

Data Path : Z:\HPCHEM1\BNA_F\Data\BF041315\
 Data File : BF078496.D
 Acq On : 14 Apr 2015 10:22
 Operator : TP/IZ
 Sample : G1787-11
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LS-SD05B

Quant Time: Apr 14 11:51:30 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 14 11:28:17 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	36810	20.00	ng	0.00
21) Naphthalene-d8	8.41	136	147095	20.00	ng	0.00
38) Acenaphthene-d10	10.56	164	72549	20.00	ng	-0.01
63) Phenanthrene-d10	12.39	188	142621	20.00	ng	0.00
75) Chrysene-d12	15.65	240	152734	20.00	ng	0.00
86) Perylene-d12	17.39	264	150845	20.00	ng	0.10

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.08	112	304917	136.58	ng	0.01
7) Phenol-d6	6.43	99	400067	142.99	ng	0.00
23) Nitrobenzene-d5	7.53	82	219640	90.51	ng	0.00
41) 2,4,6-Tribromophenol	11.54	330	93708	155.74	ng	0.00
44) 2-Fluorobiphenyl	9.76	172	355921	70.13	ng	0.00
78) Terphenyl-d14	14.38	244	394239	58.33	ng	0.00

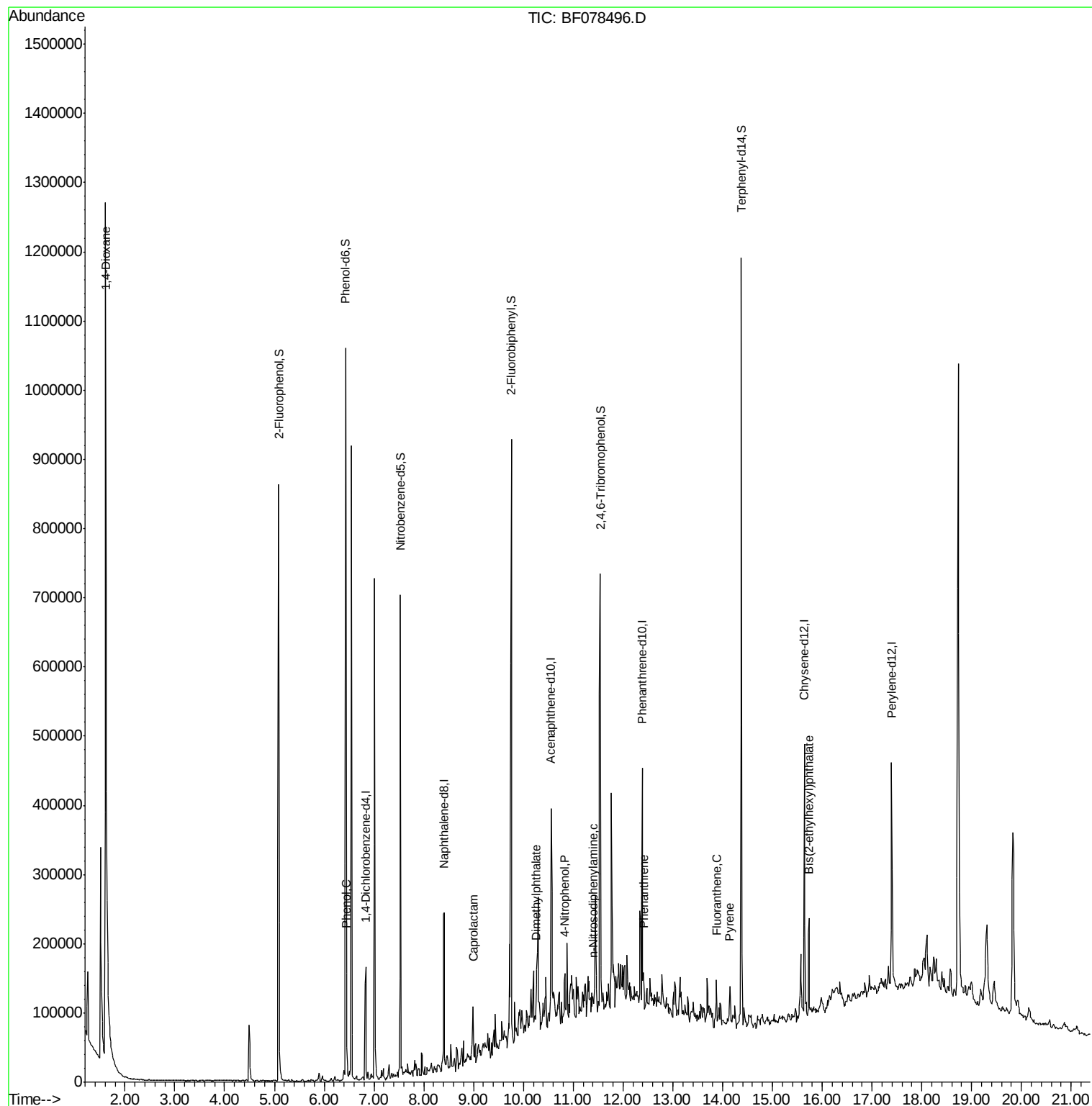
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.61	88	53263	52.76	ng	# 23
10) Phenol	6.44	94	10115	3.02	ng	# 64
35) Caprolactam	8.99	113	2343	3.84	ng	# 49
49) Dimethylphthalate	10.26	163	21934	4.02	ng	# 99
55) 4-Nitrophenol	10.82	139	2670	5.51	ng	# 32
65) n-Nitrosodiphenylamine	11.41	169	11690	2.37	ng	# 53
70) Phenanthrene	12.41	178	20182	2.45	ng	# 95
74) Fluoranthene	13.87	202	22327	2.57	ng	# 94
77) Pyrene	14.15	202	22568	2.35	ng	# 93
83) Bis(2-ethylhexyl)phthalate	15.74	149	61525	10.73	ng	# 98

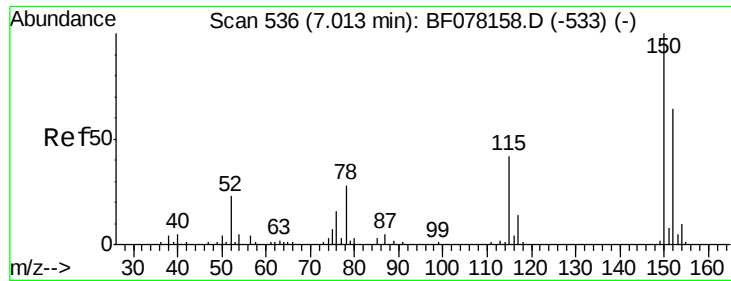
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 494

Delta R.T. 0.00 min

Lab File: BF078496.D

Acq: 14 Apr 2015 10:22

Instrument :

BNA_F

ClientSampleId :

LS-SD05B

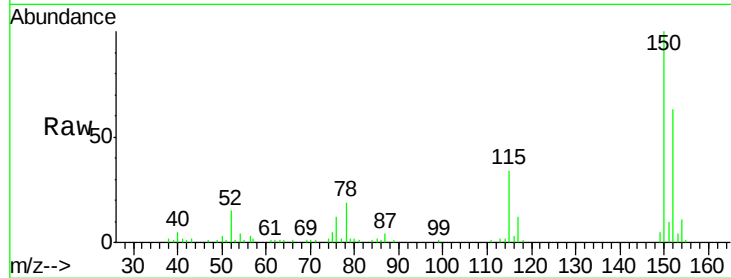
Tgt Ion:152 Resp: 36810

Ion Ratio Lower Upper

152 100

150 157.9 125.9 188.9

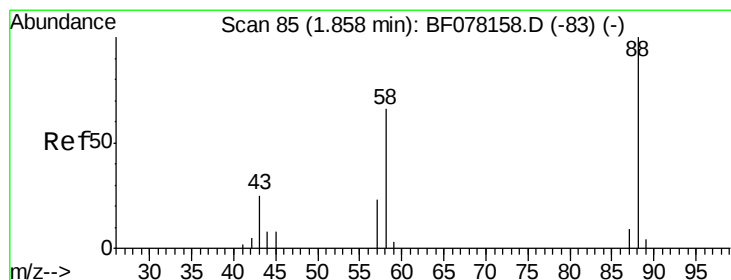
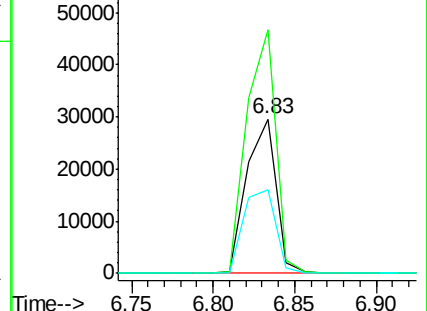
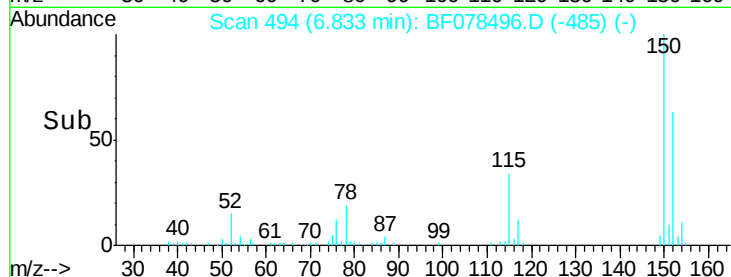
115 54.4 52.7 79.1



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: 52.76 ng

RT: 1.61 min Scan# 37

Delta R.T. 0.00 min

Lab File: BF078496.D

Acq: 14 Apr 2015 10:22

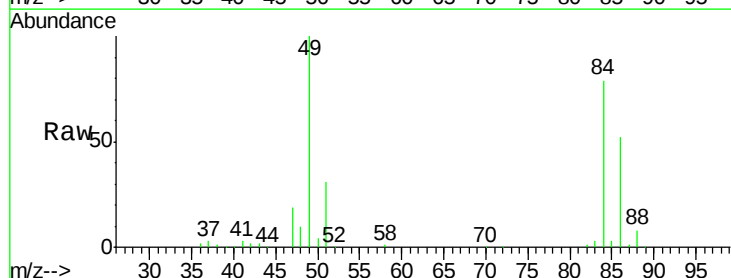
Tgt Ion: 88 Resp: 53263

Ion Ratio Lower Upper

88 100

58 0.0 56.9 85.3#

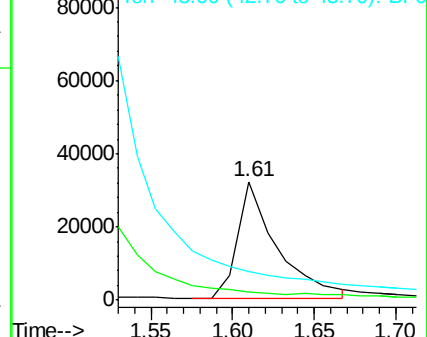
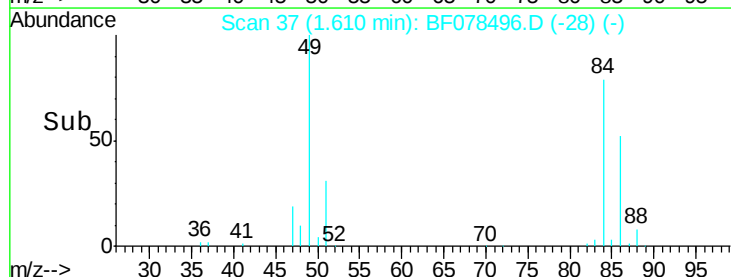
43 0.0 21.4 32.2#

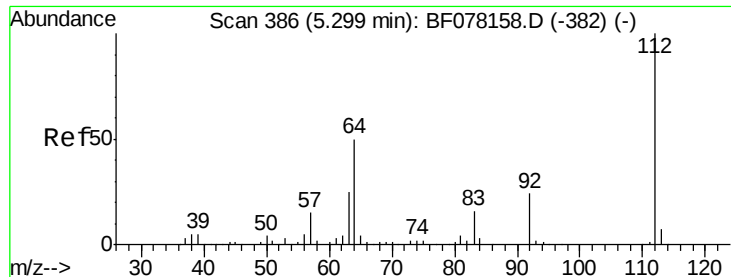


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 136.58 ng

RT: 5.08 min Scan# 341

Delta R.T. 0.01 min

Lab File: BF078496.D

Acq: 14 Apr 2015 10:22

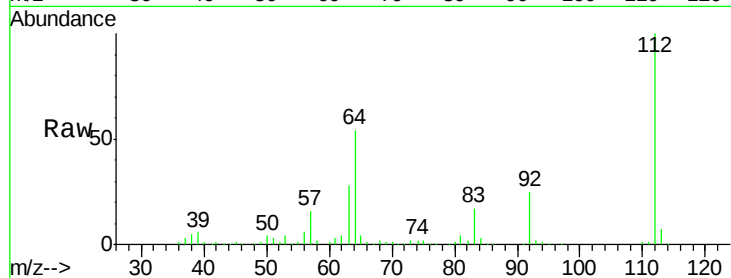
Instrument :

BNA_F

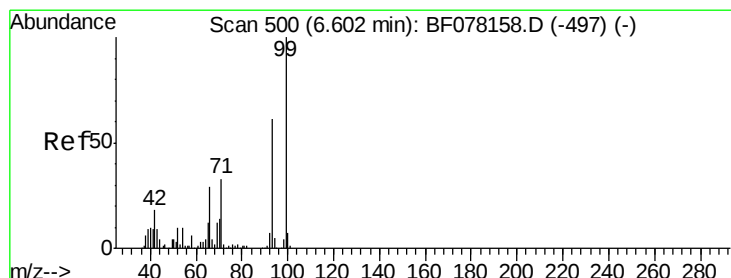
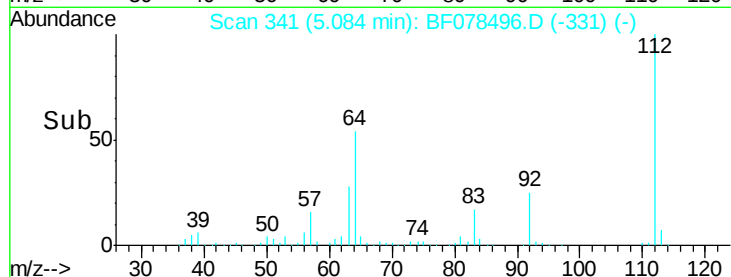
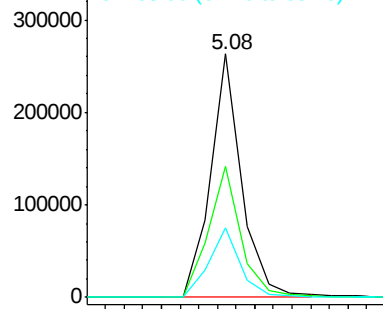
ClientSampleId :

LS-SD05B

Tgt Ion:	112	Resp:	304917
Ion	Ratio	Lower	Upper
112	100		
64	53.8	39.9	59.9
63	28.5	20.2	30.4



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



#7

Phenol-d6

Concen: 142.99 ng

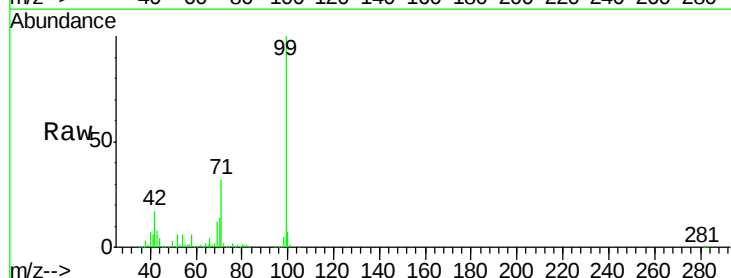
RT: 6.43 min Scan# 459

Delta R.T. 0.00 min

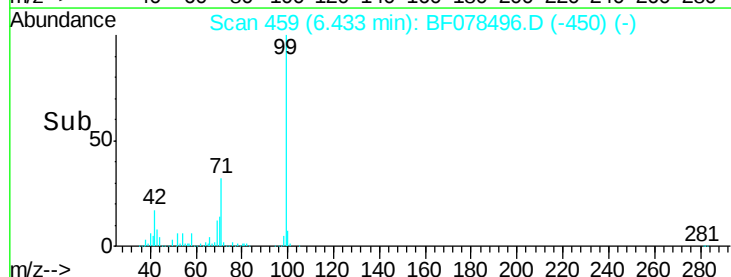
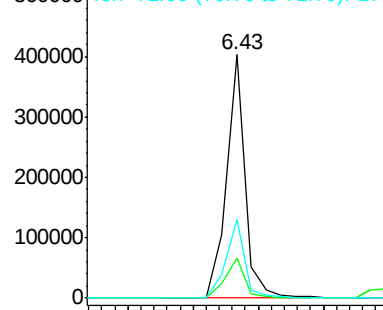
Lab File: BF078496.D

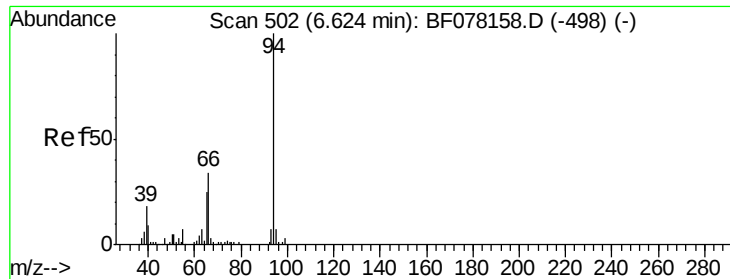
Acq: 14 Apr 2015 10:22

Tgt Ion:	99	Resp:	400067
Ion	Ratio	Lower	Upper
99	100		
42	16.7	14.8	22.2
71	32.2	26.6	39.8



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





#10

Phenol

Concen: 3.02 ng

RT: 6.44 min Scan# 460

Delta R.T. 0.00 min

Lab File: BF078496.D

Acq: 14 Apr 2015 10:22

Instrument :

BNA_F

ClientSampleId :

LS-SD05B

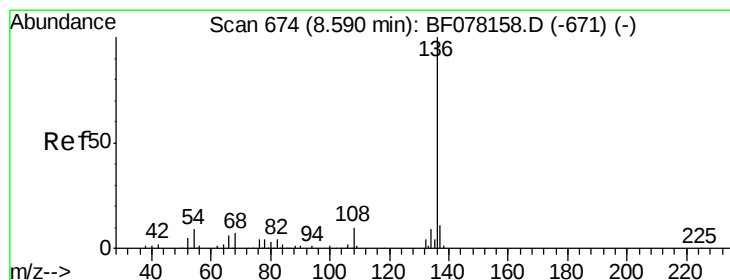
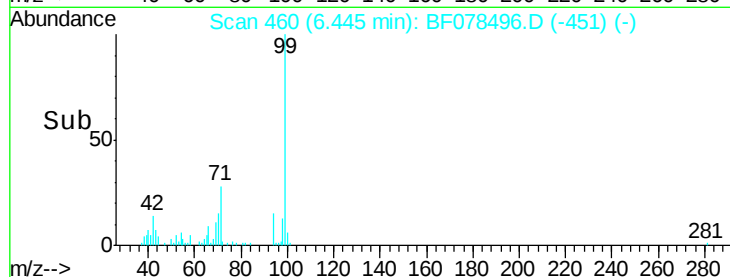
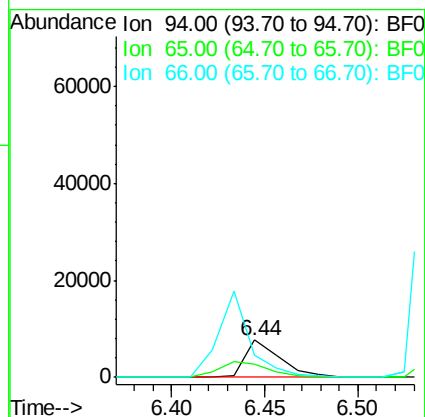
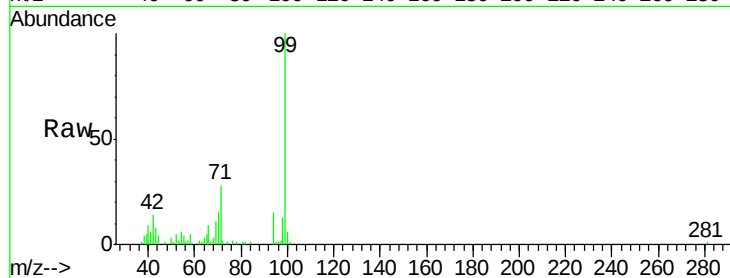
Tgt Ion: 94 Resp: 10115

Ion Ratio Lower Upper

94 100

65 35.4 4.9 44.9

66 60.4 13.8 53.8#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.41 min Scan# 632

Delta R.T. 0.00 min

Lab File: BF078496.D

Acq: 14 Apr 2015 10:22

Tgt Ion: 136 Resp: 147095

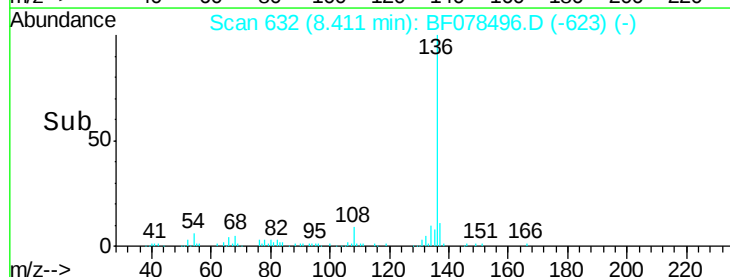
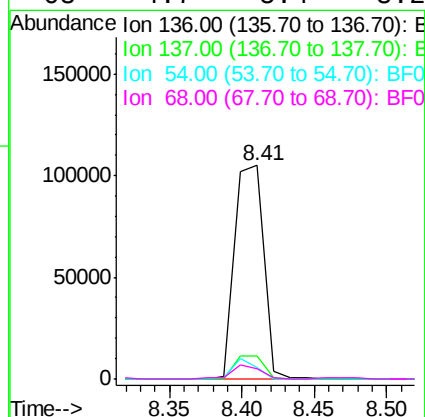
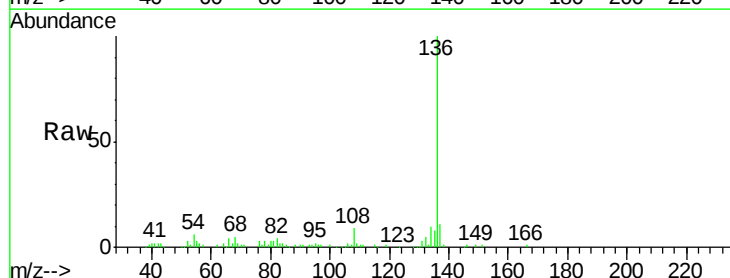
Ion Ratio Lower Upper

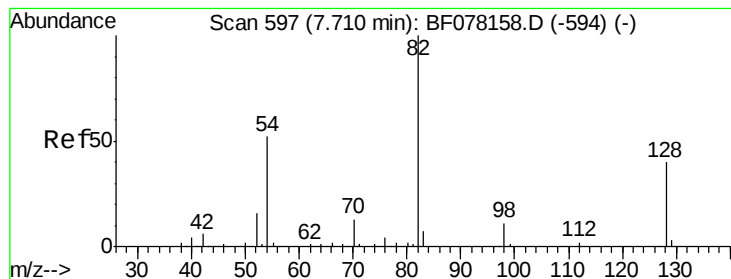
136 100

137 10.7 9.0 13.4

54 5.5 7.0 10.6#

68 4.7 5.4 8.2#





#23

Nitrobenzene-d5

Concen: 90.51 ng

RT: 7.53 min Scan# 555

Delta R.T. 0.00 min

Lab File: BF078496.D

Acq: 14 Apr 2015 10:22

Instrument :

BNA_F

ClientSampleId :

LS-SD05B

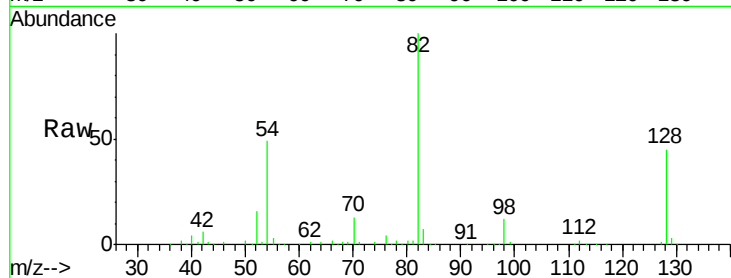
Tgt Ion: 82 Resp: 219640

Ion Ratio Lower Upper

82 100

128 44.7 31.8 47.8

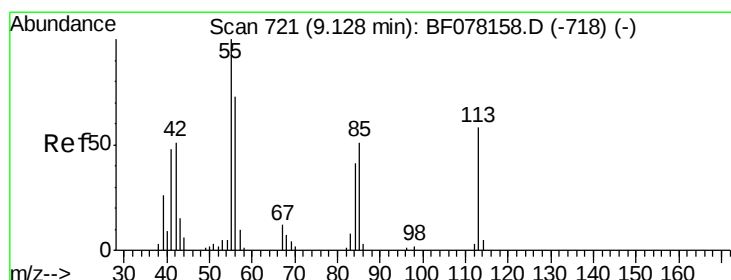
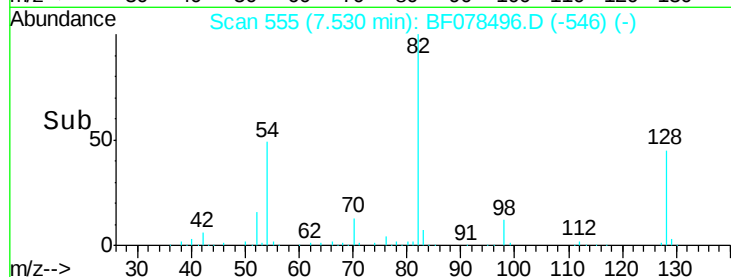
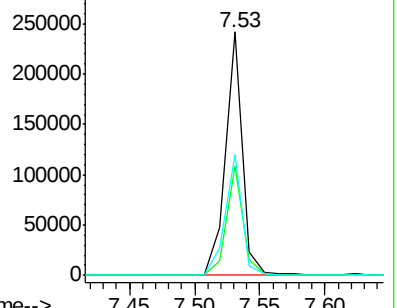
54 49.5 41.5 62.3



Abundance Ion 82.00 (81.70 to 82.70): BF078158.D (-594) (-)

Ion 128.00 (127.70 to 128.70): BF078158.D (-594) (-)

Ion 54.00 (53.70 to 54.70): BF078158.D (-594) (-)



#35

Caprolactam

Concen: 3.84 ng

RT: 8.99 min Scan# 683

Delta R.T. 0.02 min

Lab File: BF078496.D

Acq: 14 Apr 2015 10:22

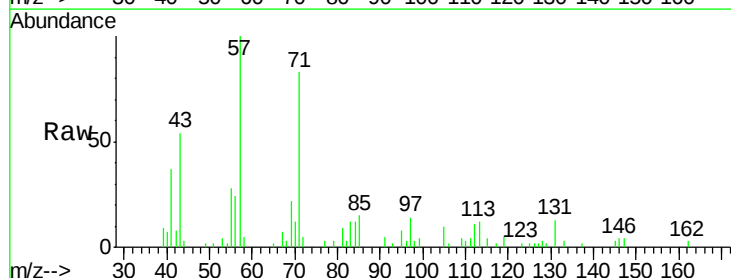
Tgt Ion: 113 Resp: 2343

Ion Ratio Lower Upper

113 100

55 232.8 151.9 191.9#

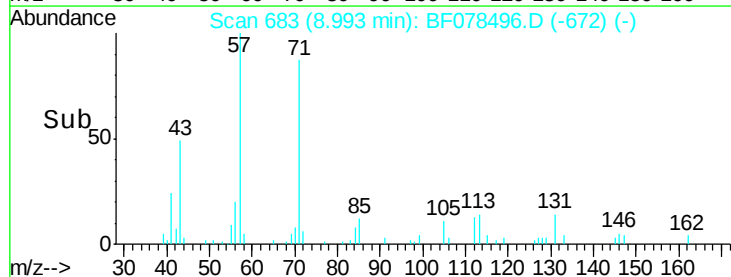
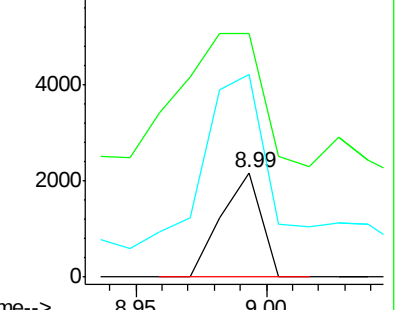
56 194.6 106.1 146.1#

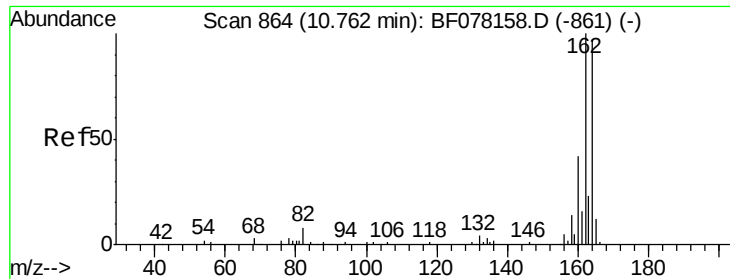


Abundance Ion 113.00 (112.70 to 113.70): BF078158.D (-718) (-)

Ion 55.00 (54.70 to 55.70): BF078158.D (-718) (-)

Ion 56.00 (55.70 to 56.70): BF078158.D (-718) (-)

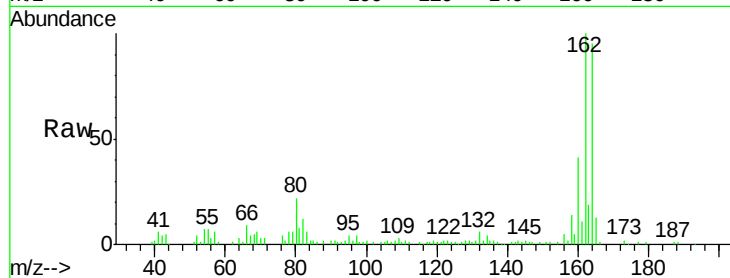




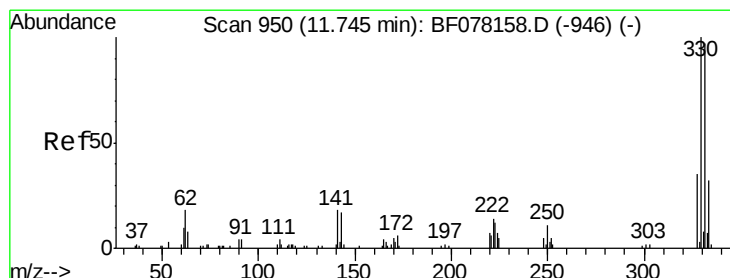
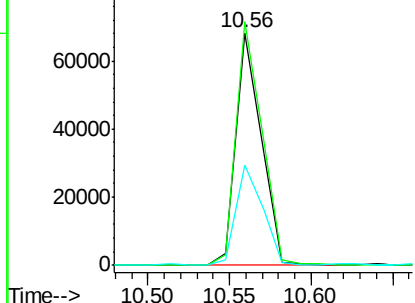
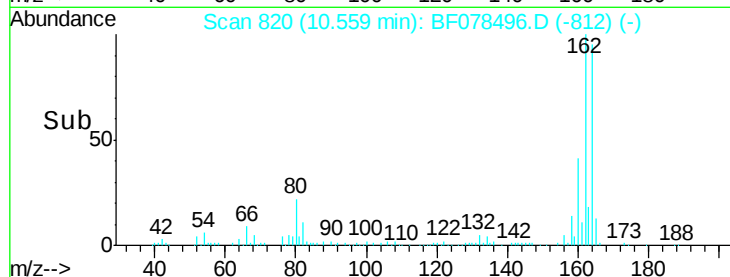
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.56 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BF078496.D
 Acq: 14 Apr 2015 10:22

Instrument :
 BNA_F
 ClientSampleId :
 LS-SD05B

Tgt Ion:164 Resp: 72549
 Ion Ratio Lower Upper
 164 100
 162 104.8 82.2 123.2
 160 43.2 34.7 52.1

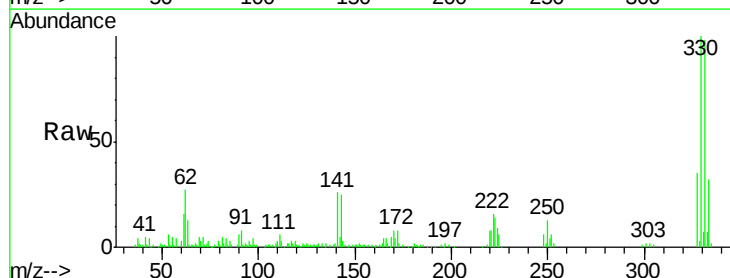


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

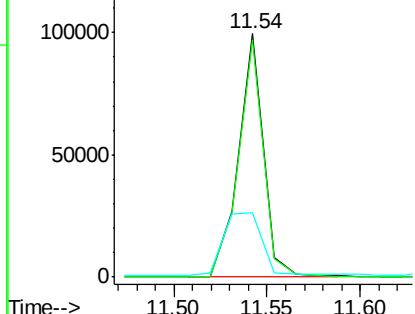
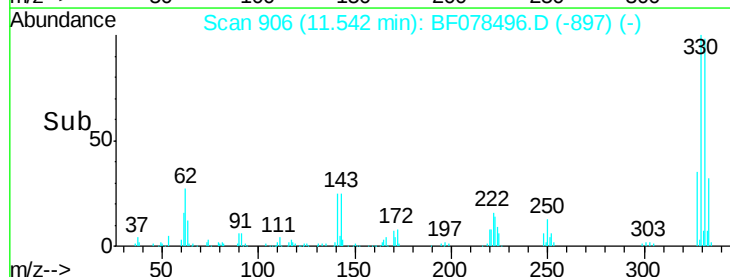


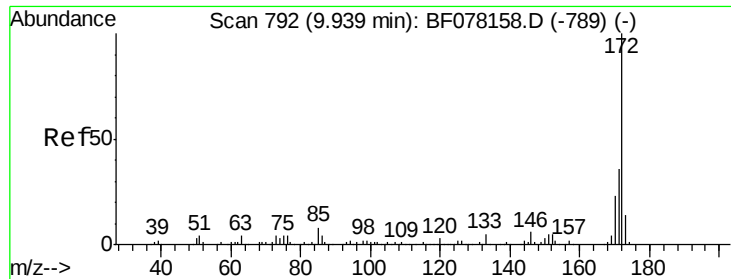
#41
 2,4,6-Tribromophenol
 Concen: 155.74 ng
 RT: 11.54 min Scan# 906
 Delta R.T. 0.00 min
 Lab File: BF078496.D
 Acq: 14 Apr 2015 10:22

Tgt Ion:330 Resp: 93708
 Ion Ratio Lower Upper
 330 100
 332 97.5 78.6 117.8
 141 39.3 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: 70.13 ng

RT: 9.76 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF078496.D

Acq: 14 Apr 2015 10:22

Instrument :

BNA_F

ClientSampleId :

LS-SD05B

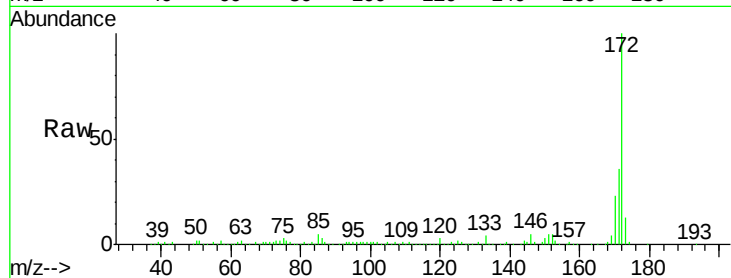
Tgt Ion:172 Resp: 355921

Ion Ratio Lower Upper

172 100

171 35.5 28.6 42.8

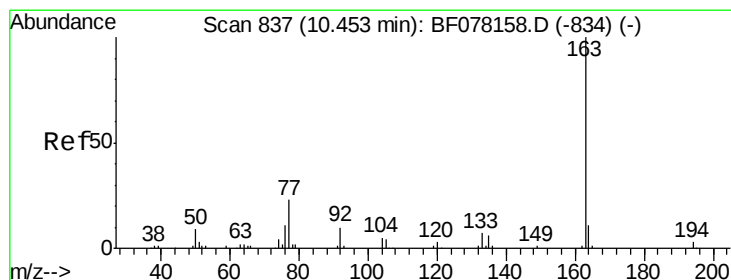
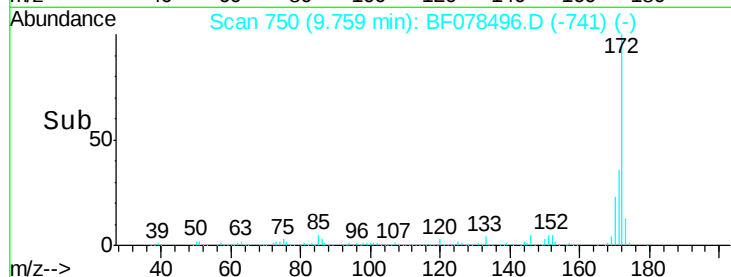
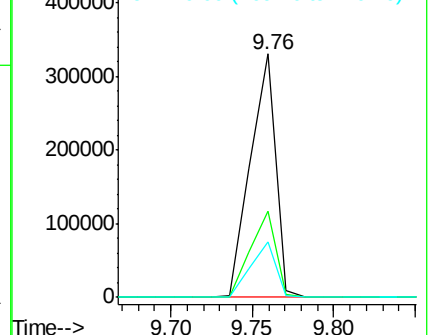
170 22.8 18.5 27.7



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: 4.02 ng

RT: 10.26 min Scan# 794

Delta R.T. -0.01 min

Lab File: BF078496.D

Acq: 14 Apr 2015 10:22

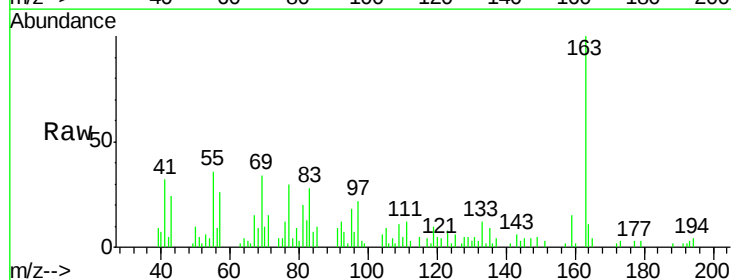
Tgt Ion:163 Resp: 21934

Ion Ratio Lower Upper

163 100

194 4.1 2.3 3.5#

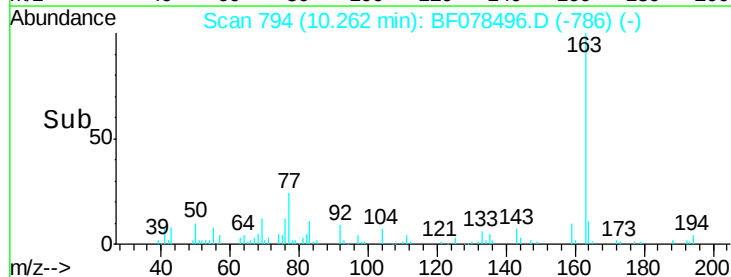
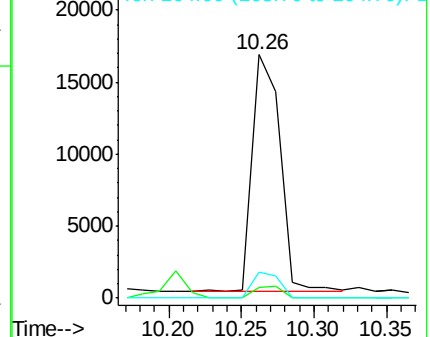
164 10.7 8.6 13.0

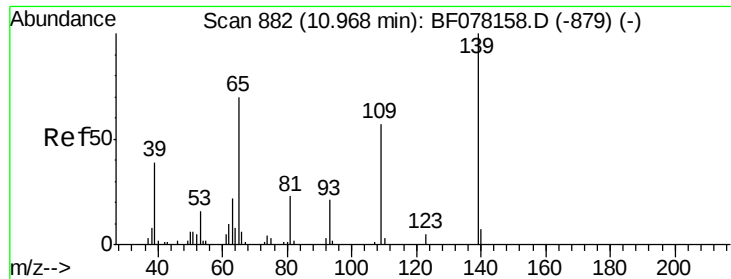


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

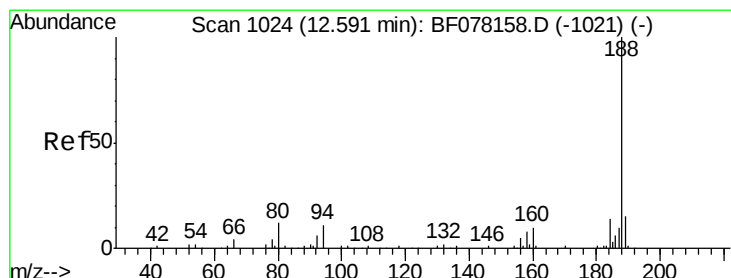
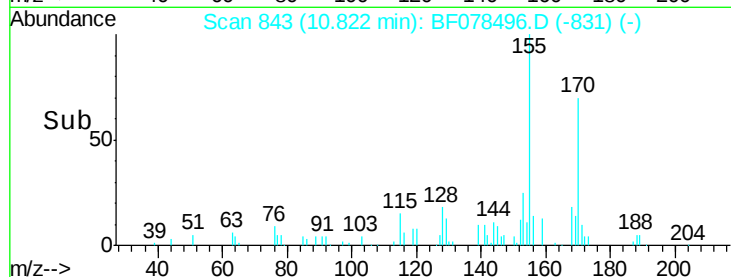
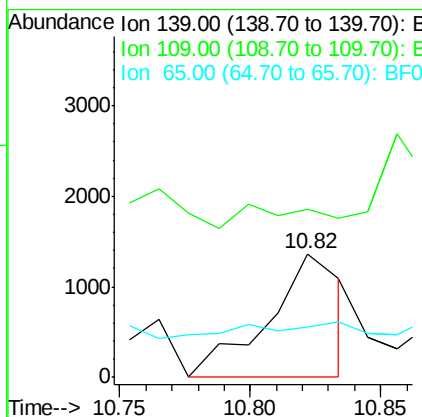
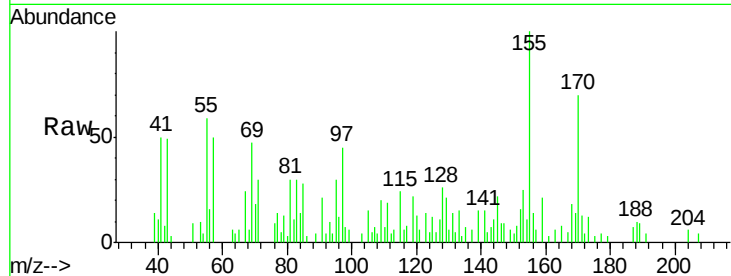




#55
 4-Nitrophenol
 Concen: 5.51 ng
 RT: 10.82 min Scan# 843
 Delta R.T. 0.03 min
 Lab File: BF078496.D
 Acq: 14 Apr 2015 10:22

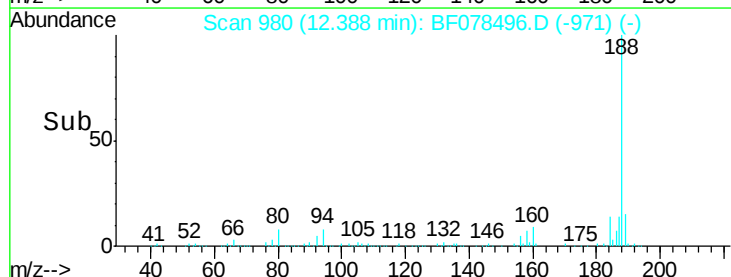
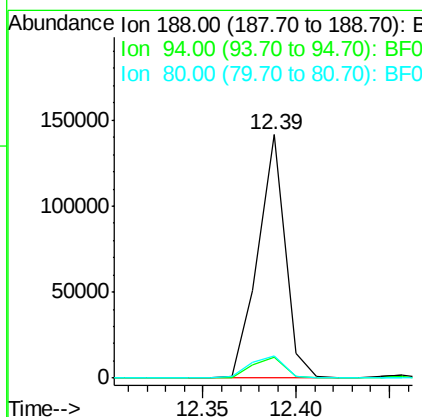
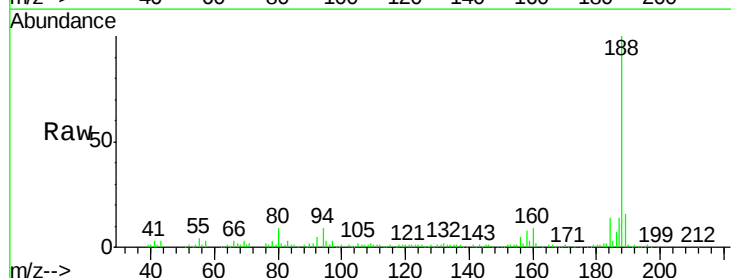
Instrument :
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 ClientSampleId :
 LS-SD05B

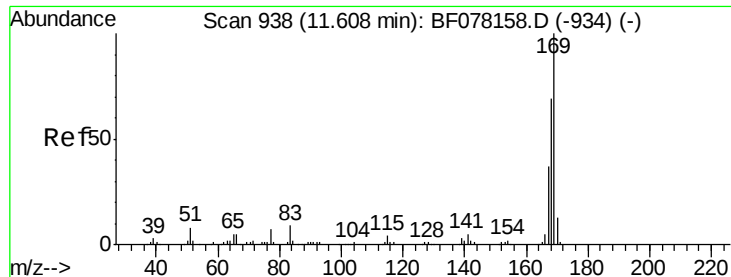
Tgt Ion:139 Resp: 2670
 Ion Ratio Lower Upper
 139 100
 109 136.2 36.7 76.7#
 65 41.2 49.9 89.9#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.39 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: BF078496.D
 Acq: 14 Apr 2015 10:22

Tgt Ion:188 Resp: 142621
 Ion Ratio Lower Upper
 188 100
 94 8.6 9.0 13.4#
 80 8.9 9.5 14.3#

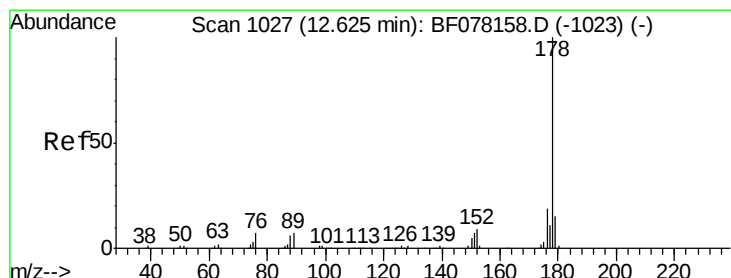
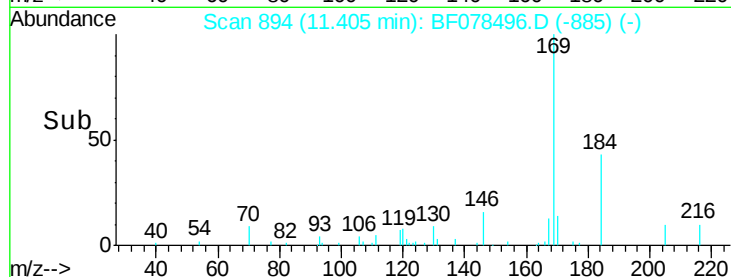
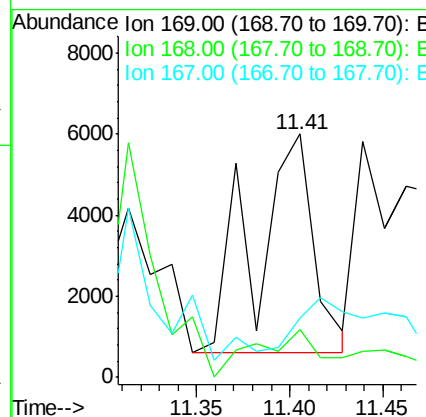
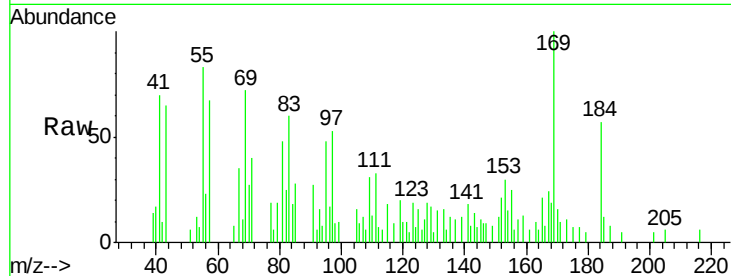




#65
 n-Nitrosodiphenylamine
 Concen: 2.37 ng
 RT: 11.41 min Scan# 894
 Delta R.T. 0.00 min
 Lab File: BF078496.D
 Acq: 14 Apr 2015 10:22

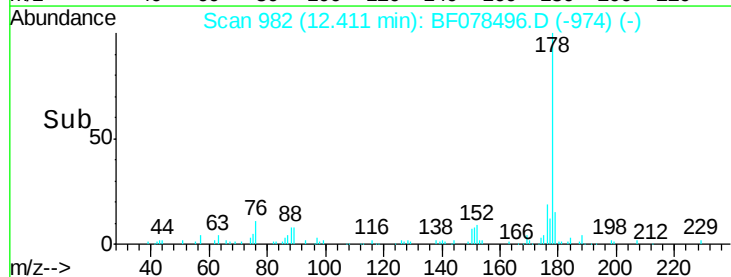
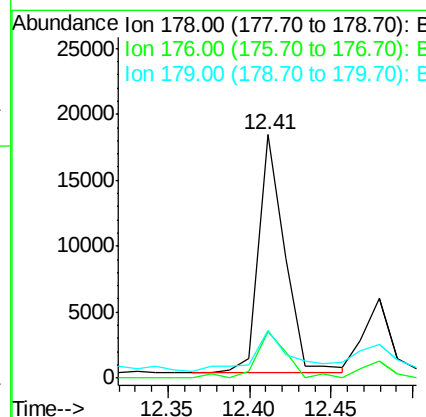
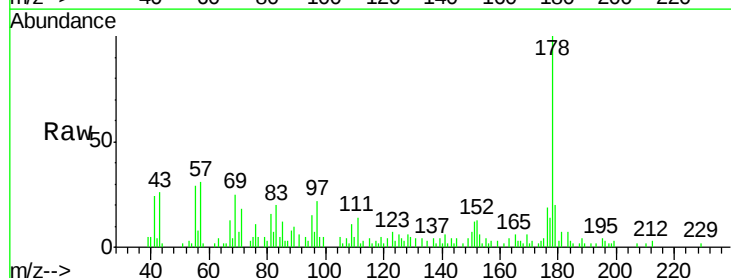
Instrument :
 BNA_F
 ClientSampleId :
 LS-SD05B

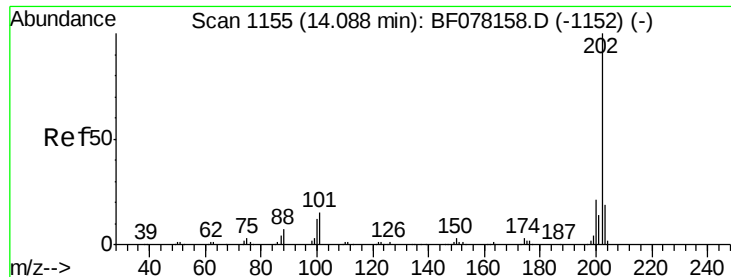
Tgt Ion:169 Resp: 11690
 Ion Ratio Lower Upper
 169 100
 168 19.5 55.0 82.4#
 167 24.3 29.3 43.9#



#70
 Phenanthrene
 Concen: 2.45 ng
 RT: 12.41 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: BF078496.D
 Acq: 14 Apr 2015 10:22

Tgt Ion:178 Resp: 20182
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.4 23.0
 179 19.7 12.2 18.2#





#74

Fluoranthene

Concen: 2.57 ng

RT: 13.87 min Scan# 1110

Delta R.T. 0.00 min

Lab File: BF078496.D

Acq: 14 Apr 2015 10:22

Instrument :

BNA_F

ClientSampleId :

LS-SD05B

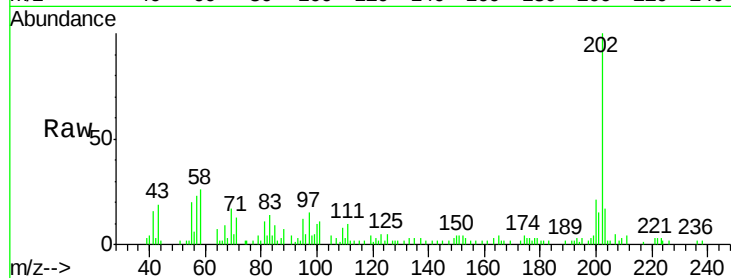
Tgt Ion:202 Resp: 22327

Ion Ratio Lower Upper

202 100

101 10.8 0.0 35.2

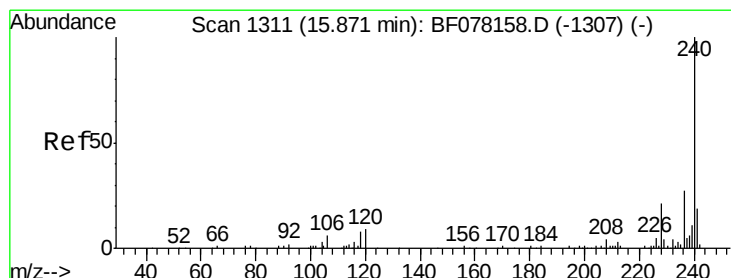
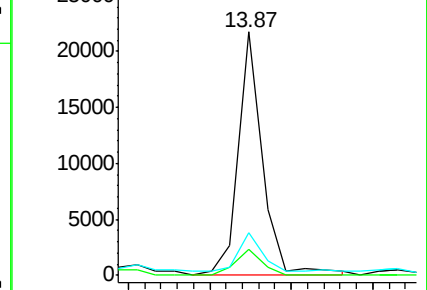
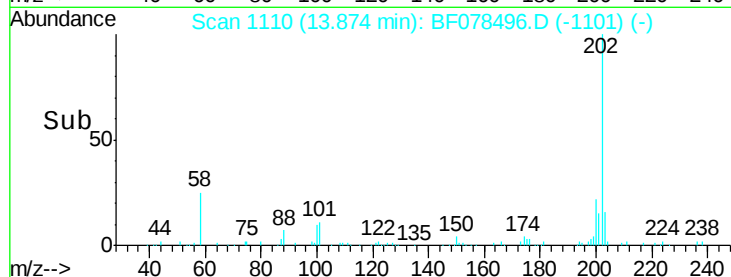
203 17.4 0.0 38.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.65 min Scan# 1265

Delta R.T. 0.00 min

Lab File: BF078496.D

Acq: 14 Apr 2015 10:22

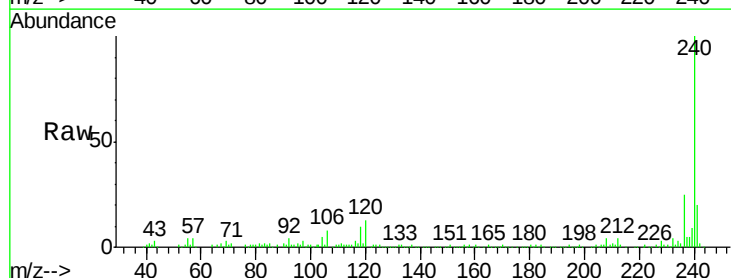
Tgt Ion:240 Resp: 152734

Ion Ratio Lower Upper

240 100

120 12.6 7.1 10.7#

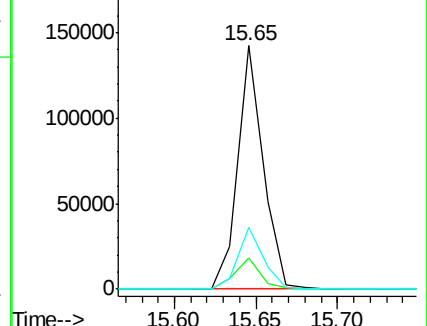
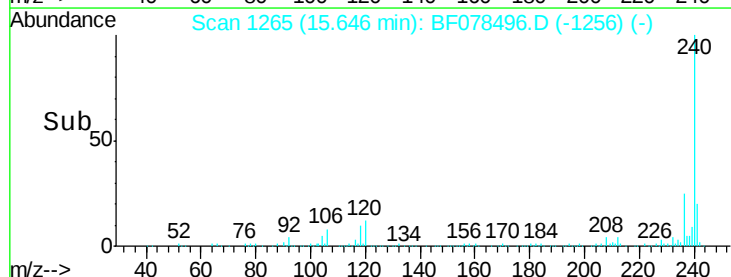
236 25.3 21.4 32.2

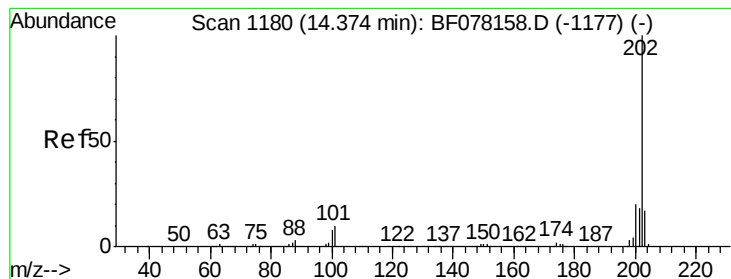


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 2.35 ng

RT: 14.15 min Scan# 1134

Delta R.T. 0.00 min

Lab File: BF078496.D

Acq: 14 Apr 2015 10:22

Instrument :

BNA_F

ClientSampleId :

LS-SD05B

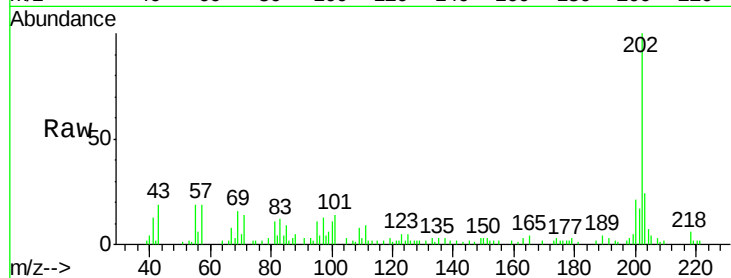
Tgt Ion: 202 Resp: 22568

Ion Ratio Lower Upper

202 100

200 20.8 16.3 24.5

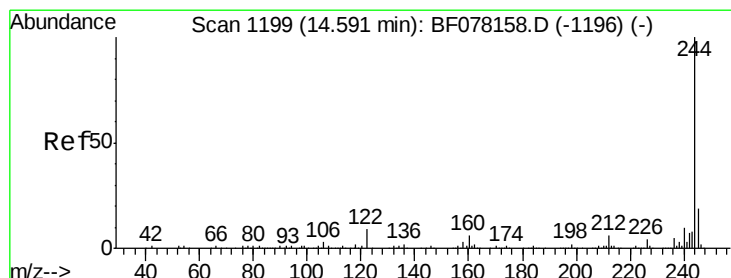
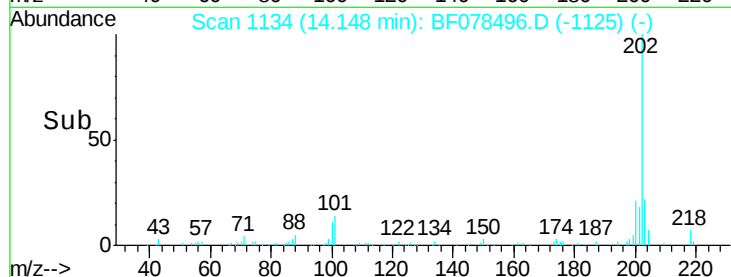
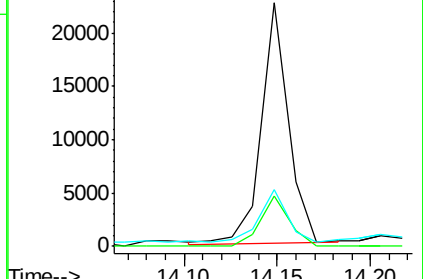
203 23.5 13.8 20.6#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 58.33 ng

RT: 14.38 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BF078496.D

Acq: 14 Apr 2015 10:22

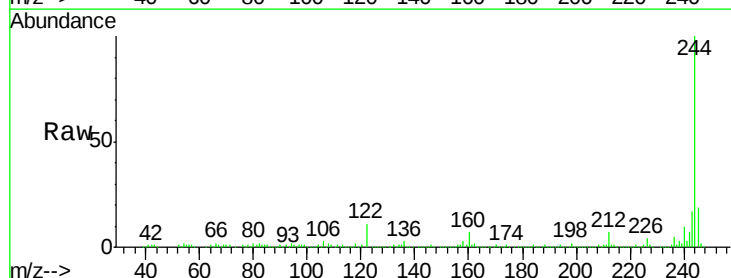
Tgt Ion: 244 Resp: 394239

Ion Ratio Lower Upper

244 100

212 6.6 5.0 7.4

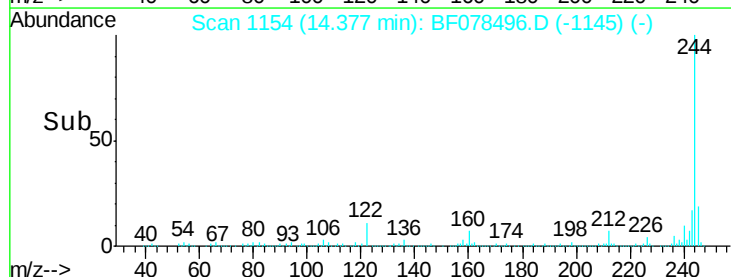
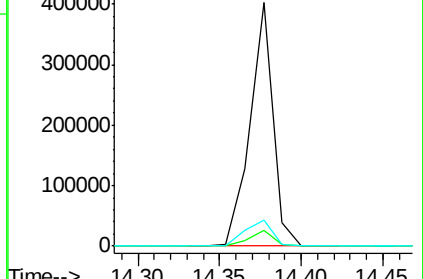
122 10.6 7.1 10.7

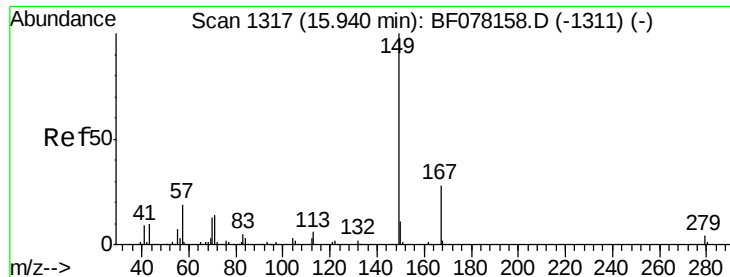


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 10.73 ng

RT: 15.74 min Scan# 1273

Delta R.T. 0.01 min

Lab File: BF078496.D

Acq: 14 Apr 2015 10:22

Instrument :

BNA_F

ClientSampleId :

LS-SD05B

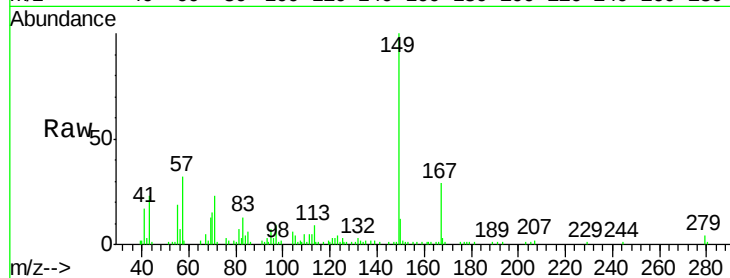
Tgt Ion:149 Resp: 61525

Ion Ratio Lower Upper

149 100

167 28.9 22.2 33.2

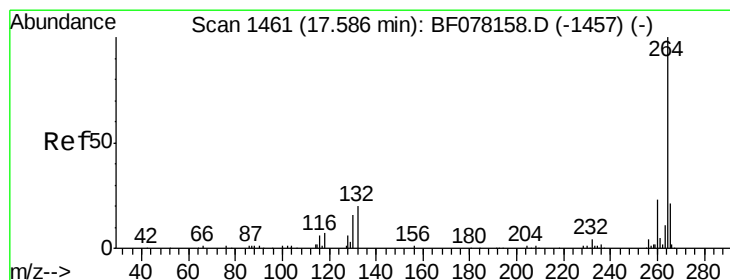
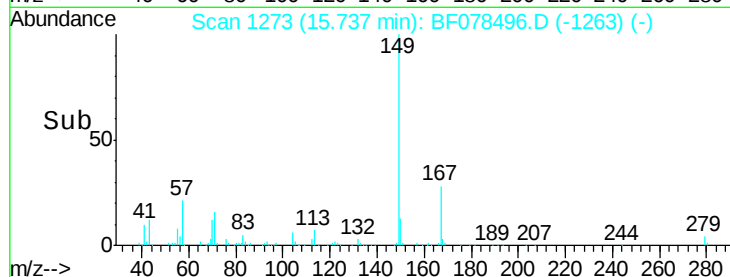
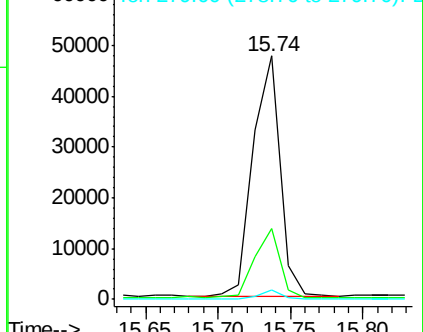
279 3.9 3.2 4.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 17.39 min Scan# 1418

Delta R.T. 0.10 min

Lab File: BF078496.D

Acq: 14 Apr 2015 10:22

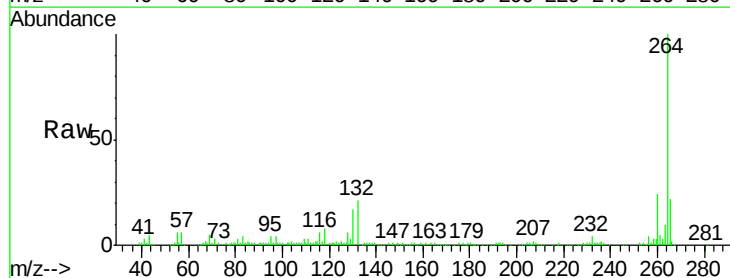
Tgt Ion:264 Resp: 150845

Ion Ratio Lower Upper

264 100

260 23.7 18.6 27.8

265 22.0 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

