

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051515\
 Data File : BF079291.D
 Acq On : 16 May 2015 3:52
 Operator : TP/IZ
 Sample : G2216-01DL2 500X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TW-4DL2

Quant Time: May 16 04:44:13 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 16 04:02:20 2015
 Response via : Initial Calibration

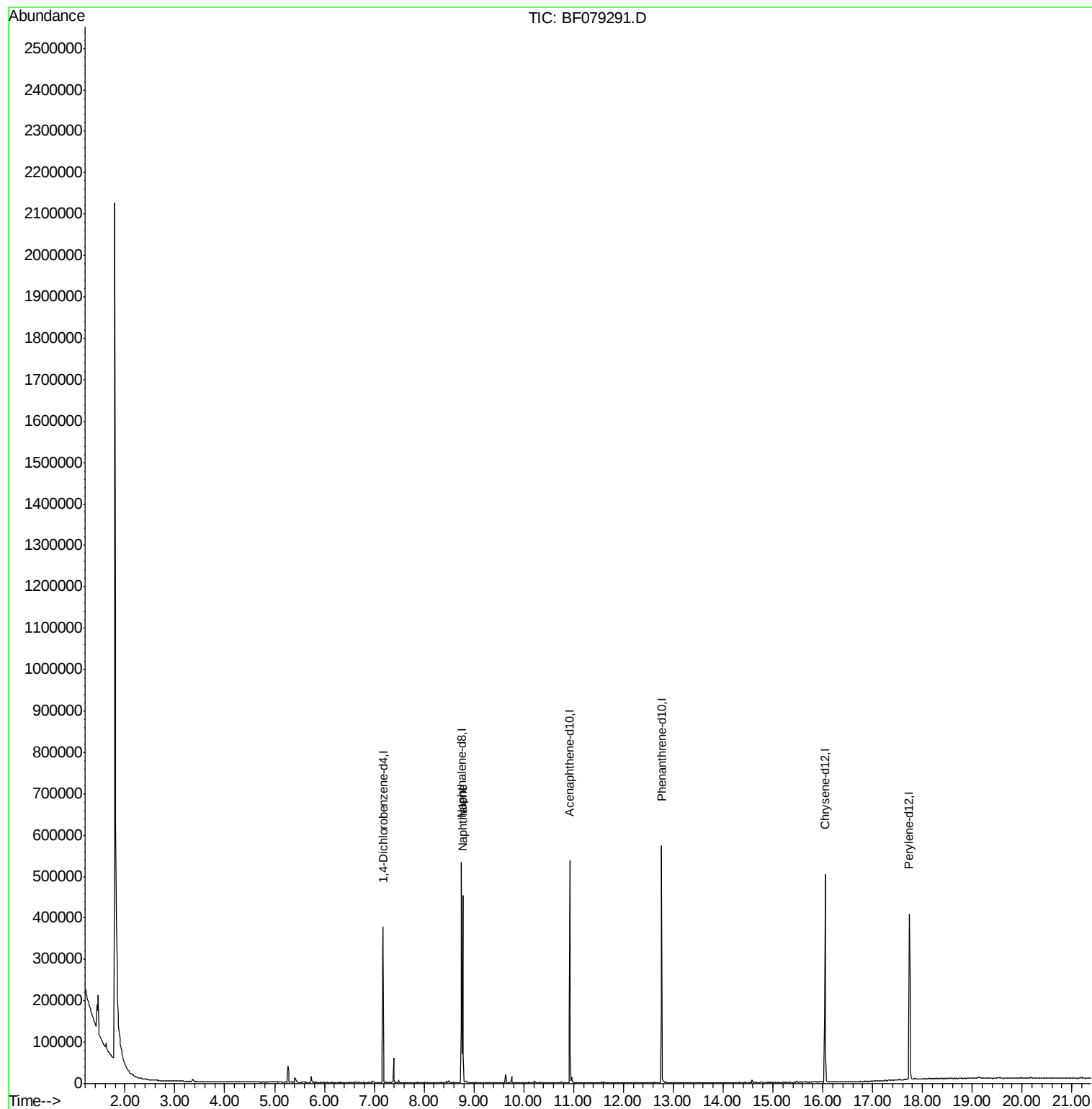
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.18	152	57266	20.00	ng	0.00
21) Naphthalene-d8	8.75	136	243278	20.00	ng	0.00
38) Acenaphthene-d10	10.92	164	115726	20.00	ng	0.00
63) Phenanthrene-d10	12.77	188	229425	20.00	ng	0.00
75) Chrysene-d12	16.05	240	198891	20.00	ng	-0.01
86) Perylene-d12	17.74	264	196658	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	0.00	99	0	0.00	ng	
23) Nitrobenzene-d5	7.87	82	286	0.07	ng	0.00
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	10.10	172	1383	0.17	ng	0.00
78) Terphenyl-d14	14.75	244	1538	0.19	ng	-0.01
Target Compounds						
31) Naphthalene	8.78	128	193448	16.69	ng	Qvalue 98

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

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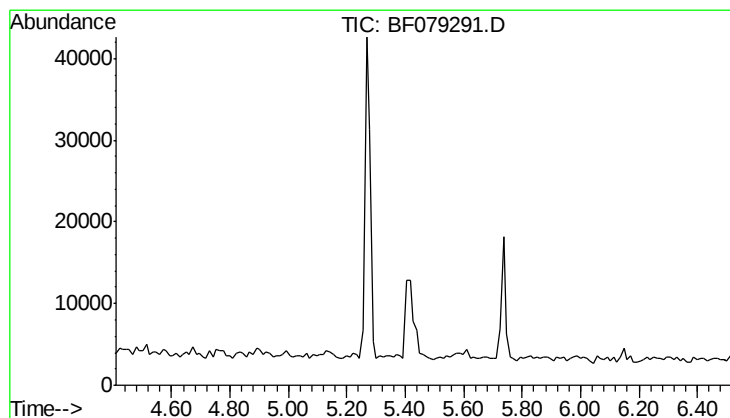
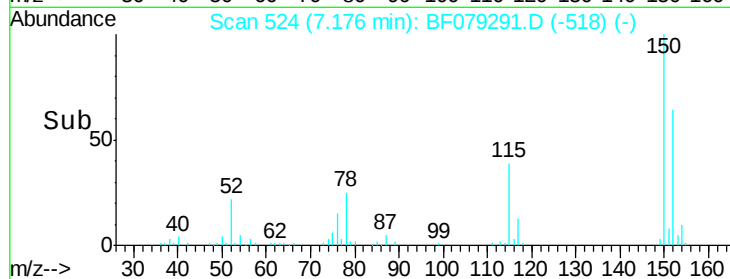
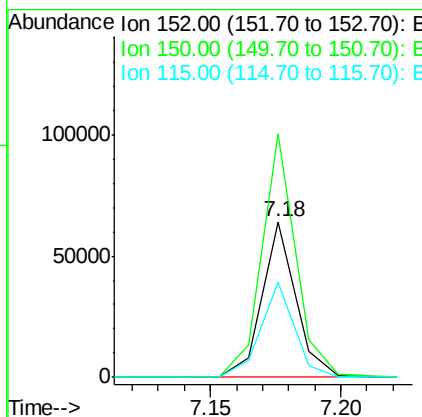
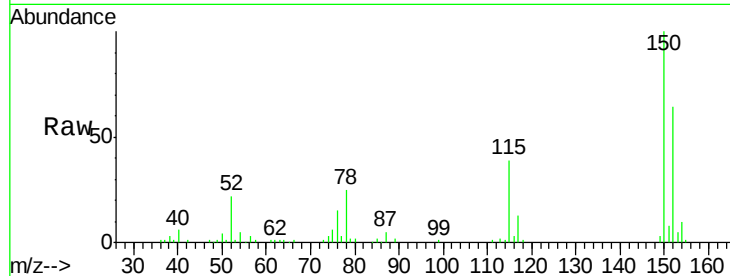




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.18 min Scan# 524
 Delta R.T. 0.00 min
 Lab File: BF079291.D
 Acq: 16 May 2015 3:52

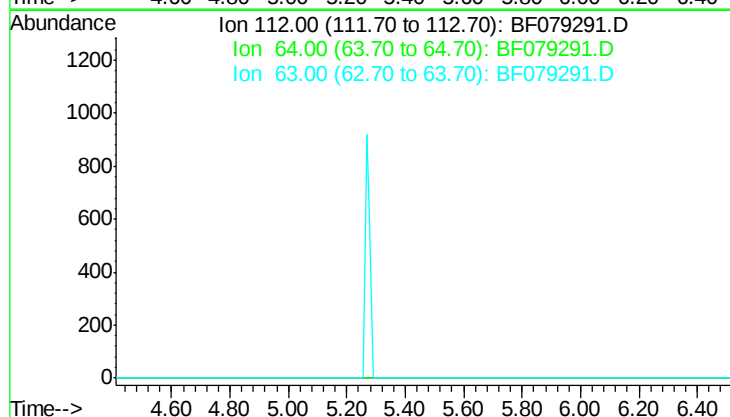
Instrument :
 BNA_F
 ClientSampleId :
 TW-4DL2

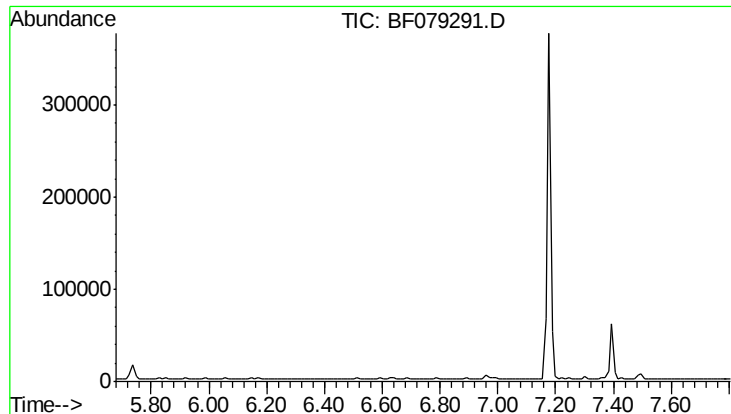
Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.6	123.8	185.8
115	61.2	49.4	74.0



#5
 2-Fluorophenol
 Concen: 0.00 ng
 Expected RT: 5.46 min
 Lab File: BF079291.D
 Acq: 16 May 2015 3:52

Tgt Ion	Sig	Exp Ratio
112	100	
64	55.2	
63	28.4	





#7

Phenol-d6

Concen: 0.00 ng

Expected RT: 6.74 min

Lab File: BF079291.D

Acq: 16 May 2015 3:52

Instrument :

BNA_F

ClientSampleId :

TW-4DL2

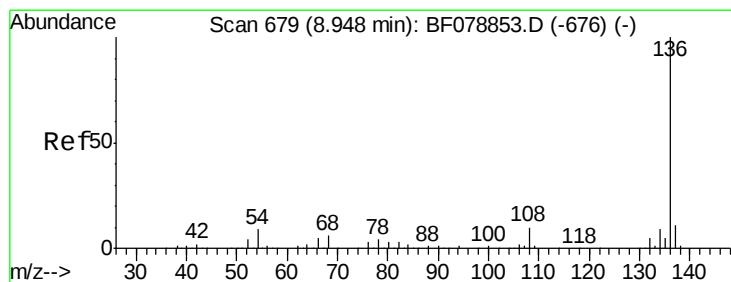
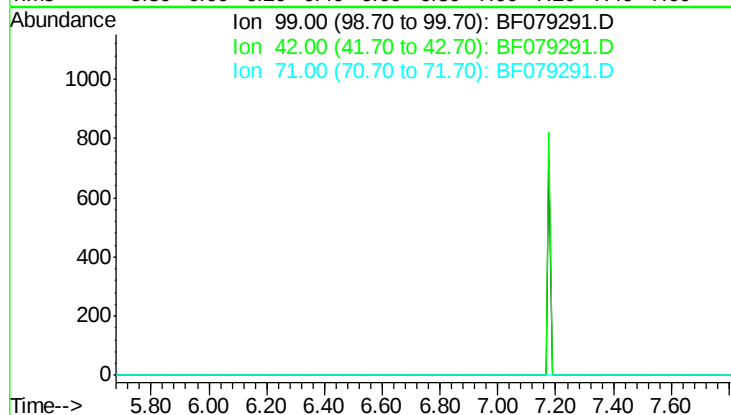
Tgt Ion: 99

Sig Exp Ratio

99 100

42 21.4

71 32.9



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.75 min Scan# 662

Delta R.T. 0.00 min

Lab File: BF079291.D

Acq: 16 May 2015 3:52

Tgt Ion: 136 Resp: 243278

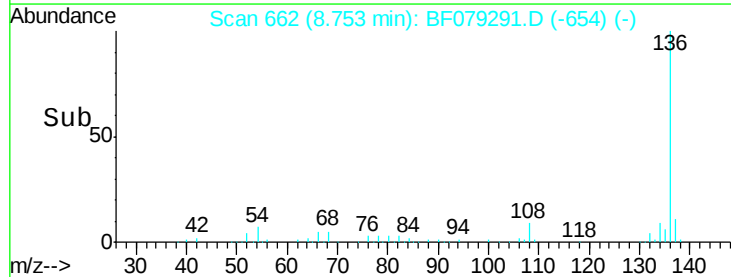
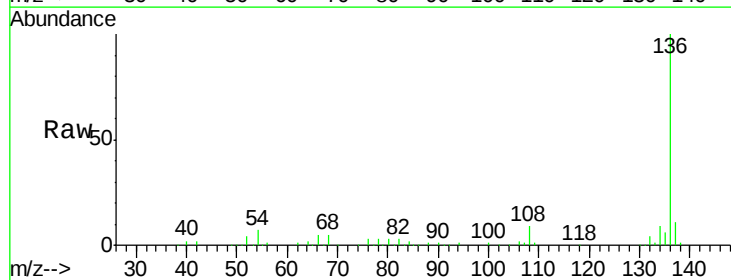
Ion Ratio Lower Upper

136 100

137 10.5 8.8 13.2

54 7.0 6.9 10.3

68 5.3 4.9 7.3

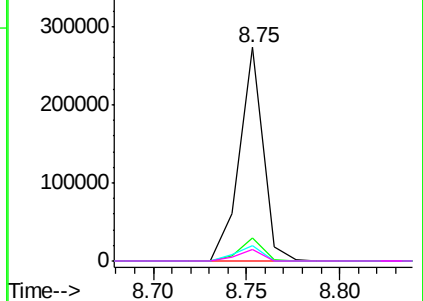


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.07 ng

RT: 7.87 min Scan# 585

Delta R.T. 0.00 min

Lab File: BF079291.D

Acq: 16 May 2015 3:52

Instrument :

BNA_F

ClientSampled :

TW-4DL2

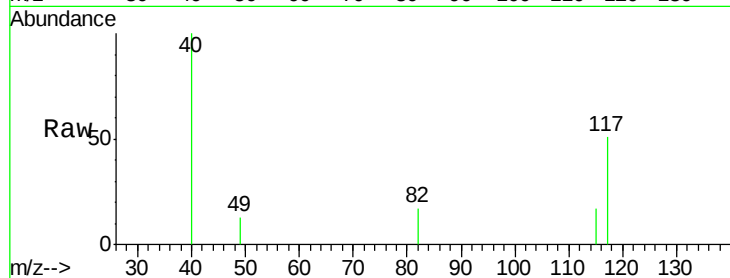
Tgt Ion: 82 Resp: 286

Ion Ratio Lower Upper

82 100

128 0.0 29.7 44.5#

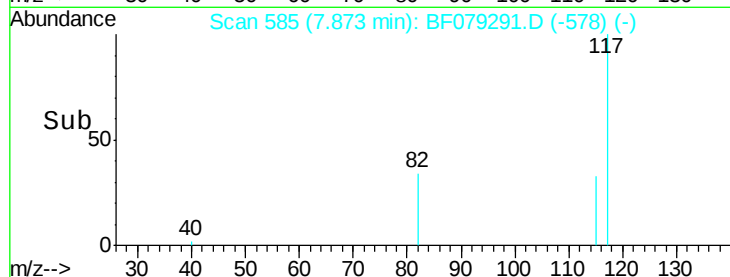
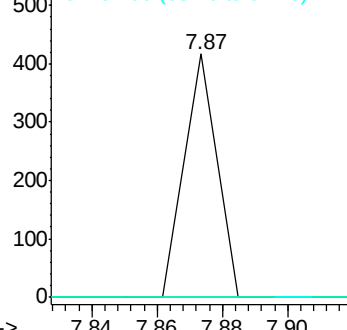
54 0.0 46.2 69.4#



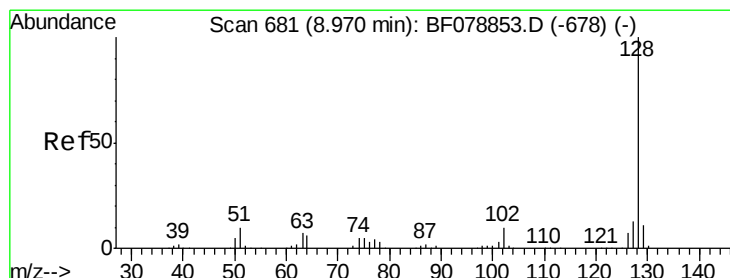
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->



#31

Naphthalene

Concen: 16.69 ng

RT: 8.78 min Scan# 664

Delta R.T. 0.00 min

Lab File: BF079291.D

Acq: 16 May 2015 3:52

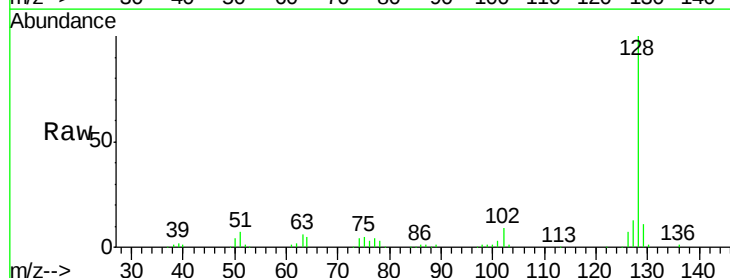
Tgt Ion: 128 Resp: 193448

Ion Ratio Lower Upper

128 100

129 10.6 9.2 13.8

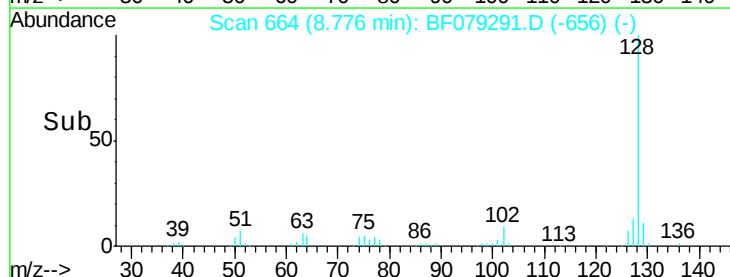
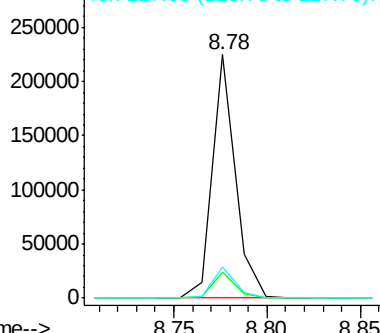
127 12.5 10.3 15.5

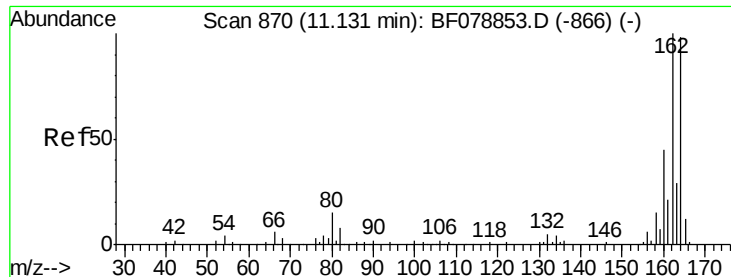


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

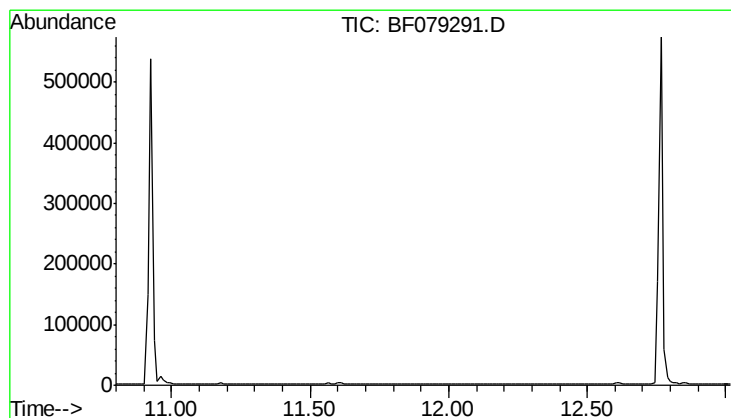
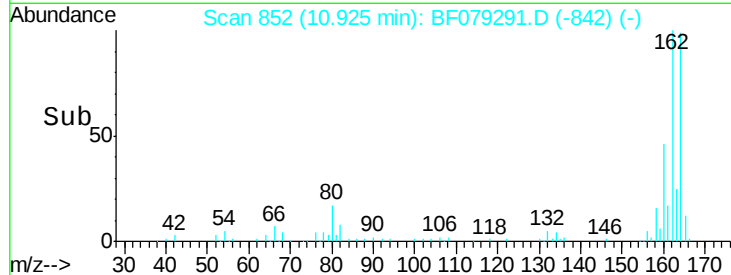
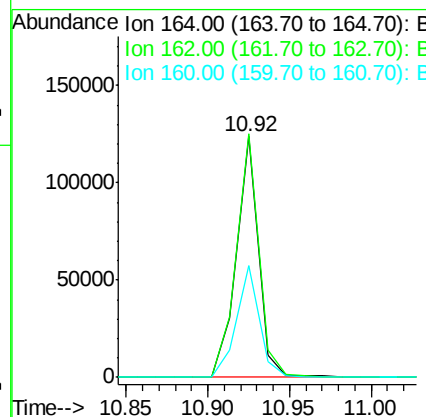
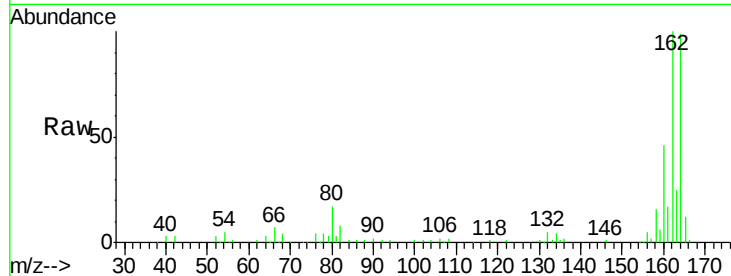




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.92 min Scan# 852
 Delta R.T. 0.00 min
 Lab File: BF079291.D
 Acq: 16 May 2015 3:52

Instrument :
 BNA_F
 ClientSampleId :
 TW-4DL2

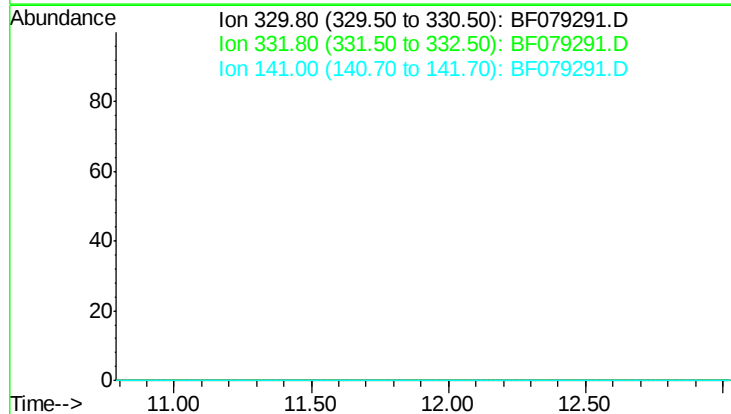
Tgt Ion: 164 Resp: 115726
 Ion Ratio Lower Upper
 164 100
 162 101.2 81.4 122.0
 160 46.3 36.6 54.8



#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 11.91 min

Lab File: BF079291.D
 Acq: 16 May 2015 3:52

Tgt Ion: 330
 Sig Exp Ratio
 330 100
 332 96.1
 141 34.8

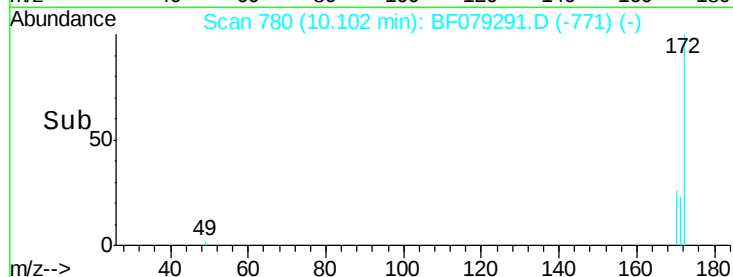
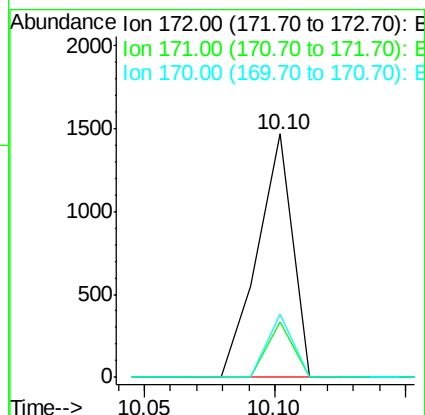
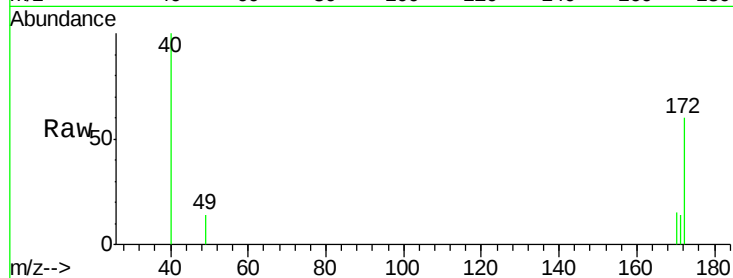




#44
 2-Fluorobiphenyl
 Concen: 0.17 ng
 RT: 10.10 min Scan# 780
 Delta R.T. 0.00 min
 Lab File: BF079291.D
 Acq: 16 May 2015 3:52

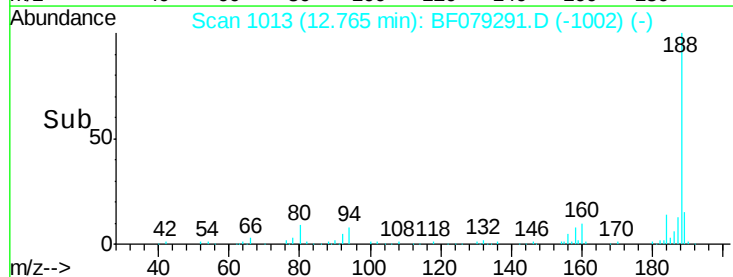
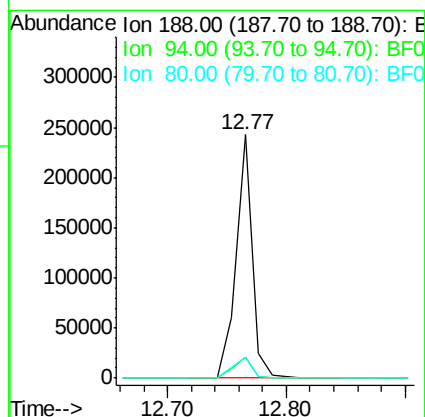
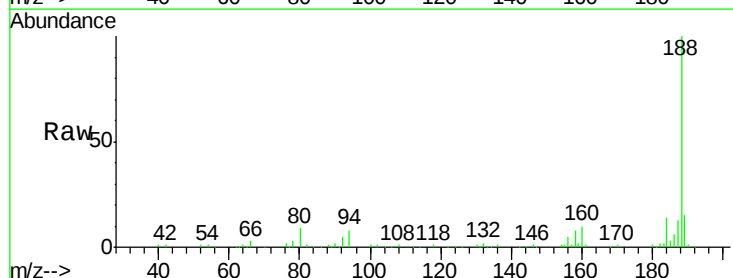
Instrument :
 BNA_F
 ClientSampleId :
 TW-4DL2

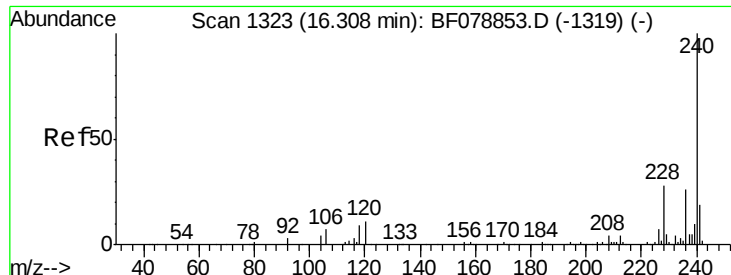
Tgt Ion:172 Resp: 1383
 Ion Ratio Lower Upper
 172 100
 171 23.0 28.3 42.5#
 170 26.0 19.4 29.2



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.77 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: BF079291.D
 Acq: 16 May 2015 3:52

Tgt Ion:188 Resp: 229425
 Ion Ratio Lower Upper
 188 100
 94 8.4 9.4 14.0#
 80 8.6 9.8 14.6#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.05 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF079291.D

Acq: 16 May 2015 3:52

Instrument :

BNA_F

ClientSampleId :

TW-4DL2

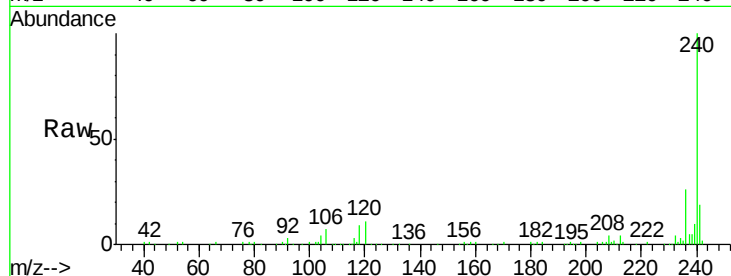
Tgt Ion:240 Resp: 198891

Ion Ratio Lower Upper

240 100

120 11.3 8.6 12.8

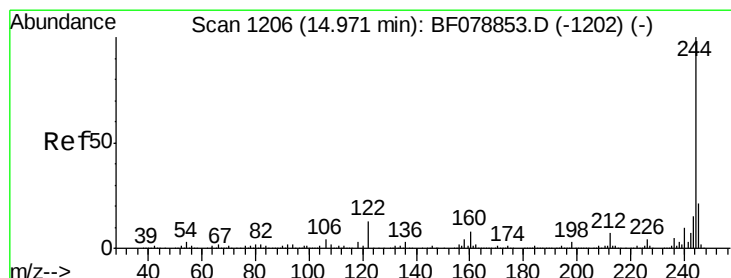
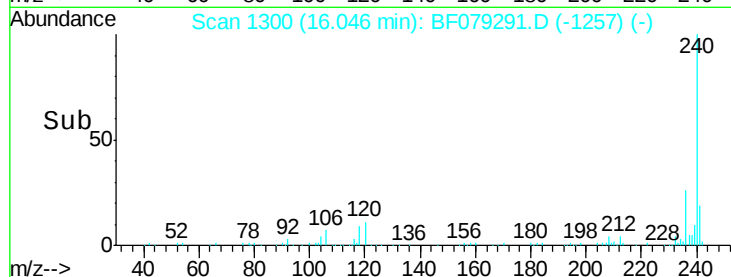
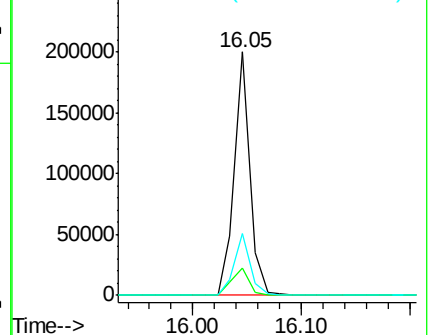
236 25.5 21.0 31.6



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: 0.19 ng

RT: 14.75 min Scan# 1187

Delta R.T. -0.01 min

Lab File: BF079291.D

Acq: 16 May 2015 3:52

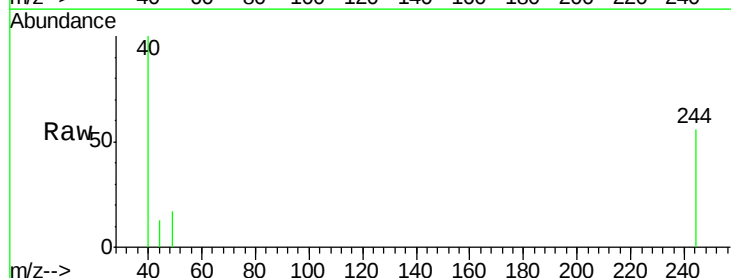
Tgt Ion:244 Resp: 1538

Ion Ratio Lower Upper

244 100

212 0.0 5.6 8.4#

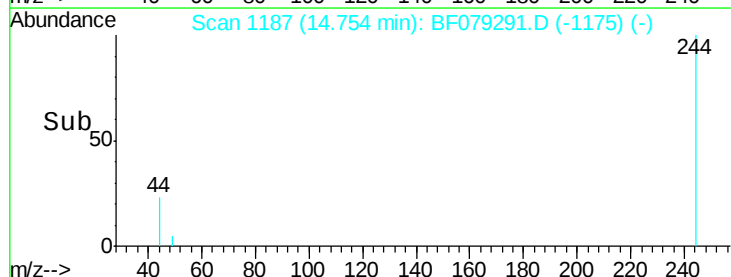
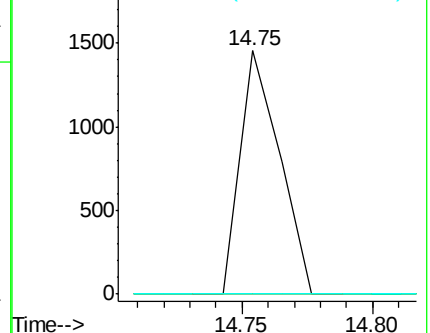
122 0.0 10.5 15.7#

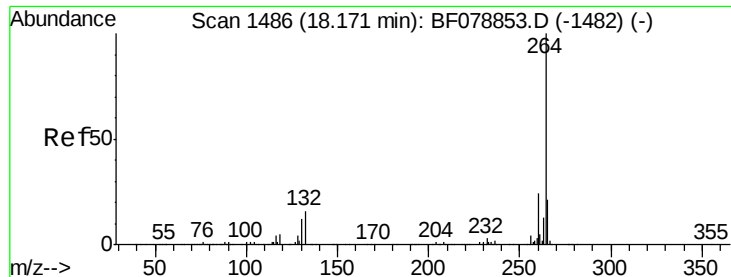


Abundance Ion 244.00 (243.70 to 244.70): E

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: 17.74 min Scan# 1448

Delta R.T. -0.02 min

Lab File: BF079291.D

Acq: 16 May 2015 3:52

Instrument :

BNA_F

ClientSampleId :

TW-4DL2

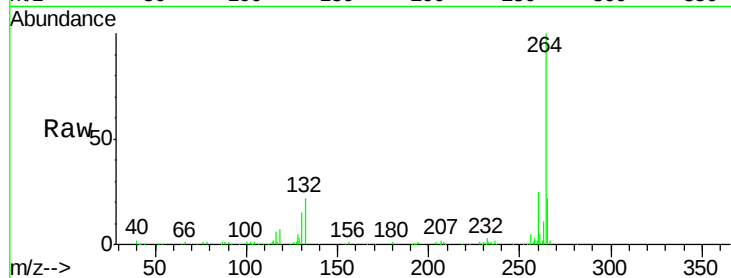
Tgt Ion: 264 Resp: 196658

Ion Ratio Lower Upper

264 100

260 24.9 19.2 28.8

265 21.6 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E

200000 Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

150000

100000

50000

0

17.74

17.70 17.80 17.90

Time-->

