

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011915\
 Data File : BF076944.D
 Acq On : 20 Jan 2015 1:43
 Operator : IZ / TP
 Sample : G1076-11
 Misc : W
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-3

Quant Time: Jan 20 02:42:29 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	7.98	152	39178	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	167397	20.00	ng	0.00
38) Acenaphthene-d10	15.01	164	87255	20.00	ng	-0.01
63) Phenanthrene-d10	17.77	188	154746	20.00	ng	0.00
75) Chrysene-d12	21.27	240	149189	20.00	ng	0.00
86) Perylene-d12	22.91	264	109449	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.04	112	257192	107.93	ng	0.01
7) Phenol-d6	7.37	99	301926	100.44	ng	0.00
23) Nitrobenzene-d5	9.27	82	214884	71.12	ng	-0.01
41) 2,4,6-Tribromophenol	16.68	330	84128	118.78	ng	-0.01
44) 2-Fluorobiphenyl	13.53	172	435842	76.01	ng	0.00
78) Terphenyl-d14	20.00	244	450134	69.46	ng	0.00

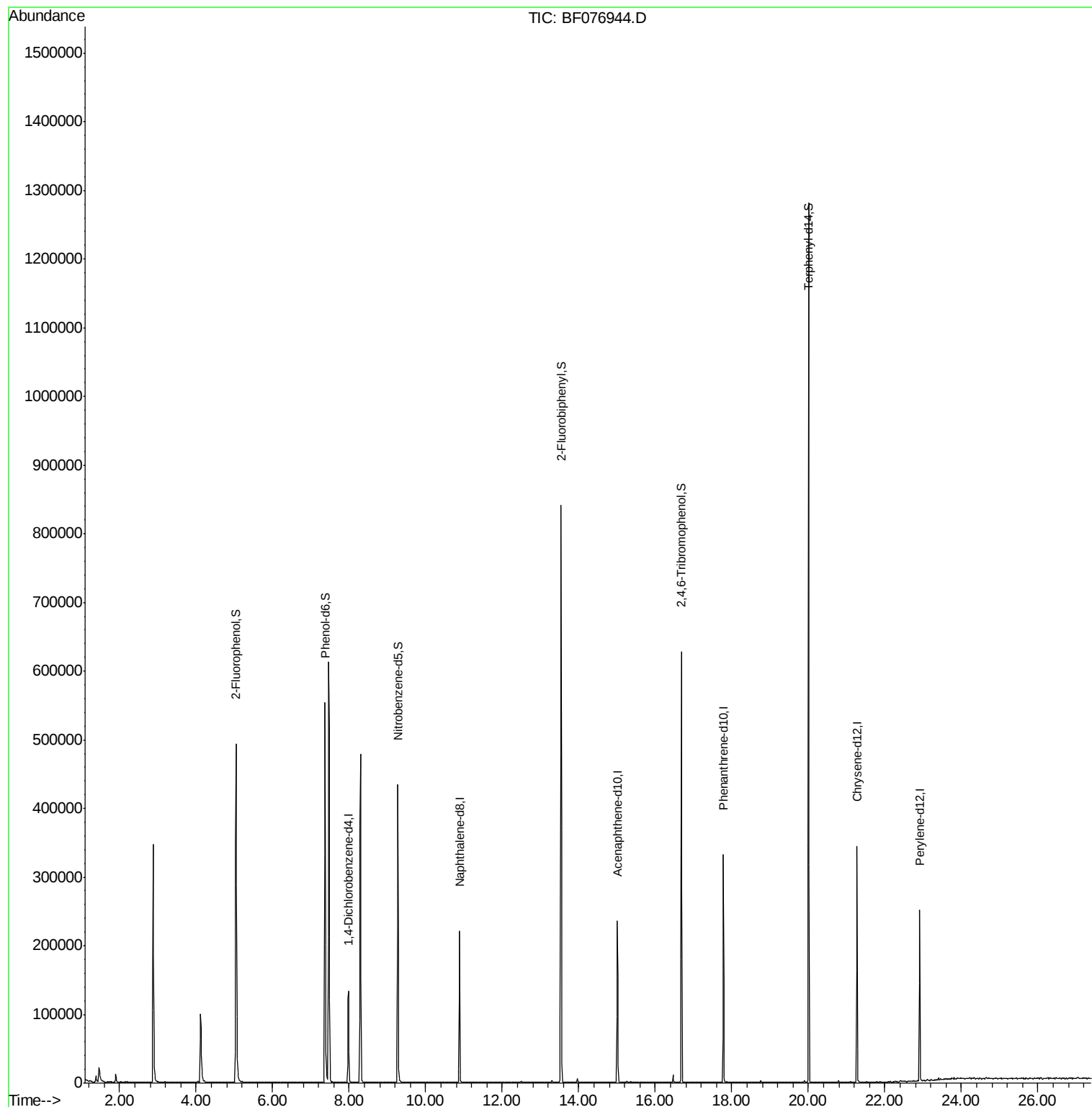
Target Compounds Qvalue

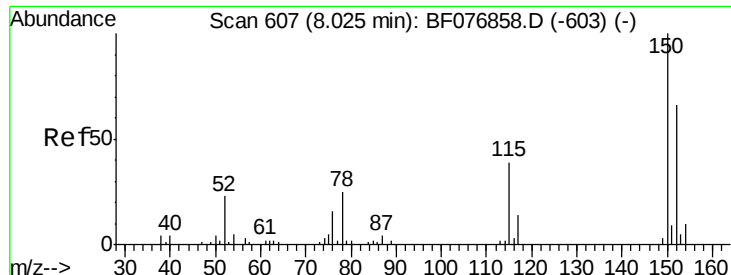
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF076944.D

Acq: 20 Jan 2015 1:43

Instrument :

BNA_F

ClientSampleId :

SP-3

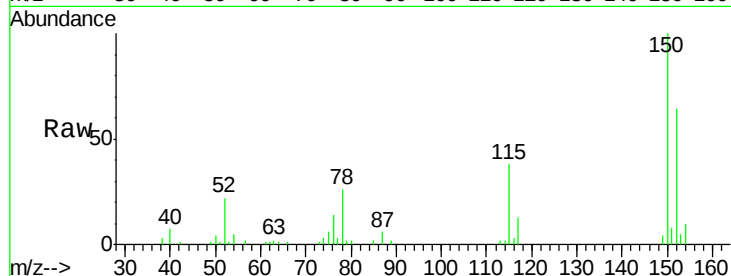
Tot Ion:152 Resp: 39178

Ion Ratio Lower Upper

152 100

150 156.9 121.7 182.5

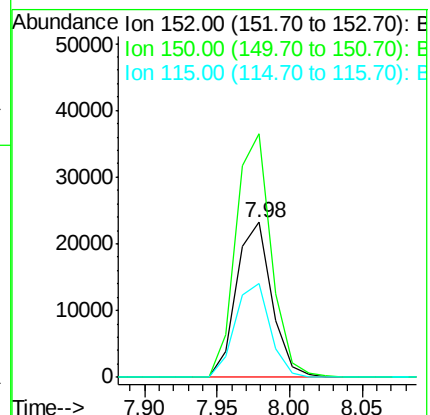
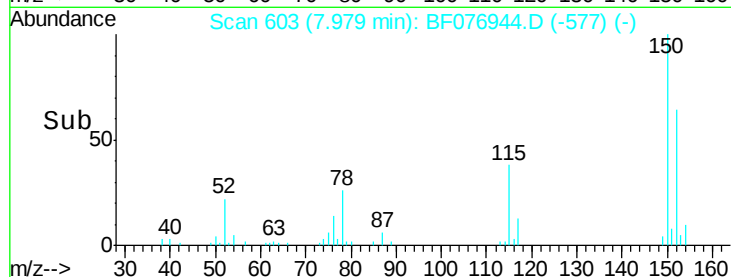
115 60.3 47.0 70.6



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: 107.93 ng

RT: 5.04 min Scan# 346

Delta R.T. 0.01 min

Lab File: BF076944.D

Acq: 20 Jan 2015 1:43

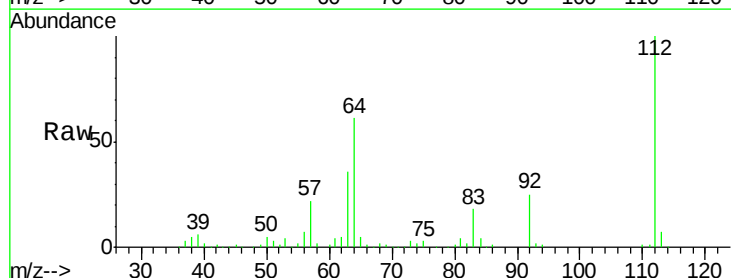
Tgt Ion:112 Resp: 257192

Ion Ratio Lower Upper

112 100

64 61.2 54.2 81.4

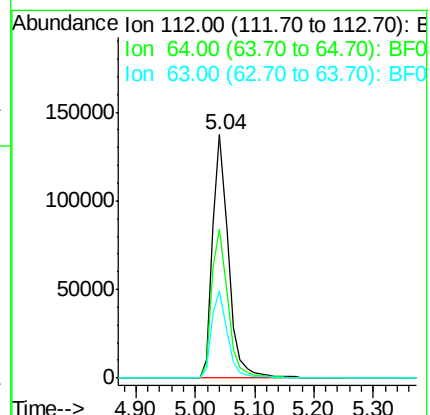
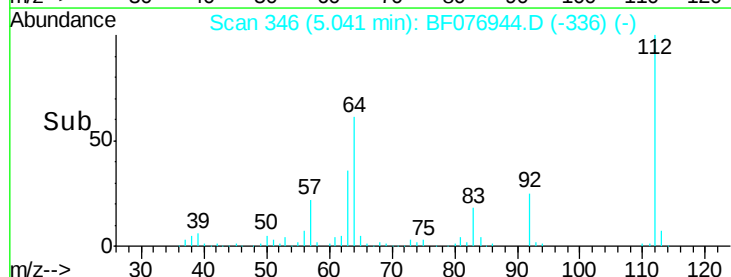
63 35.8 28.4 42.6

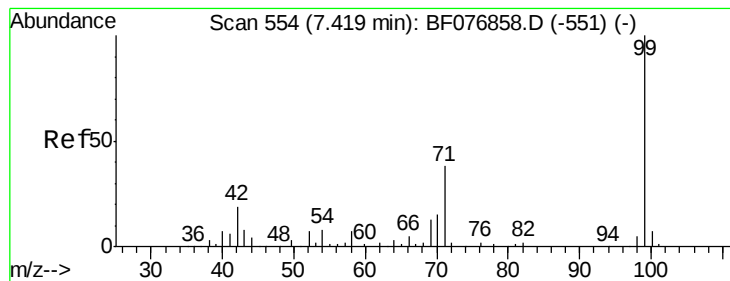


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 100.44 ng

RT: 7.37 min Scan# 550

Delta R.T. -0.00 min

Lab File: BF076944.D

Acq: 20 Jan 2015 1:43

Instrument :

BNA_F

ClientSampleId :

SP-3

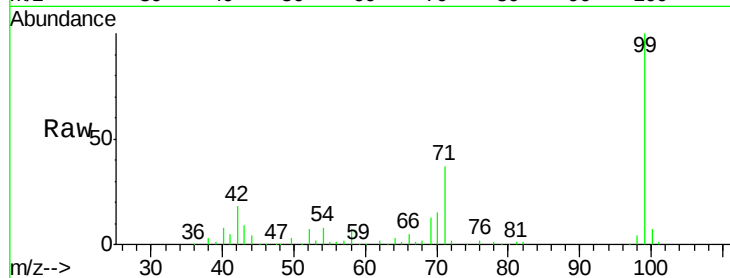
Tot Ion: 99 Resp: 301926

Ion Ratio Lower Upper

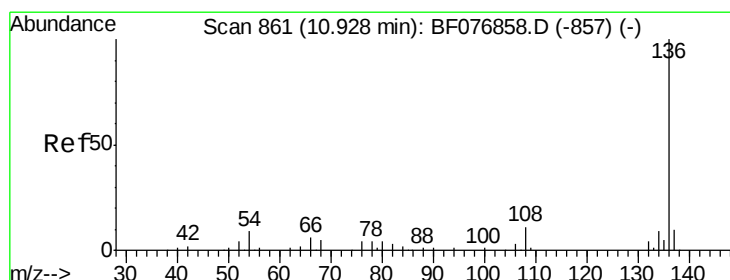
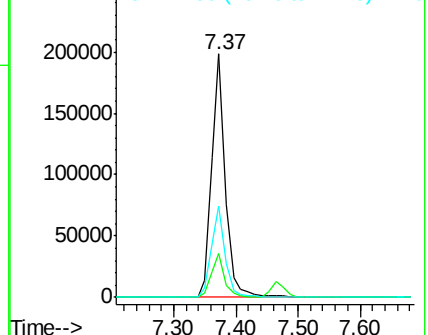
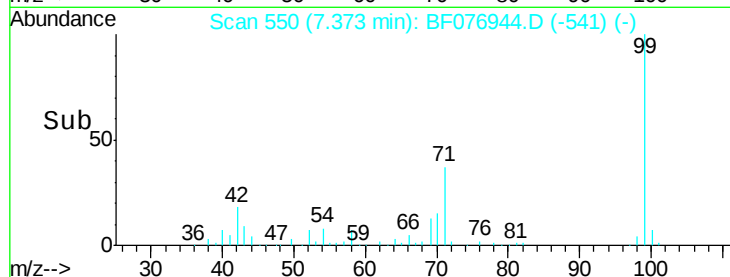
99 100

42 17.9 15.0 22.4

71 37.4 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: BF076944.D

Acq: 20 Jan 2015 1:43

Tgt Ion: 136 Resp: 167397

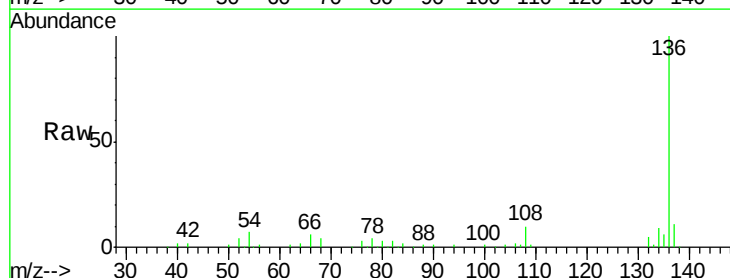
Ion Ratio Lower Upper

136 100

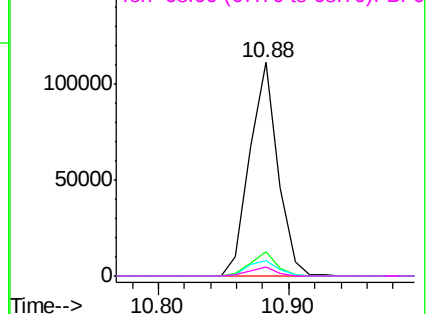
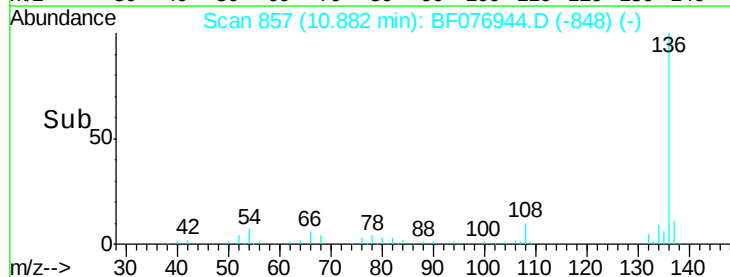
137 11.3 8.1 12.1

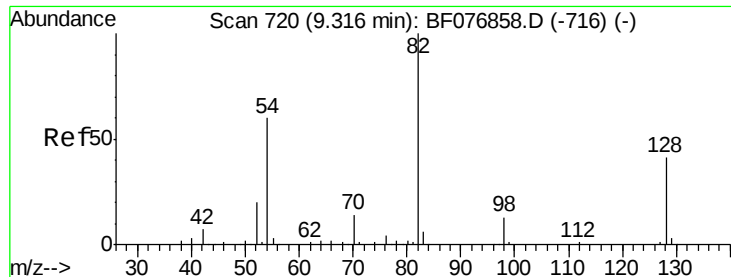
54 7.8 7.0 10.4

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

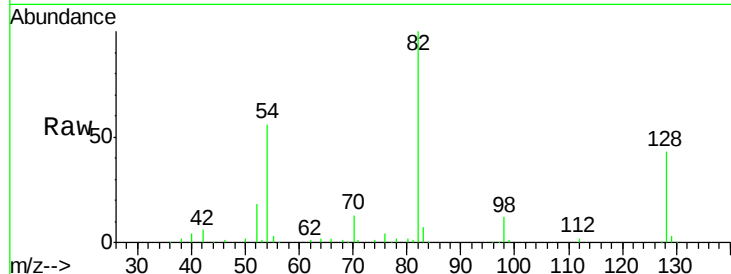




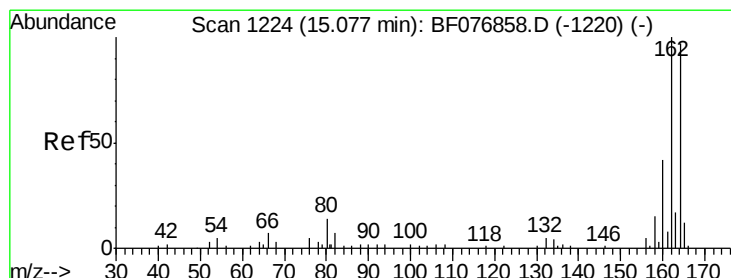
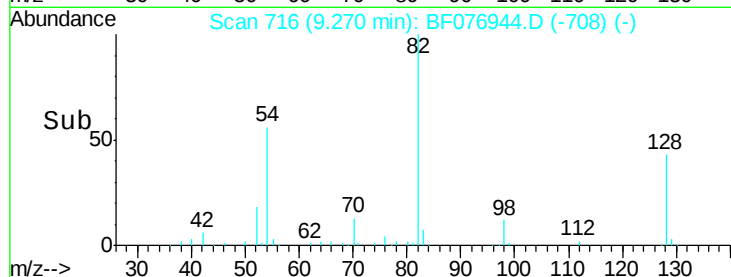
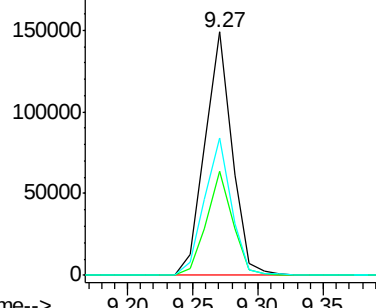
#23
 Nitrobenzene-d5
 Concen: 71.12 ng
 RT: 9.27 min Scan# 716
 Delta R.T. -0.01 min
 Lab File: BF076944.D
 Acq: 20 Jan 2015 1:43

Instrument :
 BNA_F
 ClientSampleId :
 SP-3

Tot Ion	82	Resp	214884
Ion Ratio	Lower	Upper	
82	100		
128	42.9	33.1	49.7
54	56.4	48.3	72.5

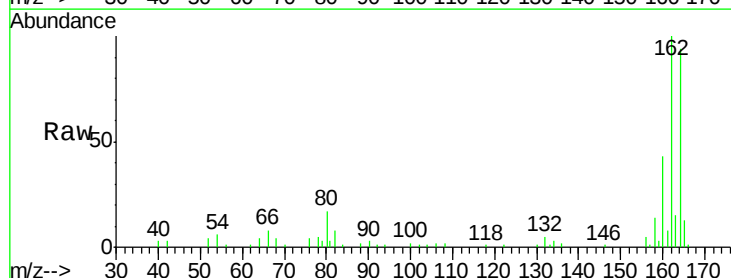


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

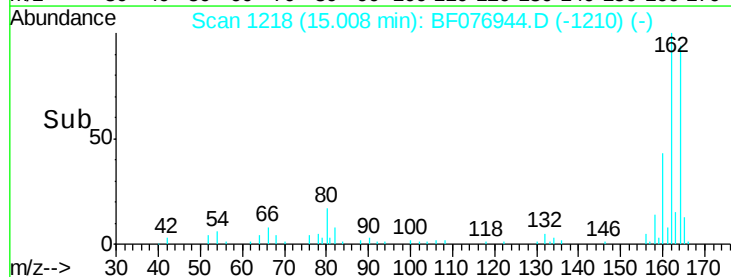
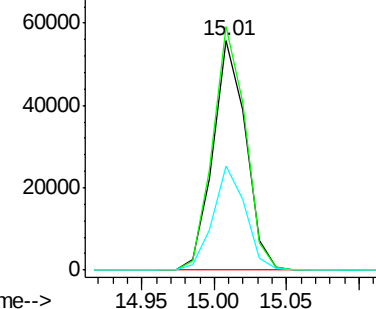


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.01 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF076944.D
 Acq: 20 Jan 2015 1:43

Tgt Ion	164	Resp	87255
Ion Ratio	Lower	Upper	
164	100		
162	106.3	82.4	123.6
160	45.6	34.8	52.2



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

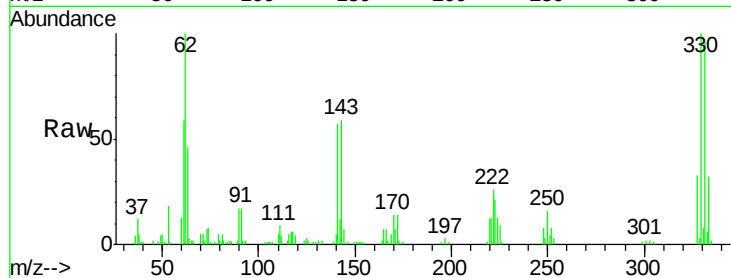




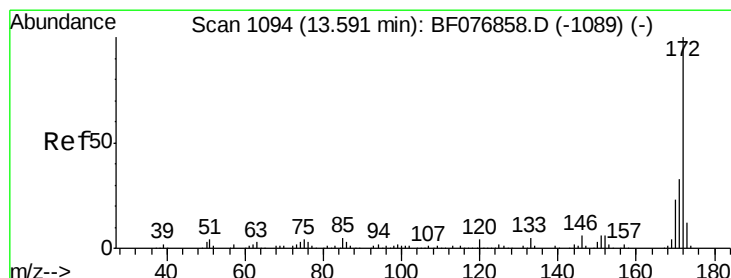
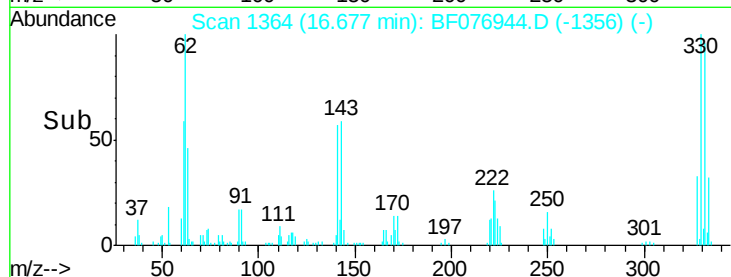
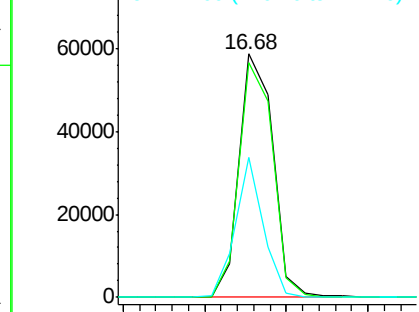
#41
 2,4,6-Tribromophenol
 Concen: 118.78 ng
 RT: 16.68 min Scan# 1364
 Delta R.T. -0.01 min
 Lab File: BF076944.D
 Acq: 20 Jan 2015 1:43

Instrument :
 BNA_F
 ClientSampleId :
 SP-3

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.8	116.6
141	47.4	38.5	57.7

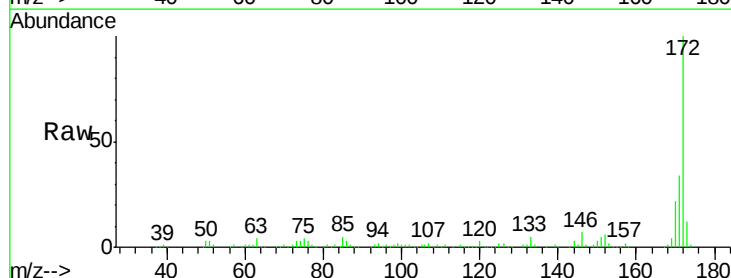


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

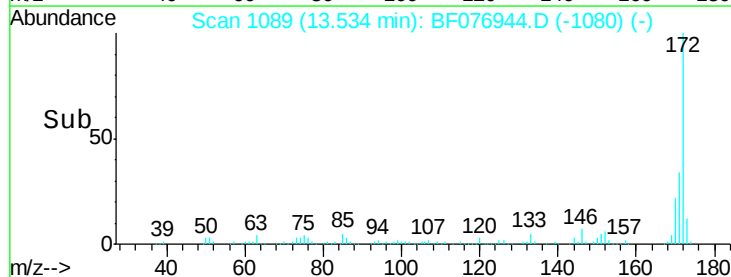
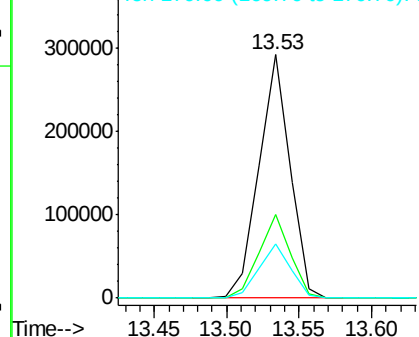


#44
 2-Fluorobiphenyl
 Concen: 76.01 ng
 RT: 13.53 min Scan# 1089
 Delta R.T. -0.00 min
 Lab File: BF076944.D
 Acq: 20 Jan 2015 1:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.5	26.6	40.0
170	22.3	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

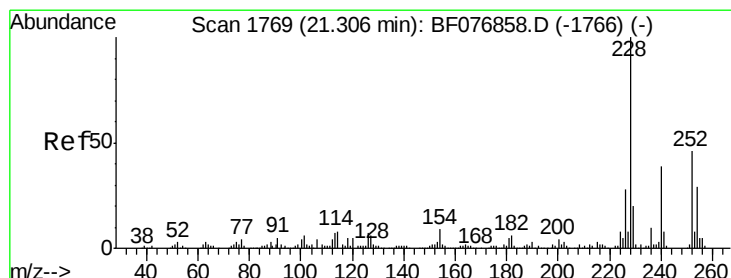
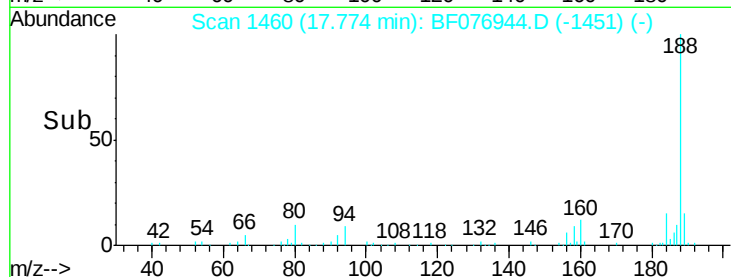
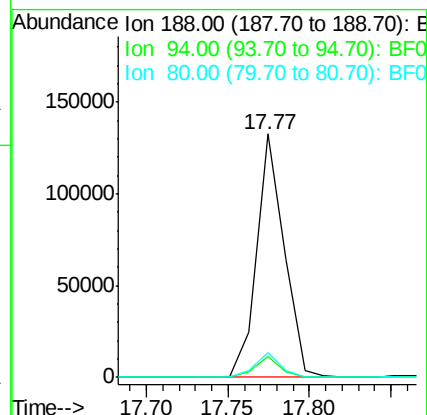
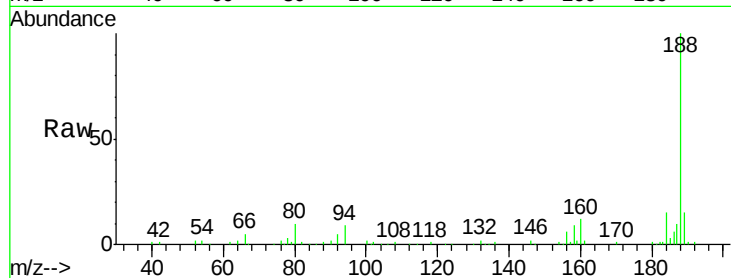




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.77 min Scan# 1460
Delta R.T. -0.00 min
Lab File: BF076944.D
Acq: 20 Jan 2015 1:43

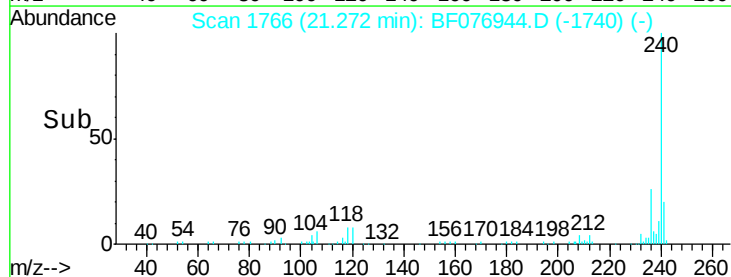
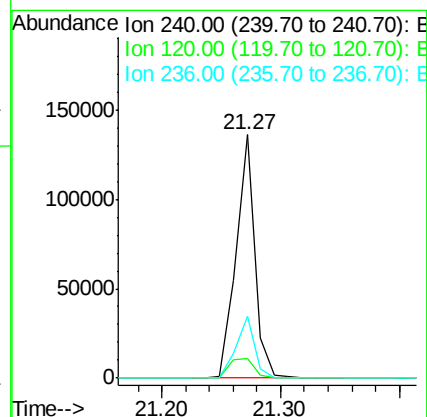
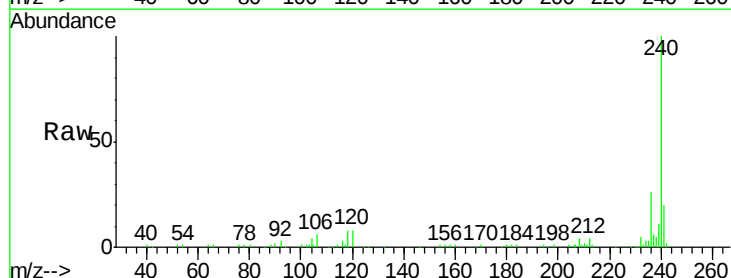
Instrument :
BNA_F
ClientSampleId :
SP-3

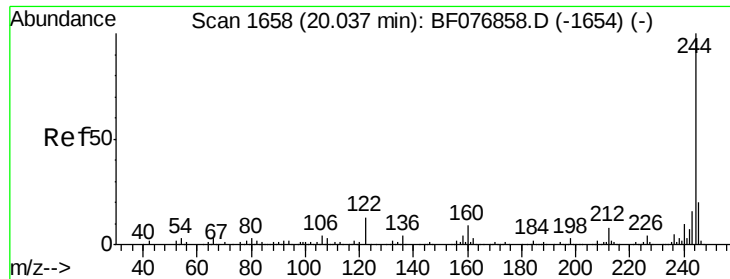
Tot Ion:188 Resp: 154746
Ion Ratio Lower Upper
188 100
94 8.8 6.0 9.0
80 10.3 6.9 10.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.27 min Scan# 1766
Delta R.T. -0.00 min
Lab File: BF076944.D
Acq: 20 Jan 2015 1:43

Tgt Ion:240 Resp: 149189
Ion Ratio Lower Upper
240 100
120 8.2 10.4 15.6#
236 25.6 20.2 30.2





#78

Terphenyl-d14

Concen: 69.46 ng

RT: 20.00 min Scan# 1655

Delta R.T. -0.00 min

Lab File: BF076944.D

Acq: 20 Jan 2015 1:43

Instrument :

BNA_F

ClientSampleId :

SP-3

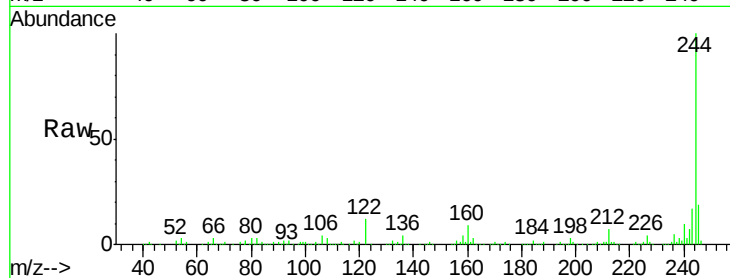
Tot Ion:244 Resp: 450134

Ion Ratio Lower Upper

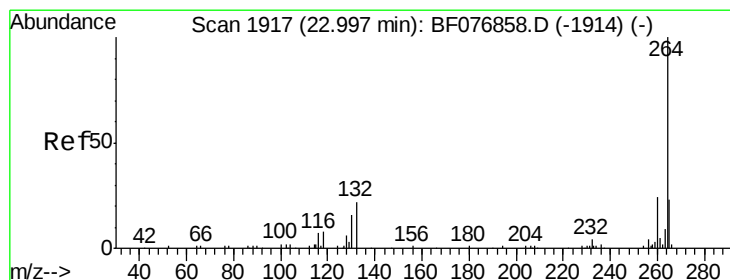
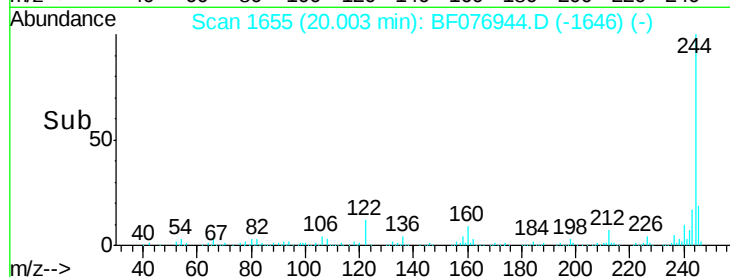
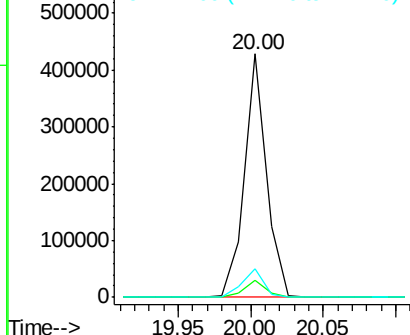
244 100

212 6.9 6.3 9.5

122 11.9 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: 22.91 min Scan# 1909

Delta R.T. -0.03 min

Lab File: BF076944.D

Acq: 20 Jan 2015 1:43

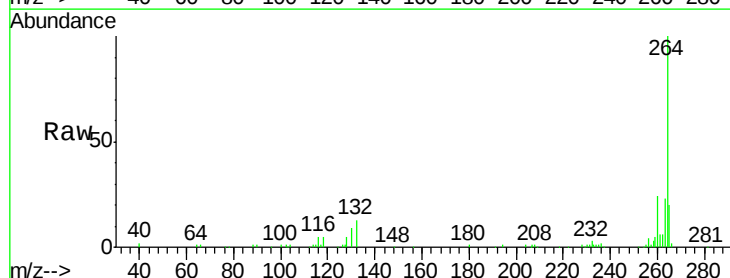
Tgt Ion:264 Resp: 109449

Ion Ratio Lower Upper

264 100

260 24.1 19.0 28.4

265 19.7 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

