

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052915\
 Data File : BF079562.D
 Acq On : 29 May 2015 16:04
 Operator : TP/IZ
 Sample : PB83625TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83625TB

Quant Time: May 29 23:49:15 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	88489	20.00	ng	0.00
21) Naphthalene-d8	8.52	136	359044	20.00	ng	-0.01
38) Acenaphthene-d10	10.70	164	178648	20.00	ng	0.00
63) Phenanthrene-d10	12.53	188	345418	20.00	ng	0.00
75) Chrysene-d12	15.83	240	311637	20.00	ng	-0.05
86) Perylene-d12	17.68	264	308952	20.00	ng	-0.13
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	599707	117.55	ng	0.00
7) Phenol-d6	6.55	99	745301	114.61	ng	0.00
23) Nitrobenzene-d5	7.66	82	426398	68.65	ng	0.00
41) 2,4,6-Tribromophenol	11.68	330	236887	120.72	ng	0.00
44) 2-Fluorobiphenyl	9.87	172	863954	69.00	ng	-0.01
78) Terphenyl-d14	14.53	244	939605	70.76	ng	0.00

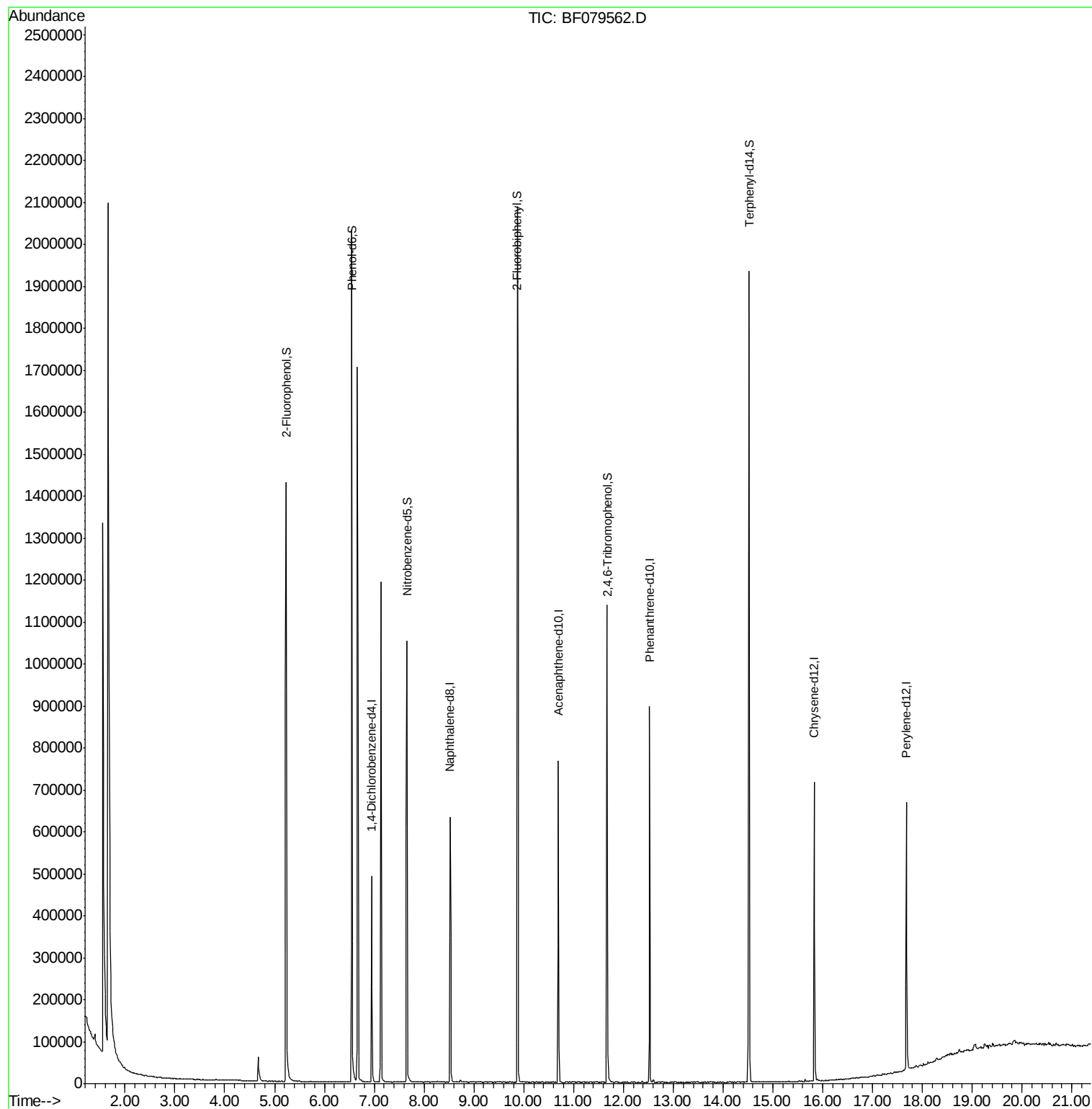
Target Compounds Qvalue

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

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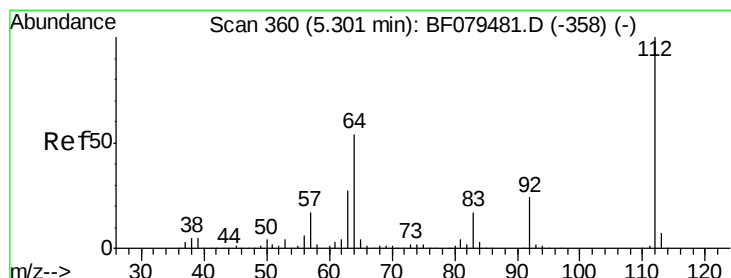
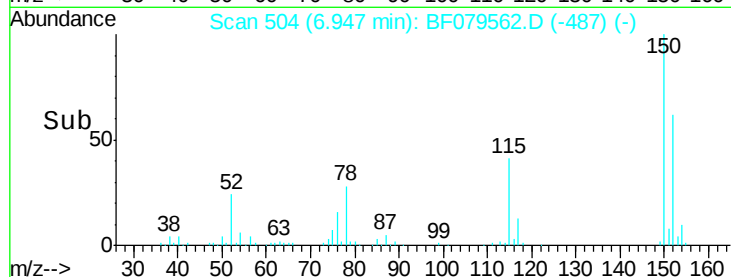
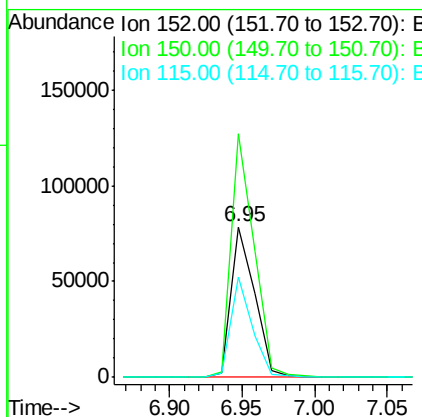
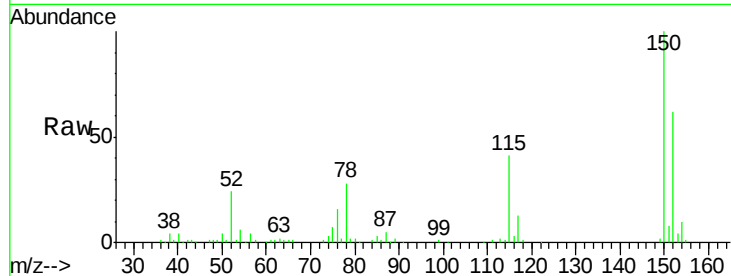


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.95 min Scan# 504
Delta R.T. -0.00 min
Lab File: BF079562.D
Acq: 29 May 2015 16:04

Instrument :
BNA_F
ClientSampleId :
PB83625TB

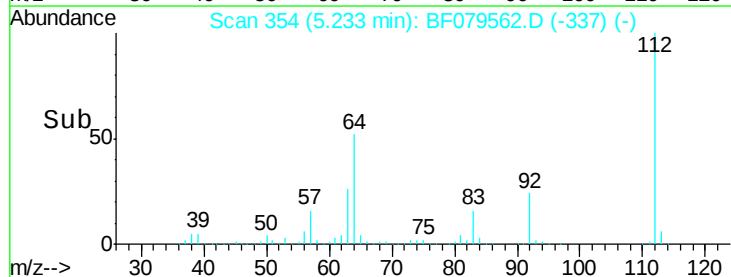
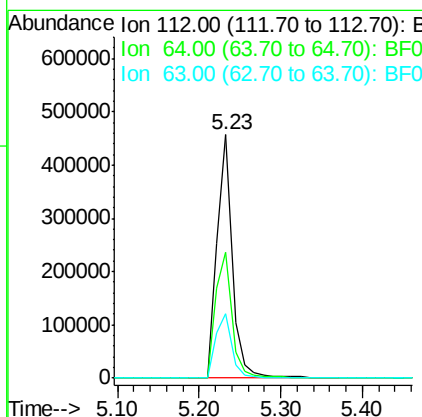
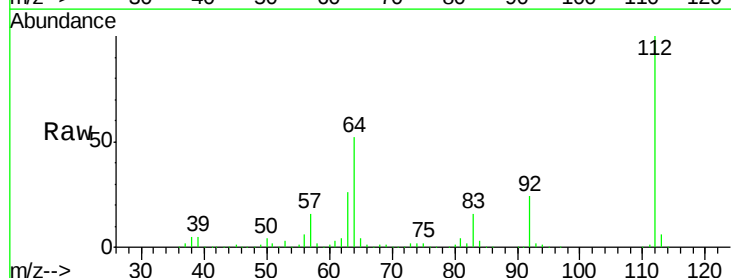
Tot Ion:152 Resp: 88489
Ion Ratio Lower Upper
152 100
150 162.1 124.0 186.0
115 67.0 49.6 74.4

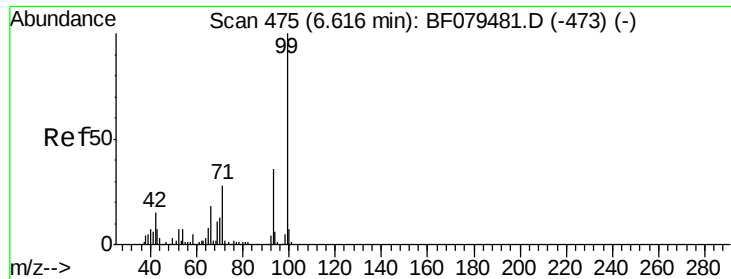


#5

2-Fluorophenol
Concen: 117.55 ng
RT: 5.23 min Scan# 354
Delta R.T. 0.00 min
Lab File: BF079562.D
Acq: 29 May 2015 16:04

Tgt Ion:112 Resp: 599707
Ion Ratio Lower Upper
112 100
64 51.9 43.5 65.3
63 26.4 21.8 32.8





#7

Phenol-d6

Concen: 114.61 ng

RT: 6.55 min Scan# 469

Delta R.T. 0.00 min

Lab File: BF079562.D

Acq: 29 May 2015 16:04

Instrument :

BNA_F

ClientSampleId :

PB83625TB

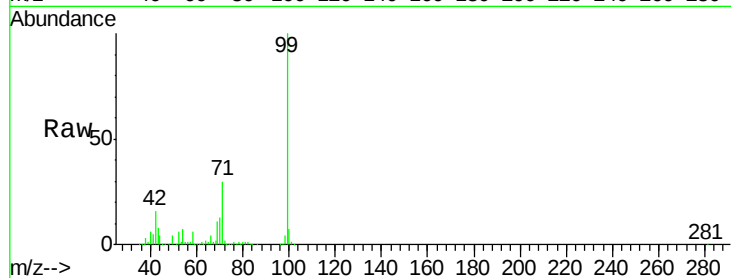
Tot Ion: 99 Resp: 745301

Ion Ratio Lower Upper

99 100

42 16.1 11.9 17.9

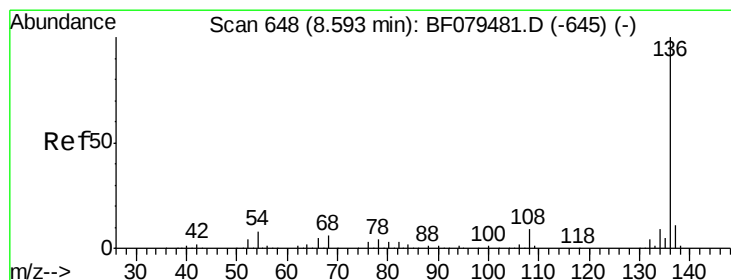
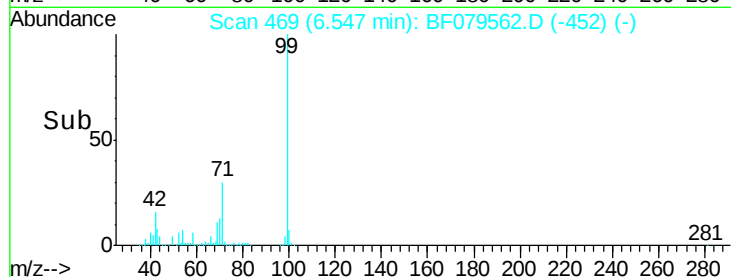
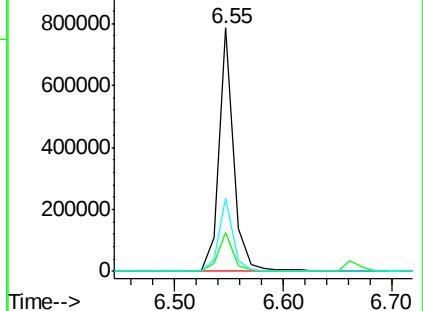
71 30.4 22.1 33.1



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: BF079562.D

Acq: 29 May 2015 16:04

Tgt Ion: 136 Resp: 359044

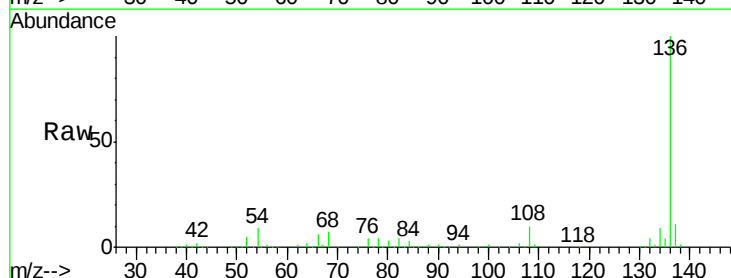
Ion Ratio Lower Upper

136 100

137 11.5 8.5 12.7

54 9.3 6.6 9.8

68 6.9 4.7 7.1

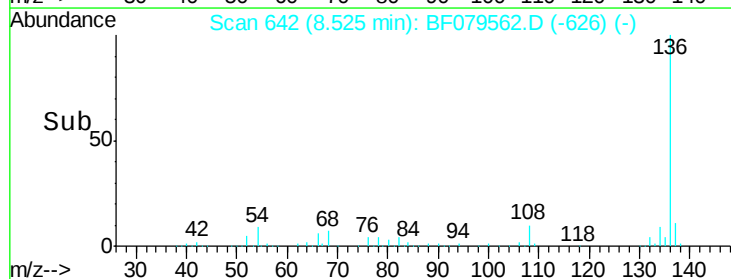
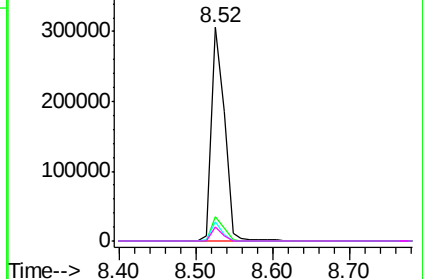


Abundance Ion 136.00 (135.70 to 136.70): E

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

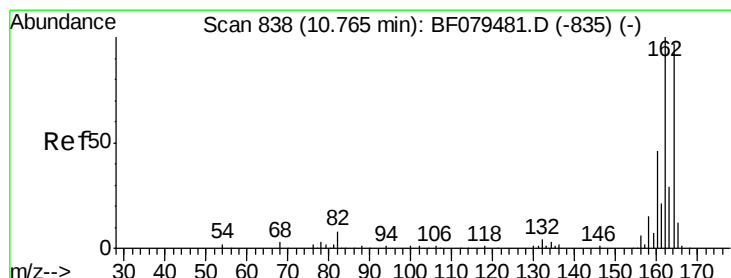
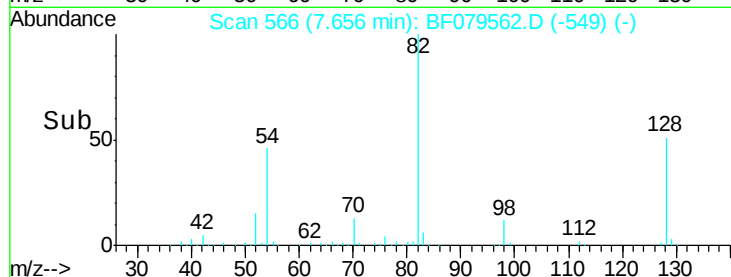
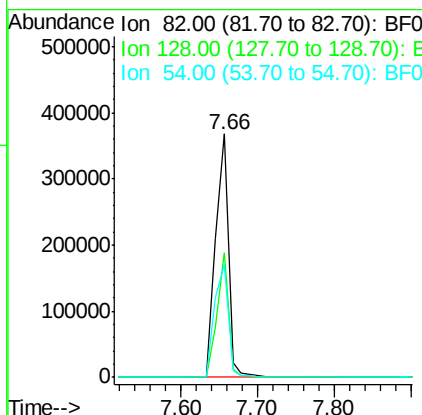
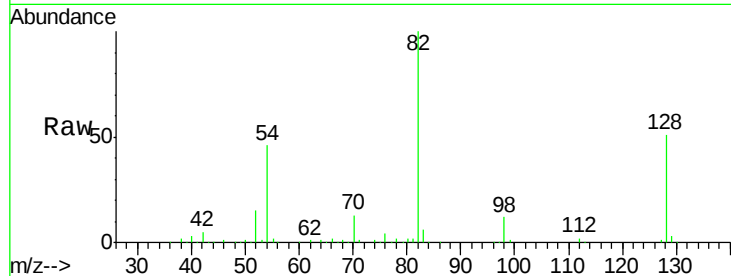




#23
 Nitrobenzene-d5
 Concen: 68.65 ng
 RT: 7.66 min Scan# 566
 Delta R.T. 0.00 min
 Lab File: BF079562.D
 Acq: 29 May 2015 16:04

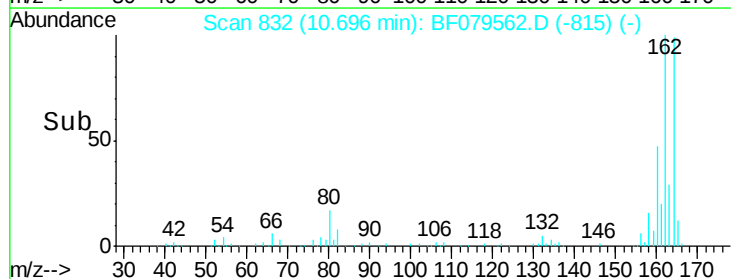
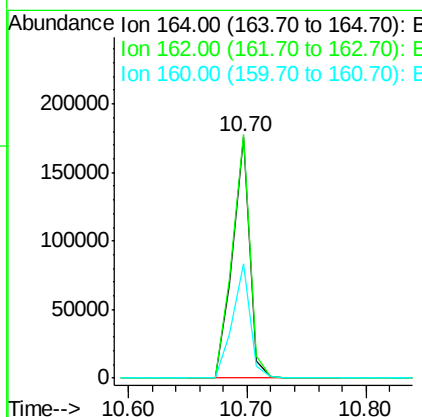
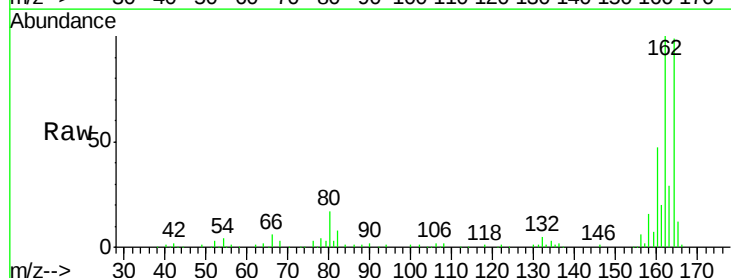
Instrument :
 BNA_F
 ClientSampleID :
 PB83625TB

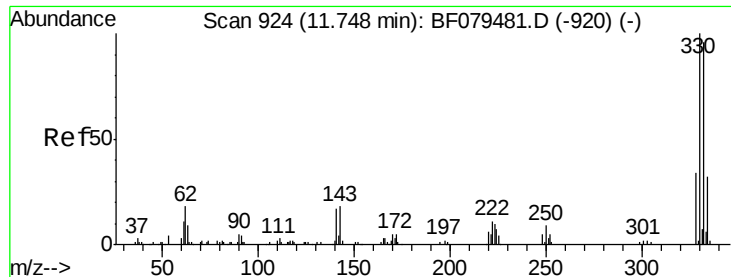
Tot Ion	82	Resp	426398
Ion Ratio	Lower	Upper	
82	100		
128	51.1	30.8	46.2#
54	46.2	42.8	64.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.70 min Scan# 832
 Delta R.T. 0.00 min
 Lab File: BF079562.D
 Acq: 29 May 2015 16:04

Tgt Ion	164	Resp	178648
Ion Ratio	Lower	Upper	
164	100		
162	100.8	82.6	124.0
160	47.4	37.7	56.5

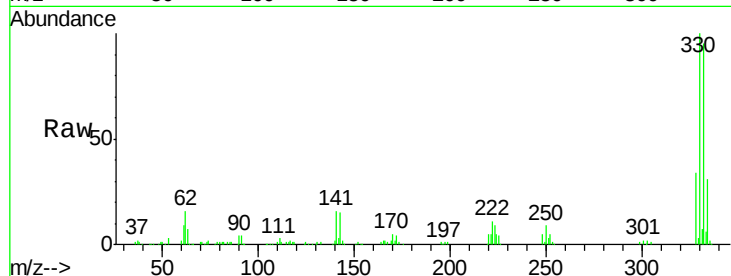




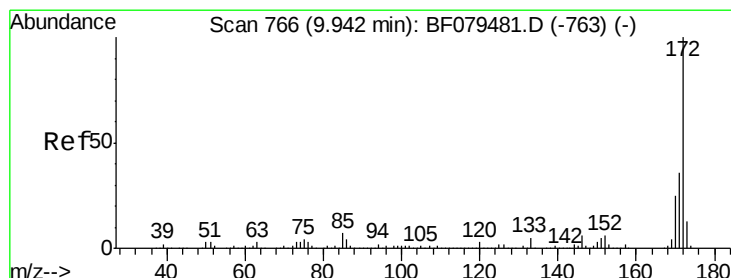
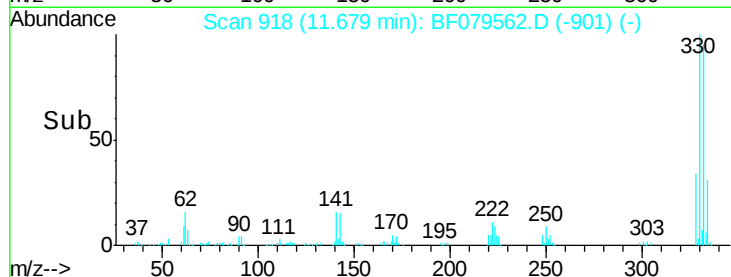
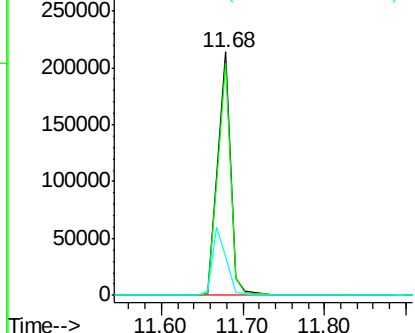
#41
 2,4,6-Tribromophenol
 Concen: 120.72 ng
 RT: 11.68 min Scan# 918
 Delta R.T. 0.00 min
 Lab File: BF079562.D
 Acq: 29 May 2015 16:04

Instrument :
 BNA_F
 ClientSampleId :
 PB83625TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	0.0	0.0#
141	29.5	0.0	0.0#

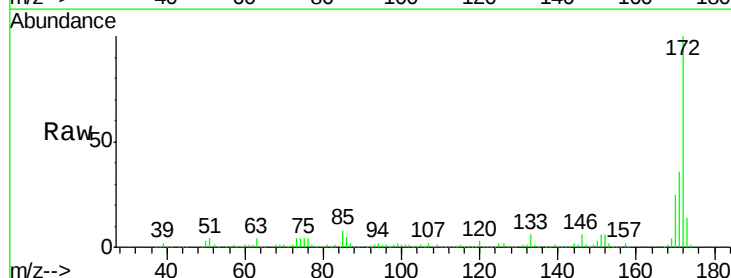


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

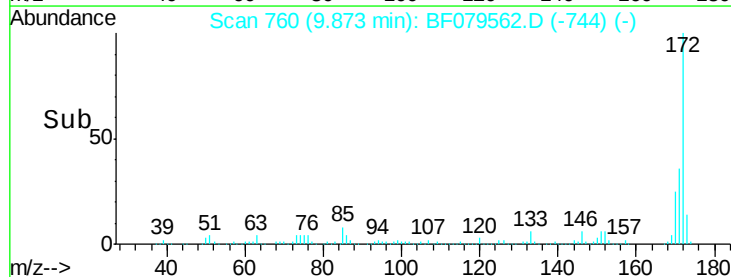
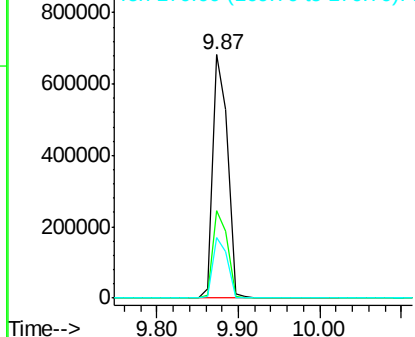


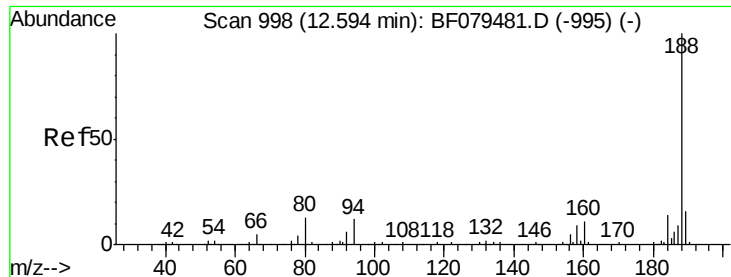
#44
 2-Fluorobiphenyl
 Concen: 69.00 ng
 RT: 9.87 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF079562.D
 Acq: 29 May 2015 16:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.5	42.7
170	24.7	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

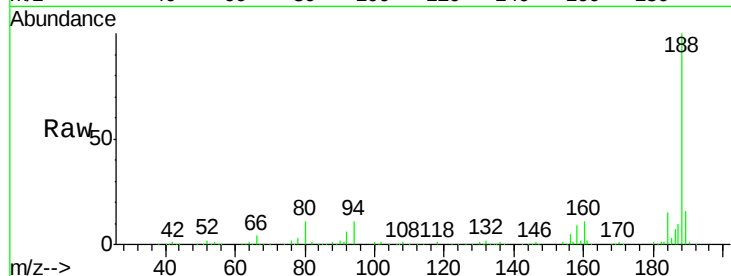




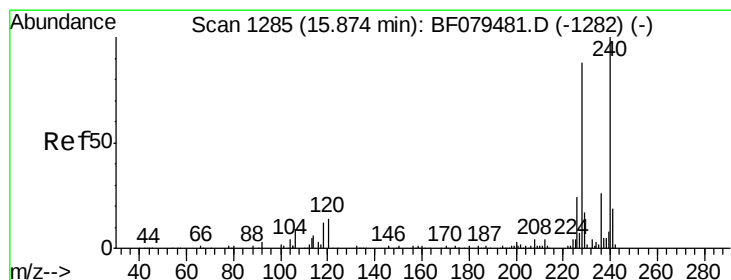
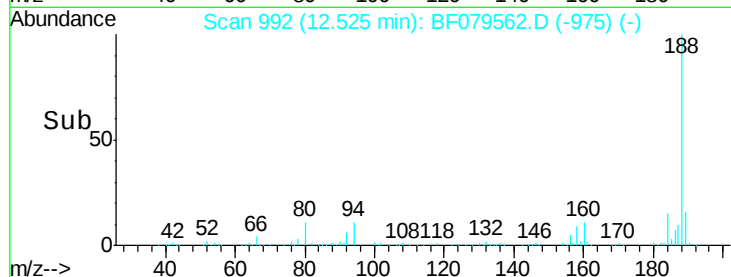
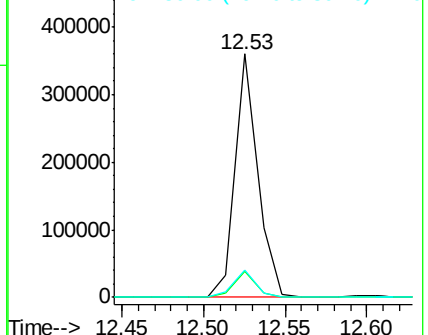
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.53 min Scan# 992
Delta R.T. 0.00 min
Lab File: BF079562.D
Acq: 29 May 2015 16:04

Instrument :
BNA_F
ClientSampleId :
PB83625TB

Tot Ion:188 Resp: 345418
Ion Ratio Lower Upper
188 100
94 10.9 9.8 14.6
80 11.2 10.5 15.7

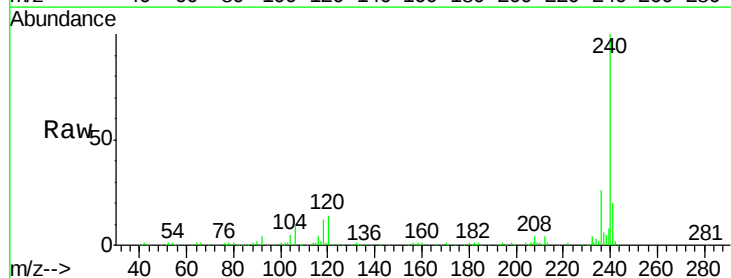


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

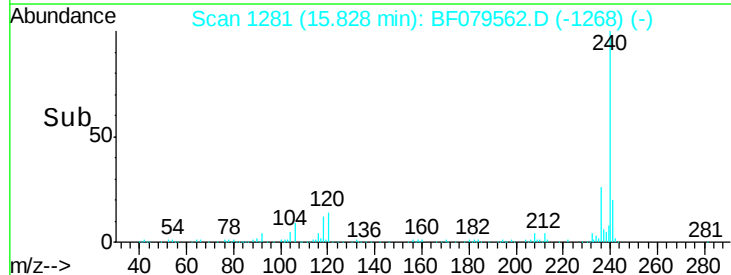
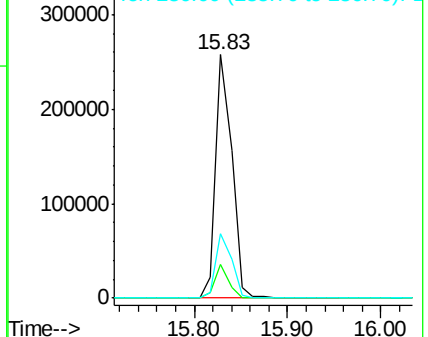


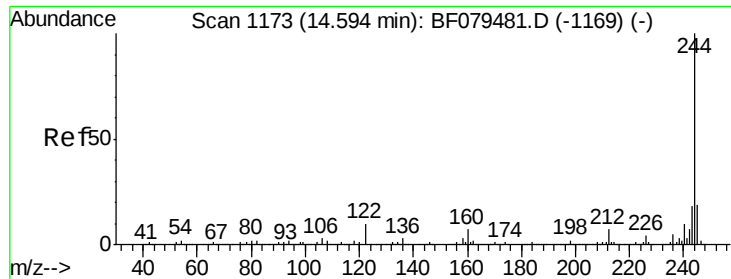
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.83 min Scan# 1281
Delta R.T. -0.05 min
Lab File: BF079562.D
Acq: 29 May 2015 16:04

Tgt Ion:240 Resp: 311637
Ion Ratio Lower Upper
240 100
120 14.0 10.8 16.2
236 26.3 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

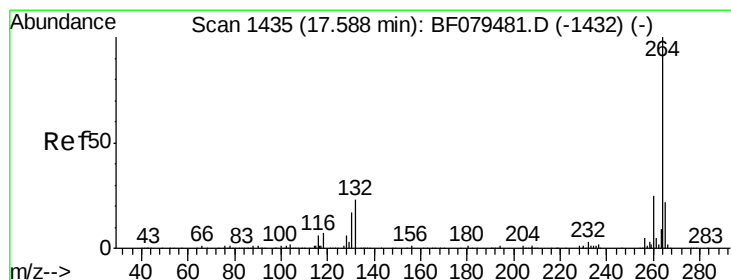
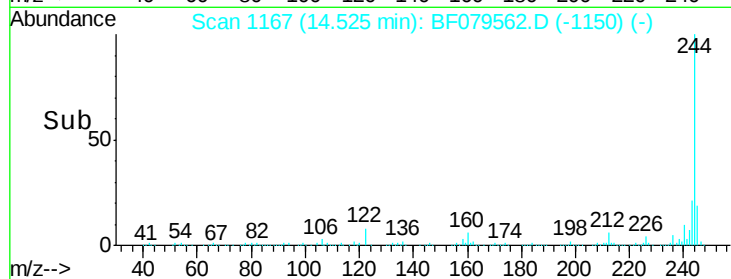
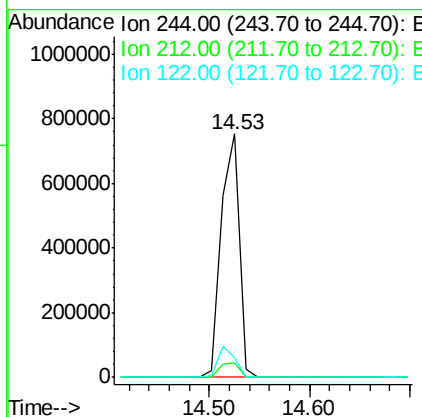
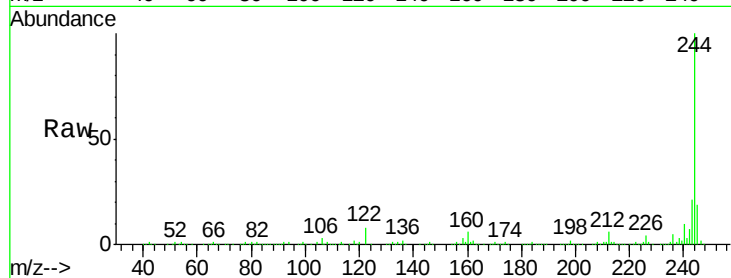




#78
 Terphenyl-d14
 Concen: 70.76 ng
 RT: 14.53 min Scan# 1167
 Delta R.T. 0.00 min
 Lab File: BF079562.D
 Acq: 29 May 2015 16:04

Instrument :
 BNA_F
 ClientSampleId :
 PB83625TB

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.2	7.8
122	8.1	8.0	12.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.68 min Scan# 1443
 Delta R.T. -0.13 min
 Lab File: BF079562.D
 Acq: 29 May 2015 16:04

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.8	29.8
265	21.1	17.8	26.6

