

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041015\
 Data File : BF078407.D
 Acq On : 10 Apr 2015 18:55
 Operator : TP/IZ
 Sample : G1791-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LS-SD08B

Quant Time: Apr 11 00:49:29 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

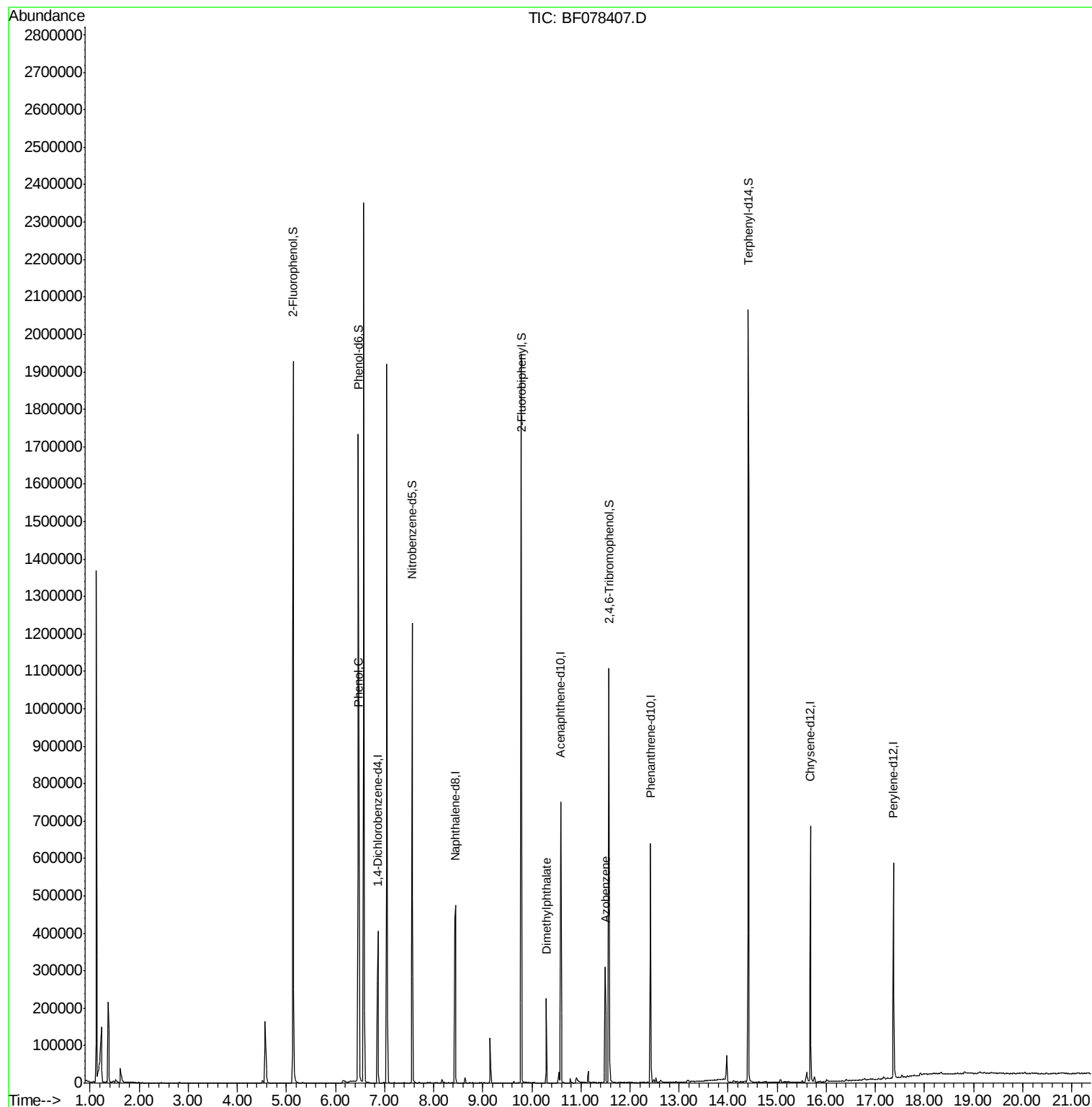
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	82946	20.00	ng	0.00
21) Naphthalene-d8	8.44	136	329133	20.00	ng	0.00
38) Acenaphthene-d10	10.59	164	159639	20.00	ng	0.00
63) Phenanthrene-d10	12.42	188	297386	20.00	ng	0.00
75) Chrysene-d12	15.68	240	278616	20.00	ng	-0.01
86) Perylene-d12	17.37	264	257391	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	687134	136.59	ng	0.02
7) Phenol-d6	6.46	99	830298	131.69	ng	0.00
23) Nitrobenzene-d5	7.56	82	482429	88.84	ng	0.00
41) 2,4,6-Tribromophenol	11.57	330	191069	144.31	ng	0.00
44) 2-Fluorobiphenyl	9.79	172	926997	83.00	ng	0.01
78) Terphenyl-d14	14.41	244	985654	79.94	ng	0.00
Target Compounds						
10) Phenol	6.48	94	17819	2.36	ng	# 1
49) Dimethylphthalate	10.29	163	93770	7.82	ng	100
62) Azobenzene	11.49	77	72080	6.83	ng	# 1

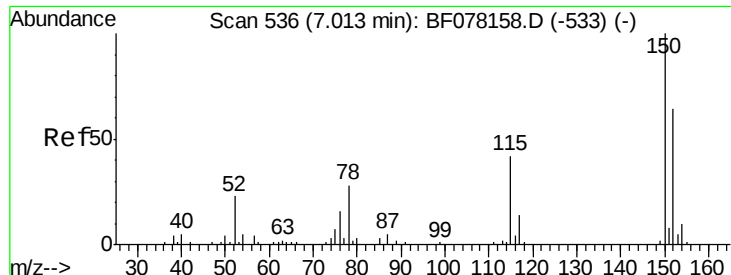
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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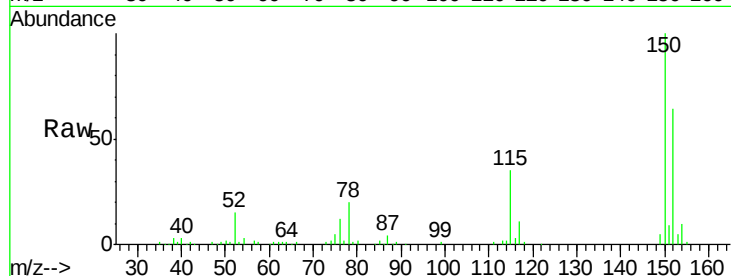




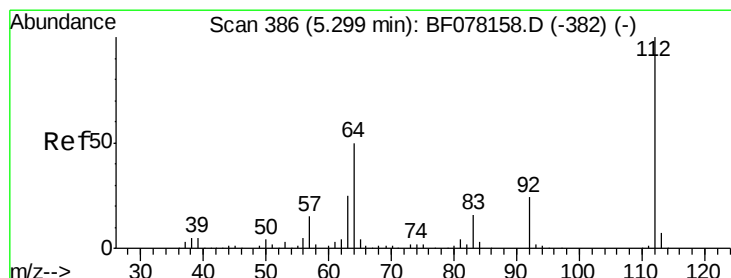
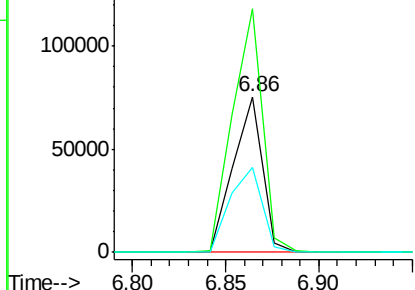
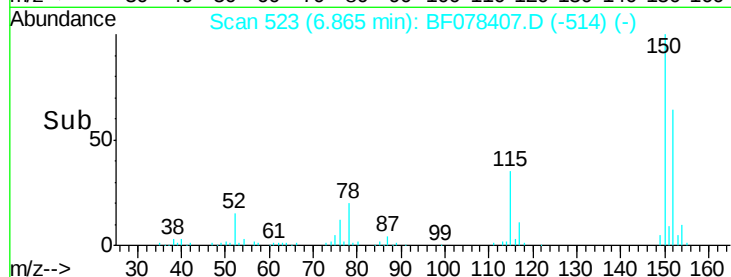
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.86 min Scan# 523
 Delta R.T. -0.00 min
 Lab File: BF078407.D
 Acq: 10 Apr 2015 18:55

Instrument :
 BNA_F
 ClientSampleId :
 LS-SD08B

Tgt Ion:152 Resp: 82946
 Ion Ratio Lower Upper
 152 100
 150 156.7 125.9 188.9
 115 54.5 52.7 79.1

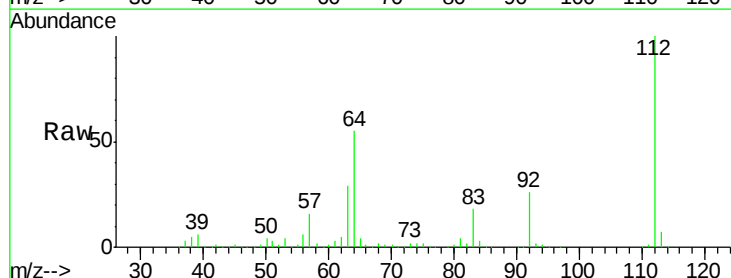


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

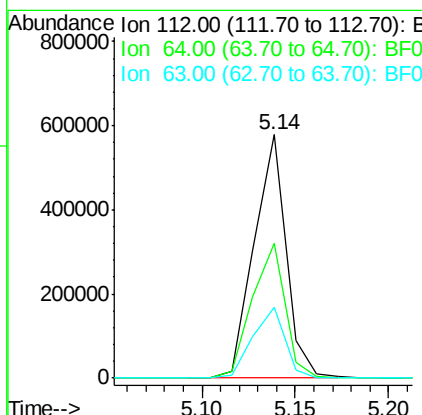
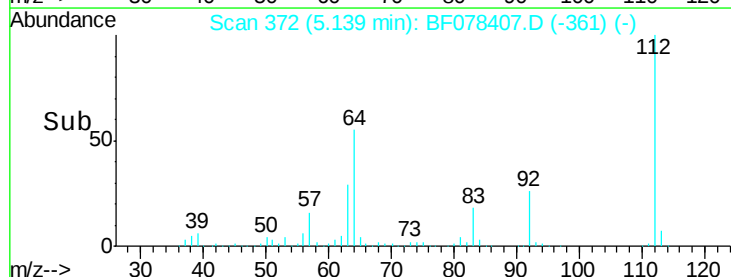


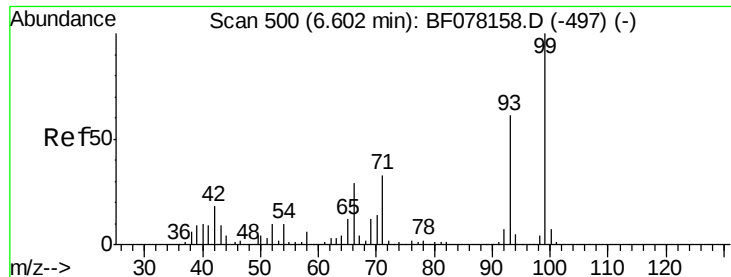
#5
 2-Fluorophenol
 Concen: 136.59 ng
 RT: 5.14 min Scan# 372
 Delta R.T. 0.02 min
 Lab File: BF078407.D
 Acq: 10 Apr 2015 18:55

Tgt Ion:112 Resp: 687134
 Ion Ratio Lower Upper
 112 100
 64 55.4 39.9 59.9
 63 29.0 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: 131.69 ng

RT: 6.46 min Scan# 488

Delta R.T. -0.00 min

Lab File: BF078407.D

Acq: 10 Apr 2015 18:55

Instrument :

BNA_F

ClientSampleId :

LS-SD08B

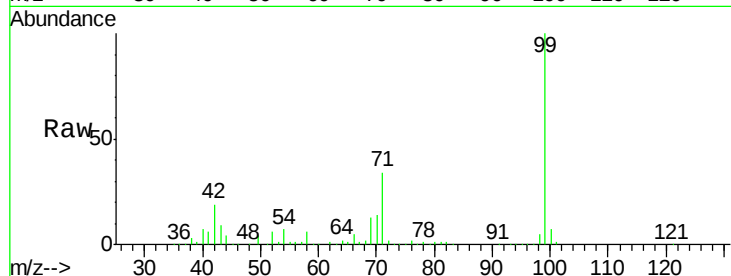
Tgt Ion: 99 Resp: 830298

Ion Ratio Lower Upper

99 100

42 18.5 14.8 22.2

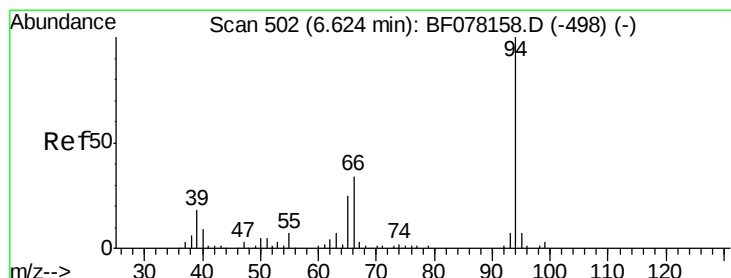
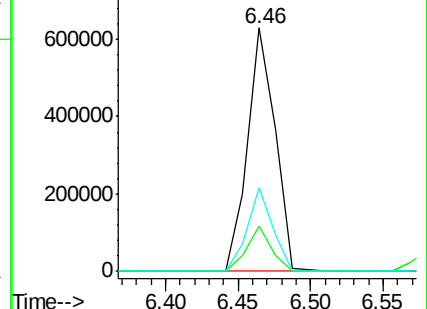
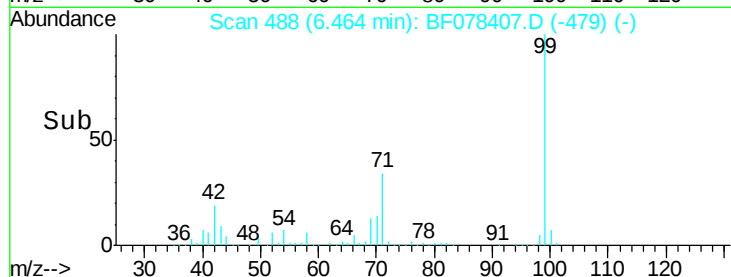
71 34.5 26.6 39.8



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: 2.36 ng

RT: 6.48 min Scan# 489

Delta R.T. -0.00 min

Lab File: BF078407.D

Acq: 10 Apr 2015 18:55

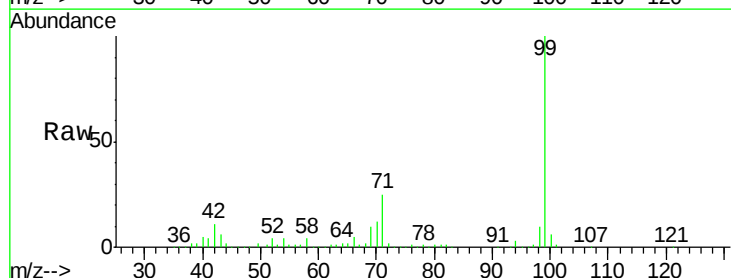
Tgt Ion: 94 Resp: 17819

Ion Ratio Lower Upper

94 100

65 55.7 4.9 44.9#

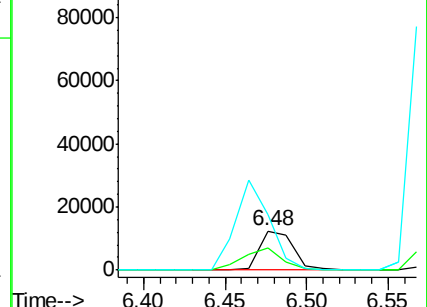
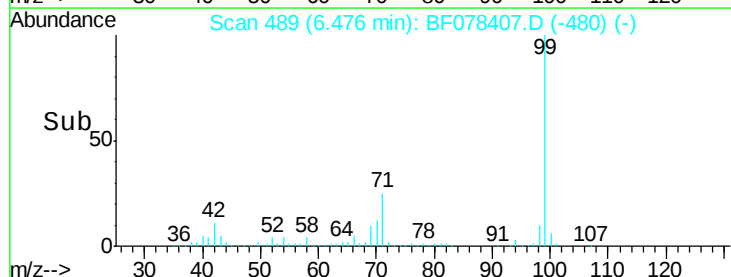
66 143.0 13.8 53.8#



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

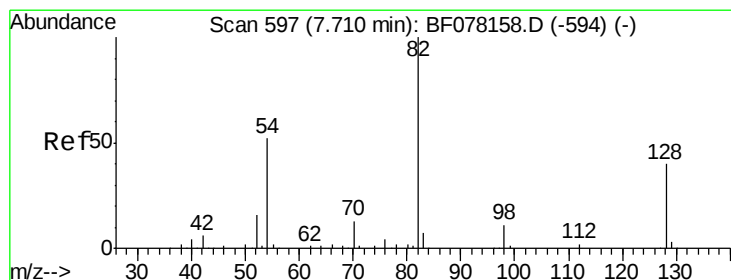
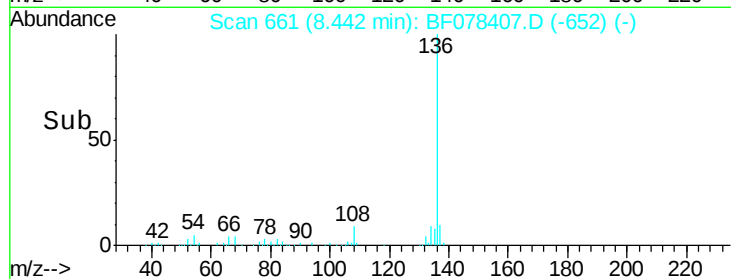
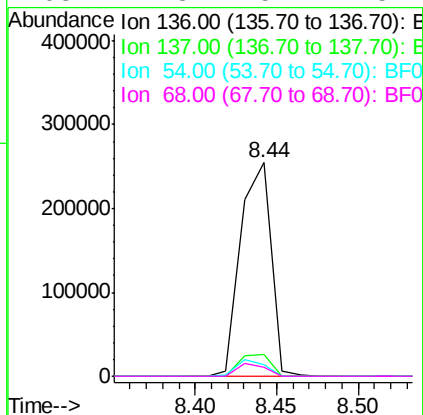
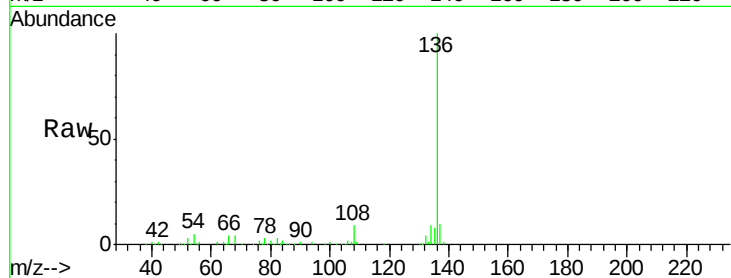




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.44 min Scan# 661
Delta R.T. -0.00 min
Lab File: BF078407.D
Acq: 10 Apr 2015 18:55

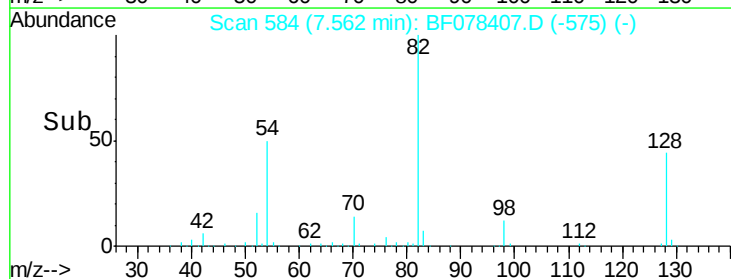
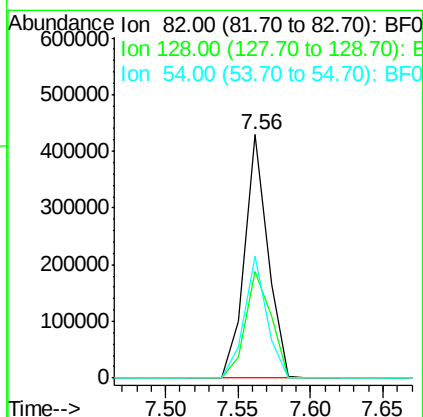
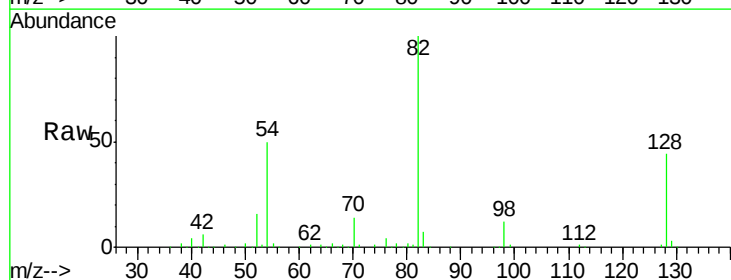
Instrument :
BNA_F
ClientSampleId :
LS-SD08B

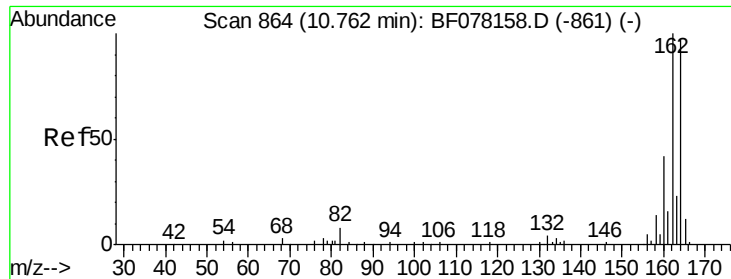
Tgt Ion:	136	Resp:	329133
Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.0	13.4
54	5.2	7.0	10.6#
68	4.3	5.4	8.2#



#23
Nitrobenzene-d5
Concen: 88.84 ng
RT: 7.56 min Scan# 584
Delta R.T. -0.00 min
Lab File: BF078407.D
Acq: 10 Apr 2015 18:55

Tgt Ion:	82	Resp:	482429
Ion	Ratio	Lower	Upper
82	100		
128	43.6	31.8	47.8
54	49.9	41.5	62.3





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.59 min Scan# 849

Delta R.T. -0.00 min

Lab File: BF078407.D

Acq: 10 Apr 2015 18:55

Instrument :

BNA_F

ClientSampleId :

LS-SD08B

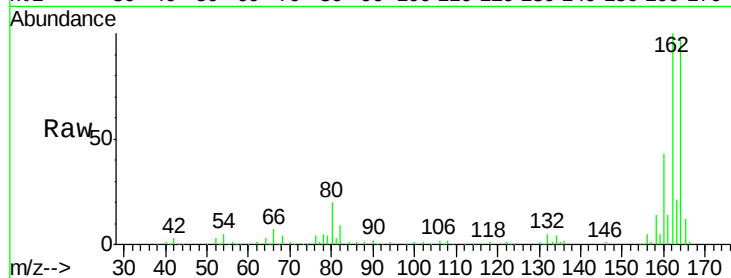
Tgt Ion:164 Resp: 159639

Ion Ratio Lower Upper

164 100

162 103.1 82.2 123.2

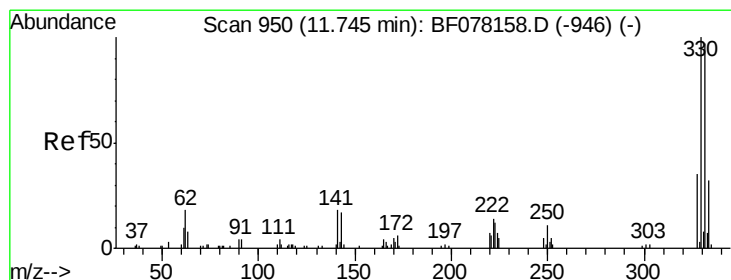
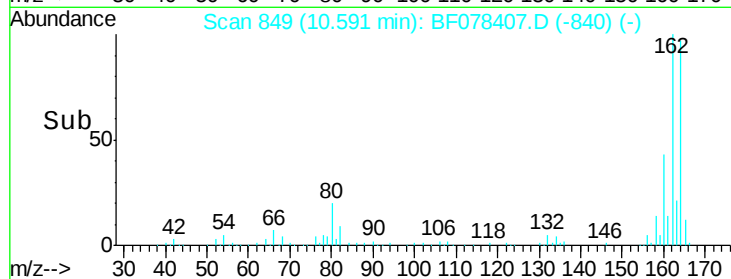
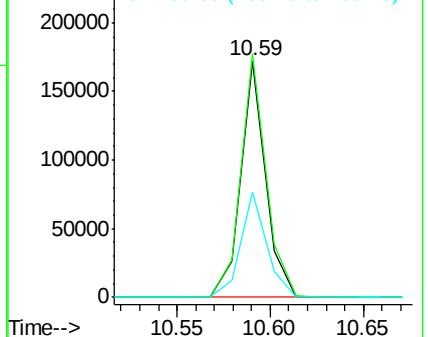
160 44.4 34.7 52.1



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: 144.31 ng

RT: 11.57 min Scan# 935

Delta R.T. -0.00 min

Lab File: BF078407.D

Acq: 10 Apr 2015 18:55

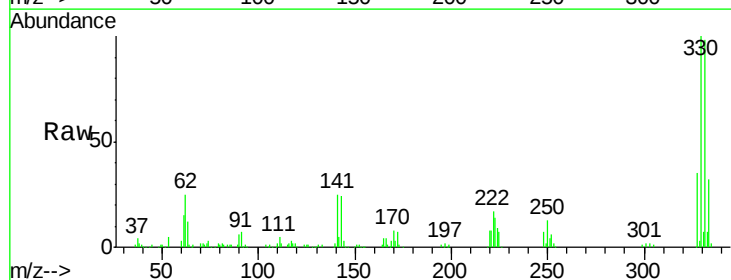
Tgt Ion:330 Resp: 191069

Ion Ratio Lower Upper

330 100

332 96.9 78.6 117.8

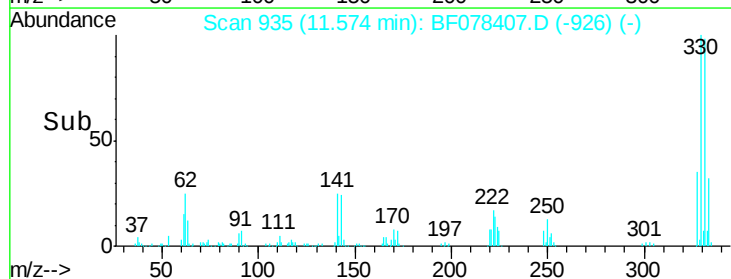
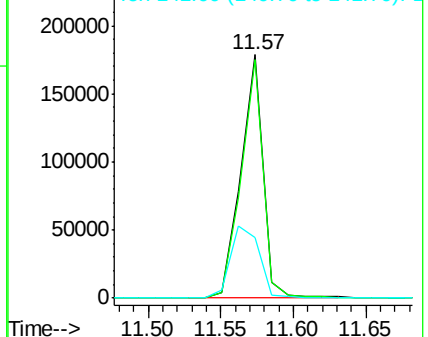
141 38.5 31.2 46.8



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

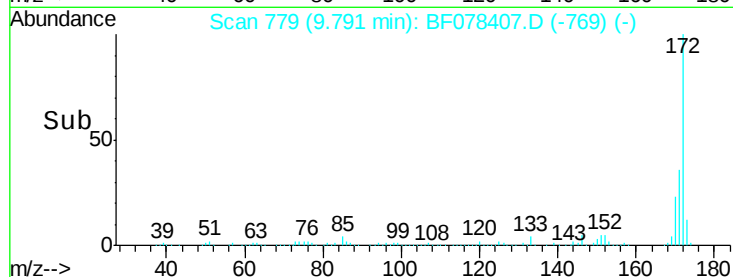
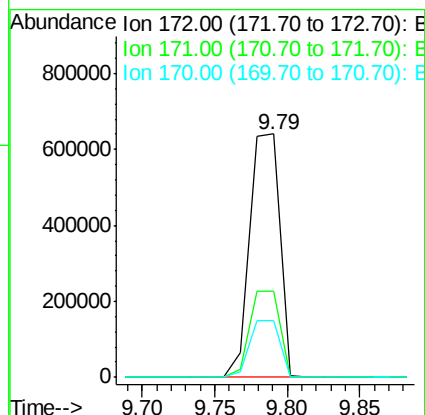
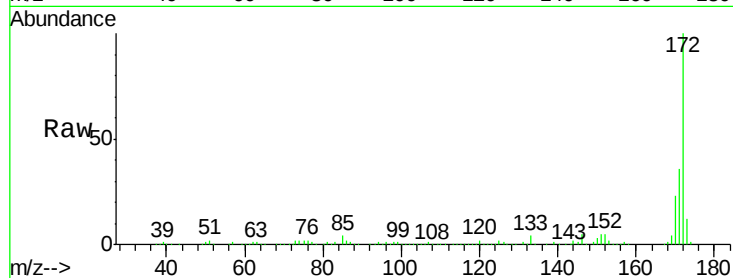




#44
 2-Fluorobiphenyl
 Concen: 83.00 ng
 RT: 9.79 min Scan# 779
 Delta R.T. 0.01 min
 Lab File: BF078407.D
 Acq: 10 Apr 2015 18:55

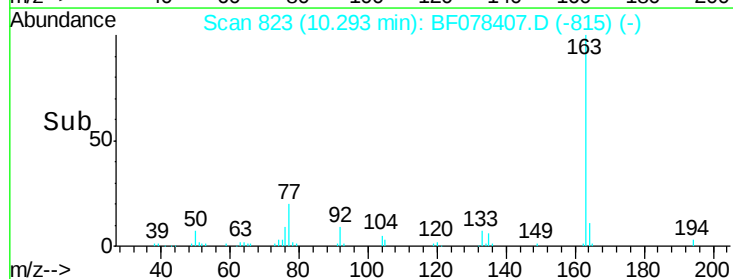
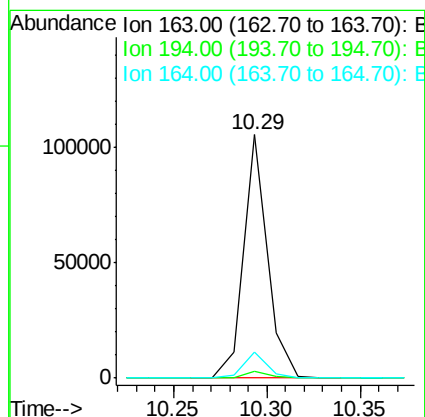
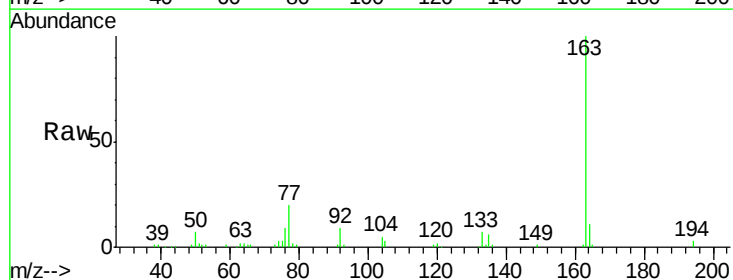
Instrument :
 BNA_F
 ClientSampleId :
 LS-SD08B

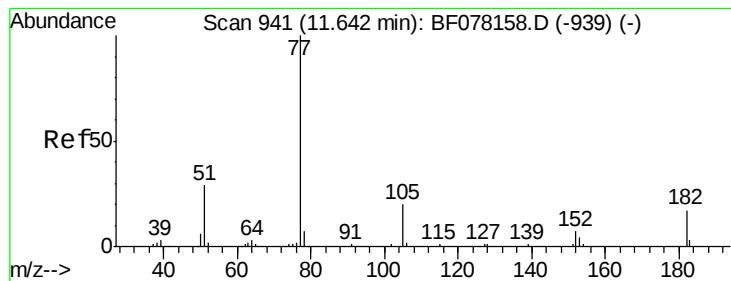
Tgt Ion:172 Resp: 926997
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.6 42.8
 170 23.2 18.5 27.7



#49
 Dimethylphthalate
 Concen: 7.82 ng
 RT: 10.29 min Scan# 823
 Delta R.T. -0.01 min
 Lab File: BF078407.D
 Acq: 10 Apr 2015 18:55

Tgt Ion:163 Resp: 93770
 Ion Ratio Lower Upper
 163 100
 194 3.0 2.3 3.5
 164 10.7 8.6 13.0





#62

Azobenzene

Concen: 6.83 ng

RT: 11.49 min Scan# 928

Delta R.T. 0.01 min

Lab File: BF078407.D

Acq: 10 Apr 2015 18:55

Instrument :

BNA_F

ClientSampleId :

LS-SD08B

Tgt Ion: 77 Resp: 72080

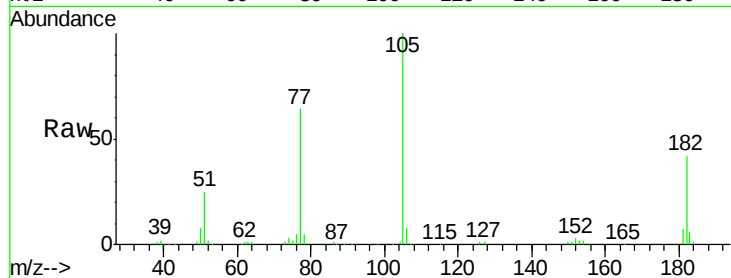
Ion Ratio Lower Upper

77 100

182 66.1 0.0 36.8#

105 155.7 0.3 40.3#

51 38.3 9.1 49.1

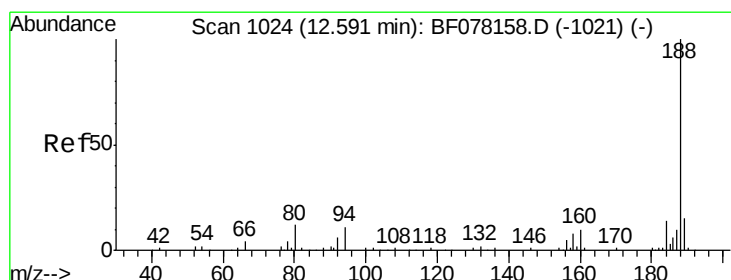
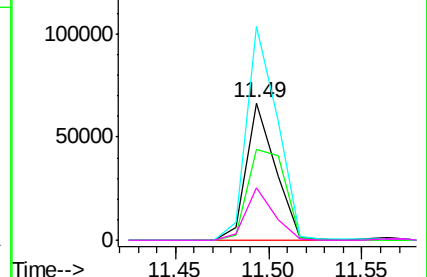
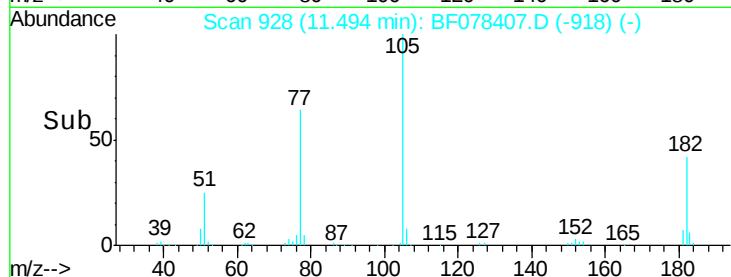


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: BF078407.D

Acq: 10 Apr 2015 18:55

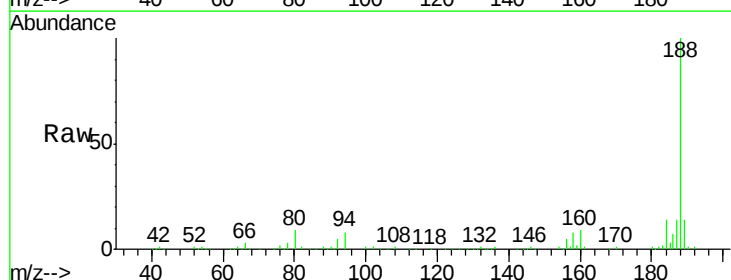
Tgt Ion: 188 Resp: 297386

Ion Ratio Lower Upper

188 100

94 8.1 9.0 13.4#

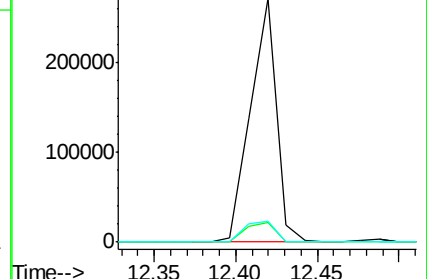
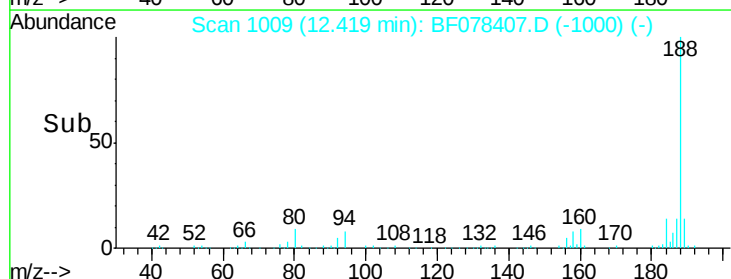
80 8.6 9.5 14.3#

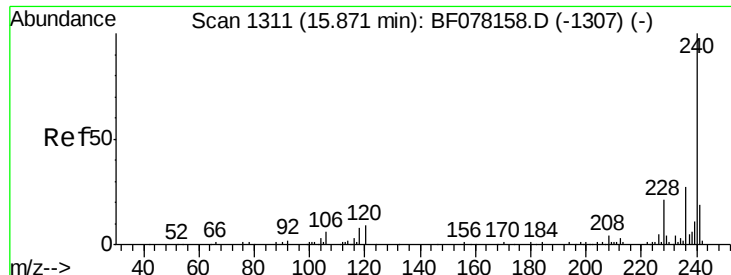


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF078407.D

Acq: 10 Apr 2015 18:55

Instrument :

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LS-SD08B

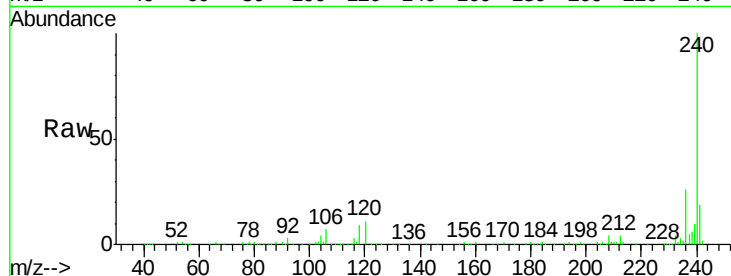
Tgt Ion:240 Resp: 278616

Ion Ratio Lower Upper

240 100

120 10.8 7.1 10.7#

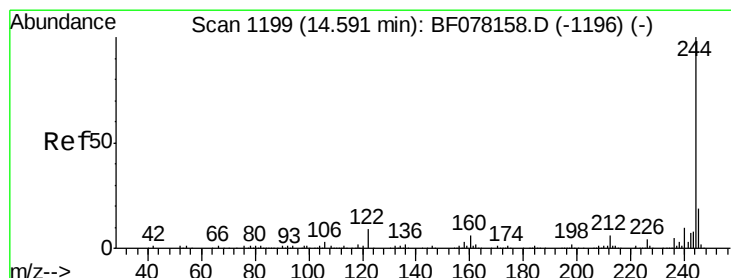
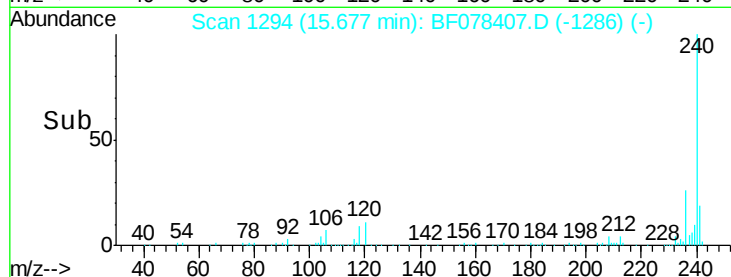
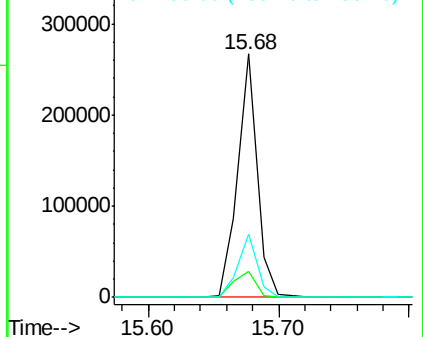
236 25.7 21.4 32.2



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: 79.94 ng

RT: 14.41 min Scan# 1183

Delta R.T. -0.00 min

Lab File: BF078407.D

Acq: 10 Apr 2015 18:55

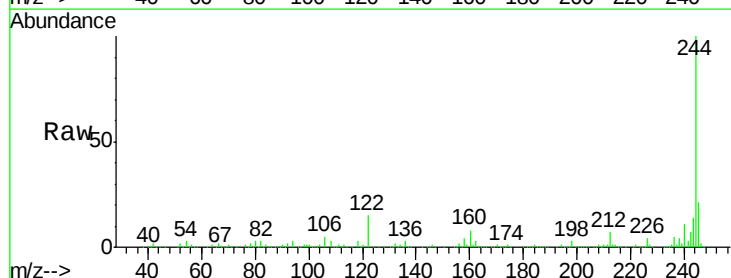
Tgt Ion:244 Resp: 985654

Ion Ratio Lower Upper

244 100

212 7.2 5.0 7.4

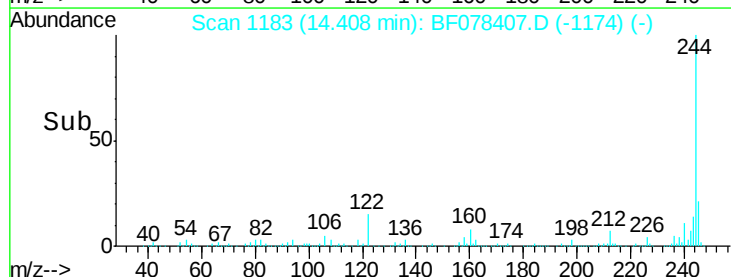
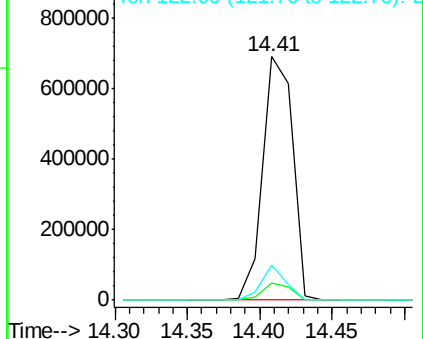
122 14.6 7.1 10.7#

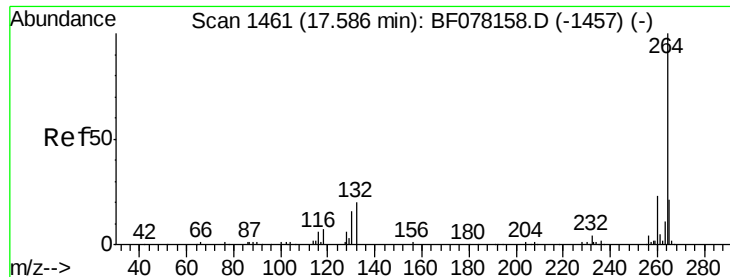


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

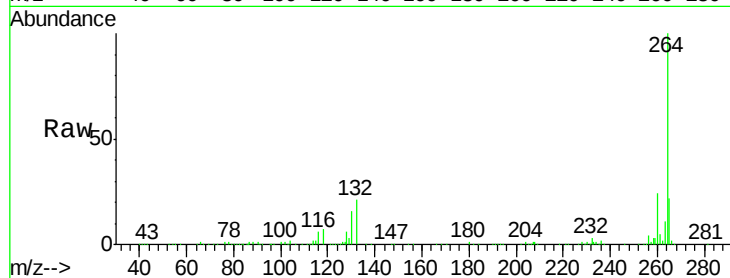




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.37 min Scan# 1442
Delta R.T. -0.08 min
Lab File: BF078407.D
Acq: 10 Apr 2015 18:55

Instrument :
BNA_F
ClientSampleId :
LS-SD08B

Tgt Ion: 264 Resp: 257391
Ion Ratio Lower Upper
264 100
260 23.6 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

