

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052915\
 Data File : BF079560.D
 Acq On : 29 May 2015 15:07
 Operator : TP/IZ
 Sample : PB83625BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83625BL

Quant Time: May 29 23:44:38 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	84214	20.00	ng	0.00
21) Naphthalene-d8	8.54	136	338814	20.00	ng	0.00
38) Acenaphthene-d10	10.70	164	171099	20.00	ng	0.00
63) Phenanthrene-d10	12.53	188	324588	20.00	ng	0.00
75) Chrysene-d12	15.92	240	298910	20.00	ng	0.05
86) Perylene-d12	17.92	264	287151	20.00	ng	0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	579435	119.34	ng	0.00
7) Phenol-d6	6.55	99	700057	113.12	ng	0.00
23) Nitrobenzene-d5	7.66	82	412302	70.34	ng	0.00
41) 2,4,6-Tribromophenol	11.68	330	218548	116.29	ng	0.00
44) 2-Fluorobiphenyl	9.88	172	829112	69.13	ng	0.00
78) Terphenyl-d14	14.55	244	930089	73.02	ng	0.02

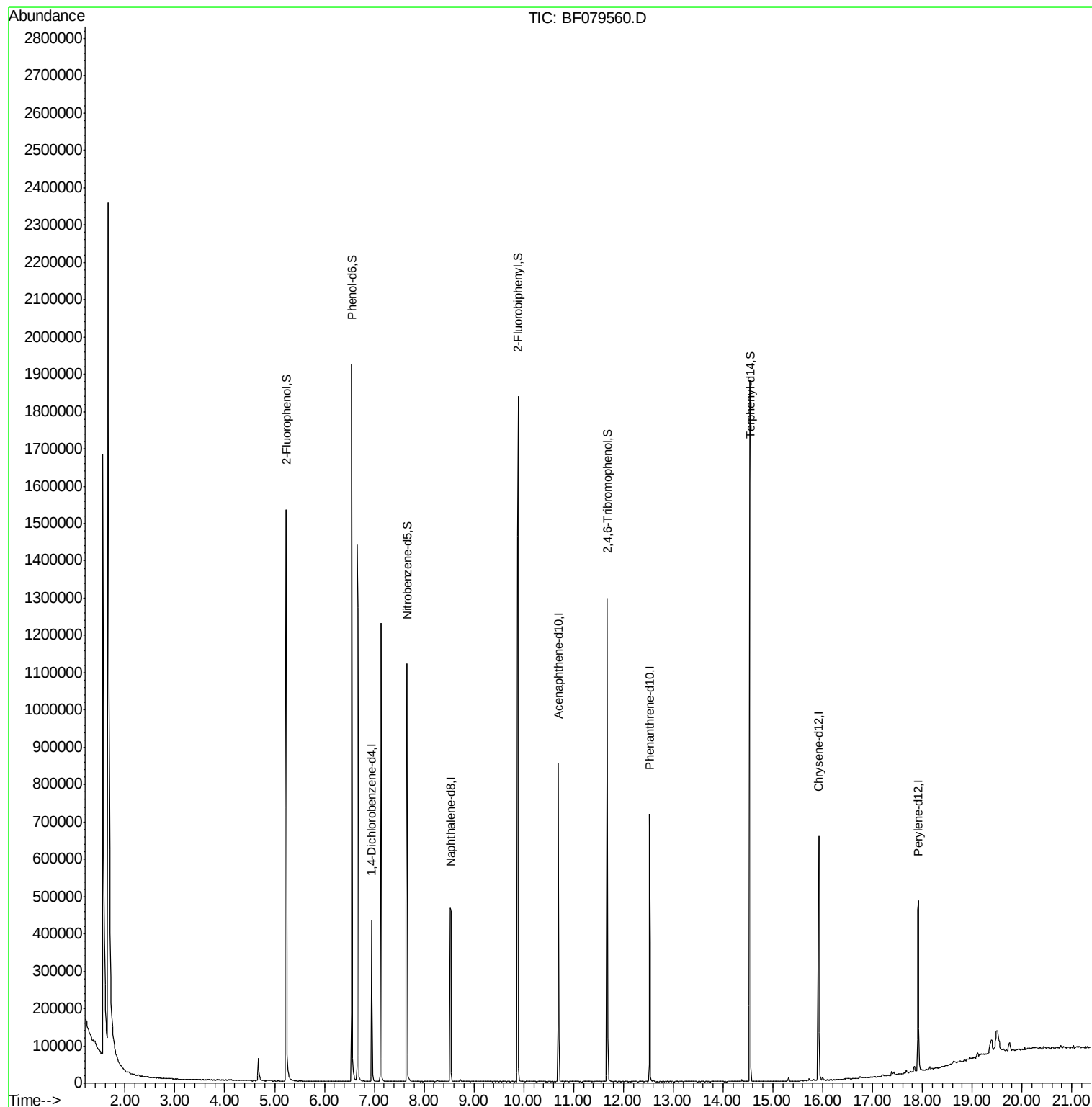
Target Compounds Qvalue

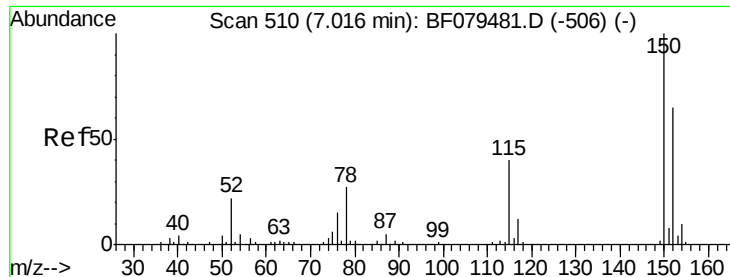
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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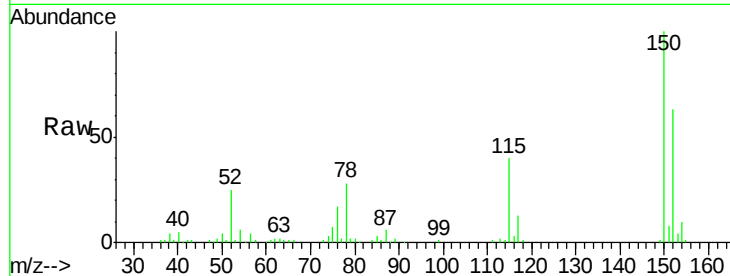


#1

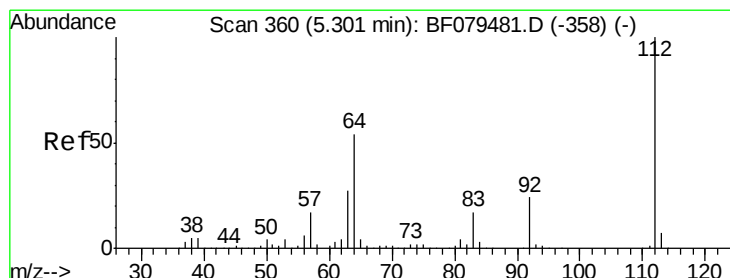
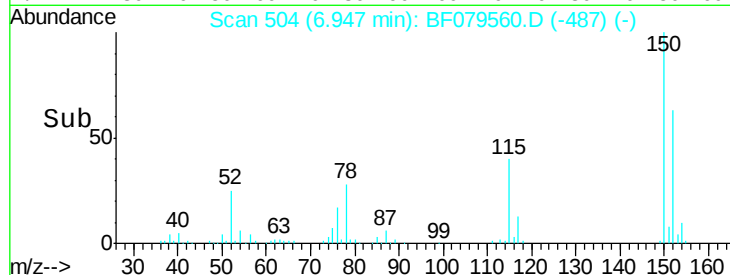
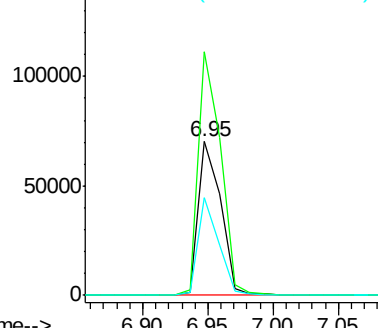
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.95 min Scan# 504
Delta R.T. -0.00 min
Lab File: BF079560.D
Acq: 29 May 2015 15:07

Instrument :
BNA_F
ClientSampleId :
PB83625BL

Tot Ion:152 Resp: 84214
Ion Ratio Lower Upper
152 100
150 158.4 124.0 186.0
115 63.9 49.6 74.4



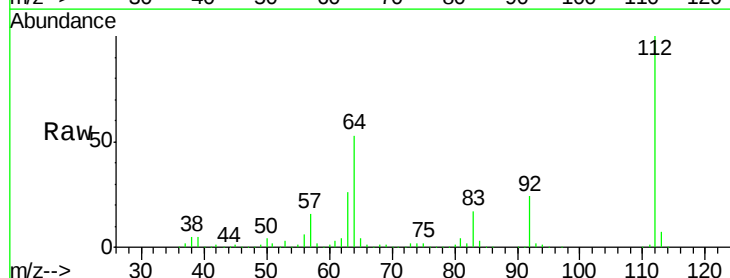
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



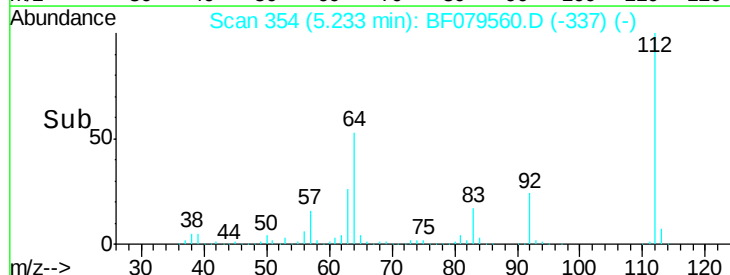
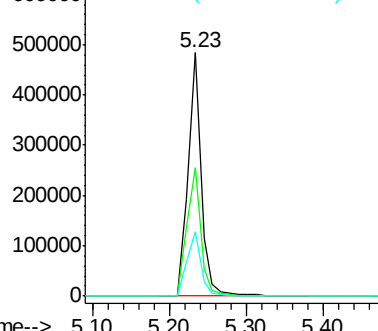
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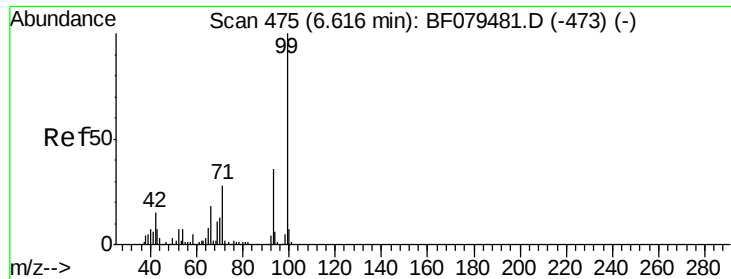
2-Fluorophenol
Concen: 119.34 ng
RT: 5.23 min Scan# 354
Delta R.T. -0.00 min
Lab File: BF079560.D
Acq: 29 May 2015 15:07

Tgt Ion:112 Resp: 579435
Ion Ratio Lower Upper
112 100
64 52.9 43.5 65.3
63 26.4 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: 113.12 ng

RT: 6.55 min Scan# 469

Delta R.T. -0.00 min

Lab File: BF079560.D

Acq: 29 May 2015 15:07

Instrument :

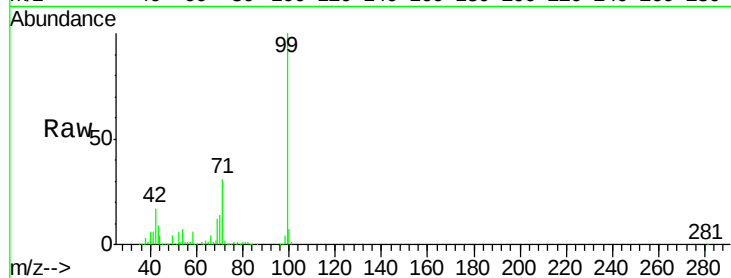
BNA_F

ClientSampleId :

PB83625BL

Tot Ion: 99 Resp: 700057

Ion	Ratio	Lower	Upper
99	100		
42	17.0	11.9	17.9
71	31.2	22.1	33.1

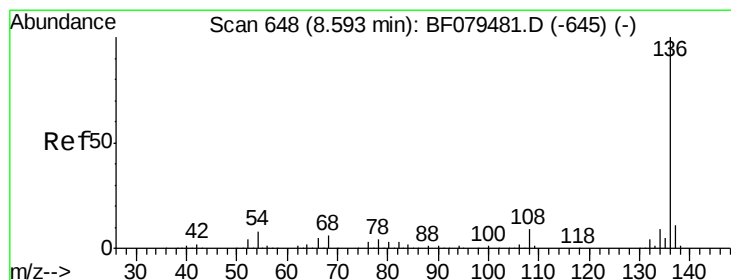
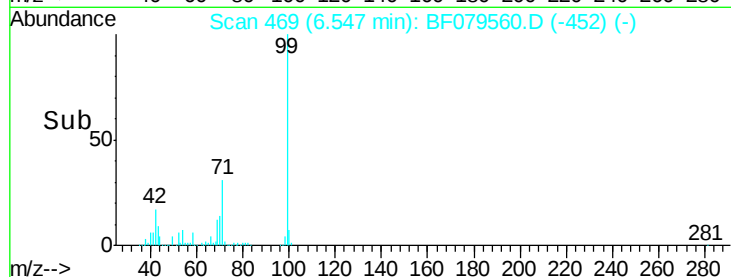
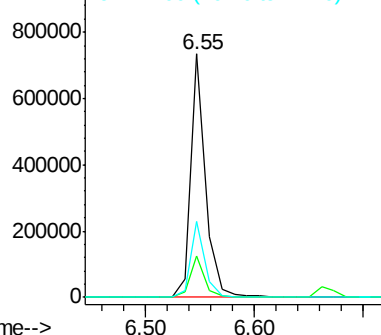


Abundance

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: 8.54 min Scan# 643

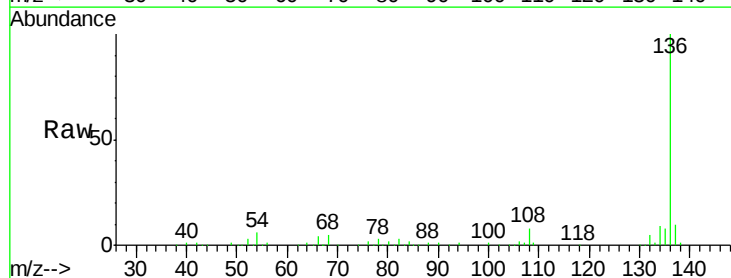
Delta R.T. -0.00 min

Lab File: BF079560.D

Acq: 29 May 2015 15:07

Tgt Ion: 136 Resp: 338814

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.5	12.7
54	5.5	6.6	9.8#
68	4.6	4.7	7.1#



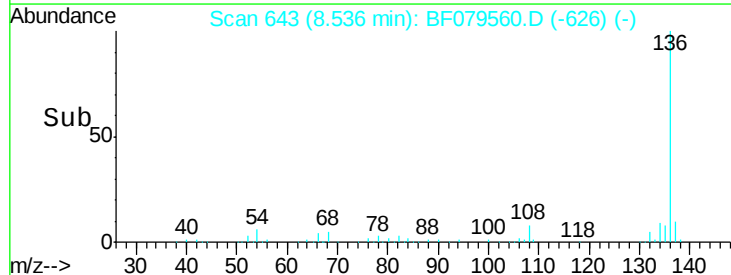
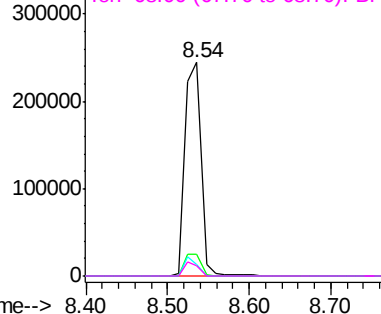
Abundance

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

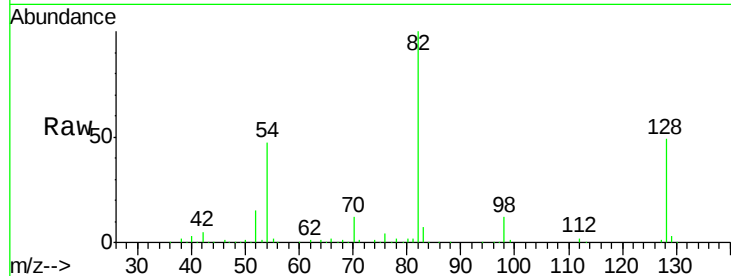




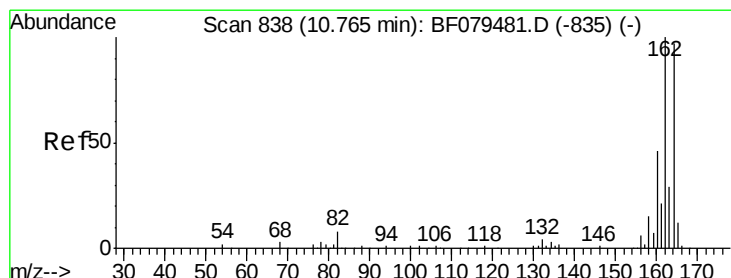
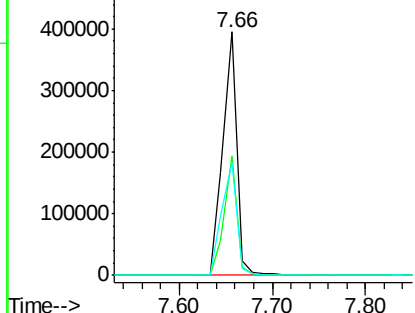
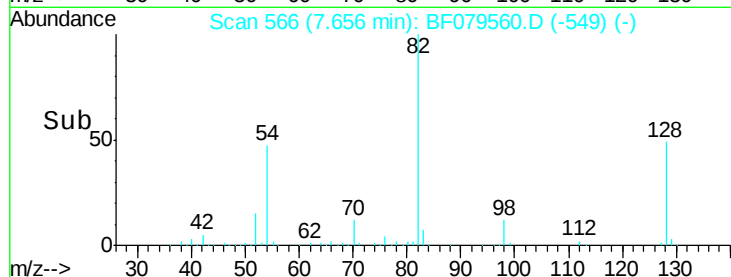
#23
 Nitrobenzene-d5
 Concen: 70.34 ng
 RT: 7.66 min Scan# 566
 Delta R.T. -0.00 min
 Lab File: BF079560.D
 Acq: 29 May 2015 15:07

Instrument :
 BNA_F
 ClientSampleId :
 PB83625BL

Tot Ion: 82 Resp: 412302
 Ion Ratio Lower Upper
 82 100
 128 49.2 30.8 46.2#
 54 46.5 42.8 64.2

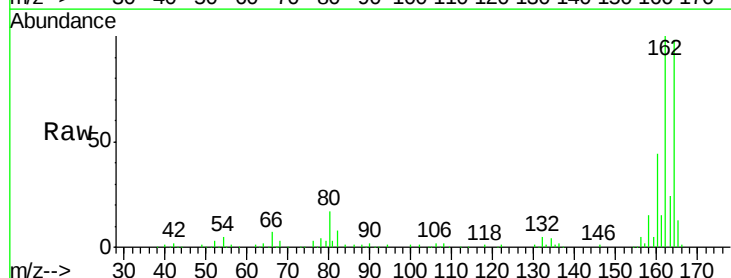


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

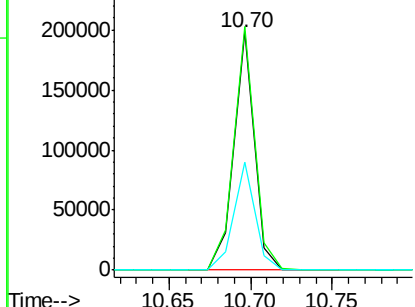
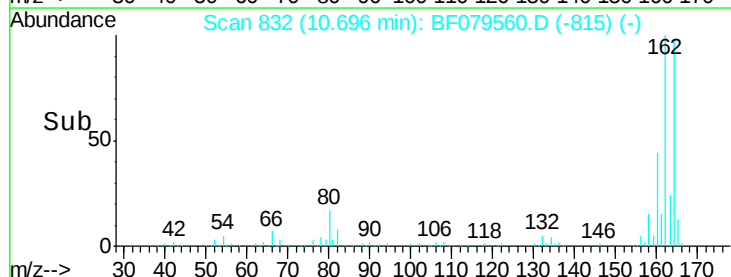


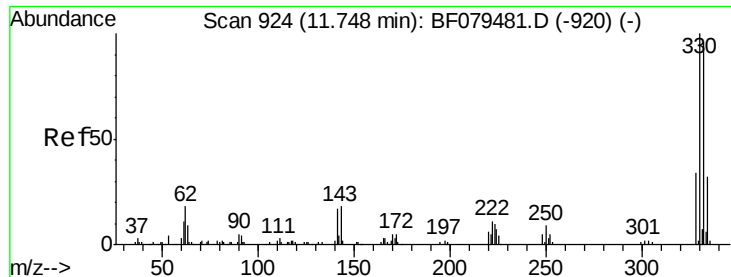
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.70 min Scan# 832
 Delta R.T. -0.00 min
 Lab File: BF079560.D
 Acq: 29 May 2015 15:07

Tgt Ion:164 Resp: 171099
 Ion Ratio Lower Upper
 164 100
 162 102.2 82.6 124.0
 160 45.1 37.7 56.5



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

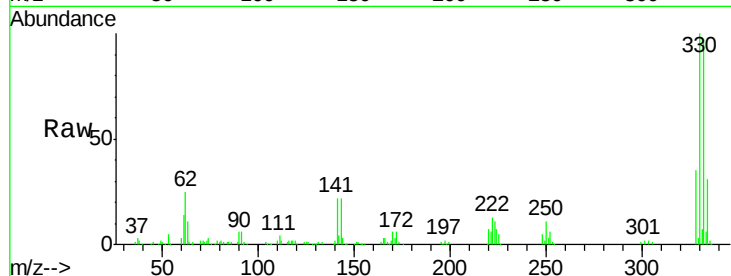




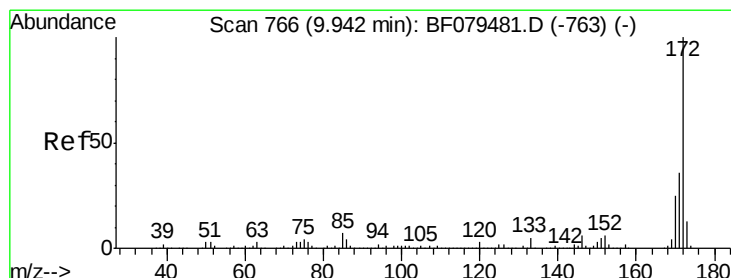
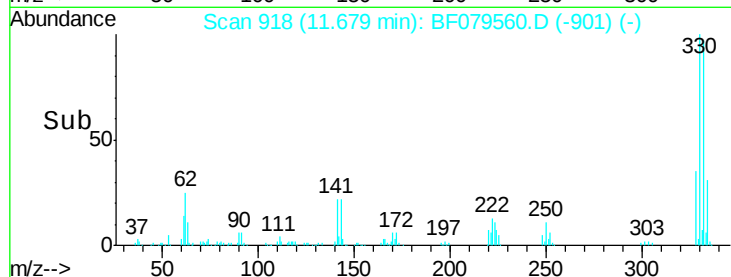
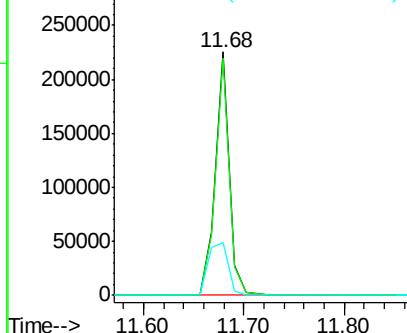
#41
 2,4,6-Tribromophenol
 Concen: 116.29 ng
 RT: 11.68 min Scan# 918
 Delta R.T. -0.00 min
 Lab File: BF079560.D
 Acq: 29 May 2015 15:07

Instrument :
 BNA_F
 ClientSampleId :
 PB83625BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	0.0	0.0#
141	31.1	0.0	0.0#

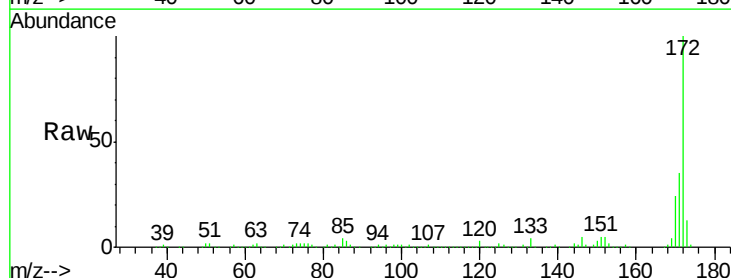


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

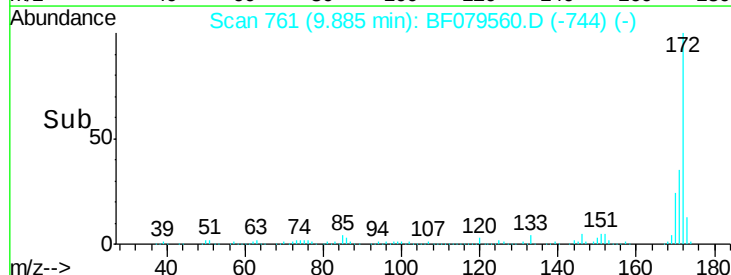
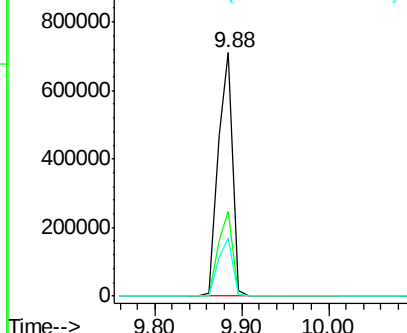


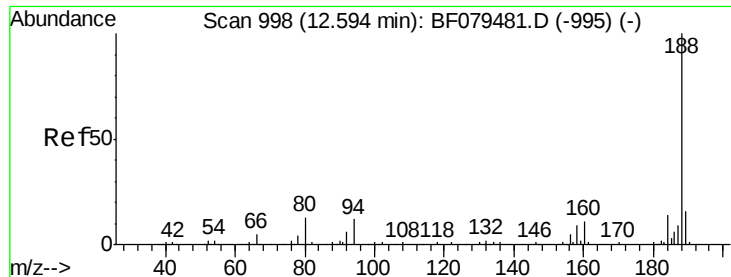
#44
 2-Fluorobiphenyl
 Concen: 69.13 ng
 RT: 9.88 min Scan# 761
 Delta R.T. -0.00 min
 Lab File: BF079560.D
 Acq: 29 May 2015 15:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.5	42.7
170	23.9	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

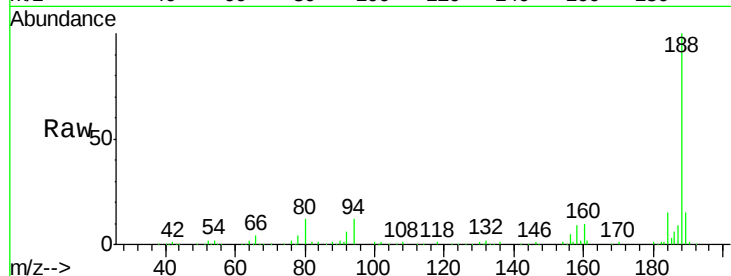




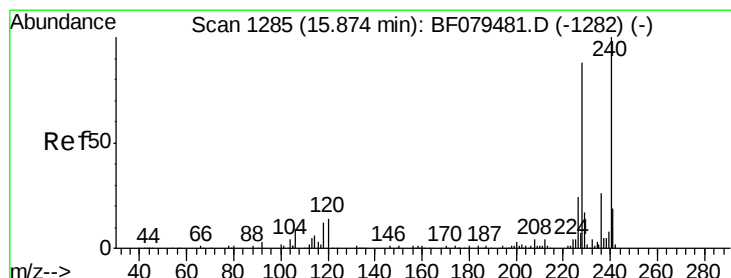
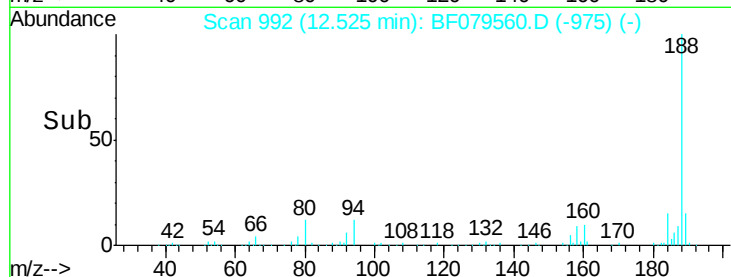
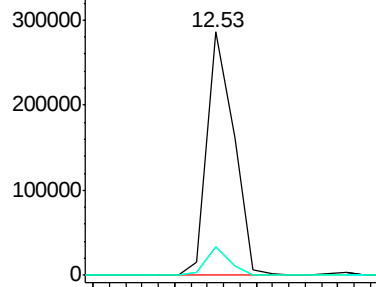
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.53 min Scan# 992
Delta R.T. -0.00 min
Lab File: BF079560.D
Acq: 29 May 2015 15:07

Instrument :
BNA_F
ClientSampleId :
PB83625BL

Tot Ion	Ratio	Lower	Upper
188	100		
94	11.5	9.8	14.6
80	12.0	10.5	15.7

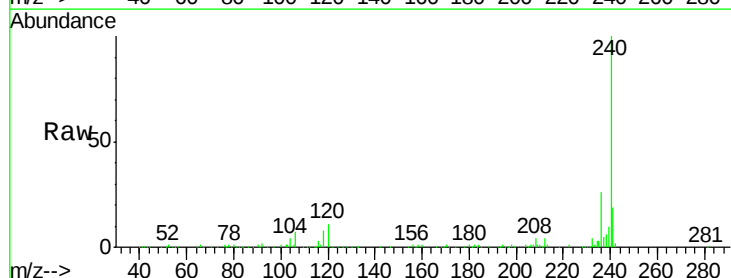


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

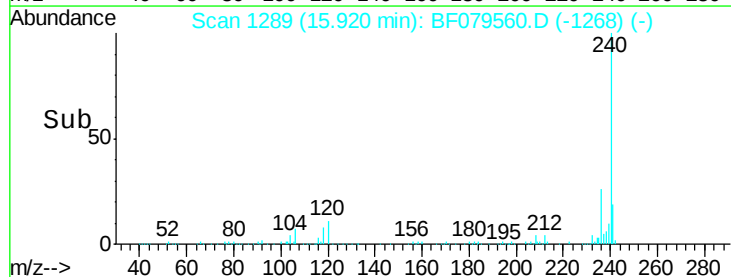
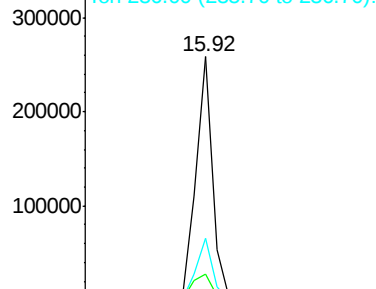


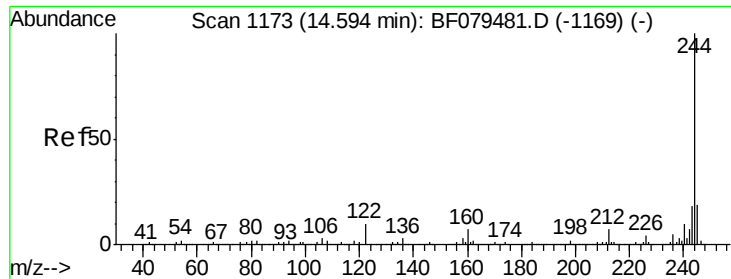
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.92 min Scan# 1289
Delta R.T. 0.05 min
Lab File: BF079560.D
Acq: 29 May 2015 15:07

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.6	10.8	16.2#
236	25.7	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

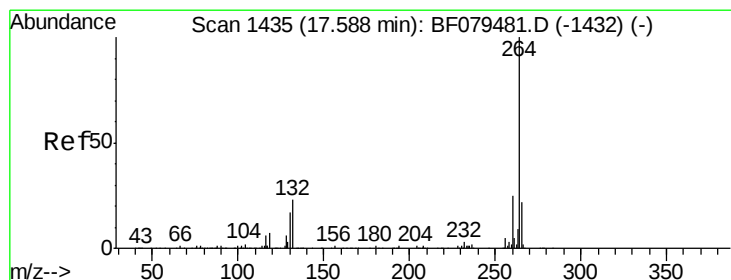
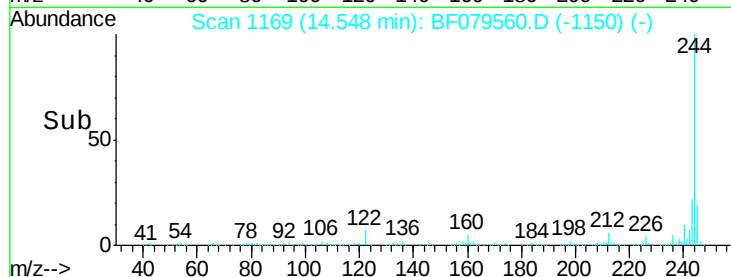
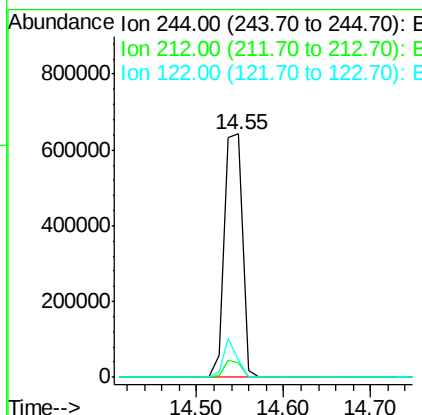
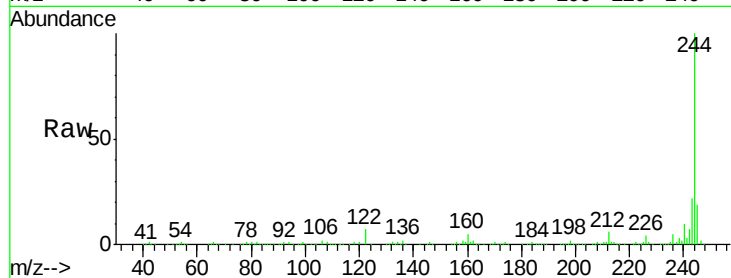




#78
 Terphenyl-d14
 Concen: 73.02 ng
 RT: 14.55 min Scan# 1169
 Delta R.T. 0.02 min
 Lab File: BF079560.D
 Acq: 29 May 2015 15:07

Instrument :
 BNA_F
 ClientSampleId :
 PB83625BL

Tot Ion	Ratio	Lower	Upper
244	100		
212	5.9	5.2	7.8
122	7.1	8.0	12.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.92 min Scan# 1464
 Delta R.T. 0.11 min
 Lab File: BF079560.D
 Acq: 29 May 2015 15:07

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.8	29.8
265	21.3	17.8	26.6

