

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011215\
 Data File : BF076816.D
 Acq On : 12 Jan 2015 19:31
 Operator : IZ / TP
 Sample : G1030-11
 Misc : S
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP4-SS-2(4-6)

Quant Time: Jan 13 00:56:19 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 12 10:43:48 2015
 Response via : Initial Calibration

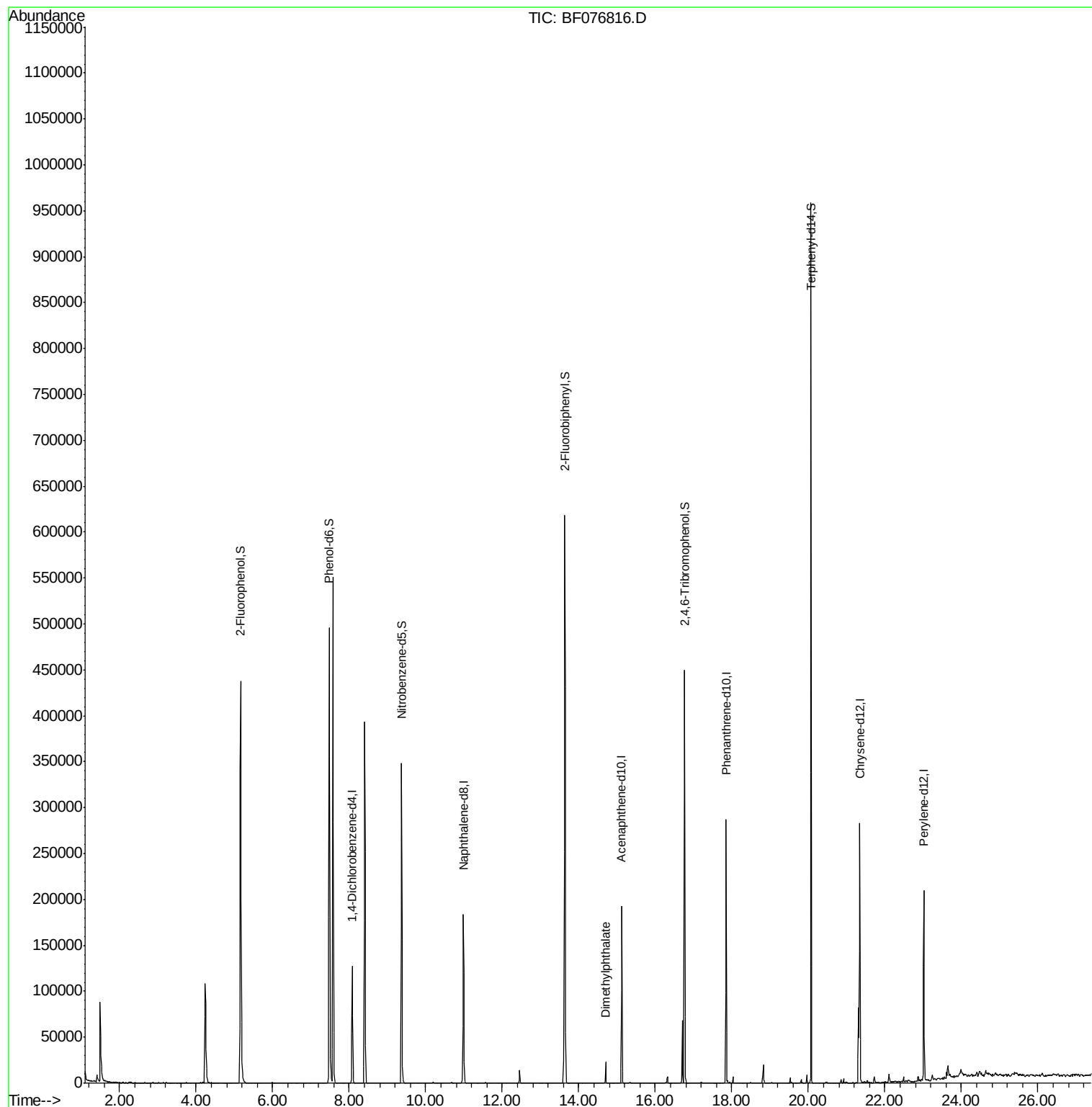
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	31176	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	139625	20.00	ng	-0.01
38) Acenaphthene-d10	15.12	164	72692	20.00	ng	-0.01
63) Phenanthrene-d10	17.85	188	124178	20.00	ng	0.00
75) Chrysene-d12	21.34	240	113840	20.00	ng	-0.01
86) Perylene-d12	23.02	264	104904	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	218949	117.19	ng	-0.01
7) Phenol-d6	7.48	99	277185	117.85	ng	-0.02
23) Nitrobenzene-d5	9.37	82	171255	68.16	ng	-0.01
41) 2,4,6-Tribromophenol	16.77	330	64144	105.72	ng	-0.01
44) 2-Fluorobiphenyl	13.64	172	332079	67.24	ng	-0.01
78) Terphenyl-d14	20.07	244	325973	62.87	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.70	163	18695	3.54	ng	Qvalue # 97

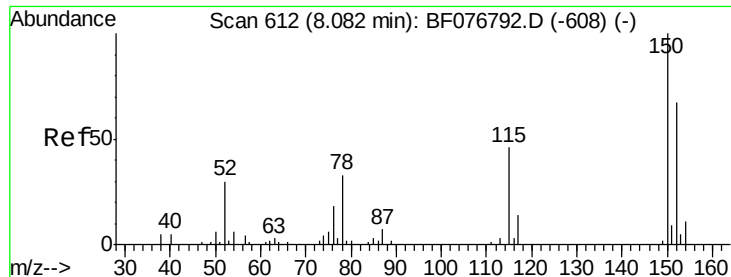
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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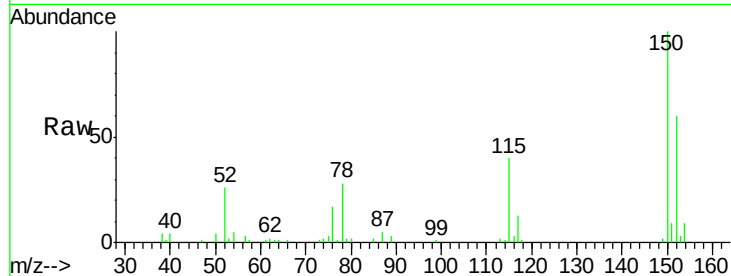


#1

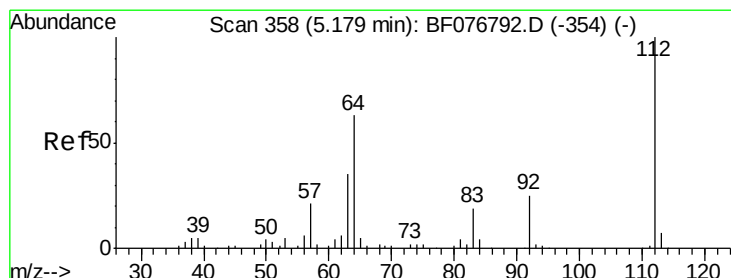
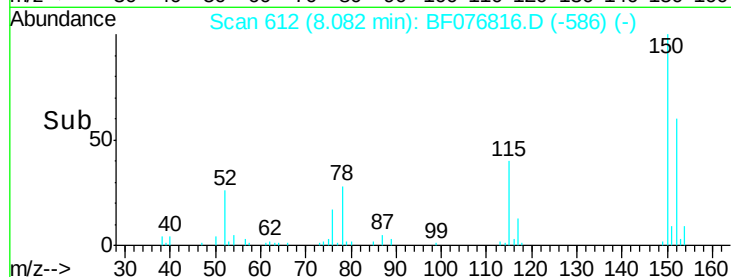
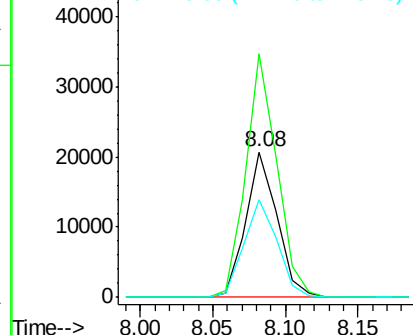
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.08 min Scan# 612
Delta R.T. 0.00 min
Lab File: BF076816.D
Acq: 12 Jan 2015 19:31

Instrument :
BNA_F
ClientSampleId :
TP4-SS-2(4-6)

Tot Ion:152 Resp: 31176
Ion Ratio Lower Upper
152 100
150 167.2 119.5 179.3
115 67.3 54.6 81.8



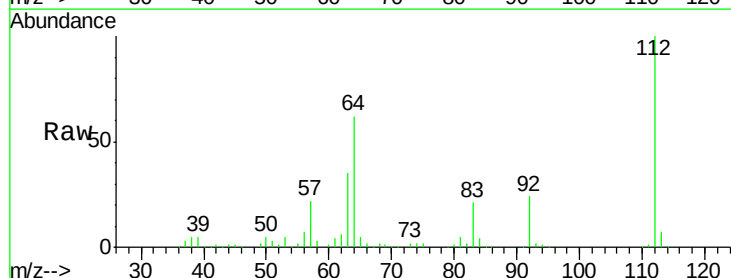
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



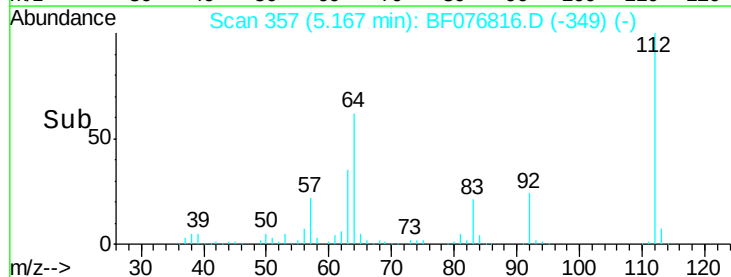
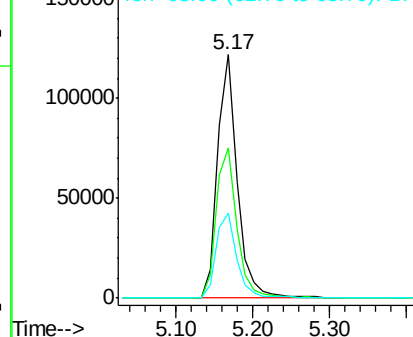
#5

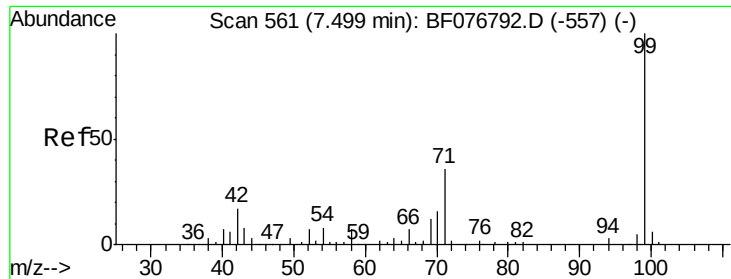
2-Fluorophenol
Concen: 117.19 ng
RT: 5.17 min Scan# 357
Delta R.T. -0.01 min
Lab File: BF076816.D
Acq: 12 Jan 2015 19:31

Tgt Ion:112 Resp: 218949
Ion Ratio Lower Upper
112 100
64 61.9 50.2 75.4
63 34.8 27.8 41.6



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: 117.85 ng

RT: 7.48 min Scan# 559

Delta R.T. -0.02 min

Lab File: BF076816.D

Acq: 12 Jan 2015 19:31

Instrument :

BNA_F

ClientSampleId :

TP4-SS-2(4-6)

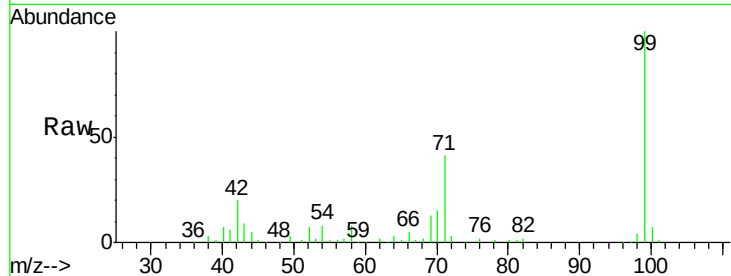
Tot Ion: 99 Resp: 277185

Ion Ratio Lower Upper

99 100

42 20.0 13.3 19.9#

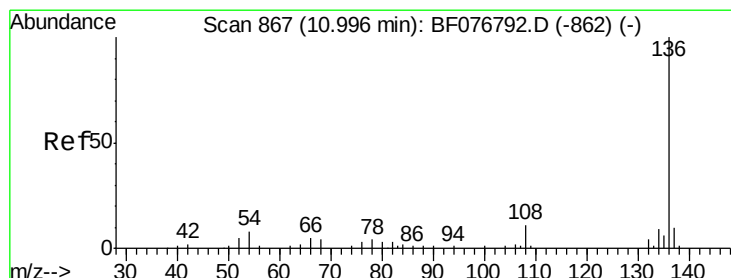
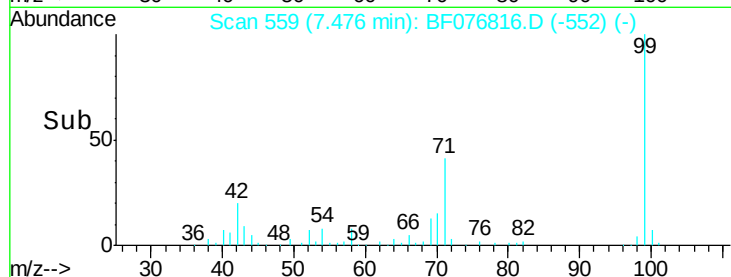
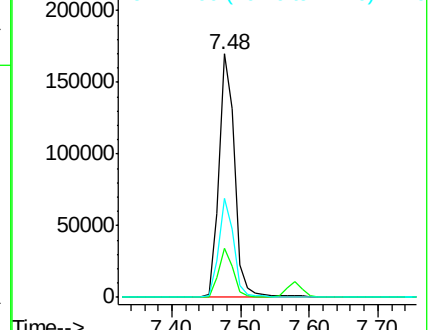
71 40.8 29.2 43.8



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: 10.99 min Scan# 866

Delta R.T. -0.01 min

Lab File: BF076816.D

Acq: 12 Jan 2015 19:31

Tgt Ion: 136 Resp: 139625

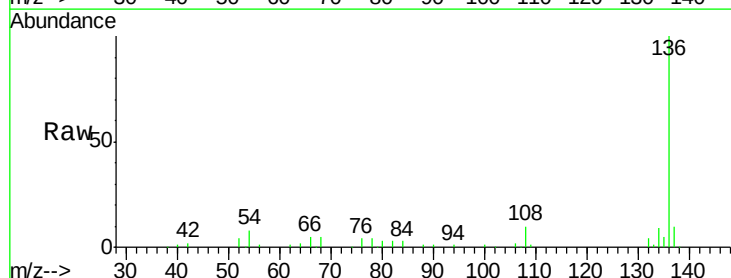
Ion Ratio Lower Upper

136 100

137 10.1 8.1 12.1

54 7.9 6.3 9.5

68 4.8 3.4 5.0

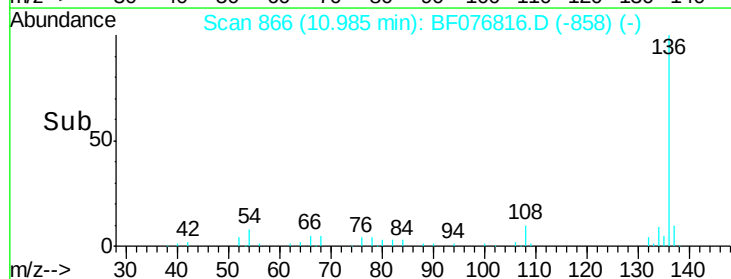
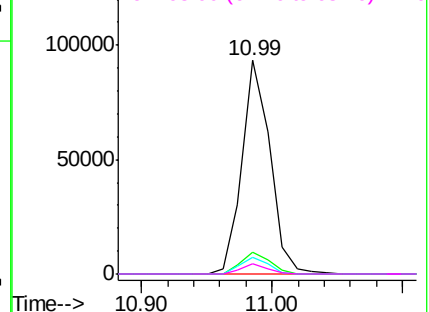


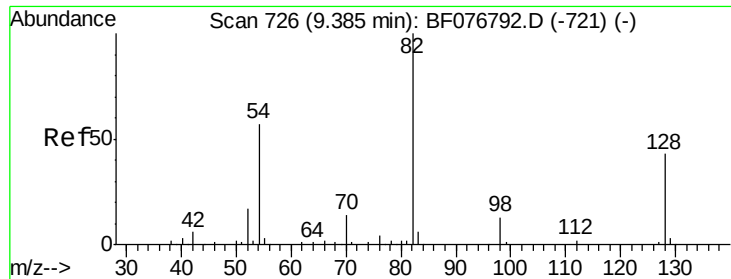
Abundance Ion 136.00 (135.70 to 136.70): E

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

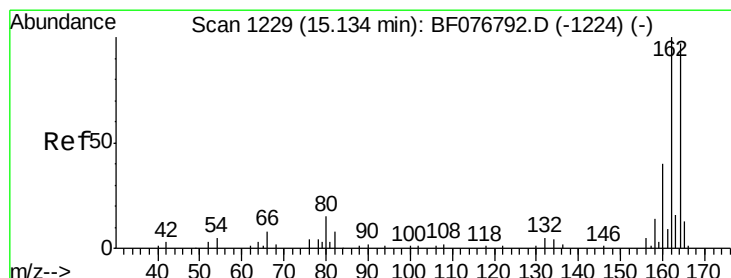
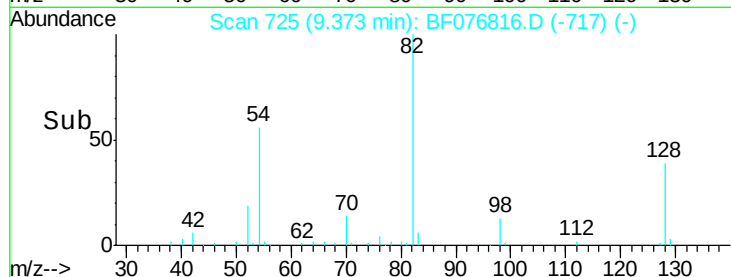
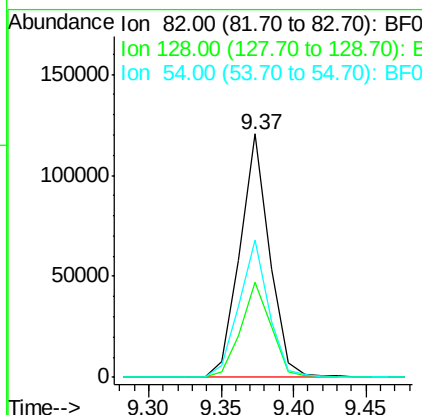
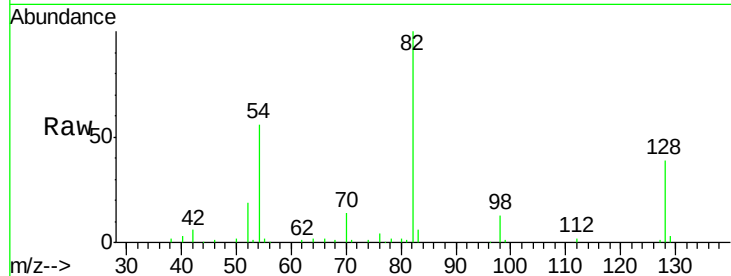




#23
 Nitrobenzene-d5
 Concen: 68.16 ng
 RT: 9.37 min Scan# 725
 Delta R.T. -0.01 min
 Lab File: BF076816.D
 Acq: 12 Jan 2015 19:31

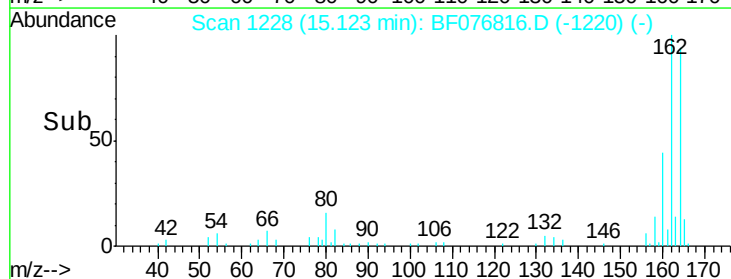
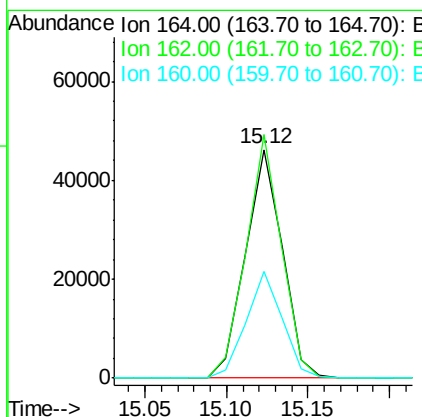
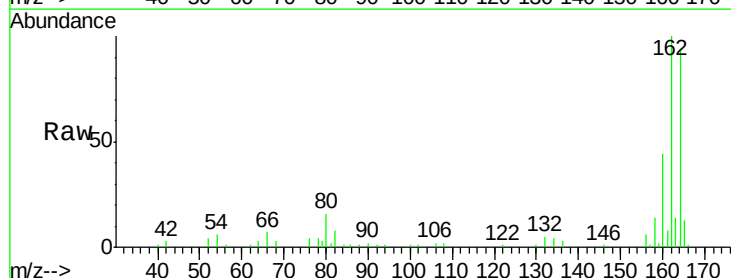
Instrument :
 BNA_F
 ClientSampleId :
 TP4-SS-2(4-6)

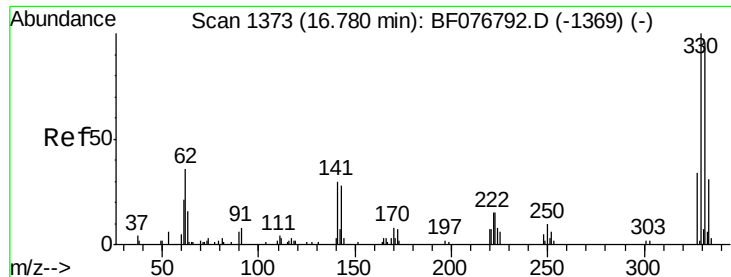
Tot Ion	82	Resp	171255
Ion Ratio	Lower	Upper	
82	100		
128	39.2	34.0	51.0
54	56.3	45.6	68.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.12 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF076816.D
 Acq: 12 Jan 2015 19:31

Tgt Ion	164	Resp	72692
Ion Ratio <td>Lower</td> <td>Upper</td> <td></td>	Lower	Upper	
164	100		
162	106.5	82.5	123.7
160	46.6	33.1	49.7

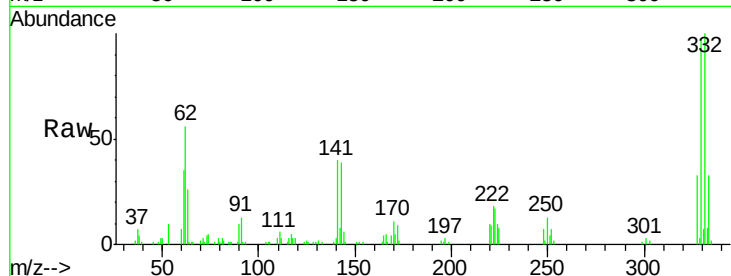




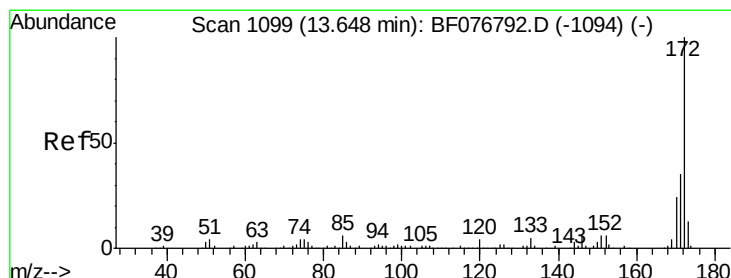
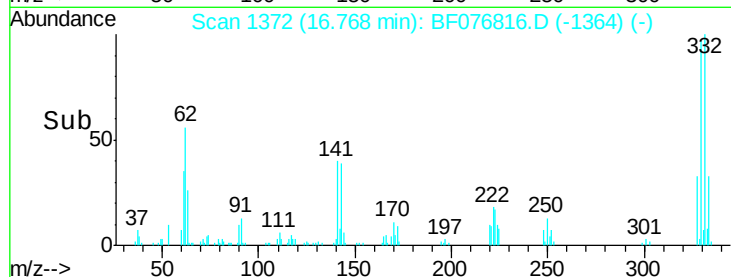
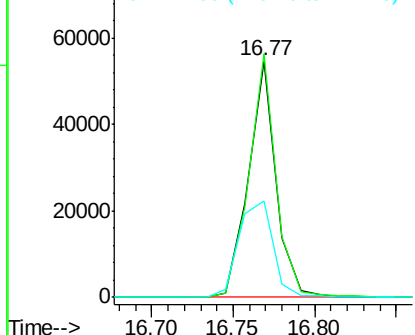
#41
 2,4,6-Tribromophenol
 Concen: 105.72 ng
 RT: 16.77 min Scan# 1372
 Delta R.T. -0.01 min
 Lab File: BF076816.D
 Acq: 12 Jan 2015 19:31

Instrument :
 BNA_F
 ClientSampleId :
 TP4-SS-2(4-6)

Tot Ion:330 Resp: 64144
 Ion Ratio Lower Upper
 330 100
 332 101.5 74.8 112.2
 141 50.9 42.4 63.6

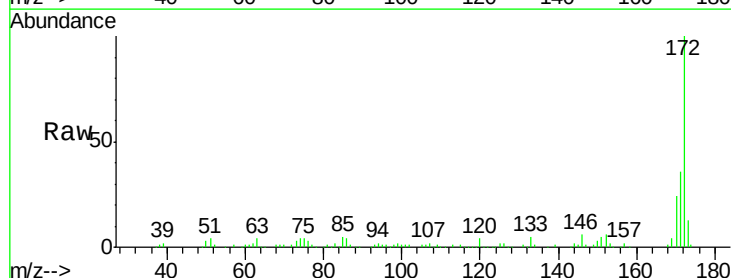


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

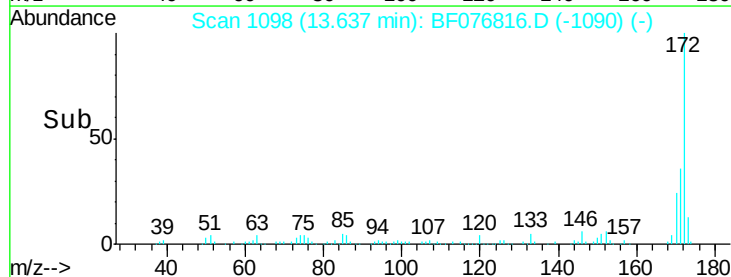
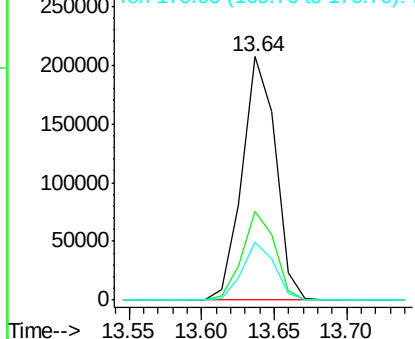


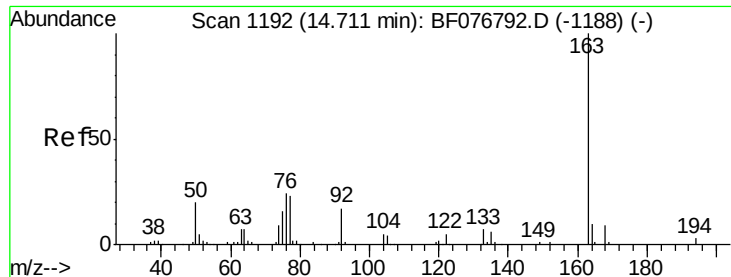
#44
 2-Fluorobiphenyl
 Concen: 67.24 ng
 RT: 13.64 min Scan# 1098
 Delta R.T. -0.01 min
 Lab File: BF076816.D
 Acq: 12 Jan 2015 19:31

Tgt Ion:172 Resp: 332079
 Ion Ratio Lower Upper
 172 100
 171 36.4 27.8 41.8
 170 23.6 18.8 28.2



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

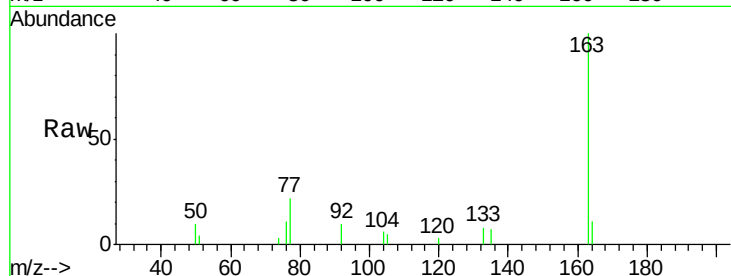




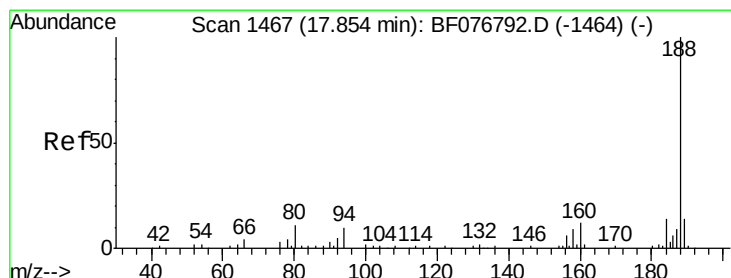
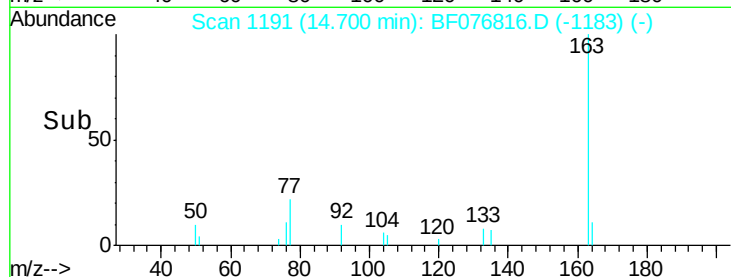
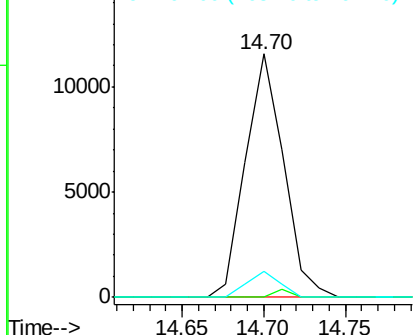
#49
Dimethylphthalate
Concen: 3.54 ng
RT: 14.70 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BF076816.D
Acq: 12 Jan 2015 19:31

Instrument :
BNA_F
ClientSampleId :
TP4-SS-2(4-6)

Tot Ion:163 Resp: 18695
Ion Ratio Lower Upper
163 100
194 0.0 2.3 3.5#
164 10.9 8.3 12.5

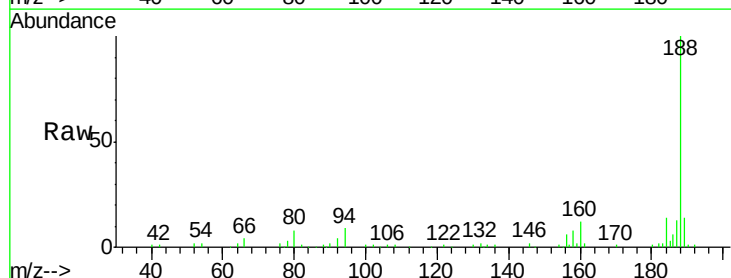


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

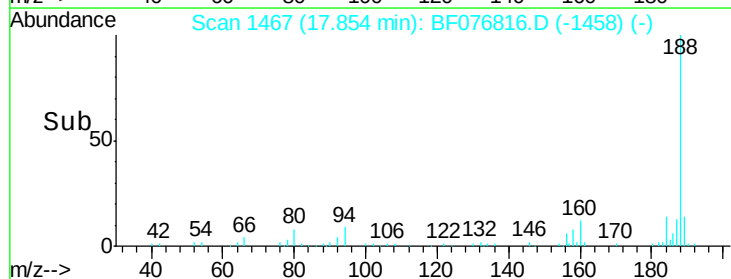
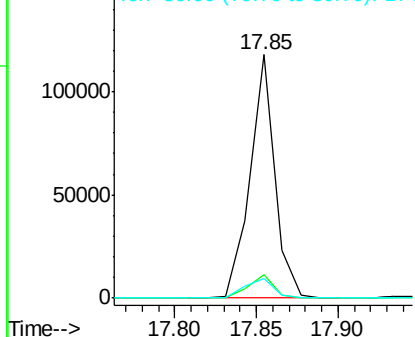


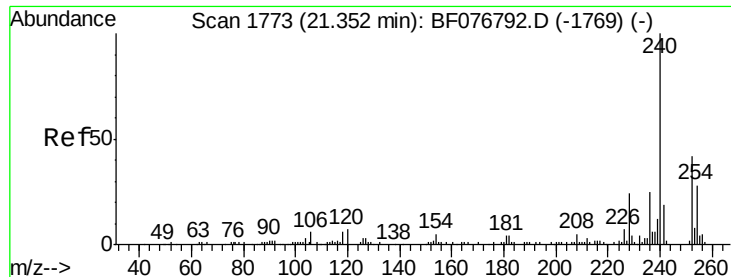
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.85 min Scan# 1467
Delta R.T. 0.00 min
Lab File: BF076816.D
Acq: 12 Jan 2015 19:31

Tgt Ion:188 Resp: 124178
Ion Ratio Lower Upper
188 100
94 9.4 7.8 11.6
80 8.3 8.6 13.0#



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: 21.34 min Scan# 1772

Delta R.T. -0.01 min

Lab File: BF076816.D

Acq: 12 Jan 2015 19:31

Instrument :

BNA_F

ClientSampleId :

TP4-SS-2(4-6)

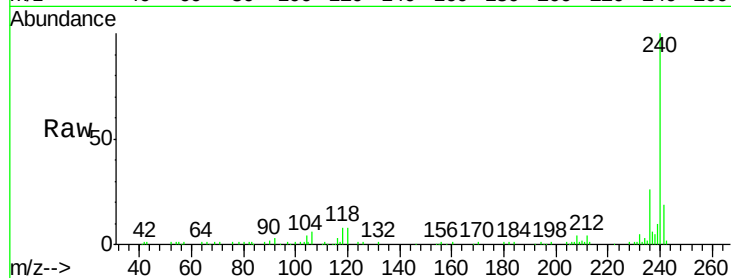
Tot Ion:240 Resp: 113840

Ion Ratio Lower Upper

240 100

120 8.2 5.7 8.5

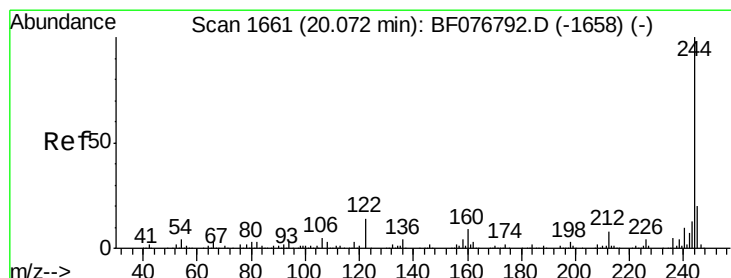
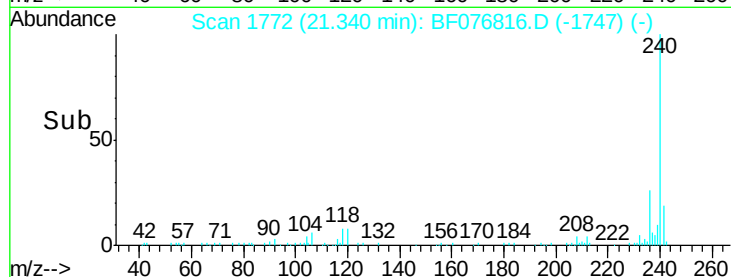
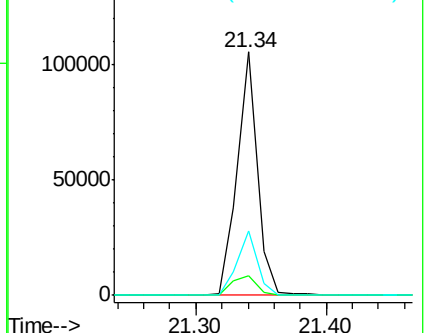
236 26.3 19.7 29.5



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: 62.87 ng

RT: 20.07 min Scan# 1661

Delta R.T. 0.00 min

Lab File: BF076816.D

Acq: 12 Jan 2015 19:31

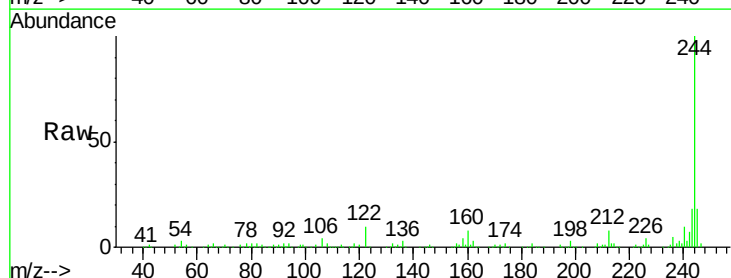
Tgt Ion:244 Resp: 325973

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

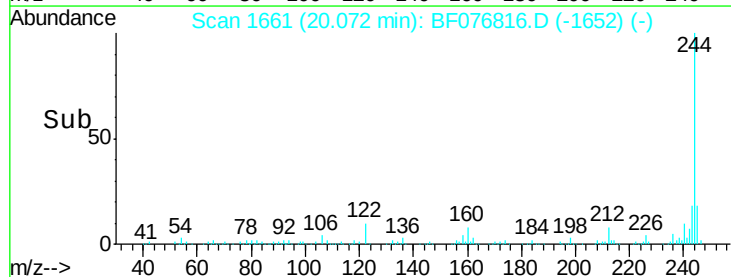
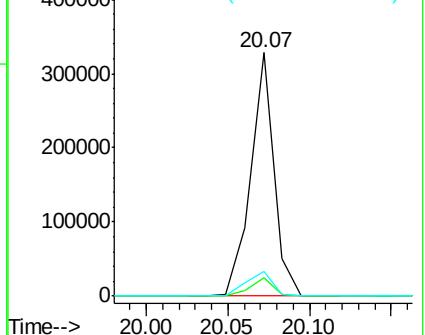
122 10.0 11.3 16.9#

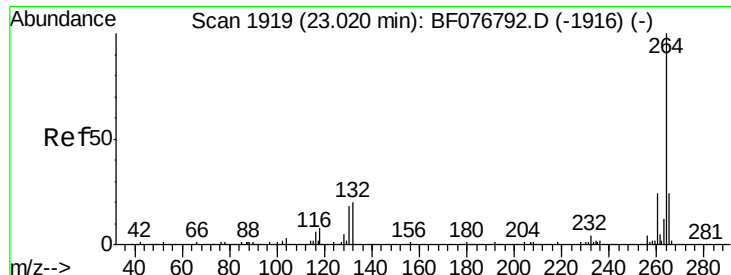


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

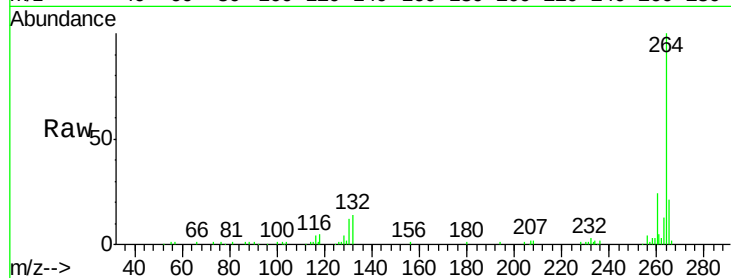




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 23.02 min Scan# 1919
 Delta R.T. 0.00 min
 Lab File: BF076816.D
 Acq: 12 Jan 2015 19:31

Instrument :
 BNA_F
 ClientSampleId :
 TP4-SS-2(4-6)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.0
265	20.6	18.9	28.3



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

