

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060915\
 Data File : BF079842.D
 Acq On : 9 Jun 2015 20:12
 Operator : TP/IZ
 Sample : G2533-08
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRW-1

Quant Time: Jun 10 01:35:45 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 09 15:11:40 2015
 Response via : Initial Calibration

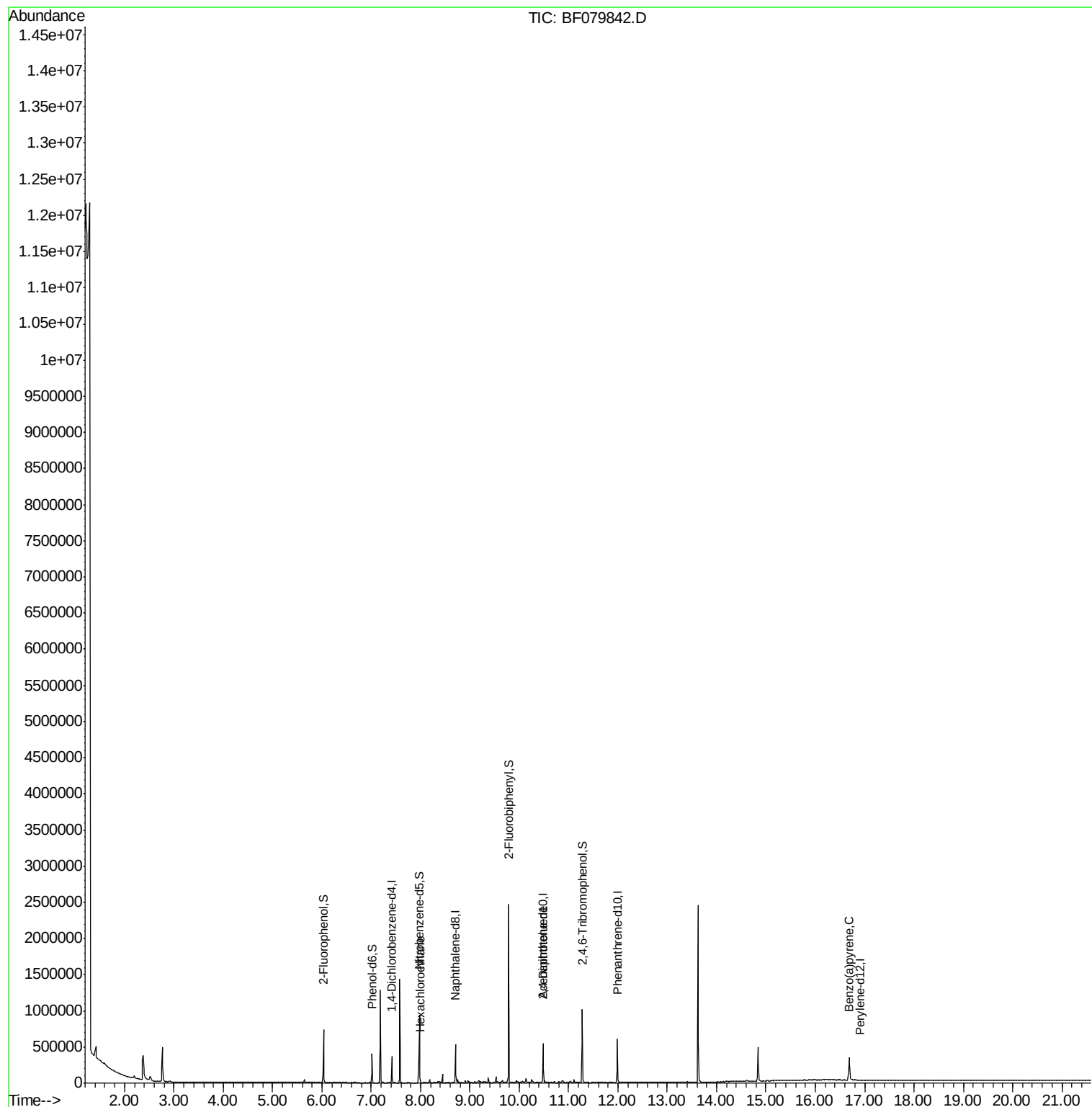
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	52065	20.00	ng	0.00
21) Naphthalene-d8	8.71	136	208943	20.00	ng	0.00
38) Acenaphthene-d10	10.48	164	106760	20.00	ng	0.00
63) Phenanthrene-d10	11.99	188	220598	20.00	ng	-0.01
75) Chrysene-d12	0.00	240	0	0.00	ng	-15.06
86) Perylene-d12	16.90	264	209	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	6.03	112	172818	54.70	ng	0.00
7) Phenol-d6	7.02	99	135506	33.15	ng	0.00
23) Nitrobenzene-d5	7.98	82	304745	84.26	ng	0.00
41) 2,4,6-Tribromophenol	11.28	330	135686	146.86	ng	0.00
44) 2-Fluorobiphenyl	9.78	172	696174	91.71	ng	0.00
78) Terphenyl-d14	13.62	244	792476	0.00	ng	-0.11
Target Compounds						
18) Hexachloroethane	7.99	117	21177	14.74	ng	# 10
56) 2,4-Dinitrotoluene	10.48	165	13659	12.40	ng	# 37
89) Benzo(a)pyrene	16.69	252	657	55.89	ng	# 59

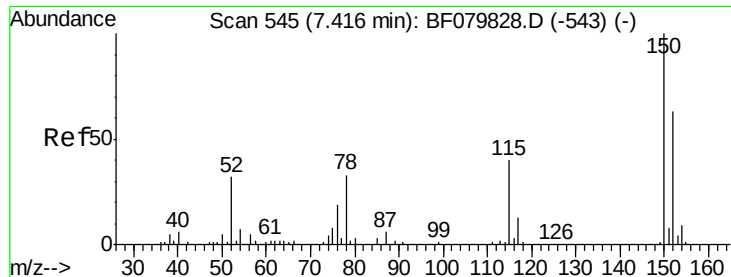
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.42 min Scan# 545

Delta R.T. 0.00 min

Lab File: BF079842.D

Acq: 9 Jun 2015 20:12

Instrument :

BNA_F

ClientSampleId :

DRW-1

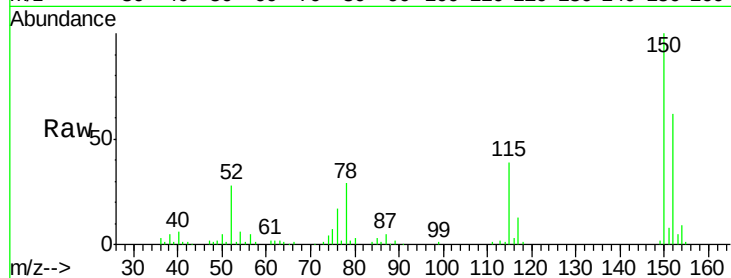
Tgt Ion:152 Resp: 52065

Ion Ratio Lower Upper

152 100

150 162.4 131.4 197.2

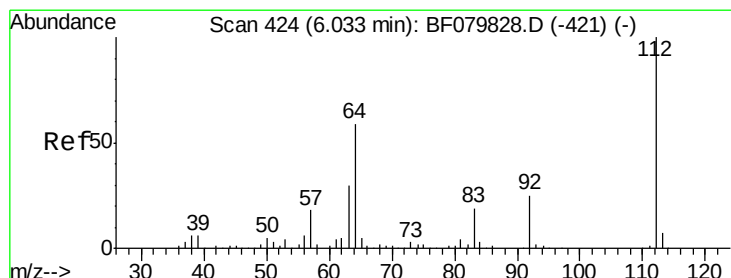
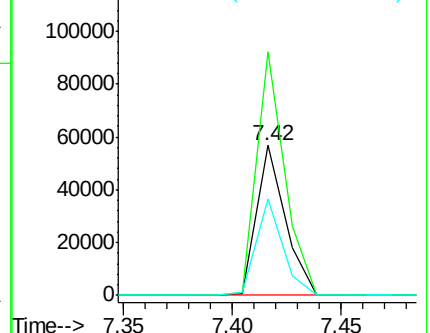
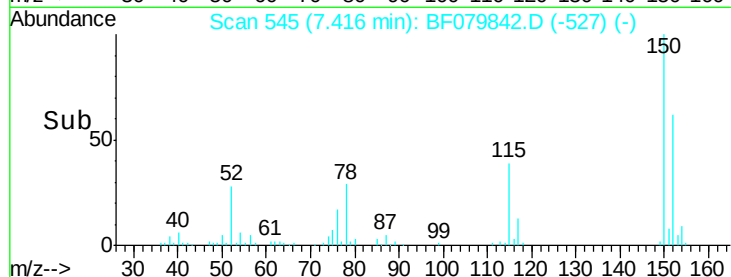
115 64.1 56.5 84.7



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: 54.70 ng

RT: 6.03 min Scan# 424

Delta R.T. 0.00 min

Lab File: BF079842.D

Acq: 9 Jun 2015 20:12

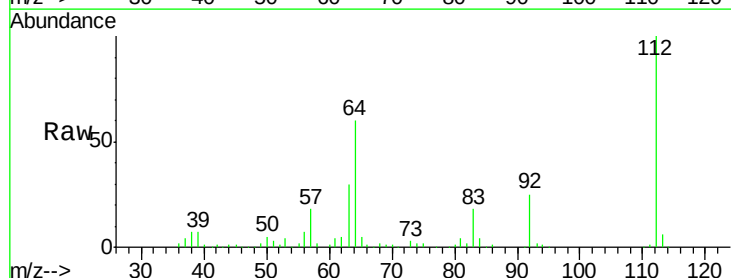
Tgt Ion:112 Resp: 172818

Ion Ratio Lower Upper

112 100

64 59.7 44.2 66.4

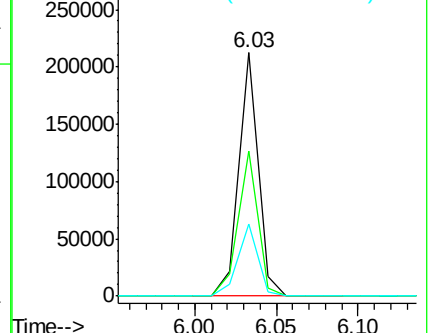
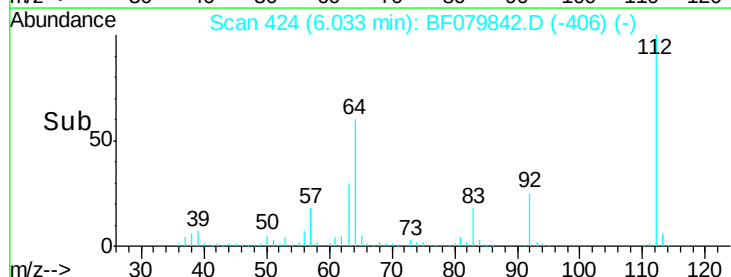
63 29.6 22.8 34.2

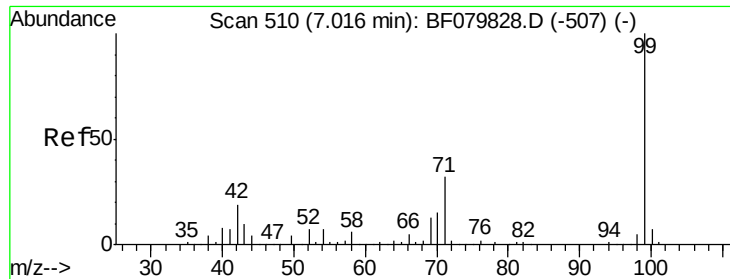


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 33.15 ng

RT: 7.02 min Scan# 510

Delta R.T. 0.00 min

Lab File: BF079842.D

Acq: 9 Jun 2015 20:12

Instrument :

BNA_F

ClientSampleId :

DRW-1

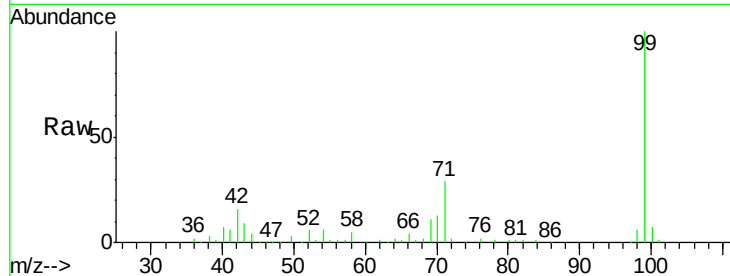
Tgt Ion: 99 Resp: 135506

Ion Ratio Lower Upper

99 100

42 15.8 13.7 20.5

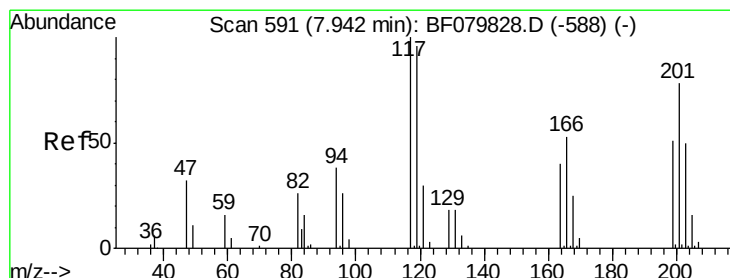
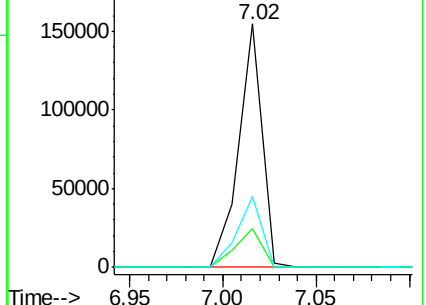
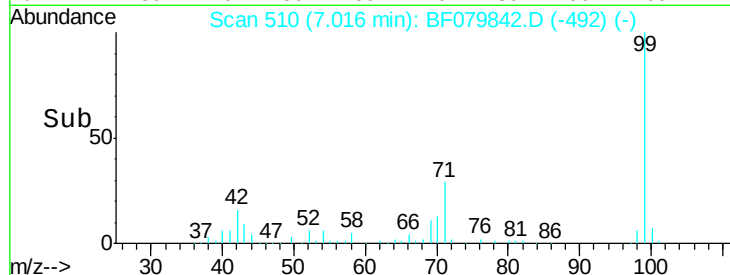
71 29.0 25.1 37.7



Abundance Ion 99.00 (98.70 to 99.70): BF079842.D (-492) (-)

Ion 42.00 (41.70 to 42.70): BF079842.D (-492) (-)

Ion 71.00 (70.70 to 71.70): BF079842.D (-492) (-)



#18

Hexachloroethane

Concen: 14.74 ng

RT: 7.99 min Scan# 595

Delta R.T. 0.05 min

Lab File: BF079842.D

Acq: 9 Jun 2015 20:12

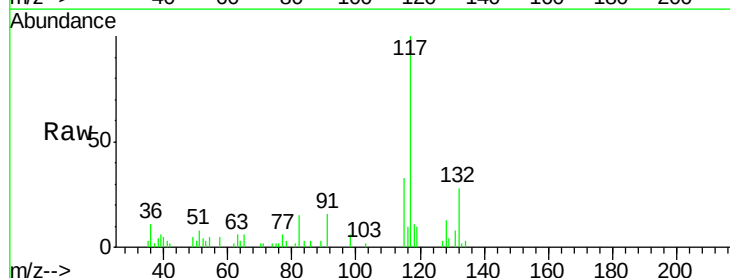
Tgt Ion: 117 Resp: 21177

Ion Ratio Lower Upper

117 100

119 9.6 76.6 114.8#

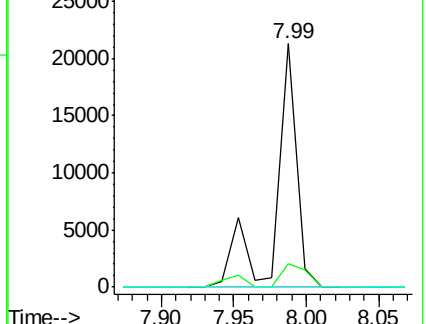
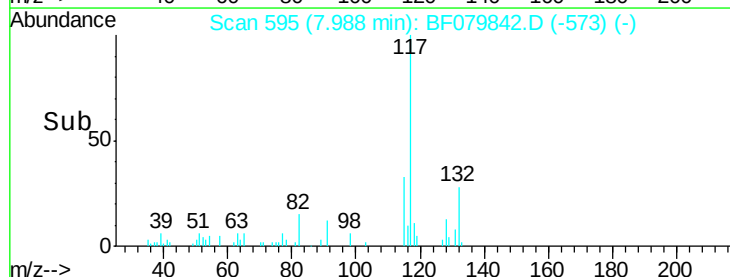
201 0.0 66.3 99.5#

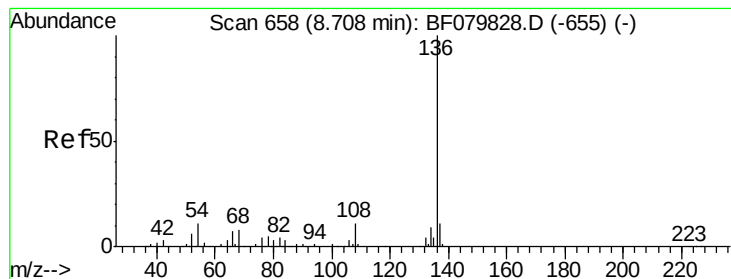


Abundance Ion 117.00 (116.70 to 117.70): BF079842.D (-573) (-)

Ion 119.00 (118.70 to 119.70): BF079842.D (-573) (-)

Ion 201.00 (200.70 to 201.70): BF079842.D (-573) (-)





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.71 min Scan# 658

Delta R.T. 0.00 min

Lab File: BF079842.D

Acq: 9 Jun 2015 20:12

Instrument :

BNA_F

ClientSampleId :

DRW-1

Tgt Ion: 136 Resp: 208943

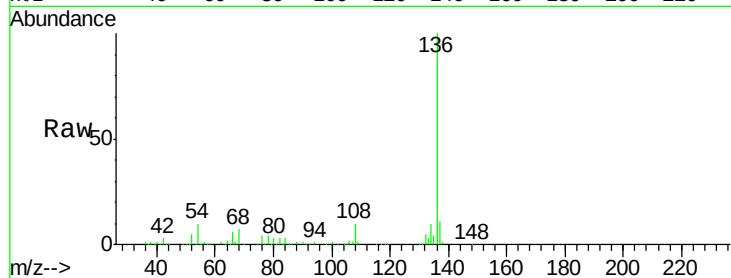
Ion Ratio Lower Upper

136 100

137 11.0 9.3 13.9

54 9.7 8.1 12.1

68 7.0 4.8 7.2

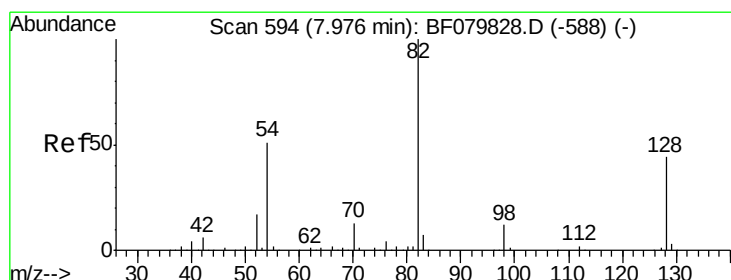
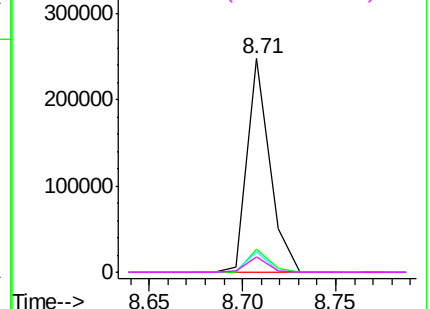
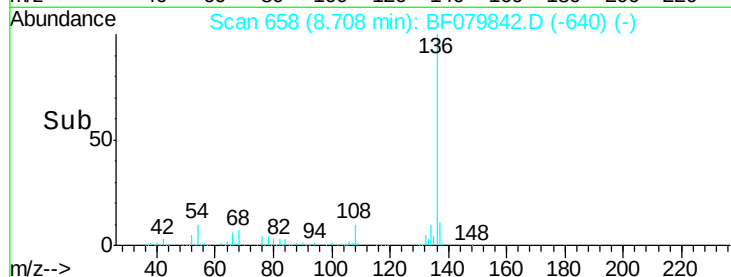


Abundance Ion 136.00 (135.70 to 136.70): E

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: 84.26 ng

RT: 7.98 min Scan# 594

Delta R.T. 0.00 min

Lab File: BF079842.D

Acq: 9 Jun 2015 20:12

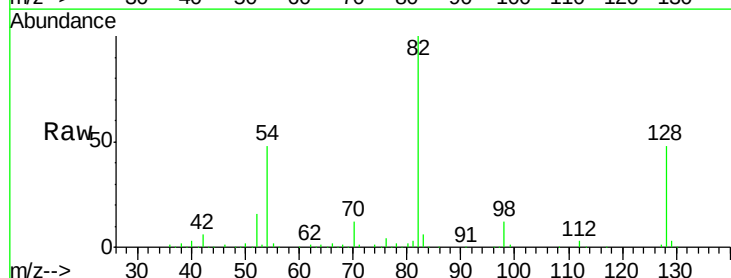
Tgt Ion: 82 Resp: 304745

Ion Ratio Lower Upper

82 100

128 48.0 35.2 52.8

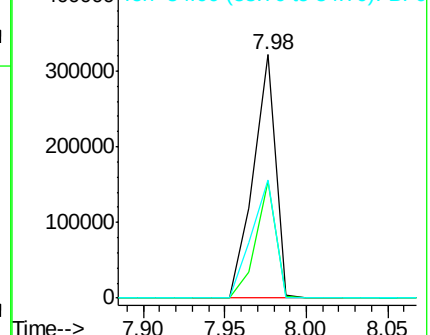
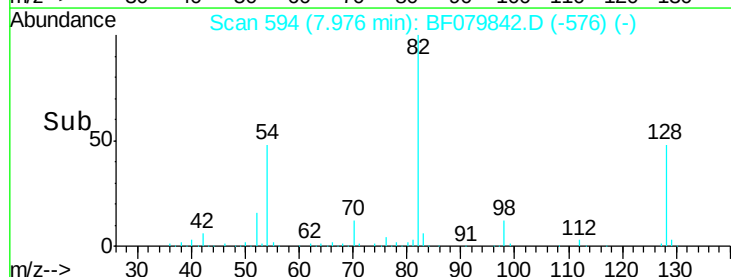
54 48.3 39.2 58.8

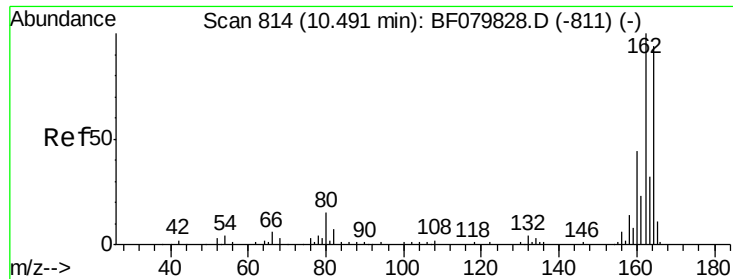


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

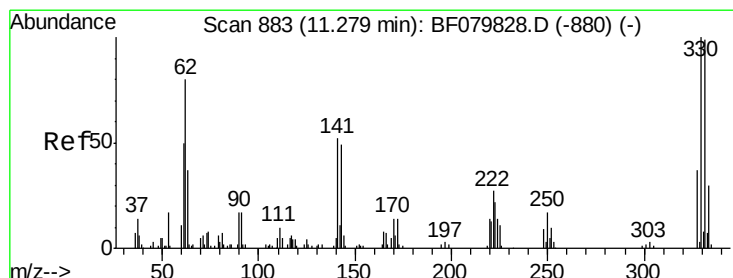
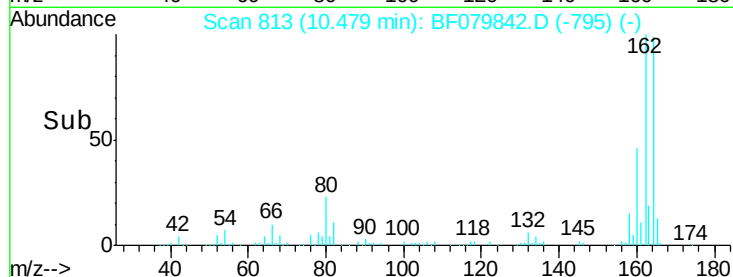
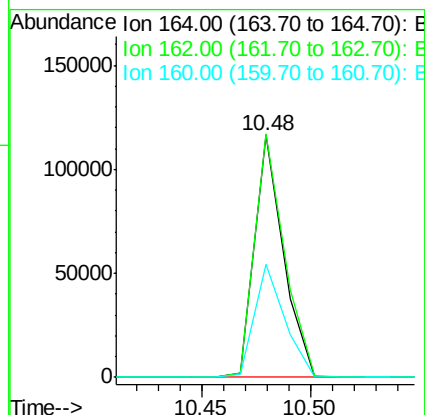
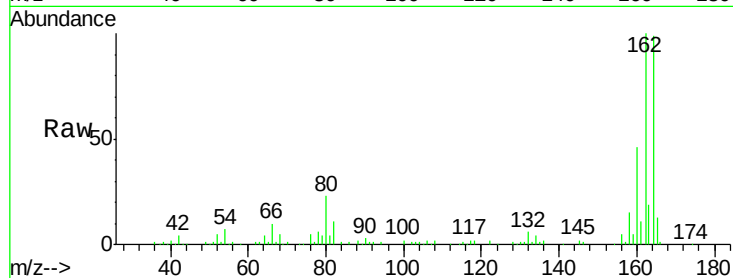




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.48 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF079842.D
Acq: 9 Jun 2015 20:12

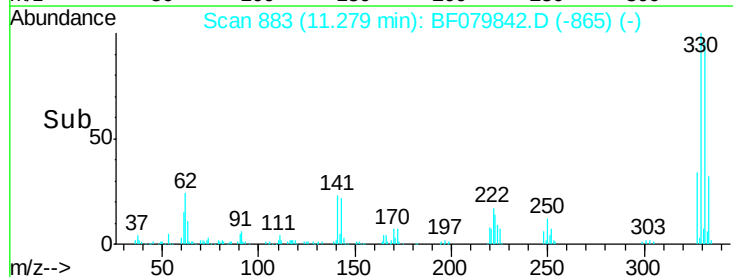
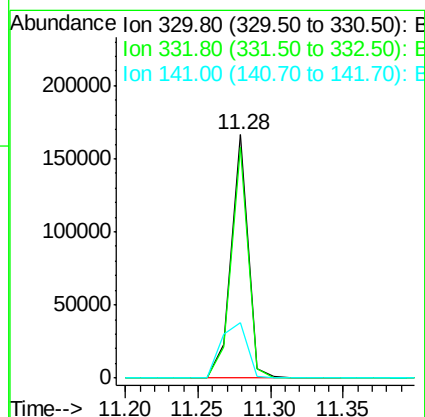
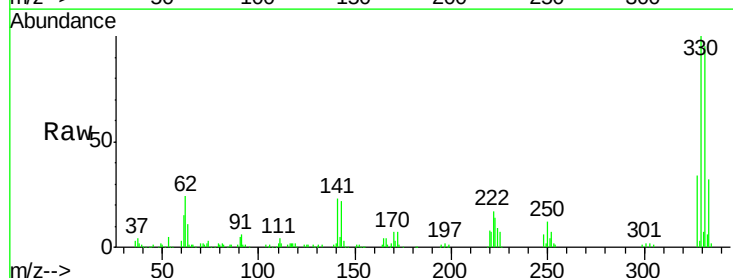
Instrument :
BNA_F
ClientSampleId :
DRW-1

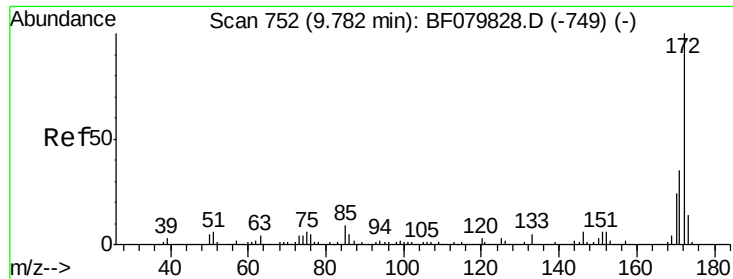
Tgt Ion:164 Resp: 106760
Ion Ratio Lower Upper
164 100
162 100.7 89.8 134.8
160 46.6 39.6 59.4



#41
2,4,6-Tribromophenol
Concen: 146.86 ng
RT: 11.28 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF079842.D
Acq: 9 Jun 2015 20:12

Tgt Ion:330 Resp: 135686
Ion Ratio Lower Upper
330 100
332 94.8 76.8 115.2
141 35.1 29.1 43.7

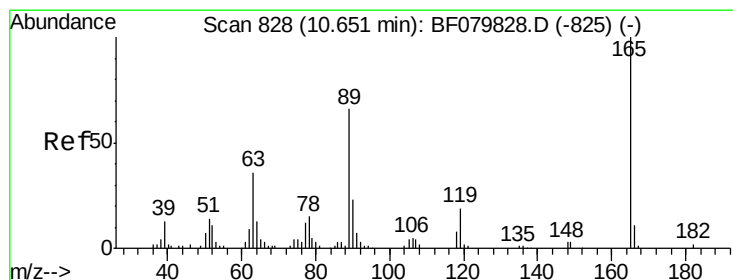
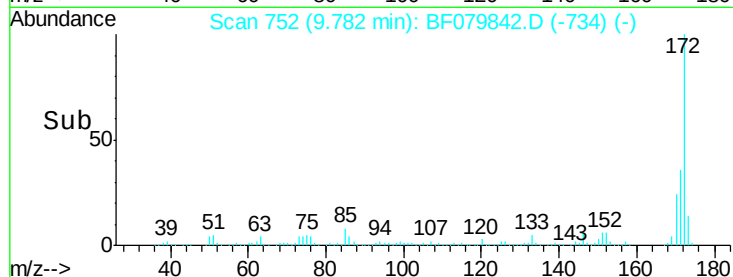
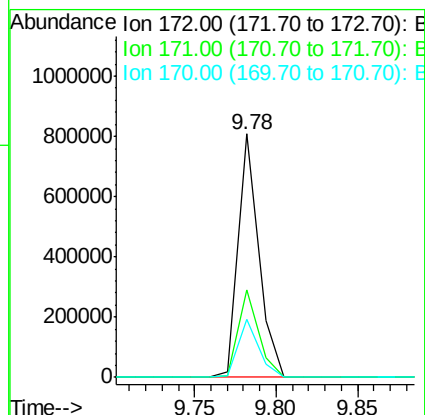
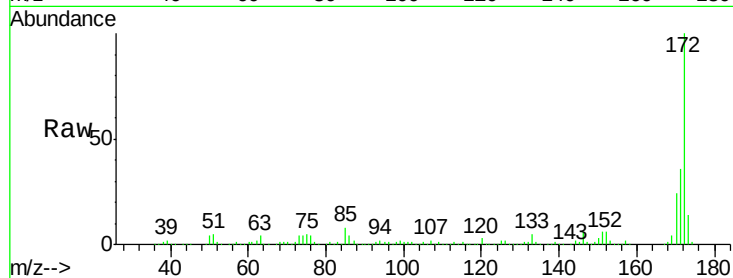




#44
 2-Fluorobiphenyl
 Concen: 91.71 ng
 RT: 9.78 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF079842.D
 Acq: 9 Jun 2015 20:12

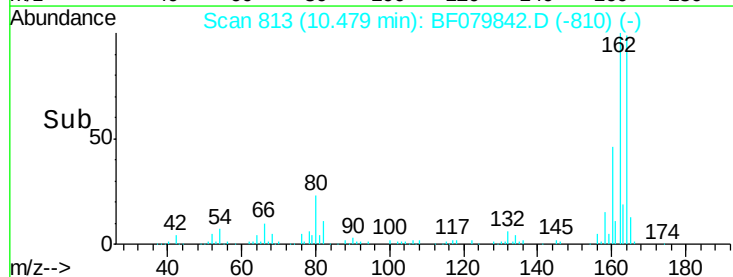
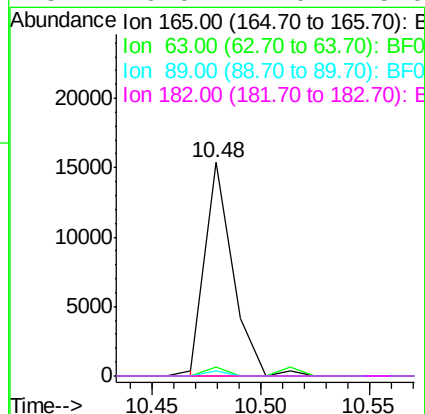
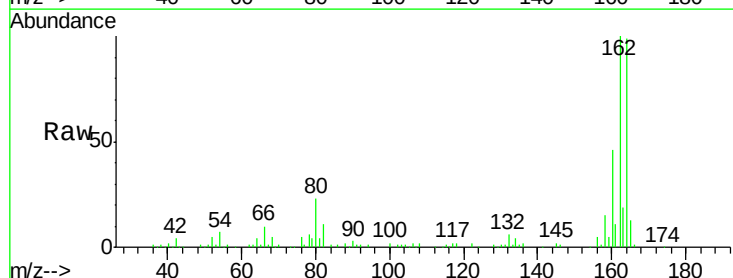
Instrument :
 BNA_F
 ClientSampled :
 DRW-1

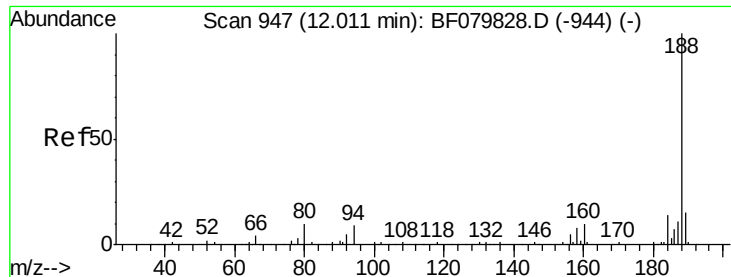
Tgt Ion:172 Resp: 696174
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.5 42.7
 170 24.0 18.8 28.2



#56
 2,4-Dinitrotoluene
 Concen: 12.40 ng
 RT: 10.48 min Scan# 813
 Delta R.T. -0.17 min
 Lab File: BF079842.D
 Acq: 9 Jun 2015 20:12

Tgt Ion:165 Resp: 13659
 Ion Ratio Lower Upper
 165 100
 63 4.3 24.4 36.6#
 89 2.6 45.3 67.9#
 182 0.0 2.0 3.0#

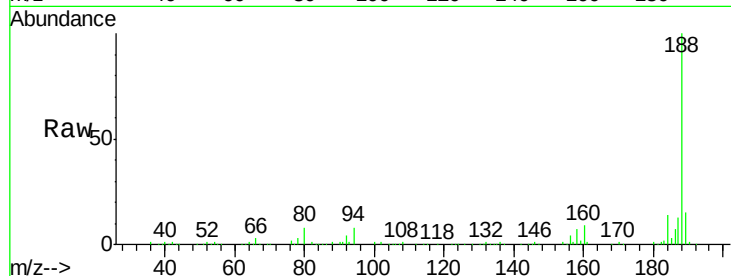




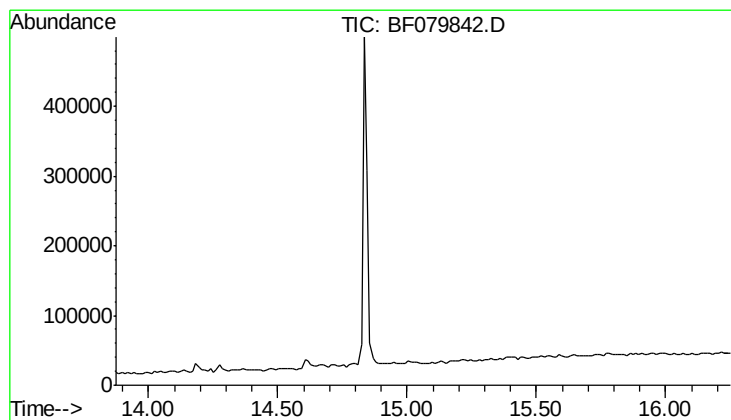
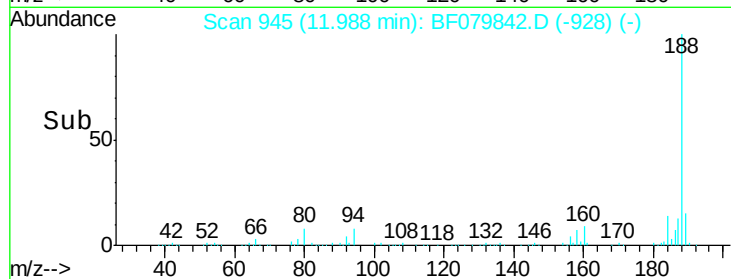
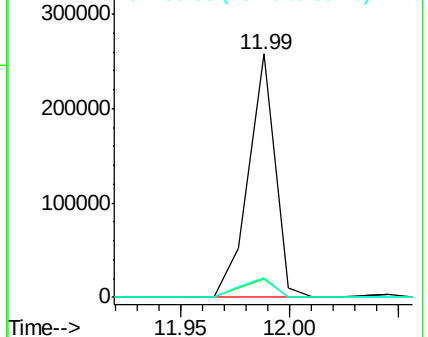
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.99 min Scan# 945
 Delta R.T. -0.01 min
 Lab File: BF079842.D
 Acq: 9 Jun 2015 20:12

Instrument :
 BNA_F
 ClientSampleId :
 DRW-1

Tgt Ion: 188 Resp: 220598
 Ion Ratio Lower Upper
 188 100
 94 7.6 7.4 11.0
 80 8.1 8.0 12.0

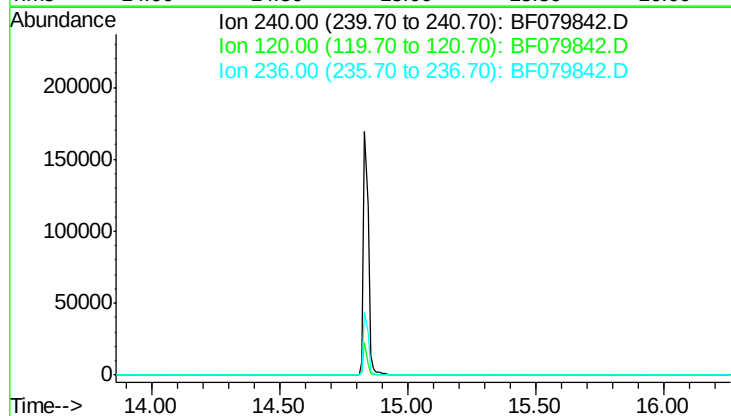


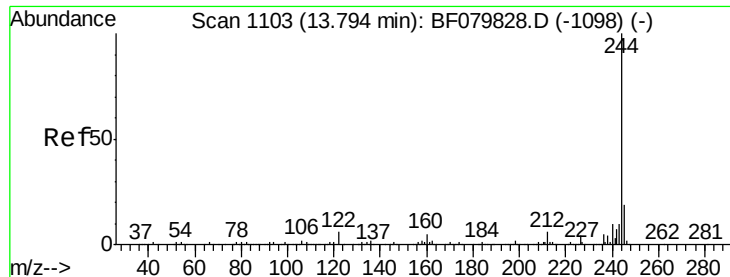
Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0



#75
 Chrysene-d12
 Concen: 0.00 ng
 Expected RT: 15.06 min
 Lab File: BF079842.D
 Acq: 9 Jun 2015 20:12

Tgt Ion: 240
 Sig Exp Ratio
 240 100
 120 8.2
 236 25.3





#78

Terphenyl-d14

Concen: 0.00 ng

RT: 13.62 min Scan# 1088

Delta R.T. -0.11 min

Lab File: BF079842.D

Acq: 9 Jun 2015 20:12

Instrument :

BNA_F

ClientSampleId :

DRW-1

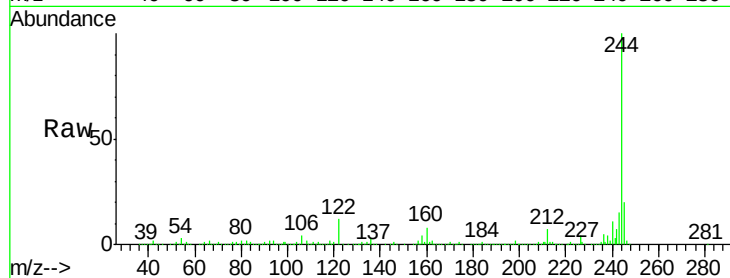
Tgt Ion:244 Resp: 792476

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

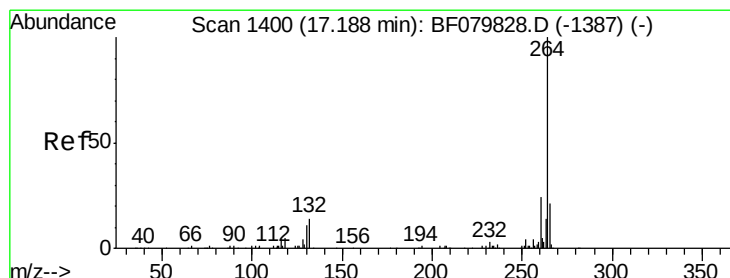
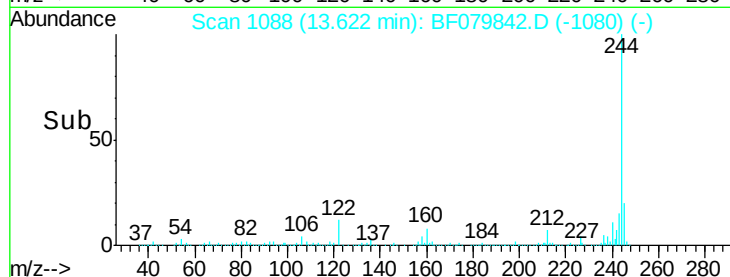
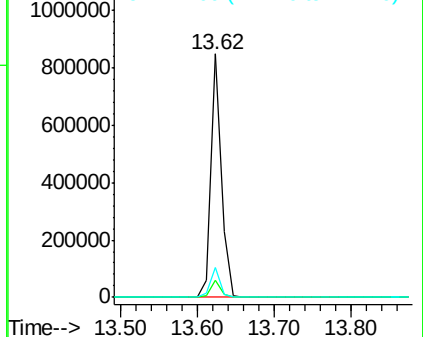
122 12.1 8.2 12.2



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: 16.90 min Scan# 1375

Delta R.T. -0.11 min

Lab File: BF079842.D

Acq: 9 Jun 2015 20:12

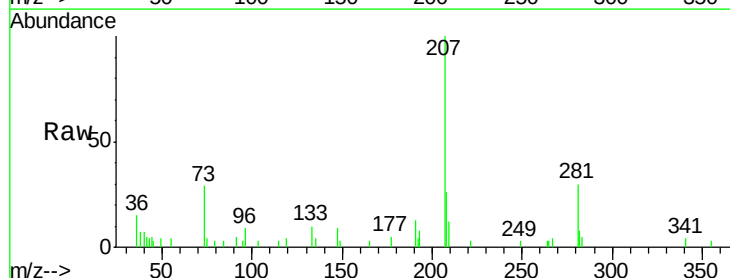
Tgt Ion:264 Resp: 209

Ion Ratio Lower Upper

264 100

260 0.0 19.5 29.3#

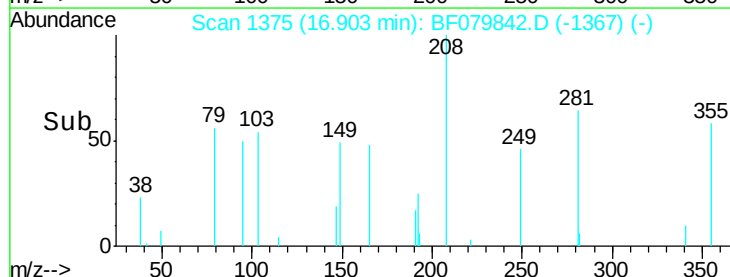
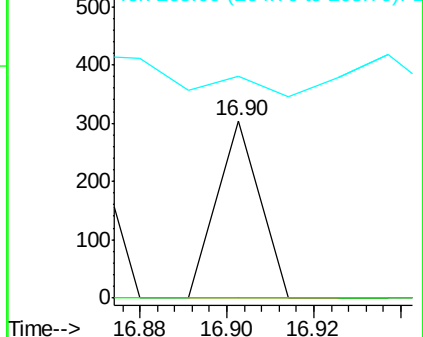
265 125.3 18.0 27.0#

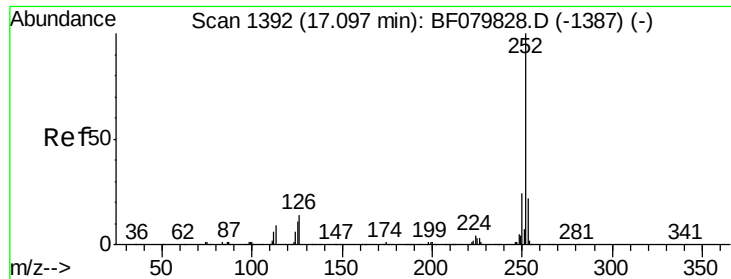


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#89

Benzo(a)pyrene

Concen: 55.89 ng

RT: 16.69 min Scan# 1356

Delta R.T. -0.24 min

Lab File: BF079842.D

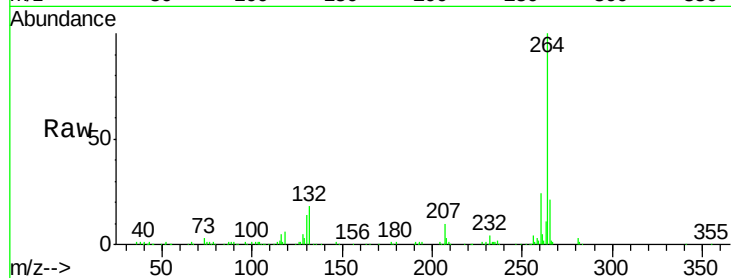
Acq: 9 Jun 2015 20:12

Instrument :

BNA_F

ClientSampleId :

DRW-1



Tgt Ion:	252	Resp:	657
Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.8	26.8#
125	0.0	8.6	13.0#

