

Data Path : Z:\HPCHEM1\BNA F\Data\BF011915\
 Data File : BF076930.D
 Acq On : 19 Jan 2015 15:23
 Operator : IZ / TP
 Sample : G1101-13
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 20 00:41:24 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 19 23:54:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	30102	20.00	ng	-0.01
21) Naphthalene-d8	10.88	136	126911	20.00	ng	0.00
38) Acenaphthene-d10	15.01	164	68351	20.00	ng	-0.01
63) Phenanthrene-d10	17.77	188	114571	20.00	ng	0.00
75) Chrysene-d12	21.27	240	110086	20.00	ng	0.00
86) Perylene-d12	22.92	264	96082	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	120445	65.79	ng	0.00
7) Phenol-d6	7.36	99	93350	40.42	ng	-0.01
23) Nitrobenzene-d5	9.27	82	197795	86.34	ng	-0.01
41) 2,4,6-Tribromophenol	16.68	330	72967	131.51	ng	-0.01
44) 2-Fluorobiphenyl	13.53	172	399030	88.84	ng	0.00
78) Terphenyl-d14	20.00	244	359298	75.14	ng	0.00

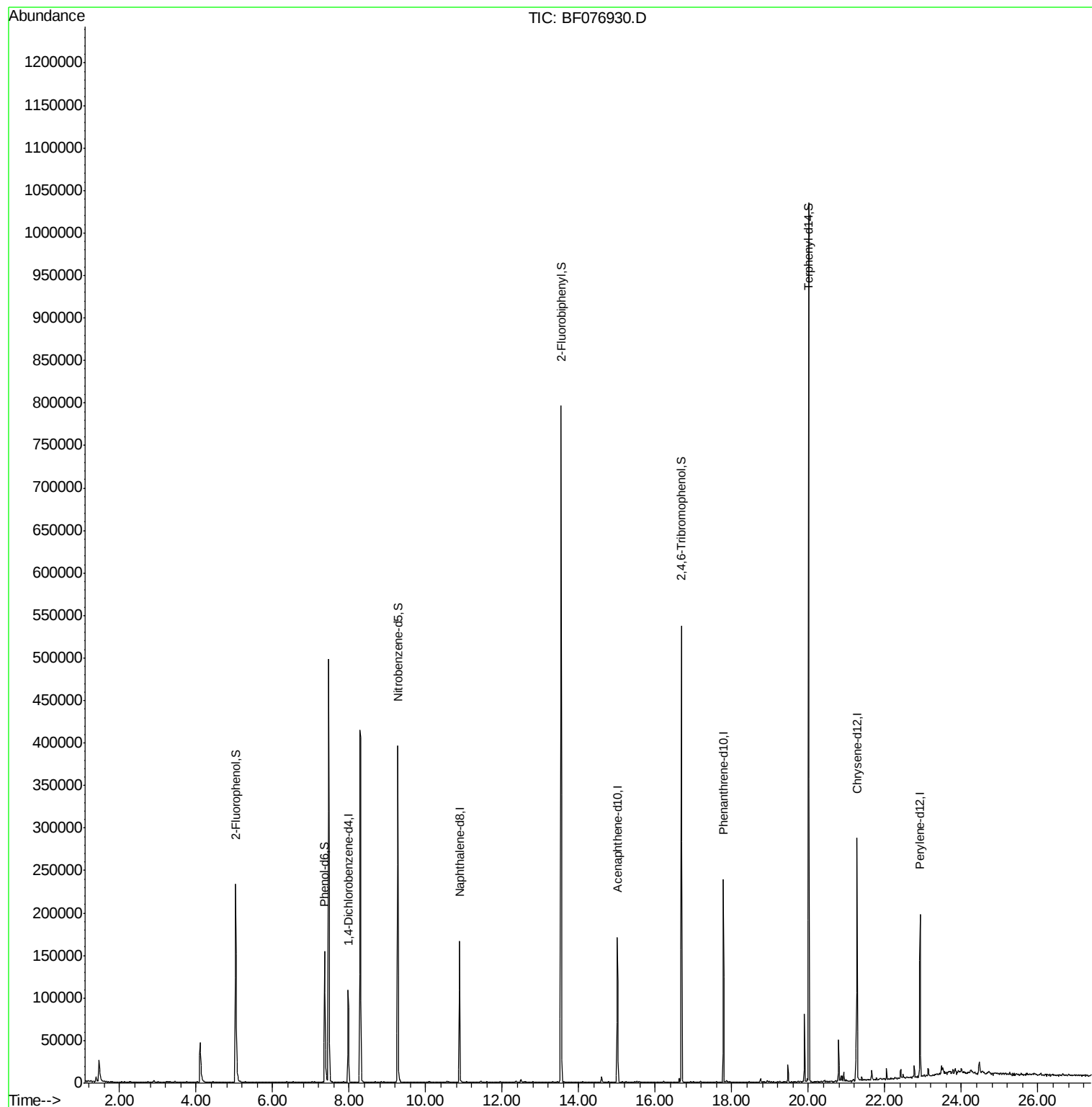
Target Compounds Qvalue

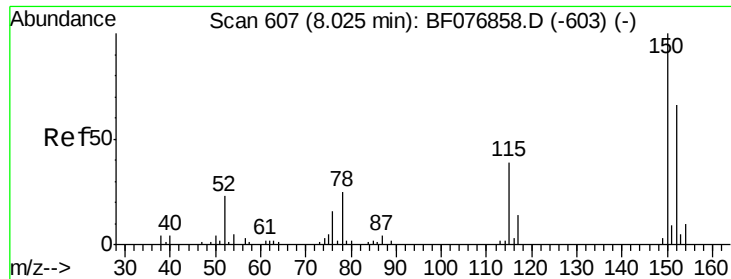
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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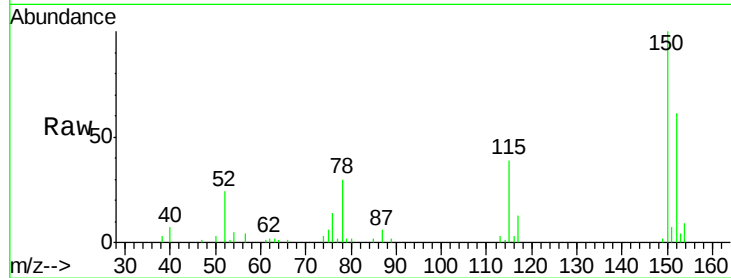


#1

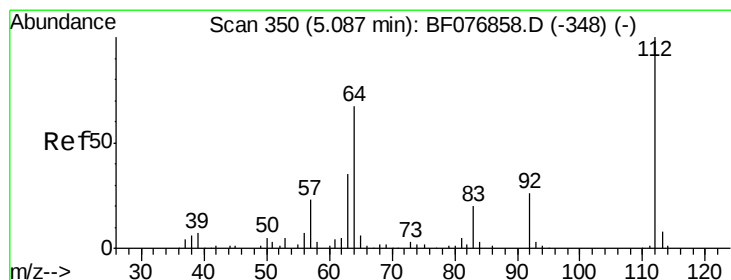
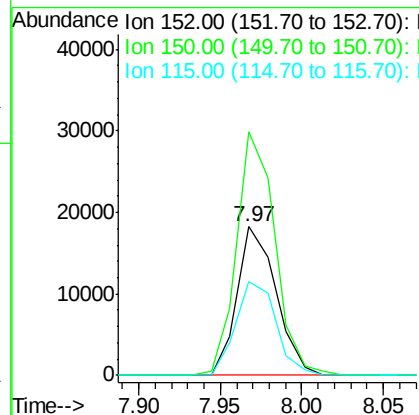
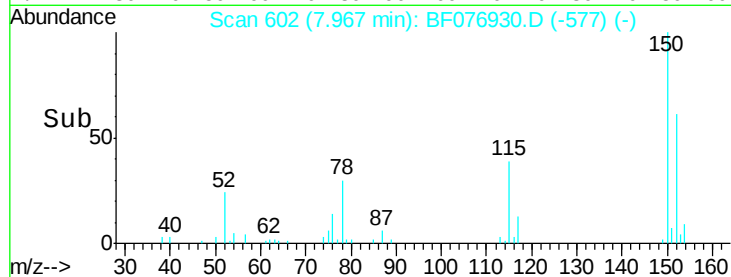
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.97 min Scan# 602
Delta R.T. -0.01 min
Lab File: BF076930.D
Acq: 19 Jan 2015 15:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 30102
Ion Ratio Lower Upper
152 100
150 163.9 121.7 182.5
115 63.4 47.0 70.6



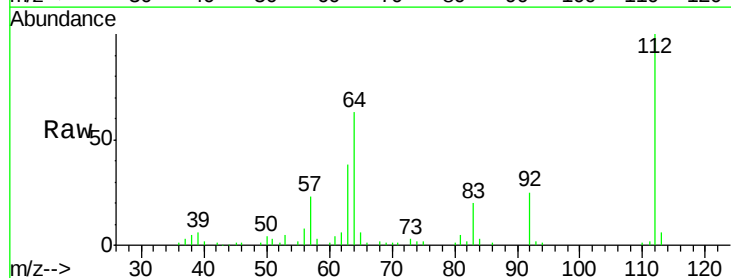
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



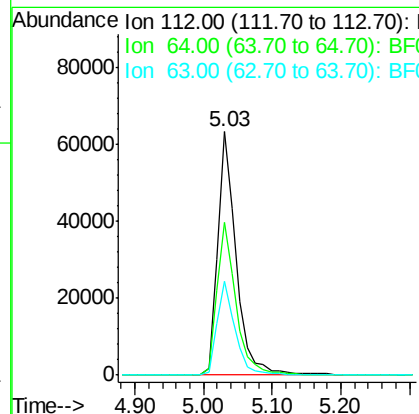
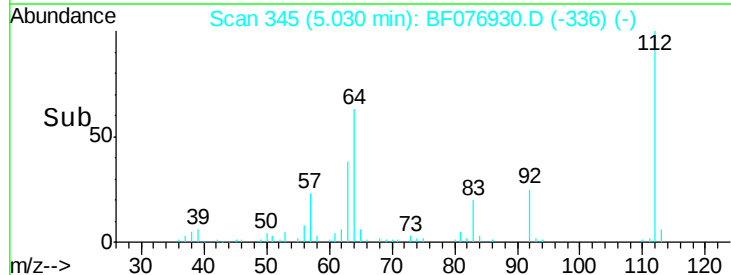
#5

2-Fluorophenol
Concen: 65.79 ng
RT: 5.03 min Scan# 345
Delta R.T. -0.00 min
Lab File: BF076930.D
Acq: 19 Jan 2015 15:23

Tgt Ion:112 Resp: 120445
Ion Ratio Lower Upper
112 100
64 63.0 54.2 81.4
63 38.3 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: 40.42 ng

RT: 7.36 min Scan# 549

Delta R.T. -0.01 min

Lab File: BF076930.D

Acq: 19 Jan 2015 15:23

Instrument :

BNA_F

ClientSampleId :

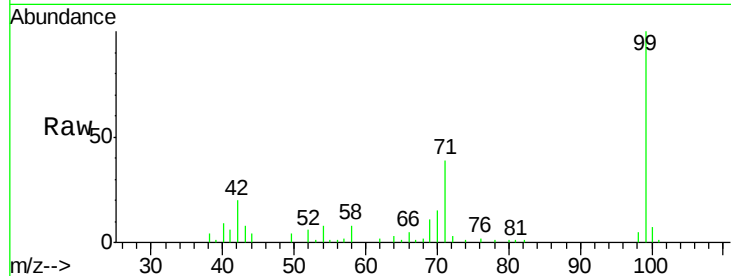
Tot Ion: 99 Resp: 93350

Ion Ratio Lower Upper

99 100

42 19.6 15.0 22.4

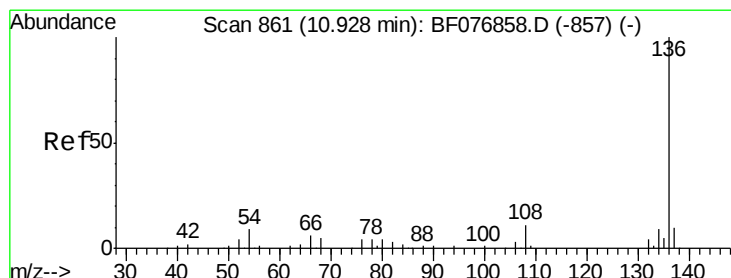
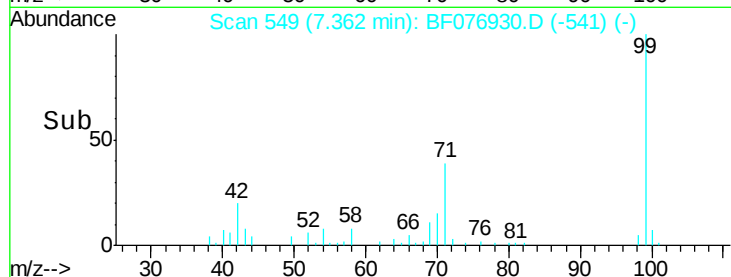
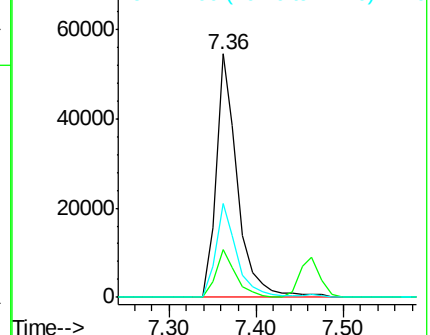
71 38.7 30.5 45.7



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: BF076930.D

Acq: 19 Jan 2015 15:23

Tgt Ion: 136 Resp: 126911

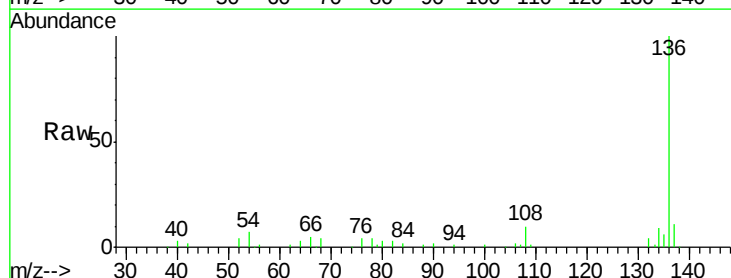
Ion Ratio Lower Upper

136 100

137 11.5 8.1 12.1

54 7.4 7.0 10.4

68 4.4 3.7 5.5

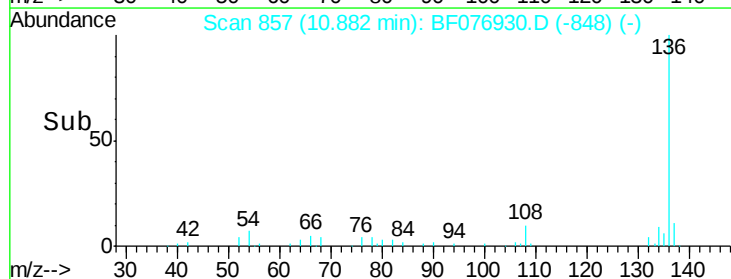
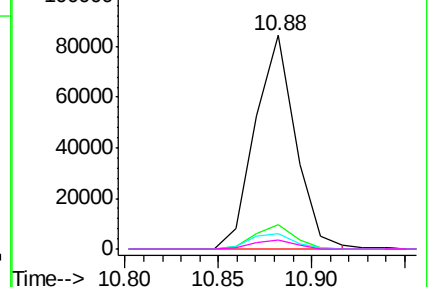


Abundance Ion 136.00 (135.70 to 136.70): E

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

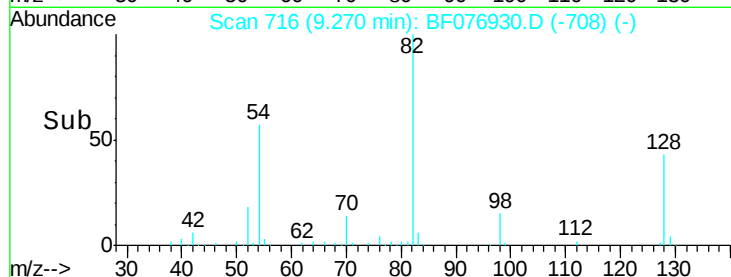
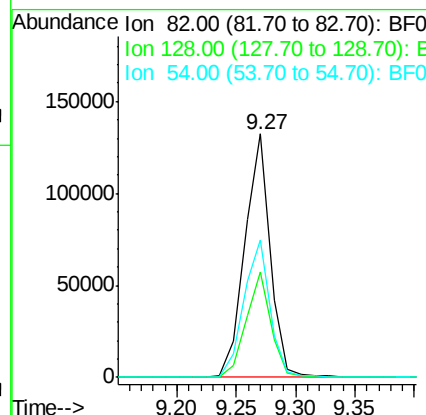
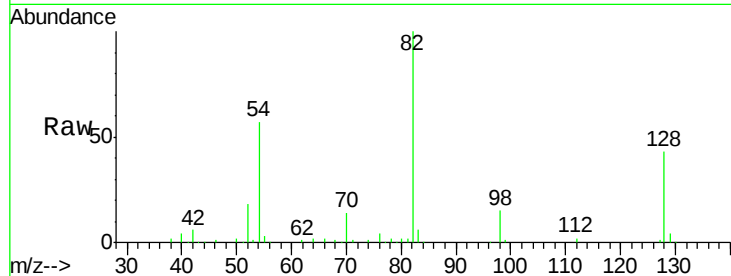




#23
 Nitrobenzene-d5
 Concen: 86.34 ng
 RT: 9.27 min Scan# 716
 Delta R.T. -0.01 min
 Lab File: BF076930.D
 Acq: 19 Jan 2015 15:23

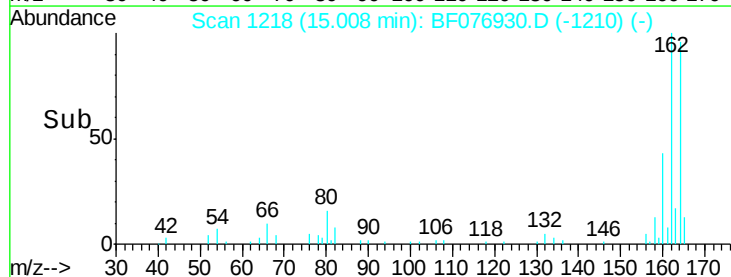
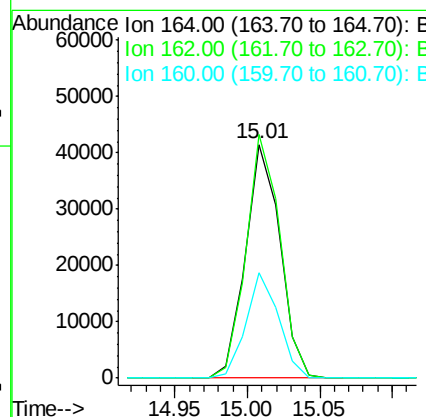
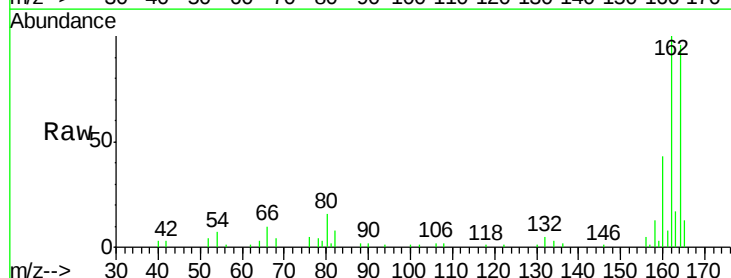
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	197795
Ion Ratio	100	Lower	Upper
128	43.3	33.1	49.7
54	56.6	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: BF076930.D
 Acq: 19 Jan 2015 15:23

Tgt Ion	164	Resp	68351
Ion Ratio	100	Lower	Upper
162	104.2	82.4	123.6
160	45.2	34.8	52.2

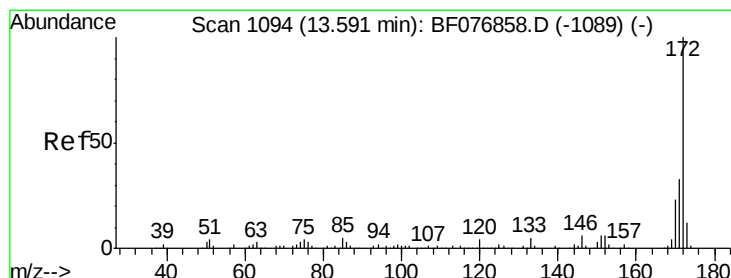
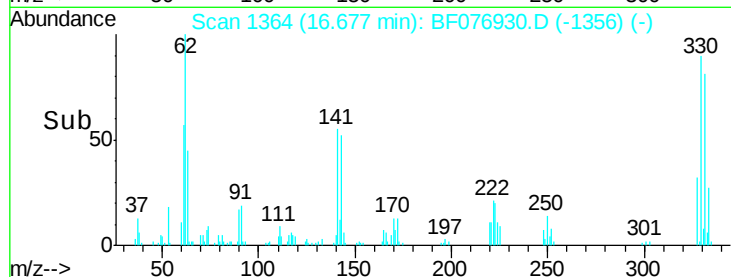
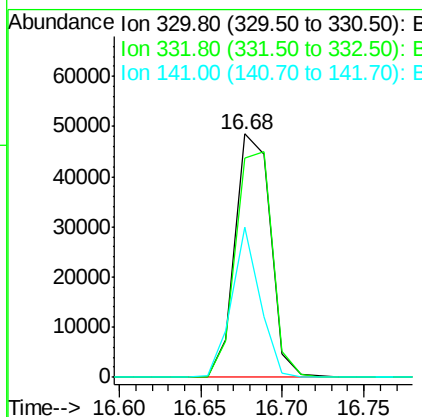
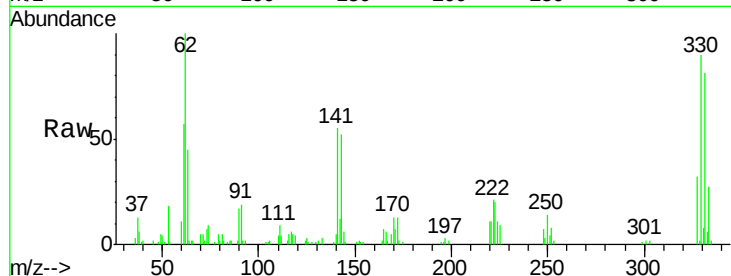




#41
 2,4,6-Tribromophenol
 Concen: 131.51 ng
 RT: 16.68 min Scan# 1364
 Delta R.T. -0.01 min
 Lab File: BF076930.D
 Acq: 19 Jan 2015 15:23

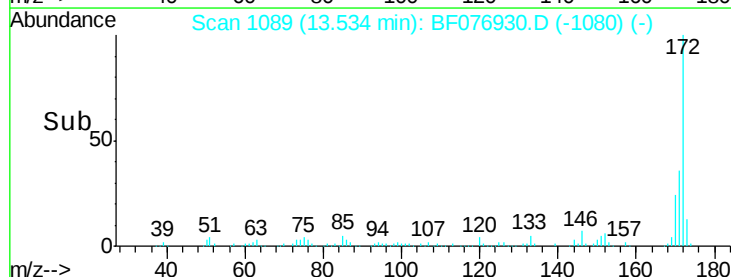
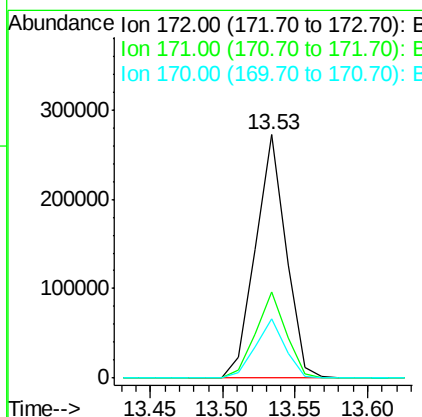
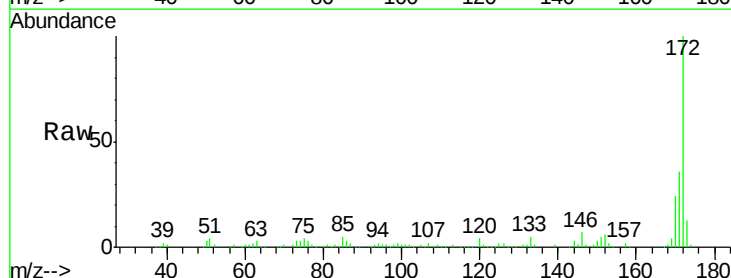
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.8	116.6
141	49.5	38.5	57.7



#44
 2-Fluorobiphenyl
 Concen: 88.84 ng
 RT: 13.53 min Scan# 1089
 Delta R.T. -0.00 min
 Lab File: BF076930.D
 Acq: 19 Jan 2015 15:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	26.6	40.0
170	24.2	18.0	27.0

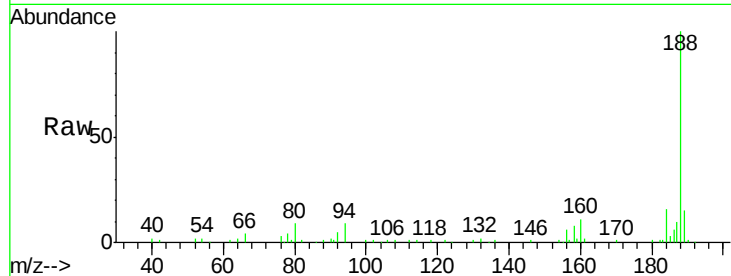




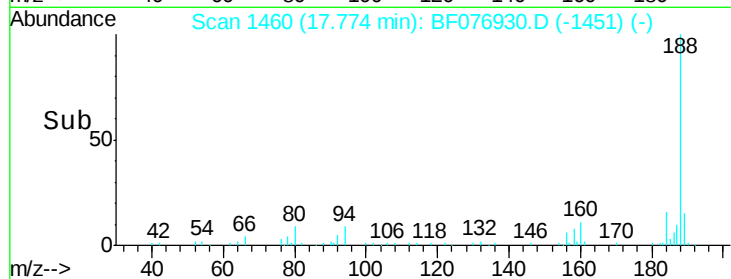
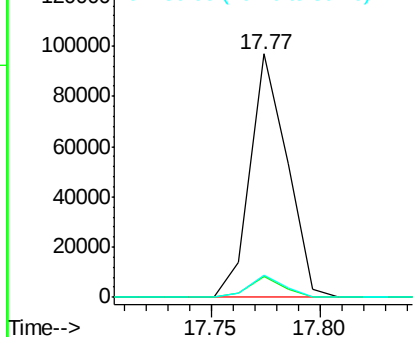
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.77 min Scan# 1460
Delta R.T. -0.00 min
Lab File: BF076930.D
Acq: 19 Jan 2015 15:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 114571
Ion Ratio Lower Upper
188 100
94 8.6 6.0 9.0
80 9.0 6.9 10.3

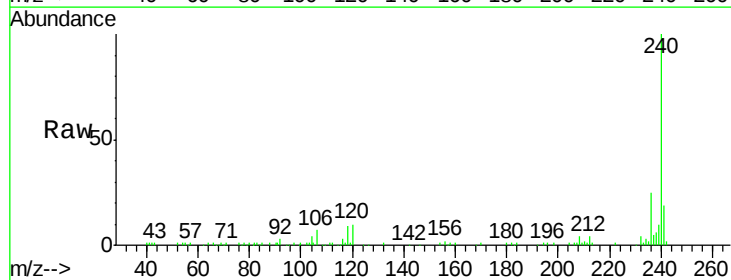


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

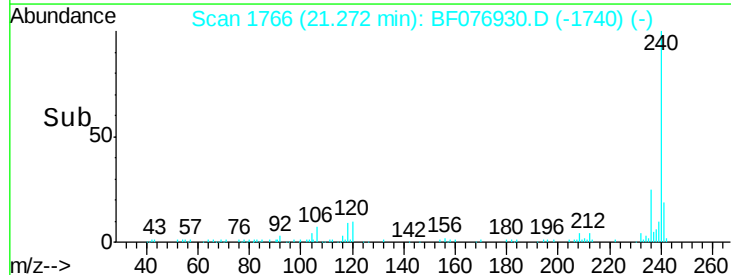
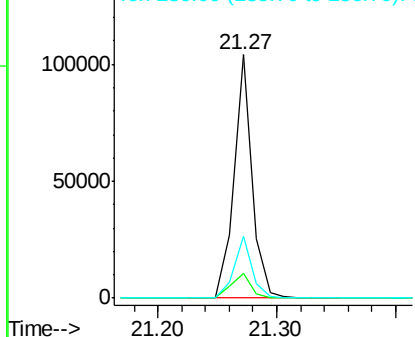


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.27 min Scan# 1766
Delta R.T. -0.00 min
Lab File: BF076930.D
Acq: 19 Jan 2015 15:23

Tgt Ion:240 Resp: 110086
Ion Ratio Lower Upper
240 100
120 10.4 10.4 15.6#
236 25.4 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: 75.14 ng

RT: 20.00 min Scan# 1655

Delta R.T. -0.00 min

Lab File: BF076930.D

Acq: 19 Jan 2015 15:23

Instrument :

BNA_F

ClientSampleId :

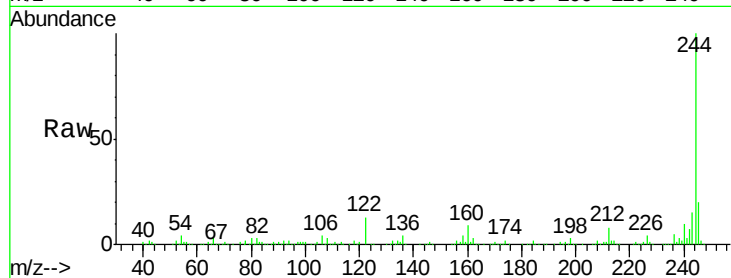
Tot Ion:244 Resp: 359298

Ion Ratio Lower Upper

244 100

212 7.9 6.3 9.5

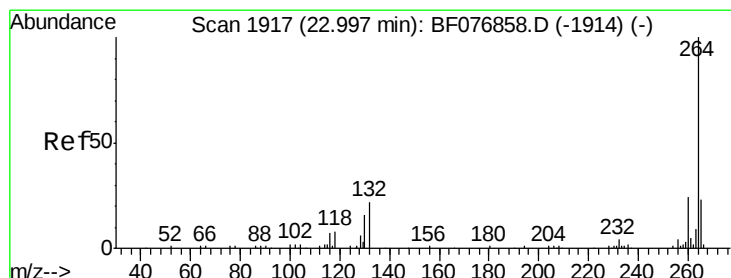
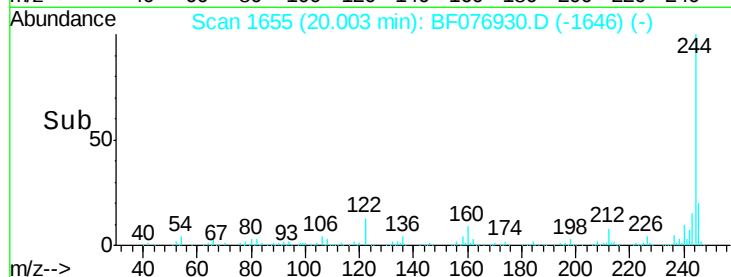
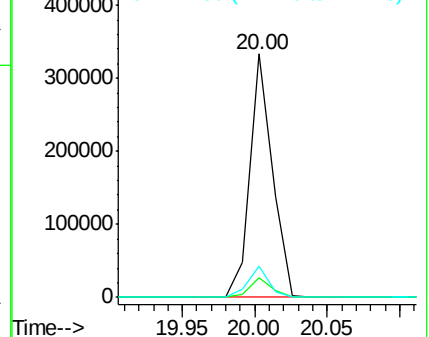
122 13.1 10.1 15.1



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: 22.92 min Scan# 1910

Delta R.T. -0.02 min

Lab File: BF076930.D

Acq: 19 Jan 2015 15:23

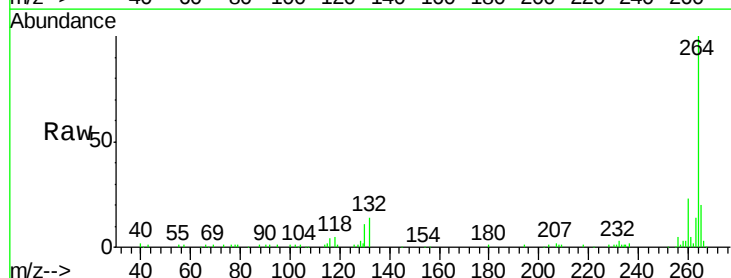
Tgt Ion:264 Resp: 96082

Ion Ratio Lower Upper

264 100

260 23.1 19.0 28.4

265 19.8 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

