

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041015\
 Data File : BF078414.D
 Acq On : 10 Apr 2015 22:17
 Operator : TP/IZ
 Sample : G1677-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Apr 11 00:53:58 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

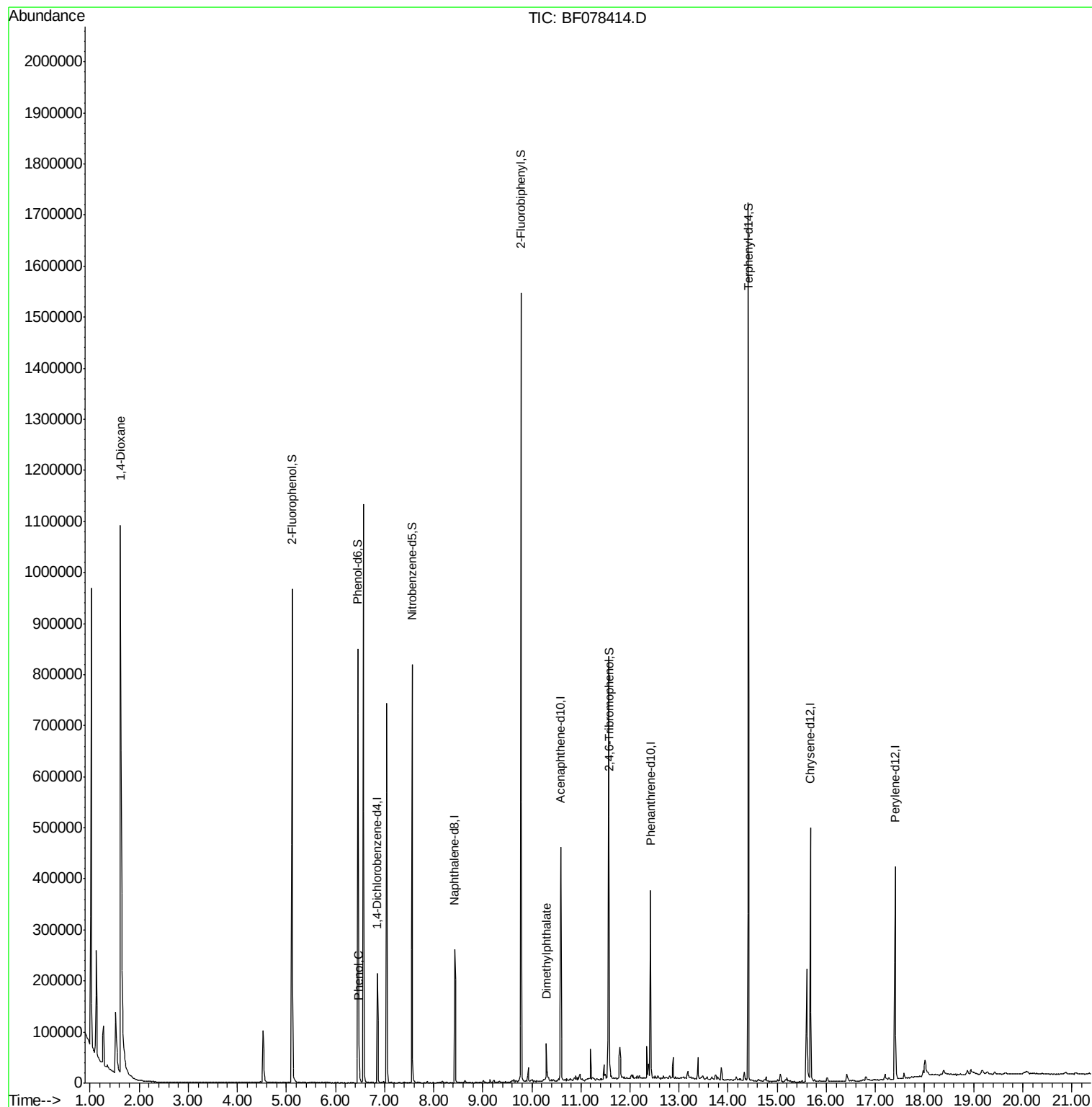
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	41713	20.00	ng	-0.01
21) Naphthalene-d8	8.43	136	167113	20.00	ng	-0.01
38) Acenaphthene-d10	10.59	164	90297	20.00	ng	0.00
63) Phenanthrene-d10	12.42	188	185570	20.00	ng	0.00
75) Chrysene-d12	15.68	240	200933	20.00	ng	-0.01
86) Perylene-d12	17.40	264	200568	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	348661	137.81	ng	0.00
7) Phenol-d6	6.45	99	440496	138.93	ng	-0.01
23) Nitrobenzene-d5	7.56	82	274419	99.53	ng	0.00
41) 2,4,6-Tribromophenol	11.57	330	121662	162.46	ng	0.00
44) 2-Fluorobiphenyl	9.78	172	533903	84.52	ng	0.00
78) Terphenyl-d14	14.41	244	687490	77.31	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.62	88	44042	38.50	ng	Qvalue # 23
10) Phenol	6.48	94	15664	4.12	ng	99
49) Dimethylphthalate	10.29	163	29148	4.30	ng	98

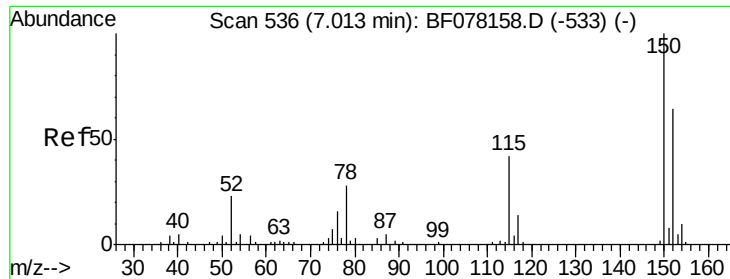
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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PE-1R(7.5-8)

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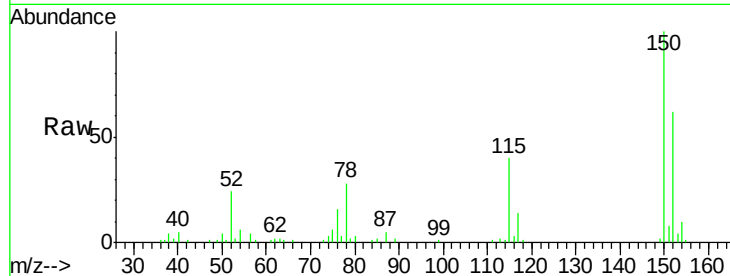


#1

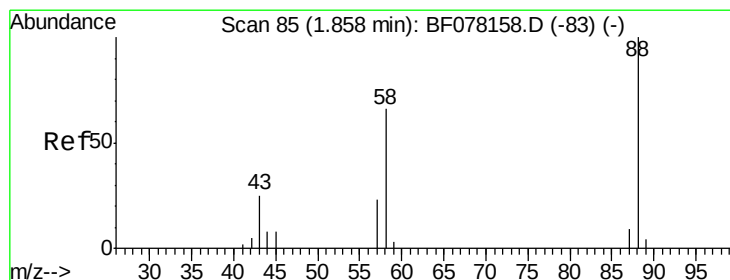
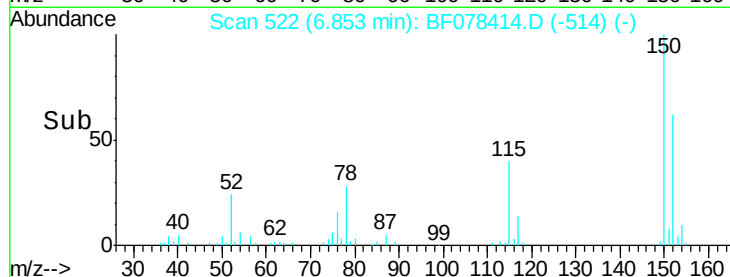
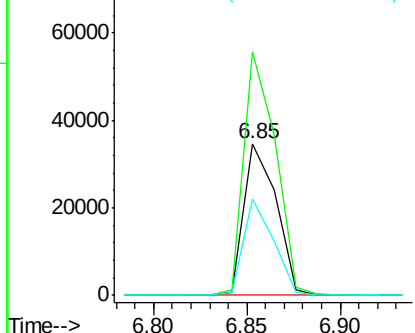
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 522
 Delta R.T. -0.01 min
 Lab File: BF078414.D
 Acq: 10 Apr 2015 22:17

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

Tgt Ion:152 Resp: 41713
 Ion Ratio Lower Upper
 152 100
 150 160.3 125.9 188.9
 115 63.8 52.7 79.1



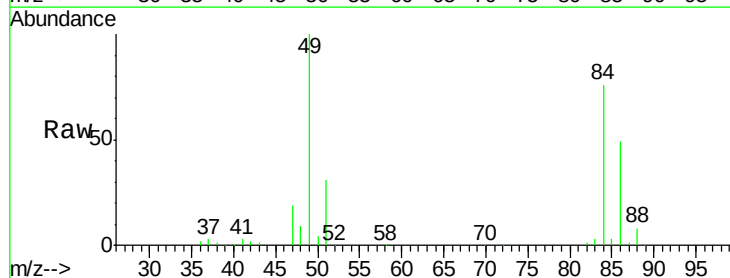
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



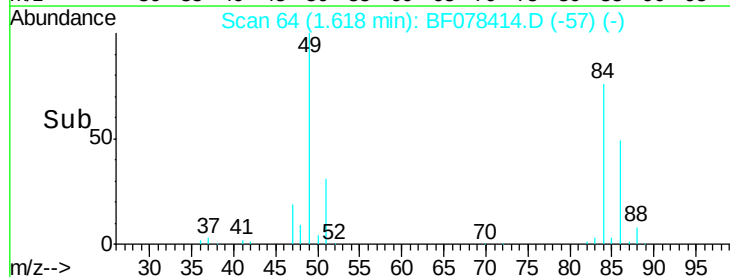
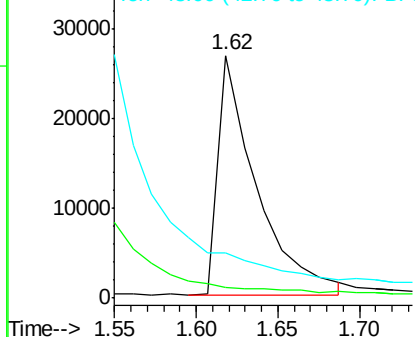
#2

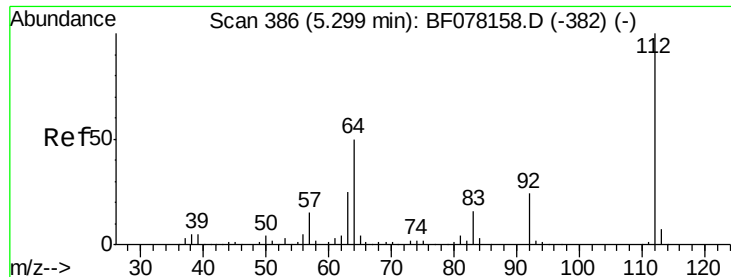
1,4-Dioxane
 Concen: 38.50 ng
 RT: 1.62 min Scan# 64
 Delta R.T. -0.02 min
 Lab File: BF078414.D
 Acq: 10 Apr 2015 22:17

Tgt Ion: 88 Resp: 44042
 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: 137.81 ng

RT: 5.12 min Scan# 370

Delta R.T. -0.00 min

Lab File: BF078414.D

Acq: 10 Apr 2015 22:17

Instrument :

BNA_F

ClientSampleId :

PE-1R(7.5-8)

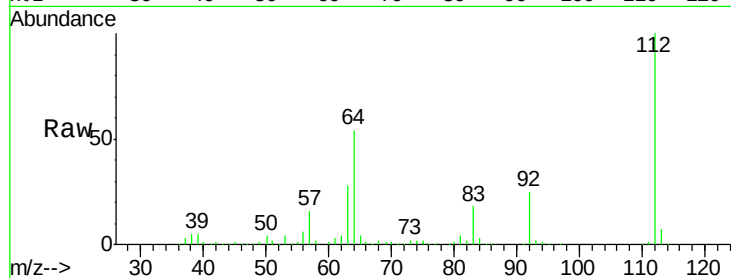
Tgt Ion: 112 Resp: 348661

Ion Ratio Lower Upper

112 100

64 53.9 39.9 59.9

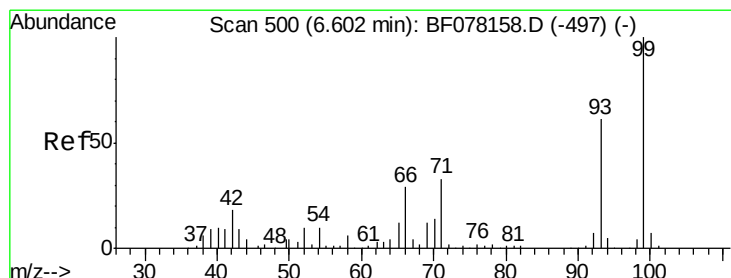
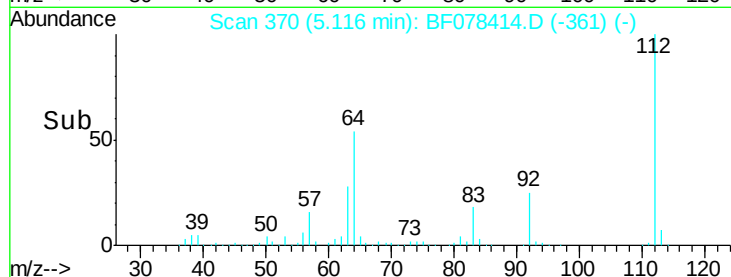
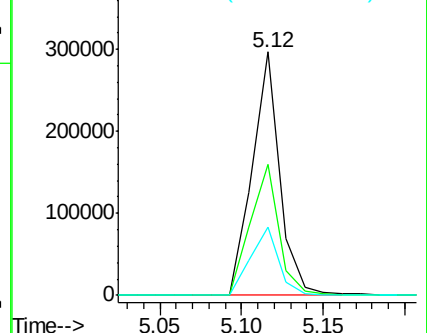
63 28.3 20.2 30.4



Abundance Ion 112.00 (111.70 to 112.70): BF078158.D (-382) (-)

Ion 64.00 (63.70 to 64.70): BF078158.D (-382) (-)

Ion 63.00 (62.70 to 63.70): BF078158.D (-382) (-)



#7

Phenol-d6

Concen: 138.93 ng

RT: 6.45 min Scan# 487

Delta R.T. -0.01 min

Lab File: BF078414.D

Acq: 10 Apr 2015 22:17

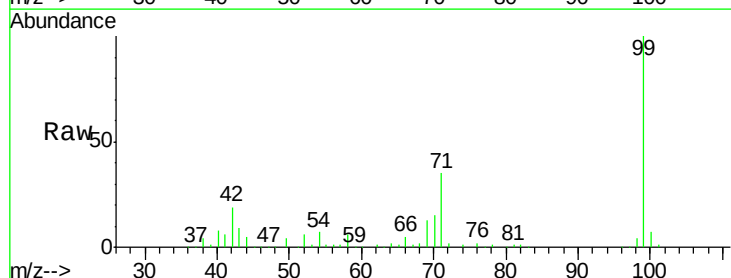
Tgt Ion: 99 Resp: 440496

Ion Ratio Lower Upper

99 100

42 19.2 14.8 22.2

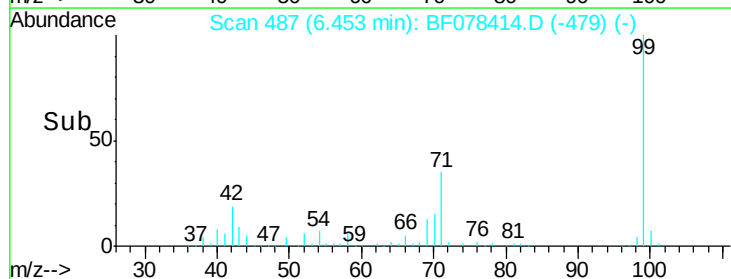
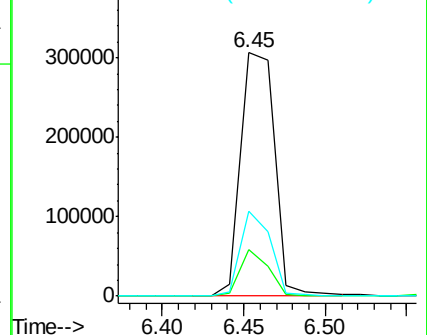
71 35.1 26.6 39.8

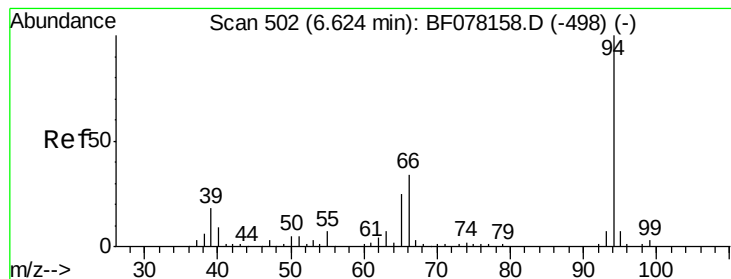


Abundance Ion 99.00 (98.70 to 99.70): BF078158.D (-497) (-)

Ion 42.00 (41.70 to 42.70): BF078158.D (-497) (-)

Ion 71.00 (70.70 to 71.70): BF078158.D (-497) (-)





#10

Phenol

Concen: 4.12 ng

RT: 6.48 min Scan# 489

Delta R.T. -0.00 min

Lab File: BF078414.D

Acq: 10 Apr 2015 22:17

Instrument :

BNA_F

ClientSampleId :

PE-1R(7.5-8)

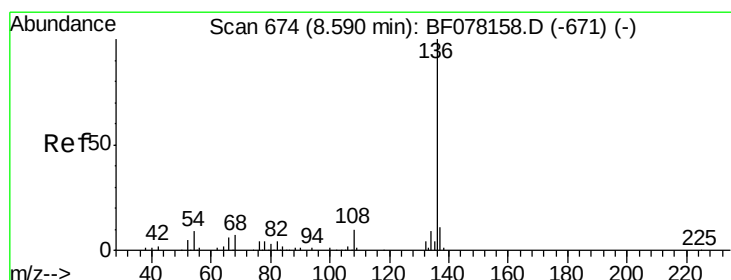
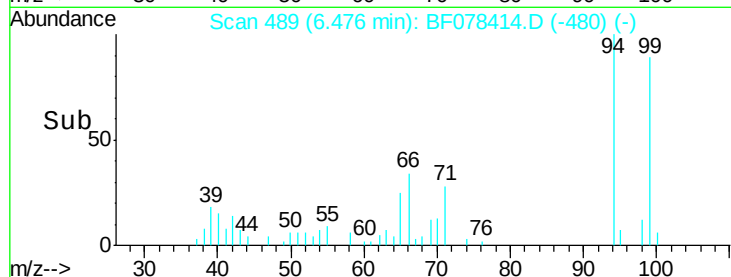
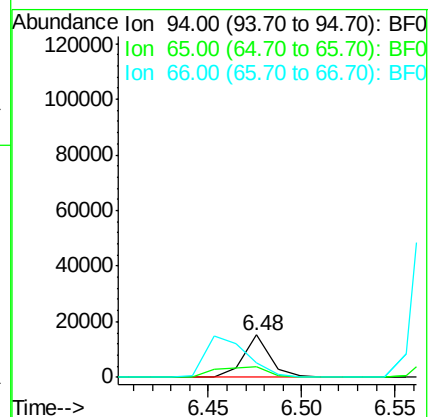
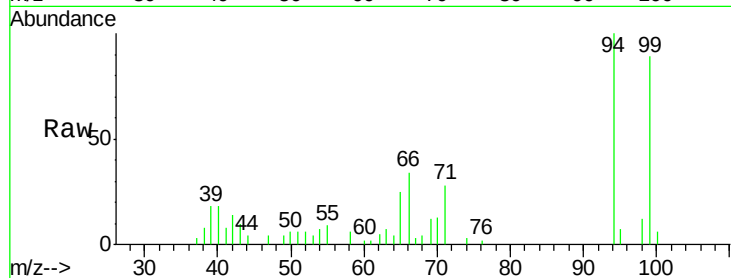
Tgt Ion: 94 Resp: 15664

Ion Ratio Lower Upper

94 100

65 24.9 4.9 44.9

66 34.4 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: BF078414.D

Acq: 10 Apr 2015 22:17

Tgt Ion: 136 Resp: 167113

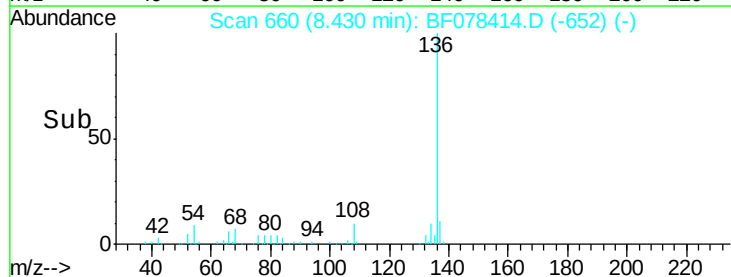
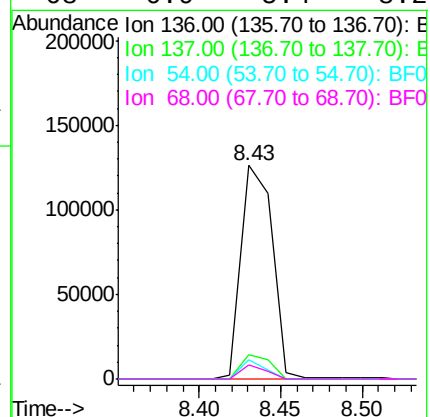
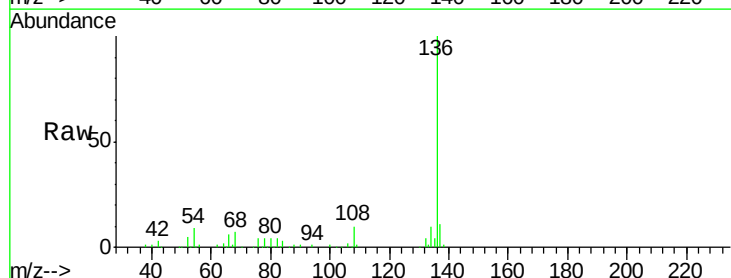
Ion Ratio Lower Upper

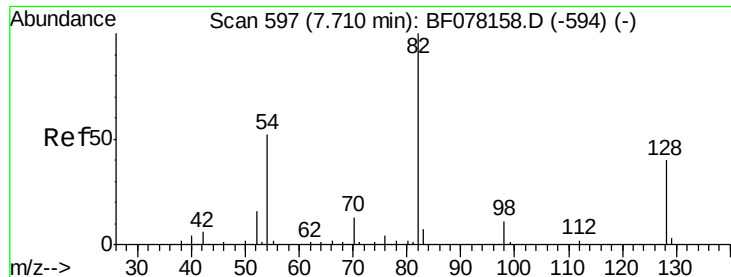
136 100

137 11.5 9.0 13.4

54 9.2 7.0 10.6

68 6.9 5.4 8.2

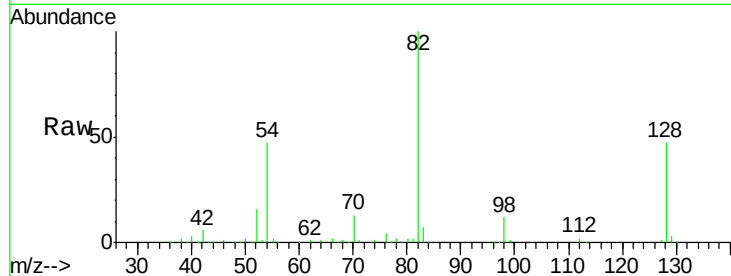




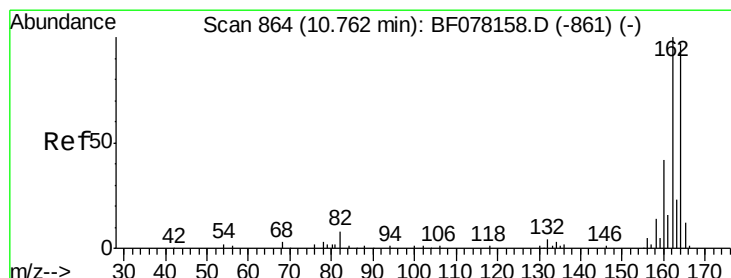
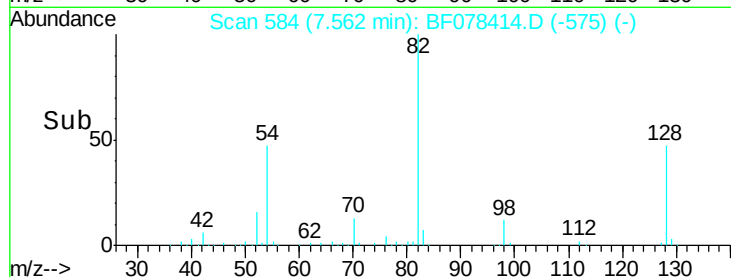
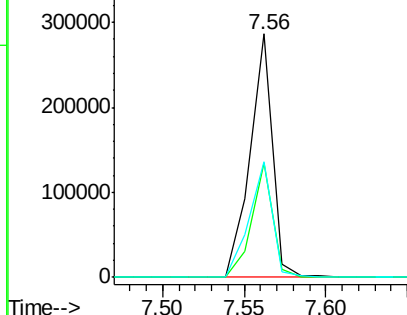
#23
 Nitrobenzene-d5
 Concen: 99.53 ng
 RT: 7.56 min Scan# 584
 Delta R.T. -0.00 min
 Lab File: BF078414.D
 Acq: 10 Apr 2015 22:17

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

Tgt Ion: 82 Resp: 274419
 Ion Ratio Lower Upper
 82 100
 128 47.1 31.8 47.8
 54 47.4 41.5 62.3

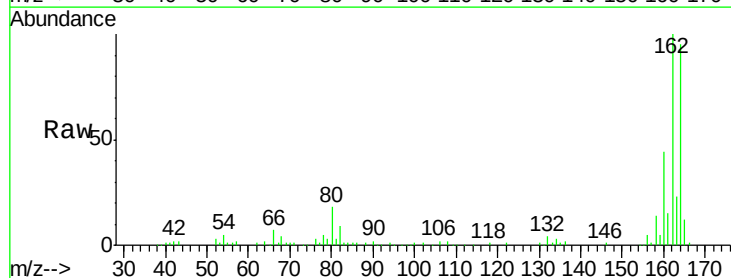


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

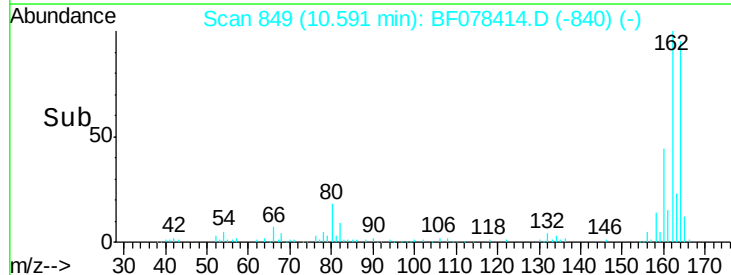
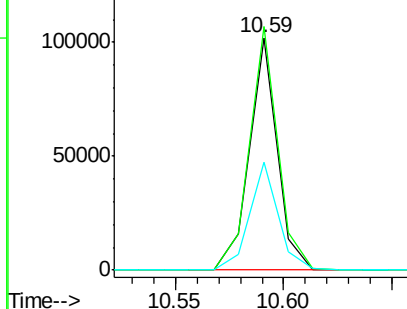


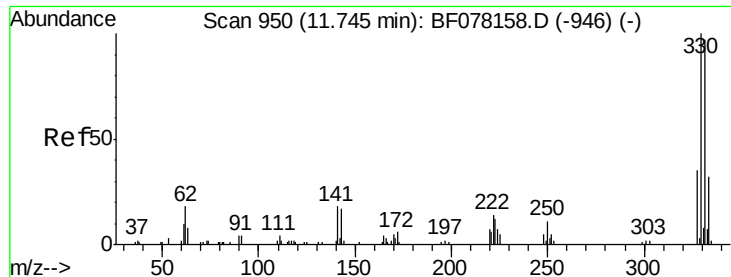
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.59 min Scan# 849
 Delta R.T. -0.00 min
 Lab File: BF078414.D
 Acq: 10 Apr 2015 22:17

Tgt Ion: 164 Resp: 90297
 Ion Ratio Lower Upper
 164 100
 162 104.9 82.2 123.2
 160 46.2 34.7 52.1



Abundance Ion 164.00 (163.70 to 164.70): B
 Ion 162.00 (161.70 to 162.70): B
 Ion 160.00 (159.70 to 160.70): B

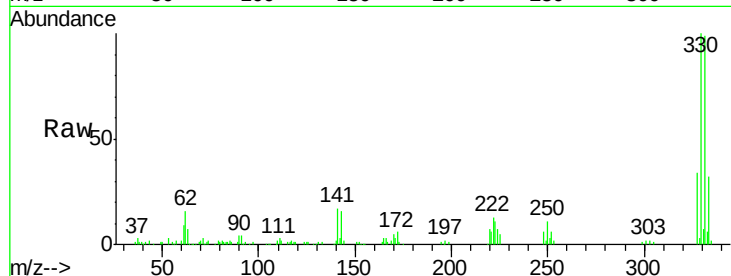




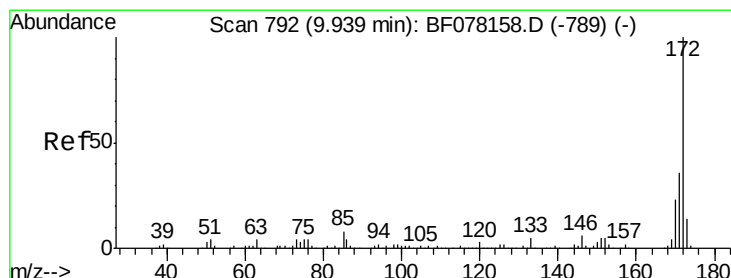
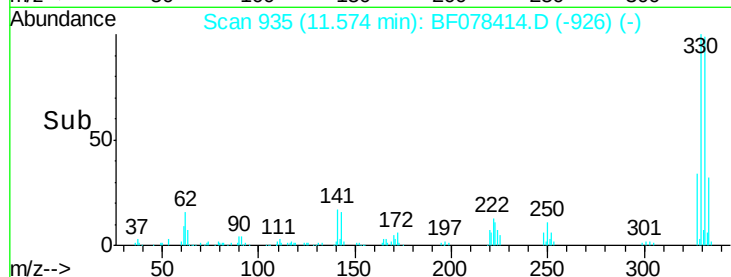
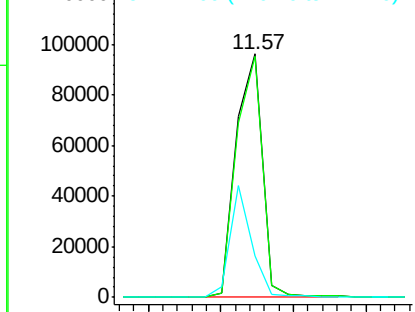
#41
 2,4,6-Tribromophenol
 Concen: 162.46 ng
 RT: 11.57 min Scan# 935
 Delta R.T. -0.00 min
 Lab File: BF078414.D
 Acq: 10 Apr 2015 22:17

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

Tgt Ion:330 Resp: 121662
 Ion Ratio Lower Upper
 330 100
 332 98.2 78.6 117.8
 141 37.8 31.2 46.8

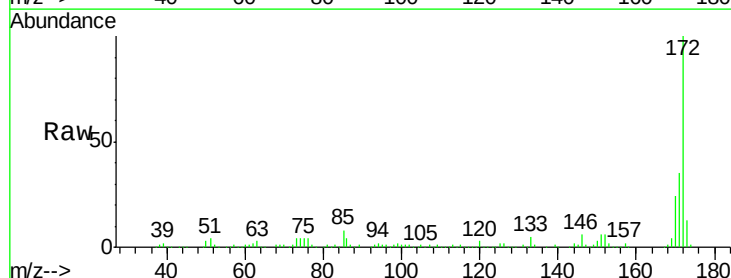


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

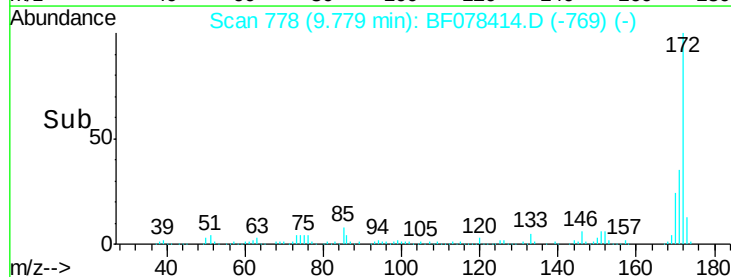
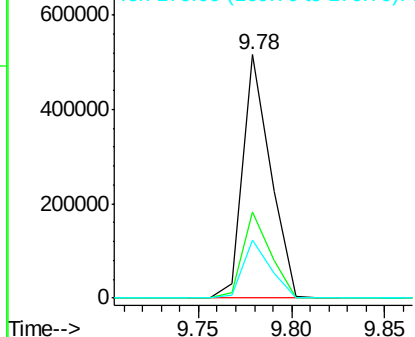


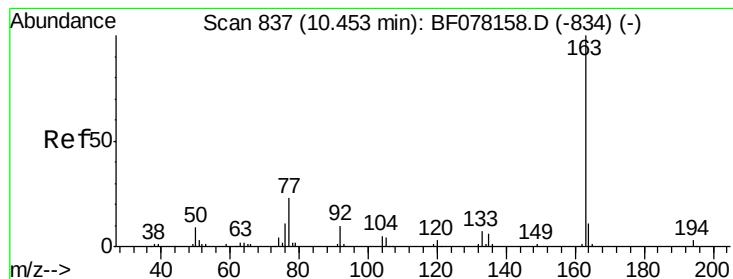
#44
 2-Fluorobiphenyl
 Concen: 84.52 ng
 RT: 9.78 min Scan# 778
 Delta R.T. -0.00 min
 Lab File: BF078414.D
 Acq: 10 Apr 2015 22:17

Tgt Ion:172 Resp: 533903
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.6 42.8
 170 23.6 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: 4.30 ng

RT: 10.29 min Scan# 823

Delta R.T. -0.01 min

Lab File: BF078414.D

Acq: 10 Apr 2015 22:17

Instrument :

BNA_F

ClientSampleId :

PE-1R(7.5-8)

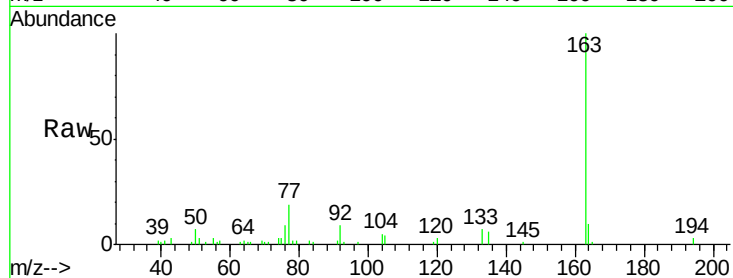
Tgt Ion:163 Resp: 29148

Ion Ratio Lower Upper

163 100

194 3.5 2.3 3.5

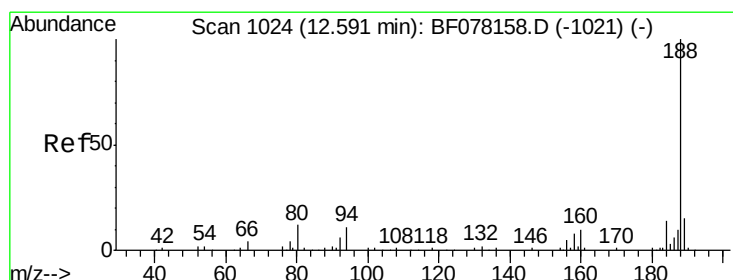
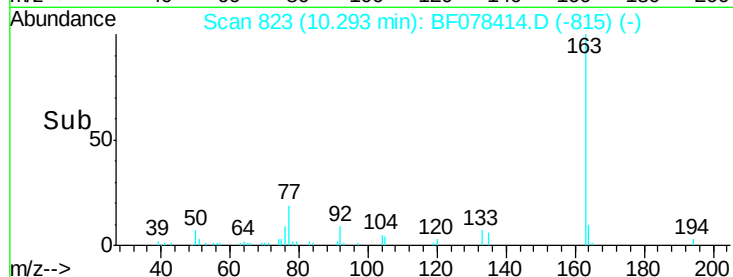
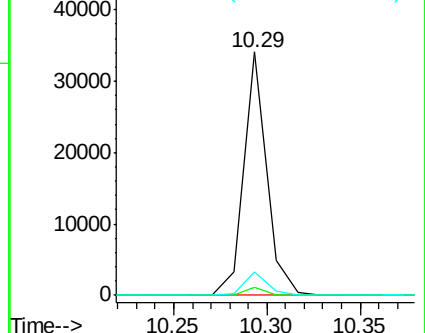
164 9.8 8.6 13.0



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.42 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BF078414.D

Acq: 10 Apr 2015 22:17

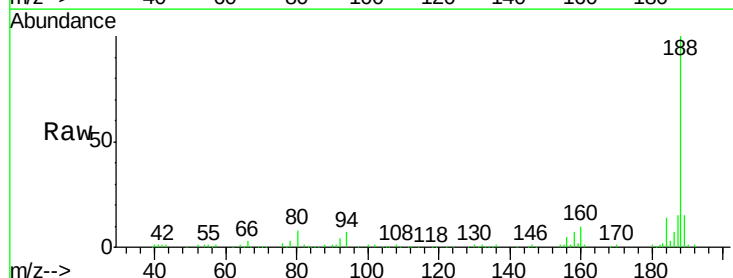
Tgt Ion:188 Resp: 185570

Ion Ratio Lower Upper

188 100

94 7.5 9.0 13.4#

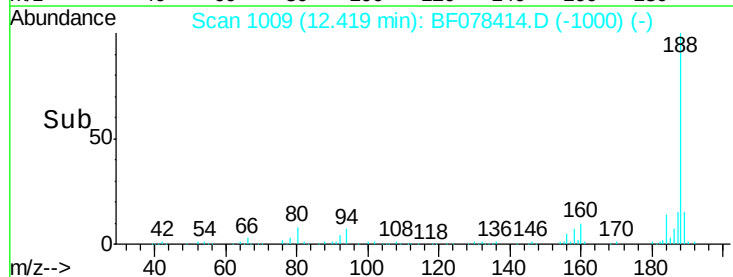
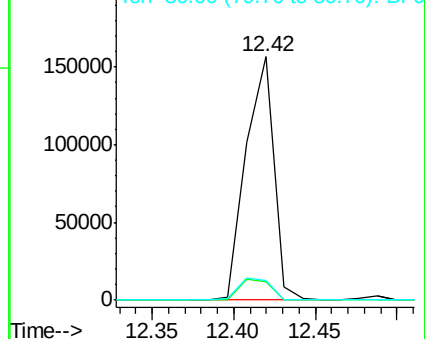
80 7.8 9.5 14.3#

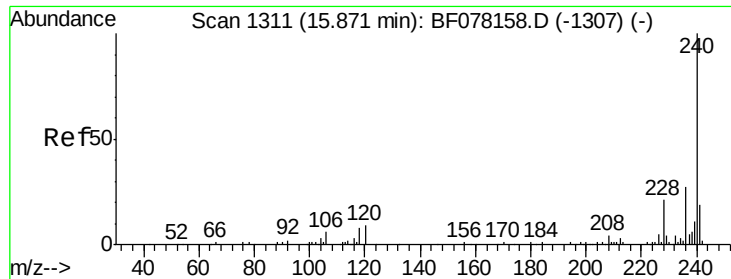


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

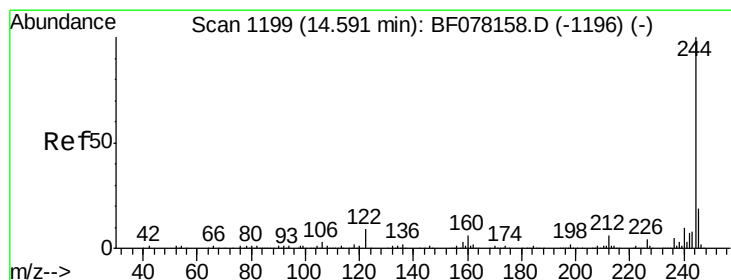
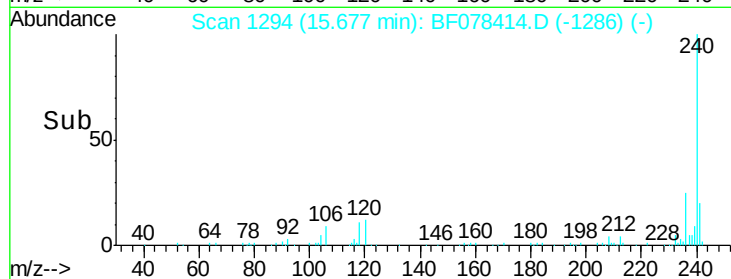
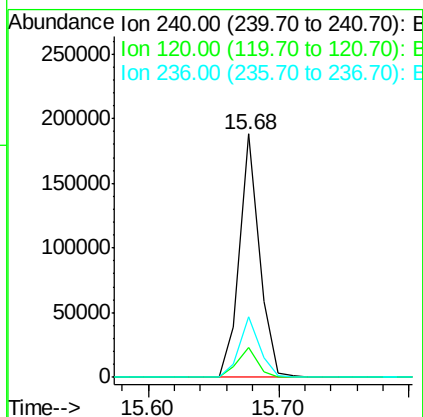
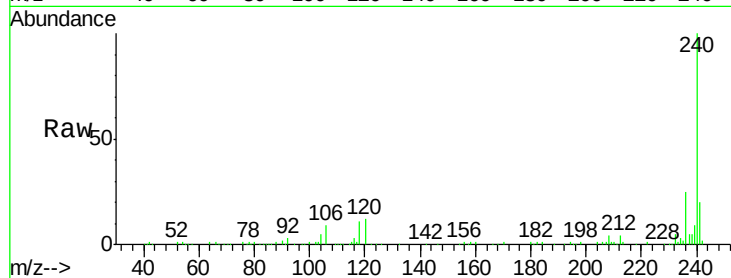




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.68 min Scan# 1294
 Delta R.T. -0.01 min
 Lab File: BF078414.D
 Acq: 10 Apr 2015 22:17

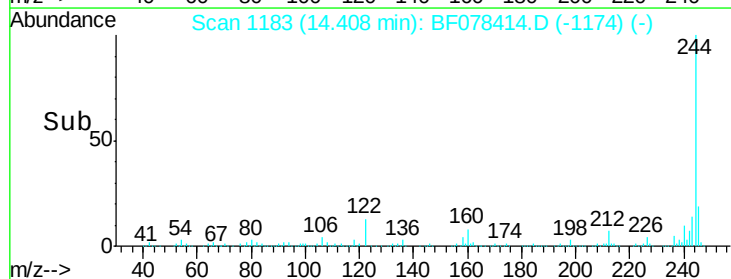
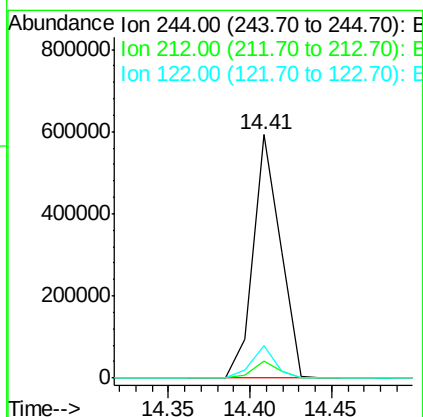
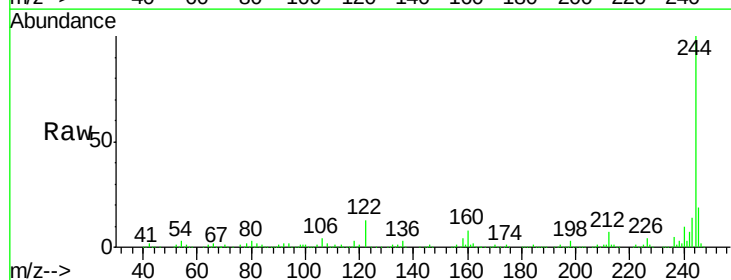
Instrument :
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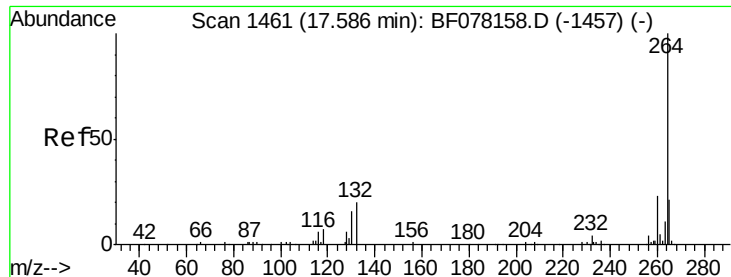
Tgt Ion: 240 Resp: 200933
 Ion Ratio Lower Upper
 240 100
 120 12.4 7.1 10.7#
 236 24.7 21.4 32.2



#78
 Terphenyl-d14
 Concen: 77.31 ng
 RT: 14.41 min Scan# 1183
 Delta R.T. -0.00 min
 Lab File: BF078414.D
 Acq: 10 Apr 2015 22:17

Tgt Ion: 244 Resp: 687490
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.0 7.4
 122 13.4 7.1 10.7#





#86
Perylene-d12
Concen: 20.00 ng
RT: 17.40 min Scan# 1445
Delta R.T. -0.05 min
Lab File: BF078414.D
Acq: 10 Apr 2015 22:17

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

Tgt Ion: 264 Resp: 200568
Ion Ratio Lower Upper
264 100
260 23.1 18.6 27.8
265 21.0 17.0 25.6

