

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052915\
 Data File : BF079569.D
 Acq On : 29 May 2015 19:38
 Operator : TP/IZ
 Sample : G2419-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-04

Quant Time: May 30 00:12:57 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 29 23:13:06 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	102684	20.00	ng	0.00
21) Naphthalene-d8	8.52	136	426137	20.00	ng	-0.01
38) Acenaphthene-d10	10.70	164	216099	20.00	ng	0.00
63) Phenanthrene-d10	12.53	188	372696	20.00	ng	0.00
75) Chrysene-d12	15.93	240	361588	20.00	ng	0.06
86) Perylene-d12	17.94	264	368131	20.00	ng	0.14
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	252076	42.58	ng	-0.01
7) Phenol-d6	6.55	99	209071	27.71	ng	0.00
23) Nitrobenzene-d5	7.66	82	435155	59.03	ng	0.00
41) 2,4,6-Tribromophenol	11.68	330	217129	91.48	ng	0.00
44) 2-Fluorobiphenyl	9.88	172	894459	59.05	ng	0.00
78) Terphenyl-d14	14.54	244	827939	53.74	ng	0.01

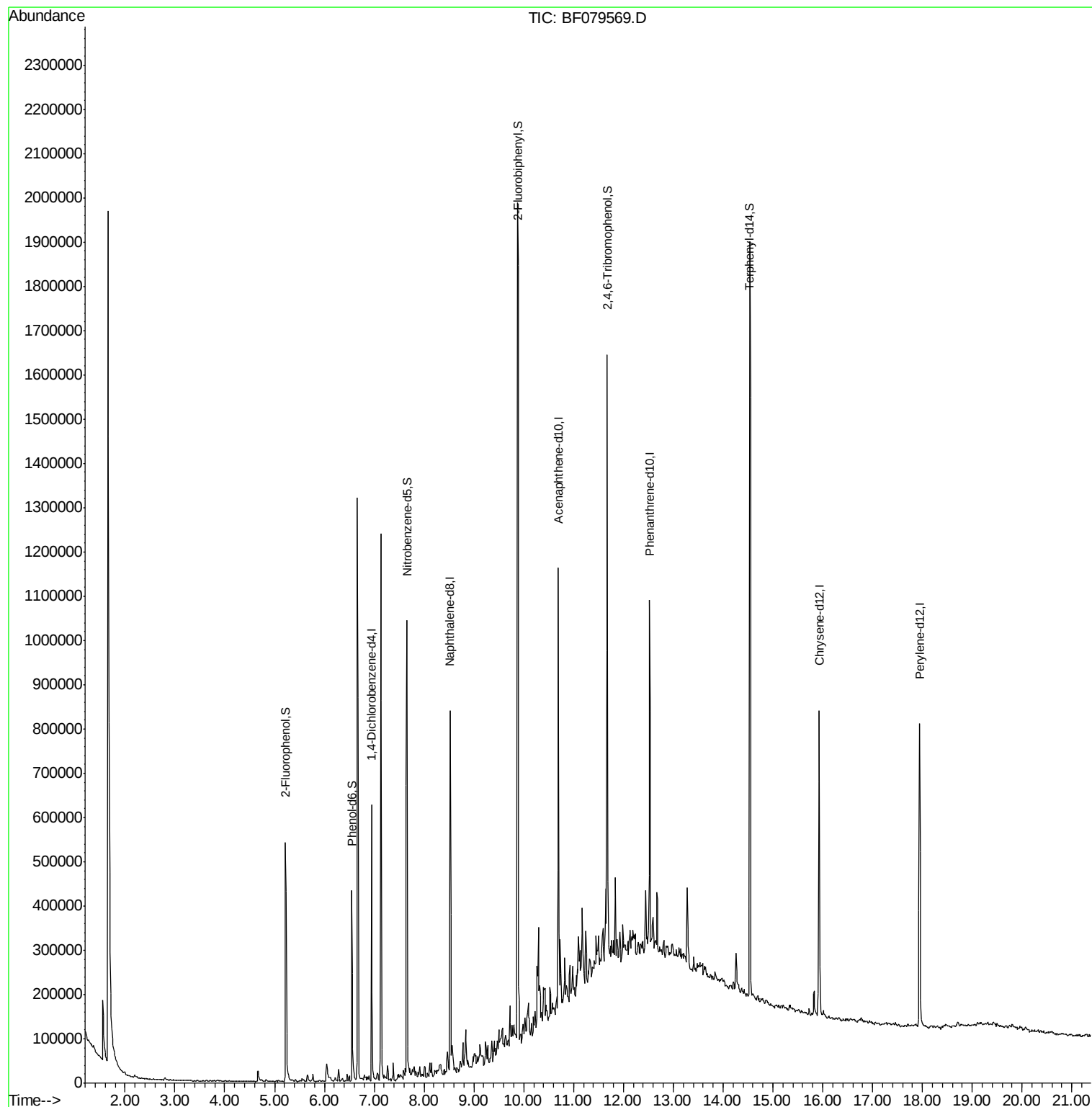
Target Compounds Qvalue

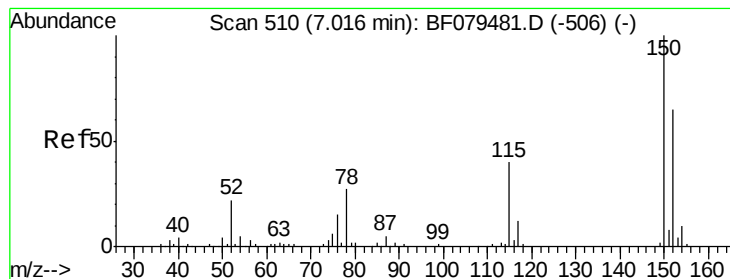
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.95 min Scan# 504

Delta R.T. -0.00 min

Lab File: BF079569.D

Acq: 29 May 2015 19:38

Instrument :

BNA_F

ClientSampleId :

MW-04

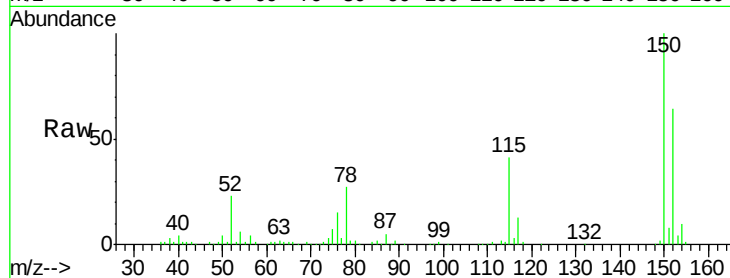
Tot Ion:152 Resp: 102684

Ion Ratio Lower Upper

152 100

150 156.0 124.0 186.0

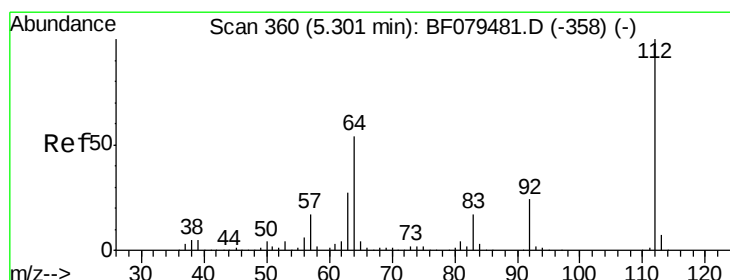
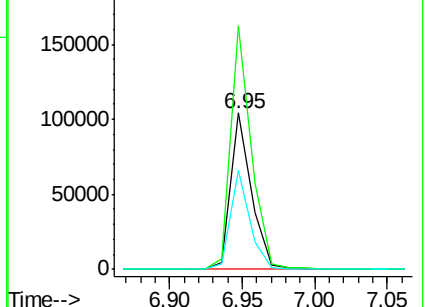
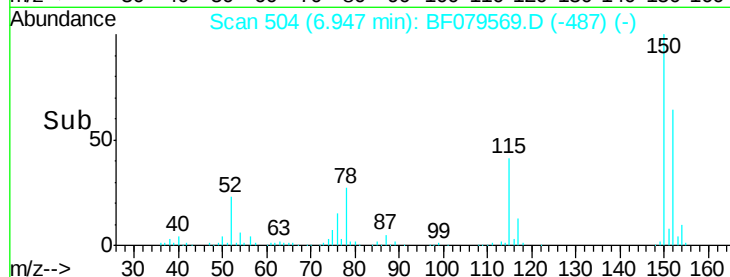
115 63.4 49.6 74.4



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: 42.58 ng

RT: 5.22 min Scan# 353

Delta R.T. -0.01 min

Lab File: BF079569.D

Acq: 29 May 2015 19:38

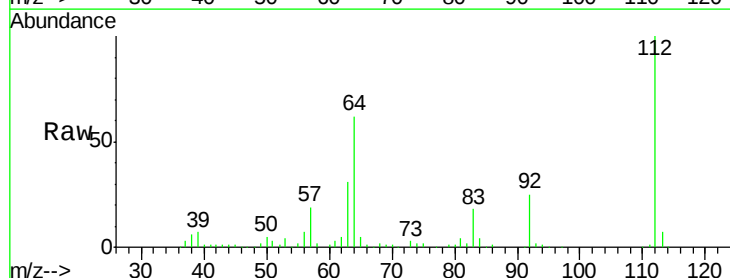
Tgt Ion:112 Resp: 252076

Ion Ratio Lower Upper

112 100

64 61.9 43.5 65.3

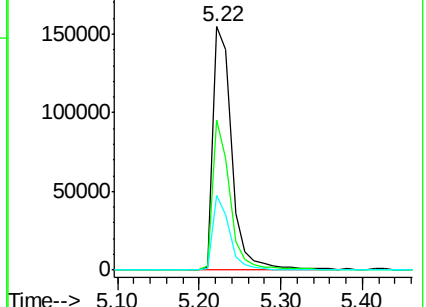
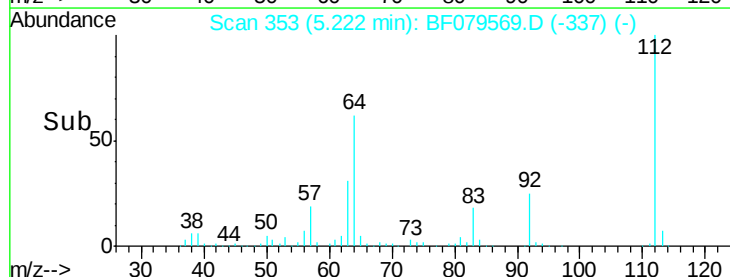
63 30.6 21.8 32.8

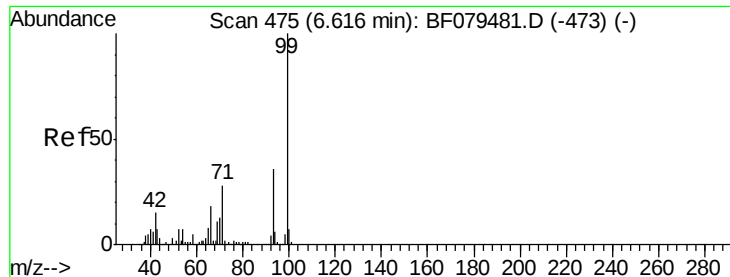


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 27.71 ng

RT: 6.55 min Scan# 469

Delta R.T. -0.00 min

Lab File: BF079569.D

Acq: 29 May 2015 19:38

Instrument :

BNA_F

ClientSampleId :

MW-04

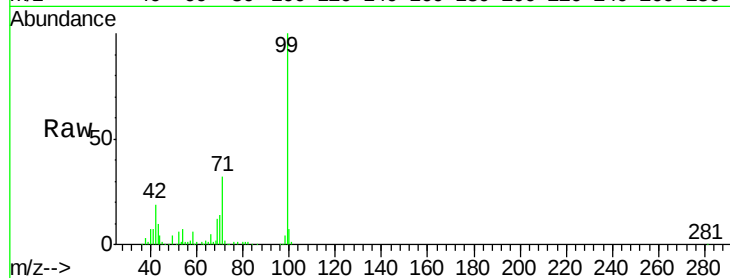
Tot Ion: 99 Resp: 209071

Ion Ratio Lower Upper

99 100

42 18.6 11.9 17.9#

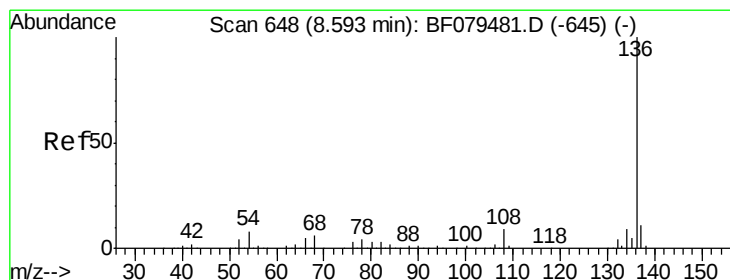
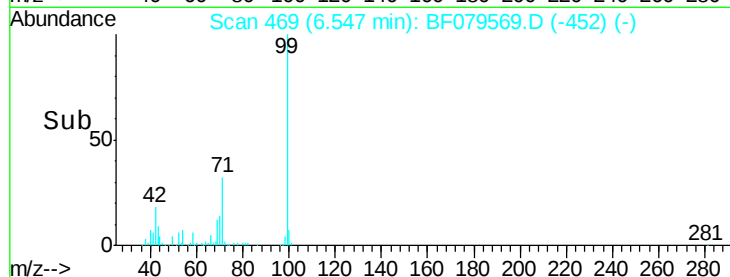
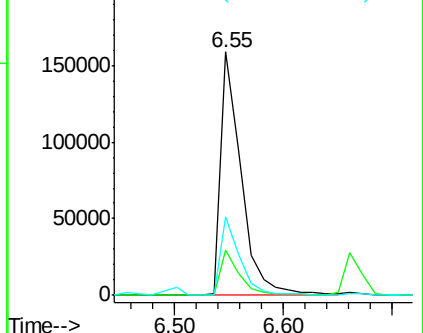
71 32.1 22.1 33.1



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: 8.52 min Scan# 642

Delta R.T. -0.01 min

Lab File: BF079569.D

Acq: 29 May 2015 19:38

Tgt Ion: 136 Resp: 426137

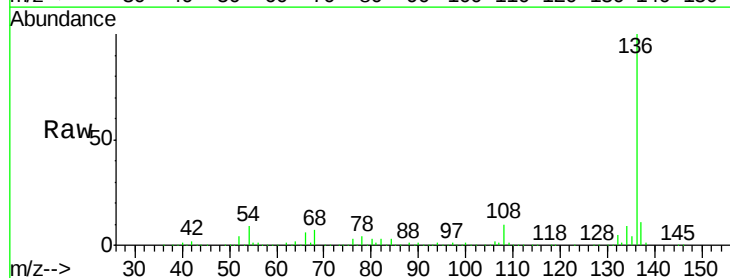
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 8.8 6.6 9.8

68 6.7 4.7 7.1

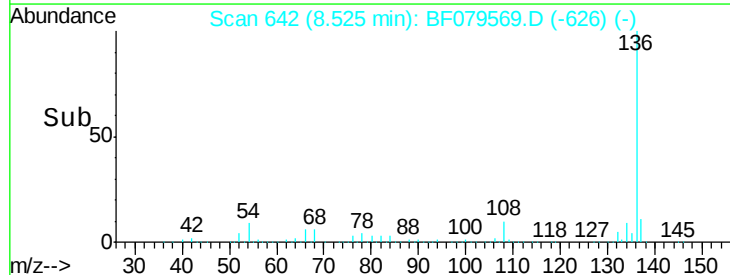
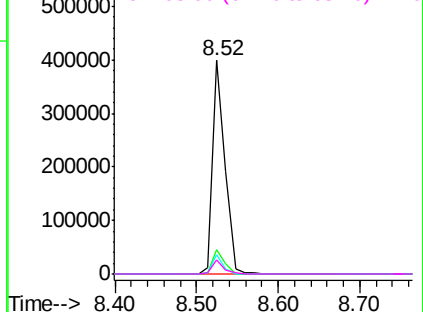


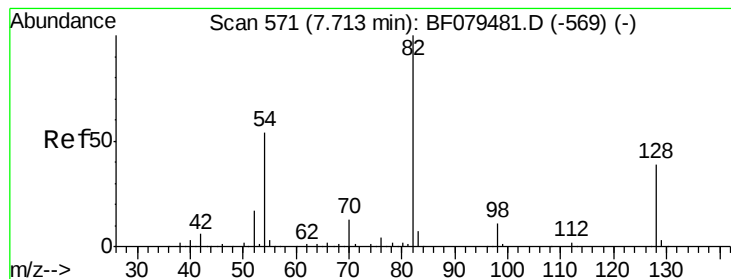
Abundance Ion 136.00 (135.70 to 136.70): E

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: 59.03 ng

RT: 7.66 min Scan# 566

Delta R.T. -0.00 min

Lab File: BF079569.D

Acq: 29 May 2015 19:38

Instrument :

BNA_F

ClientSampleId :

MW-04

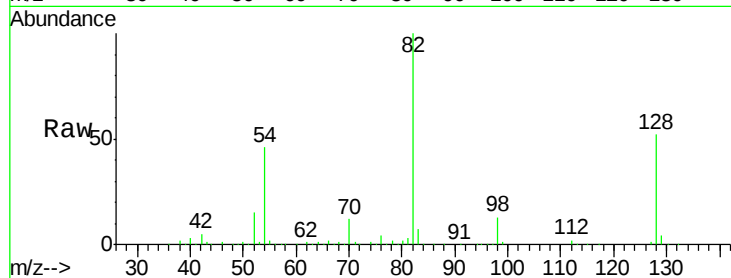
Tot Ion: 82 Resp: 435155

Ion Ratio Lower Upper

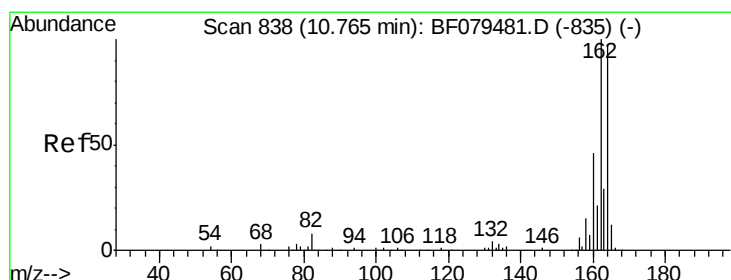
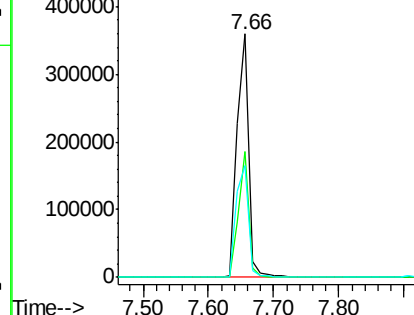
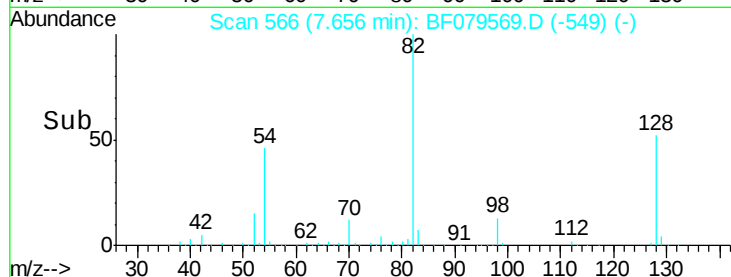
82 100

128 51.8 30.8 46.2#

54 45.7 42.8 64.2



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.70 min Scan# 832

Delta R.T. -0.00 min

Lab File: BF079569.D

Acq: 29 May 2015 19:38

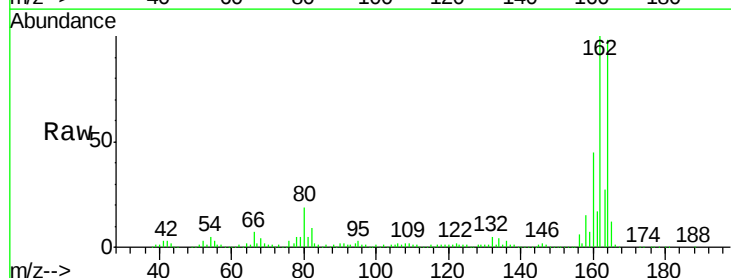
Tgt Ion:164 Resp: 216099

Ion Ratio Lower Upper

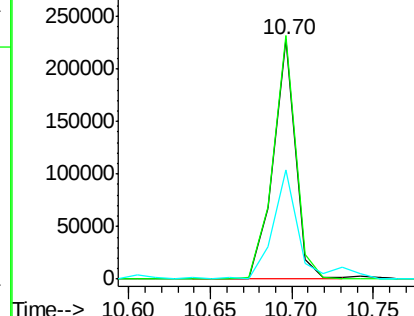
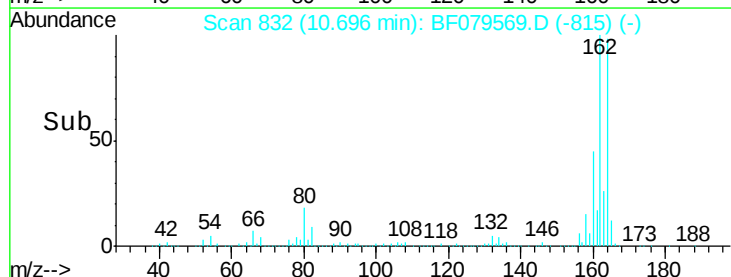
164 100

162 101.7 82.6 124.0

160 45.9 37.7 56.5



Abundance Ion 164.00 (163.70 to 164.70): B
Ion 162.00 (161.70 to 162.70): B
Ion 160.00 (159.70 to 160.70): B

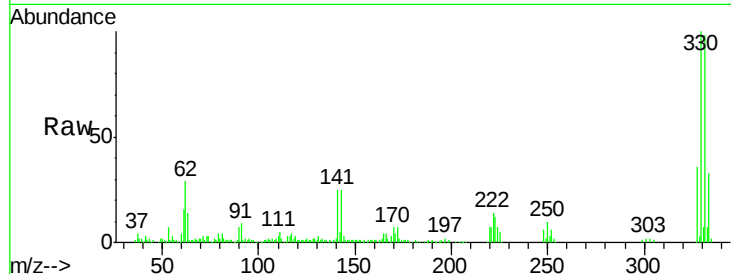




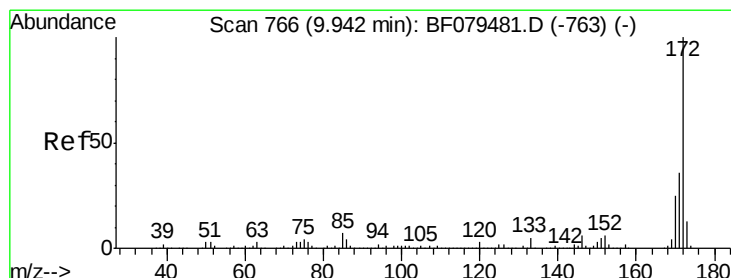
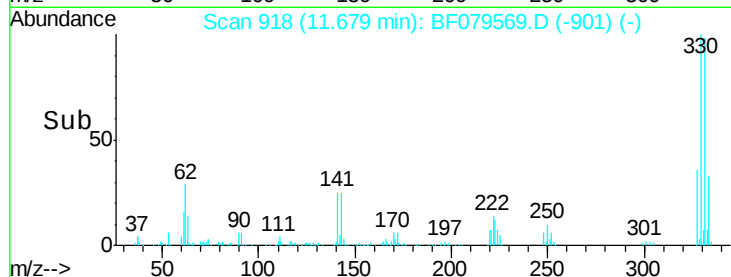
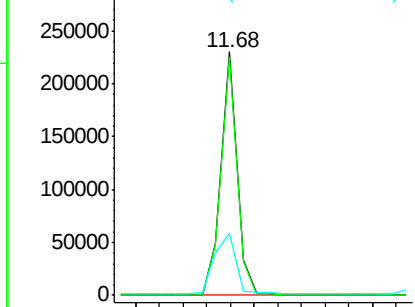
#41
 2,4,6-Tribromophenol
 Concen: 91.48 ng
 RT: 11.68 min Scan# 918
 Delta R.T. -0.00 min
 Lab File: BF079569.D
 Acq: 29 May 2015 19:38

Instrument :
 BNA_F
 ClientSampleId :
 MW-04

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.0	0.0	0.0#
141	32.6	0.0	0.0#

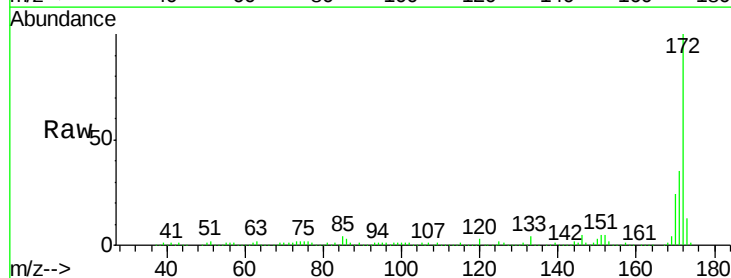


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

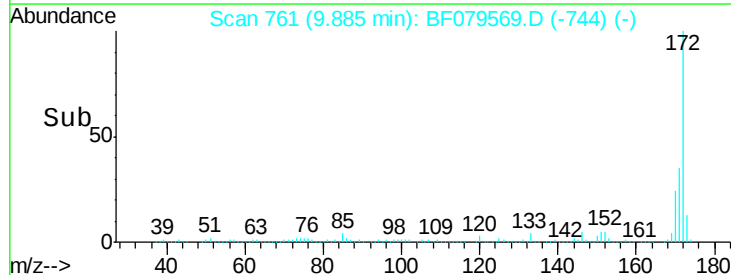
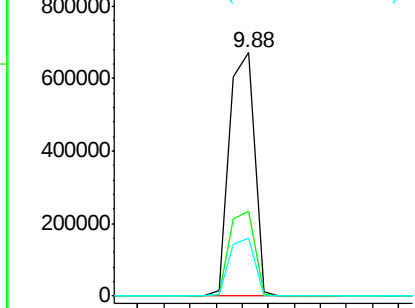


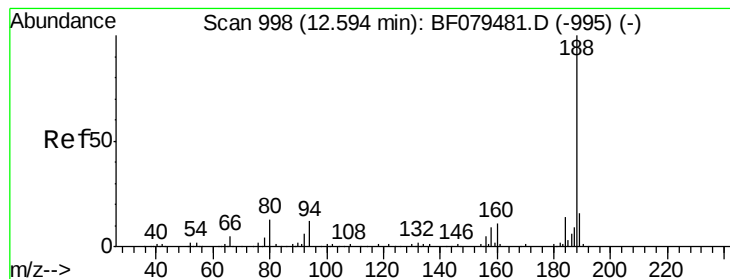
#44
 2-Fluorobiphenyl
 Concen: 59.05 ng
 RT: 9.88 min Scan# 761
 Delta R.T. -0.00 min
 Lab File: BF079569.D
 Acq: 29 May 2015 19:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.5	42.7
170	23.8	19.7	29.5



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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.53 min Scan# 992

Delta R.T. -0.00 min

Lab File: BF079569.D

Acq: 29 May 2015 19:38

Instrument :

BNA_F

ClientSampleId :

MW-04

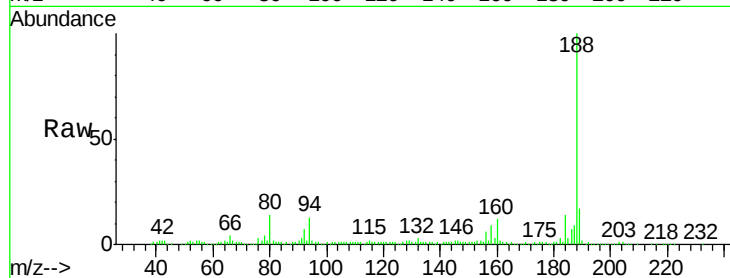
Tot Ion:188 Resp: 372696

Ion Ratio Lower Upper

188 100

94 13.0 9.8 14.6

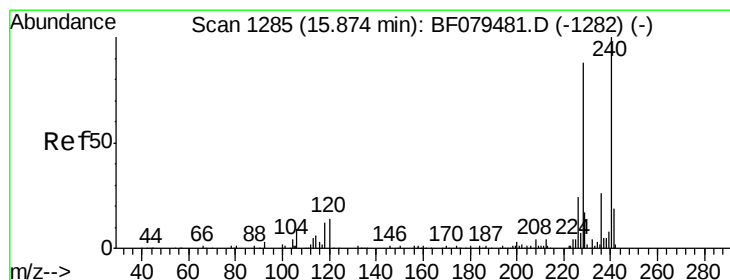
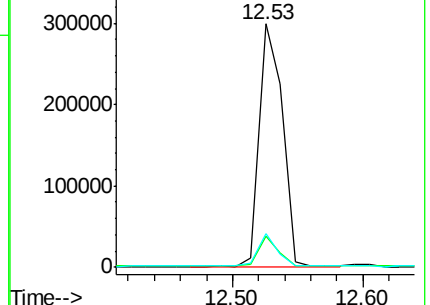
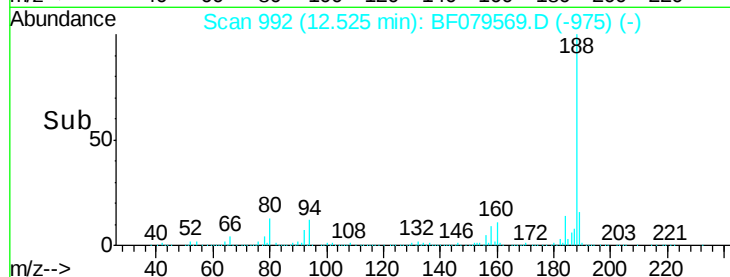
80 13.7 10.5 15.7



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: 15.93 min Scan# 1290

Delta R.T. 0.06 min

Lab File: BF079569.D

Acq: 29 May 2015 19:38

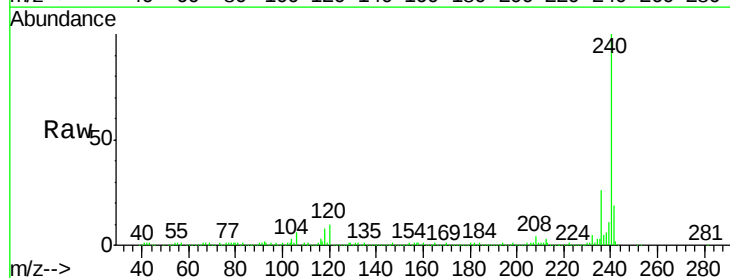
Tgt Ion:240 Resp: 361588

Ion Ratio Lower Upper

240 100

120 9.7 10.8 16.2#

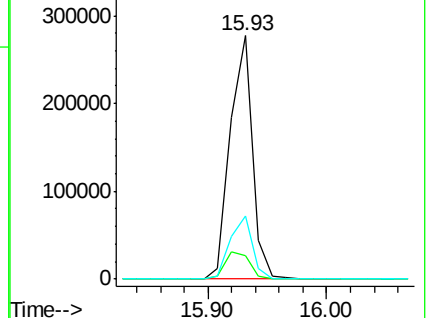
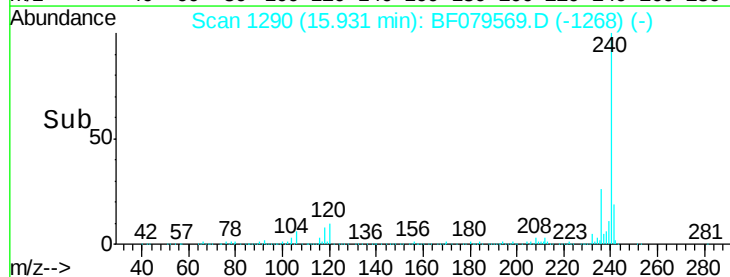
236 25.9 21.0 31.6

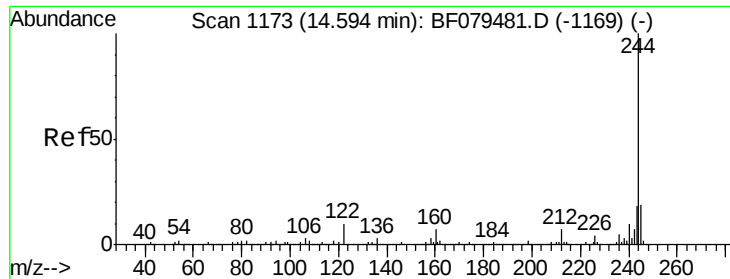


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 53.74 ng

RT: 14.54 min Scan# 1168

Delta R.T. 0.01 min

Lab File: BF079569.D

Acq: 29 May 2015 19:38

Instrument :

BNA_F

ClientSampleId :

MW-04

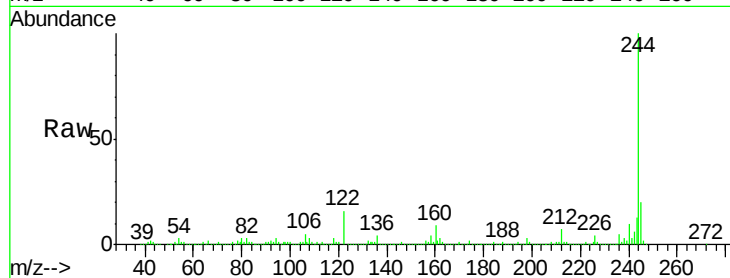
Tot Ion:244 Resp: 827939

Ion Ratio Lower Upper

244 100

212 7.2 5.2 7.8

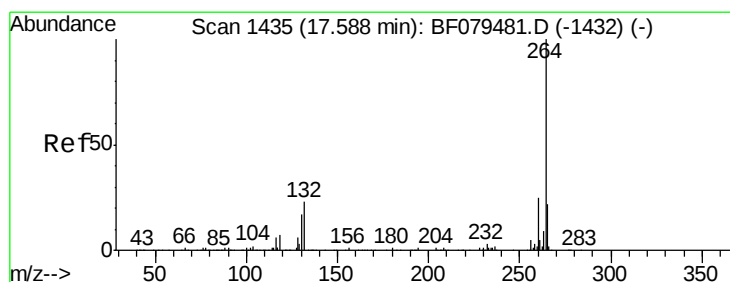
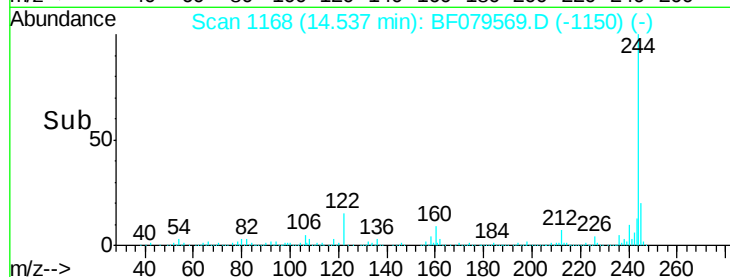
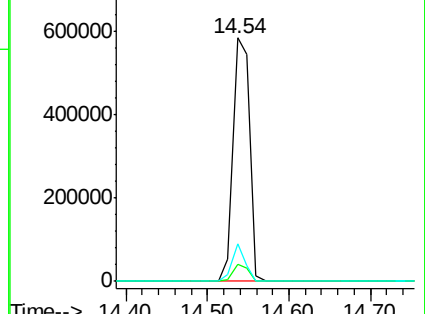
122 15.5 8.0 12.0#



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: 17.94 min Scan# 1466

Delta R.T. 0.14 min

Lab File: BF079569.D

Acq: 29 May 2015 19:38

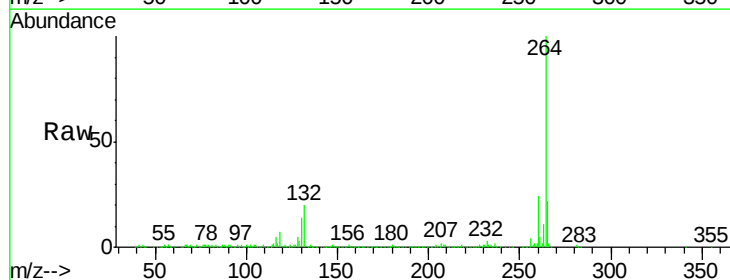
Tgt Ion:264 Resp: 368131

Ion Ratio Lower Upper

264 100

260 24.4 19.8 29.8

265 21.7 17.8 26.6



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

