

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041315\
 Data File : BF078474.D
 Acq On : 13 Apr 2015 21:55
 Operator : TP/IZ
 Sample : G1677-14
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PE-1R(7.5-8)

Quant Time: Apr 14 02:04:58 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 14 01:02:55 2015
 Response via : Initial Calibration

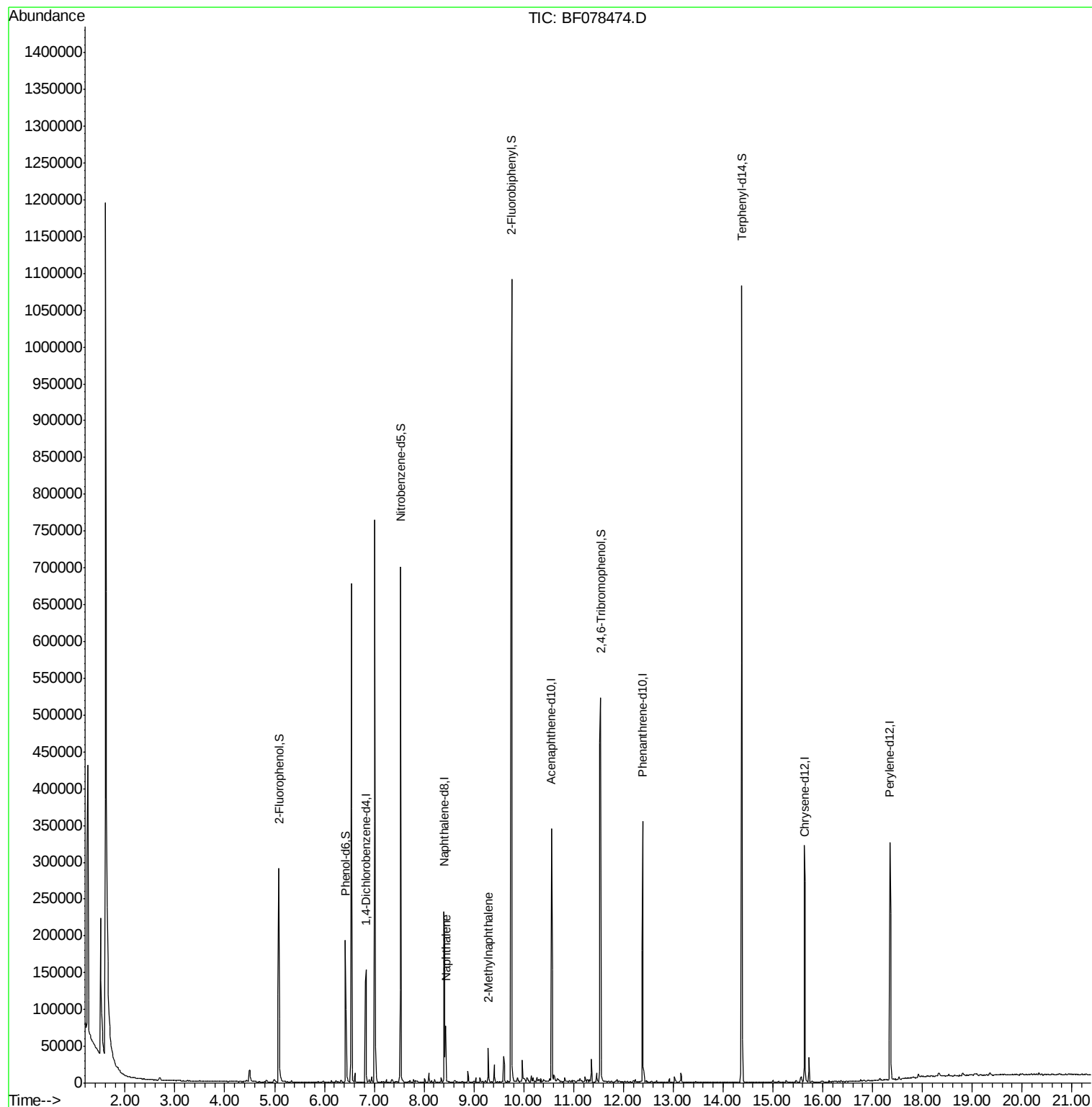
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	36259	20.00	ng	0.00
21) Naphthalene-d8	8.40	136	154506	20.00	ng	-0.01
38) Acenaphthene-d10	10.56	164	76811	20.00	ng	-0.01
63) Phenanthrene-d10	12.39	188	157498	20.00	ng	0.00
75) Chrysene-d12	15.65	240	169275	20.00	ng	-0.01
86) Perylene-d12	17.35	264	166173	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	112901	51.34	ng	0.00
7) Phenol-d6	6.42	99	86578	31.41	ng	-0.01
23) Nitrobenzene-d5	7.53	82	217599	85.36	ng	-0.01
41) 2,4,6-Tribromophenol	11.54	330	87835	137.88	ng	0.00
44) 2-Fluorobiphenyl	9.76	172	463877	86.33	ng	0.00
78) Terphenyl-d14	14.38	244	424321	56.64	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	8.43	128	39682	4.93	ng	99
37) 2-Methylnaphthalene	9.29	142	13741	2.52	ng	93

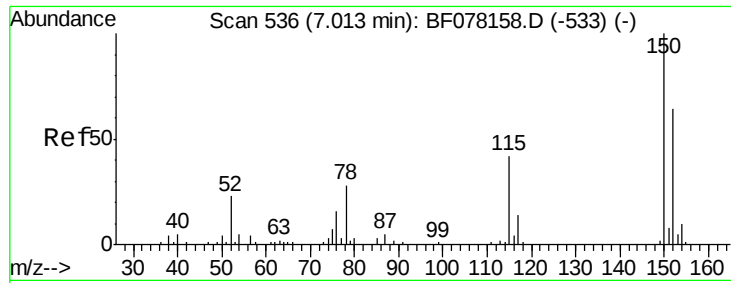
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 494

Delta R.T. 0.00 min

Lab File: BF078474.D

Acq: 13 Apr 2015 21:55

Instrument :

BNA_F

ClientSampleId :

PE-1R(7.5-8)

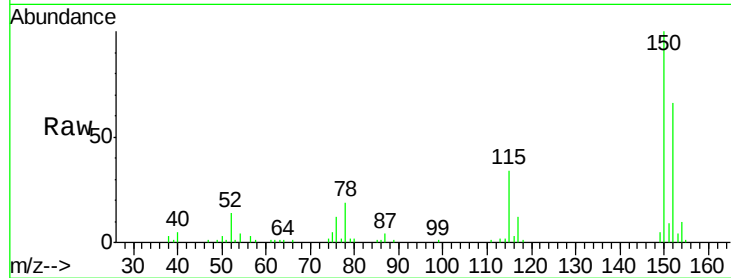
Tgt Ion:152 Resp: 36259

Ion Ratio Lower Upper

152 100

150 151.9 125.9 188.9

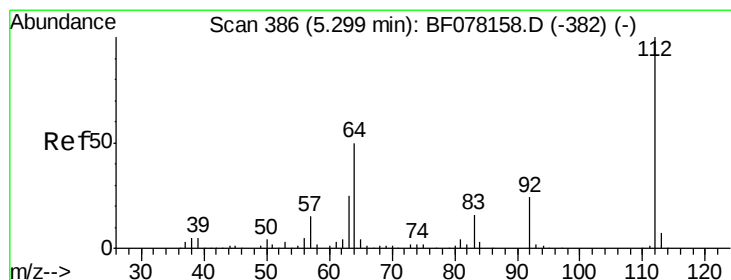
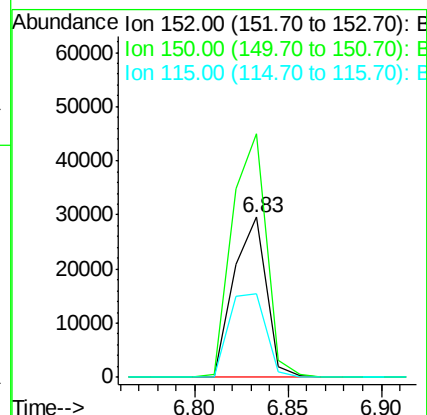
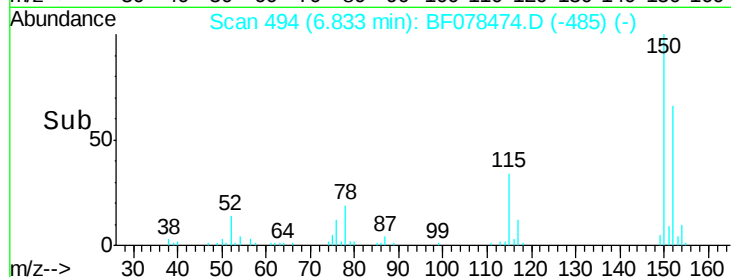
115 51.9 52.7 79.1#



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: 51.34 ng

RT: 5.08 min Scan# 341

Delta R.T. 0.00 min

Lab File: BF078474.D

Acq: 13 Apr 2015 21:55

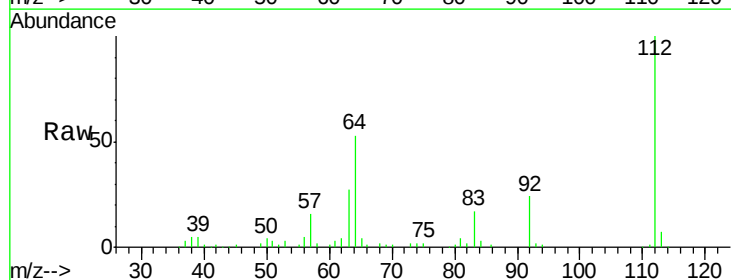
Tgt Ion:112 Resp: 112901

Ion Ratio Lower Upper

112 100

64 53.4 39.9 59.9

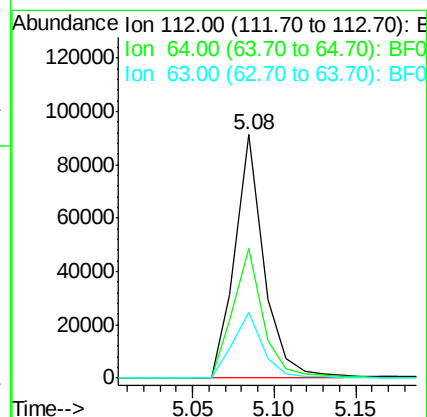
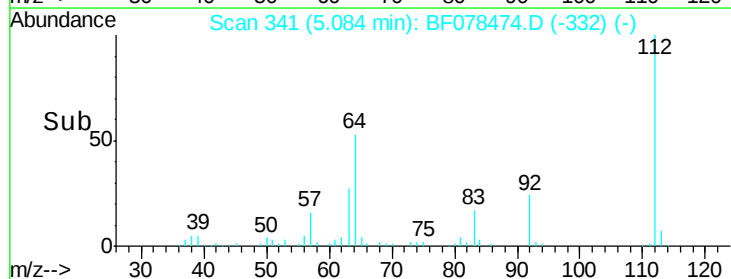
63 27.2 20.2 30.4



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: 31.41 ng

RT: 6.42 min Scan# 458

Delta R.T. -0.01 min

Lab File: BF078474.D

Acq: 13 Apr 2015 21:55

Instrument :

BNA_F

ClientSampleId :

PE-1R(7.5-8)

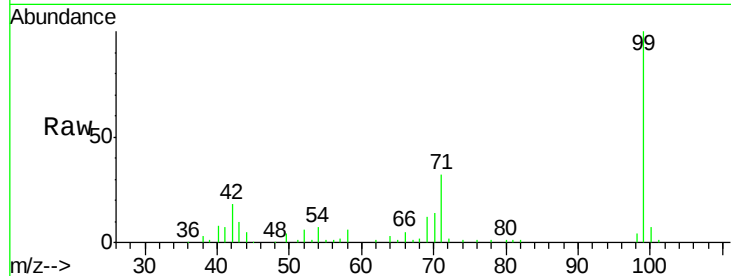
Tgt Ion: 99 Resp: 86578

Ion Ratio Lower Upper

99 100

42 18.3 14.8 22.2

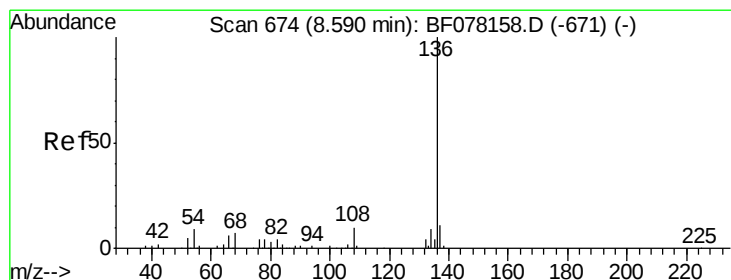
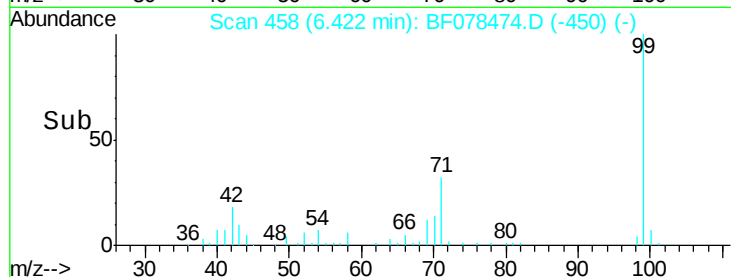
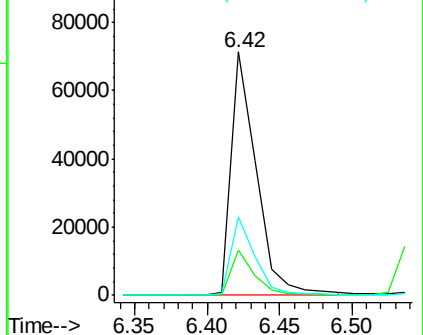
71 32.3 26.6 39.8



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: 8.40 min Scan# 631

Delta R.T. -0.01 min

Lab File: BF078474.D

Acq: 13 Apr 2015 21:55

Tgt Ion: 136 Resp: 154506

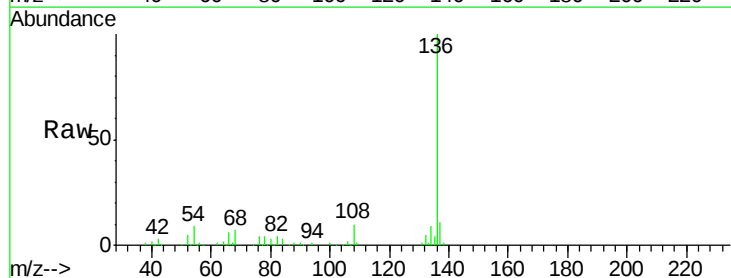
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 8.9 7.0 10.6

68 7.0 5.4 8.2

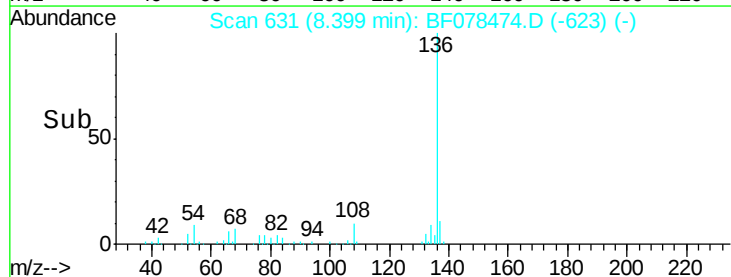
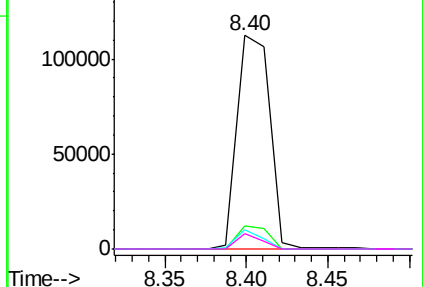


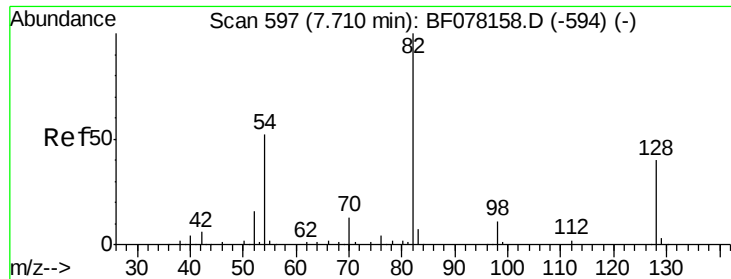
Abundance Ion 136.00 (135.70 to 136.70): E

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

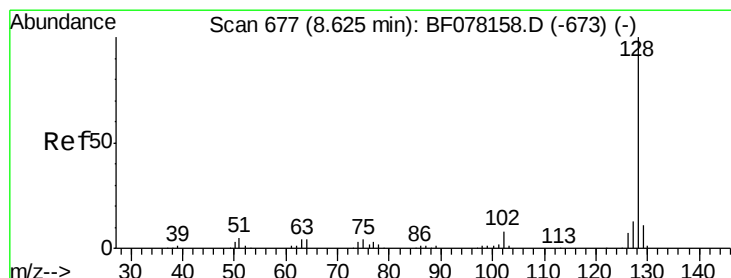
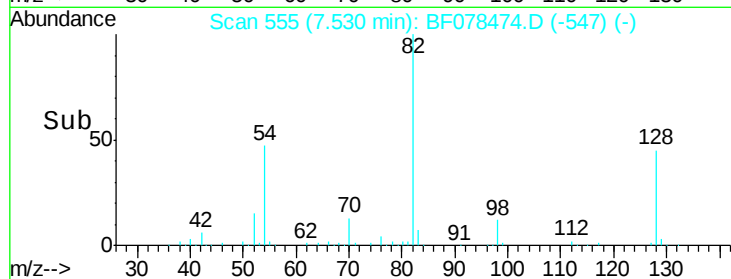
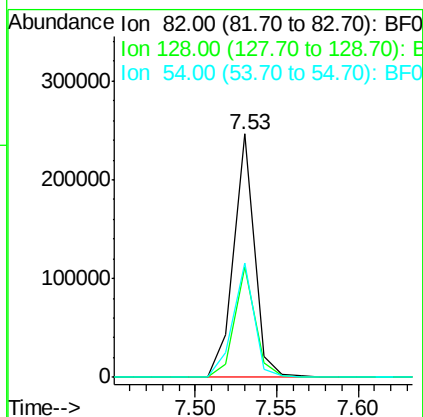
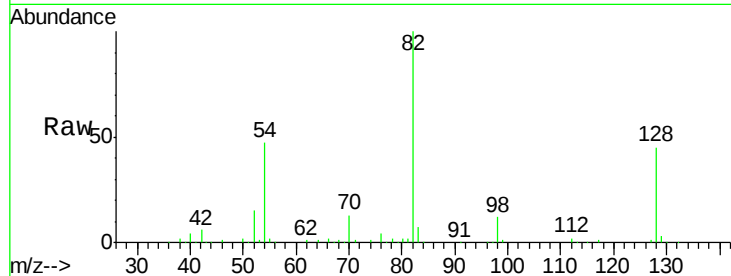




#23
 Nitrobenzene-d5
 Concen: 85.36 ng
 RT: 7.53 min Scan# 555
 Delta R.T. -0.01 min
 Lab File: BF078474.D
 Acq: 13 Apr 2015 21:55

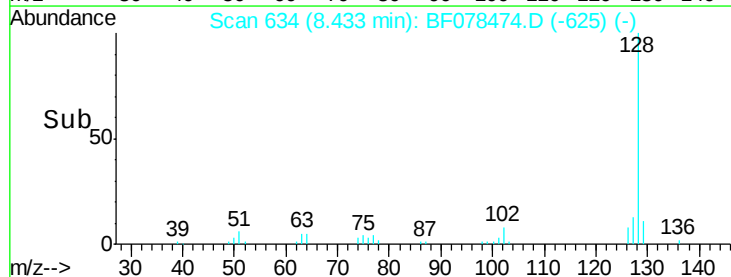
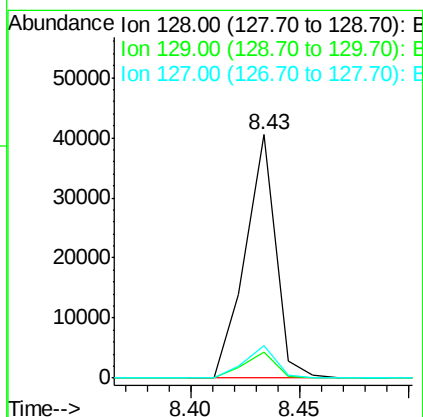
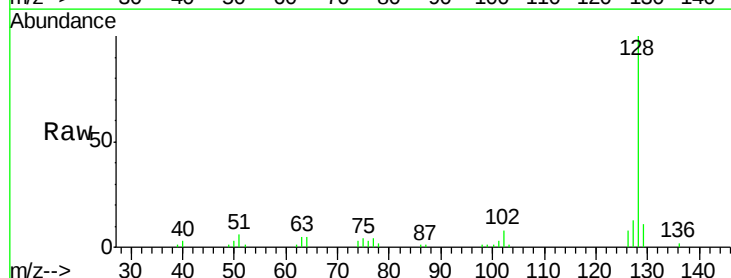
Instrument :
 BNA_F
 ClientSampleId :
 PE-1R(7.5-8)

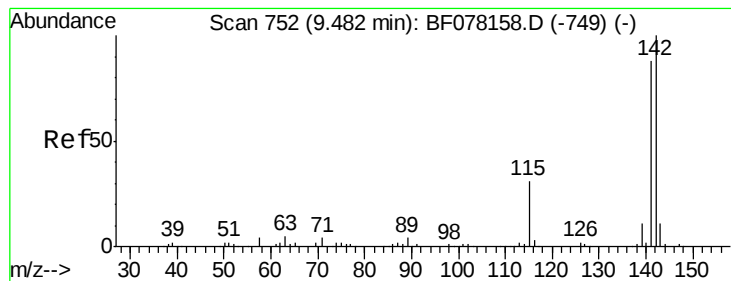
Tgt Ion: 82 Resp: 217599
 Ion Ratio Lower Upper
 82 100
 128 45.2 31.8 47.8
 54 47.1 41.5 62.3



#31
 Naphthalene
 Concen: 4.93 ng
 RT: 8.43 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: BF078474.D
 Acq: 13 Apr 2015 21:55

Tgt Ion: 128 Resp: 39682
 Ion Ratio Lower Upper
 128 100
 129 10.9 8.6 12.8
 127 13.1 10.7 16.1





#37

2-Methylnaphthalene

Concen: 2.52 ng

RT: 9.29 min Scan# 709

Delta R.T. 0.00 min

Lab File: BF078474.D

Acq: 13 Apr 2015 21:55

Instrument :

BNA_F

ClientSampleId :

PE-1R(7.5-8)

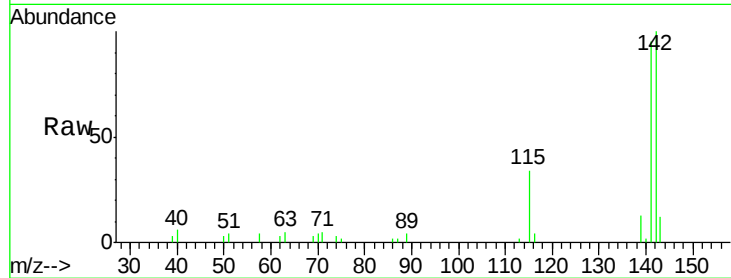
Tgt Ion:142 Resp: 13741

Ion Ratio Lower Upper

142 100

141 95.2 70.3 105.5

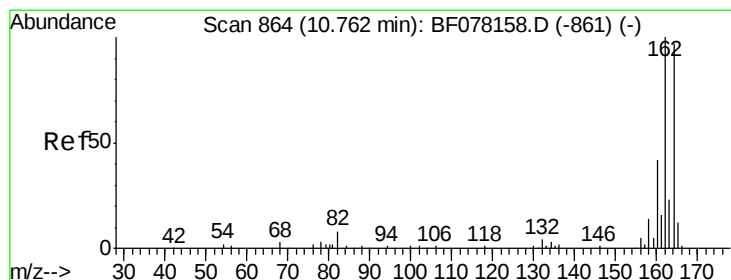
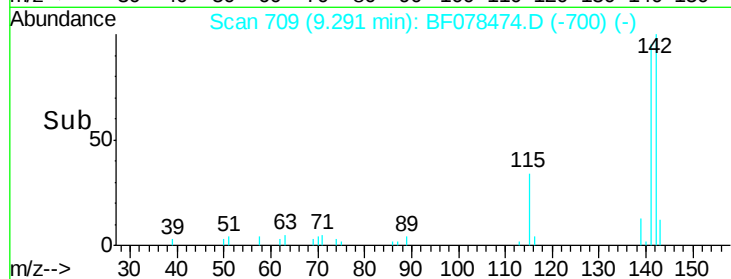
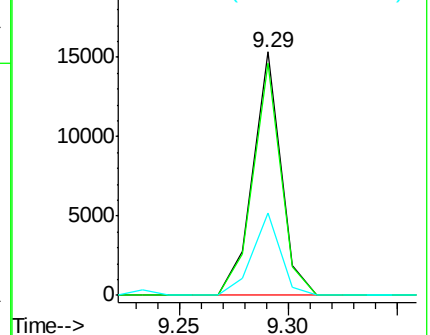
115 33.7 24.6 37.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.56 min Scan# 820

Delta R.T. -0.01 min

Lab File: BF078474.D

Acq: 13 Apr 2015 21:55

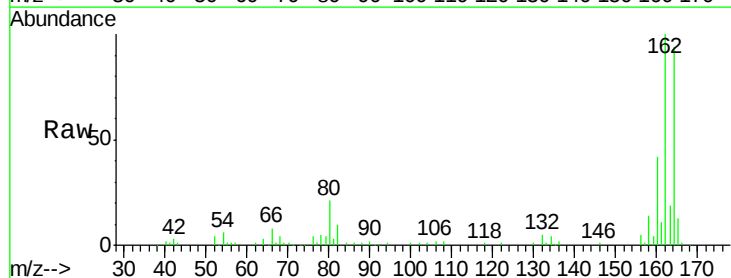
Tgt Ion:164 Resp: 76811

Ion Ratio Lower Upper

164 100

162 106.3 82.2 123.2

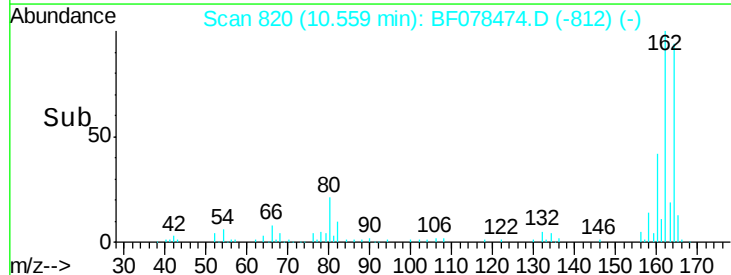
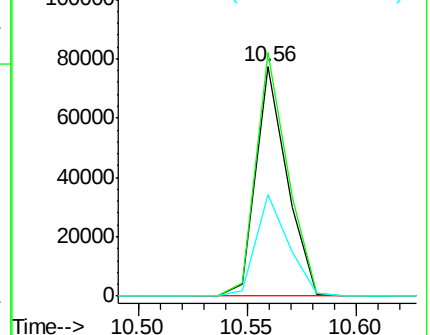
160 44.3 34.7 52.1

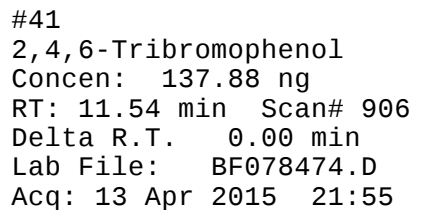


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

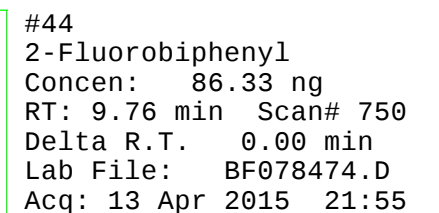
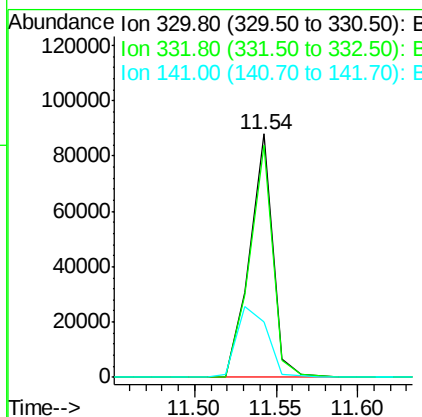
Ion 160.00 (159.70 to 160.70): E



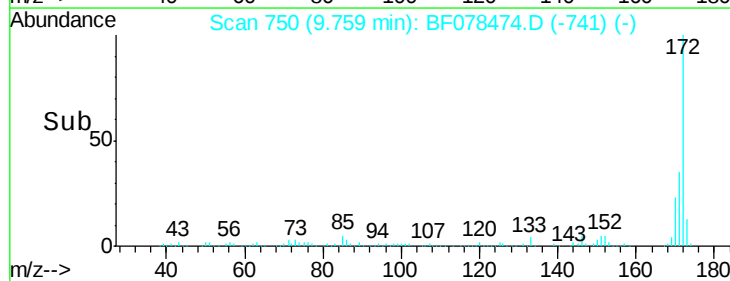
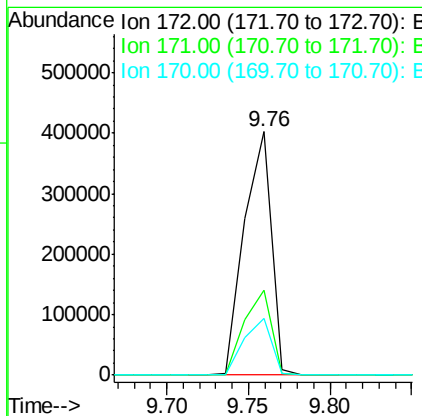


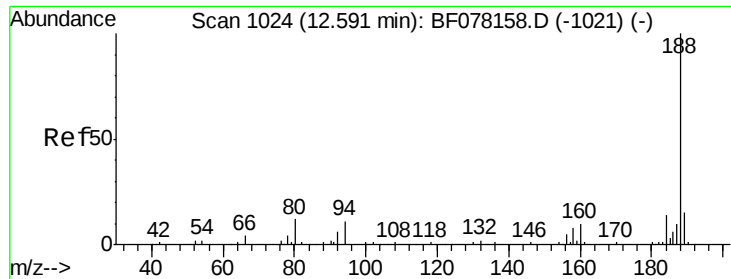
Instrument :
BNA_F
ClientSampleId :
PE-1R(7.5-8)

Tgt	Ion:330	Resp:	87835
Ion	Ratio	Lower	Upper
330	100		
332	95.4	78.6	117.8
141	37.6	31.2	46.8



Tgt	Ion:172	Resp:	463877
Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.6	42.8
170	23.3	18.5	27.7

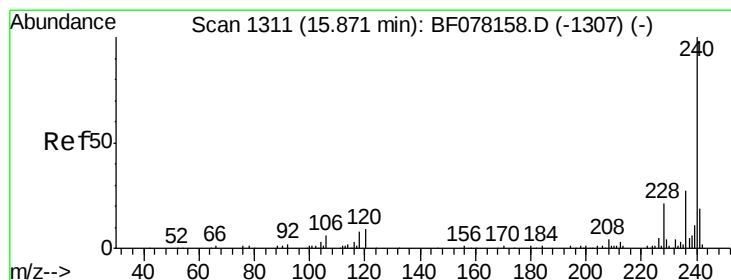
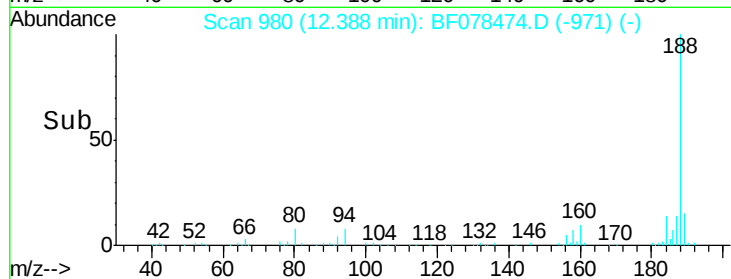
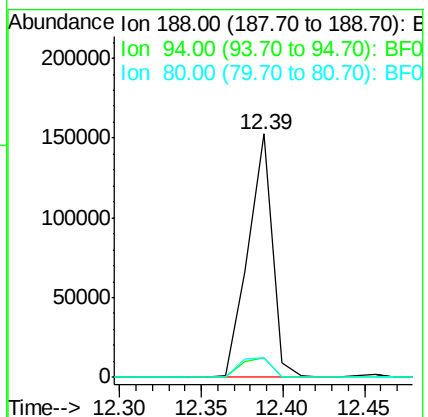
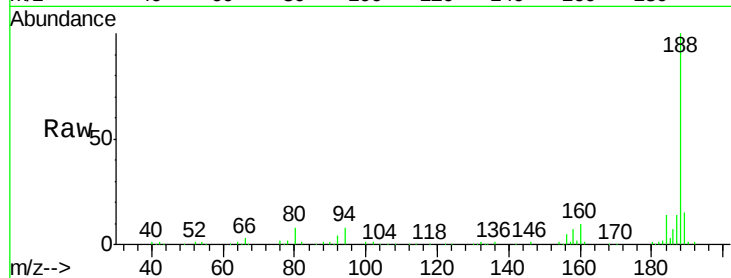




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.39 min Scan# 980
Delta R.T. 0.00 min
Lab File: BF078474.D
Acq: 13 Apr 2015 21:55

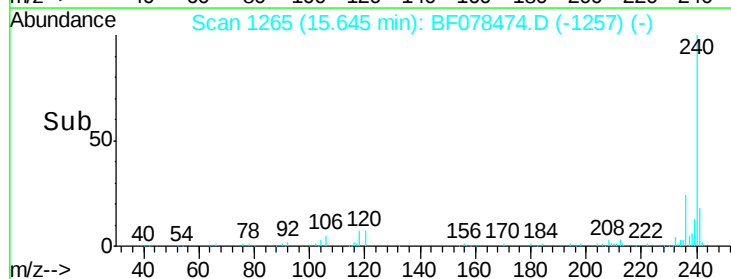
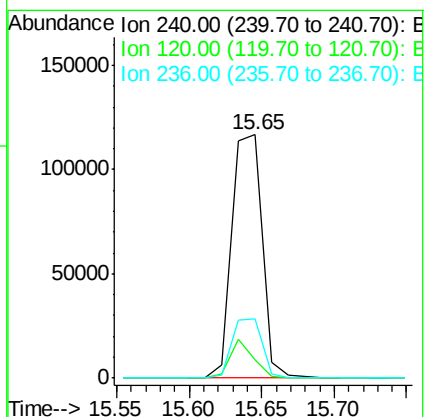
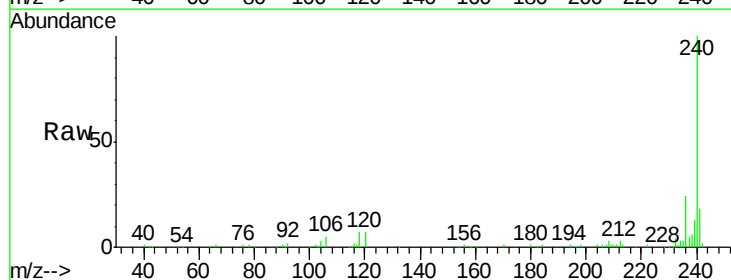
Instrument :
BNA_F
ClientSampleId :
PE-1R(7.5-8)

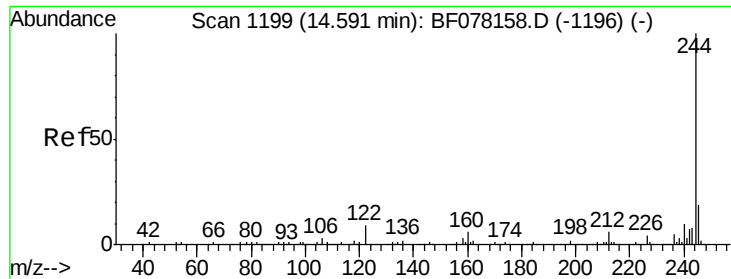
Tgt Ion:188 Resp: 157498
Ion Ratio Lower Upper
188 100
94 7.8 9.0 13.4#
80 8.0 9.5 14.3#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.65 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BF078474.D
Acq: 13 Apr 2015 21:55

Tgt Ion:240 Resp: 169275
Ion Ratio Lower Upper
240 100
120 7.4 7.1 10.7
236 24.5 21.4 32.2

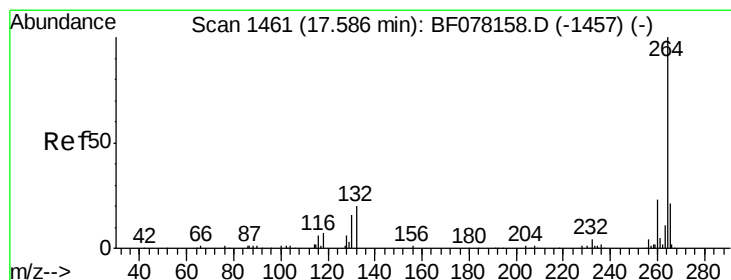
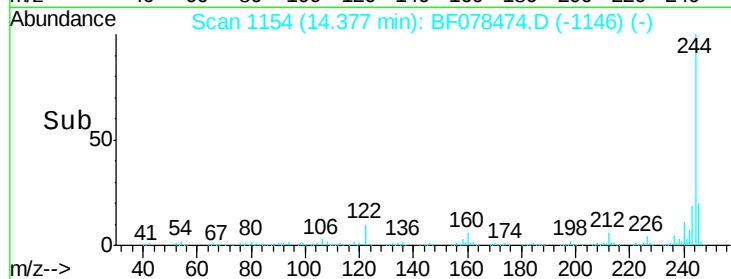
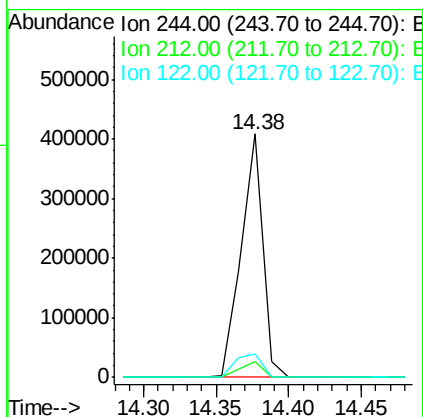
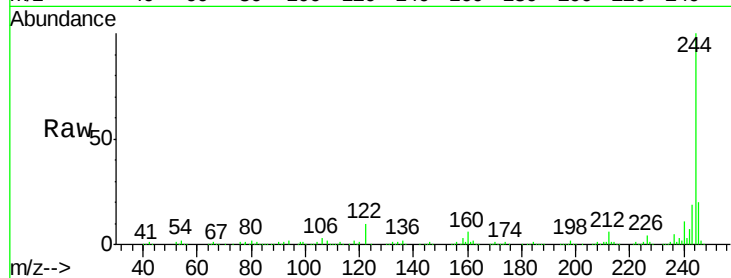




#78
 Terphenyl-d14
 Concen: 56.64 ng
 RT: 14.38 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: BF078474.D
 Acq: 13 Apr 2015 21:55

Instrument :
 BNA_F
 ClientSampleId :
 PE-1R(7.5-8)

Tgt Ion: 244 Resp: 424321
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.0 7.4
 122 9.6 7.1 10.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.35 min Scan# 1414
 Delta R.T. -0.05 min
 Lab File: BF078474.D
 Acq: 13 Apr 2015 21:55

Tgt Ion: 264 Resp: 166173
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.6 27.8
 265 21.8 17.0 25.6

