

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041015\
 Data File : BF078412.D
 Acq On : 10 Apr 2015 21:20
 Operator : TP/IZ
 Sample : G1791-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LS-SD09B

Quant Time: Apr 11 00:53:15 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

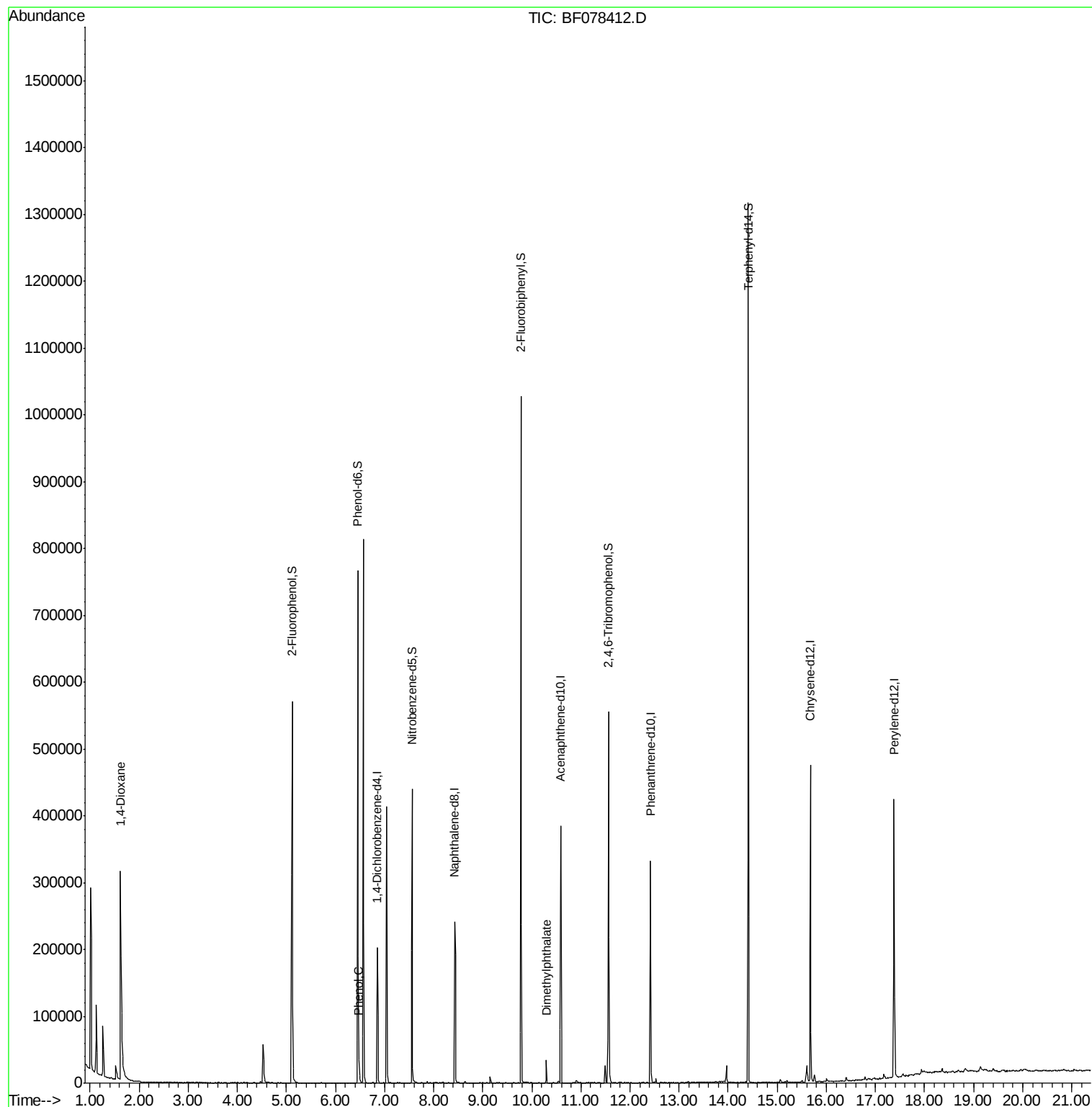
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	37526	20.00	ng	-0.01
21) Naphthalene-d8	8.43	136	157488	20.00	ng	-0.01
38) Acenaphthene-d10	10.59	164	81100	20.00	ng	0.00
63) Phenanthrene-d10	12.42	188	170617	20.00	ng	0.00
75) Chrysene-d12	15.68	240	193372	20.00	ng	-0.01
86) Perylene-d12	17.38	264	190307	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	216165	94.98	ng	0.00
7) Phenol-d6	6.45	99	267658	93.84	ng	-0.01
23) Nitrobenzene-d5	7.56	82	161837	62.29	ng	0.00
41) 2,4,6-Tribromophenol	11.56	330	72442	107.70	ng	-0.01
44) 2-Fluorobiphenyl	9.78	172	331517	58.43	ng	0.00
78) Terphenyl-d14	14.41	244	470346	54.96	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.62	88	13127	12.75	ng	Qvalue # 23
10) Phenol	6.48	94	7618	2.23	ng	95
49) Dimethylphthalate	10.29	163	14945	2.45	ng	99

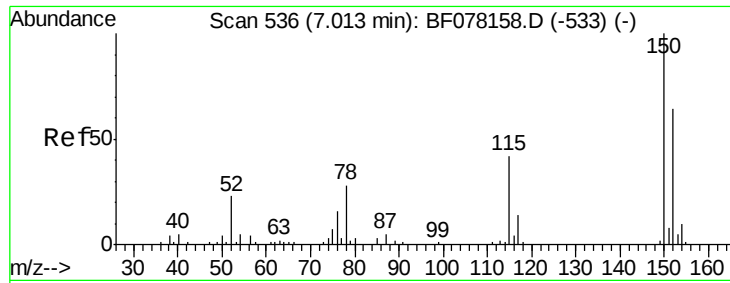
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF078412.D

Acq: 10 Apr 2015 21:20

Instrument :

BNA_F

ClientSampleId :

LS-SD09B

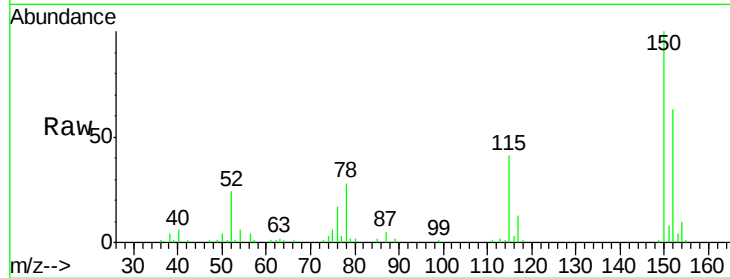
Tgt Ion:152 Resp: 37526

Ion Ratio Lower Upper

152 100

150 158.4 125.9 188.9

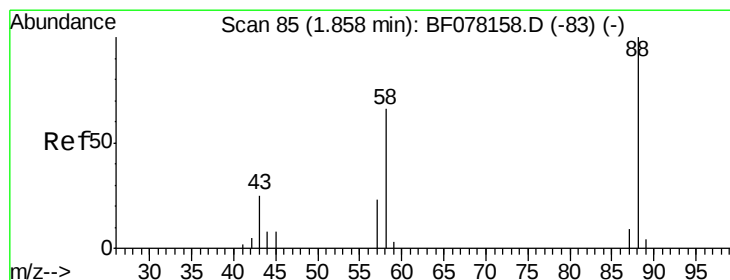
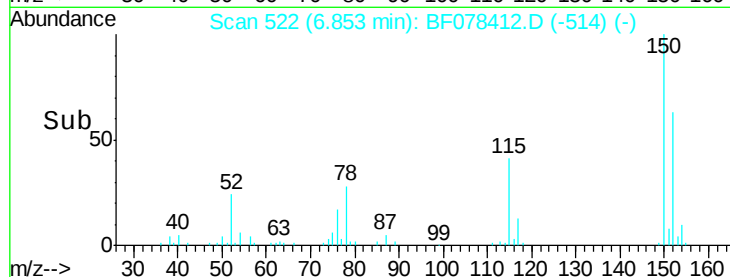
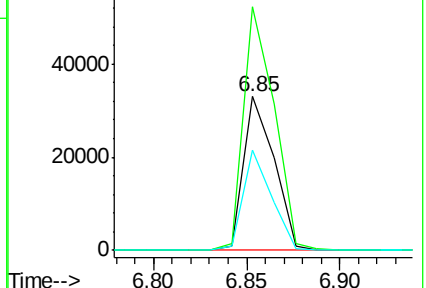
115 65.2 52.7 79.1



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: 12.75 ng

RT: 1.62 min Scan# 64

Delta R.T. -0.02 min

Lab File: BF078412.D

Acq: 10 Apr 2015 21:20

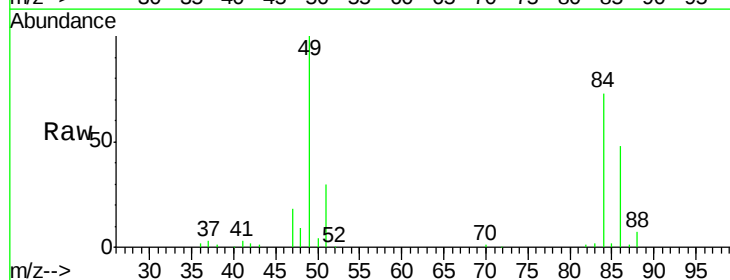
Tgt Ion: 88 Resp: 13127

Ion Ratio Lower Upper

88 100

58 0.0 56.9 85.3#

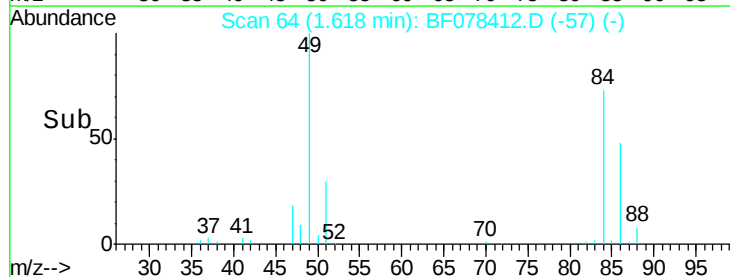
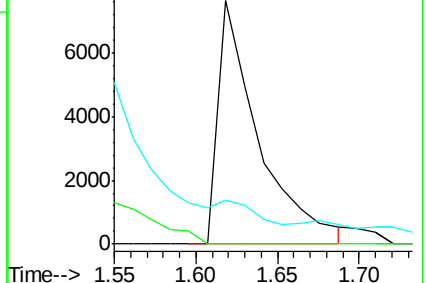
43 0.0 21.4 32.2#

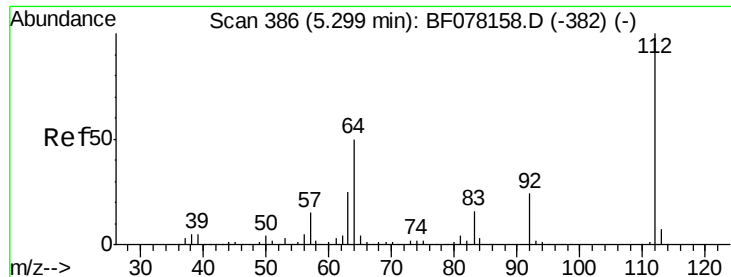


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 94.98 ng

RT: 5.12 min Scan# 370

Delta R.T. 0.00 min

Lab File: BF078412.D

Acq: 10 Apr 2015 21:20

Instrument :

BNA_F

ClientSampleId :

LS-SD09B

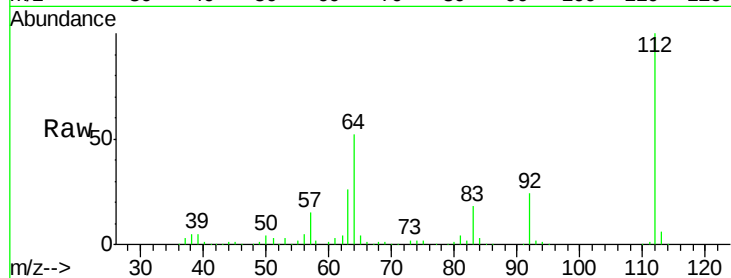
Tgt Ion: 112 Resp: 216165

Ion Ratio Lower Upper

112 100

64 51.9 39.9 59.9

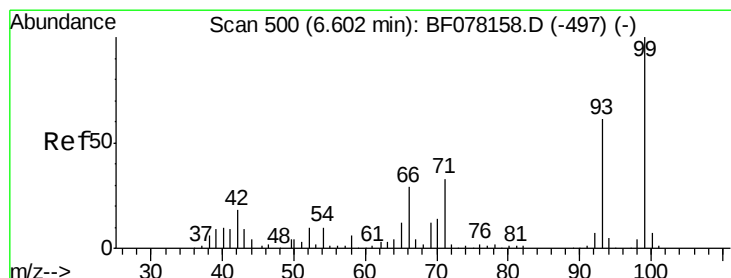
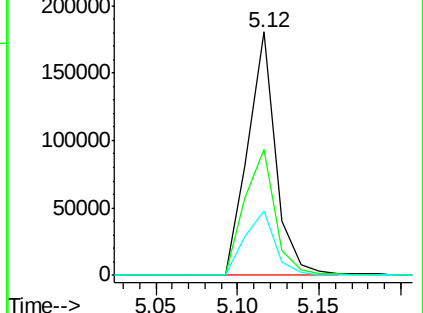
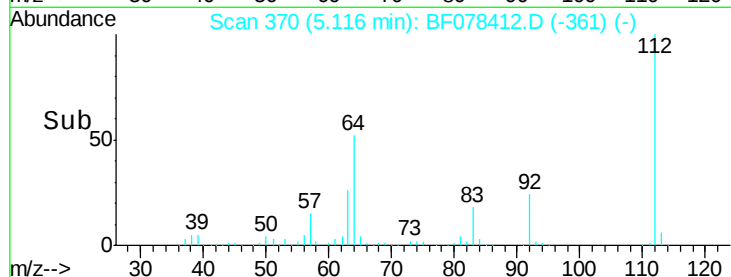
63 26.2 20.2 30.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 93.84 ng

RT: 6.45 min Scan# 487

Delta R.T. -0.01 min

Lab File: BF078412.D

Acq: 10 Apr 2015 21:20

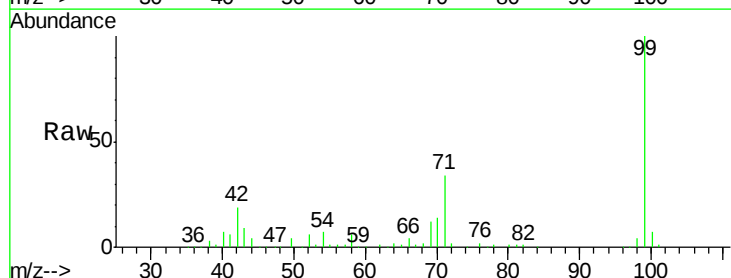
Tgt Ion: 99 Resp: 267658

Ion Ratio Lower Upper

99 100

42 18.7 14.8 22.2

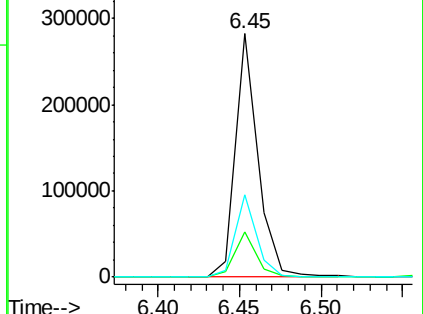
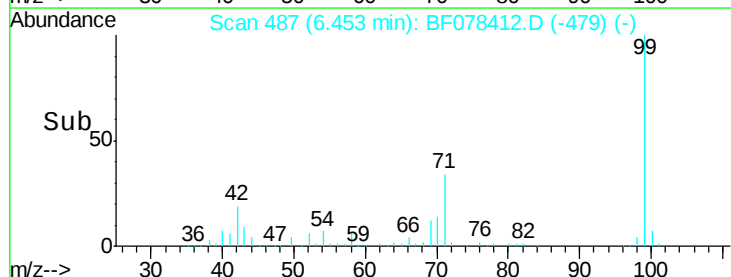
71 33.7 26.6 39.8

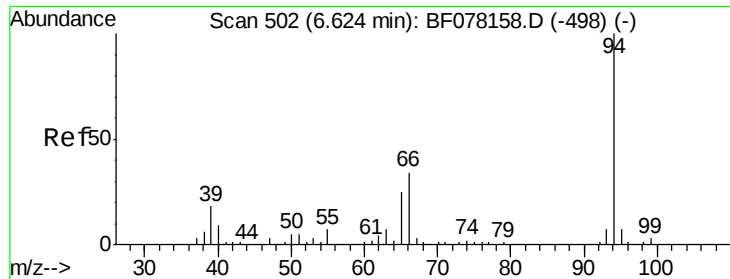


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#10

Phenol

Concen: 2.23 ng

RT: 6.48 min Scan# 489

Delta R.T. 0.00 min

Lab File: BF078412.D

Acq: 10 Apr 2015 21:20

Instrument :

BNA_F

ClientSampleId :

LS-SD09B

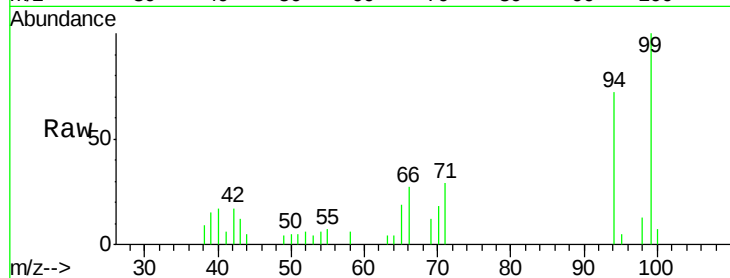
Tgt Ion: 94 Resp: 7618

Ion Ratio Lower Upper

94 100

65 26.9 4.9 44.9

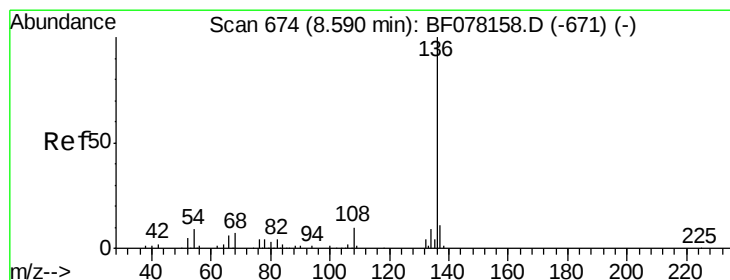
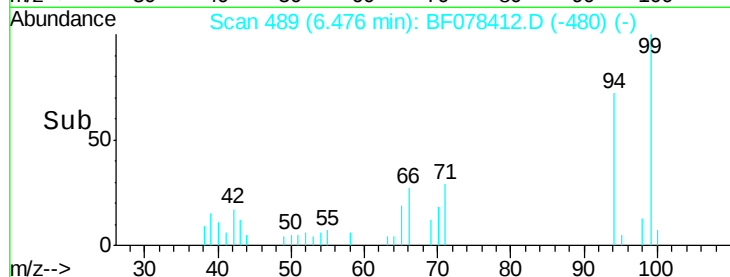
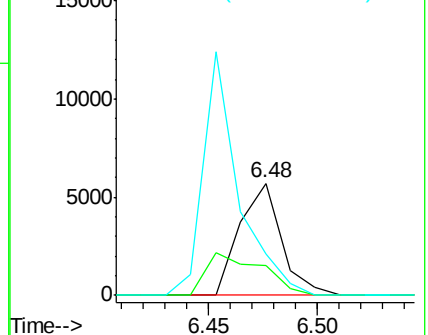
66 37.3 13.8 53.8



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.43 min Scan# 660

Delta R.T. -0.01 min

Lab File: BF078412.D

Acq: 10 Apr 2015 21:20

Tgt Ion: 136 Resp: 157488

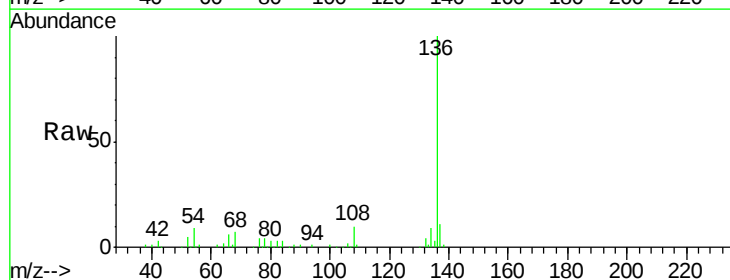
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 8.6 7.0 10.6

68 6.9 5.4 8.2

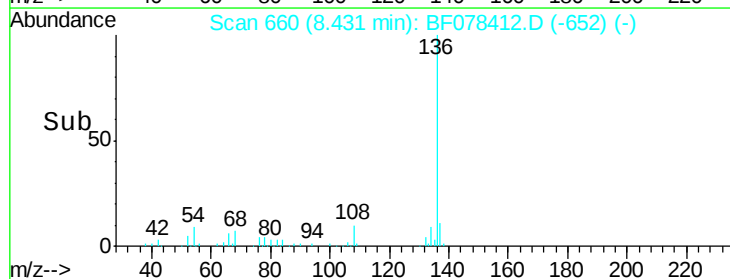
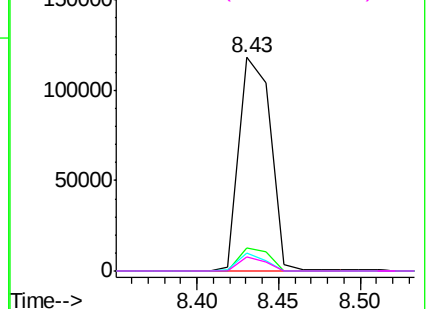


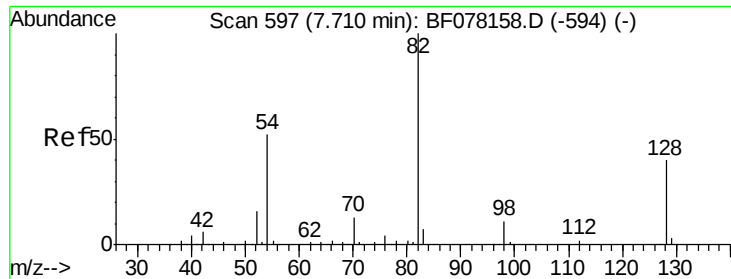
Abundance Ion 136.00 (135.70 to 136.70): E

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

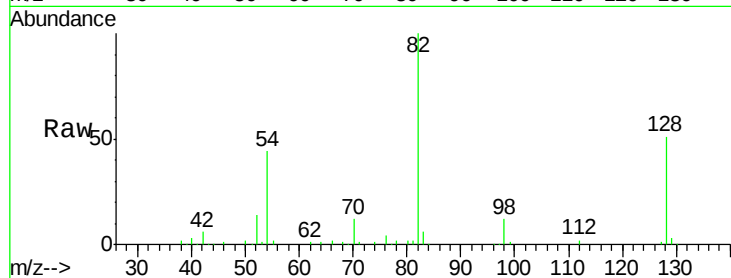




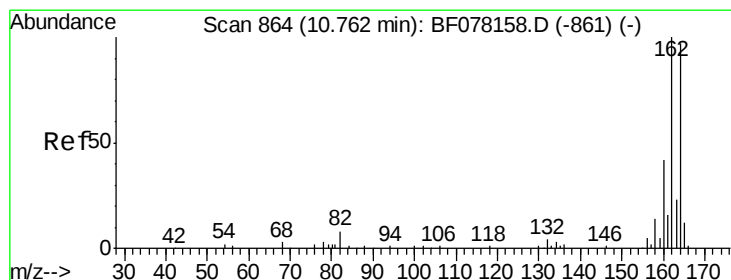
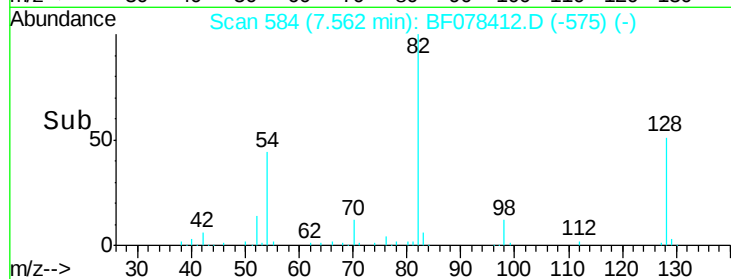
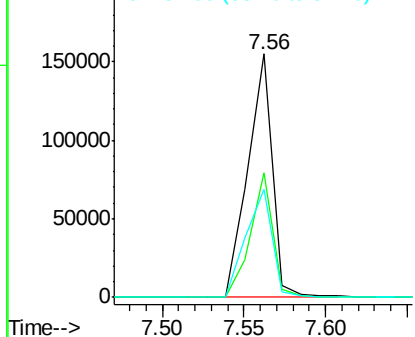
#23
 Nitrobenzene-d5
 Concen: 62.29 ng
 RT: 7.56 min Scan# 584
 Delta R.T. 0.00 min
 Lab File: BF078412.D
 Acq: 10 Apr 2015 21:20

Instrument :
 BNA_F
 ClientSampleId :
 LS-SD09B

Tgt Ion: 82 Resp: 161837
 Ion Ratio Lower Upper
 82 100
 128 51.1 31.8 47.8#
 54 44.4 41.5 62.3

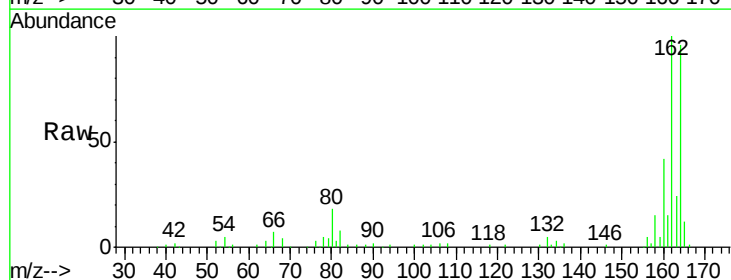


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

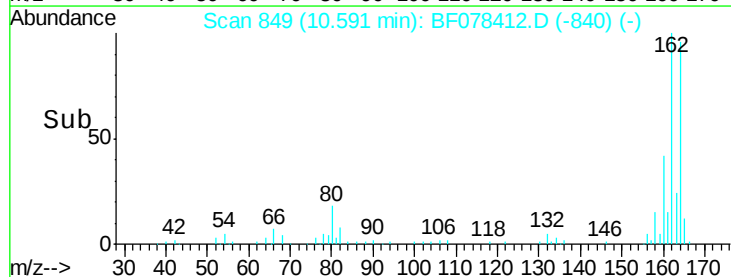
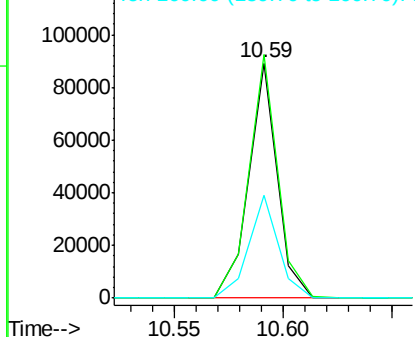


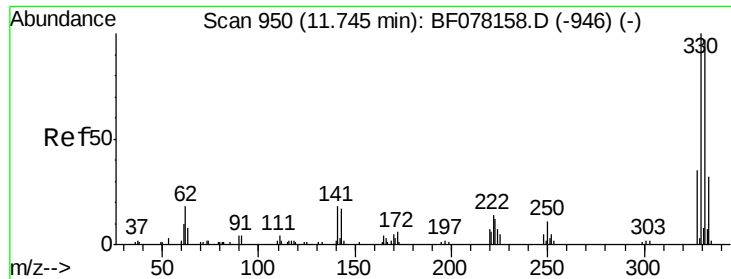
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.59 min Scan# 849
 Delta R.T. 0.00 min
 Lab File: BF078412.D
 Acq: 10 Apr 2015 21:20

Tgt Ion: 164 Resp: 81100
 Ion Ratio Lower Upper
 164 100
 162 103.8 82.2 123.2
 160 44.0 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

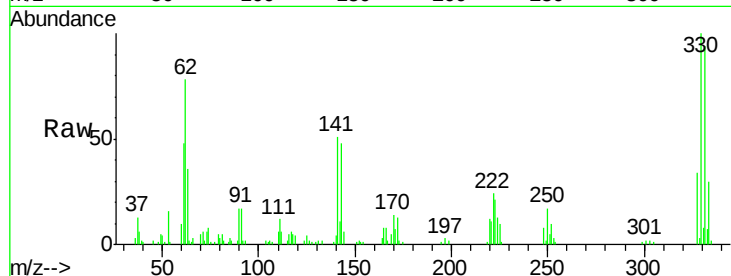




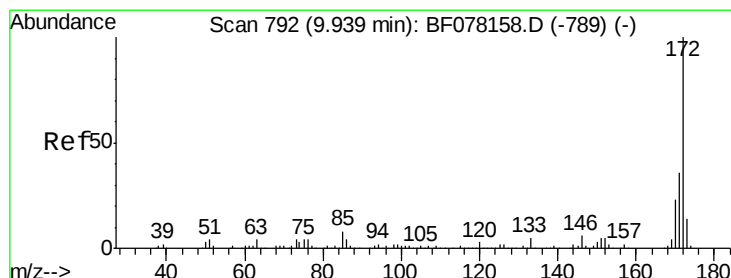
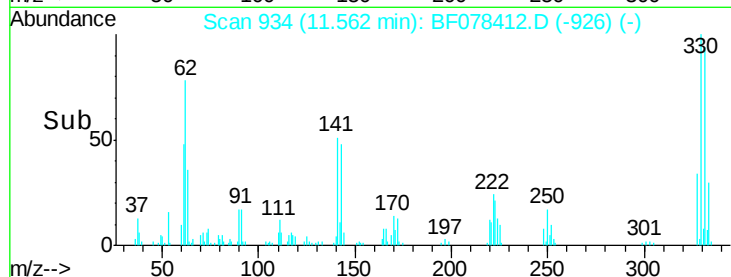
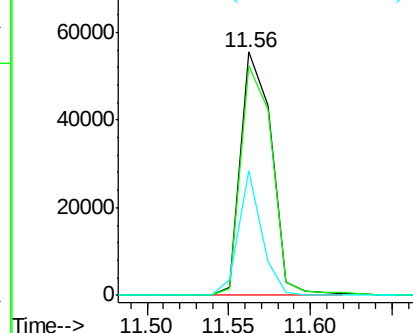
#41
 2,4,6-Tribromophenol
 Concen: 107.70 ng
 RT: 11.56 min Scan# 934
 Delta R.T. -0.01 min
 Lab File: BF078412.D
 Acq: 10 Apr 2015 21:20

Instrument :
 BNA_F
 ClientSampleId :
 LS-SD09B

Tgt Ion:330 Resp: 72442
 Ion Ratio Lower Upper
 330 100
 332 96.3 78.6 117.8
 141 38.5 31.2 46.8

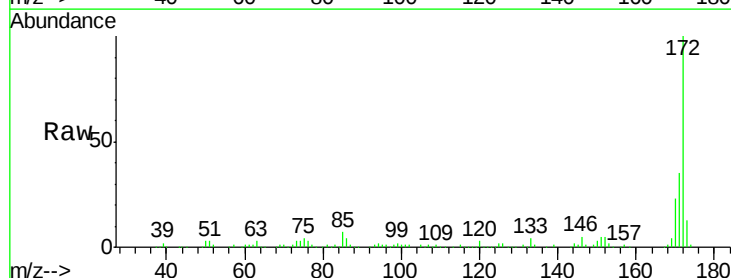


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

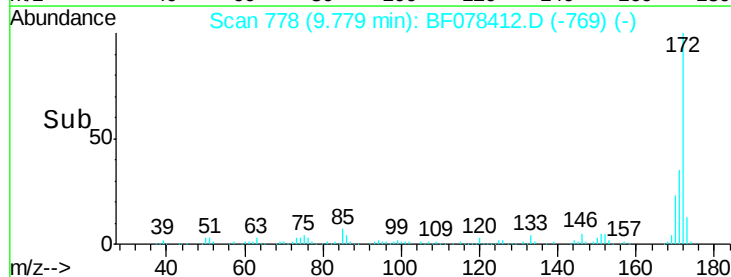
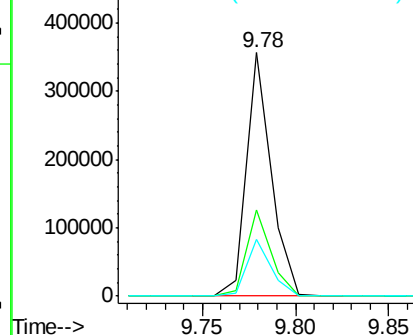


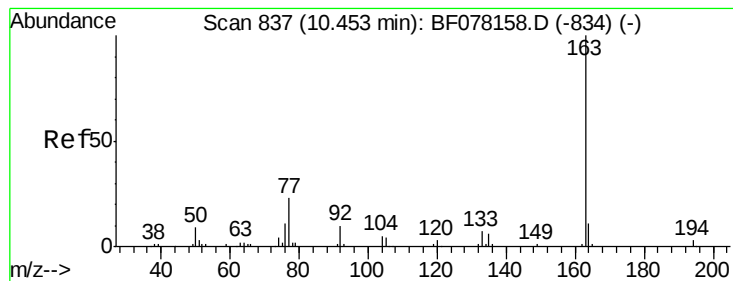
#44
 2-Fluorobiphenyl
 Concen: 58.43 ng
 RT: 9.78 min Scan# 778
 Delta R.T. 0.00 min
 Lab File: BF078412.D
 Acq: 10 Apr 2015 21:20

Tgt Ion:172 Resp: 331517
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.6 42.8
 170 23.1 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: 2.45 ng

RT: 10.29 min Scan# 823

Delta R.T. -0.01 min

Lab File: BF078412.D

Acq: 10 Apr 2015 21:20

Instrument :

BNA_F

ClientSampleId :

LS-SD09B

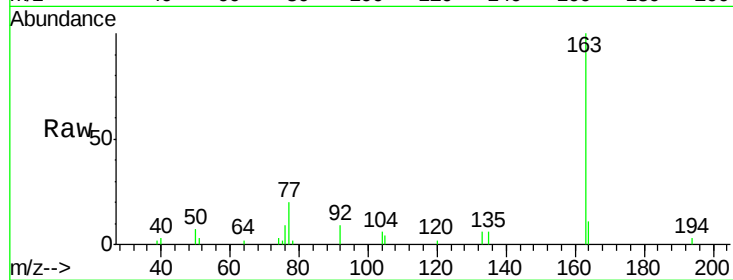
Tgt Ion:163 Resp: 14945

Ion Ratio Lower Upper

163 100

194 3.2 2.3 3.5

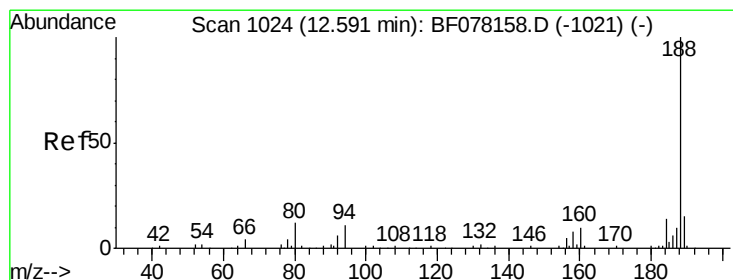
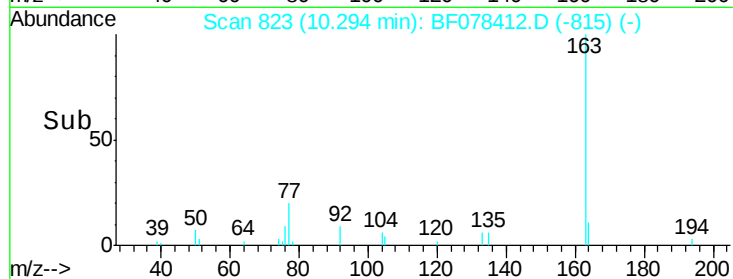
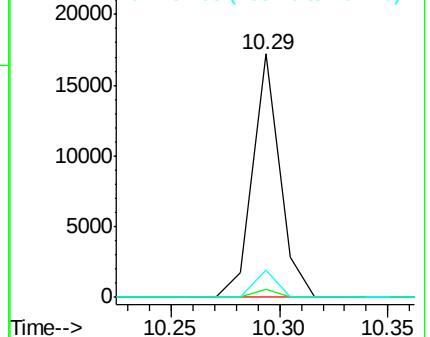
164 11.2 8.6 13.0



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: BF078412.D

Acq: 10 Apr 2015 21:20

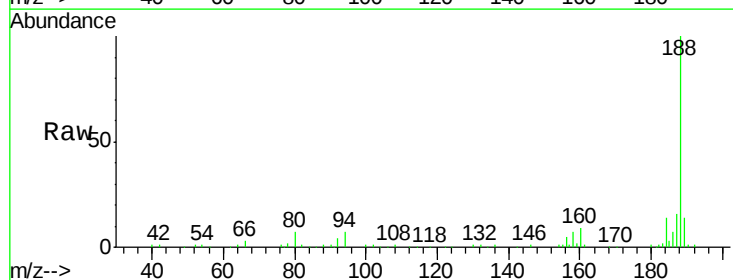
Tgt Ion:188 Resp: 170617

Ion Ratio Lower Upper

188 100

94 6.8 9.0 13.4#

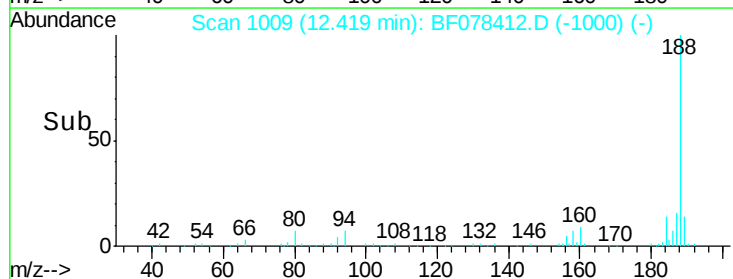
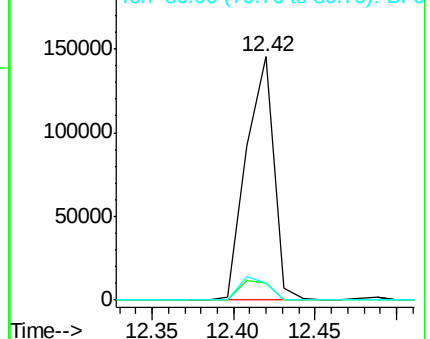
80 7.1 9.5 14.3#

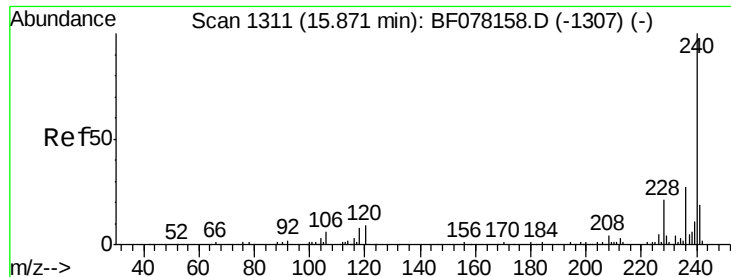


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

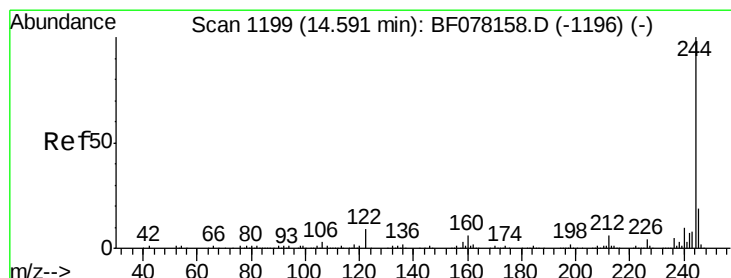
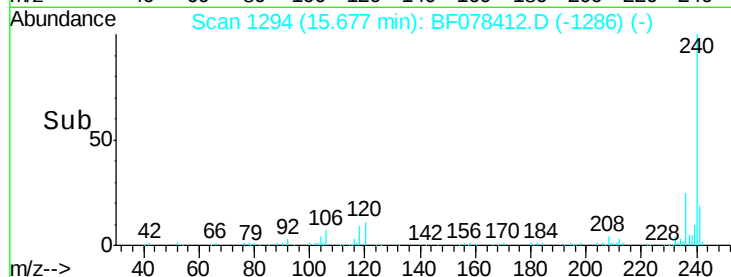
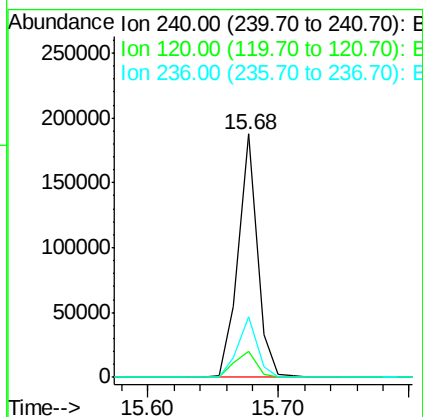
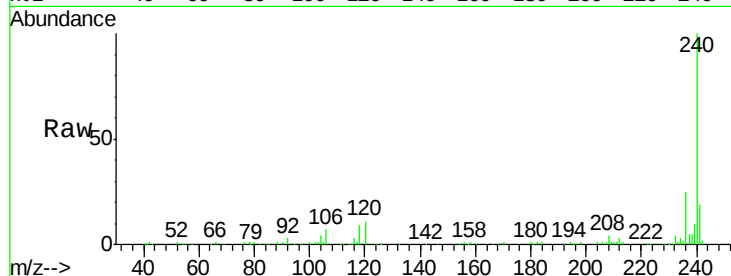




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.68 min Scan# 1294
 Delta R.T. -0.01 min
 Lab File: BF078412.D
 Acq: 10 Apr 2015 21:20

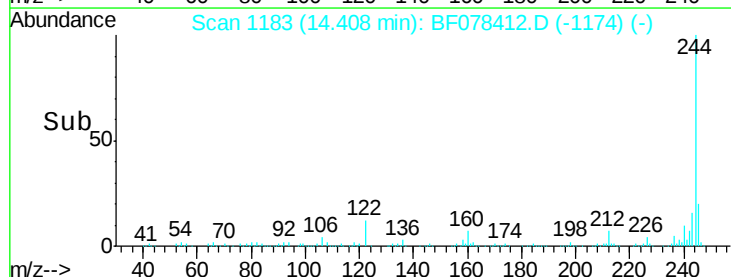
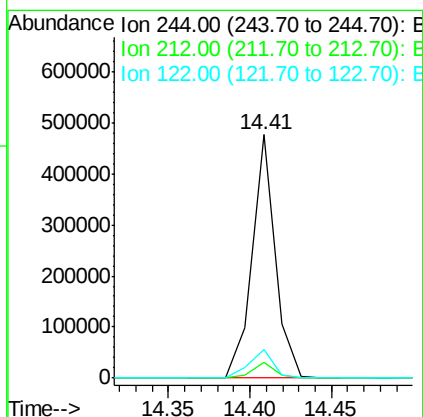
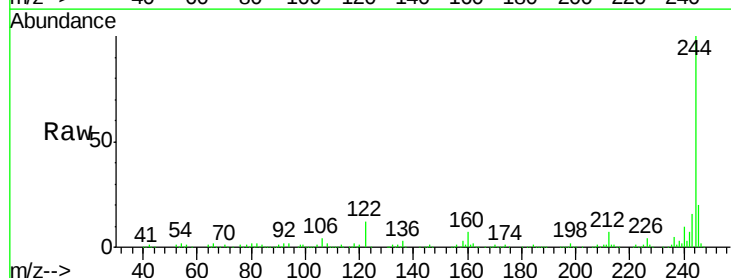
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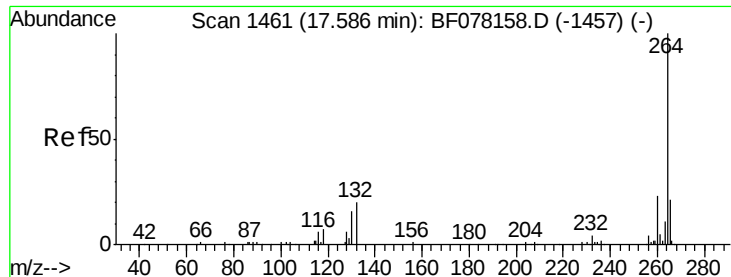
Tgt Ion:240 Resp: 193372
 Ion Ratio Lower Upper
 240 100
 120 10.6 7.1 10.7
 236 25.1 21.4 32.2



#78
 Terphenyl-d14
 Concen: 54.96 ng
 RT: 14.41 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BF078412.D
 Acq: 10 Apr 2015 21:20

Tgt Ion:244 Resp: 470346
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.0 7.4
 122 11.9 7.1 10.7#

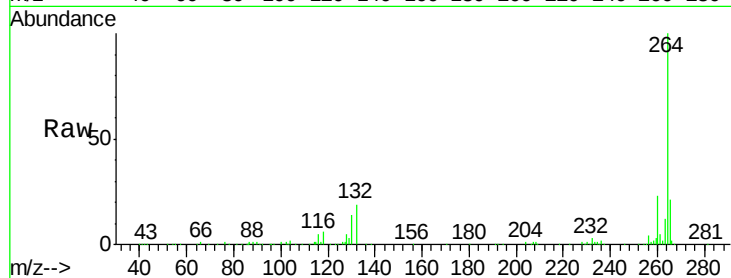




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.38 min Scan# 1443
Delta R.T. -0.07 min
Lab File: BF078412.D
Acq: 10 Apr 2015 21:20

Instrument :
BNA_F
ClientSampleId :
LS-SD09B

Tgt Ion: 264 Resp: 190307
Ion Ratio Lower Upper
264 100
260 23.0 18.6 27.8
265 21.4 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

