

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011615\
 Data File : BF076916.D
 Acq On : 16 Jan 2015 19:38
 Operator : IZ / TP
 Sample : G1091-09
 Misc : W
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EBGW01

Quant Time: Jan 16 22:53:37 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	42059	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	179245	20.00	ng	0.00
38) Acenaphthene-d10	15.01	164	101660	20.00	ng	-0.01
63) Phenanthrene-d10	17.77	188	172799	20.00	ng	0.00
75) Chrysene-d12	21.27	240	165436	20.00	ng	0.00
86) Perylene-d12	22.96	264	143724	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	113623	44.42	ng	-0.01
7) Phenol-d6	7.36	99	81350	25.21	ng	-0.01
23) Nitrobenzene-d5	9.27	82	225254	69.62	ng	-0.01
41) 2,4,6-Tribromophenol	16.69	330	92067	111.57	ng	0.00
44) 2-Fluorobiphenyl	13.53	172	472546	70.74	ng	0.00
78) Terphenyl-d14	20.00	244	489529	68.12	ng	0.00

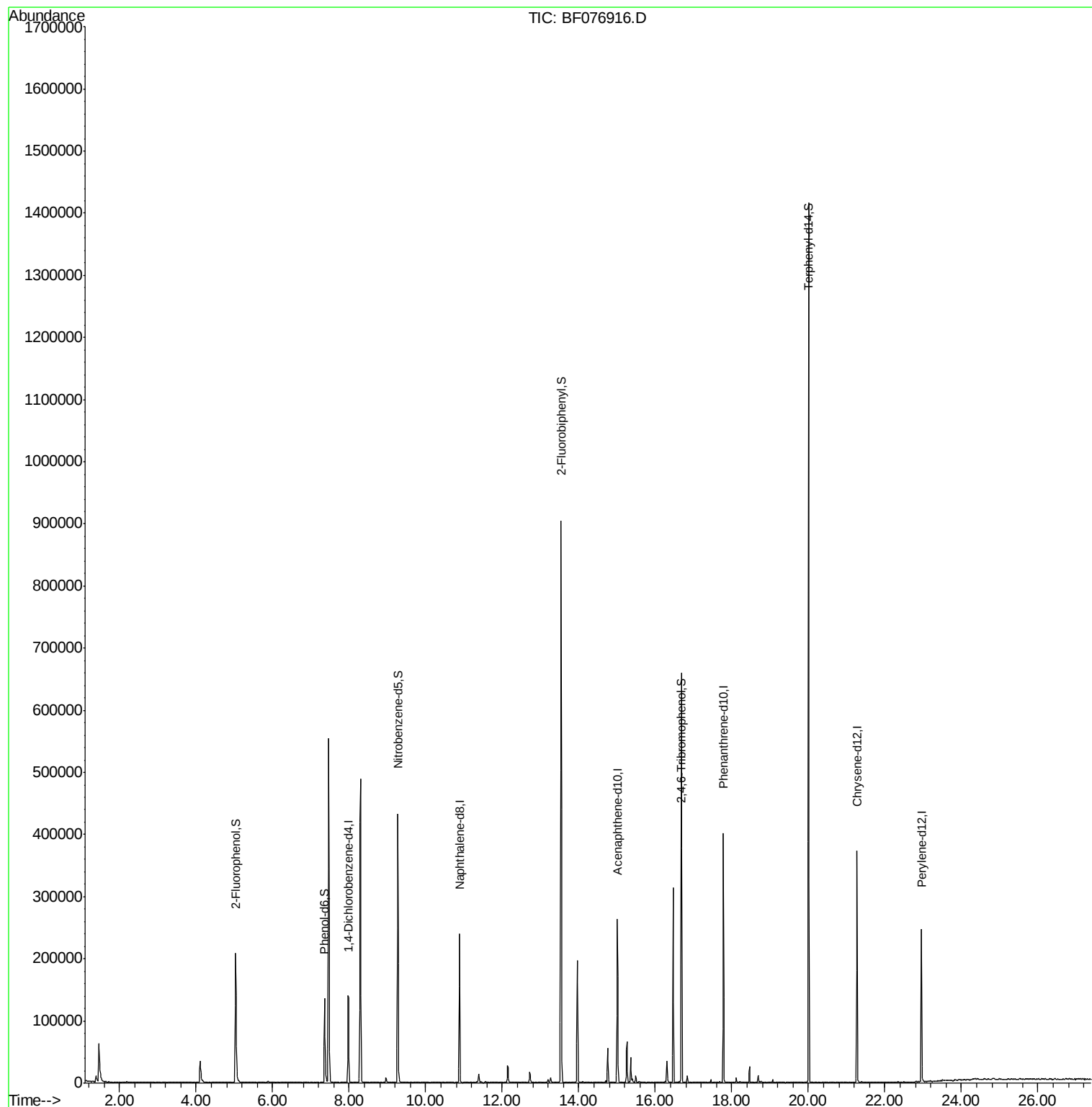
Target Compounds Qvalue

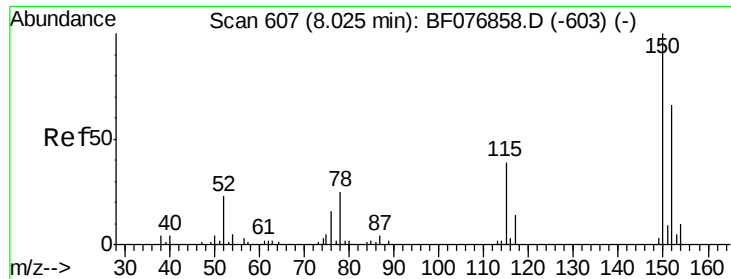
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF076916.D

Acq: 16 Jan 2015 19:38

Instrument :

BNA_F

ClientSampleId :

EBGW01

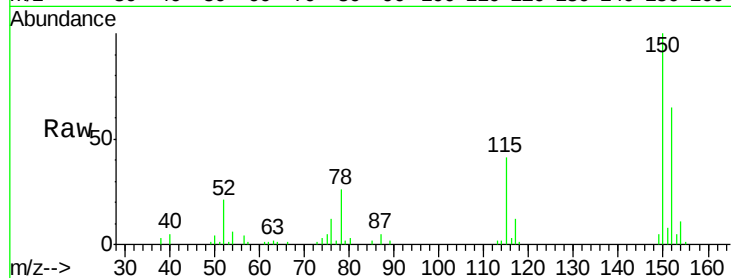
Tot Ion:152 Resp: 42059

Ion Ratio Lower Upper

152 100

150 154.0 121.7 182.5

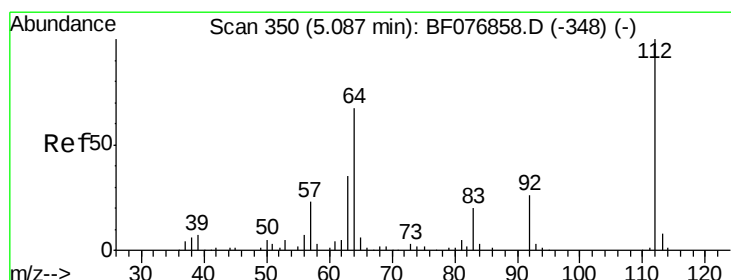
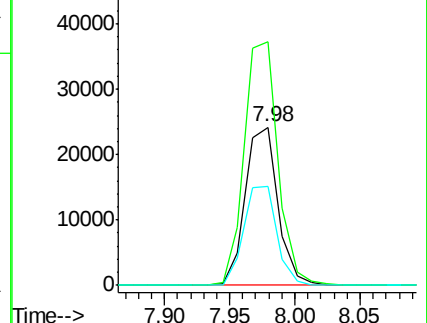
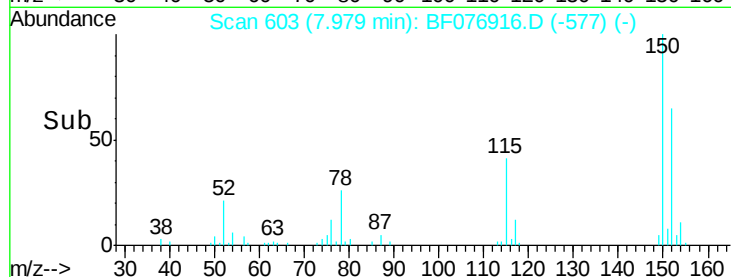
115 62.4 47.0 70.6



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: 44.42 ng

RT: 5.03 min Scan# 345

Delta R.T. -0.01 min

Lab File: BF076916.D

Acq: 16 Jan 2015 19:38

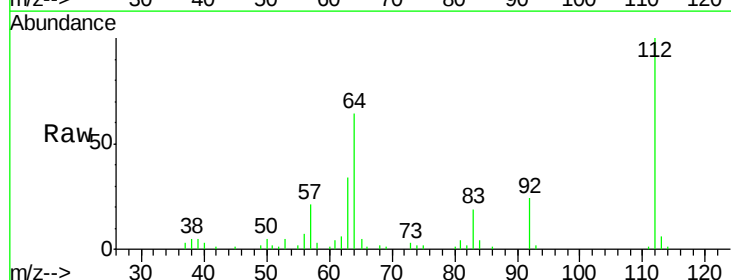
Tgt Ion:112 Resp: 113623

Ion Ratio Lower Upper

112 100

64 64.4 54.2 81.4

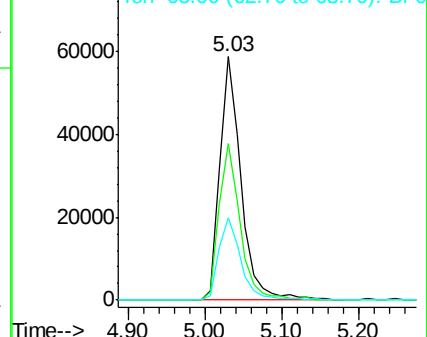
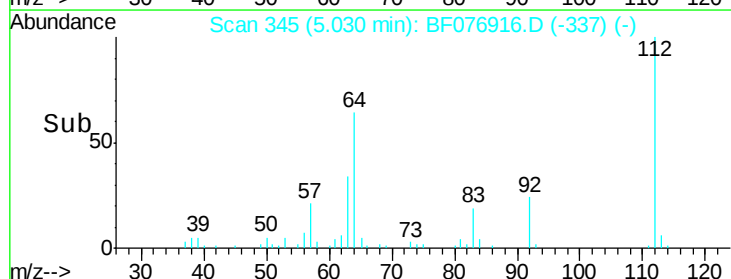
63 33.7 28.4 42.6



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: 25.21 ng

RT: 7.36 min Scan# 549

Delta R.T. -0.01 min

Lab File: BF076916.D

Acq: 16 Jan 2015 19:38

Instrument :

BNA_F

ClientSampleId :

EBGW01

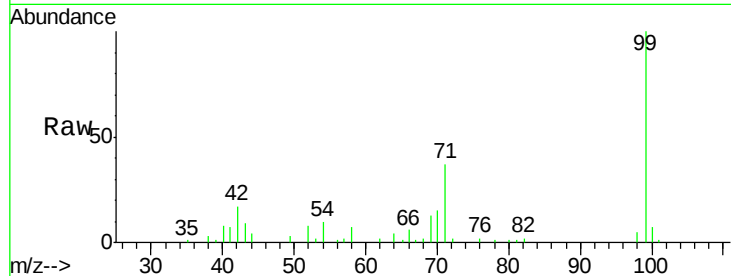
Tot Ion: 99 Resp: 81350

Ion Ratio Lower Upper

99 100

42 16.8 15.0 22.4

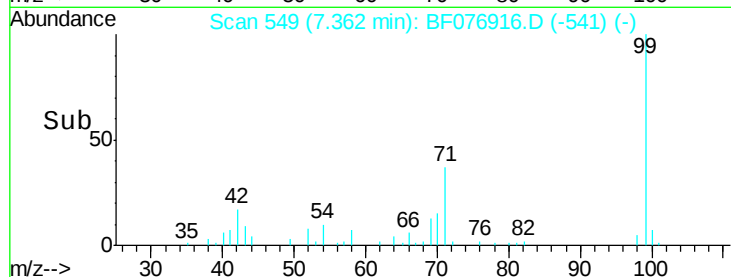
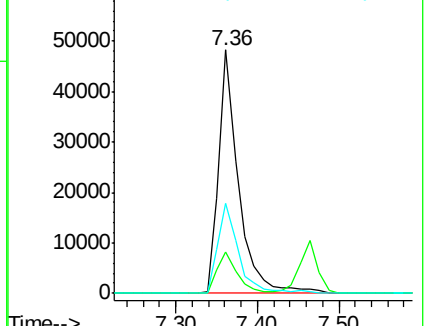
71 36.9 30.5 45.7



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: BF076916.D

Acq: 16 Jan 2015 19:38

Tgt Ion: 136 Resp: 179245

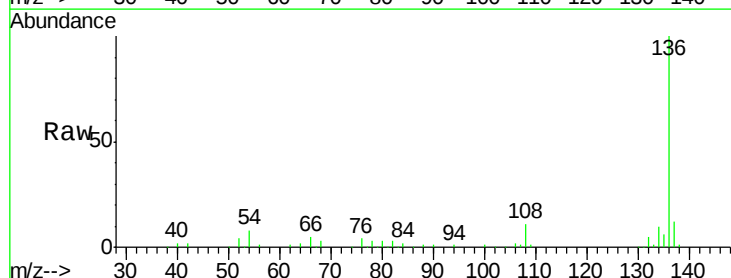
Ion Ratio Lower Upper

136 100

137 11.7 8.1 12.1

54 8.2 7.0 10.4

68 3.3 3.7 5.5#

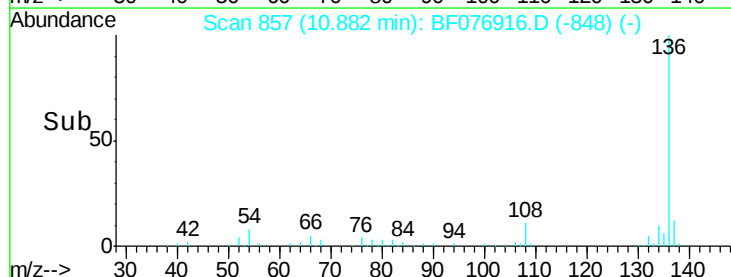
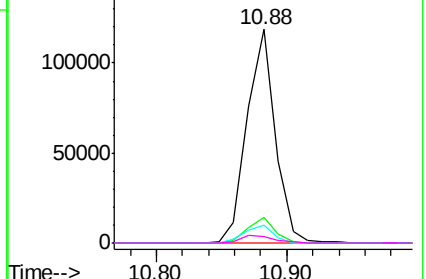


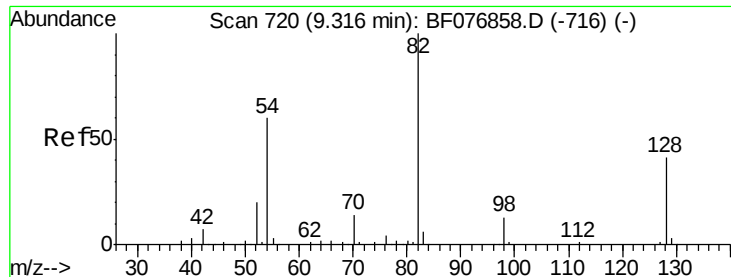
Abundance Ion 136.00 (135.70 to 136.70): E

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

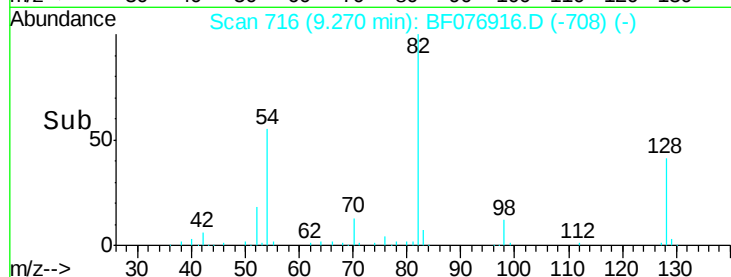
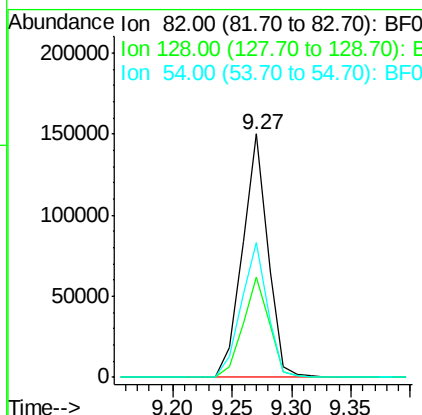
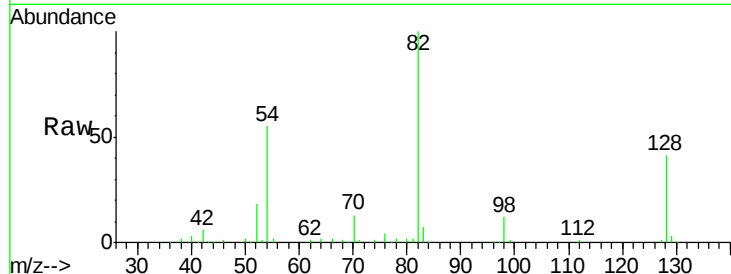




#23
 Nitrobenzene-d5
 Concen: 69.62 ng
 RT: 9.27 min Scan# 716
 Delta R.T. -0.01 min
 Lab File: BF076916.D
 Acq: 16 Jan 2015 19:38

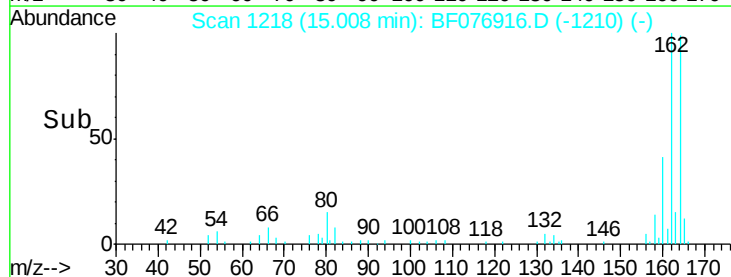
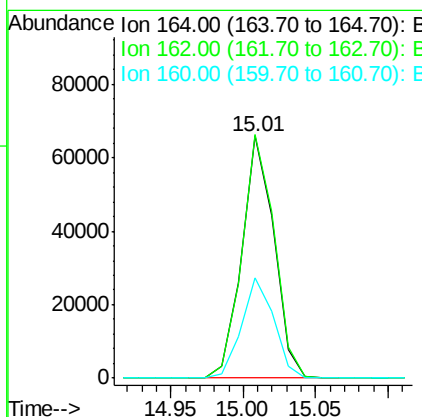
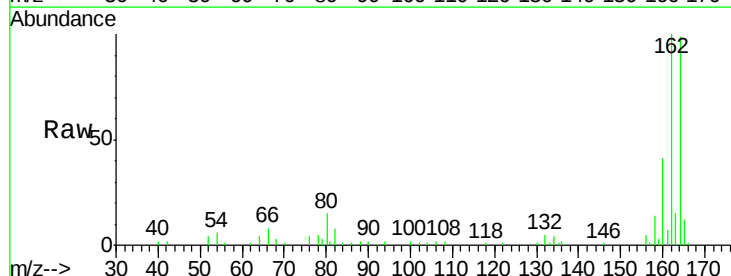
Instrument :
 BNA_F
 ClientSampleId :
 EBGW01

Tot Ion	82	Resp	225254
Ion Ratio	100	Lower	Upper
128	41.0	33.1	49.7
54	55.4	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: BF076916.D
 Acq: 16 Jan 2015 19:38

Tgt Ion	164	Resp	101660
Ion Ratio	100	Lower	Upper
162	100.6	82.4	123.6
160	41.6	34.8	52.2

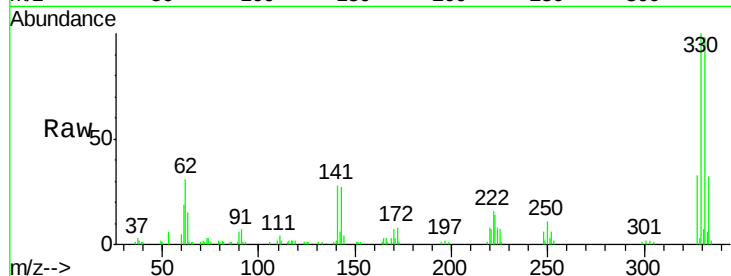




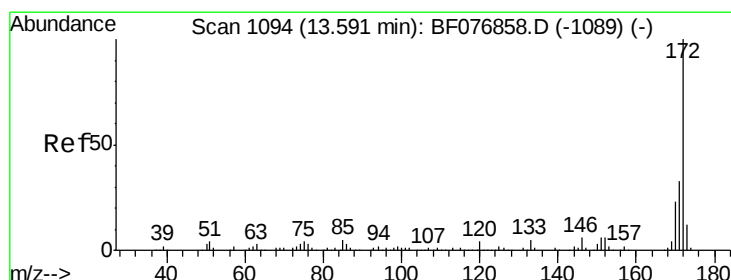
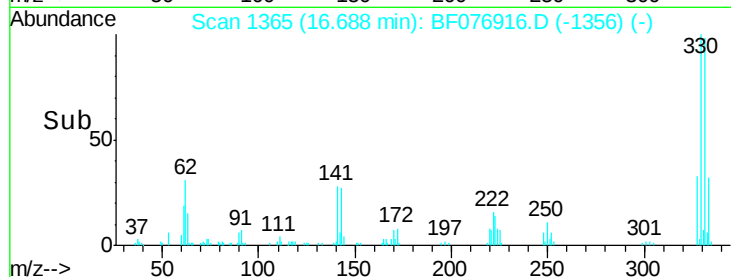
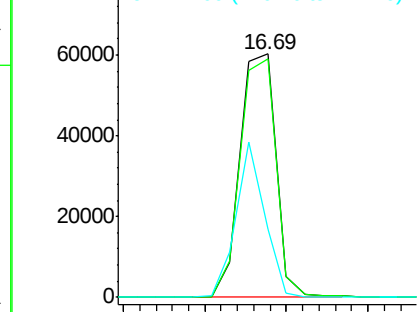
#41
 2,4,6-Tribromophenol
 Concen: 111.57 ng
 RT: 16.69 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: BF076916.D
 Acq: 16 Jan 2015 19:38

Instrument :
 BNA_F
 ClientSampleId :
 EBGW01

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.8	116.6
141	50.8	38.5	57.7

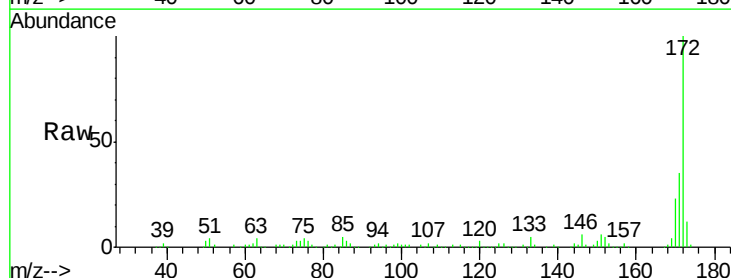


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

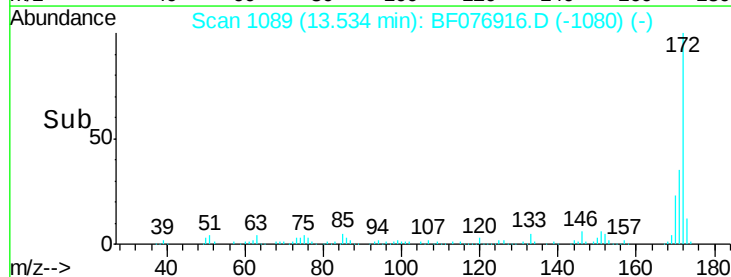
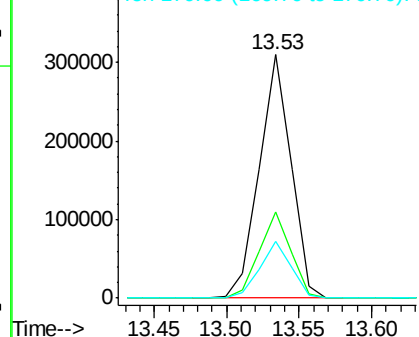


#44
 2-Fluorobiphenyl
 Concen: 70.74 ng
 RT: 13.53 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: BF076916.D
 Acq: 16 Jan 2015 19:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	26.6	40.0
170	23.4	18.0	27.0



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

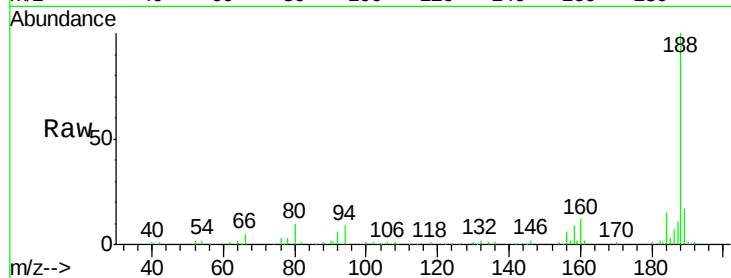




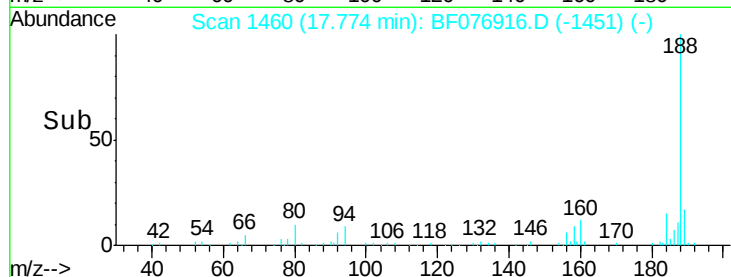
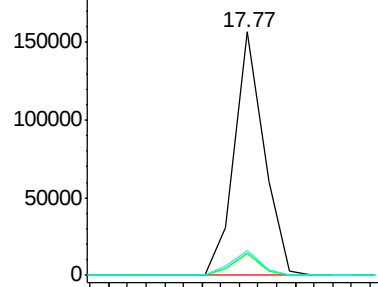
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.77 min Scan# 1460
Delta R.T. -0.00 min
Lab File: BF076916.D
Acq: 16 Jan 2015 19:38

Instrument :
BNA_F
ClientSampleId :
EBGW01

Tot Ion:188 Resp: 172799
Ion Ratio Lower Upper
188 100
94 9.4 6.0 9.0#
80 10.0 6.9 10.3

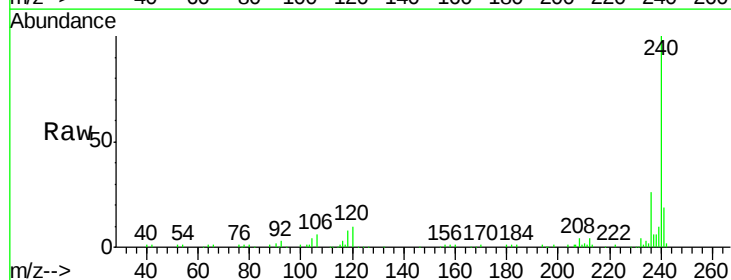


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

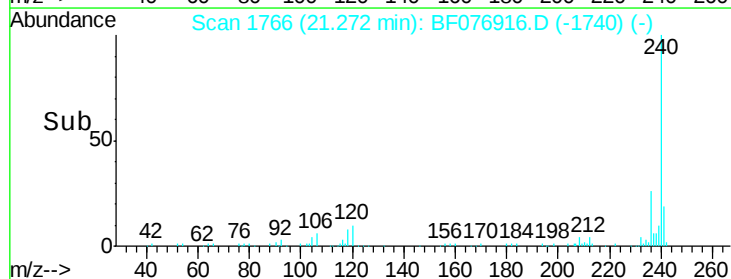
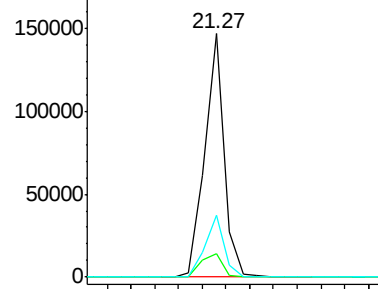


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.27 min Scan# 1766
Delta R.T. -0.00 min
Lab File: BF076916.D
Acq: 16 Jan 2015 19:38

Tgt Ion:240 Resp: 165436
Ion Ratio Lower Upper
240 100
120 9.7 10.4 15.6#
236 25.6 20.2 30.2



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: 68.12 ng

RT: 20.00 min Scan# 1655

Delta R.T. -0.00 min

Lab File: BF076916.D

Acq: 16 Jan 2015 19:38

Instrument :

BNA_F

ClientSampleId :

EBGW01

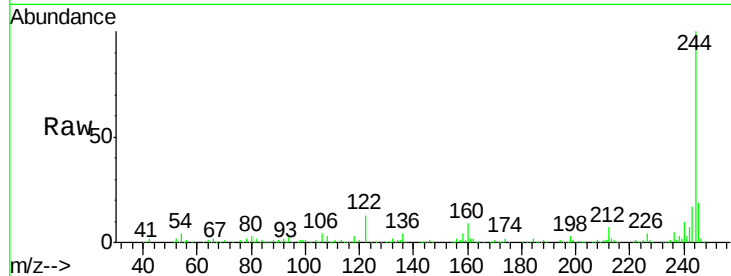
Tot Ion:244 Resp: 489529

Ion Ratio Lower Upper

244 100

212 7.5 6.3 9.5

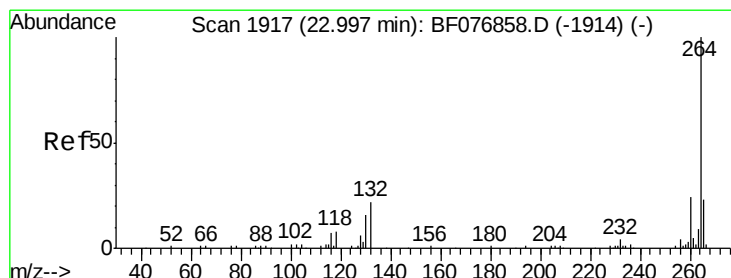
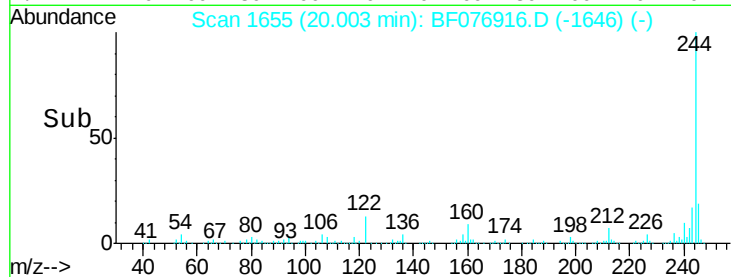
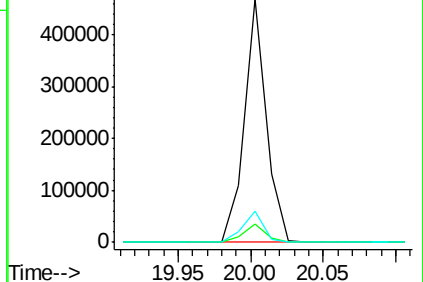
122 13.0 10.1 15.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 22.96 min Scan# 1914

Delta R.T. 0.01 min

Lab File: BF076916.D

Acq: 16 Jan 2015 19:38

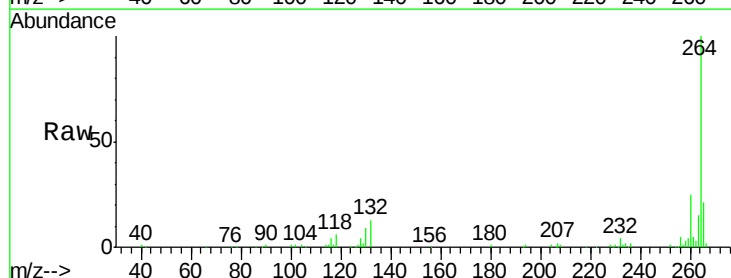
Tgt Ion:264 Resp: 143724

Ion Ratio Lower Upper

264 100

260 24.8 19.0 28.4

265 21.3 18.1 27.1



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

