

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041015\
 Data File : BF078411.D
 Acq On : 10 Apr 2015 20:51
 Operator : TP/IZ
 Sample : G1791-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LS-SD09A

Quant Time: Apr 11 00:52:51 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

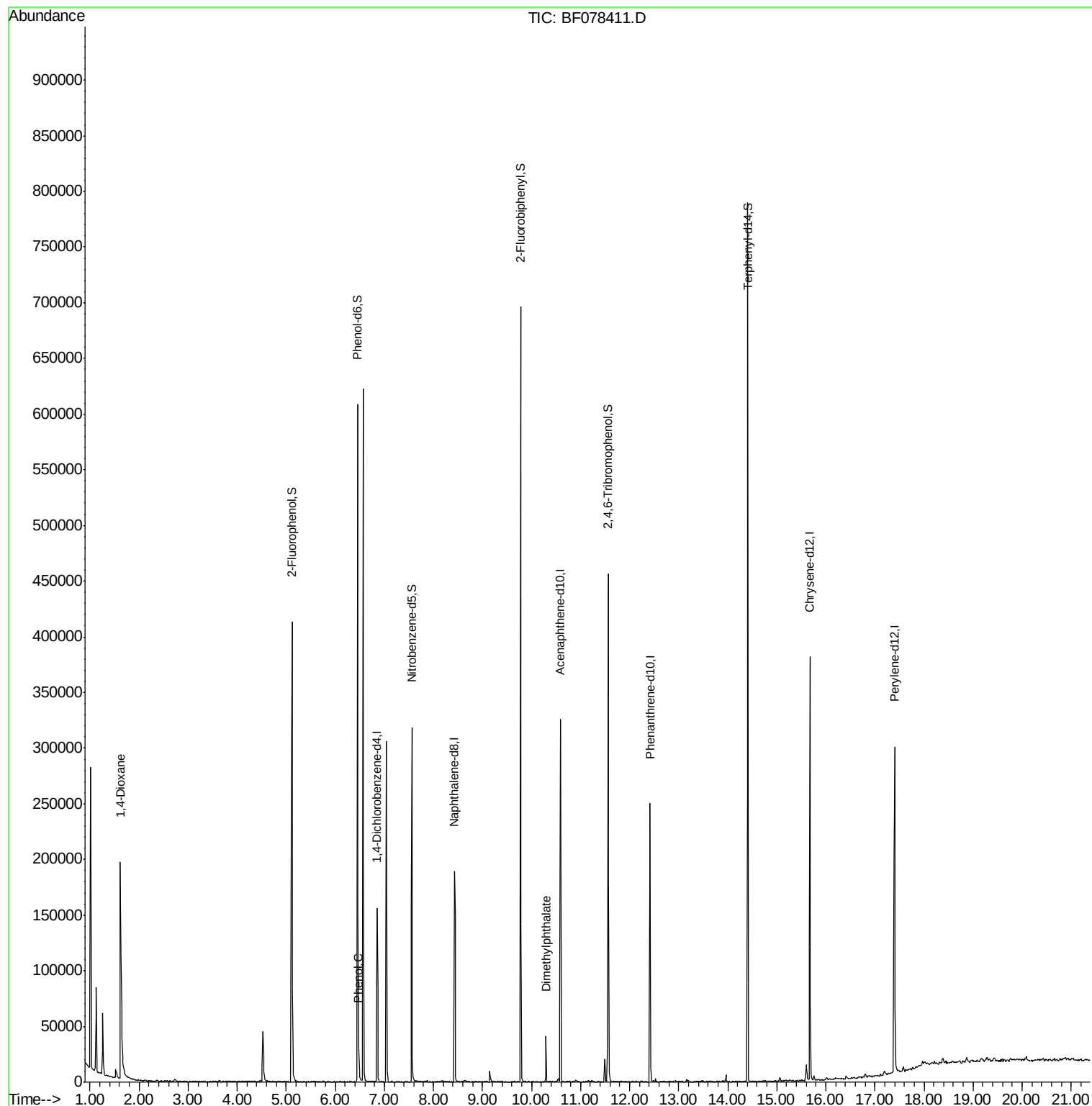
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	30652	20.00	ng	-0.01
21) Naphthalene-d8	8.43	136	123548	20.00	ng	-0.01
38) Acenaphthene-d10	10.59	164	67822	20.00	ng	0.00
63) Phenanthrene-d10	12.42	188	132665	20.00	ng	0.00
75) Chrysene-d12	15.68	240	154207	20.00	ng	-0.01
86) Perylene-d12	17.40	264	150334	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	169570	91.21	ng	0.00
7) Phenol-d6	6.45	99	216528	92.94	ng	-0.01
23) Nitrobenzene-d5	7.56	82	122932	60.31	ng	0.00
41) 2,4,6-Tribromophenol	11.56	330	57353	101.96	ng	-0.01
44) 2-Fluorobiphenyl	9.78	172	220580	46.49	ng	0.00
78) Terphenyl-d14	14.41	244	285443	41.83	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.62	88	8580	10.21	ng	Qvalue # 23
10) Phenol	6.48	94	6413	2.30	ng	93
49) Dimethylphthalate	10.29	163	18018	3.54	ng	100

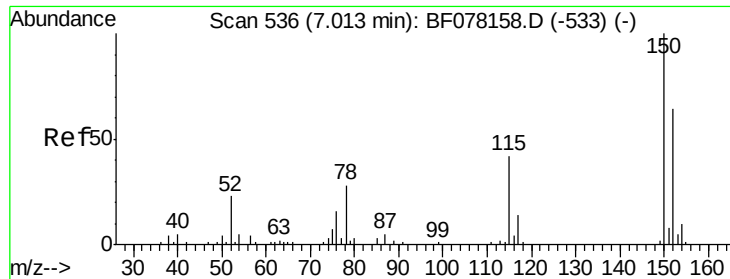
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF078411.D

Acq: 10 Apr 2015 20:51

Instrument :

BNA_F

ClientSampleId :

LS-SD09A

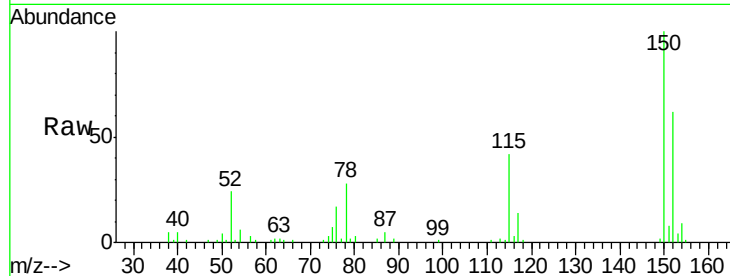
Tgt Ion:152 Resp: 30652

Ion Ratio Lower Upper

152 100

150 161.0 125.9 188.9

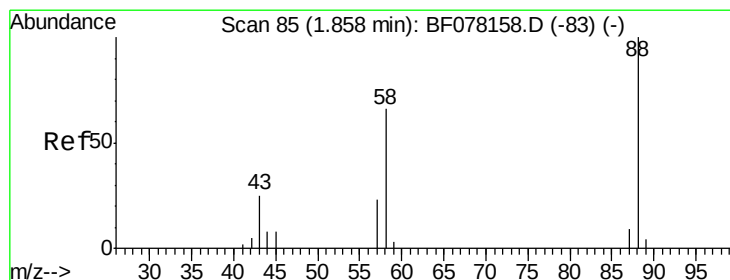
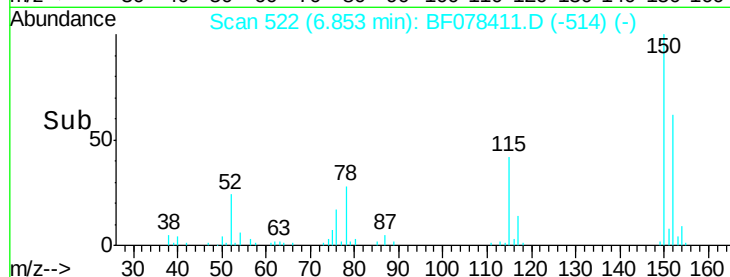
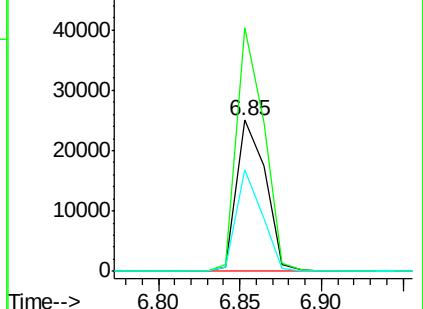
115 67.6 52.7 79.1



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: 10.21 ng

RT: 1.62 min Scan# 64

Delta R.T. -0.02 min

Lab File: BF078411.D

Acq: 10 Apr 2015 20:51

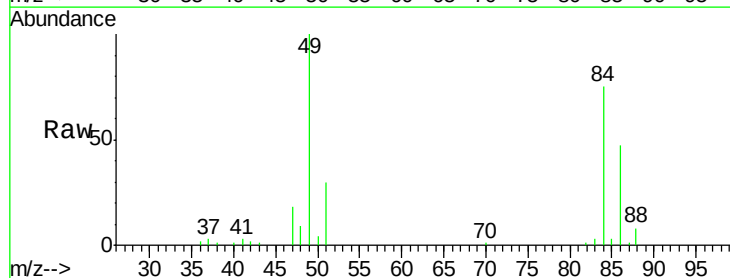
Tgt Ion: 88 Resp: 8580

Ion Ratio Lower Upper

88 100

58 0.0 56.9 85.3#

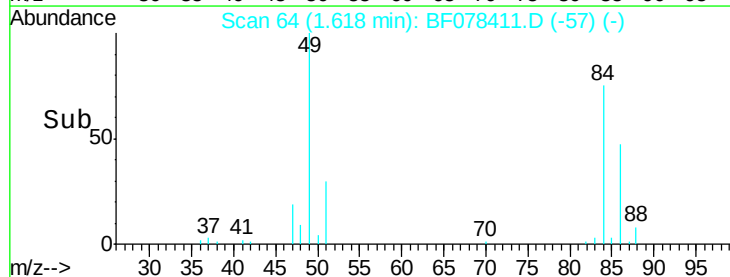
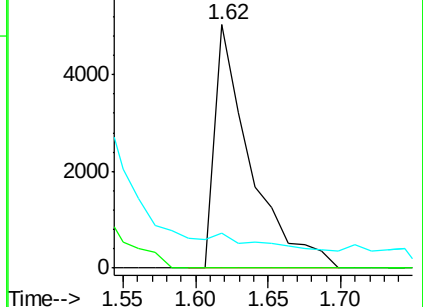
43 0.0 21.4 32.2#

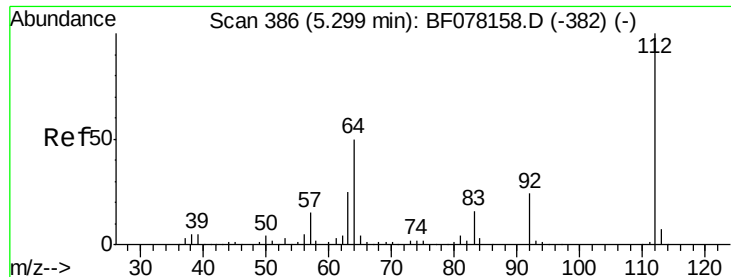


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 91.21 ng

RT: 5.12 min Scan# 370

Delta R.T. -0.00 min

Lab File: BF078411.D

Acq: 10 Apr 2015 20:51

Instrument :

BNA_F

ClientSampleId :

LS-SD09A

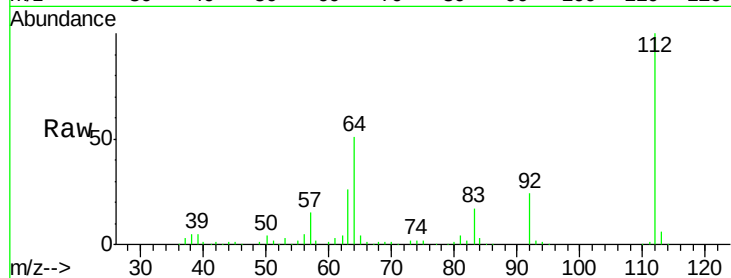
Tgt Ion: 112 Resp: 169570

Ion Ratio Lower Upper

112 100

64 50.5 39.9 59.9

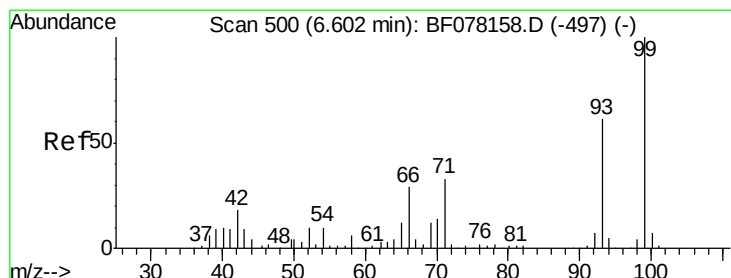
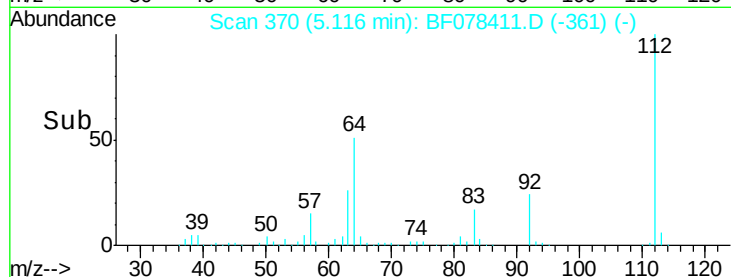
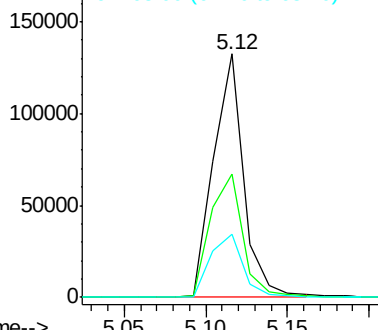
63 25.9 20.2 30.4



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: 92.94 ng

RT: 6.45 min Scan# 487

Delta R.T. -0.01 min

Lab File: BF078411.D

Acq: 10 Apr 2015 20:51

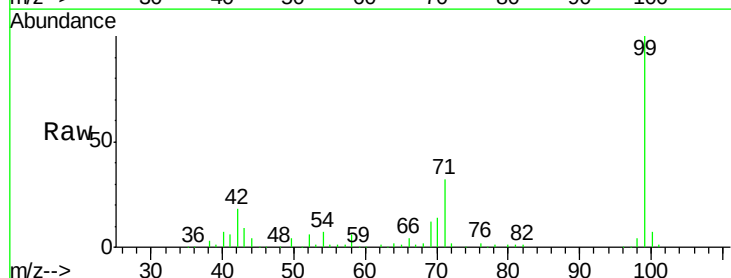
Tgt Ion: 99 Resp: 216528

Ion Ratio Lower Upper

99 100

42 17.7 14.8 22.2

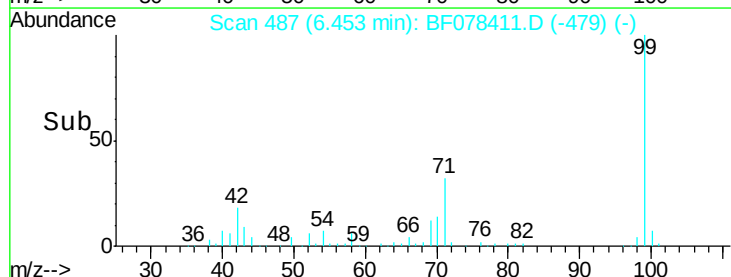
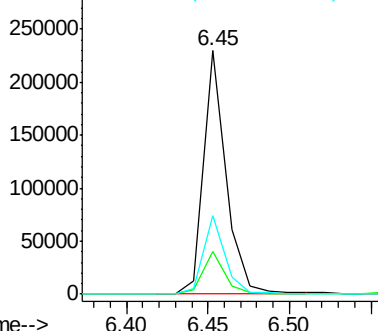
71 32.3 26.6 39.8

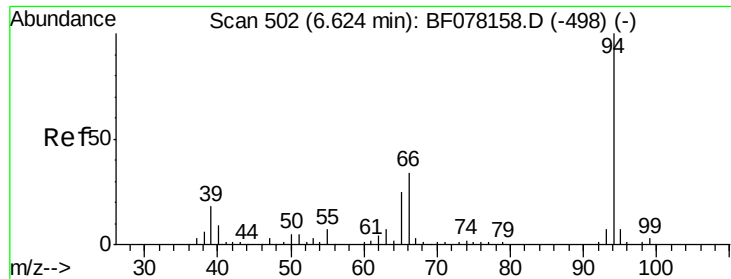


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#10

Phenol

Concen: 2.30 ng

RT: 6.48 min Scan# 489

Delta R.T. -0.00 min

Lab File: BF078411.D

Acq: 10 Apr 2015 20:51

Instrument :

BNA_F

ClientSampled :

LS-SD09A

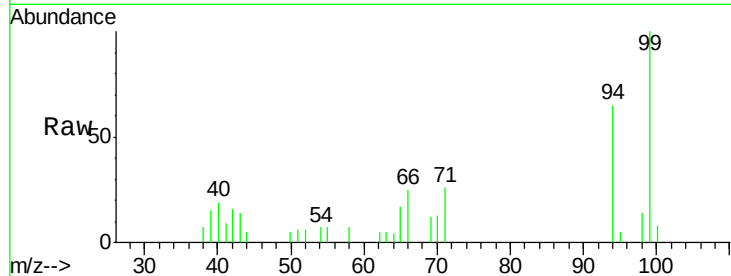
Tgt Ion: 94 Resp: 6413

Ion Ratio Lower Upper

94 100

65 26.6 4.9 44.9

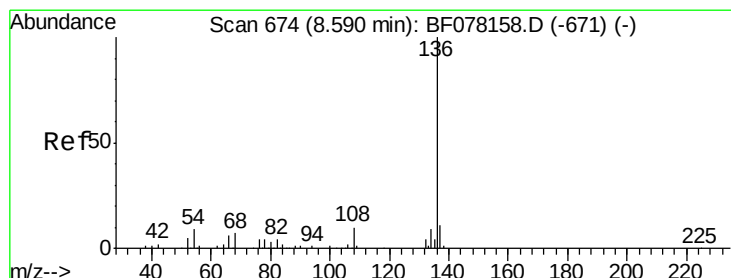
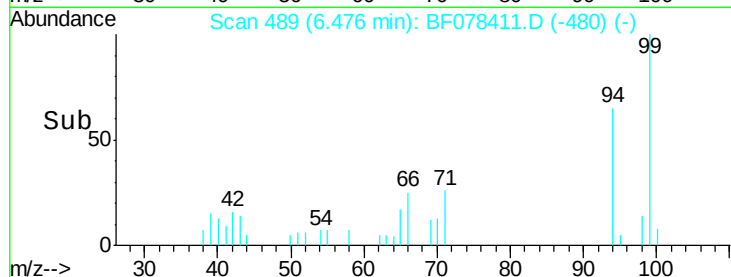
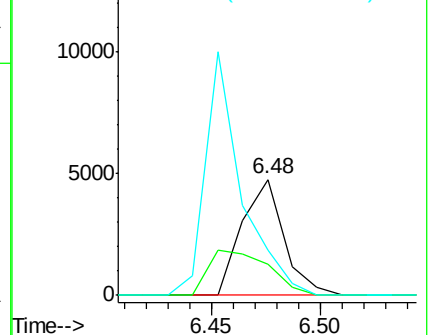
66 38.9 13.8 53.8



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: BF078411.D

Acq: 10 Apr 2015 20:51

Tgt Ion: 136 Resp: 123548

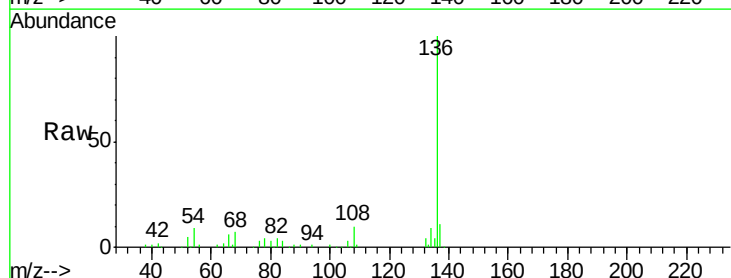
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 9.0 7.0 10.6

68 6.8 5.4 8.2

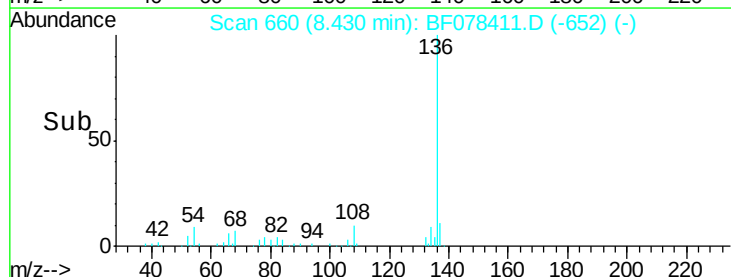
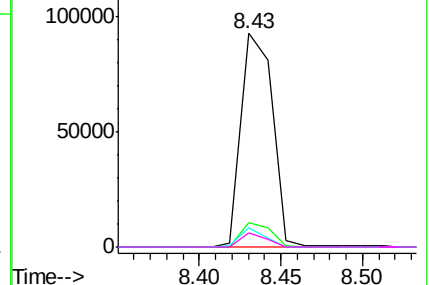


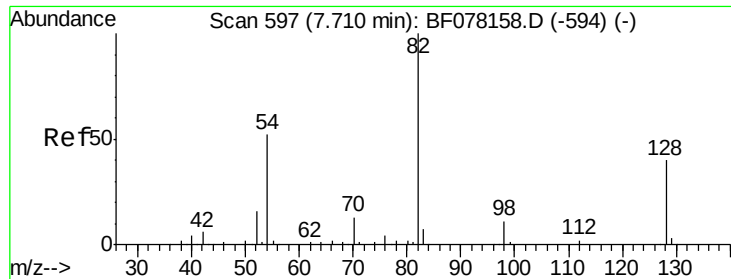
Abundance Ion 136.00 (135.70 to 136.70): E

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

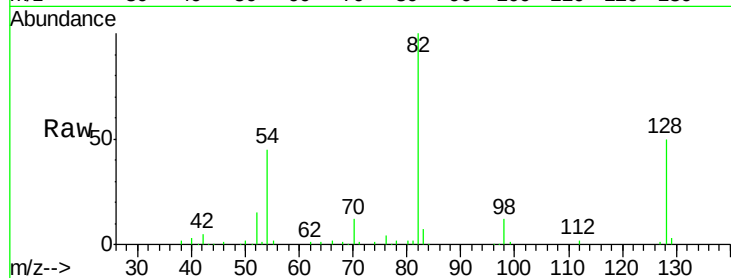




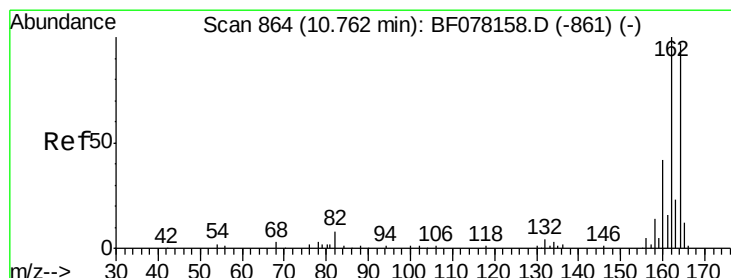
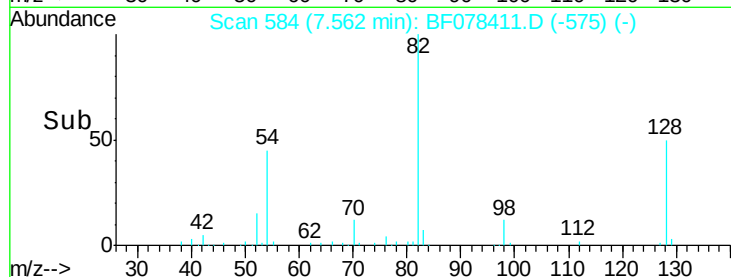
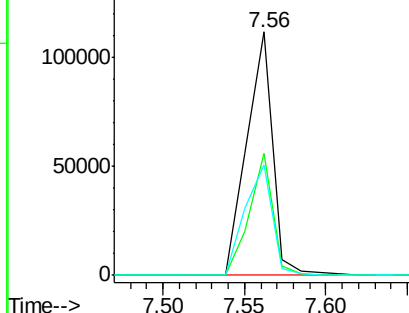
#23
 Nitrobenzene-d5
 Concen: 60.31 ng
 RT: 7.56 min Scan# 584
 Delta R.T. -0.00 min
 Lab File: BF078411.D
 Acq: 10 Apr 2015 20:51

Instrument :
 BNA_F
 ClientSampled :
 LS-SD09A

Tgt Ion	Resp	Lower	Upper
82	122932		
128	50.2	31.8	47.8#
54	45.3	41.5	62.3

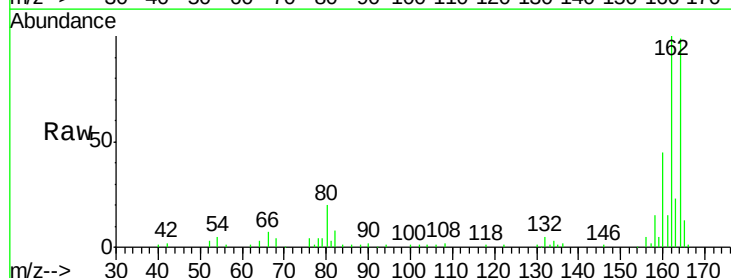


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

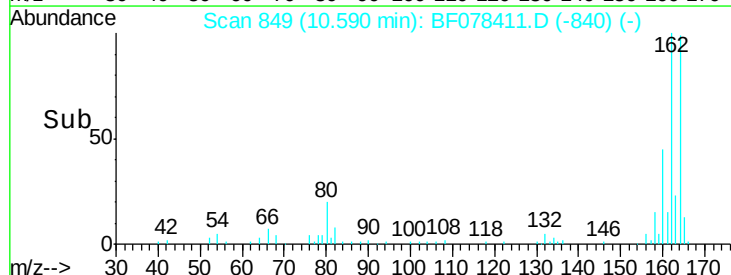
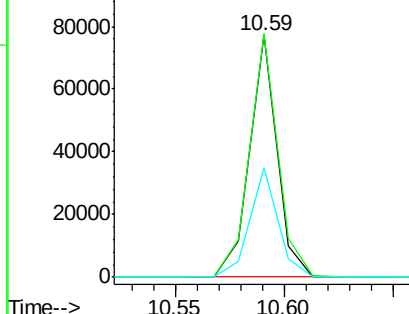


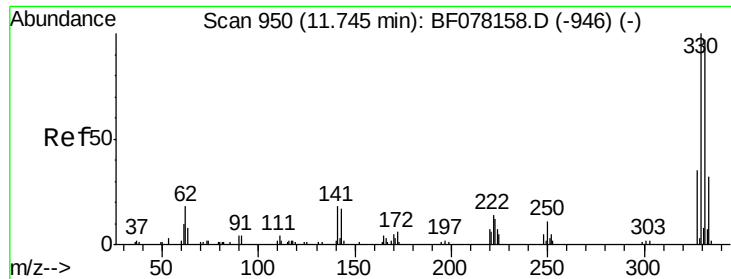
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.59 min Scan# 849
 Delta R.T. -0.00 min
 Lab File: BF078411.D
 Acq: 10 Apr 2015 20:51

Tgt Ion	Resp	Lower	Upper
164	67822		
162	100.7	82.2	123.2
160	45.2	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

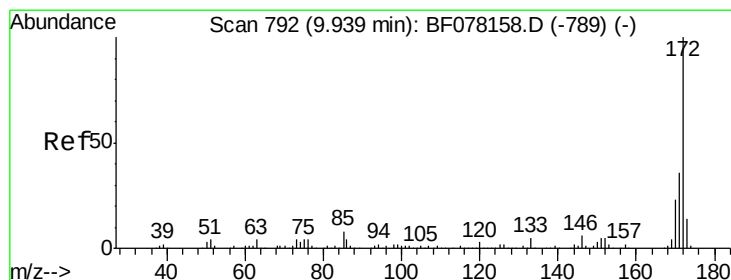
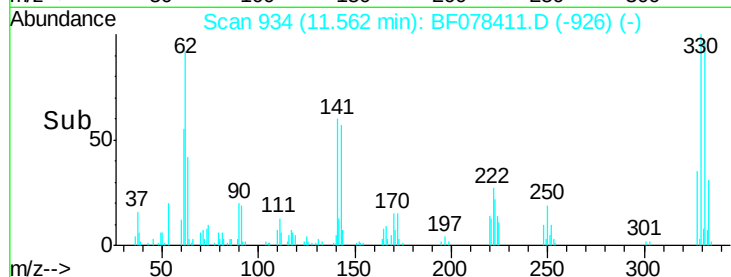
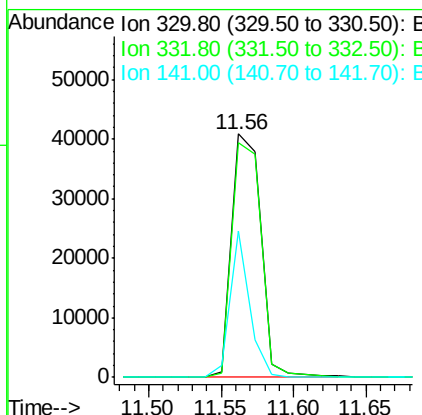
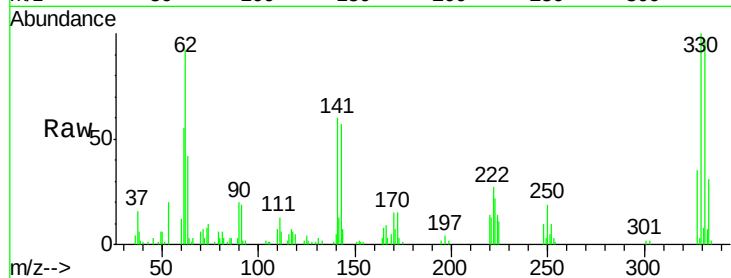




#41
 2,4,6-Tribromophenol
 Concen: 101.96 ng
 RT: 11.56 min Scan# 934
 Delta R.T. -0.01 min
 Lab File: BF078411.D
 Acq: 10 Apr 2015 20:51

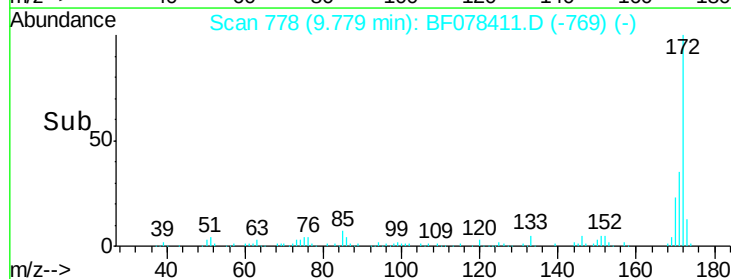
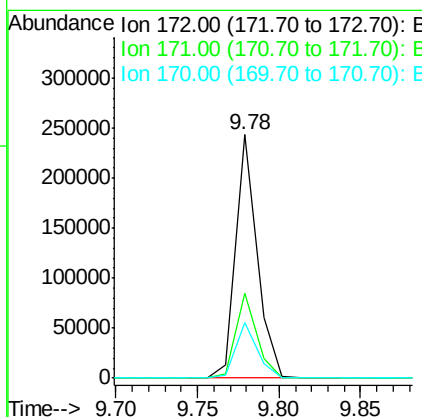
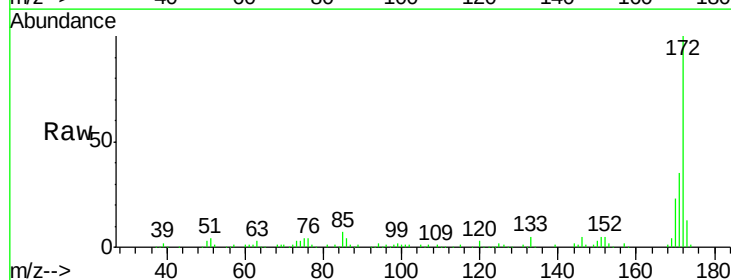
Instrument :
 BNA_F
 ClientSampleId :
 LS-SD09A

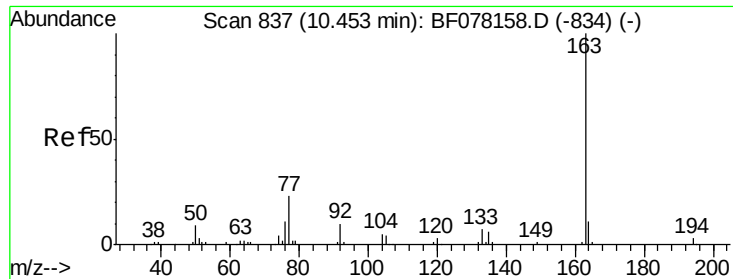
Tgt Ion:330 Resp: 57353
 Ion Ratio Lower Upper
 330 100
 332 97.4 78.6 117.8
 141 40.1 31.2 46.8



#44
 2-Fluorobiphenyl
 Concen: 46.49 ng
 RT: 9.78 min Scan# 778
 Delta R.T. -0.00 min
 Lab File: BF078411.D
 Acq: 10 Apr 2015 20:51

Tgt Ion:172 Resp: 220580
 Ion Ratio Lower Upper
 172 100
 171 34.6 28.6 42.8
 170 22.9 18.5 27.7





#49

Dimethylphthalate

Concen: 3.54 ng

RT: 10.29 min Scan# 823

Delta R.T. -0.01 min

Lab File: BF078411.D

Acq: 10 Apr 2015 20:51

Instrument :

BNA_F

ClientSampleId :

LS-SD09A

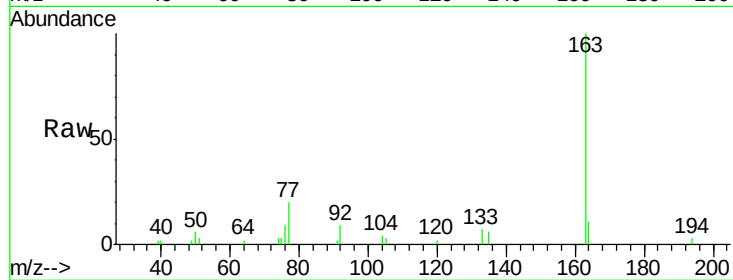
Tgt Ion:163 Resp: 18018

Ion Ratio Lower Upper

163 100

194 3.4 2.3 3.5

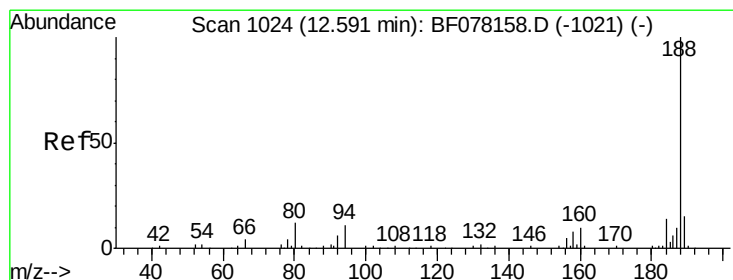
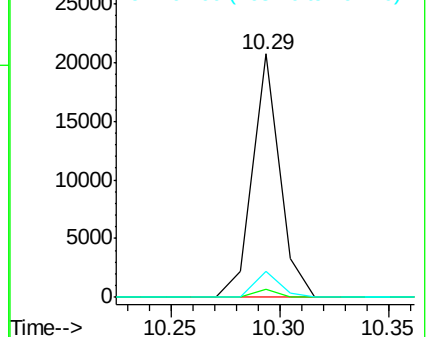
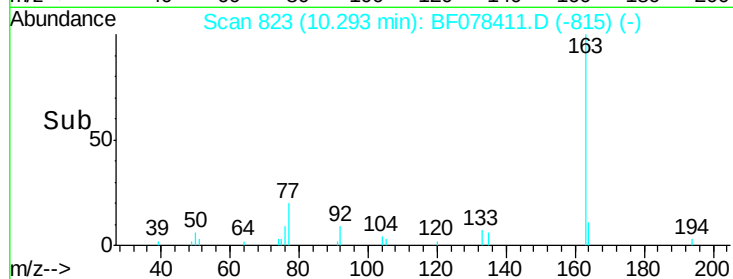
164 10.9 8.6 13.0



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: BF078411.D

Acq: 10 Apr 2015 20:51

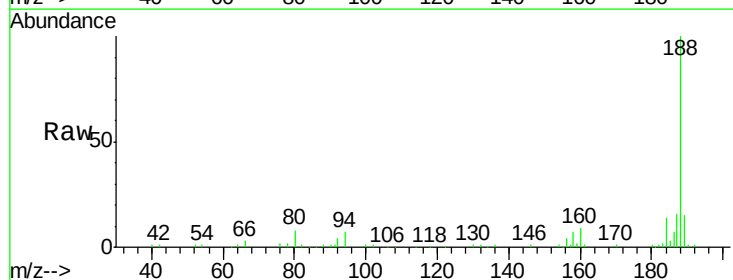
Tgt Ion:188 Resp: 132665

Ion Ratio Lower Upper

188 100

94 7.3 9.0 13.4#

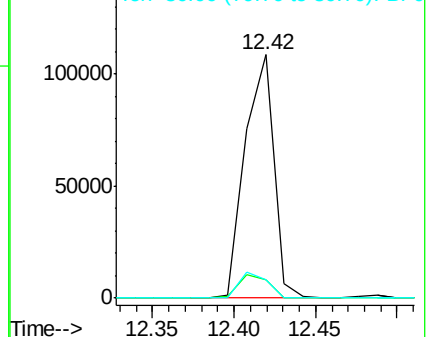
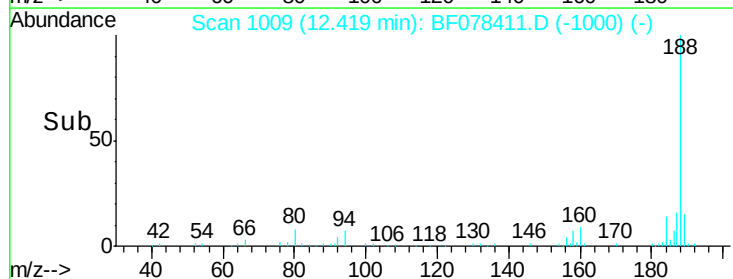
80 7.6 9.5 14.3#

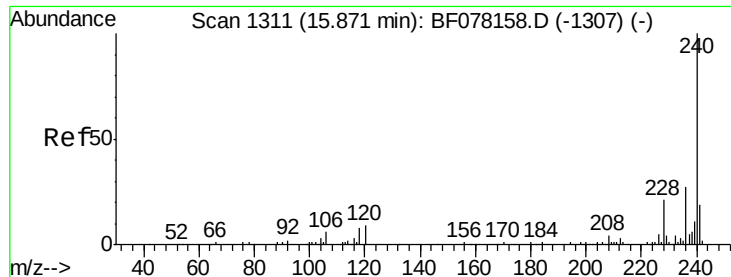


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF078411.D

Acq: 10 Apr 2015 20:51

Instrument :

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ClientSampleId :

LS-SD09A

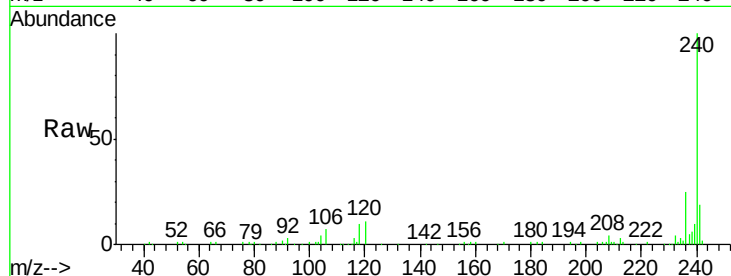
Tgt Ion:240 Resp: 154207

Ion Ratio Lower Upper

240 100

120 11.0 7.1 10.7#

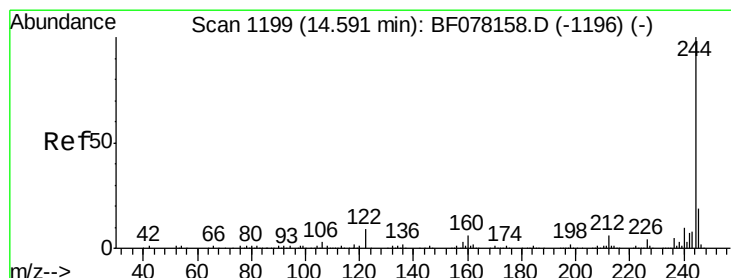
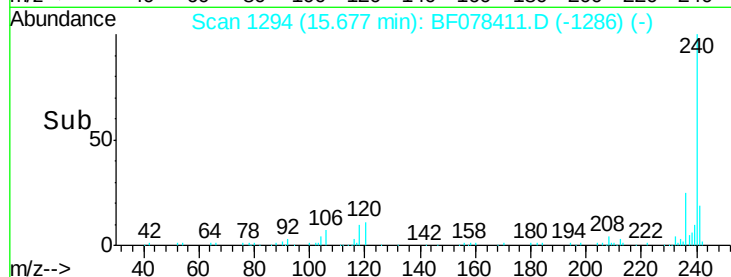
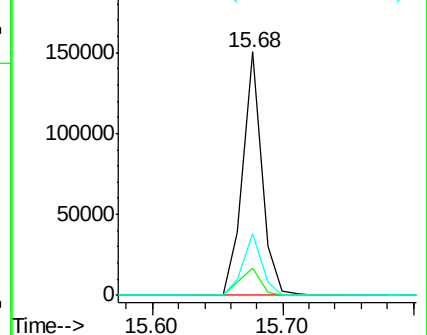
236 25.3 21.4 32.2



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: 41.83 ng

RT: 14.41 min Scan# 1183

Delta R.T. -0.00 min

Lab File: BF078411.D

Acq: 10 Apr 2015 20:51

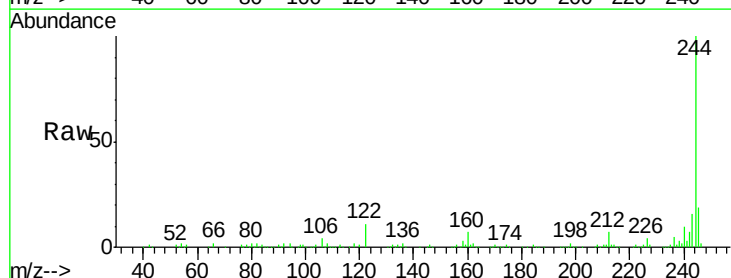
Tgt Ion:244 Resp: 285443

Ion Ratio Lower Upper

244 100

212 6.6 5.0 7.4

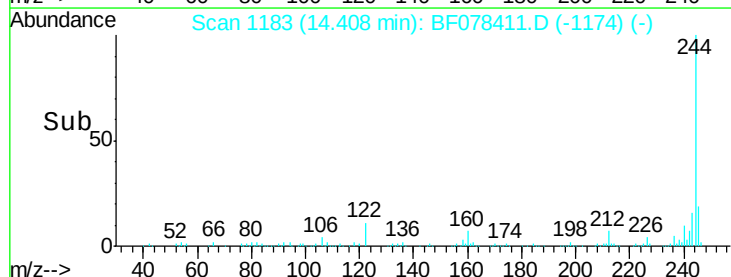
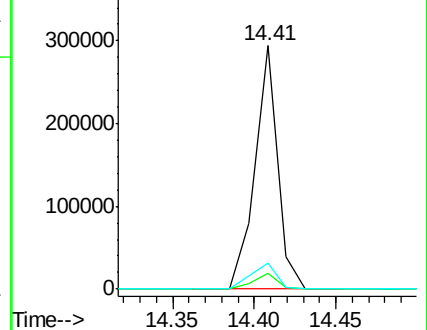
122 10.8 7.1 10.7#

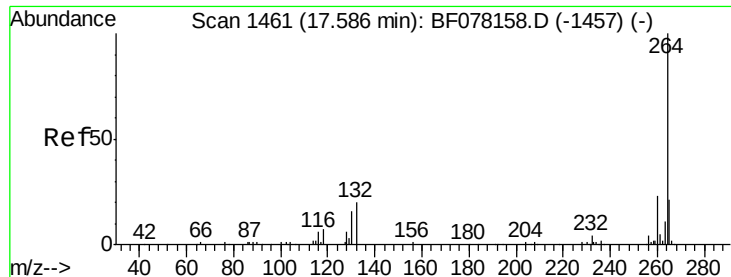


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

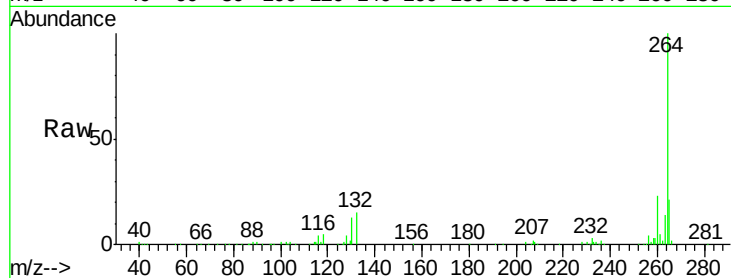




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.40 min Scan# 1445
Delta R.T. -0.05 min
Lab File: BF078411.D
Acq: 10 Apr 2015 20:51

Instrument :
BNA_F
ClientSampleId :
LS-SD09A

Tgt Ion: 264 Resp: 150334
Ion Ratio Lower Upper
264 100
260 23.5 18.6 27.8
265 20.8 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

