

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052915\
 Data File : BF079563.D
 Acq On : 29 May 2015 16:33
 Operator : TP/IZ
 Sample : PB83635BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83635BL

Quant Time: May 29 23:51:11 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	92195	20.00	ng	0.00
21) Naphthalene-d8	8.52	136	367830	20.00	ng	-0.01
38) Acenaphthene-d10	10.70	164	181904	20.00	ng	0.00
63) Phenanthrene-d10	12.53	188	346253	20.00	ng	0.00
75) Chrysene-d12	15.81	240	318898	20.00	ng	-0.07
86) Perylene-d12	17.59	264	314989	20.00	ng	-0.22
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	585558	110.16	ng	0.00
7) Phenol-d6	6.55	99	721181	106.45	ng	0.00
23) Nitrobenzene-d5	7.66	82	411250	64.63	ng	0.00
41) 2,4,6-Tribromophenol	11.68	330	223439	111.83	ng	0.00
44) 2-Fluorobiphenyl	9.87	172	836409	65.60	ng	-0.01
78) Terphenyl-d14	14.53	244	948512	69.80	ng	0.00

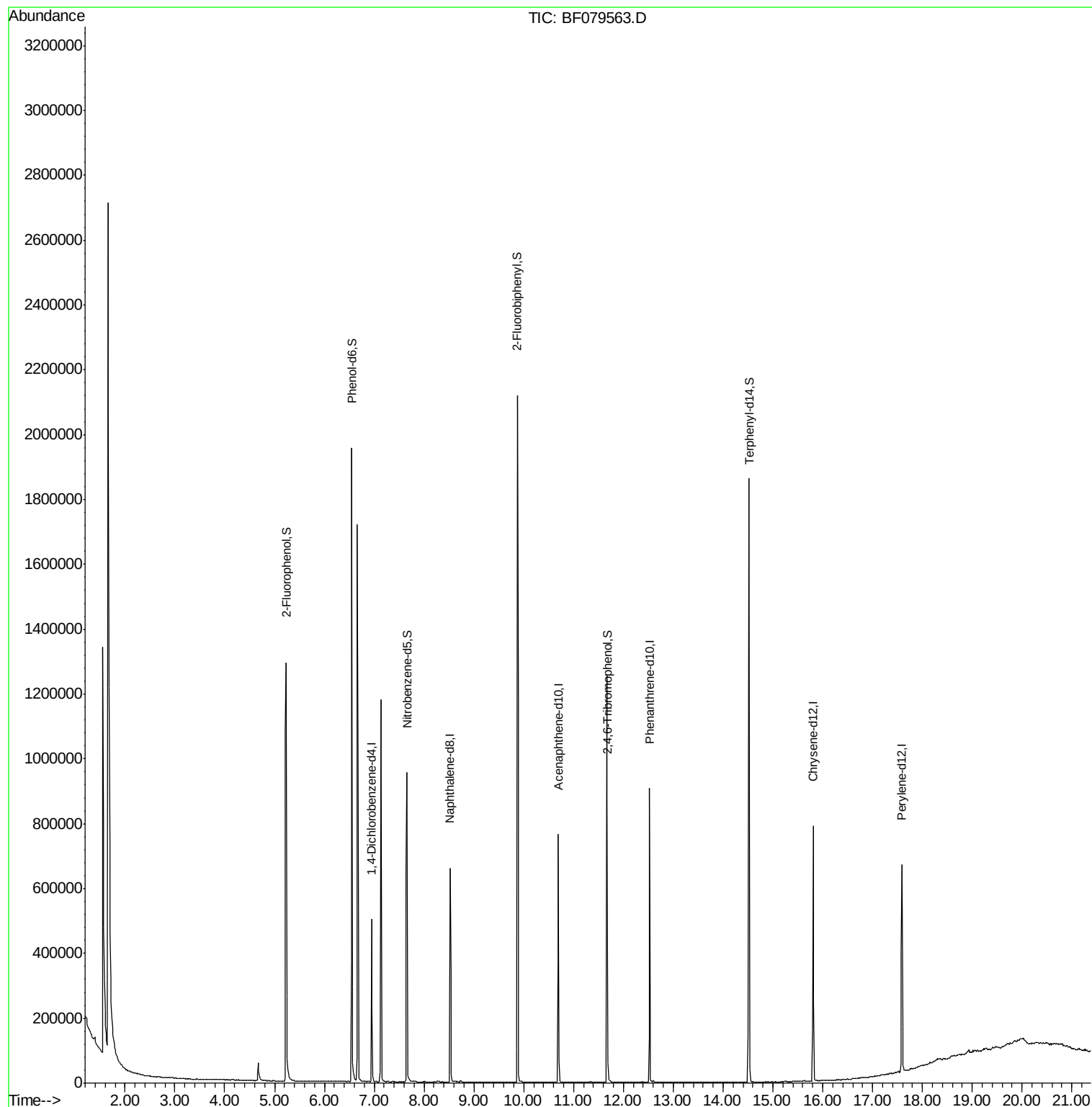
Target Compounds Qvalue

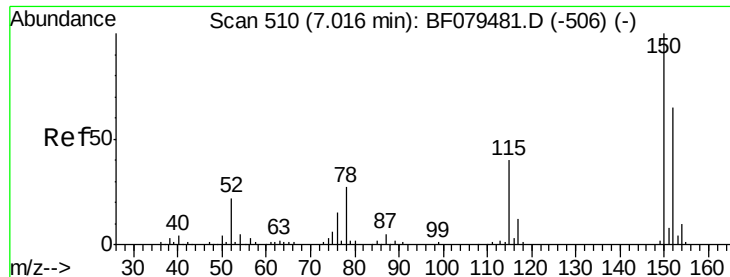
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF079563.D

Acq: 29 May 2015 16:33

Instrument :

BNA_F

ClientSampleId :

PB83635BL

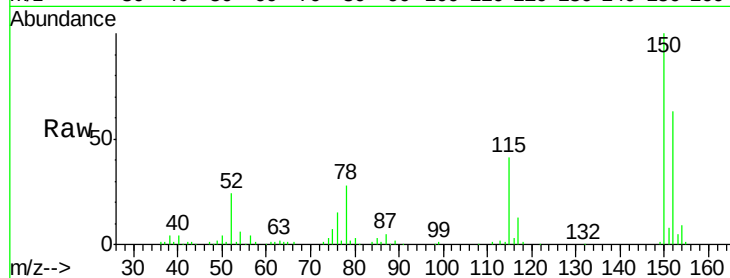
Tot Ion:152 Resp: 92195

Ion Ratio Lower Upper

152 100

150 158.0 124.0 186.0

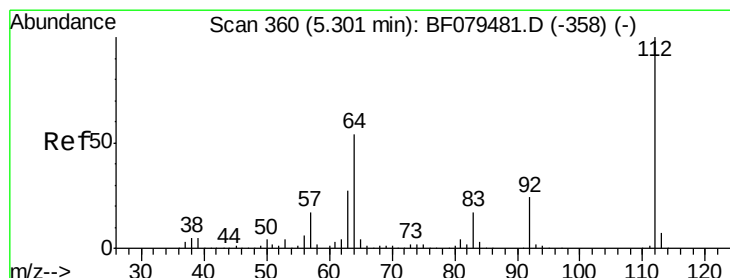
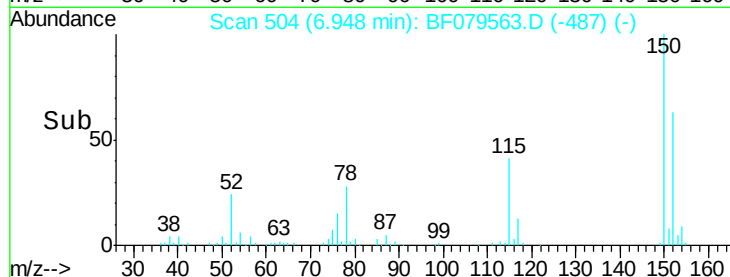
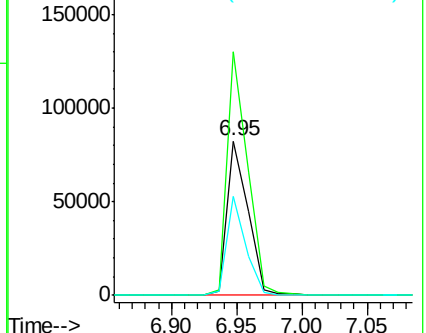
115 64.3 49.6 74.4



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: 110.16 ng

RT: 5.23 min Scan# 354

Delta R.T. 0.00 min

Lab File: BF079563.D

Acq: 29 May 2015 16:33

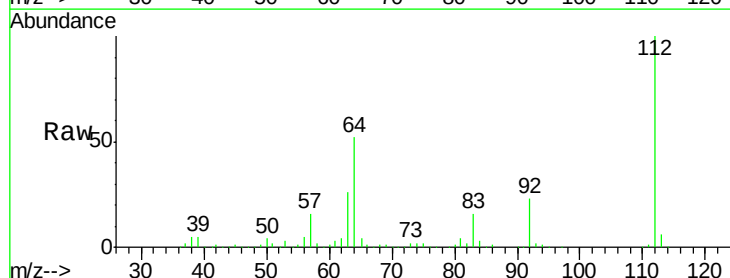
Tgt Ion:112 Resp: 585558

Ion Ratio Lower Upper

112 100

64 51.8 43.5 65.3

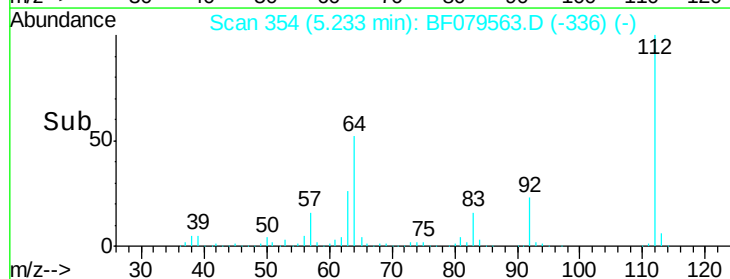
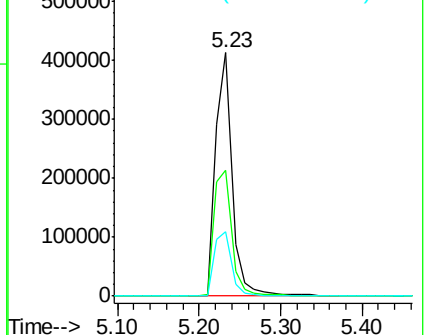
63 26.5 21.8 32.8

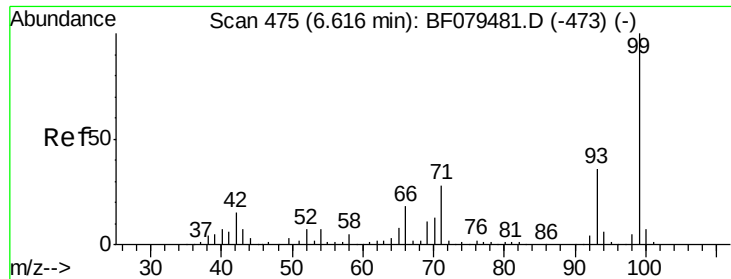


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 106.45 ng

RT: 6.55 min Scan# 469

Delta R.T. 0.00 min

Lab File: BF079563.D

Acq: 29 May 2015 16:33

Instrument :

BNA_F

ClientSampleId :

PB83635BL

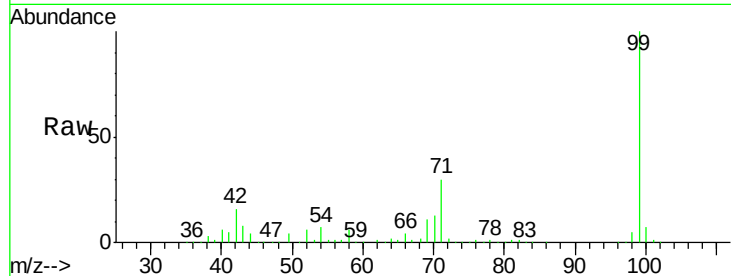
Tot Ion: 99 Resp: 721181

Ion Ratio Lower Upper

99 100

42 16.0 11.9 17.9

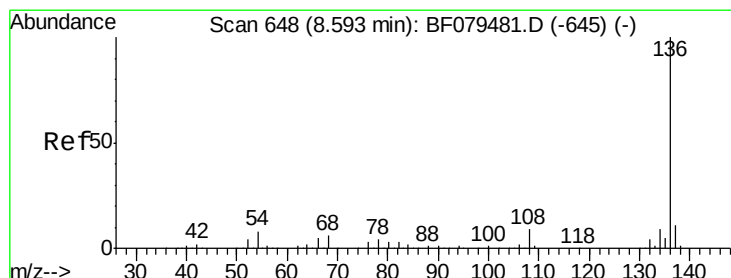
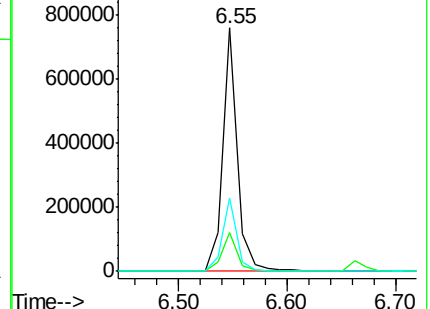
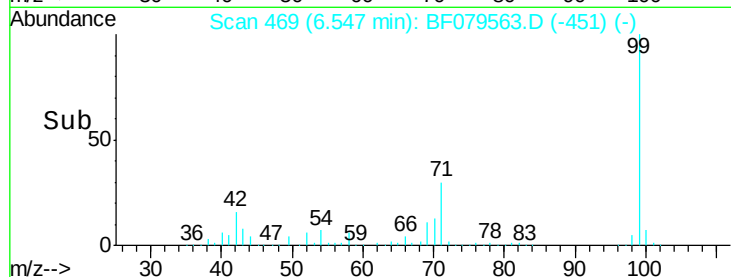
71 29.9 22.1 33.1



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: BF079563.D

Acq: 29 May 2015 16:33

Tgt Ion: 136 Resp: 367830

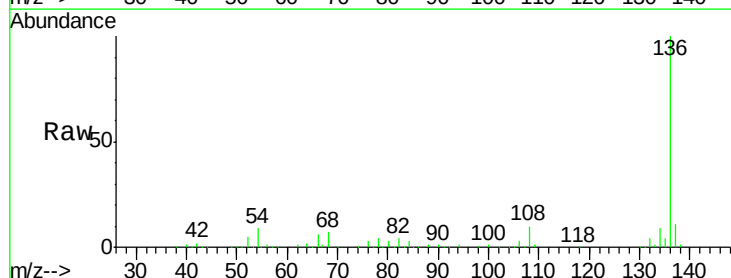
Ion Ratio Lower Upper

136 100

137 11.3 8.5 12.7

54 9.1 6.6 9.8

68 6.7 4.7 7.1

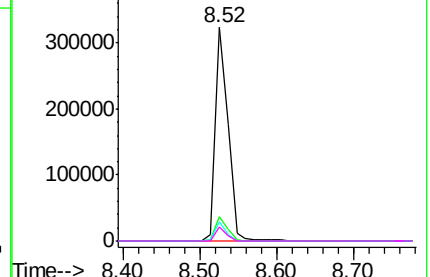
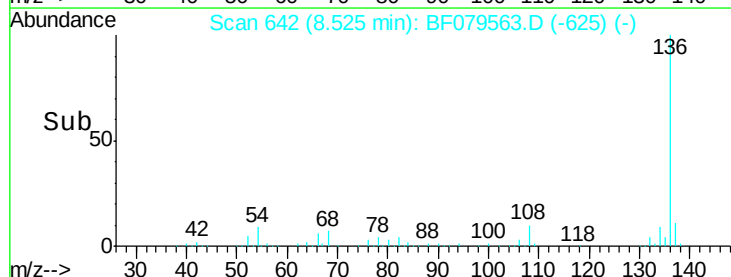


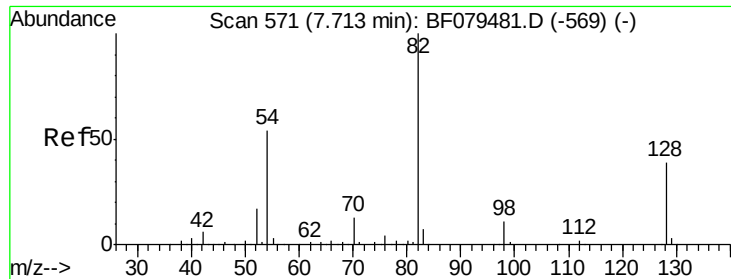
Abundance Ion 136.00 (135.70 to 136.70): E

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

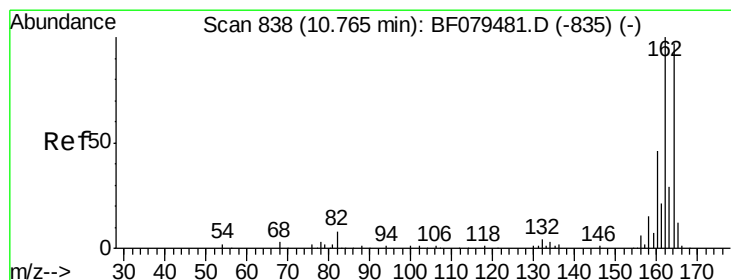
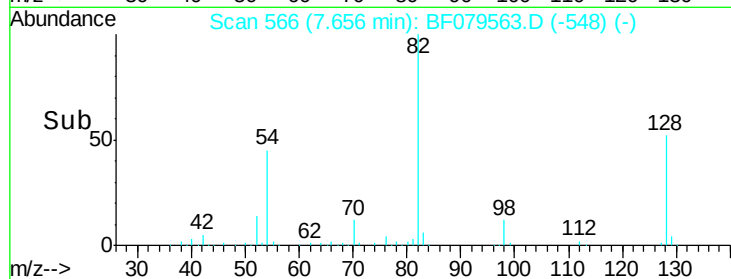
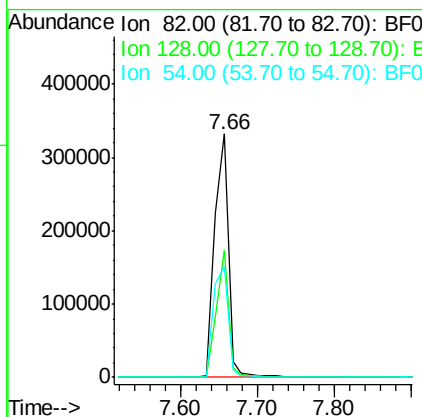
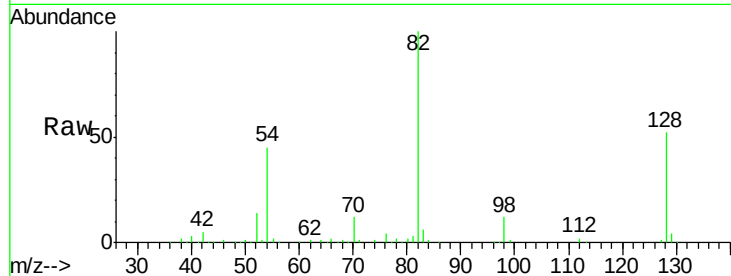




#23
 Nitrobenzene-d5
 Concen: 64.63 ng
 RT: 7.66 min Scan# 566
 Delta R.T. 0.00 min
 Lab File: BF079563.D
 Acq: 29 May 2015 16:33

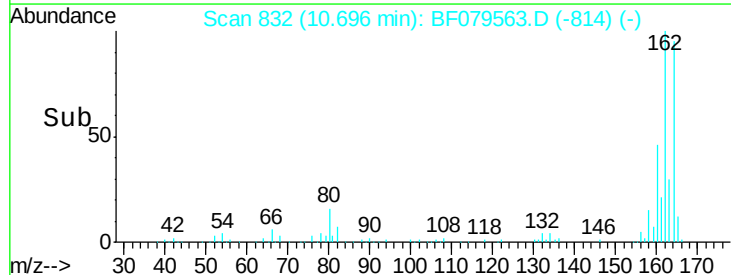
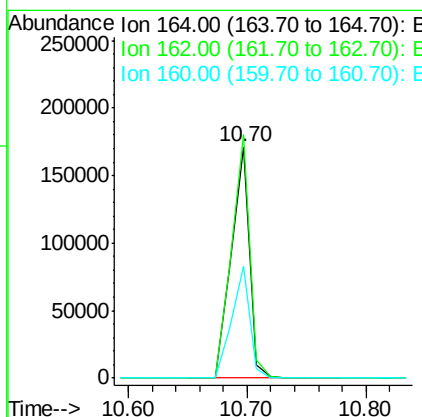
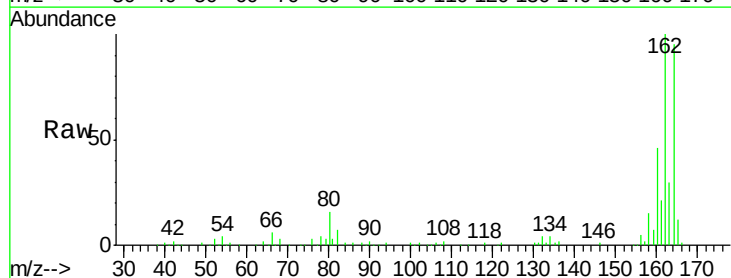
Instrument :
 BNA_F
 ClientSampleId :
 PB83635BL

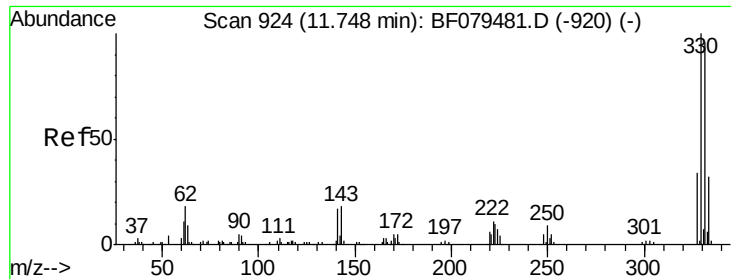
Tot Ion: 82 Resp: 411250
 Ion Ratio Lower Upper
 82 100
 128 52.5 30.8 46.2#
 54 45.2 42.8 64.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.70 min Scan# 832
 Delta R.T. 0.00 min
 Lab File: BF079563.D
 Acq: 29 May 2015 16:33

Tgt Ion: 164 Resp: 181904
 Ion Ratio Lower Upper
 164 100
 162 105.3 82.6 124.0
 160 48.3 37.7 56.5

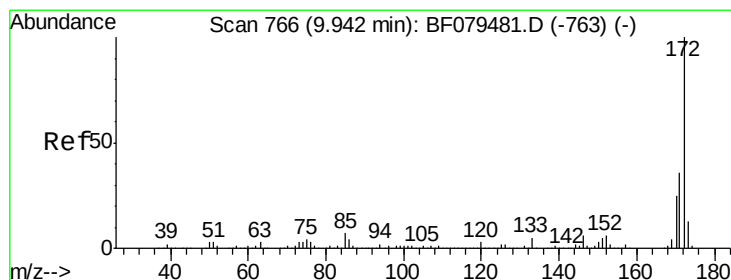
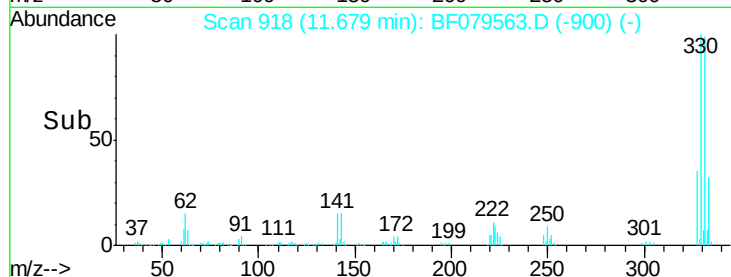
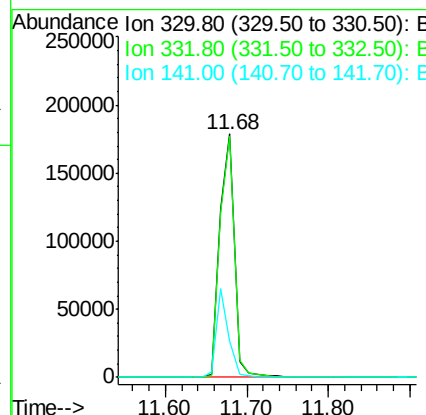
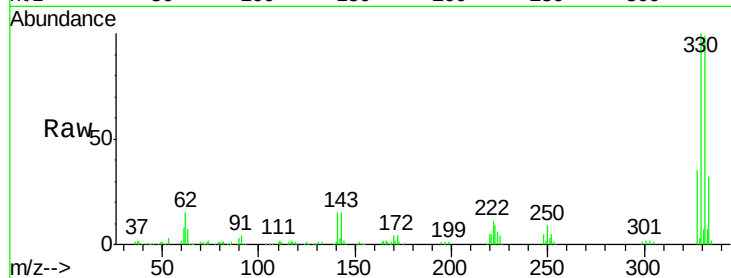




#41
 2,4,6-Tribromophenol
 Concen: 111.83 ng
 RT: 11.68 min Scan# 918
 Delta R.T. 0.00 min
 Lab File: BF079563.D
 Acq: 29 May 2015 16:33

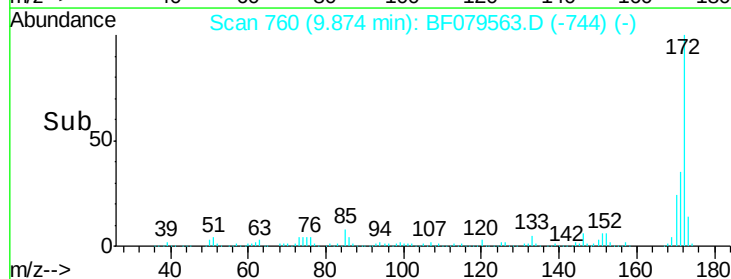
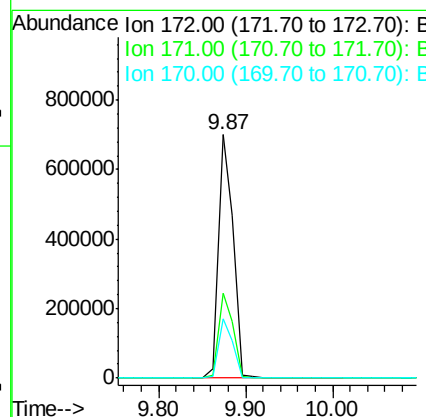
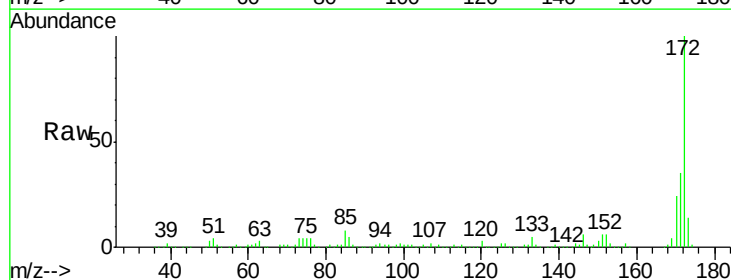
Instrument :
 BNA_F
 ClientSampleId :
 PB83635BL

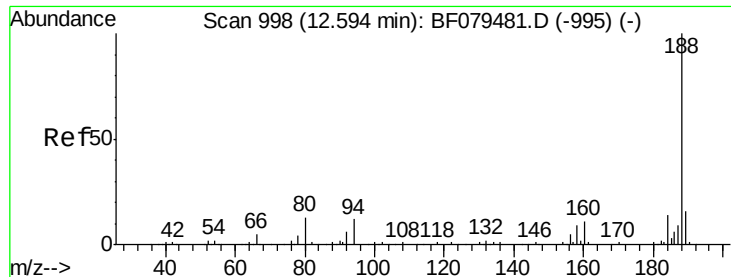
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.5	0.0	0.0#
141	30.6	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 65.60 ng
 RT: 9.87 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF079563.D
 Acq: 29 May 2015 16:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.5	42.7
170	24.3	19.7	29.5

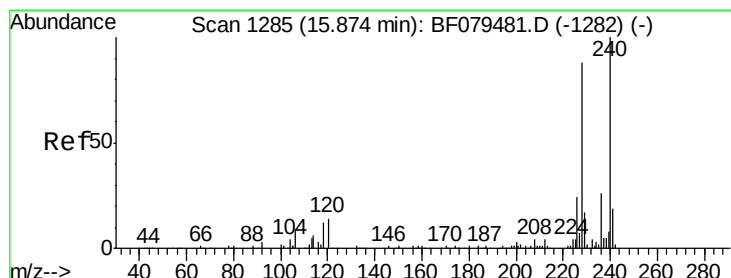
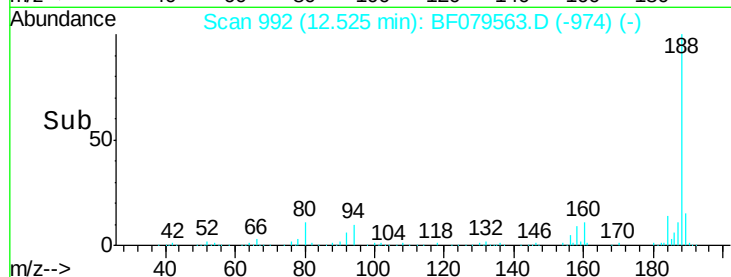
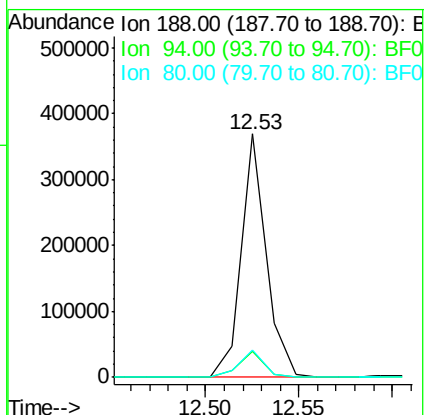
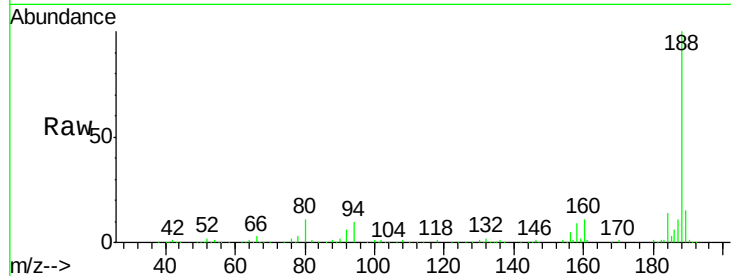




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.53 min Scan# 992
Delta R.T. 0.00 min
Lab File: BF079563.D
Acq: 29 May 2015 16:33

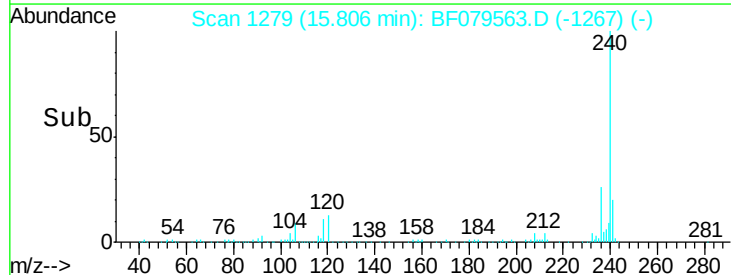
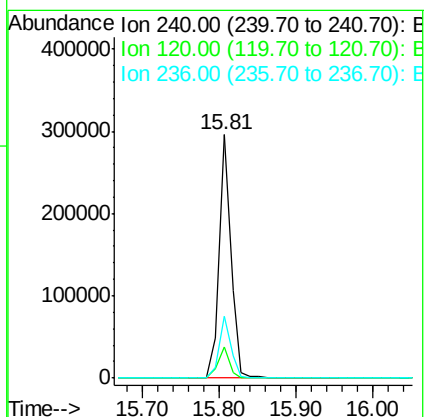
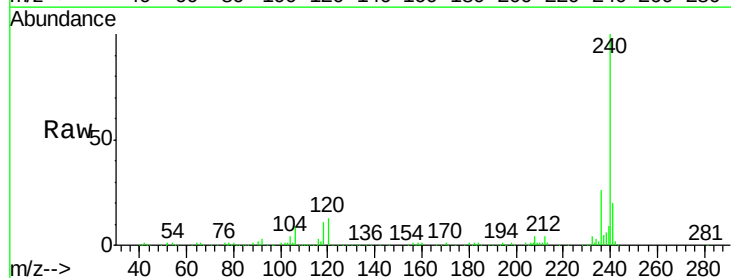
Instrument :
BNA_F
ClientSampled :
PB83635BL

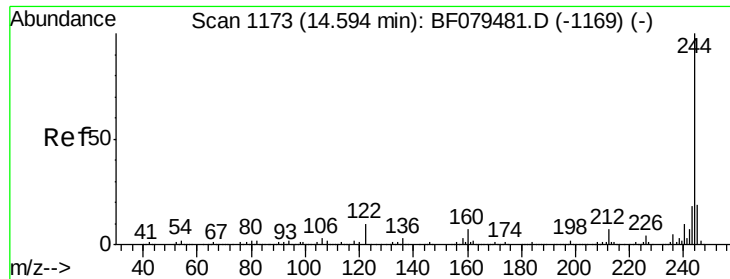
Tot Ion:188 Resp: 346253
Ion Ratio Lower Upper
188 100
94 10.4 9.8 14.6
80 11.1 10.5 15.7



#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.81 min Scan# 1279
Delta R.T. -0.07 min
Lab File: BF079563.D
Acq: 29 May 2015 16:33

Tgt Ion:240 Resp: 318898
Ion Ratio Lower Upper
240 100
120 12.5 10.8 16.2
236 25.6 21.0 31.6

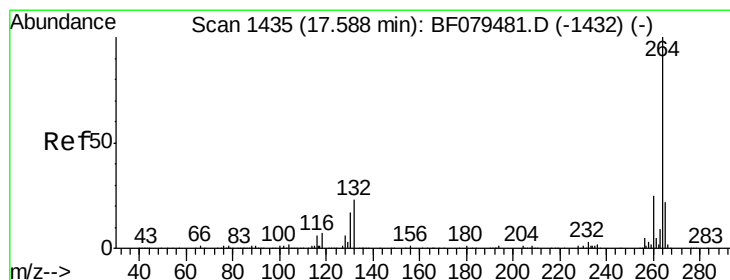
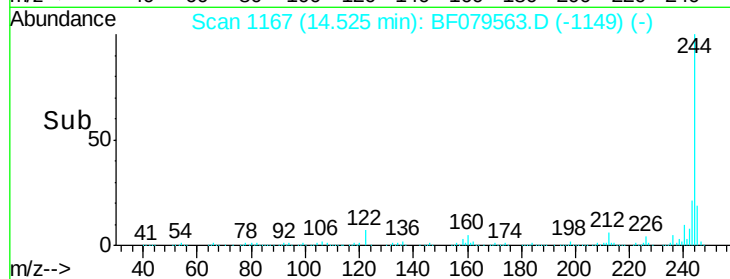
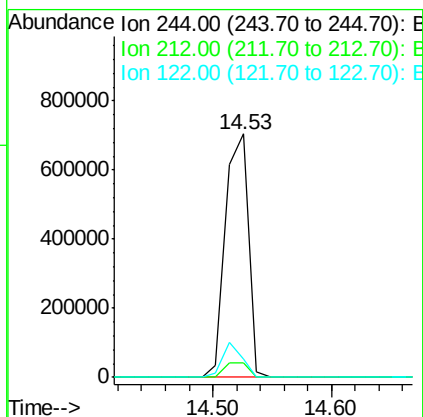
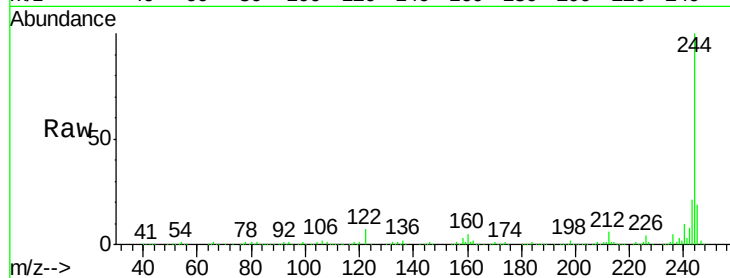




#78
 Terphenyl-d14
 Concen: 69.80 ng
 RT: 14.53 min Scan# 1167
 Delta R.T. 0.00 min
 Lab File: BF079563.D
 Acq: 29 May 2015 16:33

Instrument :
 BNA_F
 ClientSampleId :
 PB83635BL

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.0	5.2	7.8
122	7.3	8.0	12.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.59 min Scan# 1435
 Delta R.T. -0.22 min
 Lab File: BF079563.D
 Acq: 29 May 2015 16:33

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.8	29.8
265	21.7	17.8	26.6

