

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 01:24:59 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

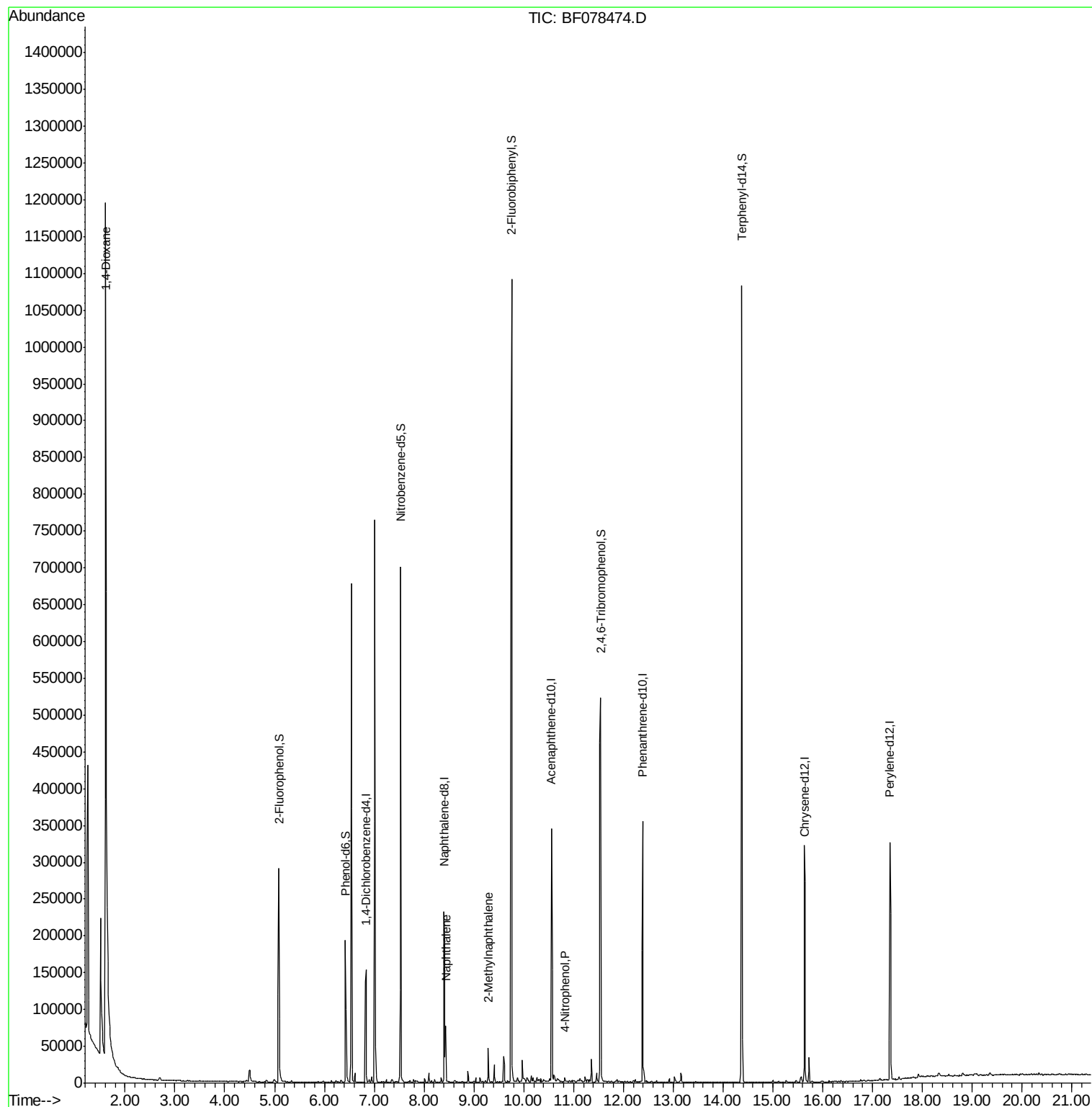
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	36259	20.00	ng	0.00
21) Naphthalene-d8	8.40	136	154506	20.00	ng	-0.01
38) Acenaphthene-d10	10.56	164	76811	20.00	ng	-0.01
63) Phenanthrene-d10	12.39	188	157498	20.00	ng	0.00
75) Chrysene-d12	15.65	240	169275	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						
2) 1,4-Dioxane	1.61	88	49117	49.39	ng	# 23
31) Naphthalene	8.43	128	39682	4.93	ng	99
37) 2-Methylnaphthalene	9.29	142	13741	2.52	ng	93
55) 4-Nitrophenol	10.82	139	1212	3.94	ng	# 18

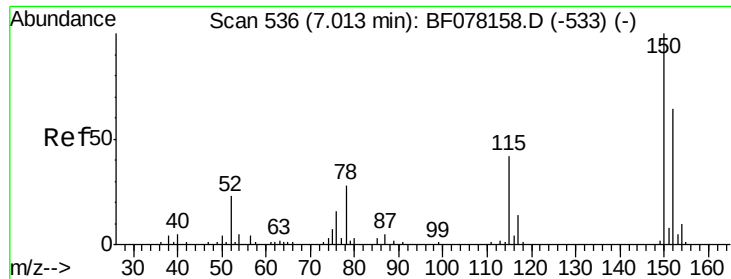
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 01:24:59 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



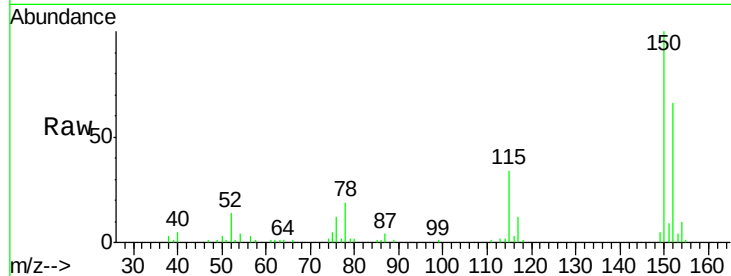


#1

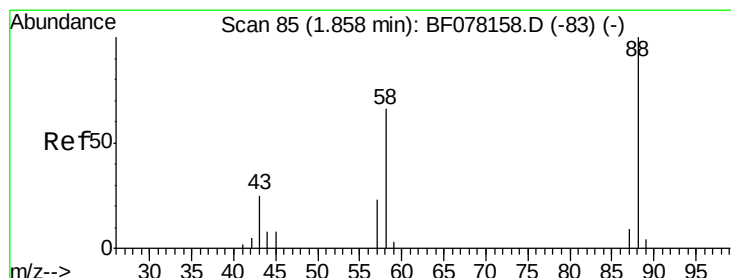
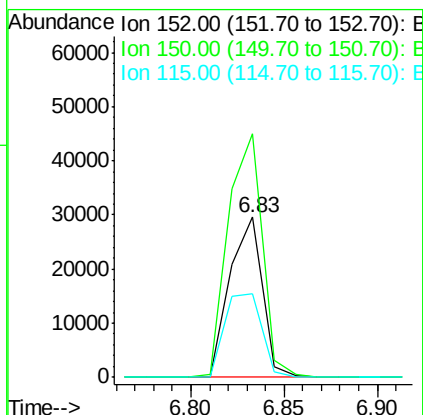
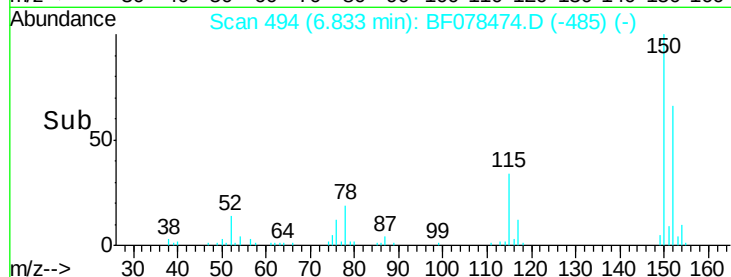
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.83 min Scan# 494
 Delta R.T. 0.00 min
 Lab File: BF078474.D
 Acq: 13 Apr 2015 21:55

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#



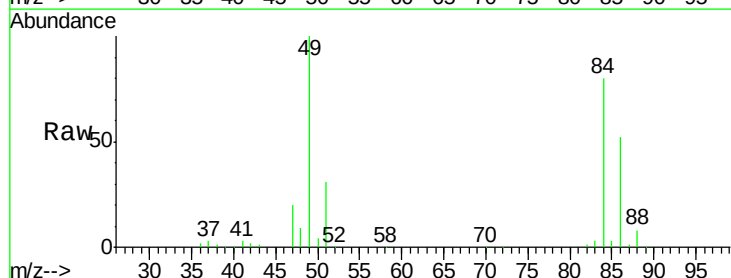
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



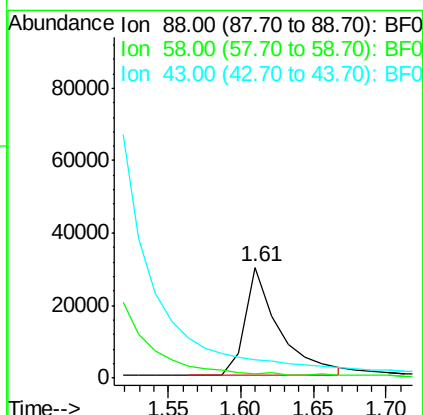
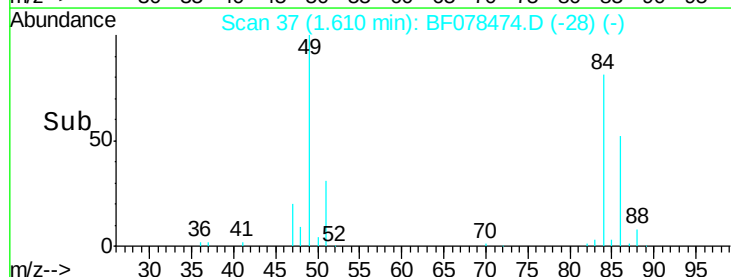
#2

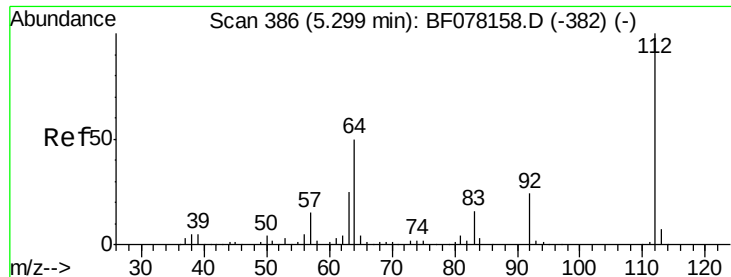
1,4-Dioxane
 Concen: 49.39 ng
 RT: 1.61 min Scan# 37
 Delta R.T. 0.00 min
 Lab File: BF078474.D
 Acq: 13 Apr 2015 21:55

Tgt Ion: 88 Resp: 49117
 Ion Ratio Lower Upper
 88 100
 58 0.0 56.9 85.3#
 43 0.0 21.4 32.2#



Abundance Ion 88.00 (87.70 to 88.70): BF0
 Ion 58.00 (57.70 to 58.70): BF0
 Ion 43.00 (42.70 to 43.70): BF0





#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

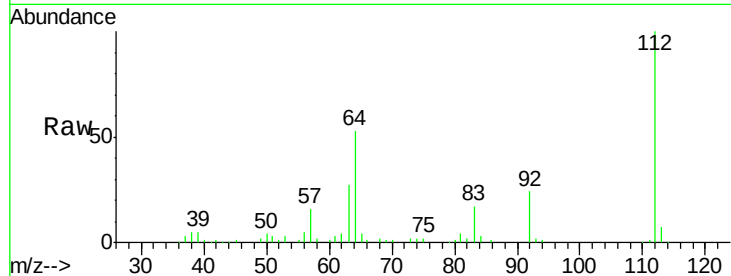
Instrument :

BNA_F

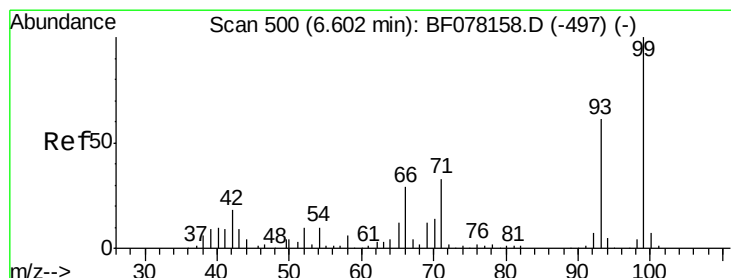
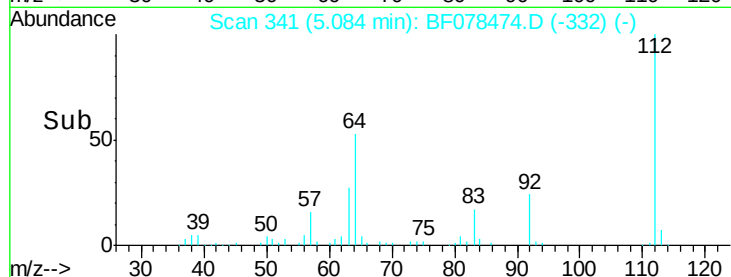
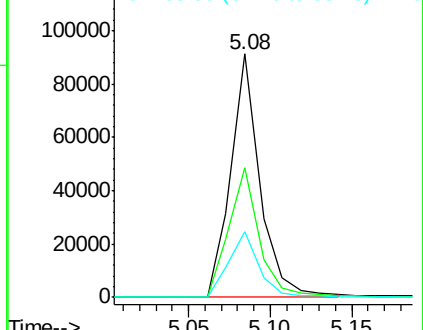
ClientSampleId :

PE-1R(7.5-8)

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



#7

Phenol-d6

Concen: 31.41 ng

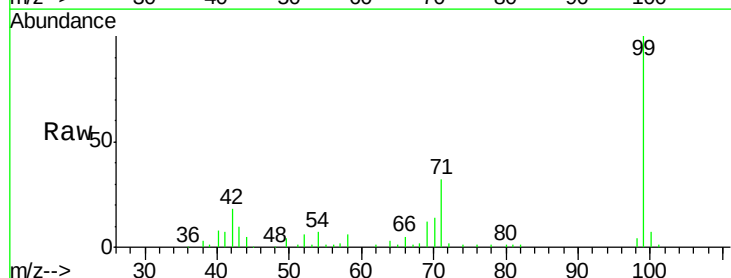
RT: 6.42 min Scan# 458

Delta R.T. -0.01 min

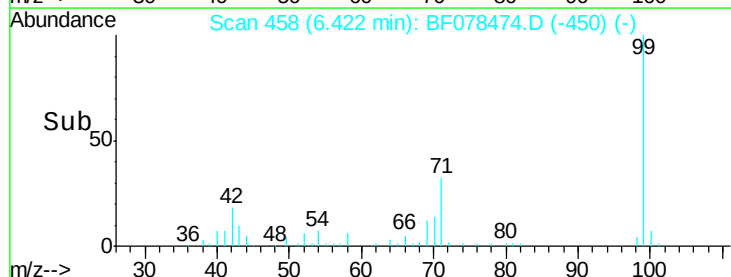
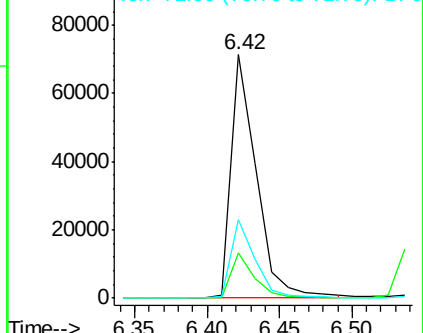
Lab File: BF078474.D

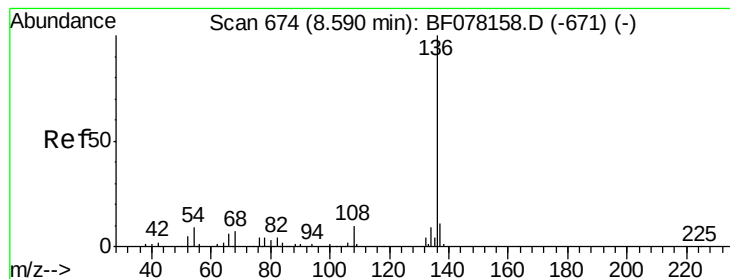
Acq: 13 Apr 2015 21:55

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





#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

Instrument :

BNA_F

ClientSampleId :

PE-1R(7.5-8)

Tgt Ion: 136 Resp: 154506

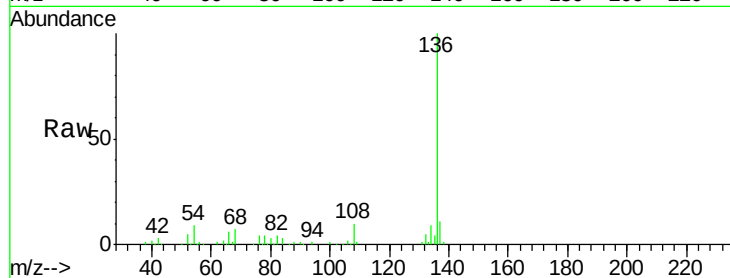
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 8.9 7.0 10.6

68 7.0 5.4 8.2

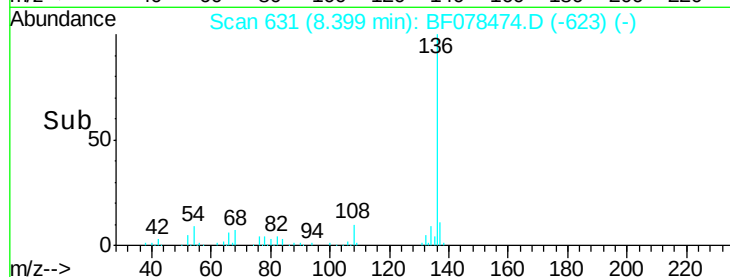


Abundance Ion 136.00 (135.70 to 136.70): E

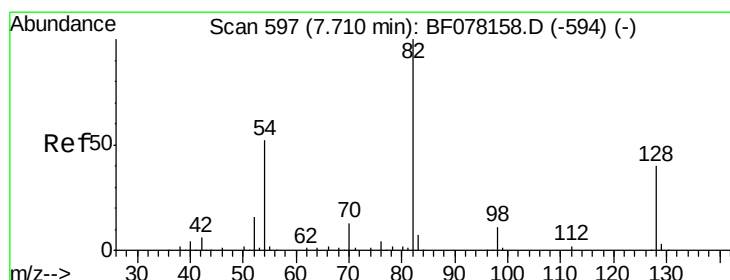
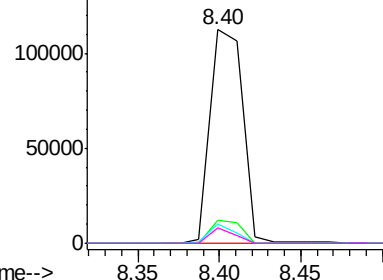
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#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

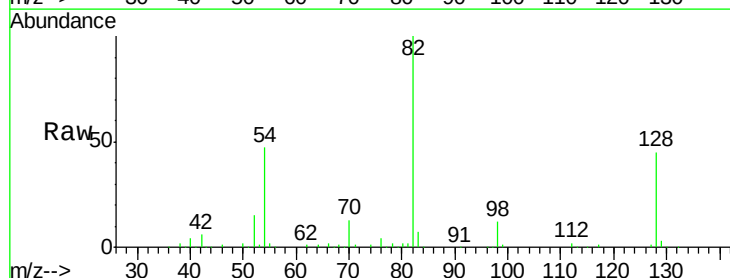
Tgt Ion: 82 Resp: 217599

Ion Ratio Lower Upper

82 100

128 45.2 31.8 47.8

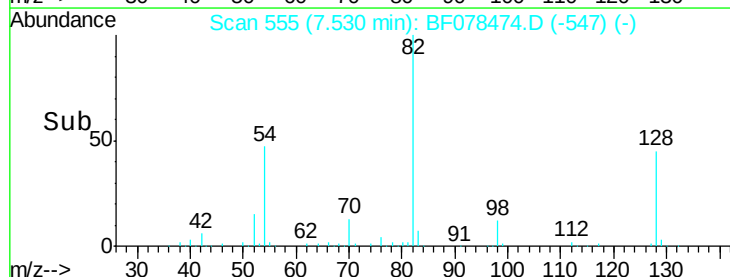
54 47.1 41.5 62.3



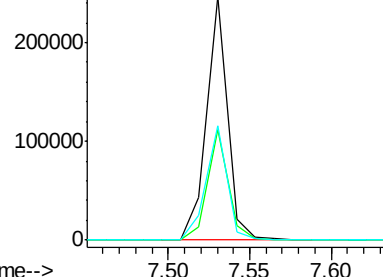
Abundance Ion 82.00 (81.70 to 82.70): BF0

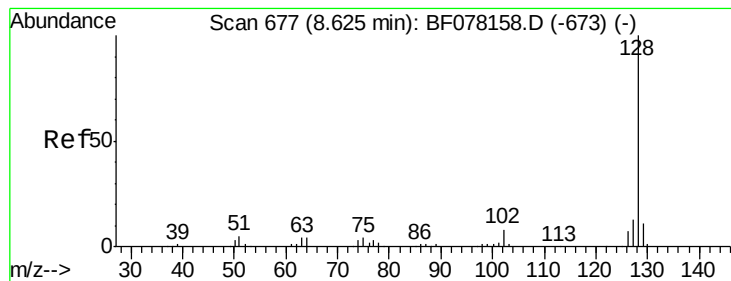
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->





#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

Instrument :

BNA_F

ClientSampleId :

PE-1R(7.5-8)

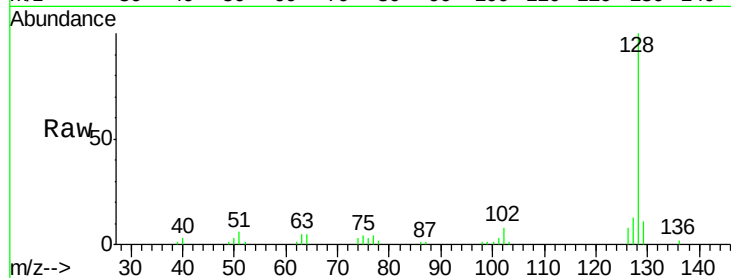
Tgt Ion:128 Resp: 39682

Ion Ratio Lower Upper

128 100

129 10.9 8.6 12.8

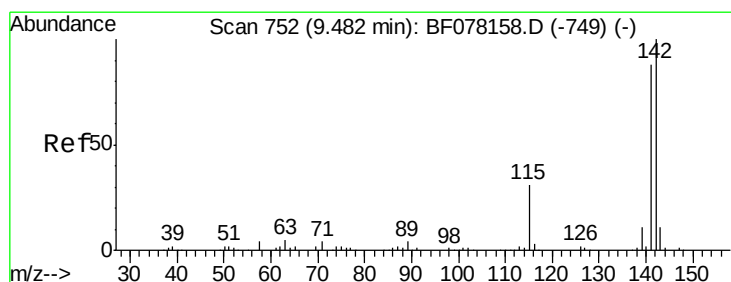
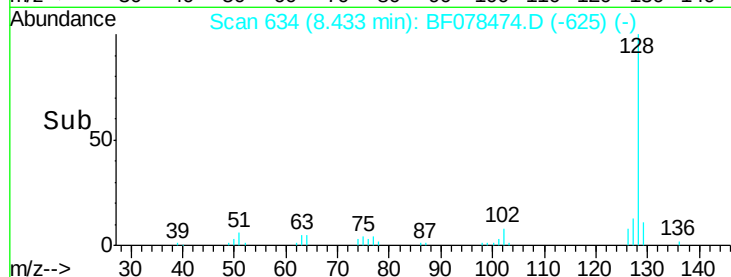
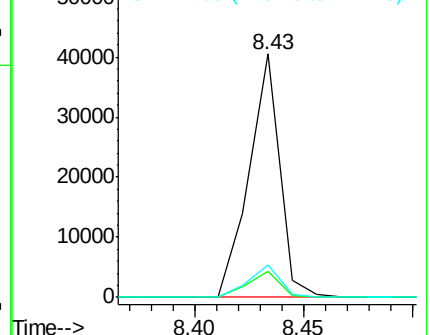
127 13.1 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#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

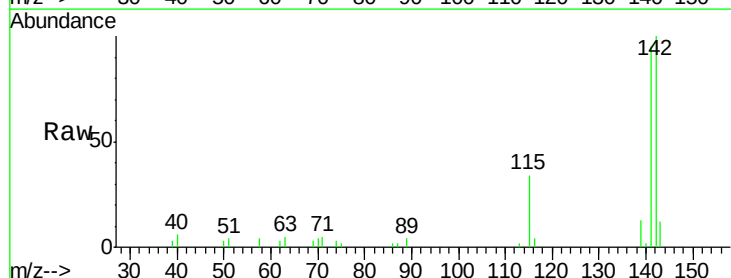
Tgt Ion:142 Resp: 13741

Ion Ratio Lower Upper

142 100

141 95.2 70.3 105.5

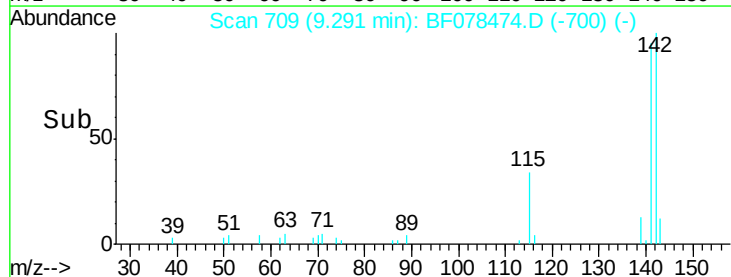
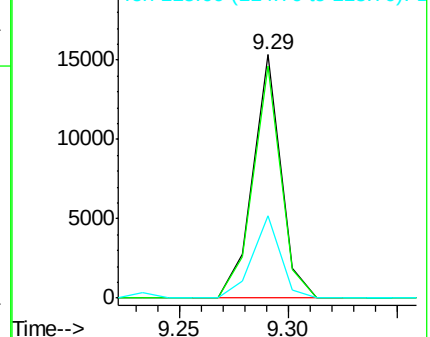
115 33.7 24.6 37.0

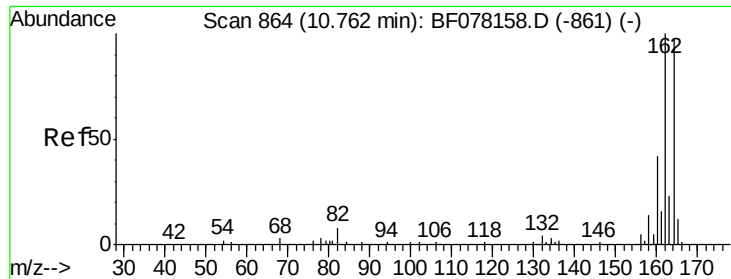


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

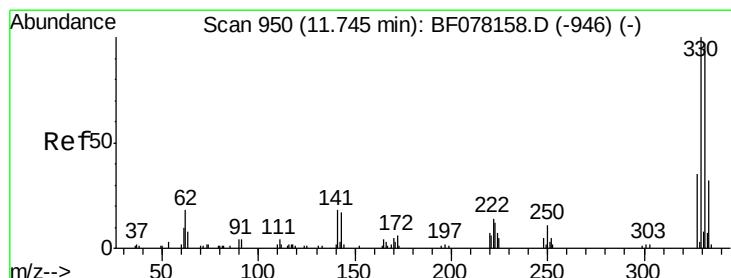
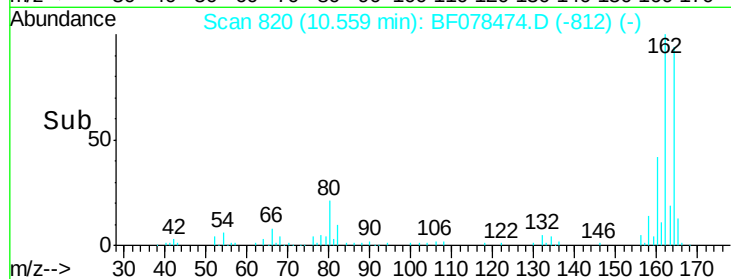
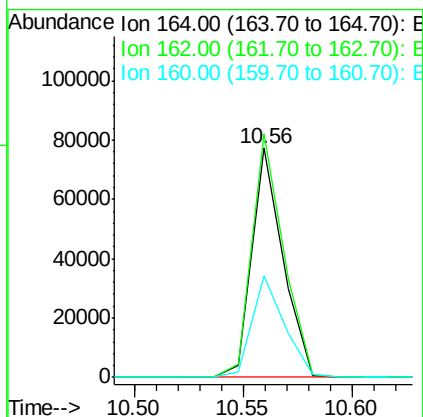
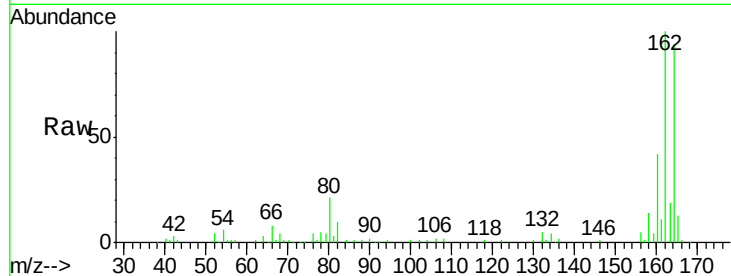




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.56 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BF078474.D
 Acq: 13 Apr 2015 21:55

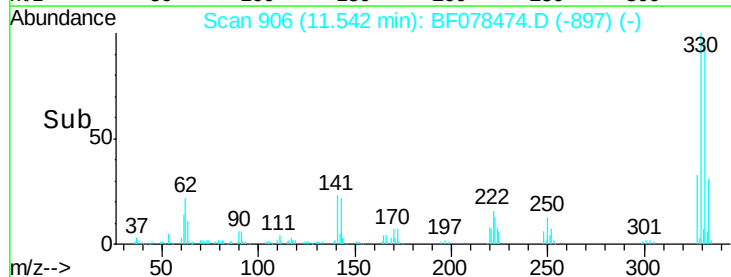
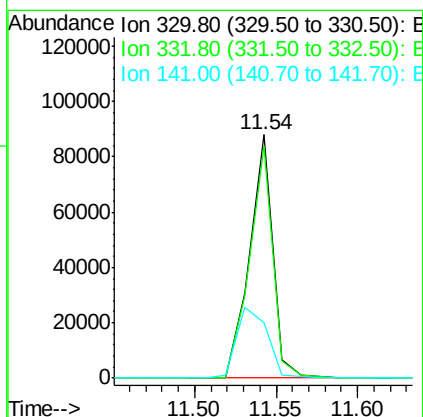
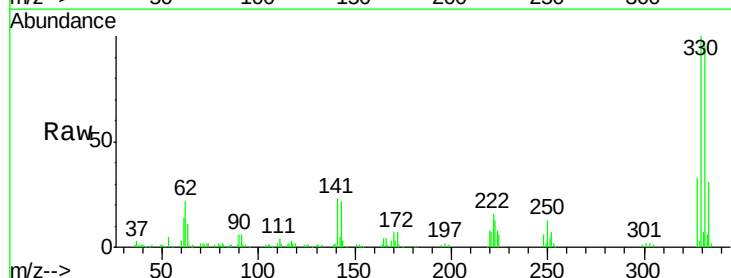
Instrument :
 BNA_F
 ClientSampleId :
 PE-1R(7.5-8)

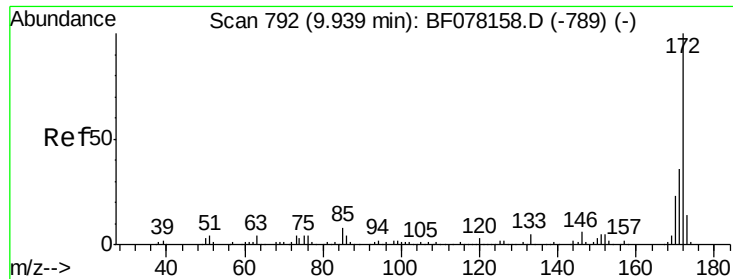
Tgt Ion:164 Resp: 76811
 Ion Ratio Lower Upper
 164 100
 162 106.3 82.2 123.2
 160 44.3 34.7 52.1



#41
 2,4,6-Tribromophenol
 Concen: 137.88 ng
 RT: 11.54 min Scan# 906
 Delta R.T. 0.00 min
 Lab File: BF078474.D
 Acq: 13 Apr 2015 21:55

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

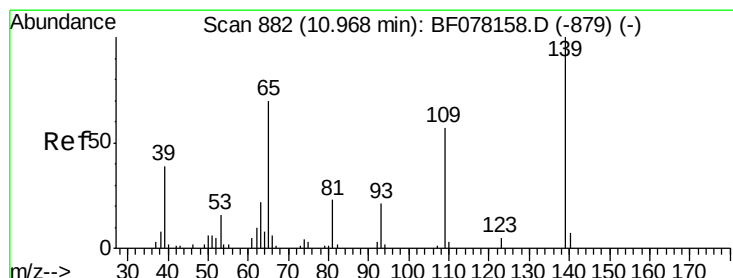
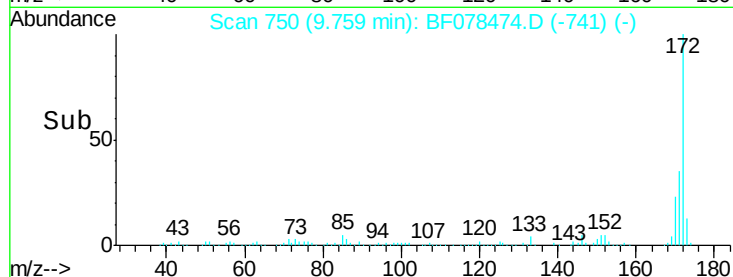
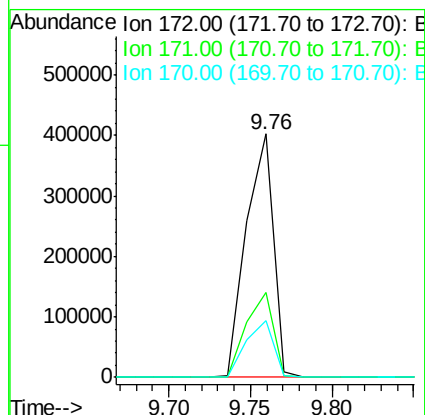
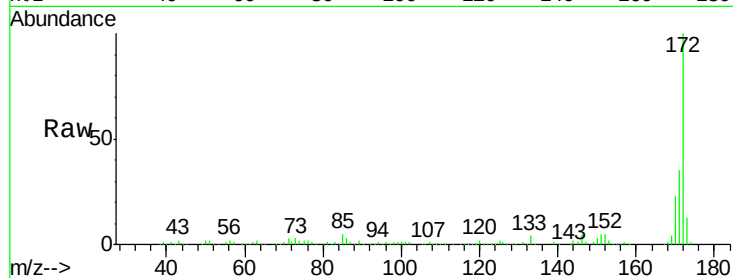




#44
 2-Fluorobiphenyl
 Concen: 86.33 ng
 RT: 9.76 min Scan# 750
 Delta R.T. 0.00 min
 Lab File: BF078474.D
 Acq: 13 Apr 2015 21:55

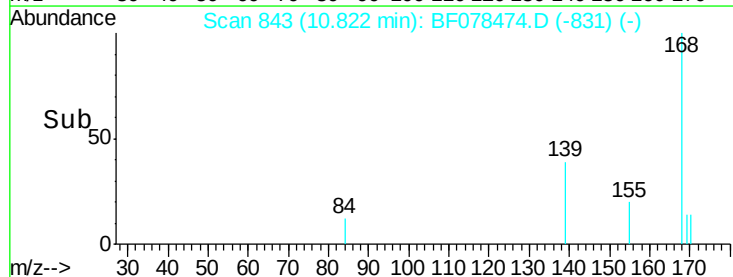
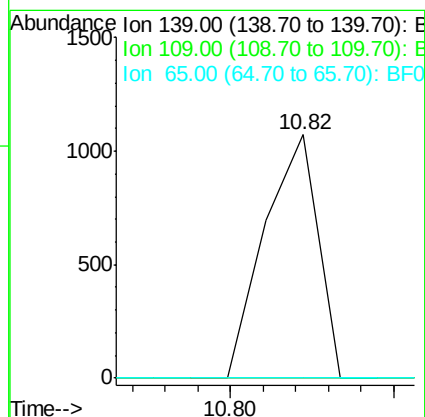
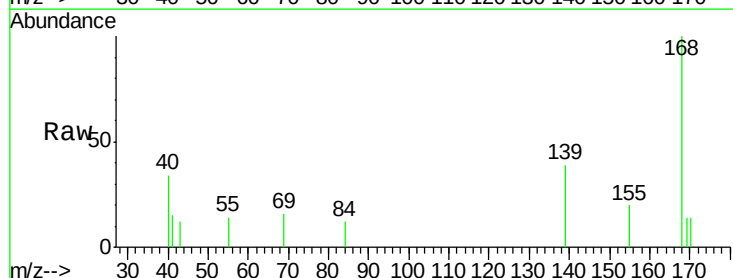
Instrument :
 BNA_F
 ClientSampleId :
 PE-1R(7.5-8)

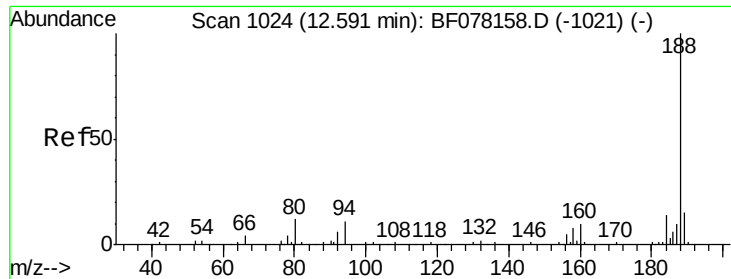
Tgt Ion:172 Resp: 463877
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.6 42.8
 170 23.3 18.5 27.7



#55
 4-Nitrophenol
 Concen: 3.94 ng
 RT: 10.82 min Scan# 843
 Delta R.T. 0.03 min
 Lab File: BF078474.D
 Acq: 13 Apr 2015 21:55

Tgt Ion:139 Resp: 1212
 Ion Ratio Lower Upper
 139 100
 109 0.0 36.7 76.7#
 65 0.0 49.9 89.9#

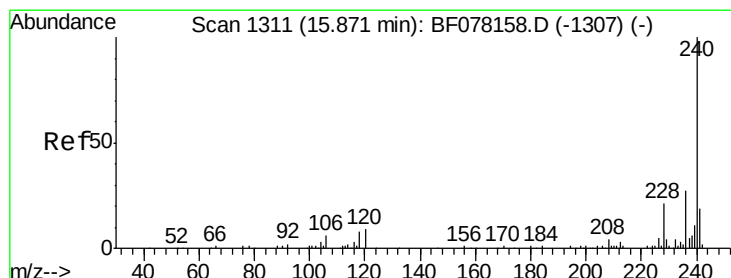
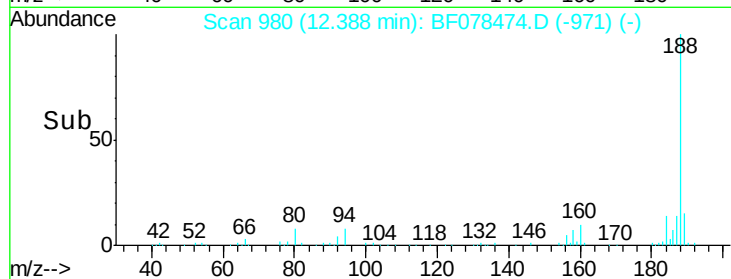
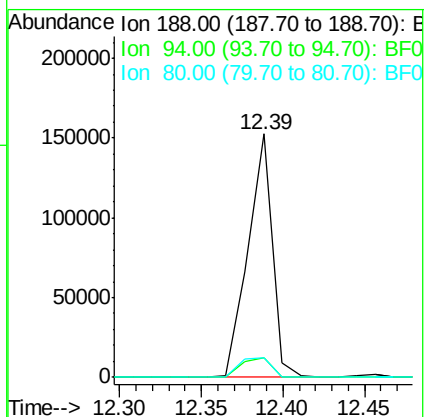
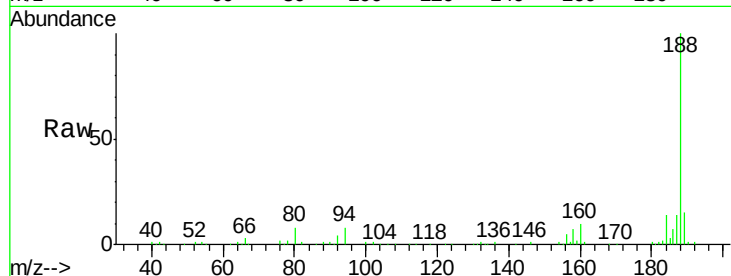




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.39 min Scan# 980
Delta R.T. 0.00 min
Lab File: BF078474.D
Acq: 13 Apr 2015 21:55

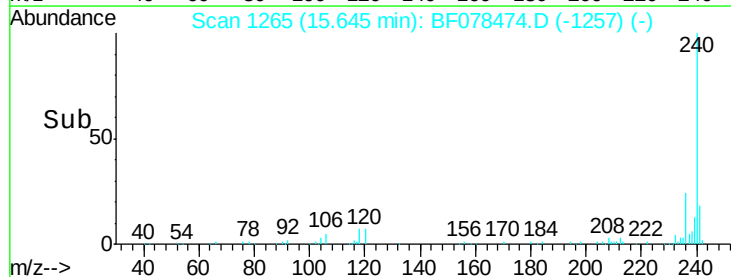
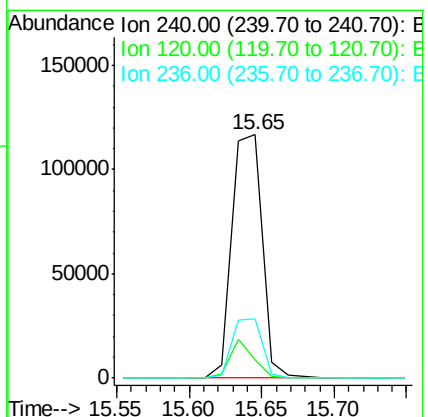
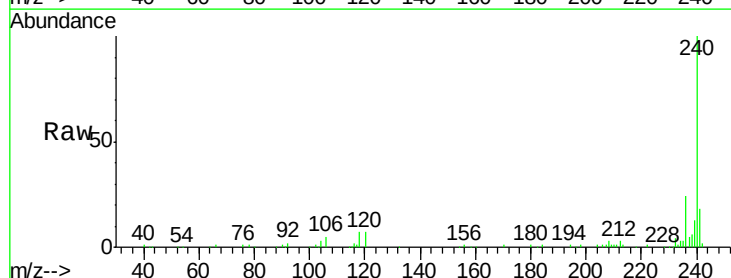
Instrument :
BNA_F
ClientSampleId :
PE-1R(7.5-8)

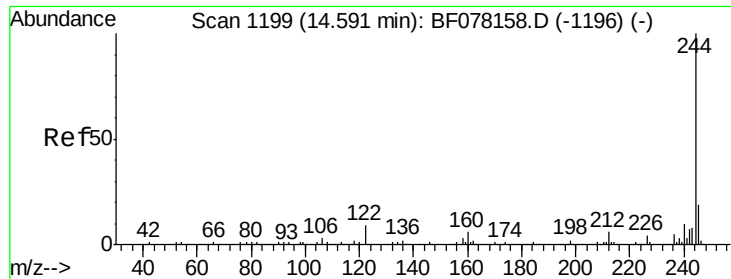
Tgt Ion:188 Resp: 157498
Ion Ratio Lower Upper
188 100
94 7.8 9.0 13.4#
80 8.0 9.5 14.3#



#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)

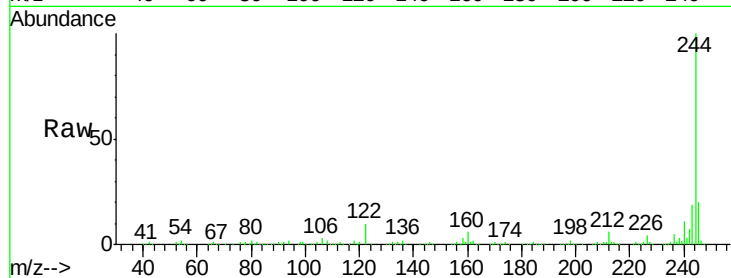
Tgt Ion:244 Resp: 424321

Ion Ratio Lower Upper

244 100

212 6.3 5.0 7.4

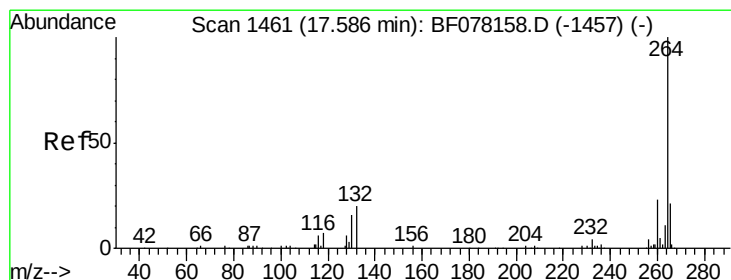
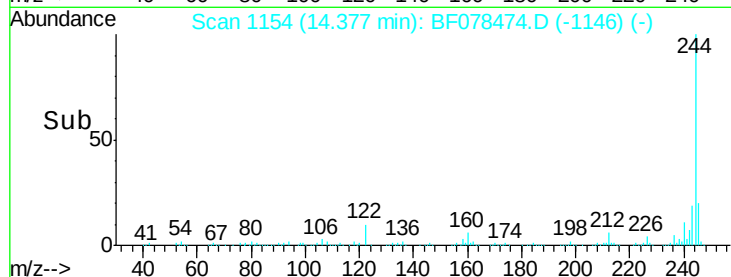
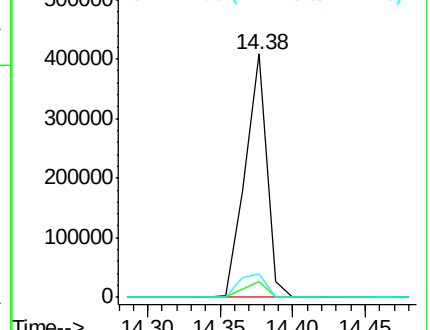
122 9.6 7.1 10.7



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: 17.35 min Scan# 1414

Delta R.T. -0.05 min

Lab File: BF078474.D

Acq: 13 Apr 2015 21:55

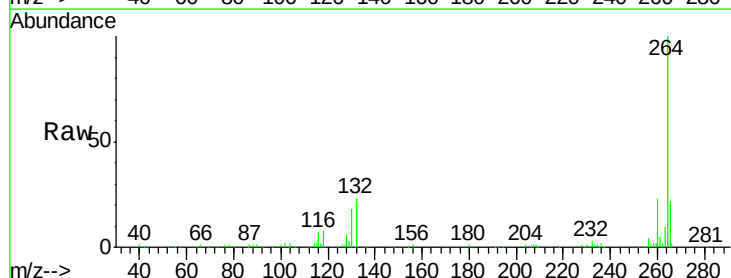
Tgt Ion:264 Resp: 166173

Ion Ratio Lower Upper

264 100

260 23.4 18.6 27.8

265 21.8 17.0 25.6



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

