

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061115\
 Data File : BF079917.D
 Acq On : 12 Jun 2015 3:24
 Operator : TP/IZ
 Sample : G2576-14
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SHB11W

Quant Time: Jun 12 05:53:10 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 00:59:58 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	54696	20.00	ng	0.00
21) Naphthalene-d8	8.68	136	228931	20.00	ng	0.00
38) Acenaphthene-d10	10.46	164	118282	20.00	ng	0.00
63) Phenanthrene-d10	11.97	188	266238	20.00	ng	-0.01
75) Chrysene-d12	14.83	240	284351	20.00	ng	-0.16
86) Perylene-d12	16.69	264	280668	20.00	ng	-0.24
System Monitoring Compounds						
5) 2-Fluorophenol	6.00	112	82543	25.29	ng	0.00
7) Phenol-d6	6.99	99	72557	16.99	ng	0.00
23) Nitrobenzene-d5	7.95	82	196062	50.94	ng	0.00
41) 2,4,6-Tribromophenol	11.26	330	68790	65.16	ng	0.00
44) 2-Fluorobiphenyl	9.76	172	571746	68.12	ng	0.00
78) Terphenyl-d14	13.61	244	729016	58.26	ng	-0.08

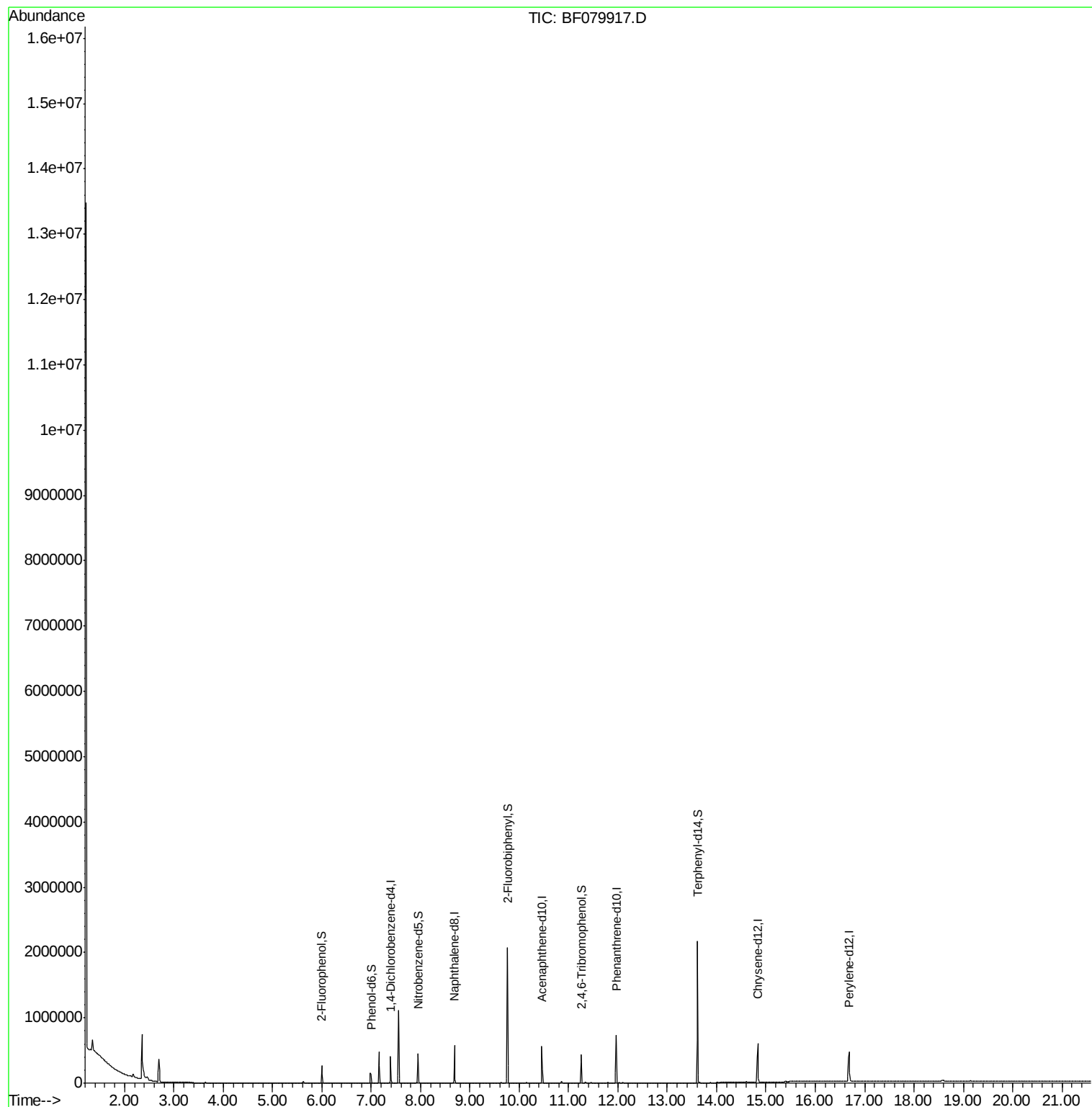
Target Compounds	Qvalue
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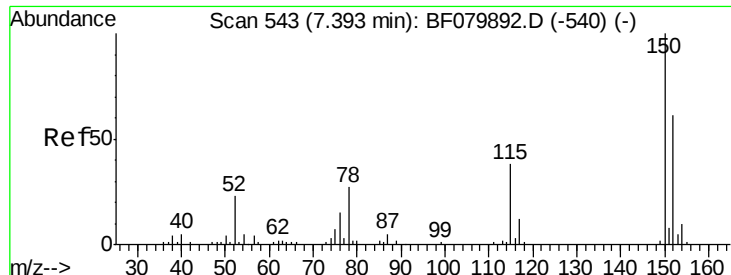
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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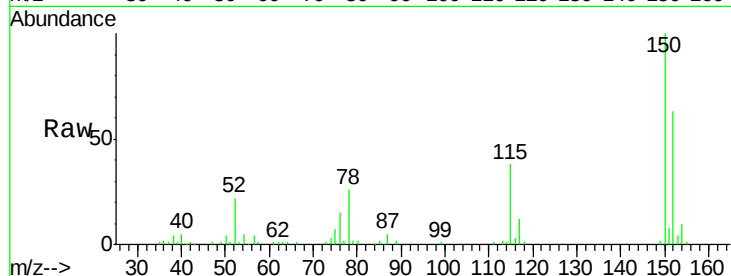


#1

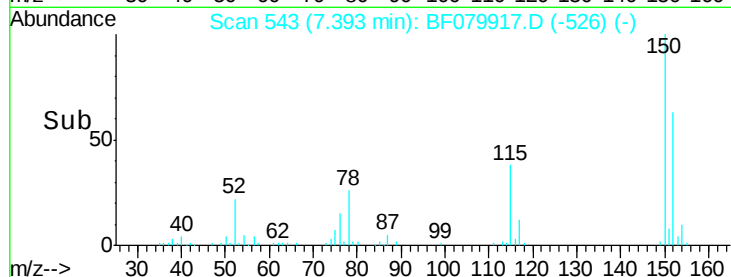
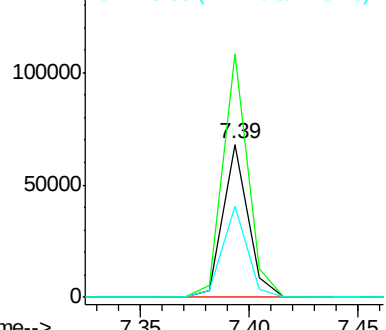
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.39 min Scan# 543
Delta R.T. -0.00 min
Lab File: BF079917.D
Acq: 12 Jun 2015 3:24

Instrument :
BNA_F
ClientSampleId :
SHB11W

Tgt Ion:152 Resp: 54696
Ion Ratio Lower Upper
152 100
150 159.2 131.0 196.4
115 59.9 49.8 74.6



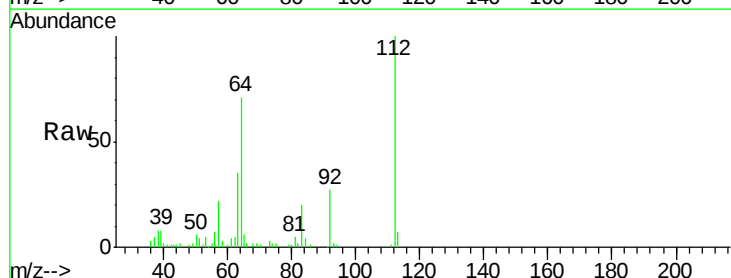
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



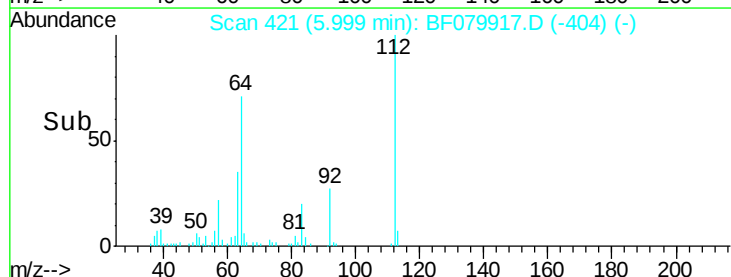
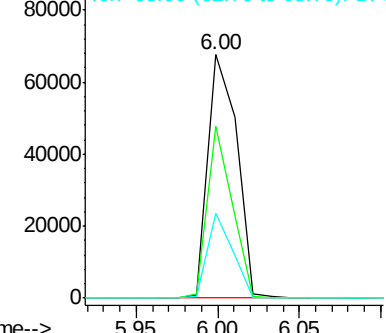
#5

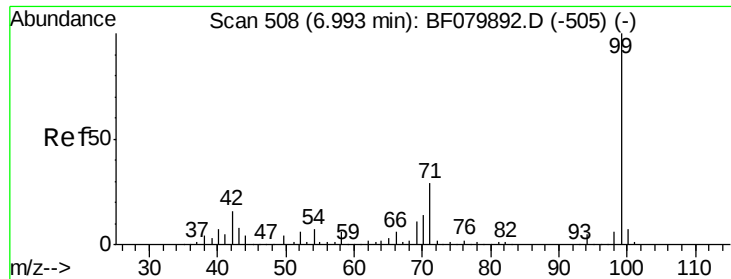
2-Fluorophenol
Concen: 25.29 ng
RT: 6.00 min Scan# 421
Delta R.T. -0.00 min
Lab File: BF079917.D
Acq: 12 Jun 2015 3:24

Tgt Ion:112 Resp: 82543
Ion Ratio Lower Upper
112 100
64 70.8 54.5 81.7
63 34.7 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: 16.99 ng

RT: 6.99 min Scan# 508

Delta R.T. -0.00 min

Lab File: BF079917.D

Acq: 12 Jun 2015 3:24

Instrument :

BNA_F

ClientSampleId :

SHB11W

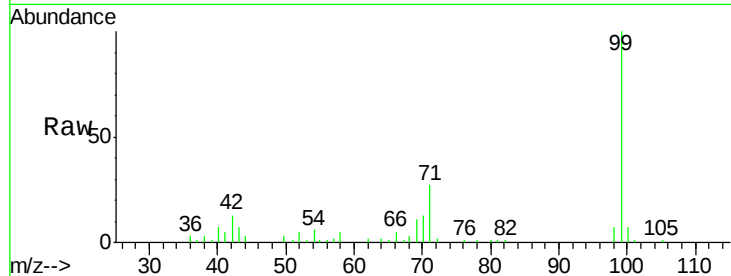
Tgt Ion: 99 Resp: 72557

Ion Ratio Lower Upper

99 100

42 13.4 12.9 19.3

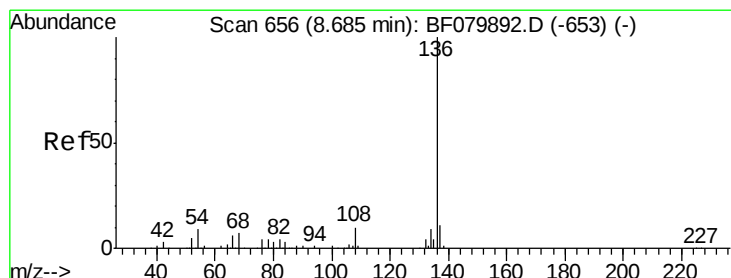
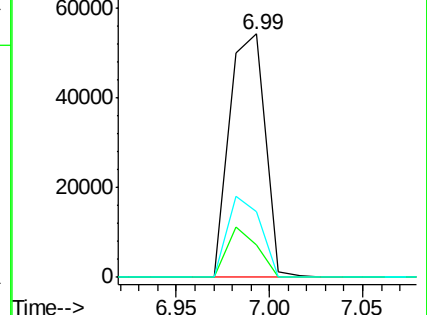
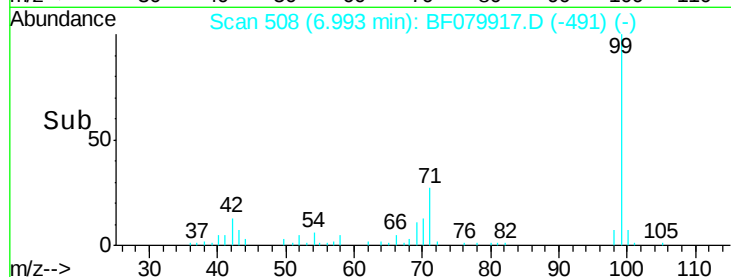
71 26.8 23.4 35.2



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: 8.68 min Scan# 656

Delta R.T. -0.00 min

Lab File: BF079917.D

Acq: 12 Jun 2015 3:24

Tgt Ion: 136 Resp: 228931

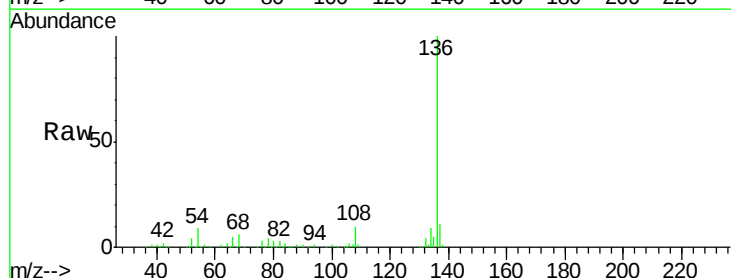
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 8.6 7.3 10.9

68 6.4 5.9 8.9

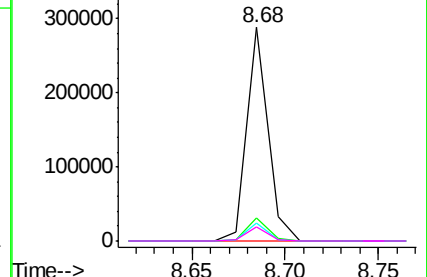
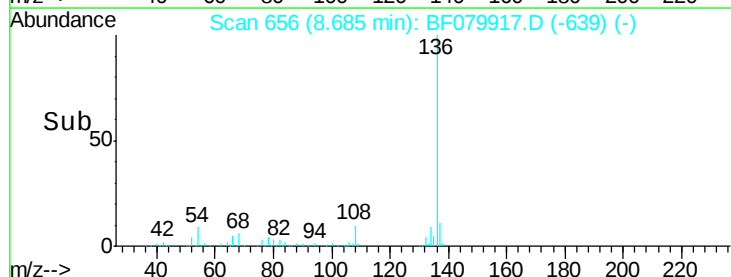


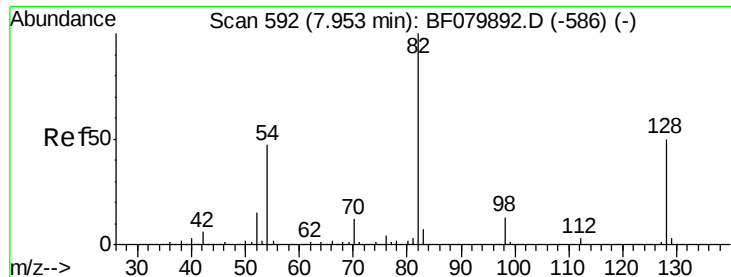
Abundance Ion 136.00 (135.70 to 136.70): E

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

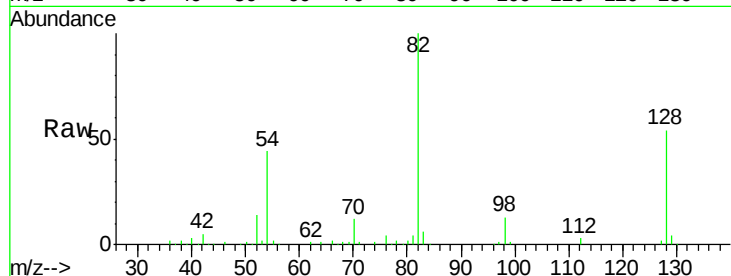




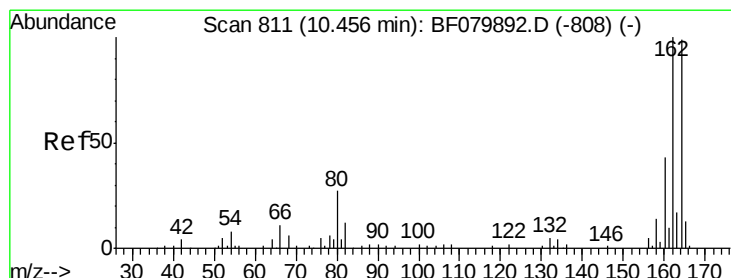
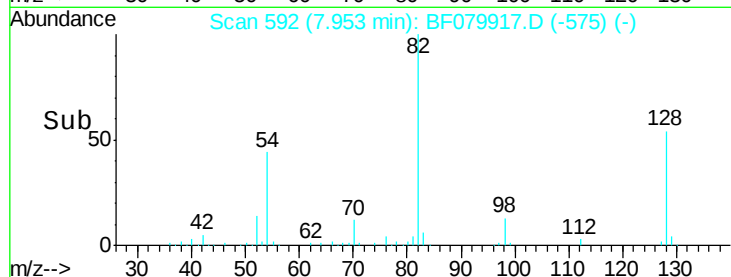
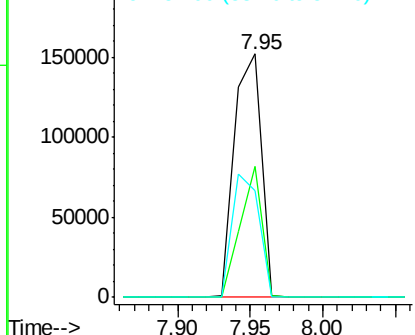
#23
Nitrobenzene-d5
Concen: 50.94 ng
RT: 7.95 min Scan# 592
Delta R.T. -0.00 min
Lab File: BF079917.D
Acq: 12 Jun 2015 3:24

Instrument :
BNA_F
ClientSampleId :
SHB11W

Tgt Ion	Ratio	Lower	Upper
82	100		
128	53.6	40.3	60.5
54	43.6	38.0	57.0

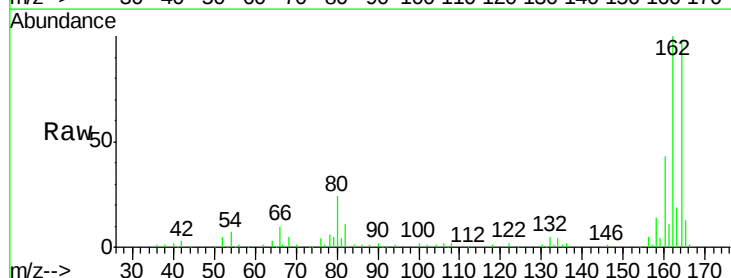


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

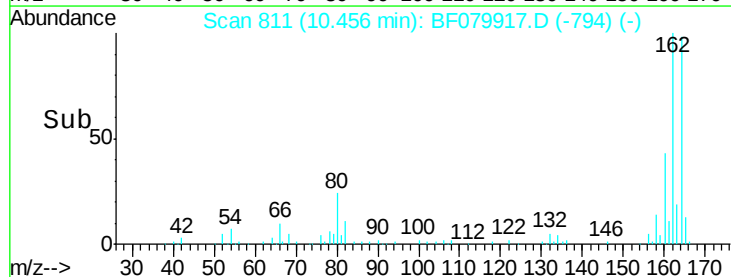
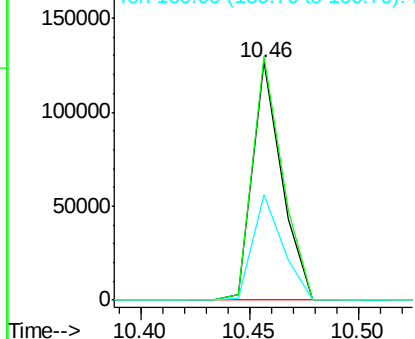


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.46 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF079917.D
Acq: 12 Jun 2015 3:24

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.2	80.7	121.1
160	44.0	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

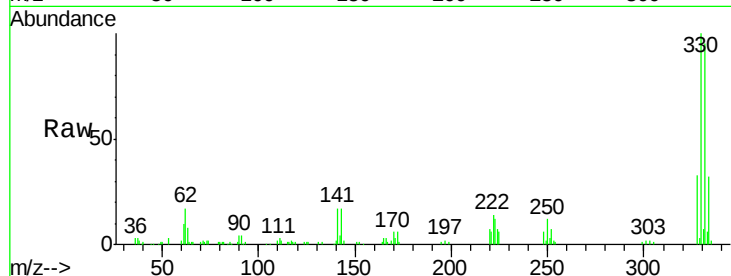




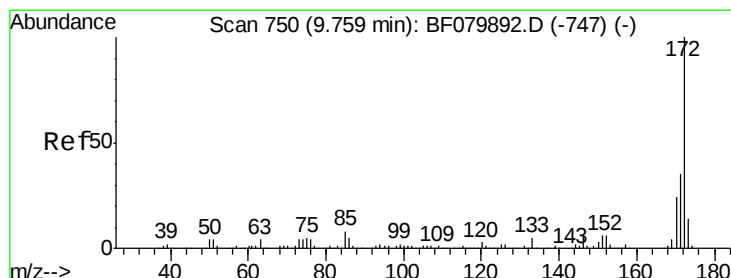
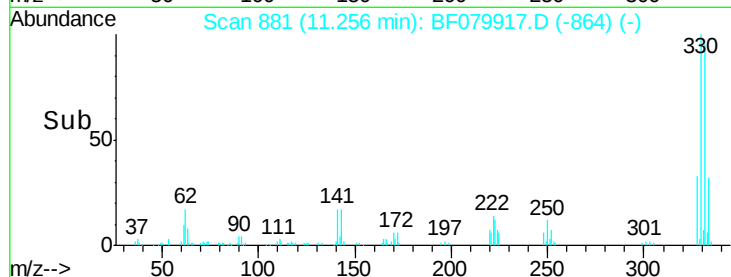
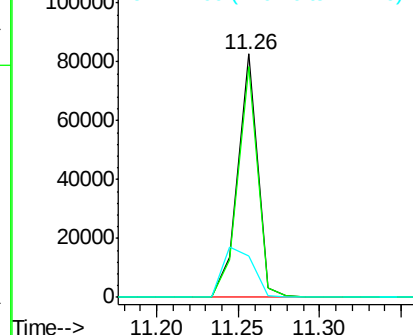
#41
 2,4,6-Tribromophenol
 Concen: 65.16 ng
 RT: 11.26 min Scan# 881
 Delta R.T. -0.00 min
 Lab File: BF079917.D
 Acq: 12 Jun 2015 3:24

Instrument :
 BNA_F
 ClientSampled :
 SHB11W

Tgt Ion:330 Resp: 68790
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.3 115.9
 141 31.3 26.8 40.2

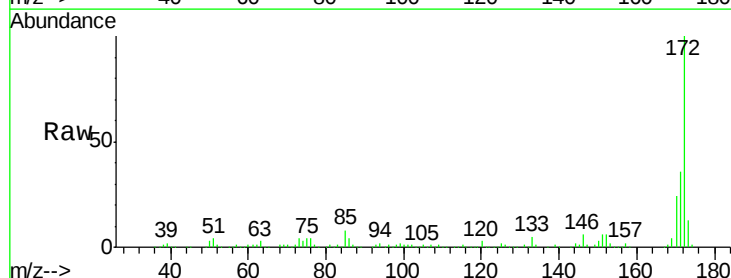


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

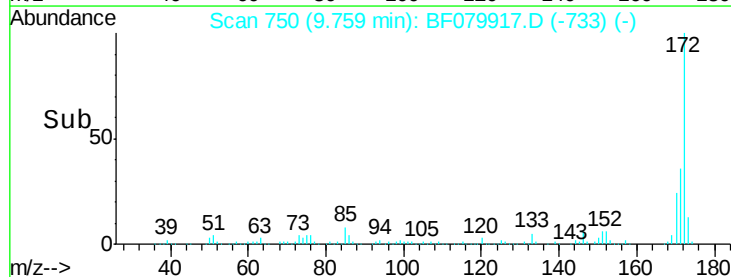
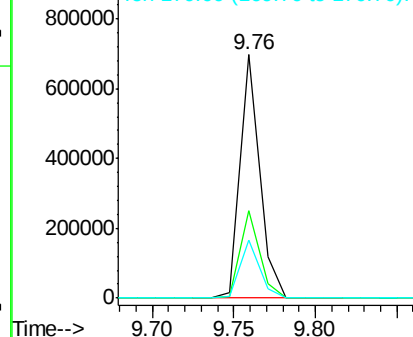


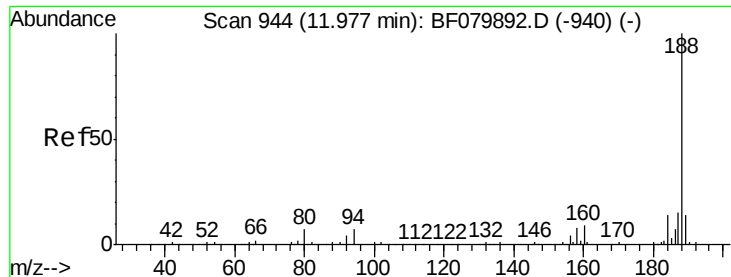
#44
 2-Fluorobiphenyl
 Concen: 68.12 ng
 RT: 9.76 min Scan# 750
 Delta R.T. -0.00 min
 Lab File: BF079917.D
 Acq: 12 Jun 2015 3:24

Tgt Ion:172 Resp: 571746
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.3 42.5
 170 24.0 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

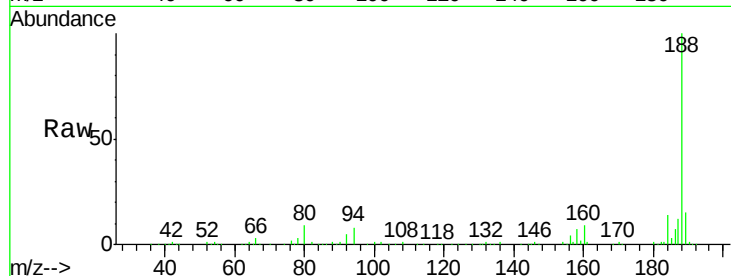




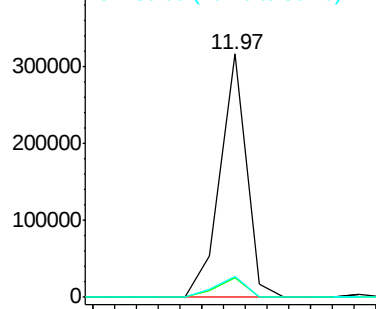
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.97 min Scan# 943
Delta R.T. -0.01 min
Lab File: BF079917.D
Acq: 12 Jun 2015 3:24

Instrument :
BNA_F
ClientSampleId :
SHB11W

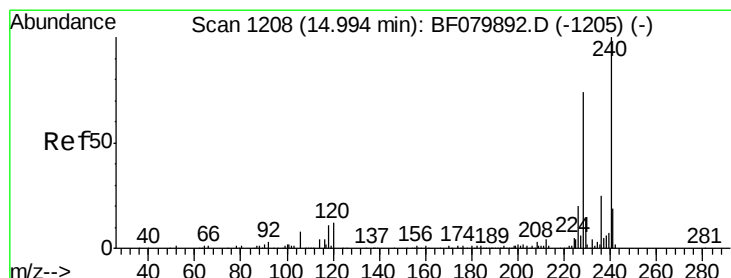
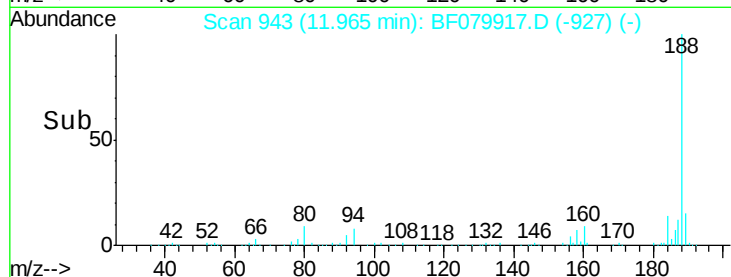
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.2	5.8	8.8
80	8.7	5.9	8.9



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

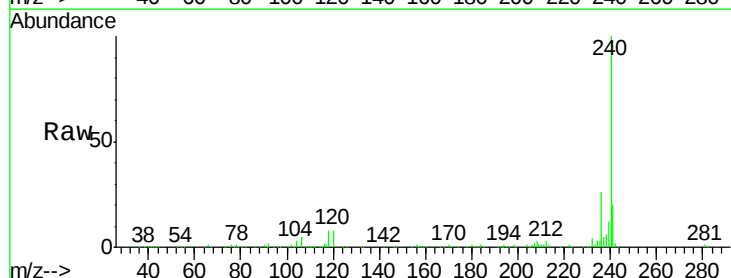


Time--> 11.90 11.95 12.00

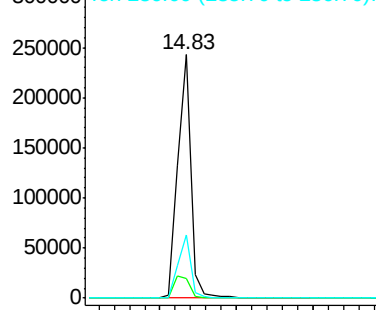


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.83 min Scan# 1194
Delta R.T. -0.16 min
Lab File: BF079917.D
Acq: 12 Jun 2015 3:24

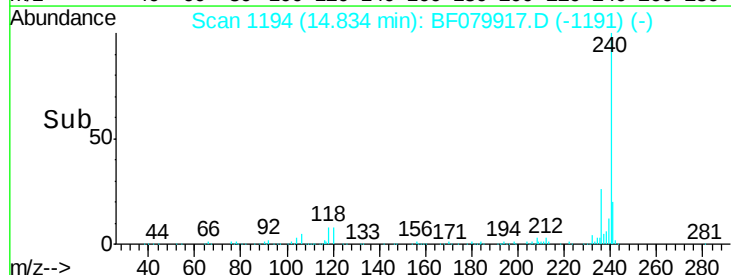
Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.9	9.4	14.2#
236	25.8	19.6	29.4

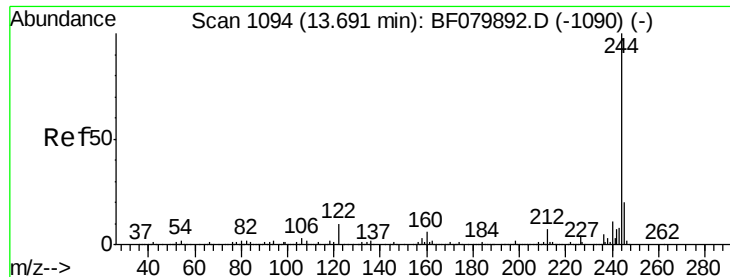


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time--> 14.80 14.90 15.00

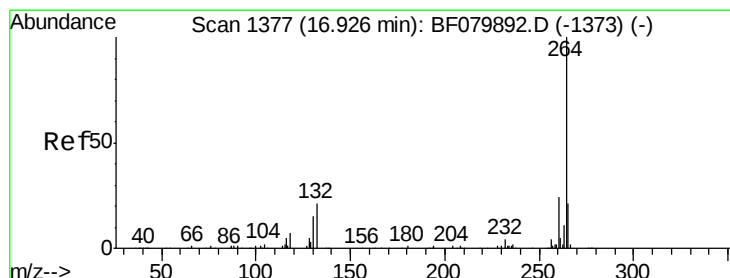
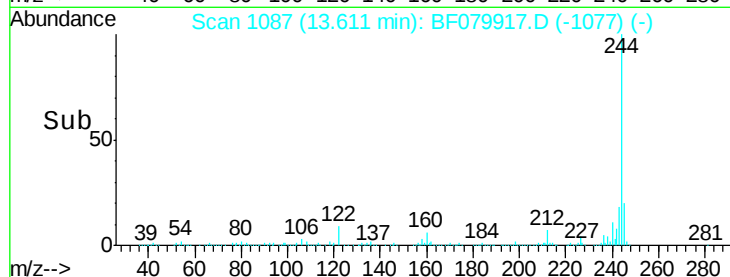
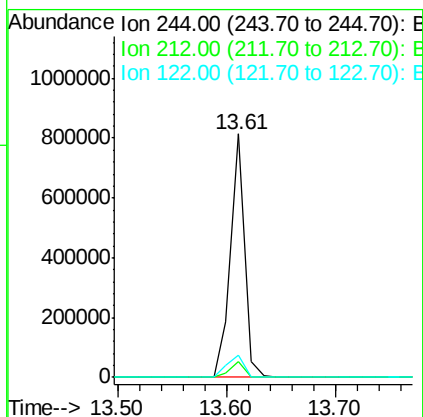
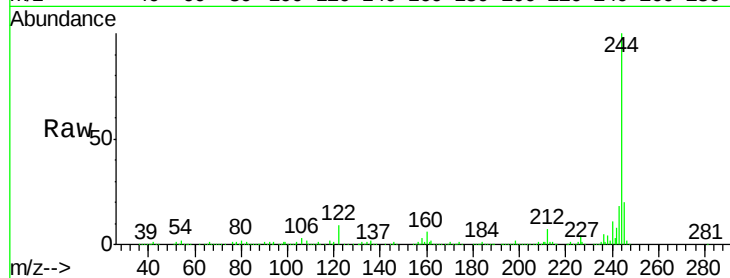




#78
 Terphenyl-d14
 Concen: 58.26 ng
 RT: 13.61 min Scan# 1087
 Delta R.T. -0.08 min
 Lab File: BF079917.D
 Acq: 12 Jun 2015 3:24

Instrument :
 BNA_F
 ClientSampleId :
 SHB11W

Tgt Ion:244 Resp: 729016
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.2
 122 9.2 7.8 11.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.69 min Scan# 1356
 Delta R.T. -0.24 min
 Lab File: BF079917.D
 Acq: 12 Jun 2015 3:24

Tgt Ion:264 Resp: 280668
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.3 28.9
 265 21.3 17.0 25.6

