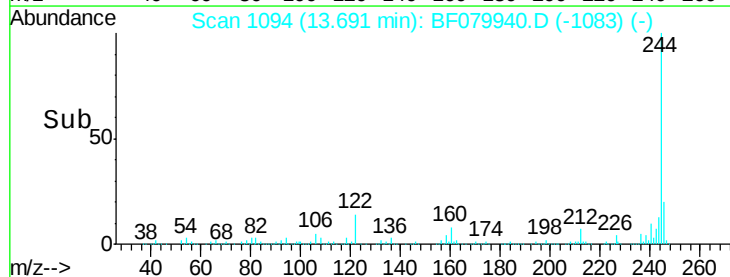
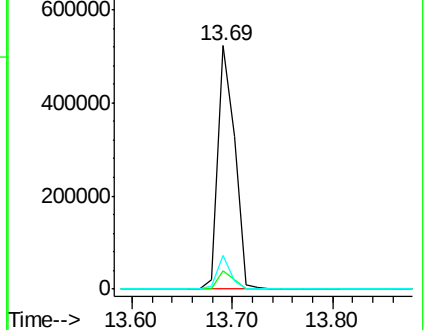
122 13.8 7.8 11.8#

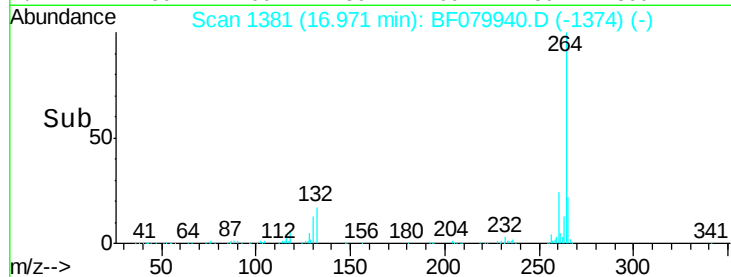
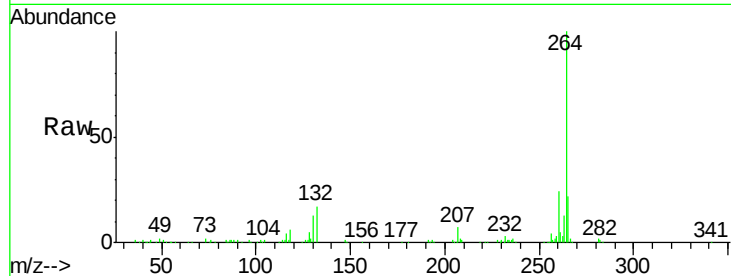
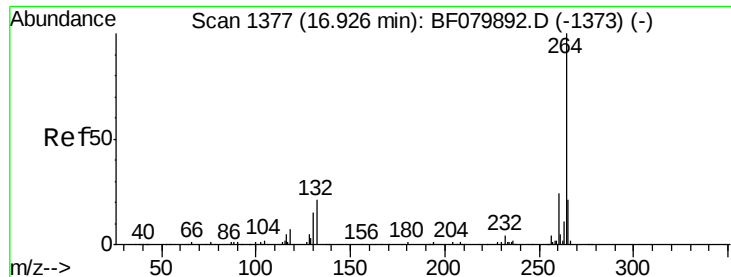


Abundance Ion 244.00 (243.70 to 244.70): E

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: 16.97 min Scan# 1381
Delta R.T. -0.13 min
Lab File: BF079940.D
Acq: 12 Jun 2015 17:38

Instrument :
BNA_F
ClientSampleId :
S8

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.3	28.9
265	21.8	17.0	25.6

