

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041015\
 Data File : BF078418.D
 Acq On : 11 Apr 2015 00:13
 Operator : TP/IZ
 Sample : G1831-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PE-8

Quant Time: Apr 11 00:57:18 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 11 00:31:48 2015
 Response via : Initial Calibration

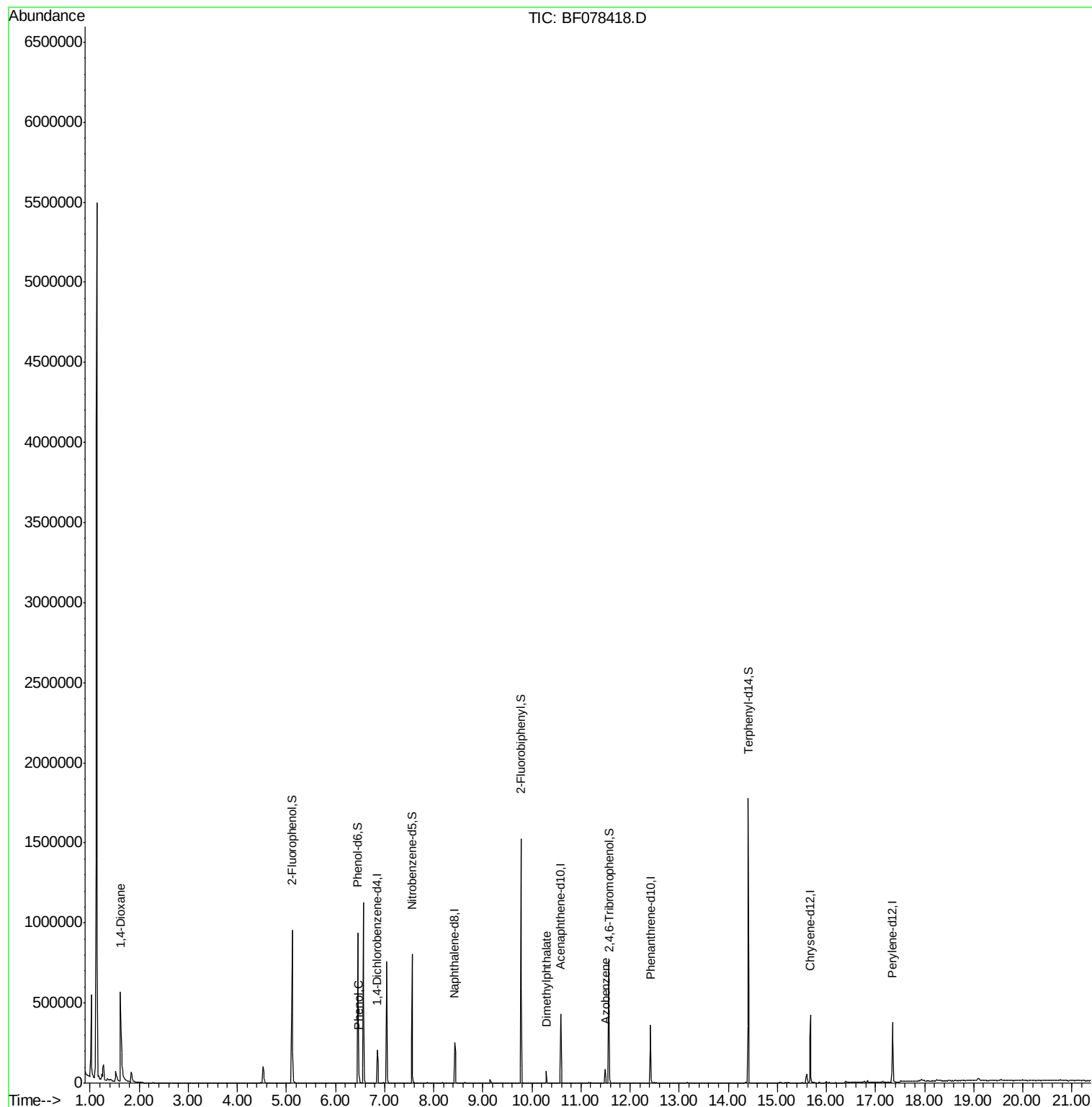
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	40964	20.00	ng	-0.01
21) Naphthalene-d8	8.43	136	165337	20.00	ng	-0.01
38) Acenaphthene-d10	10.59	164	88482	20.00	ng	0.00
63) Phenanthrene-d10	12.42	188	177578	20.00	ng	0.00
75) Chrysene-d12	15.68	240	200843	20.00	ng	-0.01
86) Perylene-d12	17.35	264	188402	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	342048	137.67	ng	0.00
7) Phenol-d6	6.45	99	420350	135.00	ng	-0.01
23) Nitrobenzene-d5	7.56	82	269318	98.73	ng	0.00
41) 2,4,6-Tribromophenol	11.57	330	122699	167.20	ng	0.00
44) 2-Fluorobiphenyl	9.78	172	546393	88.27	ng	0.00
78) Terphenyl-d14	14.41	244	660249	74.28	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.62	88	23779	21.17	ng	# 23
10) Phenol	6.48	94	10442	2.80	ng	94
49) Dimethylphthalate	10.29	163	31683	4.77	ng	# 96
62) Azobenzene	11.49	77	18380	3.14	ng	# 1

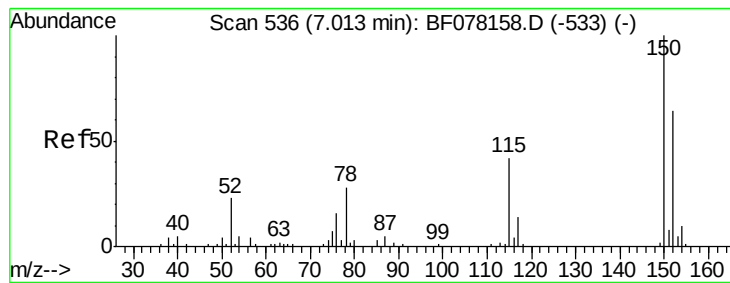
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF078418.D

Acq: 11 Apr 2015 00:13

Instrument :

BNA_F

ClientSampleId :

PE-8

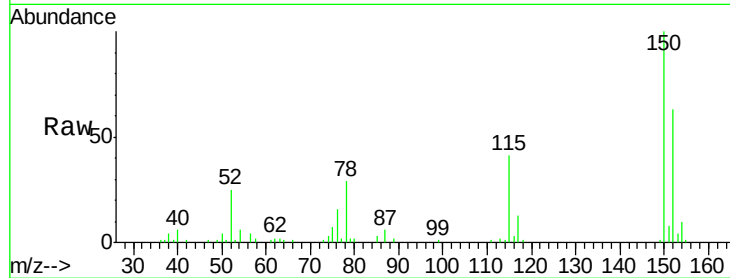
Tgt Ion:152 Resp: 40964

Ion Ratio Lower Upper

152 100

150 159.9 125.9 188.9

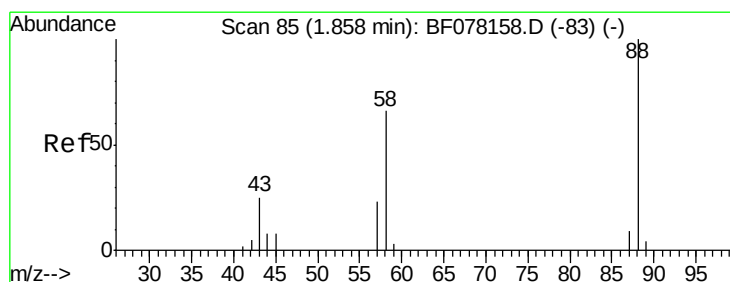
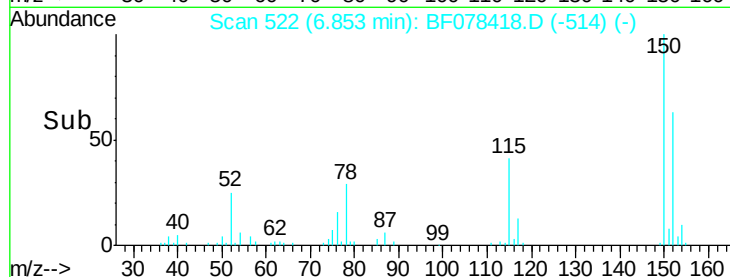
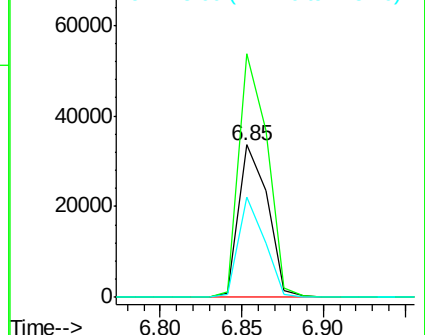
115 66.0 52.7 79.1



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: 21.17 ng

RT: 1.62 min Scan# 64

Delta R.T. -0.02 min

Lab File: BF078418.D

Acq: 11 Apr 2015 00:13

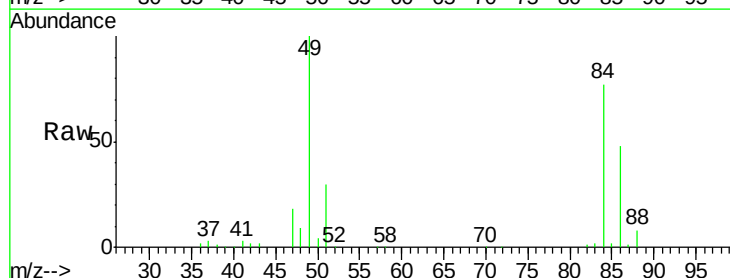
Tgt Ion: 88 Resp: 23779

Ion Ratio Lower Upper

88 100

58 0.0 56.9 85.3#

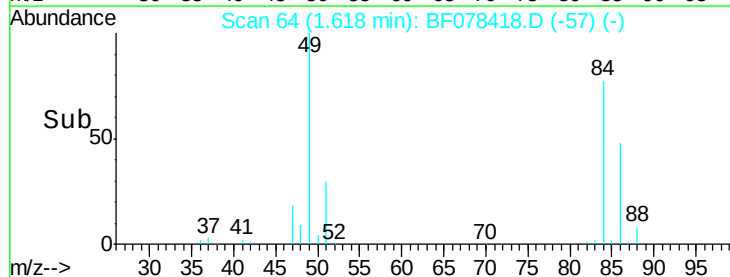
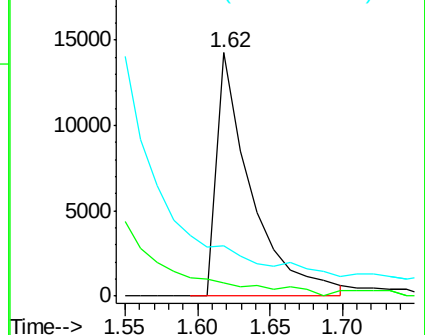
43 0.0 21.4 32.2#

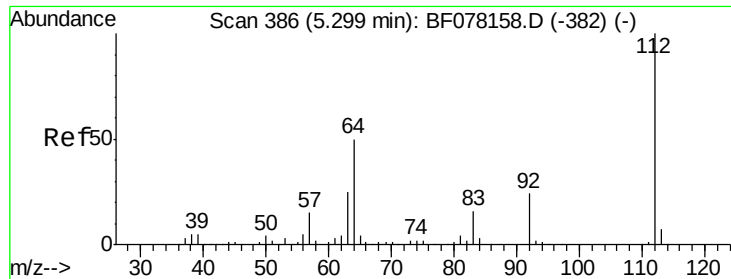


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 137.67 ng

RT: 5.12 min Scan# 370

Delta R.T. -0.00 min

Lab File: BF078418.D

Acq: 11 Apr 2015 00:13

Instrument :

BNA_F

ClientSampled :

PE-8

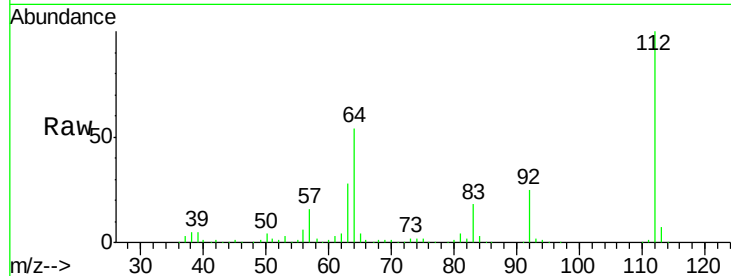
Tgt Ion: 112 Resp: 342048

Ion Ratio Lower Upper

112 100

64 53.8 39.9 59.9

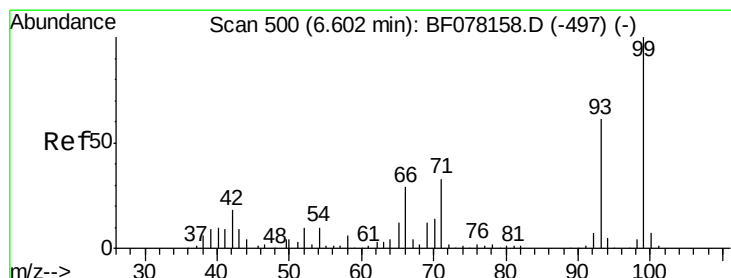
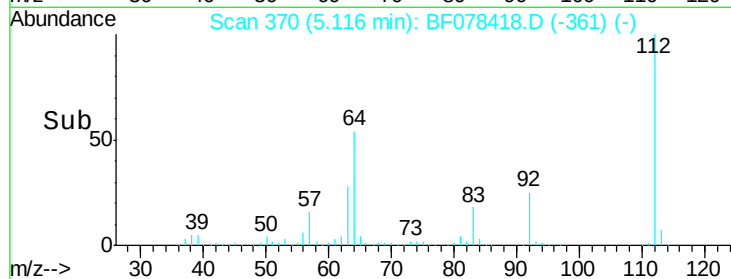
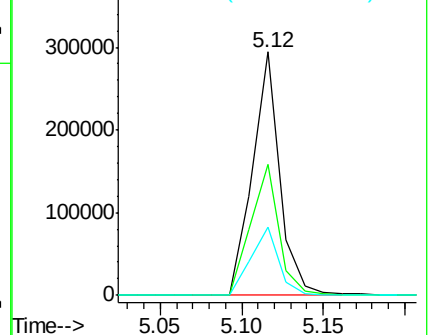
63 28.1 20.2 30.4



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: 135.00 ng

RT: 6.45 min Scan# 487

Delta R.T. -0.01 min

Lab File: BF078418.D

Acq: 11 Apr 2015 00:13

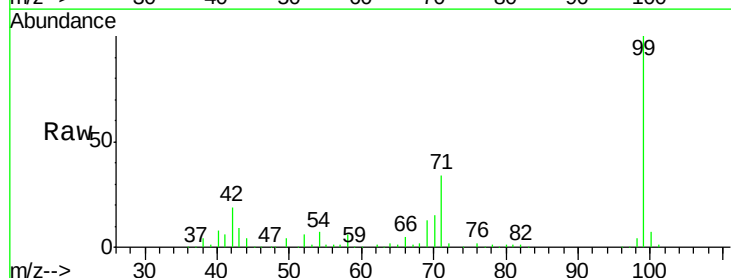
Tgt Ion: 99 Resp: 420350

Ion Ratio Lower Upper

99 100

42 19.0 14.8 22.2

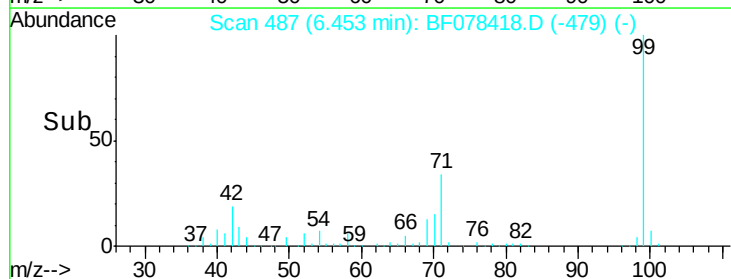
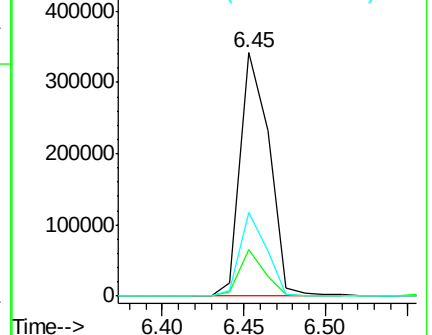
71 34.3 26.6 39.8

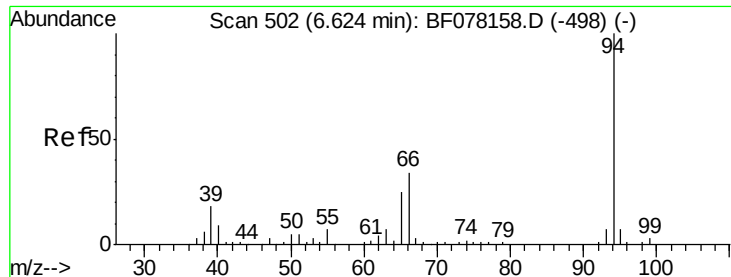


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#10

Phenol

Concen: 2.80 ng

RT: 6.48 min Scan# 489

Delta R.T. -0.00 min

Lab File: BF078418.D

Acq: 11 Apr 2015 00:13

Instrument :

BNA_F

ClientSampleId :

PE-8

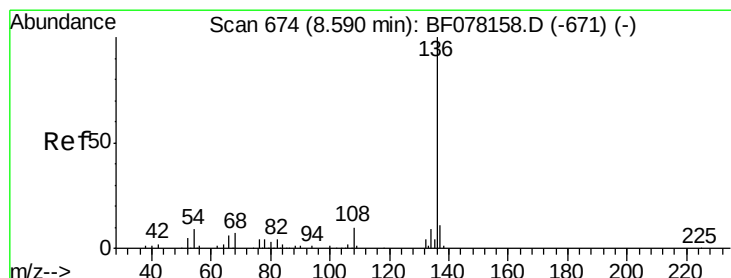
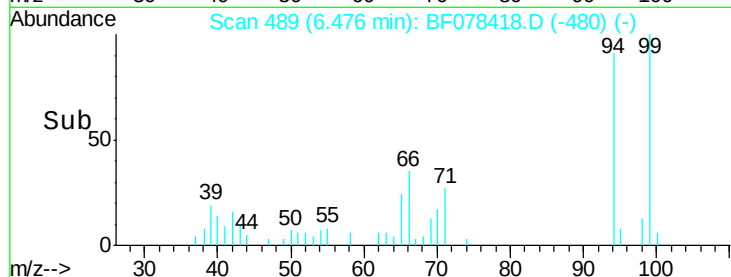
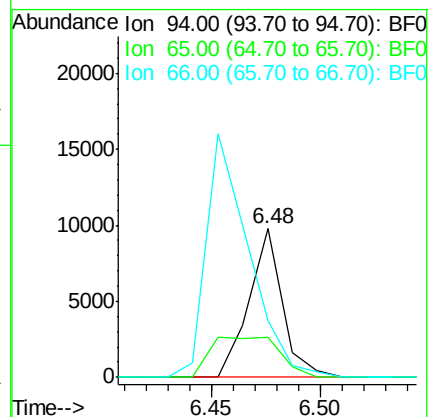
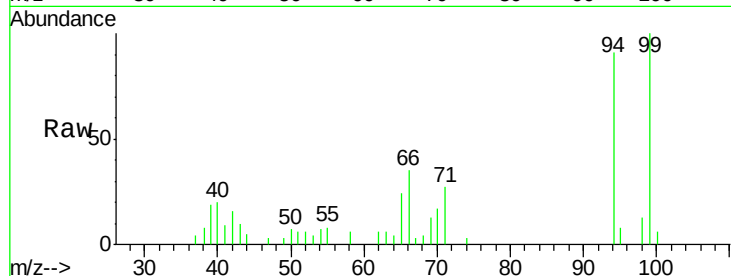
Tgt Ion: 94 Resp: 10442

Ion Ratio Lower Upper

94 100

65 26.8 4.9 44.9

66 37.8 13.8 53.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.43 min Scan# 660

Delta R.T. -0.01 min

Lab File: BF078418.D

Acq: 11 Apr 2015 00:13

Tgt Ion: 136 Resp: 165337

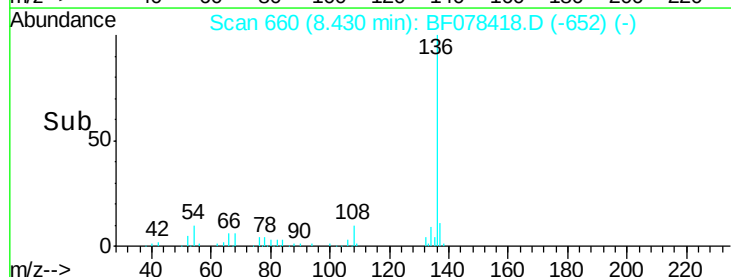
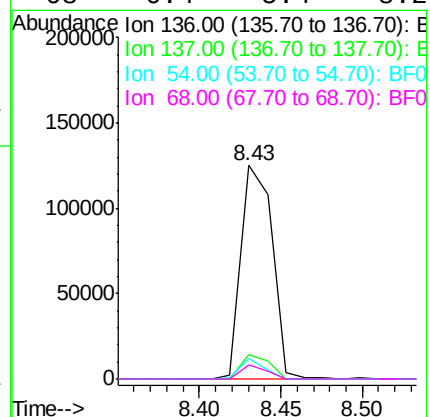
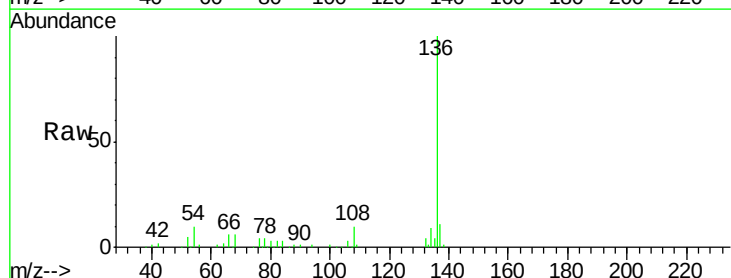
Ion Ratio Lower Upper

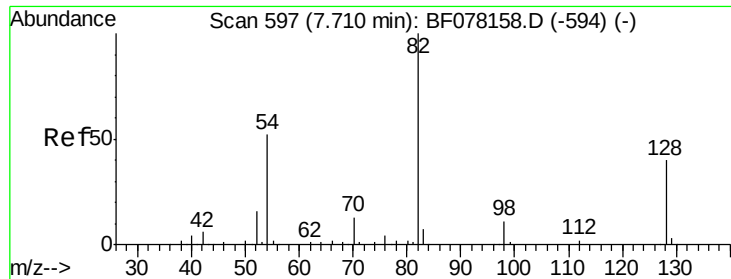
136 100

137 11.2 9.0 13.4

54 9.7 7.0 10.6

68 6.4 5.4 8.2

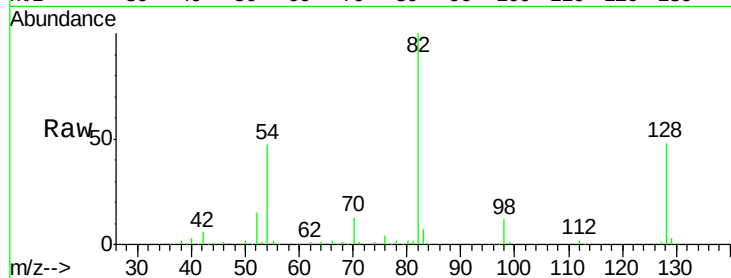




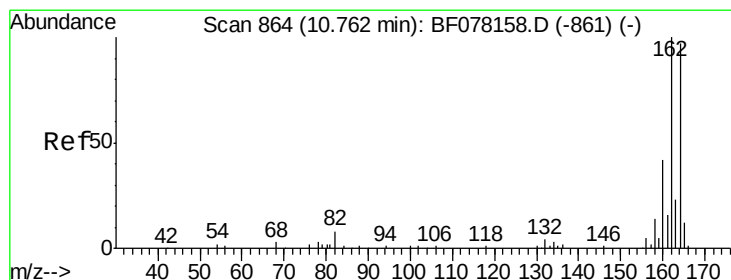
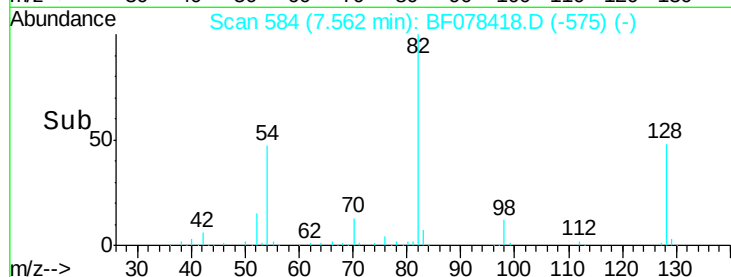
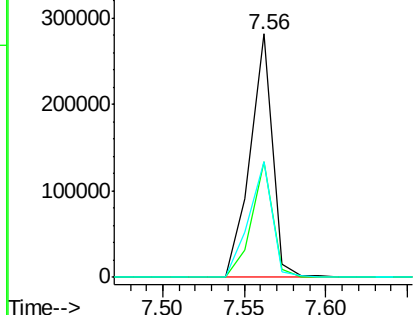
#23
 Nitrobenzene-d5
 Concen: 98.73 ng
 RT: 7.56 min Scan# 584
 Delta R.T. -0.00 min
 Lab File: BF078418.D
 Acq: 11 Apr 2015 00:13

Instrument :
 BNA_F
 ClientSampleId :
 PE-8

Tgt Ion: 82 Resp: 269318
 Ion Ratio Lower Upper
 82 100
 128 47.7 31.8 47.8
 54 47.4 41.5 62.3

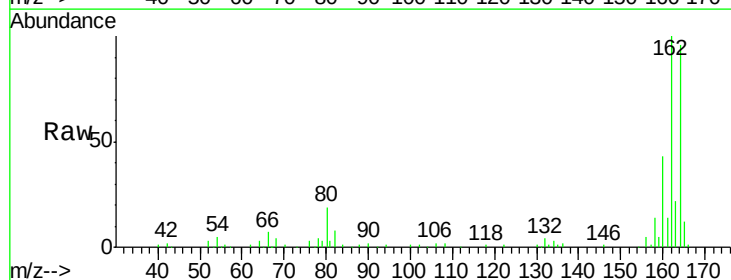


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

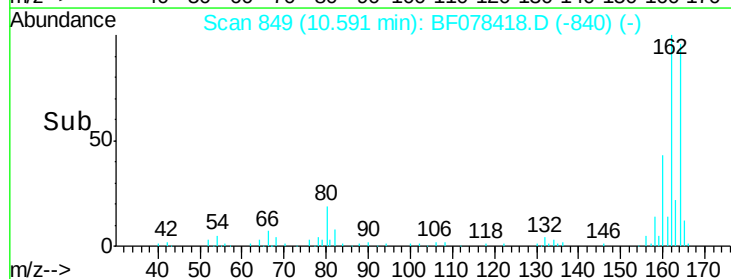
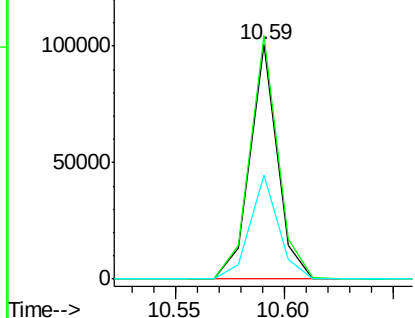


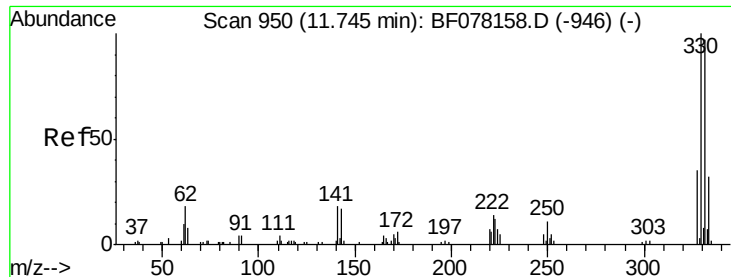
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.59 min Scan# 849
 Delta R.T. -0.00 min
 Lab File: BF078418.D
 Acq: 11 Apr 2015 00:13

Tgt Ion: 164 Resp: 88482
 Ion Ratio Lower Upper
 164 100
 162 103.8 82.2 123.2
 160 44.4 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

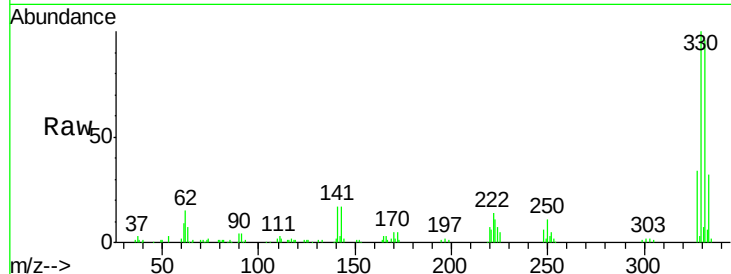




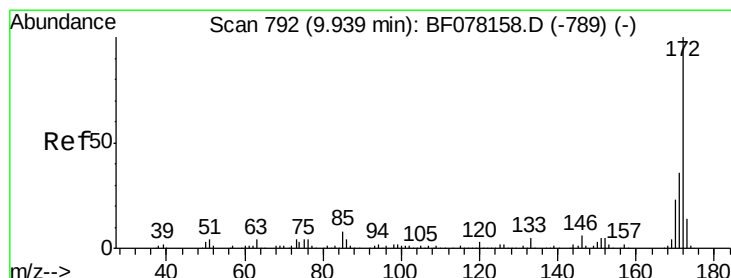
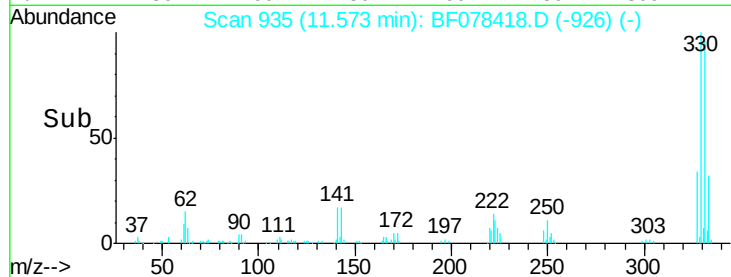
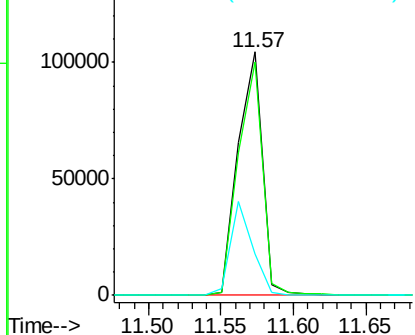
#41
 2,4,6-Tribromophenol
 Concen: 167.20 ng
 RT: 11.57 min Scan# 935
 Delta R.T. -0.00 min
 Lab File: BF078418.D
 Acq: 11 Apr 2015 00:13

Instrument :
 BNA_F
 ClientSampled :
 PE-8

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.3	78.6	117.8
141	35.1	31.2	46.8

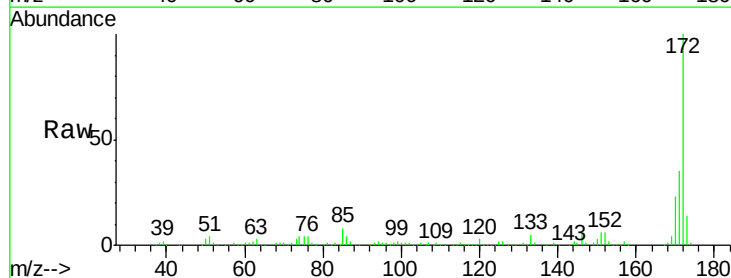


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

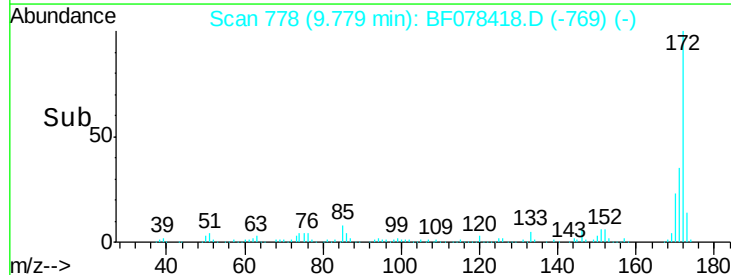
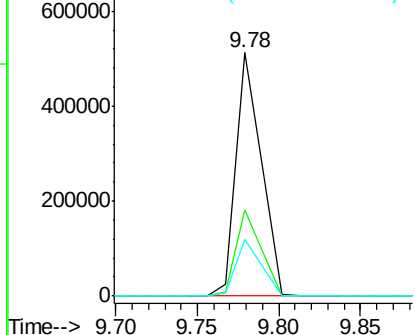


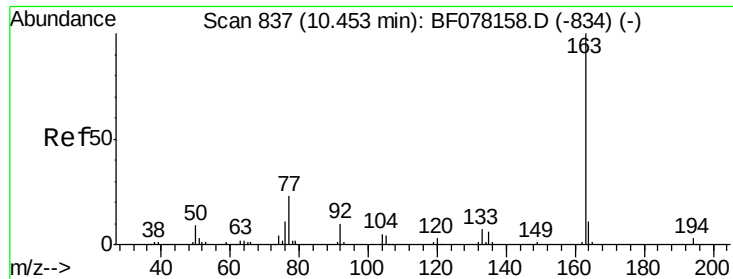
#44
 2-Fluorobiphenyl
 Concen: 88.27 ng
 RT: 9.78 min Scan# 778
 Delta R.T. -0.00 min
 Lab File: BF078418.D
 Acq: 11 Apr 2015 00:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.6	42.8
170	23.3	18.5	27.7



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

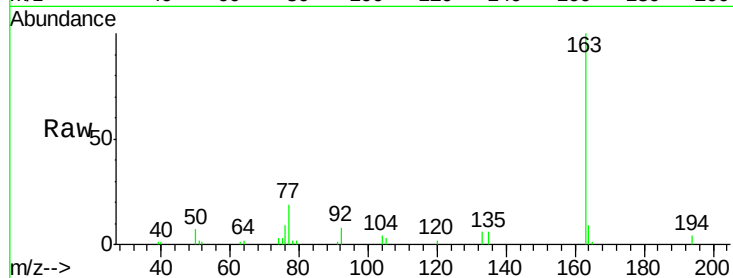




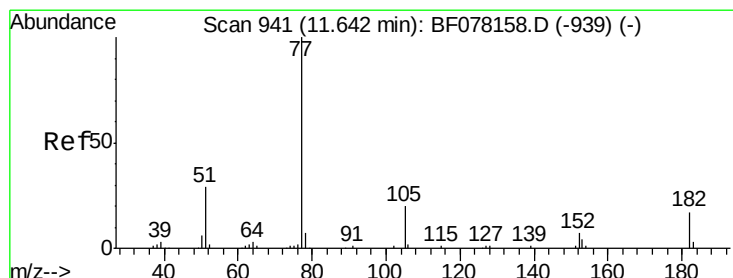
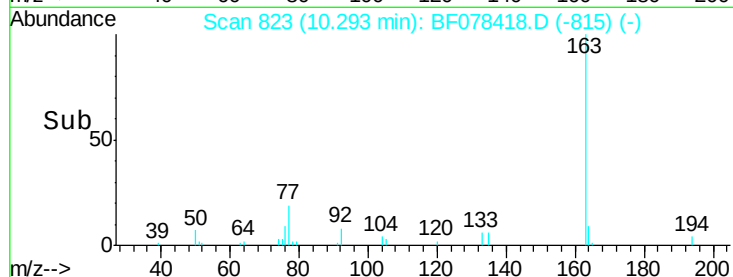
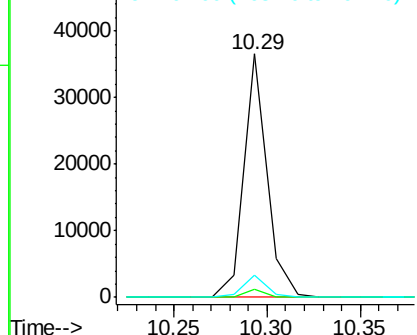
#49
Dimethylphthalate
Concen: 4.77 ng
RT: 10.29 min Scan# 823
Delta R.T. -0.01 min
Lab File: BF078418.D
Acq: 11 Apr 2015 00:13

Instrument :
BNA_F
ClientSampleId :
PE-8

Tgt Ion: 163 Resp: 31683
Ion Ratio Lower Upper
163 100
194 3.6 2.3 3.5#
164 9.3 8.6 13.0

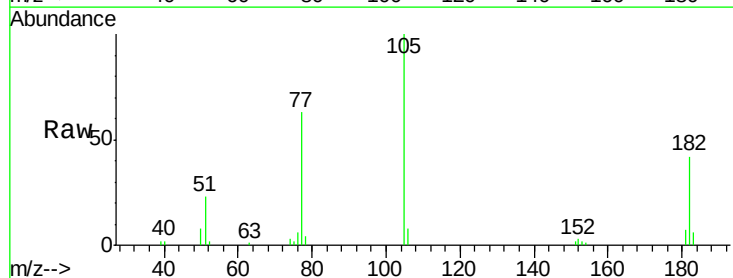


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

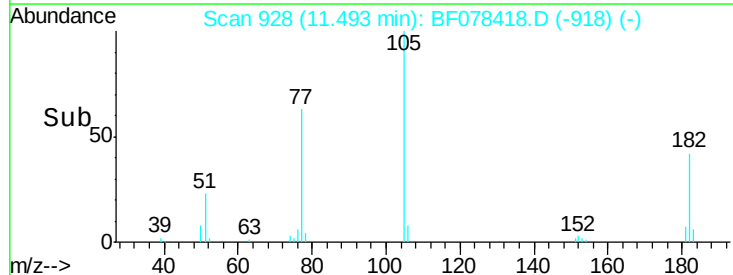
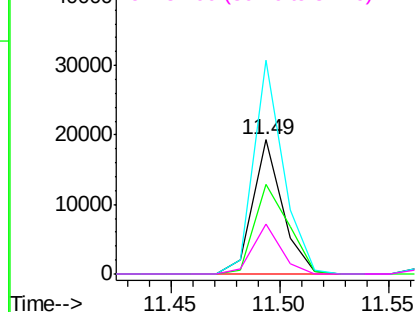


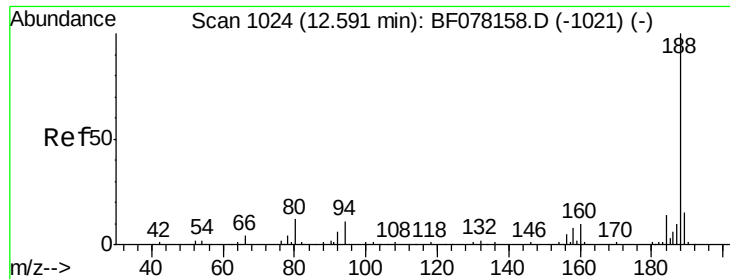
#62
Azobenzene
Concen: 3.14 ng
RT: 11.49 min Scan# 928
Delta R.T. 0.01 min
Lab File: BF078418.D
Acq: 11 Apr 2015 00:13

Tgt Ion: 77 Resp: 18380
Ion Ratio Lower Upper
77 100
182 67.0 0.0 36.8#
105 159.5 0.3 40.3#
51 37.2 9.1 49.1



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

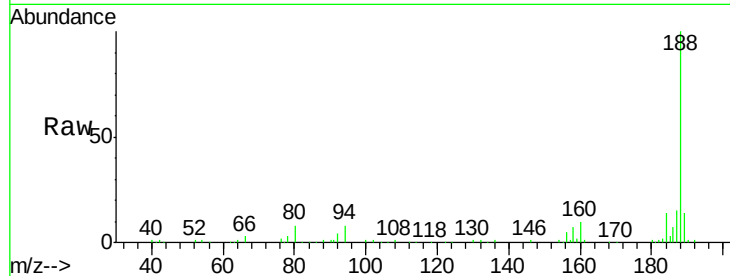




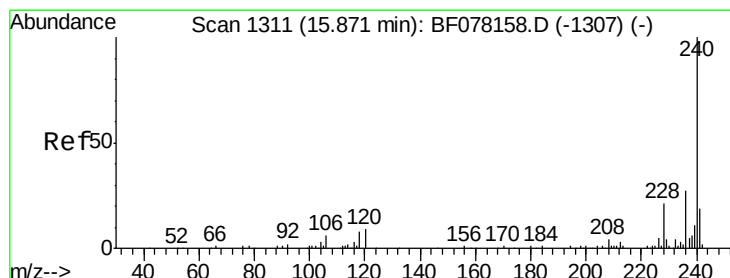
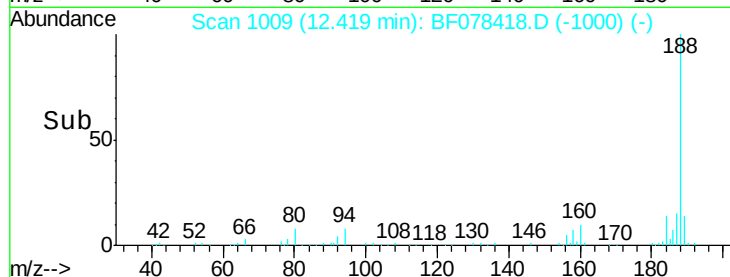
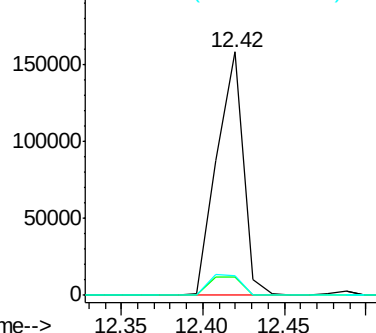
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.42 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: BF078418.D
 Acq: 11 Apr 2015 00:13

Instrument :
 BNA_F
 ClientSampleId :
 PE-8

Tgt Ion:188 Resp: 177578
 Ion Ratio Lower Upper
 188 100
 94 7.7 9.0 13.4#
 80 8.0 9.5 14.3#

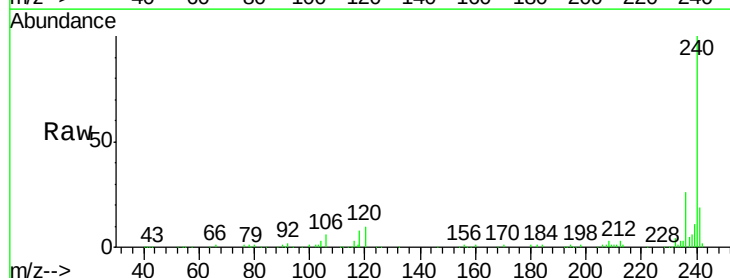


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

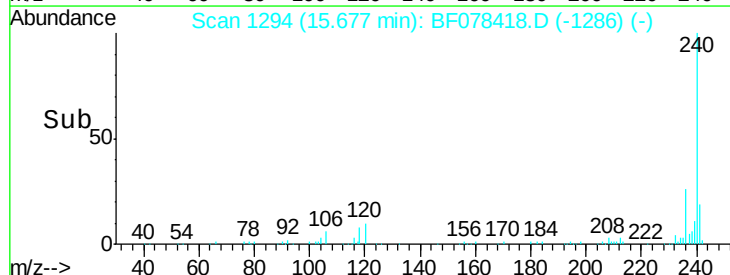
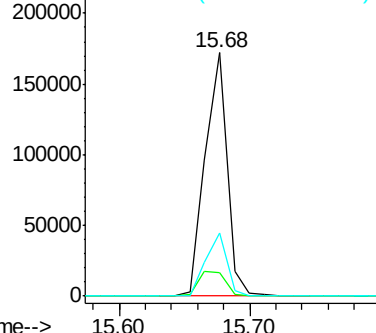


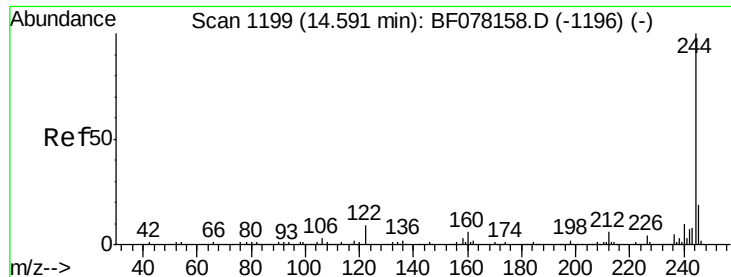
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.68 min Scan# 1294
 Delta R.T. -0.01 min
 Lab File: BF078418.D
 Acq: 11 Apr 2015 00:13

Tgt Ion:240 Resp: 200843
 Ion Ratio Lower Upper
 240 100
 120 9.8 7.1 10.7
 236 26.0 21.4 32.2



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: 74.28 ng

RT: 14.41 min Scan# 1183

Delta R.T. -0.00 min

Lab File: BF078418.D

Acq: 11 Apr 2015 00:13

Instrument :

BNA_F

ClientSampleId :

PE-8

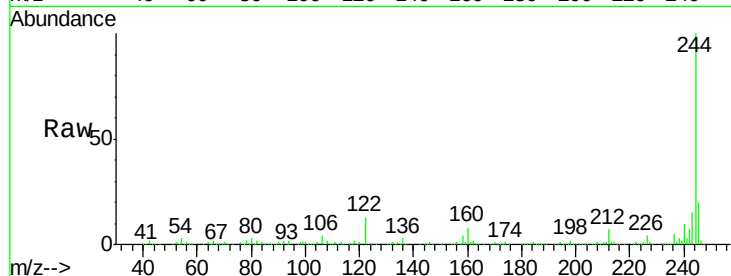
Tgt Ion:244 Resp: 660249

Ion Ratio Lower Upper

244 100

212 6.8 5.0 7.4

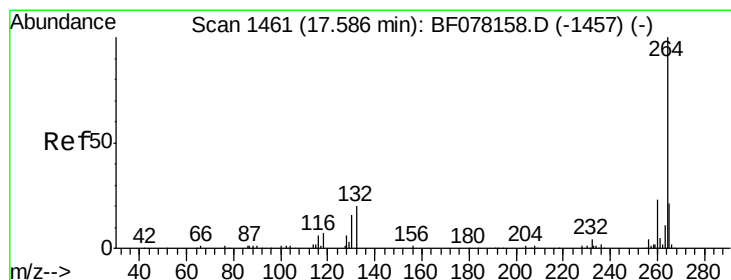
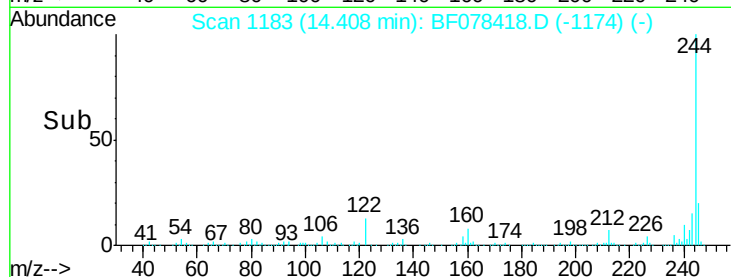
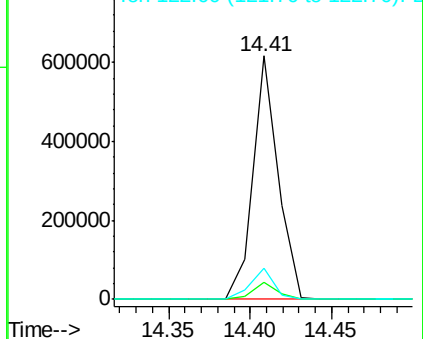
122 12.8 7.1 10.7#



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# 1440

Delta R.T. -0.10 min

Lab File: BF078418.D

Acq: 11 Apr 2015 00:13

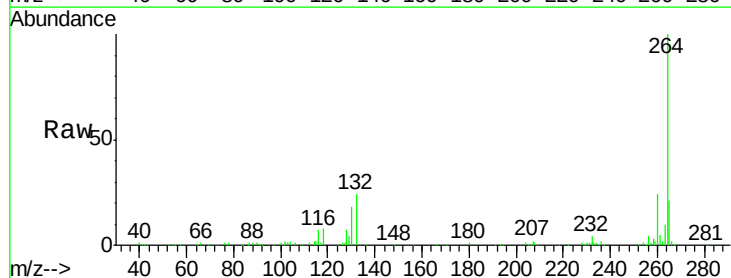
Tgt Ion:264 Resp: 188402

Ion Ratio Lower Upper

264 100

260 24.0 18.6 27.8

265 21.5 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

