

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072215\
 Data File : BF080579.D
 Acq On : 23 Jul 2015 3:31
 Operator : TP/UM
 Sample : PB84616BL
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84616BL

Quant Time: Jul 23 06:44:39 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 23 05:13:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	45145	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	169771	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	70359	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	130635	20.00	ng	0.00
75) Chrysene-d12	14.25	240	81124	20.00	ng	-0.07
86) Perylene-d12	15.89	264	52781	20.00	ng	-0.13
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	247552	97.24	ng	0.01
7) Phenol-d6	6.57	99	308789	98.49	ng	0.00
23) Nitrobenzene-d5	7.52	82	186697	70.83	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	48744	94.76	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	341978	69.89	ng	0.00
78) Terphenyl-d14	13.10	244	287723	72.73	ng	-0.02

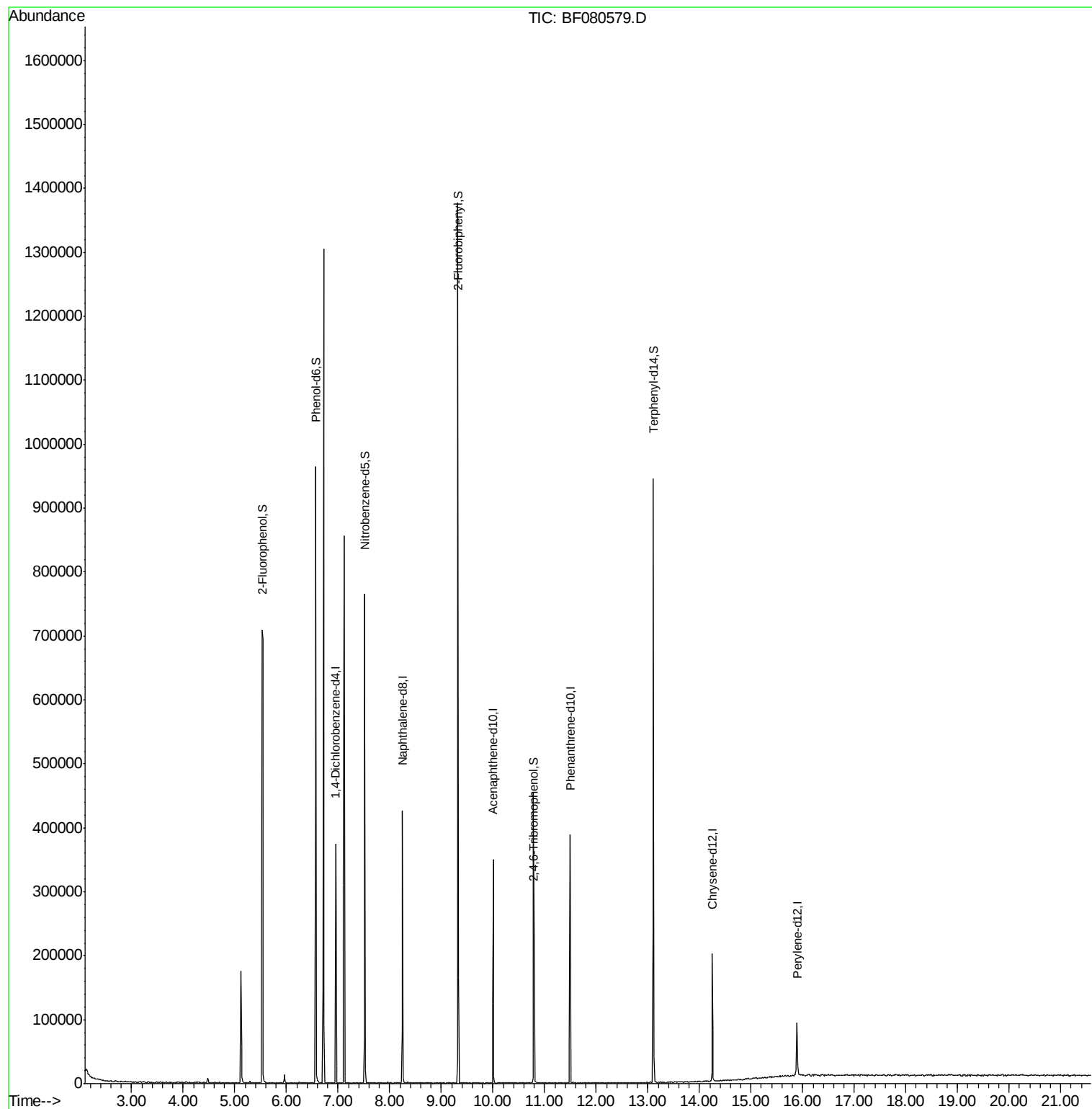
Target Compounds	Qvalue
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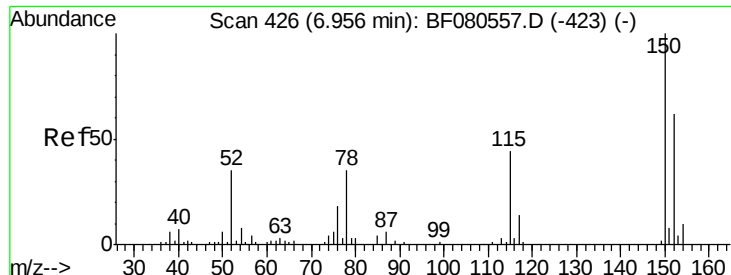
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.96 min Scan# 426

Delta R.T. 0.00 min

Lab File: BF080579.D

Acq: 23 Jul 2015 3:31

Instrument :

BNA_F

ClientSampleId :

PB84616BL

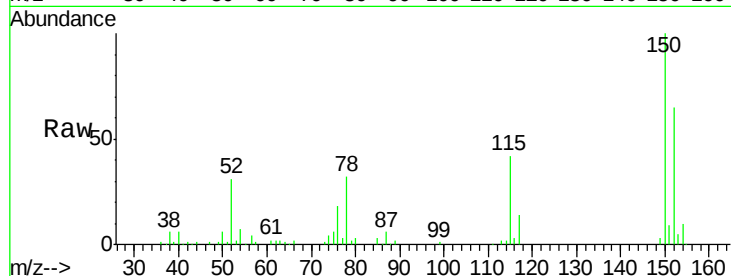
Tgt Ion:152 Resp: 45145

Ion Ratio Lower Upper

152 100

150 154.6 128.7 193.1

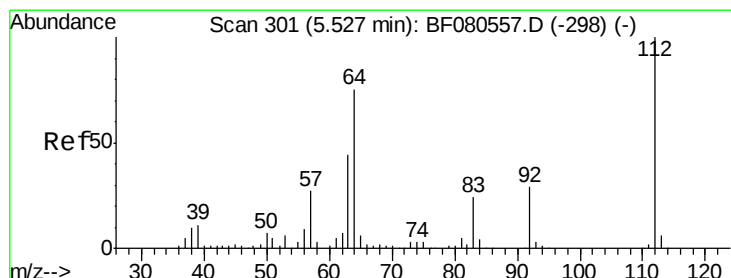
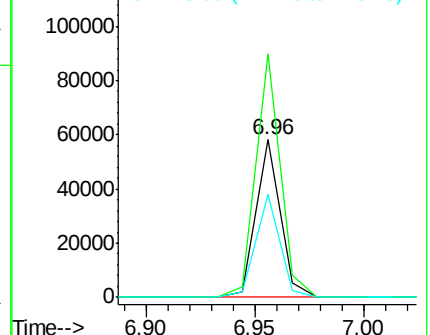
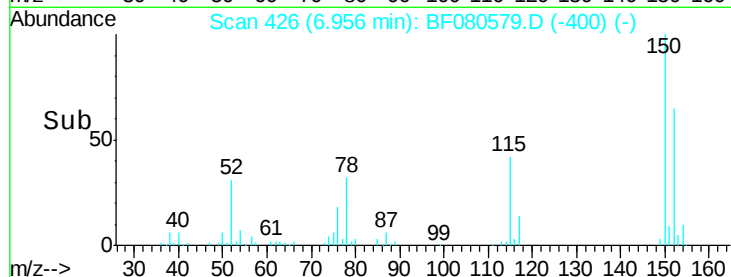
115 65.7 56.8 85.2



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: 97.24 ng

RT: 5.54 min Scan# 302

Delta R.T. 0.01 min

Lab File: BF080579.D

Acq: 23 Jul 2015 3:31

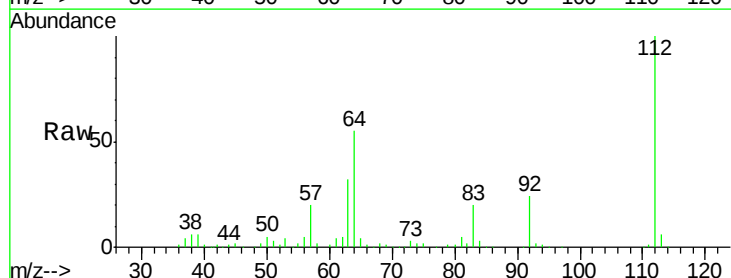
Tgt Ion:112 Resp: 247552

Ion Ratio Lower Upper

112 100

64 54.9 60.2 90.2#

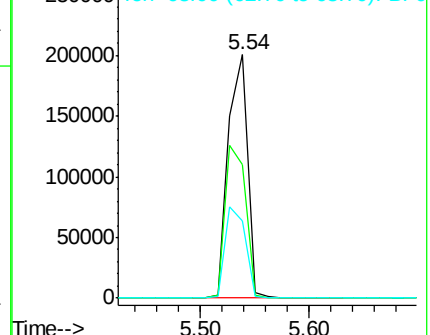
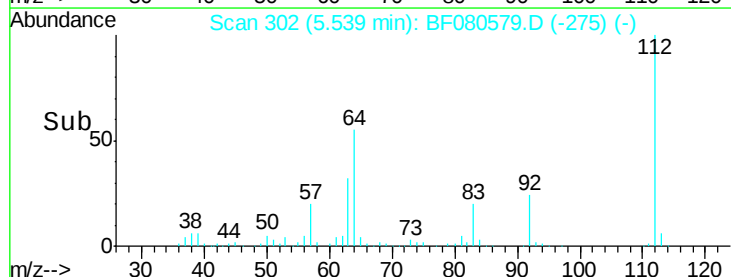
63 31.7 34.8 52.2#

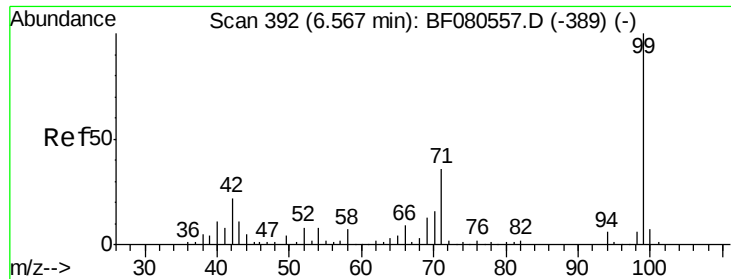


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 98.49 ng

RT: 6.57 min Scan# 392

Delta R.T. -0.00 min

Lab File: BF080579.D

Acq: 23 Jul 2015 3:31

Instrument :

BNA_F

ClientSampleId :

PB84616BL

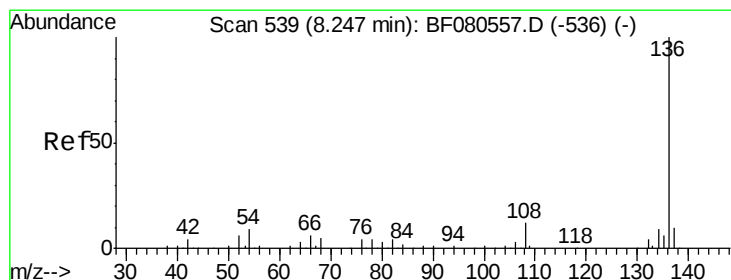
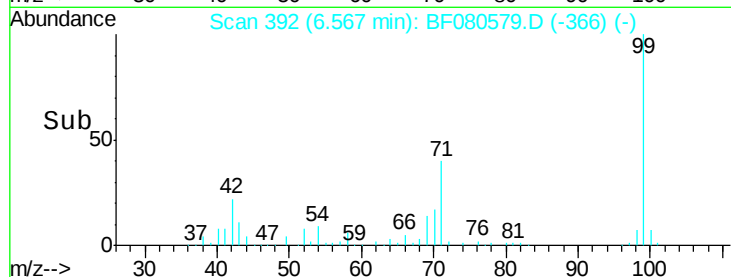
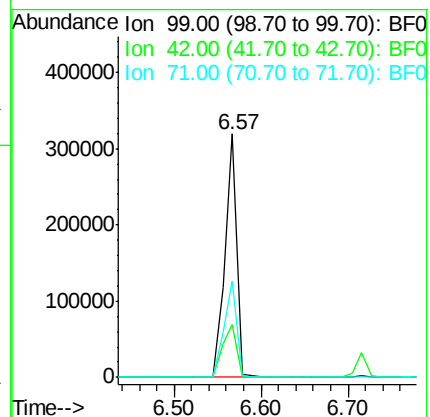
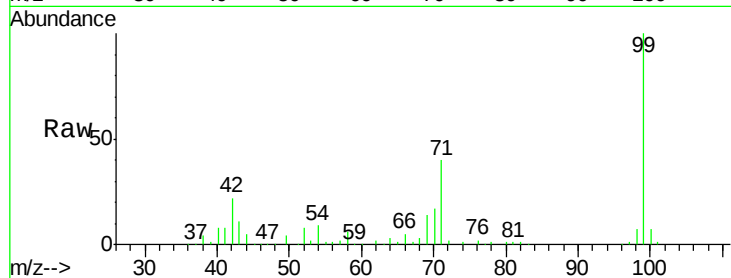
Tgt Ion: 99 Resp: 308789

Ion Ratio Lower Upper

99 100

42 21.8 17.4 26.2

71 39.8 29.0 43.6



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.25 min Scan# 539

Delta R.T. -0.00 min

Lab File: BF080579.D

Acq: 23 Jul 2015 3:31

Tgt Ion: 136 Resp: 169771

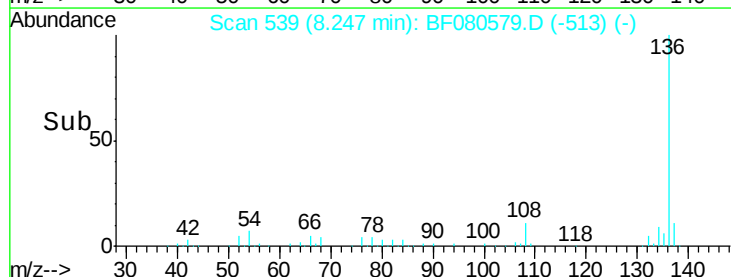
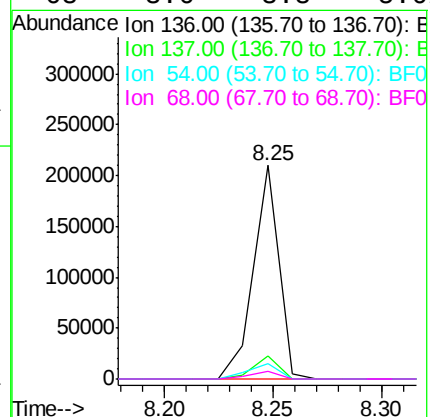
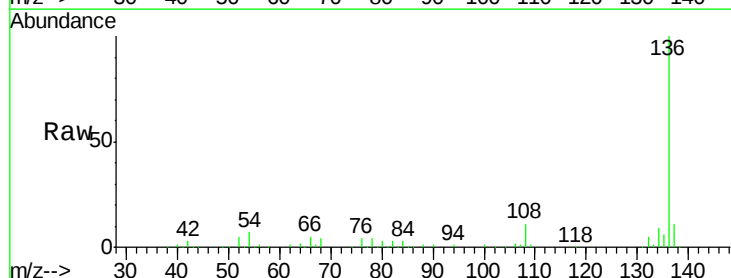
Ion Ratio Lower Upper

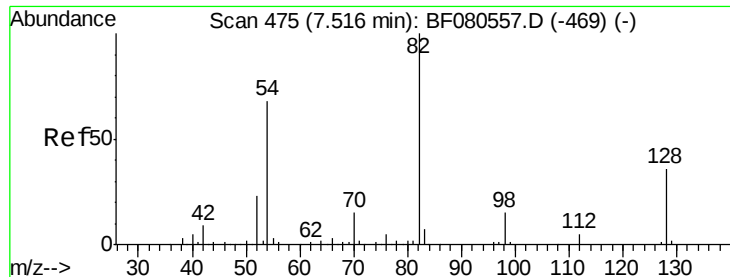
136 100

137 10.5 7.8 11.8

54 7.3 7.2 10.8

68 3.6 3.8 5.6#

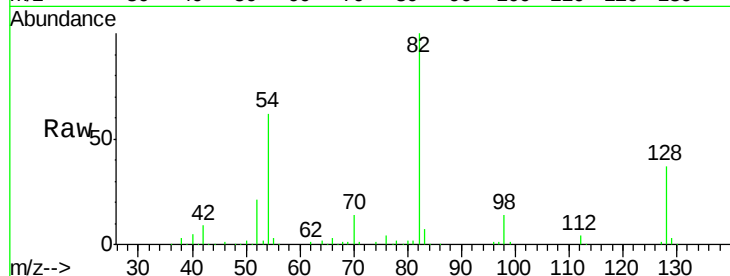




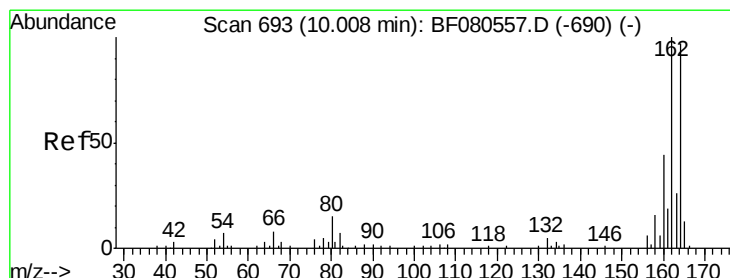
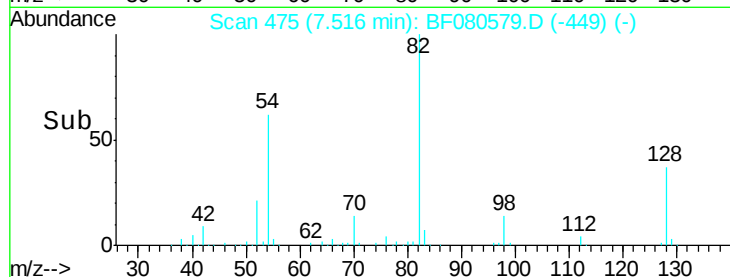
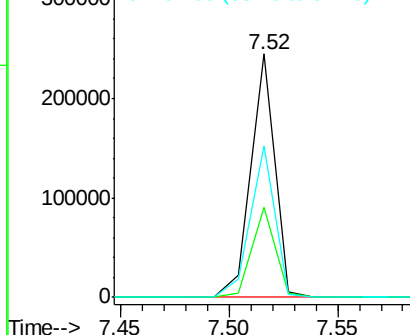
#23
 Nitrobenzene-d5
 Concen: 70.83 ng
 RT: 7.52 min Scan# 475
 Delta R.T. 0.00 min
 Lab File: BF080579.D
 Acq: 23 Jul 2015 3:31

Instrument :
 BNA_F
 ClientSampleId :
 PB84616BL

Tgt Ion	Ratio	Lower	Upper
82	100		
128	36.8	28.9	43.3
54	62.5	54.5	81.7

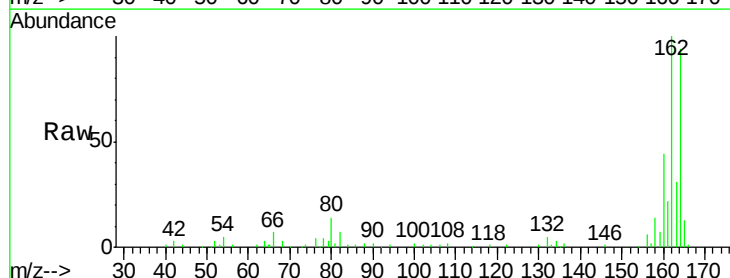


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

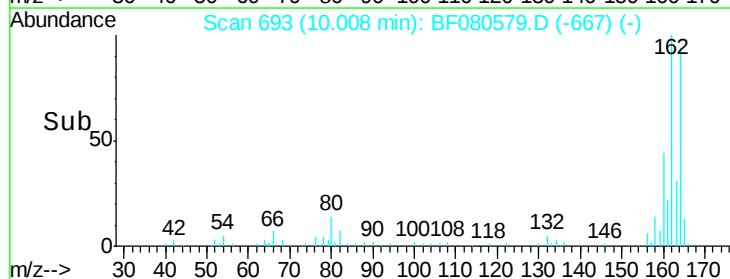
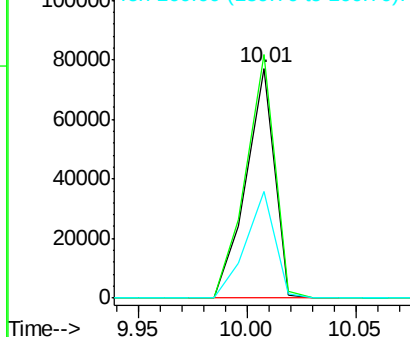


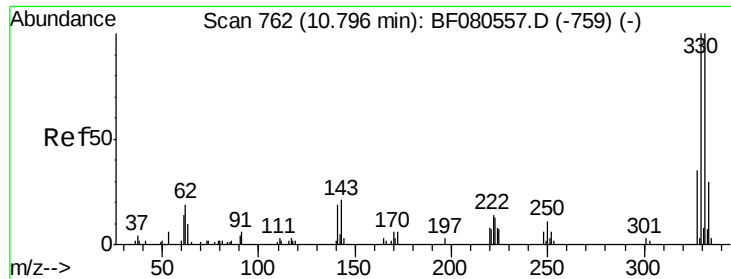
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.01 min Scan# 693
 Delta R.T. -0.00 min
 Lab File: BF080579.D
 Acq: 23 Jul 2015 3:31

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.9	82.2	123.4
160	46.5	36.1	54.1



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

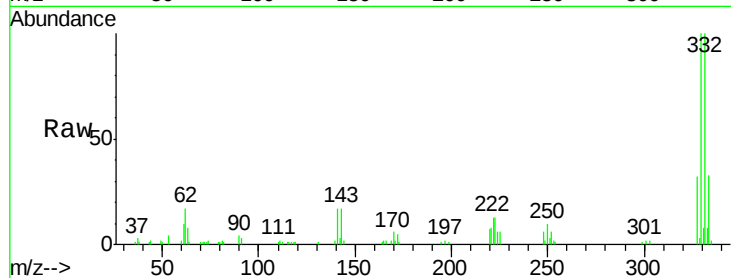




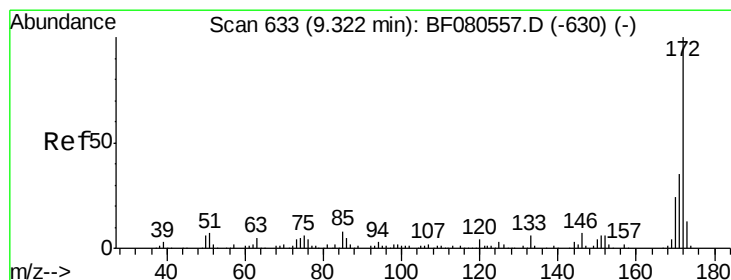
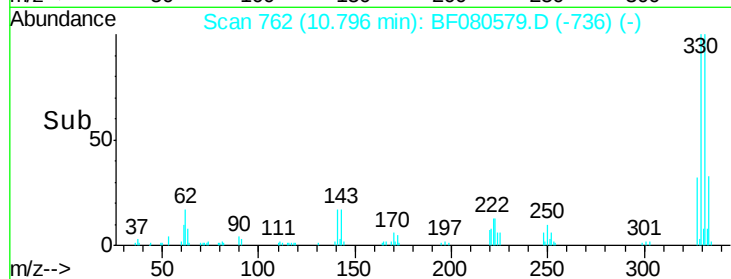
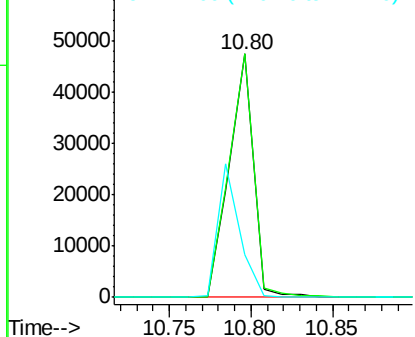
#41
 2,4,6-Tribromophenol
 Concen: 94.76 ng
 RT: 10.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BF080579.D
 Acq: 23 Jul 2015 3:31

Instrument :
 BNA_F
 ClientSampleId :
 PB84616BL

Tgt Ion:330 Resp: 48744
 Ion Ratio Lower Upper
 330 100
 332 101.4 78.3 117.5
 141 49.4 37.9 56.9

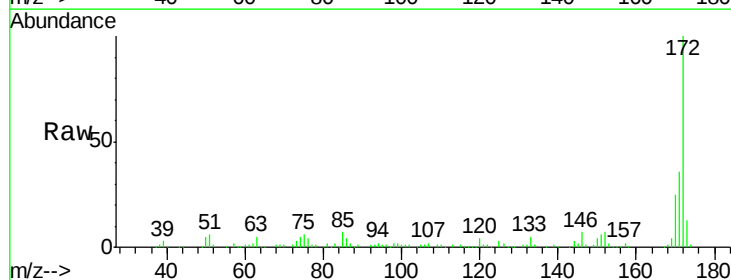


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

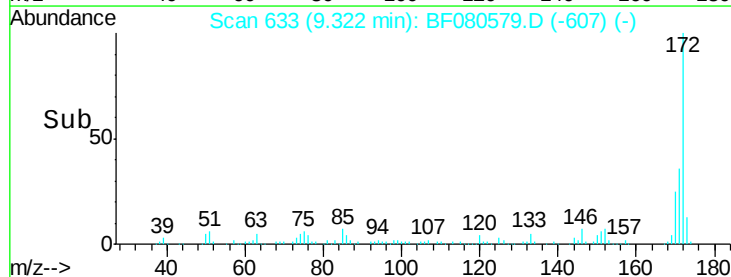
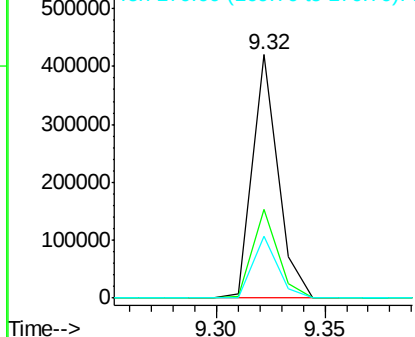


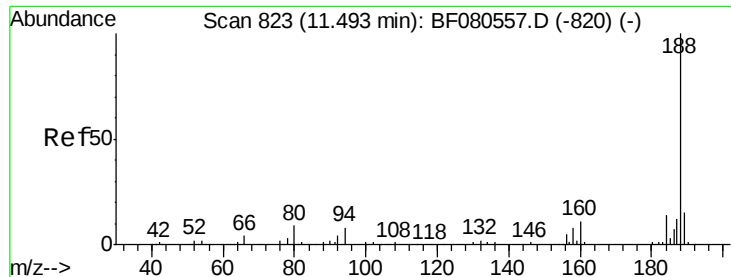
#44
 2-Fluorobiphenyl
 Concen: 69.89 ng
 RT: 9.32 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: BF080579.D
 Acq: 23 Jul 2015 3:31

Tgt Ion:172 Resp: 341978
 Ion Ratio Lower Upper
 172 100
 171 36.3 27.7 41.5
 170 25.5 19.1 28.7



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

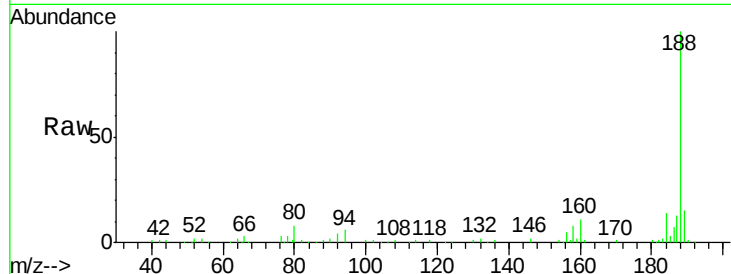




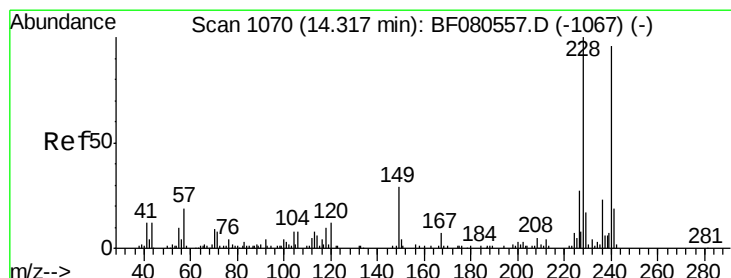
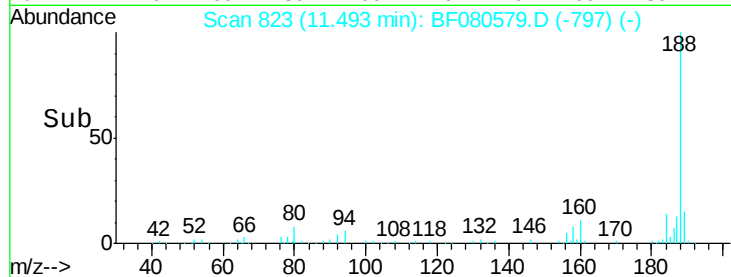
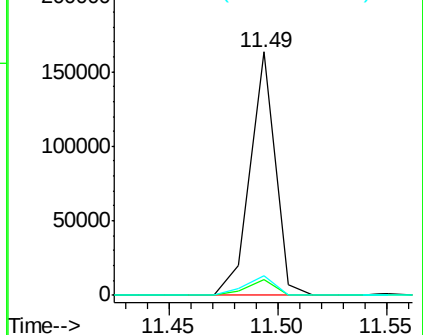
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 823
Delta R.T. -0.00 min
Lab File: BF080579.D
Acq: 23 Jul 2015 3:31

Instrument :
BNA_F
ClientSampleId :
PB84616BL

Tgt Ion:188 Resp: 130635
Ion Ratio Lower Upper
188 100
94 6.3 6.1 9.1
80 8.0 7.0 10.6

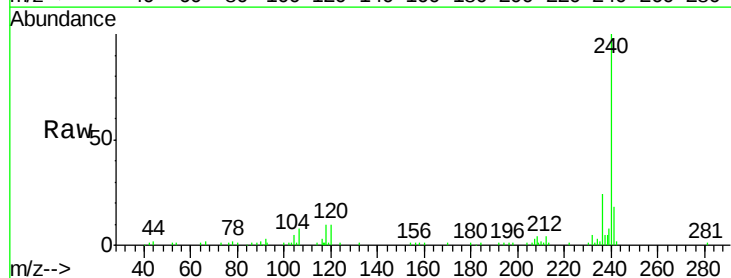


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

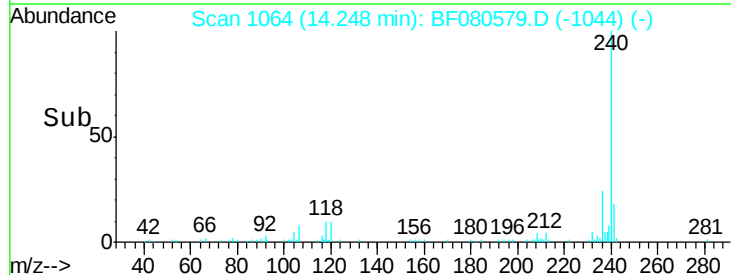
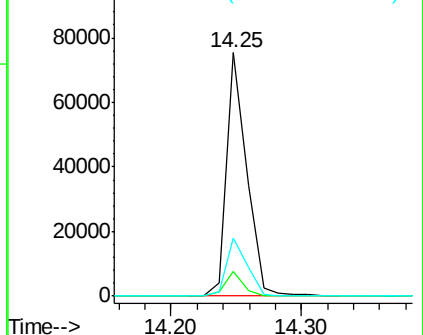


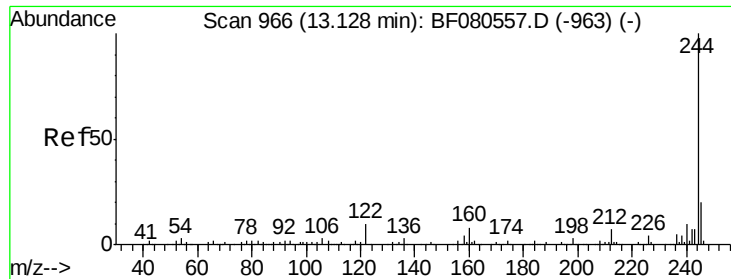
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.25 min Scan# 1064
Delta R.T. -0.07 min
Lab File: BF080579.D
Acq: 23 Jul 2015 3:31

Tgt Ion:240 Resp: 81124
Ion Ratio Lower Upper
240 100
120 10.1 9.9 14.9
236 23.8 19.1 28.7



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

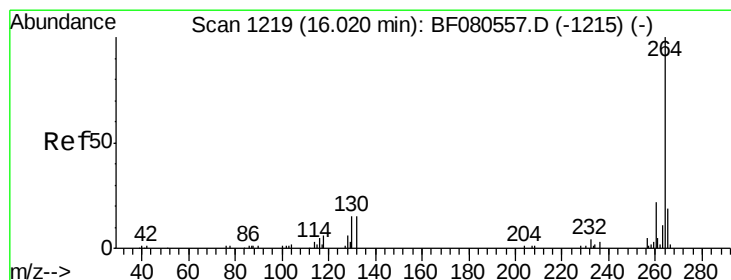
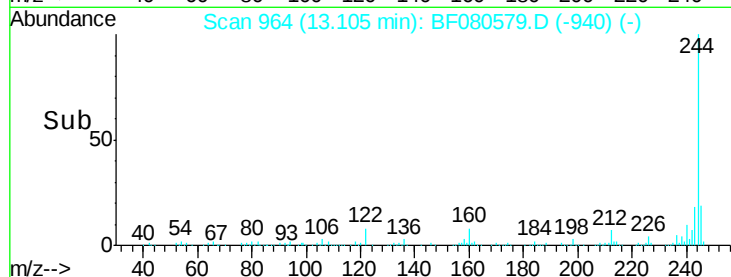
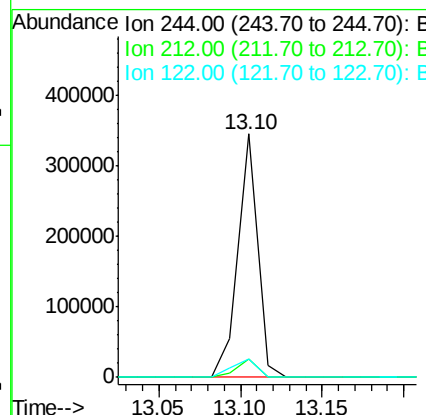
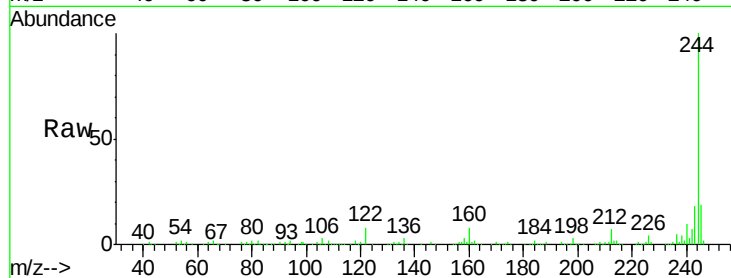




#78
 Terphenyl-d14
 Concen: 72.73 ng
 RT: 13.10 min Scan# 964
 Delta R.T. -0.02 min
 Lab File: BF080579.D
 Acq: 23 Jul 2015 3:31

Instrument :
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 ClientSampleId :
 PB84616BL

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	7.7	8.2	12.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.89 min Scan# 1208
 Delta R.T. -0.13 min
 Lab File: BF080579.D
 Acq: 23 Jul 2015 3:31

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.2	17.8	26.8
265	21.2	15.6	23.4

