

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061615\
 Data File : BF079990.D
 Acq On : 16 Jun 2015 15:02
 Operator : TP/IZ
 Sample : G2638-03
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP15-MMW0002

Quant Time: Jun 17 01:38:32 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 15 15:44:31 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	45836	20.00	ng	0.00
21) Naphthalene-d8	8.64	136	179667	20.00	ng	0.00
38) Acenaphthene-d10	10.41	164	85812	20.00	ng	0.00
63) Phenanthrene-d10	11.93	188	187749	20.00	ng	0.01
75) Chrysene-d12	15.01	240	190494	20.00	ng	0.10
86) Perylene-d12	16.96	264	183929	20.00	ng	0.16
System Monitoring Compounds						
5) 2-Fluorophenol	5.96	112	158447	63.39	ng	0.00
7) Phenol-d6	6.95	99	137939	40.50	ng	0.00
23) Nitrobenzene-d5	7.91	82	315597	115.90	ng	0.00
41) 2,4,6-Tribromophenol	11.21	330	137170	158.05	ng	0.00
44) 2-Fluorobiphenyl	9.72	172	618397	100.91	ng	0.00
78) Terphenyl-d14	13.68	244	825605	99.92	ng	0.06

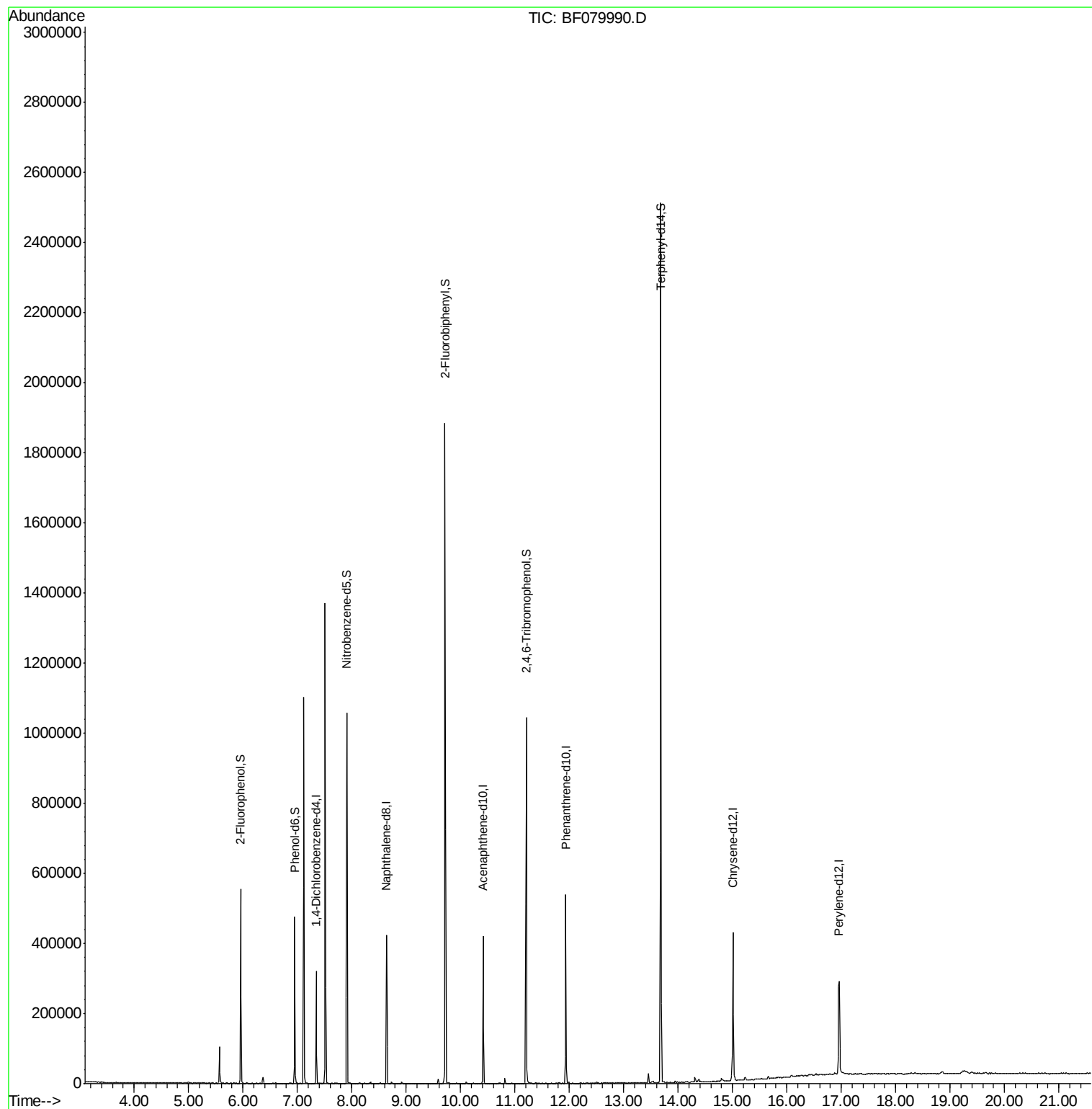
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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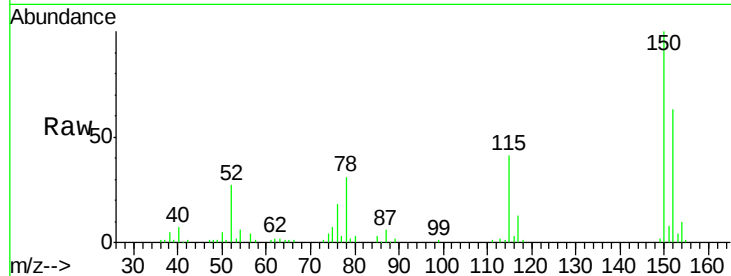


#1

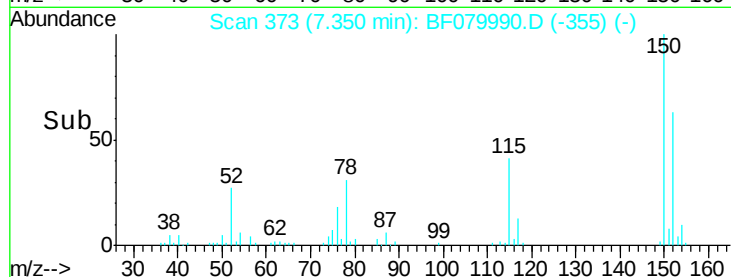
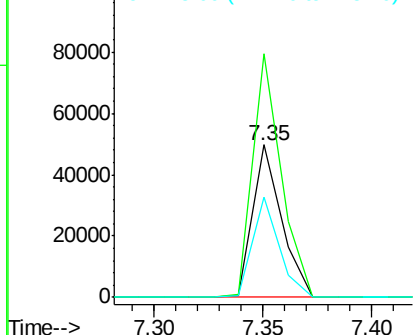
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.35 min Scan# 373
Delta R.T. 0.00 min
Lab File: BF079990.D
Acq: 16 Jun 2015 15:02

Instrument :
BNA_F
ClientSampleId :
SP15-MMW0002

Tgt Ion:152 Resp: 45836
Ion Ratio Lower Upper
152 100
150 159.9 131.0 196.4
115 65.9 49.8 74.6



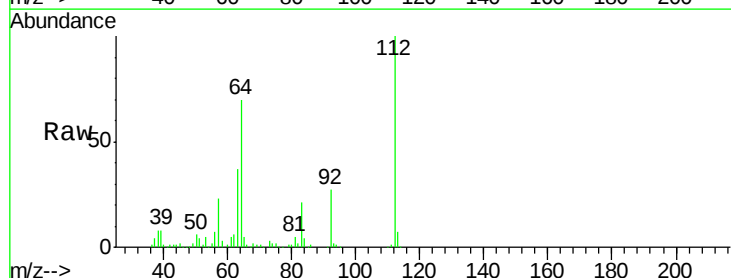
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



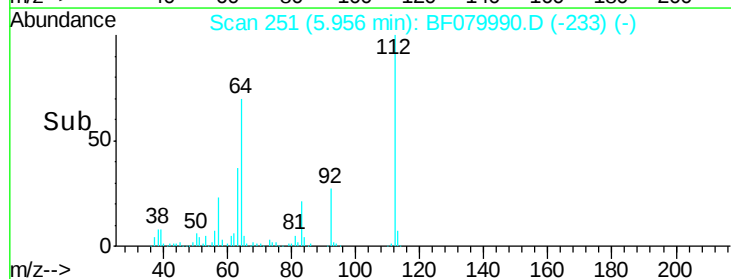
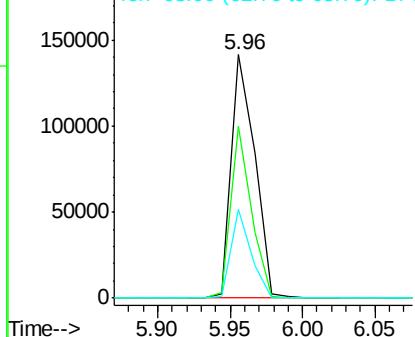
#5

2-Fluorophenol
Concen: 63.39 ng
RT: 5.96 min Scan# 251
Delta R.T. 0.00 min
Lab File: BF079990.D
Acq: 16 Jun 2015 15:02

Tgt Ion:112 Resp: 158447
Ion Ratio Lower Upper
112 100
64 70.4 54.5 81.7
63 36.5 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: 40.50 ng

RT: 6.95 min Scan# 338

Delta R.T. 0.00 min

Lab File: BF079990.D

Acq: 16 Jun 2015 15:02

Instrument :

BNA_F

ClientSampleId :

SP15-MMW0002

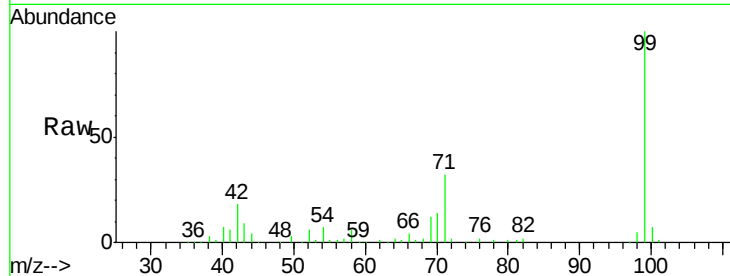
Tgt Ion: 99 Resp: 137939

Ion Ratio Lower Upper

99 100

42 18.4 12.9 19.3

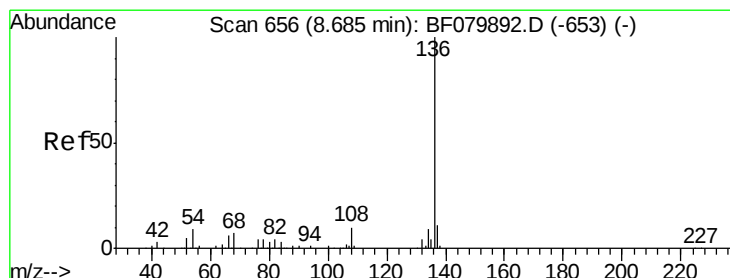
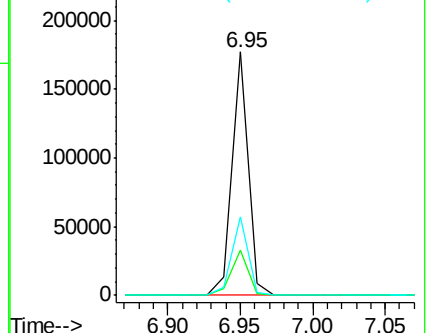
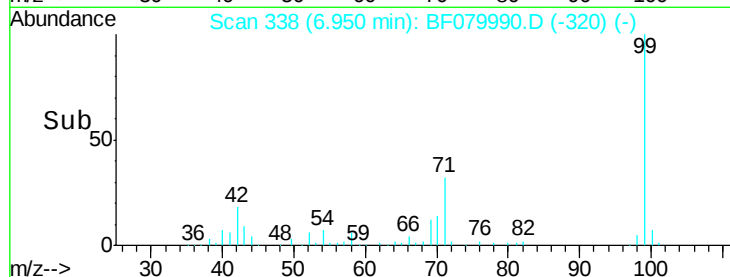
71 32.4 23.4 35.2



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: 8.64 min Scan# 486

Delta R.T. 0.00 min

Lab File: BF079990.D

Acq: 16 Jun 2015 15:02

Tgt Ion: 136 Resp: 179667

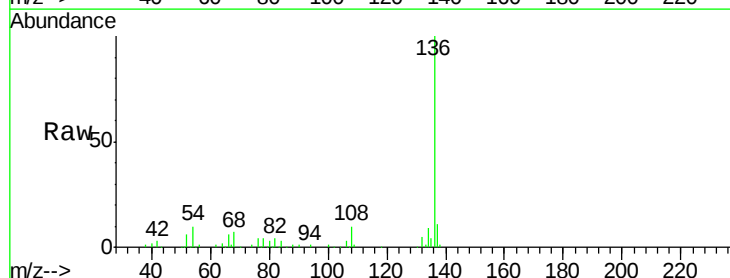
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 9.6 7.3 10.9

68 6.9 5.9 8.9

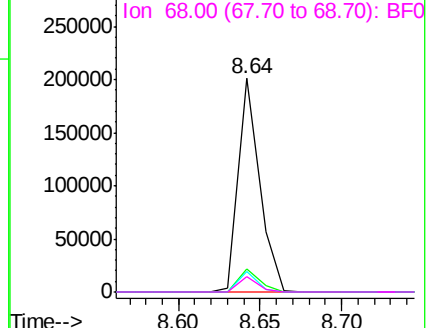
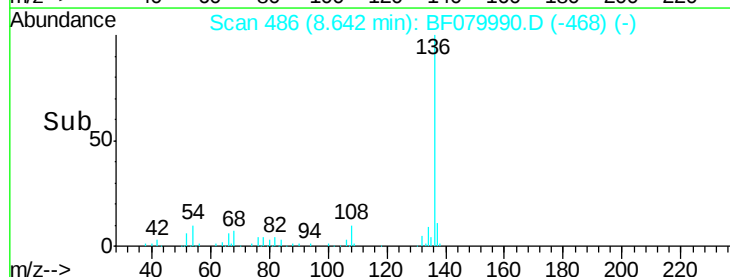


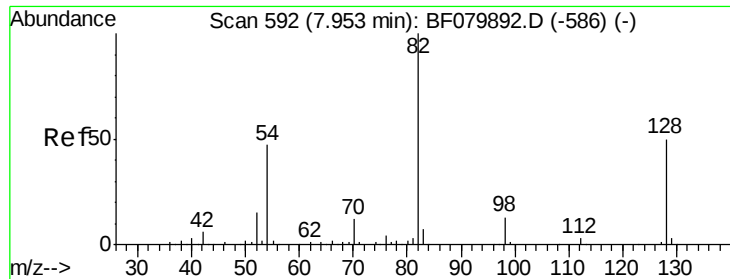
Abundance Ion 136.00 (135.70 to 136.70): E

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

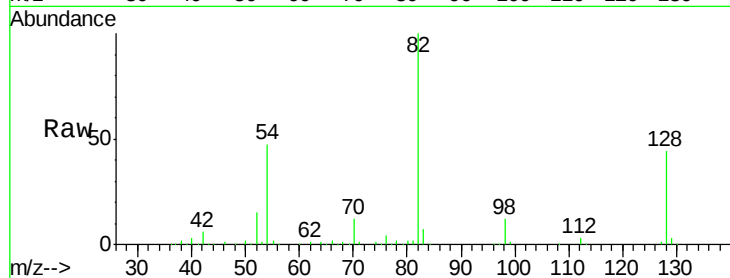




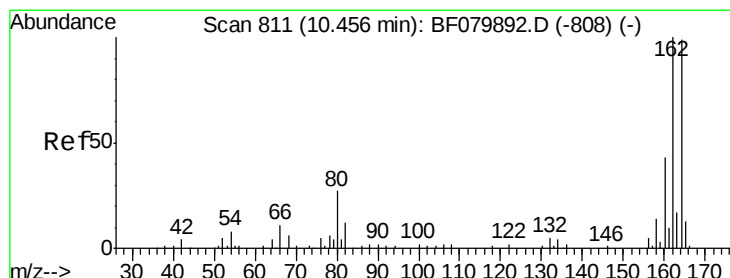
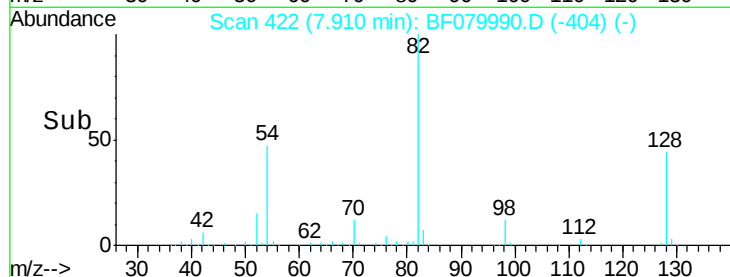
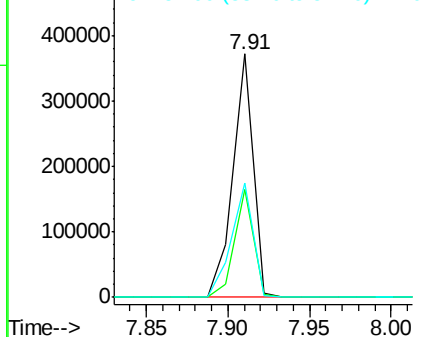
#23
 Nitrobenzene-d5
 Concen: 115.90 ng
 RT: 7.91 min Scan# 422
 Delta R.T. 0.00 min
 Lab File: BF079990.D
 Acq: 16 Jun 2015 15:02

Instrument :
 BNA_F
 ClientSampleId :
 SP15-MMW0002

Tgt Ion: 82 Resp: 315597
 Ion Ratio Lower Upper
 82 100
 128 44.1 40.3 60.5
 54 46.9 38.0 57.0

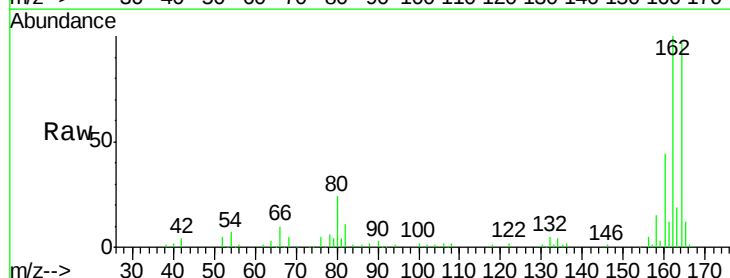


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

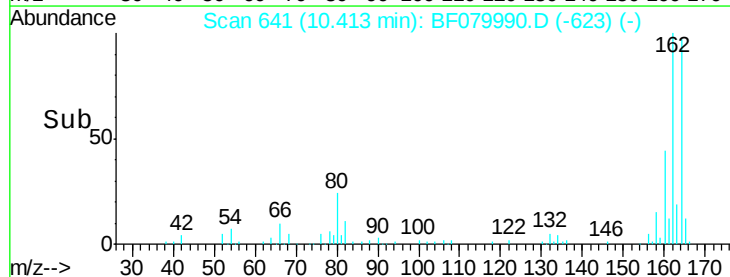
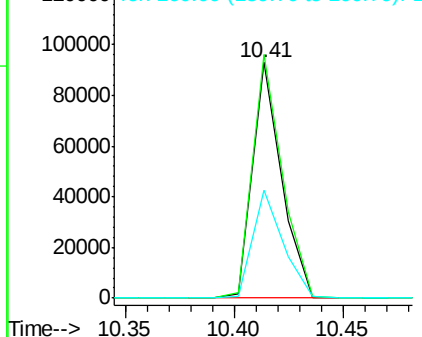


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.41 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF079990.D
 Acq: 16 Jun 2015 15:02

Tgt Ion: 164 Resp: 85812
 Ion Ratio Lower Upper
 164 100
 162 103.4 80.7 121.1
 160 45.9 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

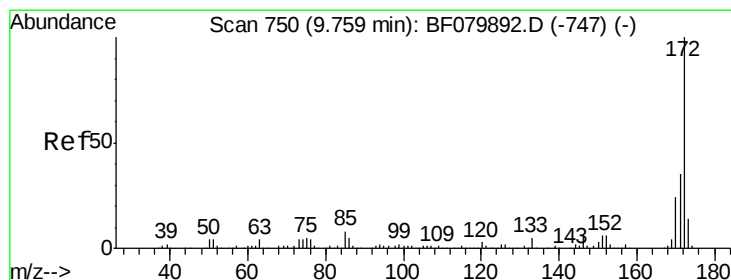
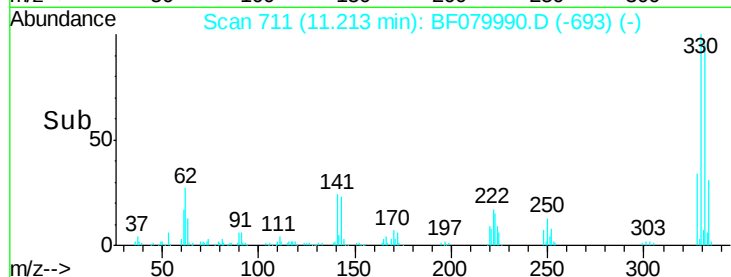
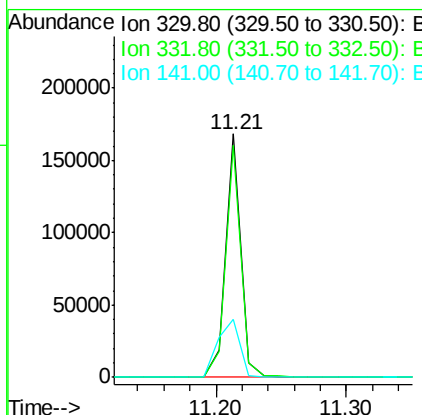
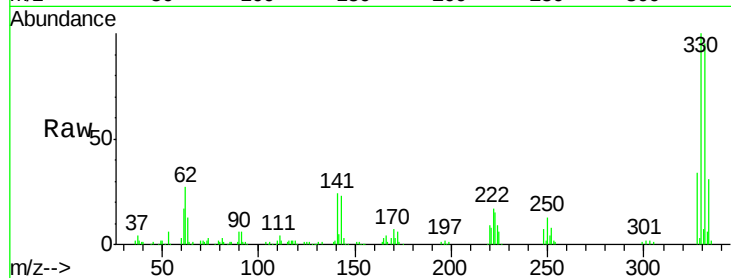




#41
 2,4,6-Tribromophenol
 Concen: 158.05 ng
 RT: 11.21 min Scan# 711
 Delta R.T. 0.00 min
 Lab File: BF079990.D
 Acq: 16 Jun 2015 15:02

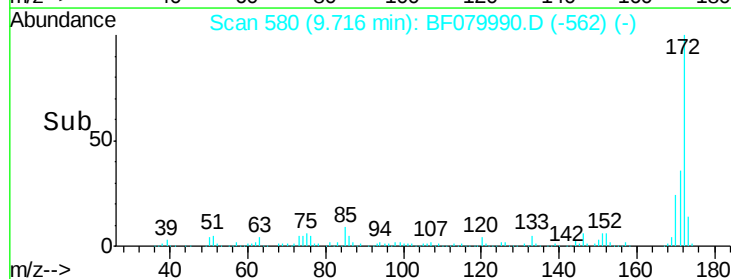
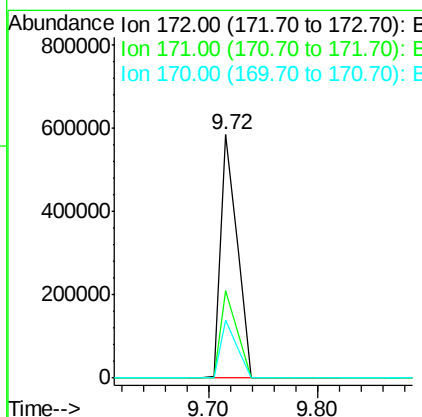
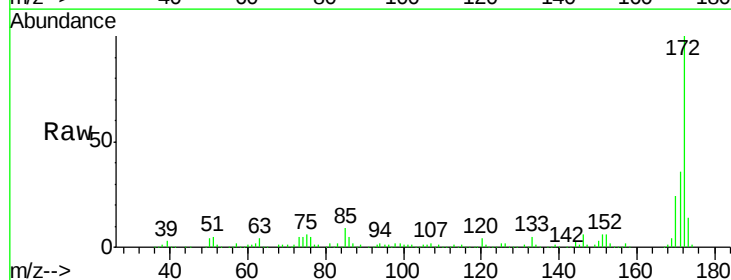
Instrument :
 BNA_F
 ClientSampleId :
 SP15-MMW0002

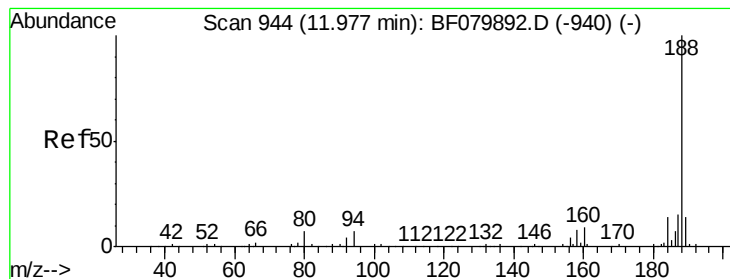
Tgt Ion:330 Resp: 137170
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.3 115.9
 141 35.0 26.8 40.2



#44
 2-Fluorobiphenyl
 Concen: 100.91 ng
 RT: 9.72 min Scan# 580
 Delta R.T. 0.00 min
 Lab File: BF079990.D
 Acq: 16 Jun 2015 15:02

Tgt Ion:172 Resp: 618397
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.3 42.5
 170 23.9 19.0 28.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.93 min Scan# 774

Delta R.T. 0.01 min

Lab File: BF079990.D

Acq: 16 Jun 2015 15:02

Instrument :

BNA_F

ClientSampleId :

SP15-MMW0002

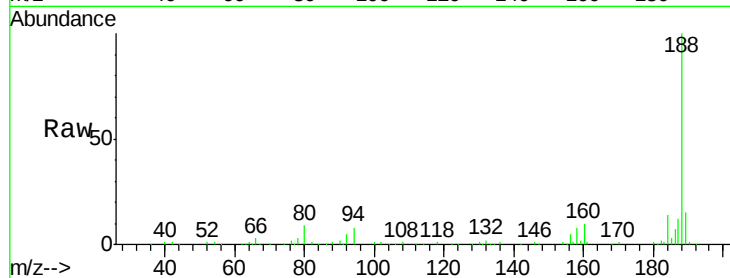
Tgt Ion:188 Resp: 187749

Ion Ratio Lower Upper

188 100

94 8.2 5.8 8.8

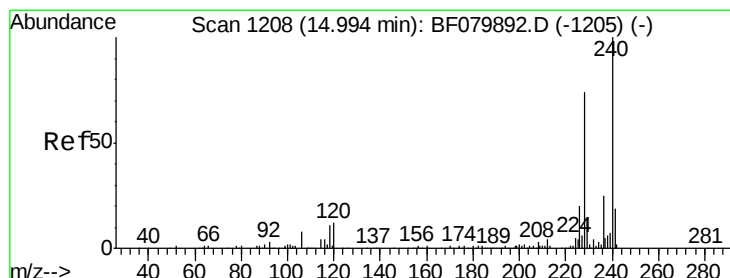
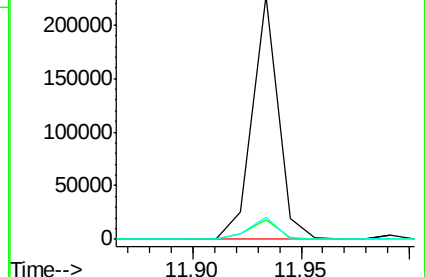
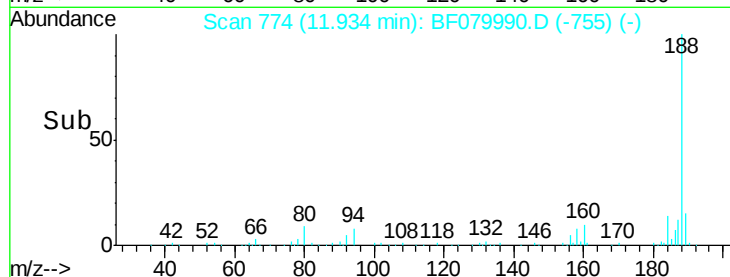
80 9.1 5.9 8.9#



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: 15.01 min Scan# 1043

Delta R.T. 0.10 min

Lab File: BF079990.D

Acq: 16 Jun 2015 15:02

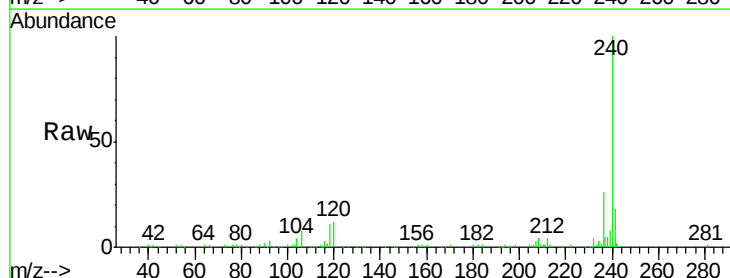
Tgt Ion:240 Resp: 190494

Ion Ratio Lower Upper

240 100

120 11.6 9.4 14.2

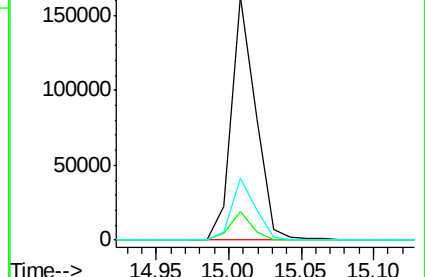
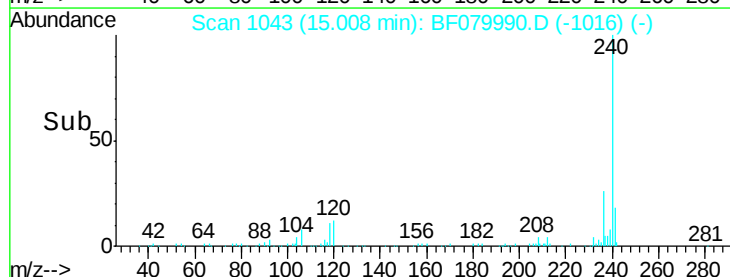
236 25.6 19.6 29.4

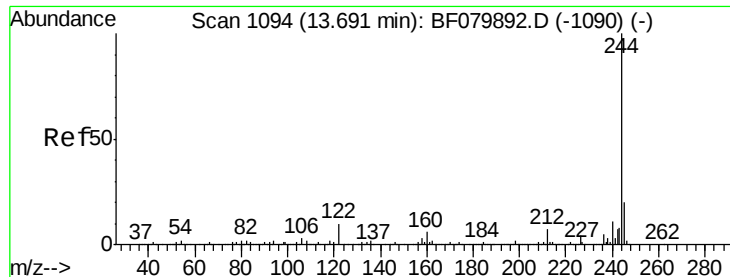


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 99.92 ng

RT: 13.68 min Scan# 927

Delta R.T. 0.06 min

Lab File: BF079990.D

Acq: 16 Jun 2015 15:02

Instrument :

BNA_F

ClientSampleId :

SP15-MMW0002

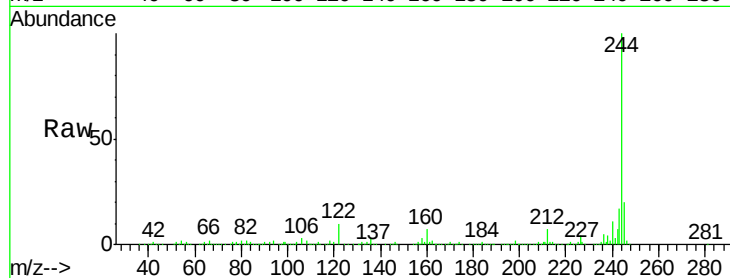
Tgt Ion:244 Resp: 825605

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.2

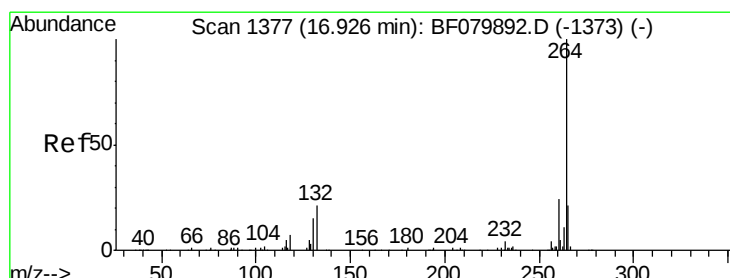
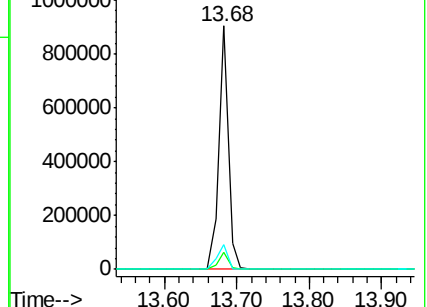
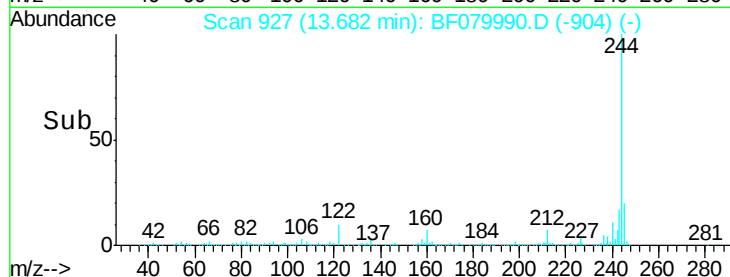
122 10.2 7.8 11.8



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: 16.96 min Scan# 1214

Delta R.T. 0.16 min

Lab File: BF079990.D

Acq: 16 Jun 2015 15:02

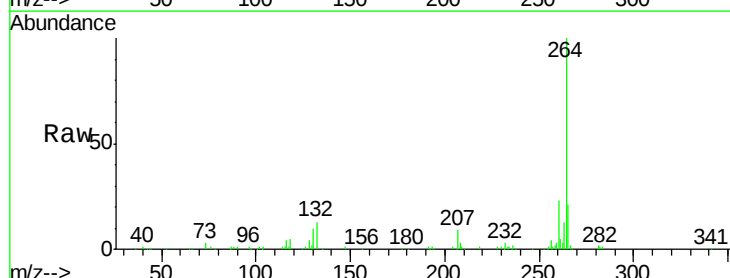
Tgt Ion:264 Resp: 183929

Ion Ratio Lower Upper

264 100

260 23.3 19.3 28.9

265 20.9 17.0 25.6



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

