

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011615\
 Data File : BF076911.D
 Acq On : 16 Jan 2015 16:30
 Operator : IZ / TP
 Sample : PB81350BL
 Misc : W
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81350BL

Quant Time: Jan 16 22:27:13 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 16 21:57:04 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	39621	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	174443	20.00	ng	0.00
38) Acenaphthene-d10	15.01	164	96333	20.00	ng	-0.01
63) Phenanthrene-d10	17.77	188	177438	20.00	ng	0.00
75) Chrysene-d12	21.27	240	175605	20.00	ng	0.00
86) Perylene-d12	22.95	264	153874	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.04	112	263306	109.26	ng	0.00
7) Phenol-d6	7.36	99	323831	106.52	ng	-0.01
23) Nitrobenzene-d5	9.27	82	197810	62.82	ng	-0.01
41) 2,4,6-Tribromophenol	16.68	330	82765	105.84	ng	-0.01
44) 2-Fluorobiphenyl	13.53	172	412228	65.12	ng	0.00
78) Terphenyl-d14	20.00	244	464124	60.85	ng	0.00

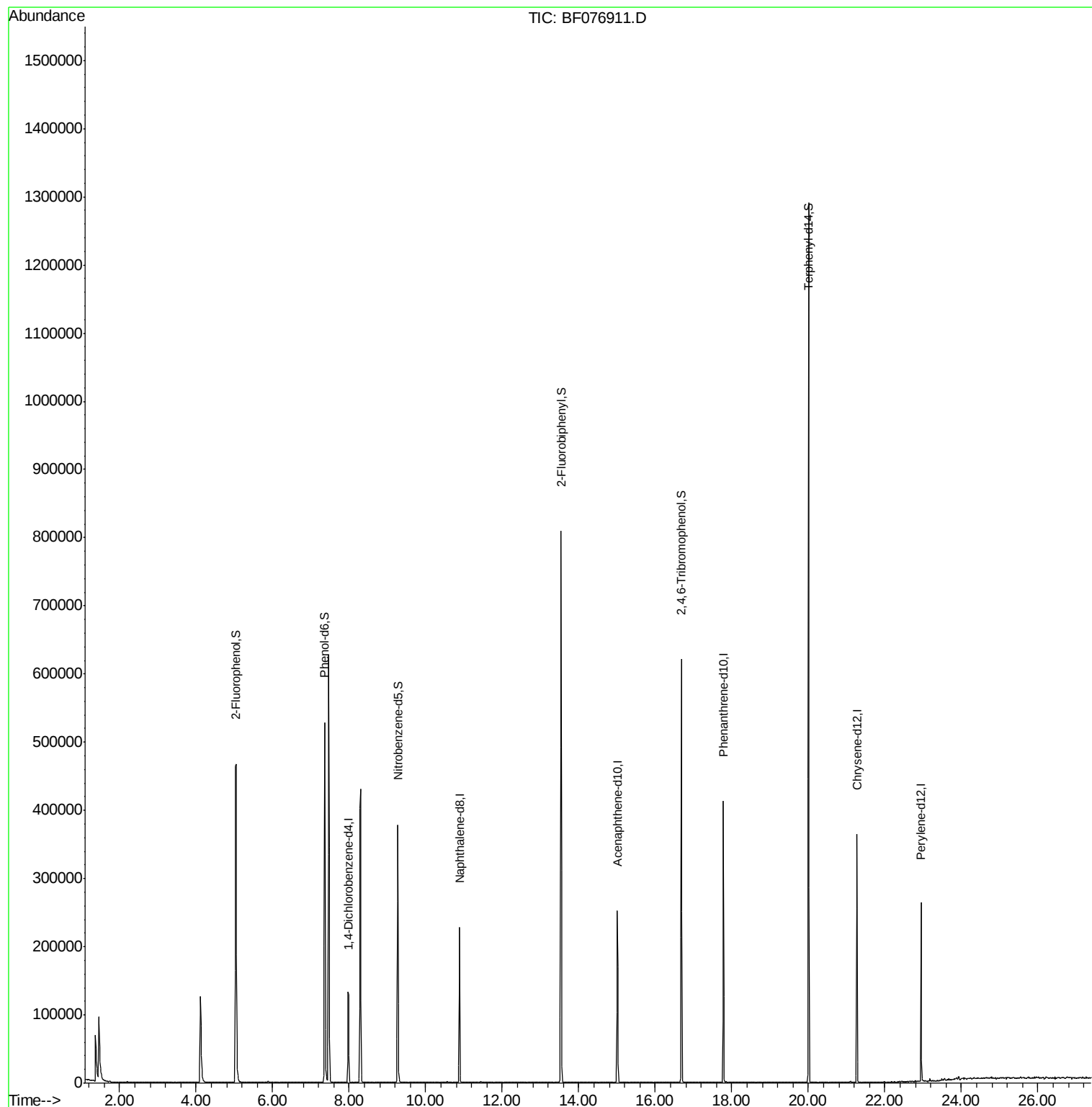
Target Compounds Qvalue

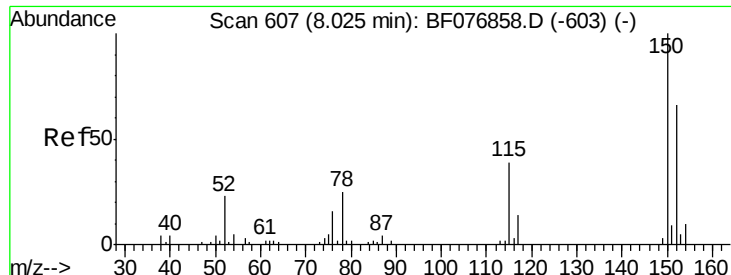
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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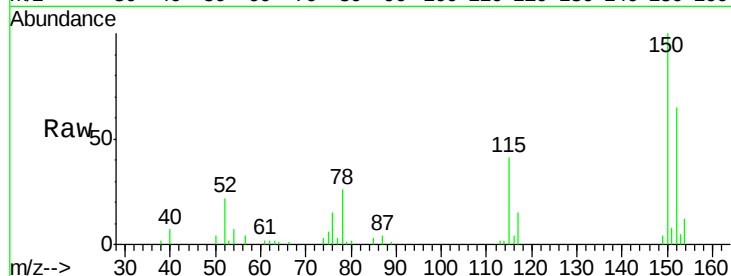


#1

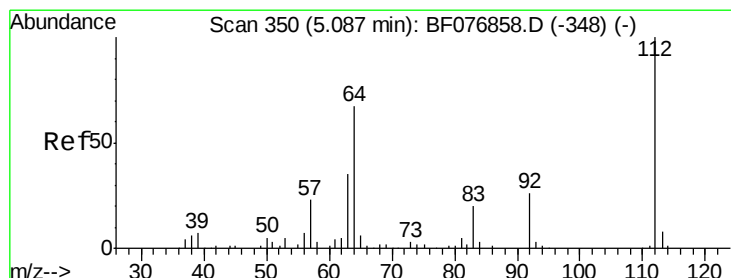
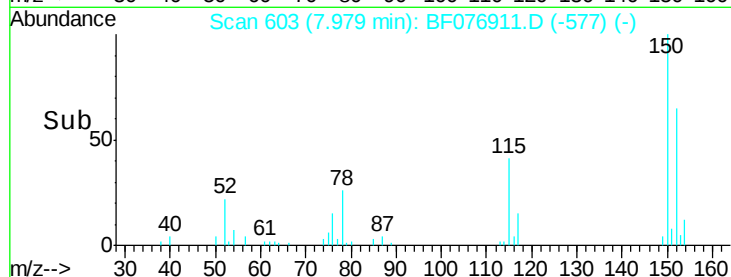
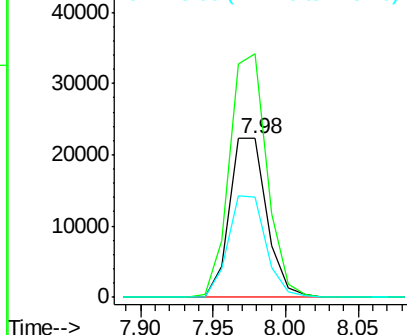
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.98 min Scan# 603
Delta R.T. 0.00 min
Lab File: BF076911.D
Acq: 16 Jan 2015 16:30

Instrument :
BNA_F
ClientSampleId :
PB81350BL

Tot Ion:152 Resp: 39621
Ion Ratio Lower Upper
152 100
150 153.5 121.7 182.5
115 63.5 47.0 70.6



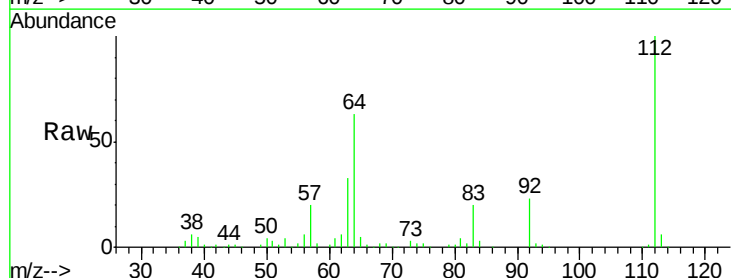
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



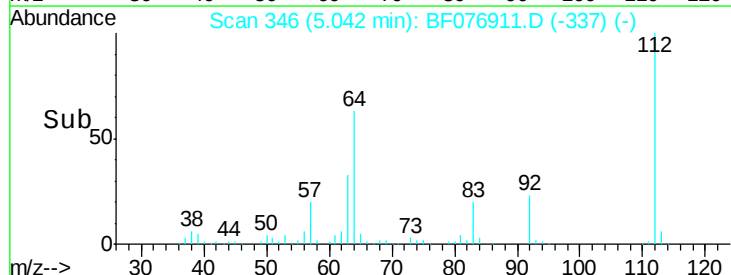
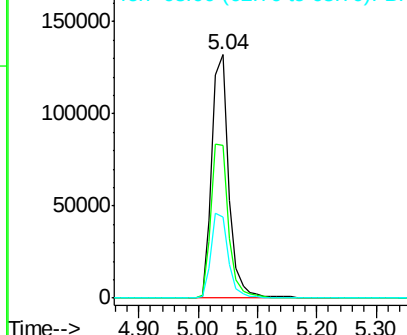
#5

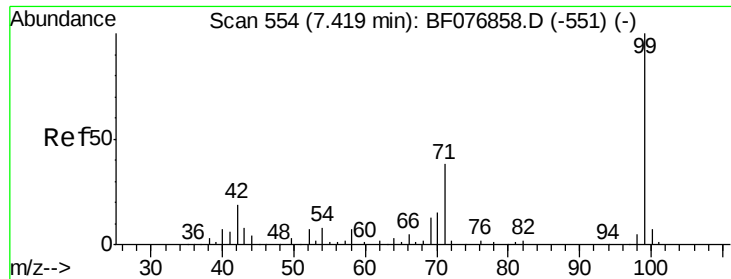
2-Fluorophenol
Concen: 109.26 ng
RT: 5.04 min Scan# 346
Delta R.T. 0.00 min
Lab File: BF076911.D
Acq: 16 Jan 2015 16:30

Tgt Ion:112 Resp: 263306
Ion Ratio Lower Upper
112 100
64 62.7 54.2 81.4
63 33.3 28.4 42.6



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: 106.52 ng

RT: 7.36 min Scan# 549

Delta R.T. -0.01 min

Lab File: BF076911.D

Acq: 16 Jan 2015 16:30

Instrument :

BNA_F

ClientSampled :

PB81350BL

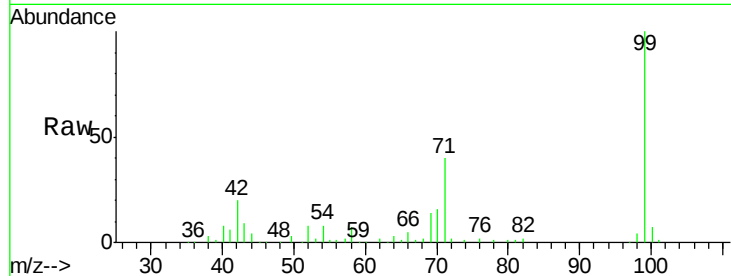
Tot Ion: 99 Resp: 323831

Ion Ratio Lower Upper

99 100

42 19.6 15.0 22.4

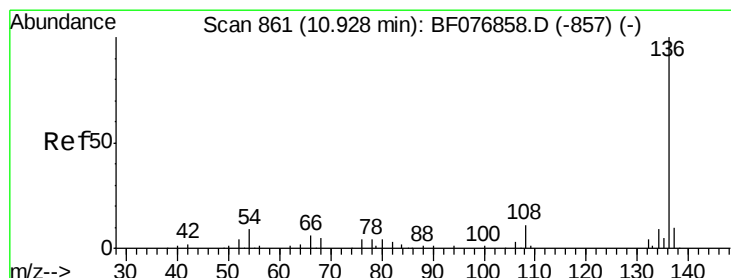
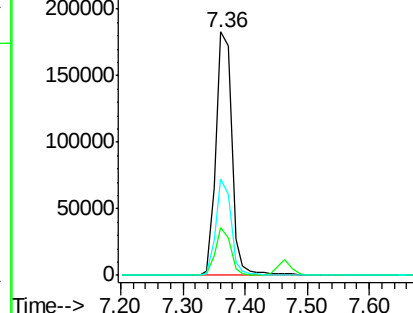
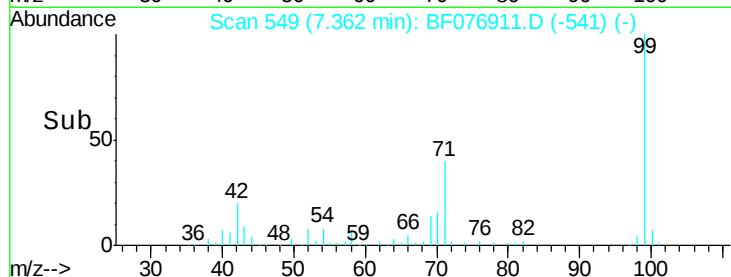
71 39.5 30.5 45.7



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: 10.88 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF076911.D

Acq: 16 Jan 2015 16:30

Tgt Ion: 136 Resp: 174443

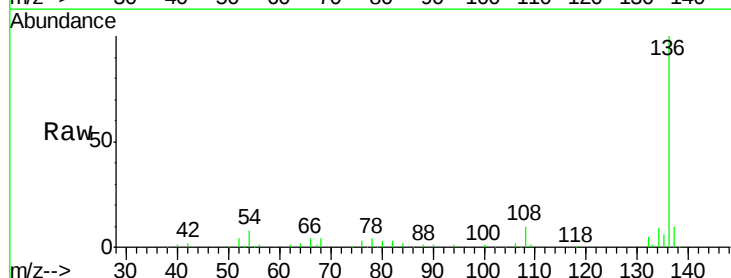
Ion Ratio Lower Upper

136 100

137 9.8 8.1 12.1

54 8.4 7.0 10.4

68 4.3 3.7 5.5

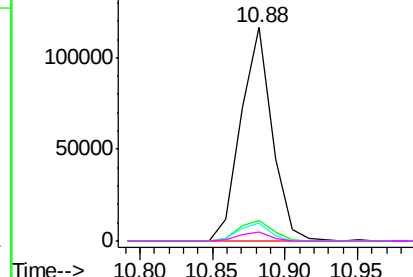
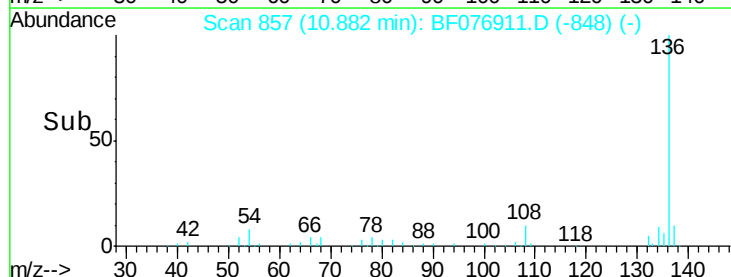


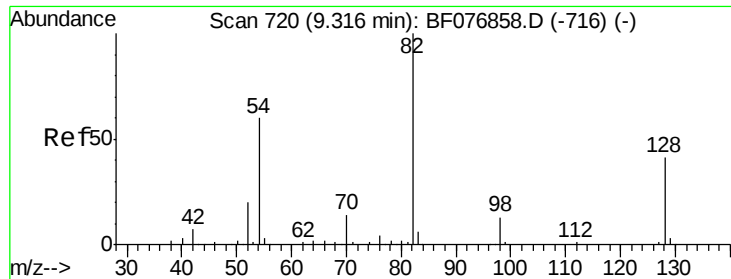
Abundance Ion 136.00 (135.70 to 136.70): E

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

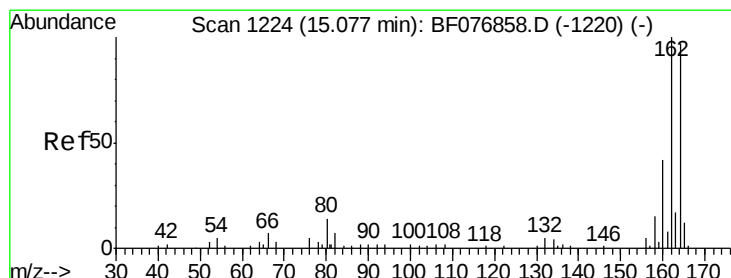
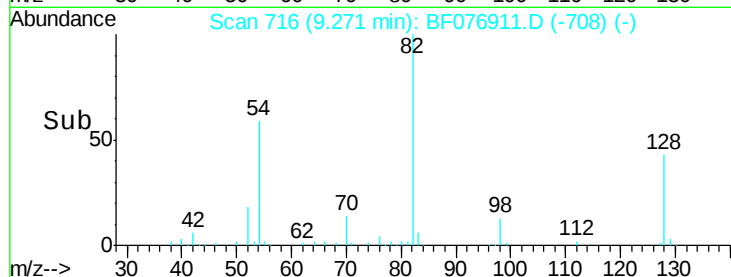
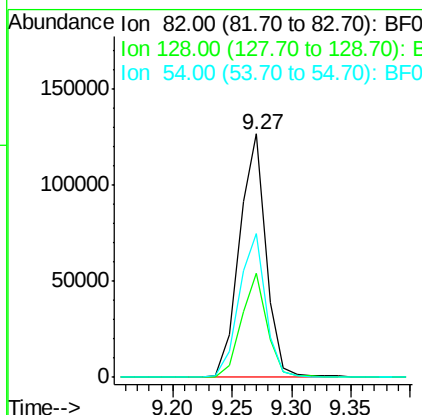
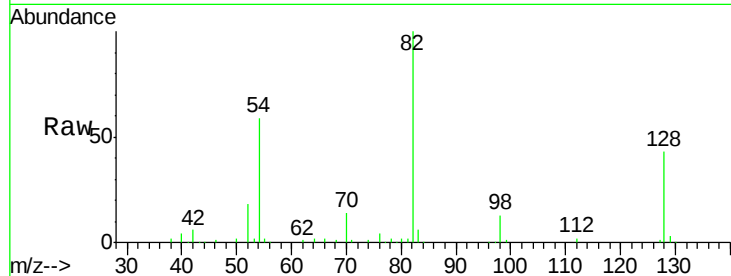




#23
 Nitrobenzene-d5
 Concen: 62.82 ng
 RT: 9.27 min Scan# 716
 Delta R.T. -0.01 min
 Lab File: BF076911.D
 Acq: 16 Jan 2015 16:30

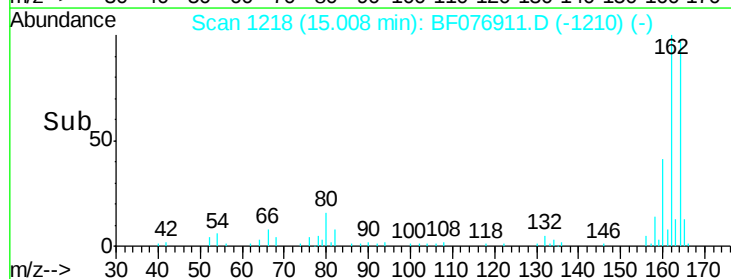
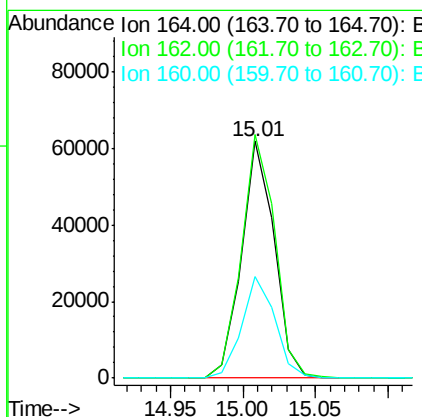
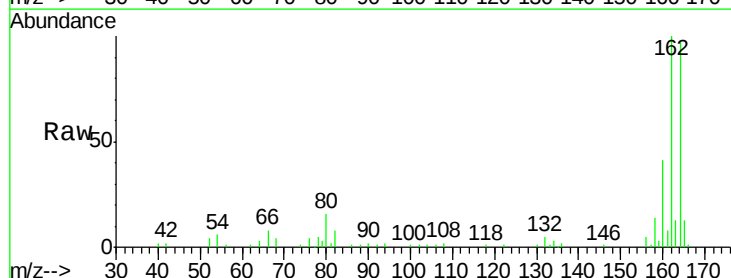
Instrument :
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 PB81350BL

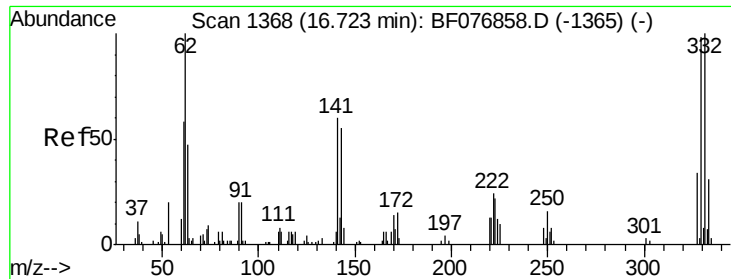
Tot Ion	82	Resp	197810
Ion Ratio	100		
Lower		33.1	
Upper		49.7	
128	42.6		
54	59.2	48.3	72.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.01 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF076911.D
 Acq: 16 Jan 2015 16:30

Tgt Ion	164	Resp	96333
Ion Ratio	100		
Lower		82.4	
Upper		123.6	
162	102.7		
160	42.6	34.8	52.2

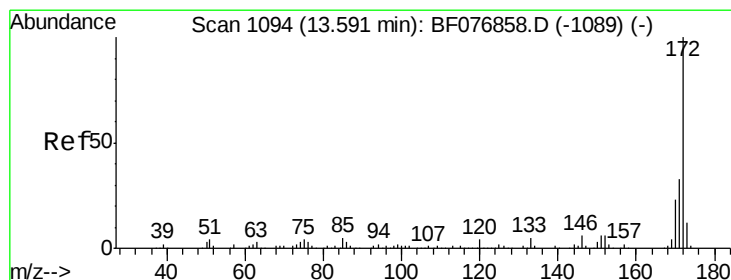
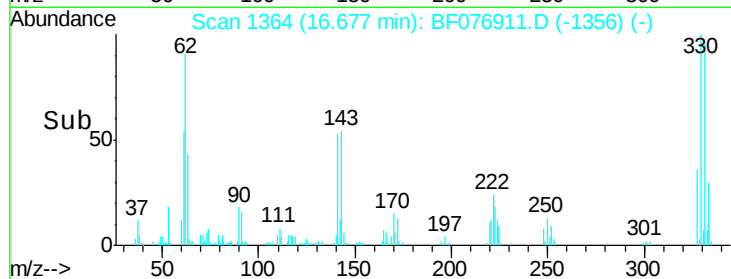
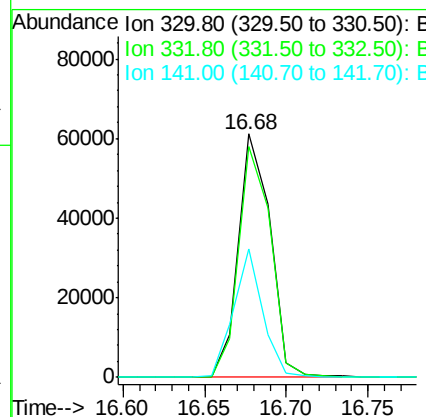
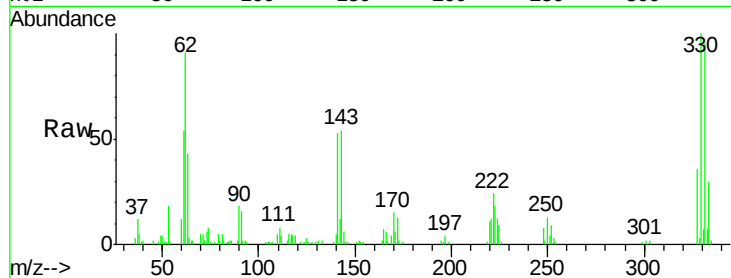




#41
 2,4,6-Tribromophenol
 Concen: 105.84 ng
 RT: 16.68 min Scan# 1364
 Delta R.T. -0.01 min
 Lab File: BF076911.D
 Acq: 16 Jan 2015 16:30

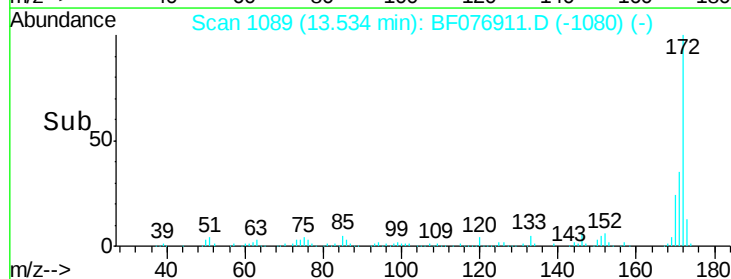
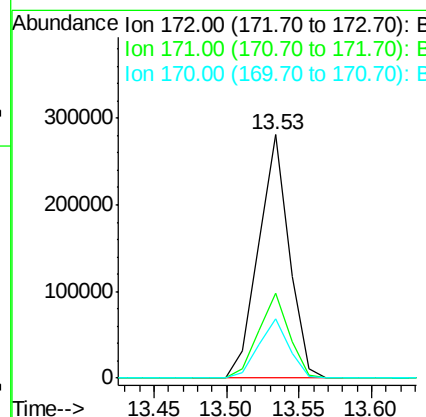
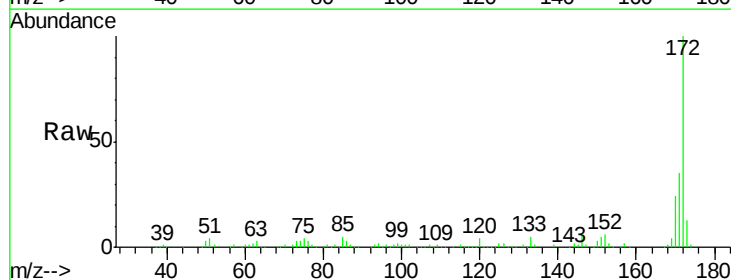
Instrument :
 BNA_F
 ClientSampleId :
 PB81350BL

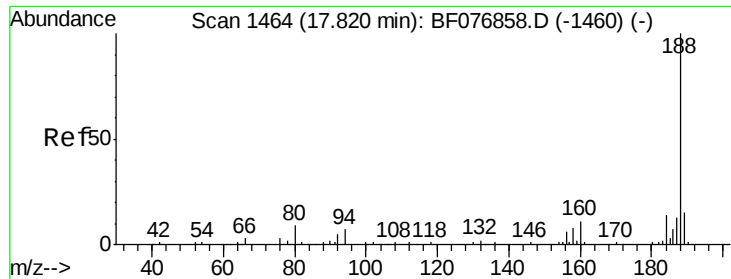
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.8	116.6
141	48.2	38.5	57.7



#44
 2-Fluorobiphenyl
 Concen: 65.12 ng
 RT: 13.53 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: BF076911.D
 Acq: 16 Jan 2015 16:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	26.6	40.0
170	24.1	18.0	27.0

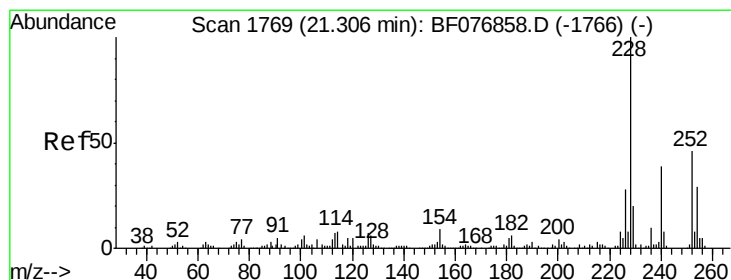
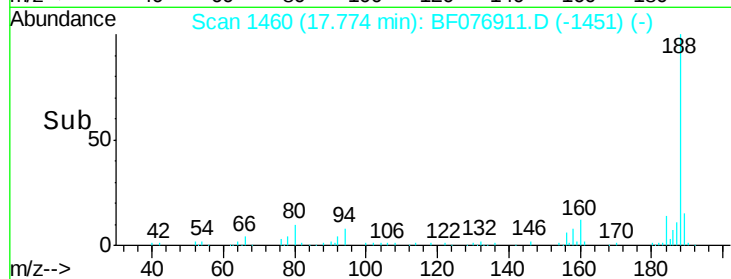
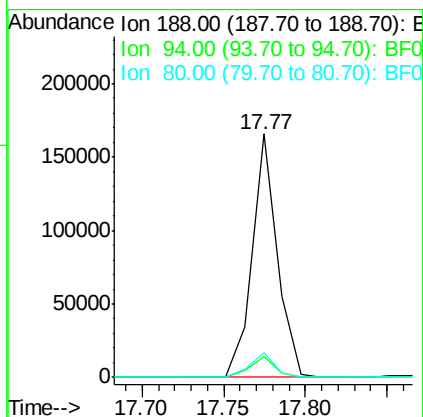
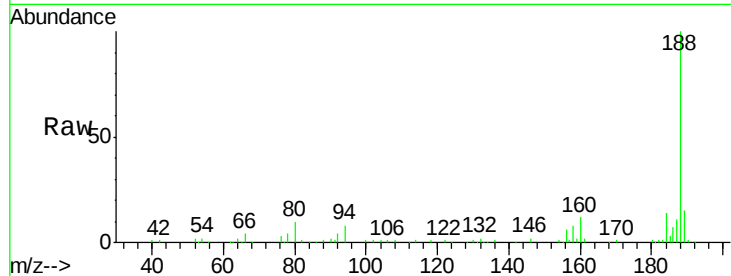




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.77 min Scan# 1460
Delta R.T. 0.00 min
Lab File: BF076911.D
Acq: 16 Jan 2015 16:30

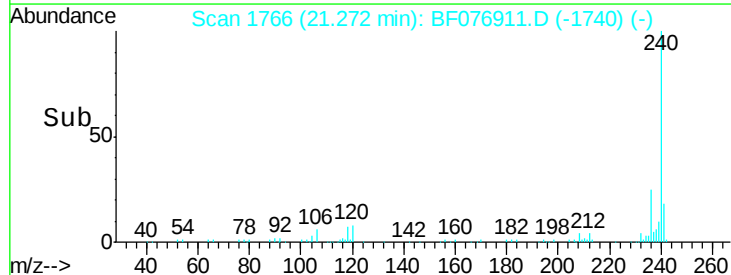
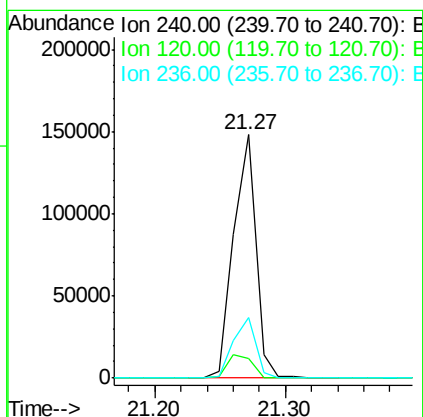
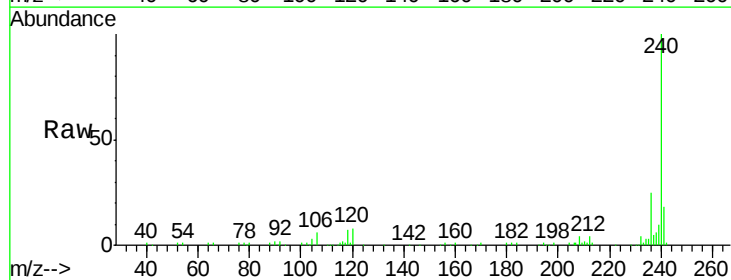
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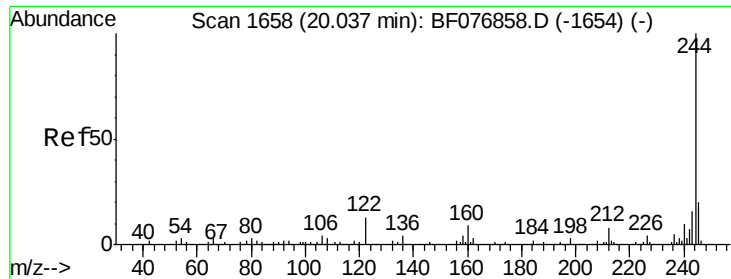
Tot Ion:188 Resp: 177438
Ion Ratio Lower Upper
188 100
94 8.4 6.0 9.0
80 10.3 6.9 10.3#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.27 min Scan# 1766
Delta R.T. 0.00 min
Lab File: BF076911.D
Acq: 16 Jan 2015 16:30

Tgt Ion:240 Resp: 175605
Ion Ratio Lower Upper
240 100
120 8.1 10.4 15.6#
236 24.6 20.2 30.2

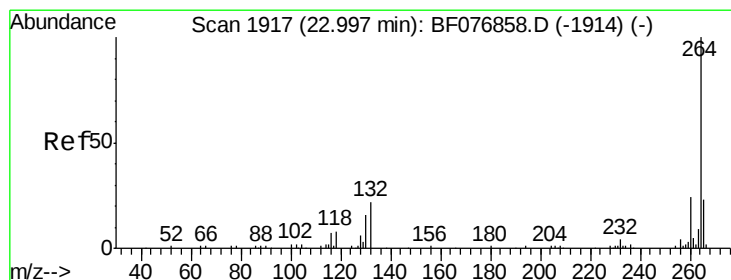
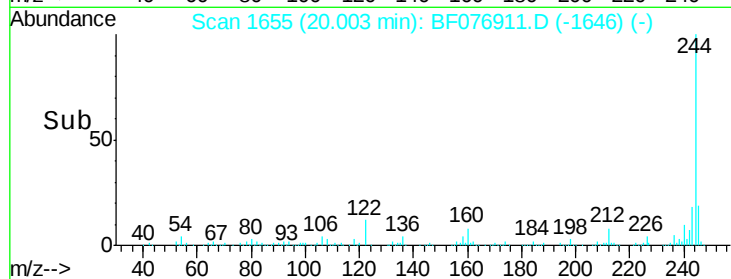
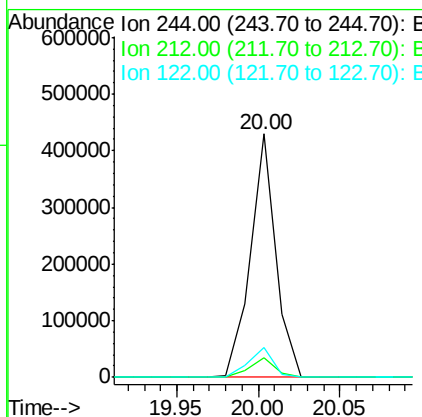
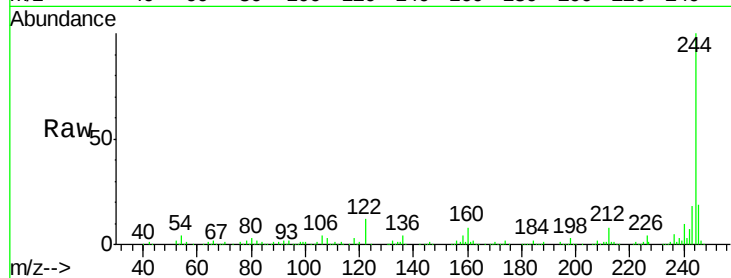




#78
 Terphenyl-d14
 Concen: 60.85 ng
 RT: 20.00 min Scan# 1655
 Delta R.T. 0.00 min
 Lab File: BF076911.D
 Acq: 16 Jan 2015 16:30

Instrument :
 BNA_F
 ClientSampleId :
 PB81350BL

Tot Ion:244 Resp: 464124
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.3 9.5
 122 12.1 10.1 15.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 22.95 min Scan# 1913
 Delta R.T. 0.00 min
 Lab File: BF076911.D
 Acq: 16 Jan 2015 16:30

Tgt Ion:264 Resp: 153874
 Ion Ratio Lower Upper
 264 100
 260 21.9 19.0 28.4
 265 20.7 18.1 27.1

