

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041015\
 Data File : BF078413.D
 Acq On : 10 Apr 2015 21:49
 Operator : TP/IZ
 Sample : G1791-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LS-SD04B

Quant Time: Apr 11 00:53:38 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

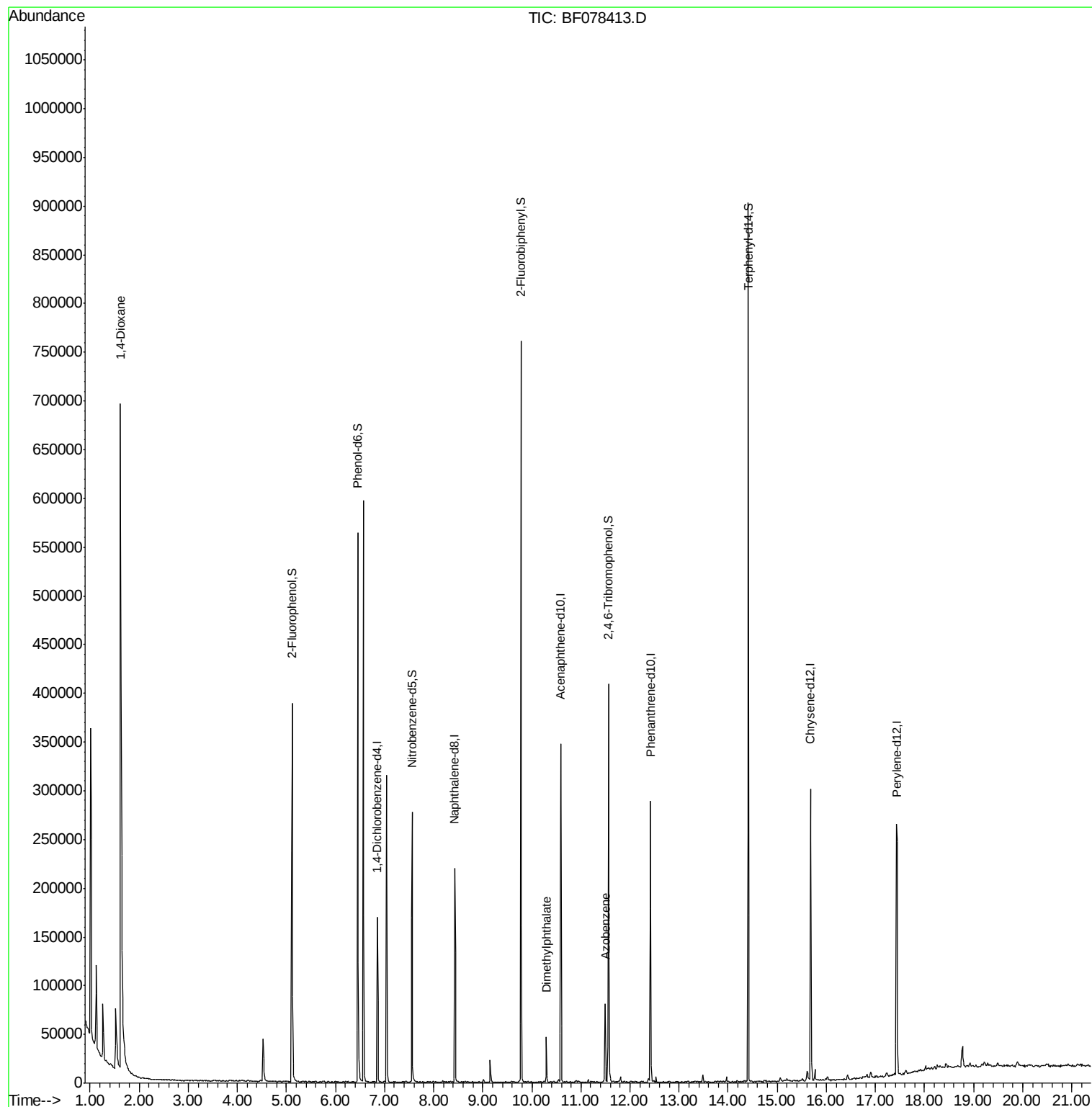
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	31397	20.00	ng	-0.01
21) Naphthalene-d8	8.43	136	128248	20.00	ng	-0.01
38) Acenaphthene-d10	10.59	164	69869	20.00	ng	0.00
63) Phenanthrene-d10	12.42	188	141338	20.00	ng	0.00
75) Chrysene-d12	15.68	240	157800	20.00	ng	-0.01
86) Perylene-d12	17.44	264	149361	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	156546	82.21	ng	0.00
7) Phenol-d6	6.45	99	199965	83.79	ng	-0.01
23) Nitrobenzene-d5	7.56	82	115454	54.57	ng	0.00
41) 2,4,6-Tribromophenol	11.56	330	51406	88.71	ng	-0.01
44) 2-Fluorobiphenyl	9.78	172	245472	50.22	ng	0.00
78) Terphenyl-d14	14.41	244	333596	47.77	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.62	88	29932	34.76	ng	# 23
49) Dimethylphthalate	10.29	163	20656	3.94	ng	# 99
62) Azobenzene	11.49	77	15547	3.37	ng	# 1

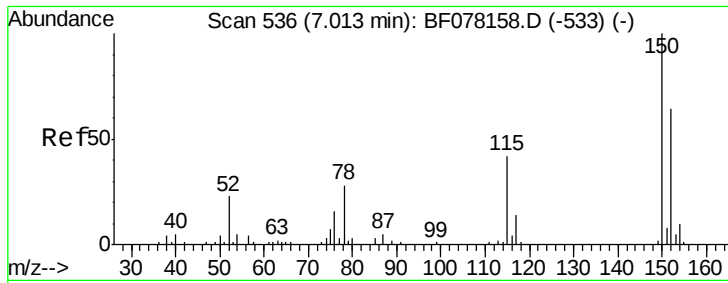
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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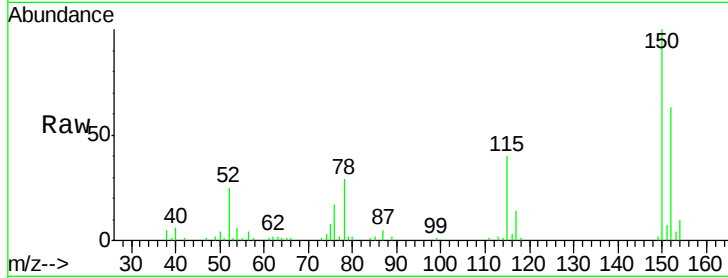


#1

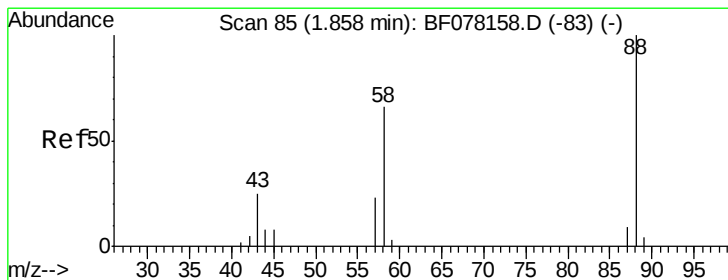
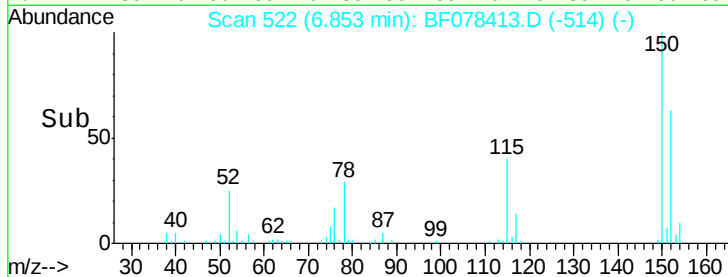
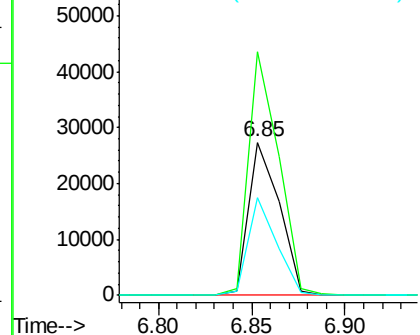
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF078413.D
Acq: 10 Apr 2015 21:49

Instrument :
BNA_F
ClientSampleId :
LS-SD04B

Tgt Ion:152 Resp: 31397
Ion Ratio Lower Upper
152 100
150 158.8 125.9 188.9
115 63.5 52.7 79.1



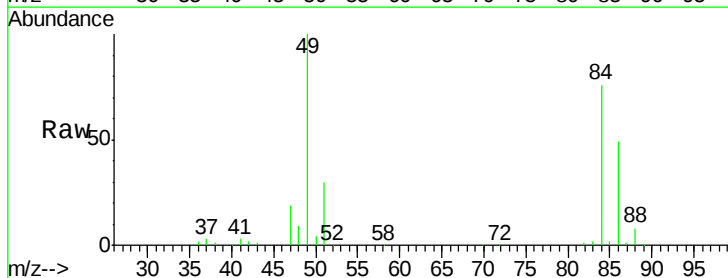
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



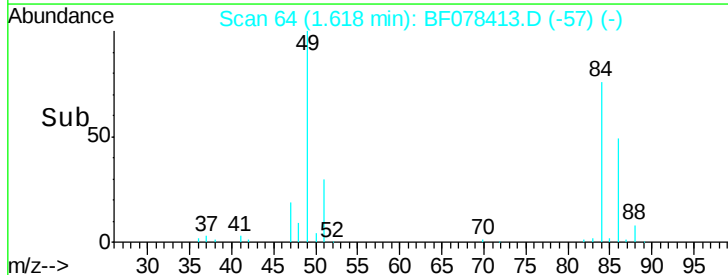
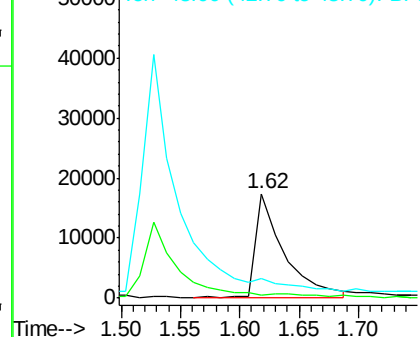
#2

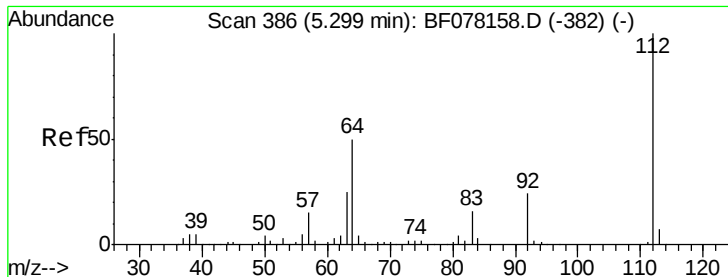
1,4-Dioxane
Concen: 34.76 ng
RT: 1.62 min Scan# 64
Delta R.T. -0.02 min
Lab File: BF078413.D
Acq: 10 Apr 2015 21:49

Tgt Ion: 88 Resp: 29932
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: 82.21 ng

RT: 5.12 min Scan# 370

Delta R.T. 0.00 min

Lab File: BF078413.D

Acq: 10 Apr 2015 21:49

Instrument :

BNA_F

ClientSampleId :

LS-SD04B

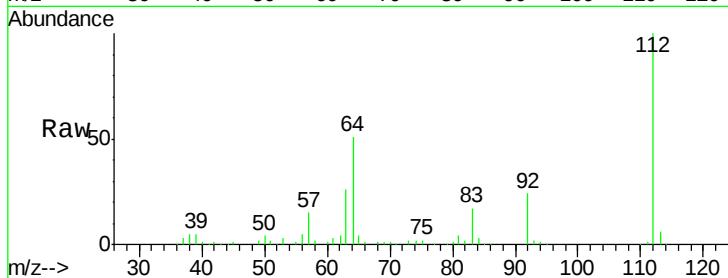
Tgt Ion: 112 Resp: 156546

Ion Ratio Lower Upper

112 100

64 51.2 39.9 59.9

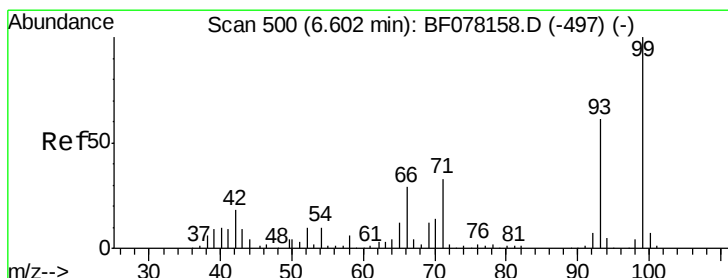
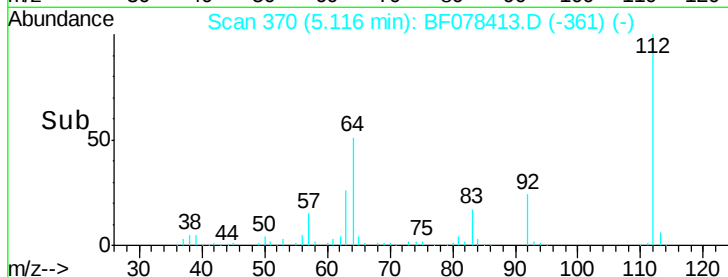
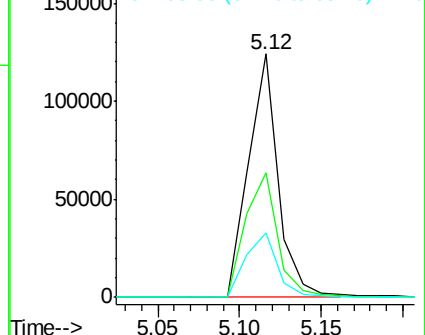
63 26.3 20.2 30.4



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: 83.79 ng

RT: 6.45 min Scan# 487

Delta R.T. -0.01 min

Lab File: BF078413.D

Acq: 10 Apr 2015 21:49

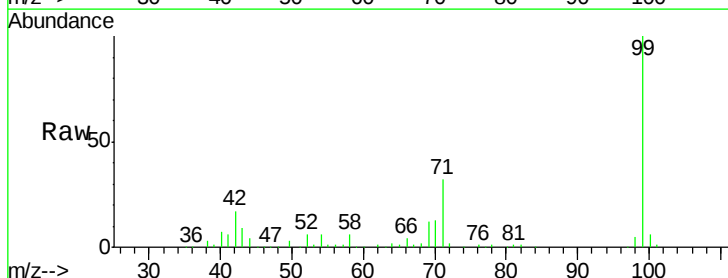
Tgt Ion: 99 Resp: 199965

Ion Ratio Lower Upper

99 100

42 16.8 14.8 22.2

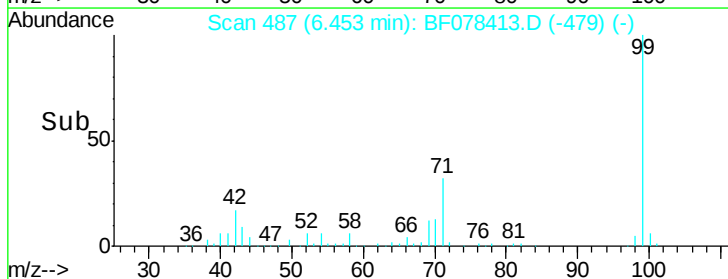
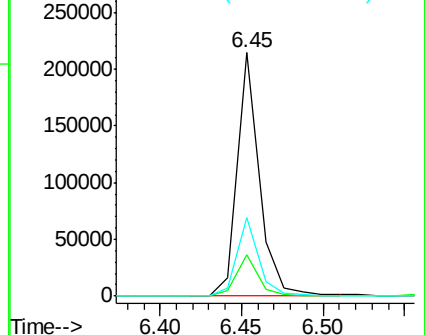
71 32.5 26.6 39.8



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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.43 min Scan# 660

Delta R.T. -0.01 min

Lab File: BF078413.D

Acq: 10 Apr 2015 21:49

Instrument :

BNA_F

ClientSampleId :

LS-SD04B

Tgt Ion:136 Resp: 128248

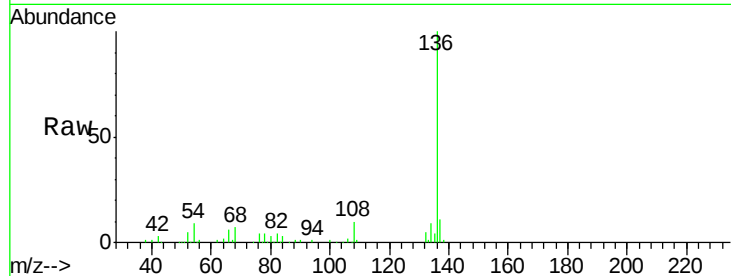
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 8.7 7.0 10.6

68 6.8 5.4 8.2

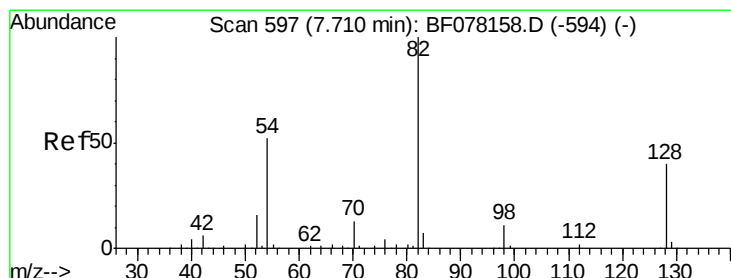
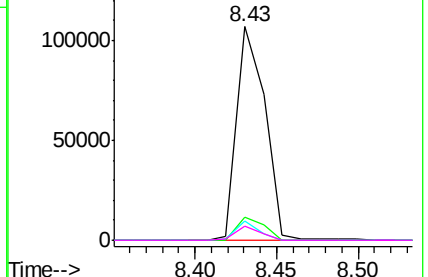
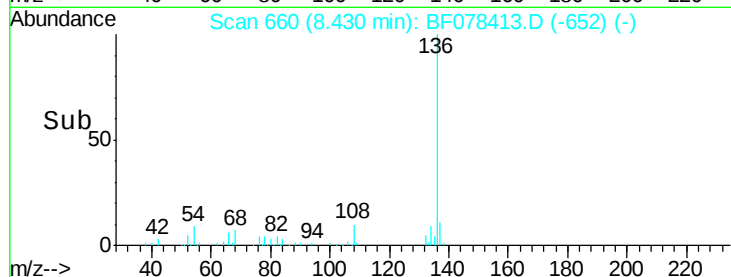


Abundance Ion 136.00 (135.70 to 136.70): E

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: 54.57 ng

RT: 7.56 min Scan# 584

Delta R.T. 0.00 min

Lab File: BF078413.D

Acq: 10 Apr 2015 21:49

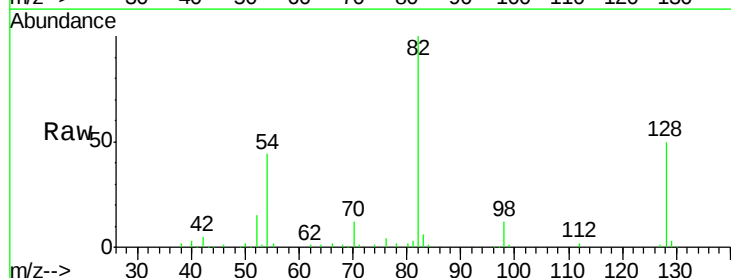
Tgt Ion: 82 Resp: 115454

Ion Ratio Lower Upper

82 100

128 50.1 31.8 47.8#

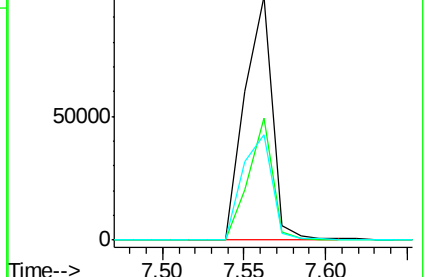
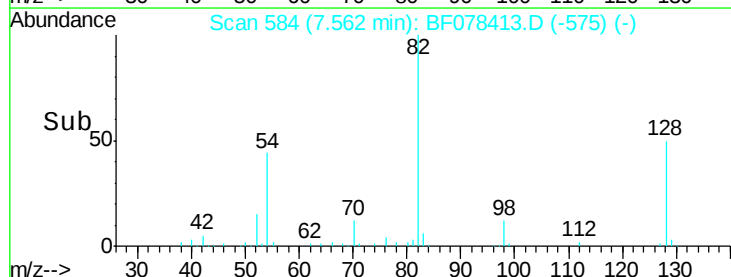
54 43.5 41.5 62.3

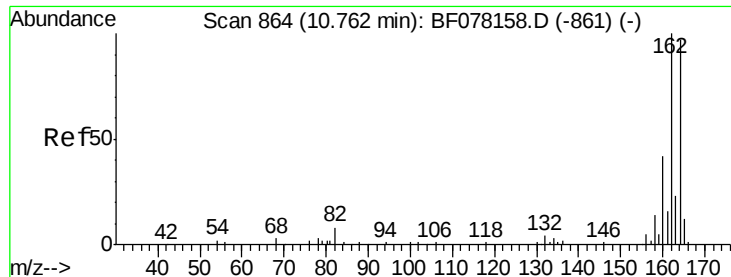


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

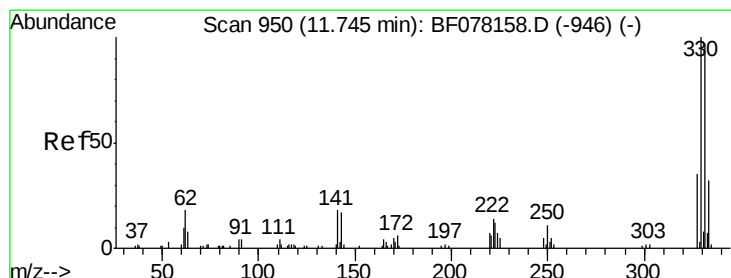
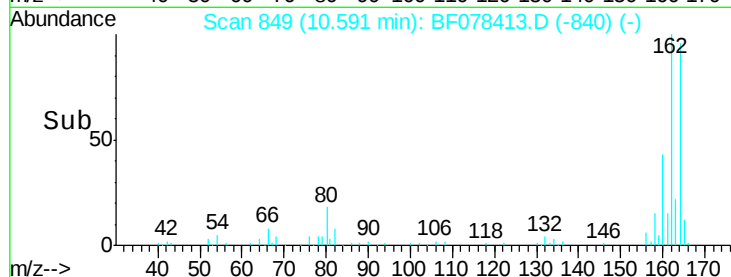
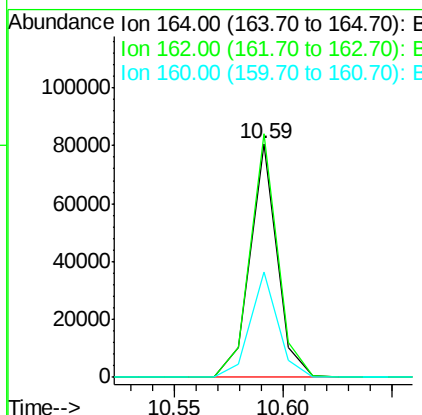
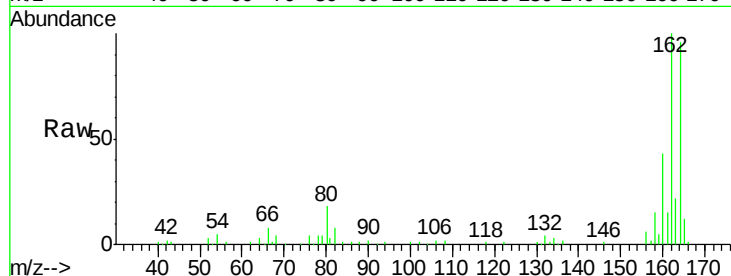




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.59 min Scan# 849
 Delta R.T. 0.00 min
 Lab File: BF078413.D
 Acq: 10 Apr 2015 21:49

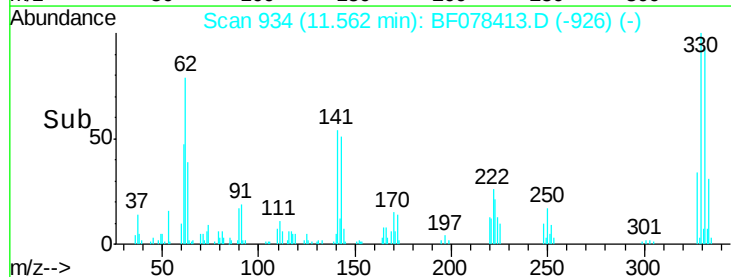
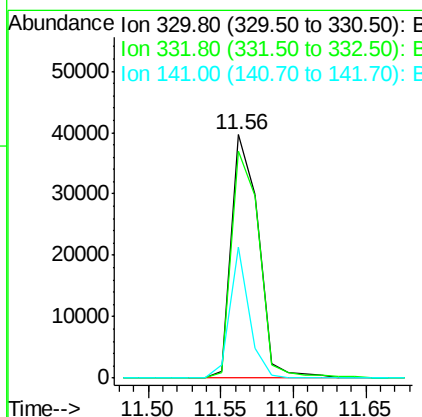
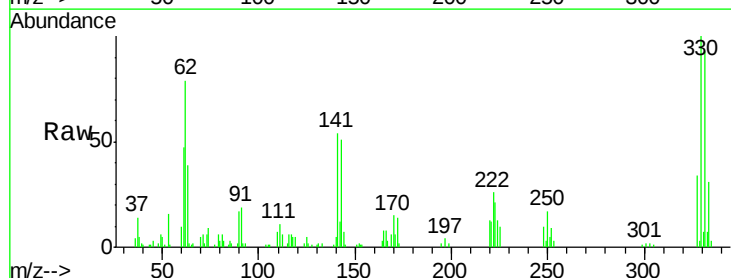
Instrument :
 BNA_F
 ClientSampleId :
 LS-SD04B

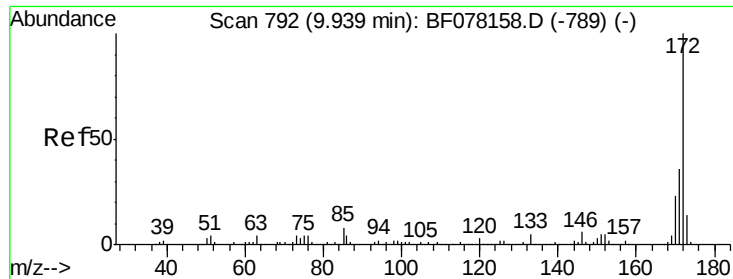
Tgt Ion:164 Resp: 69869
 Ion Ratio Lower Upper
 164 100
 162 104.1 82.2 123.2
 160 44.9 34.7 52.1



#41
 2,4,6-Tribromophenol
 Concen: 88.71 ng
 RT: 11.56 min Scan# 934
 Delta R.T. -0.01 min
 Lab File: BF078413.D
 Acq: 10 Apr 2015 21:49

Tgt Ion:330 Resp: 51406
 Ion Ratio Lower Upper
 330 100
 332 95.8 78.6 117.8
 141 38.7 31.2 46.8

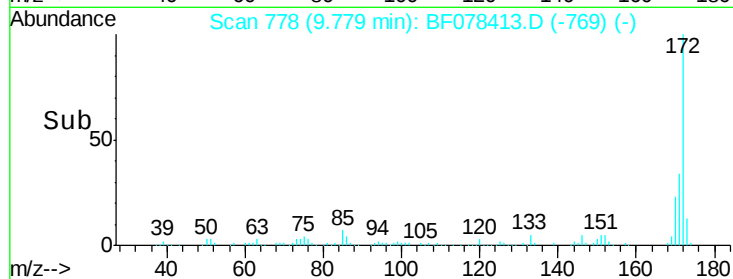
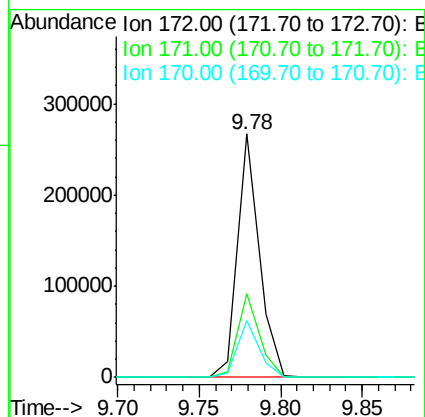
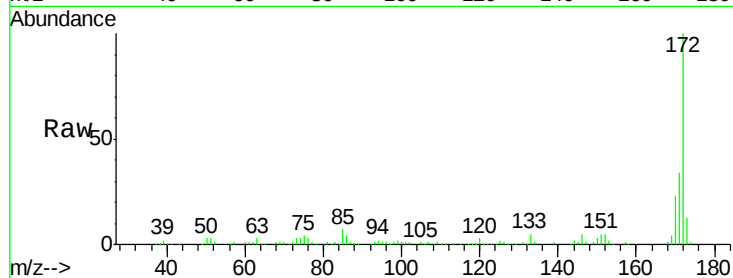




#44
 2-Fluorobiphenyl
 Concen: 50.22 ng
 RT: 9.78 min Scan# 778
 Delta R.T. 0.00 min
 Lab File: BF078413.D
 Acq: 10 Apr 2015 21:49

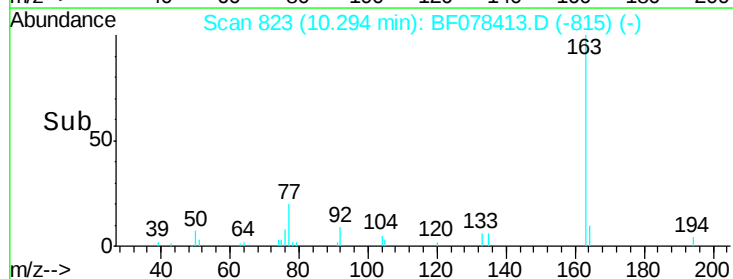
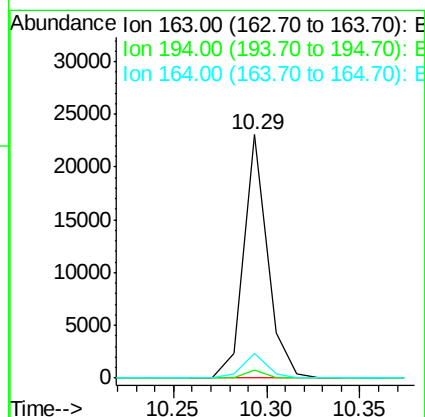
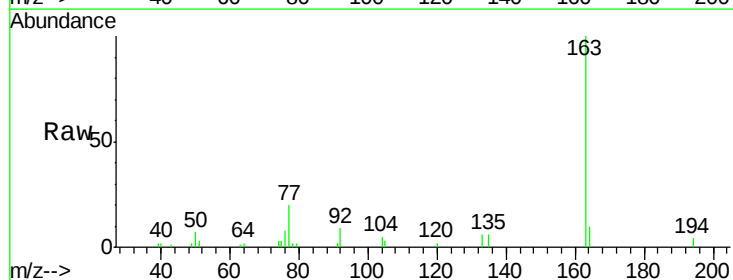
Instrument :
 BNA_F
 ClientSampleId :
 LS-SD04B

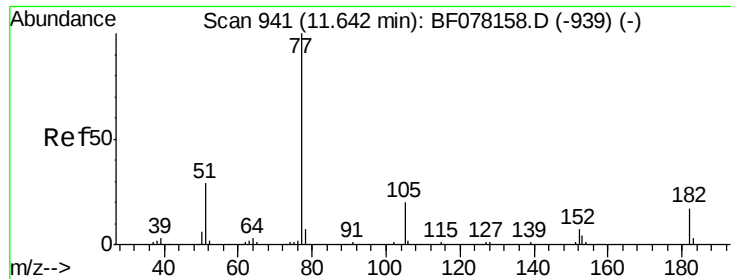
Tgt Ion:172 Resp: 245472
 Ion Ratio Lower Upper
 172 100
 171 34.4 28.6 42.8
 170 23.0 18.5 27.7



#49
 Dimethylphthalate
 Concen: 3.94 ng
 RT: 10.29 min Scan# 823
 Delta R.T. -0.01 min
 Lab File: BF078413.D
 Acq: 10 Apr 2015 21:49

Tgt Ion:163 Resp: 20656
 Ion Ratio Lower Upper
 163 100
 194 3.5 2.3 3.5#
 164 10.3 8.6 13.0





#62

Azobenzene

Concen: 3.37 ng

RT: 11.49 min Scan# 928

Delta R.T. 0.01 min

Lab File: BF078413.D

Acq: 10 Apr 2015 21:49

Instrument :

BNA_F

ClientSampleId :

LS-SD04B

Tgt Ion: 77 Resp: 15547

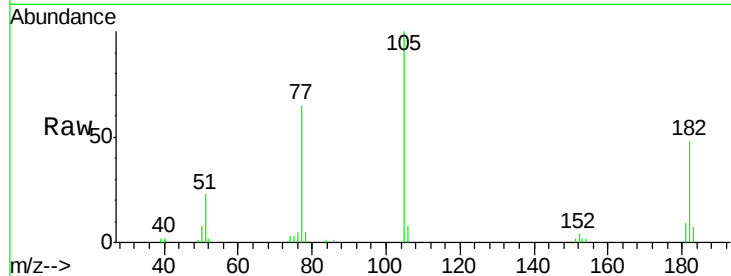
Ion Ratio Lower Upper

77 100

182 74.0 0.0 36.8#

105 154.3 0.3 40.3#

51 35.5 9.1 49.1



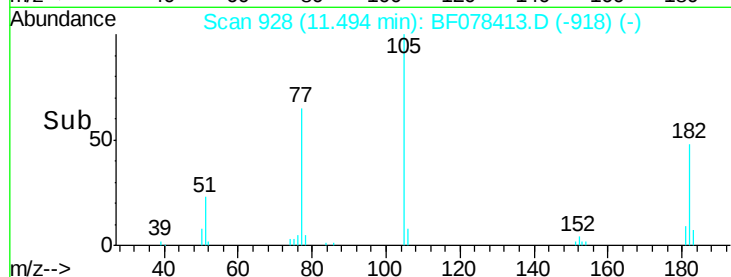
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

Time-->



Abundance

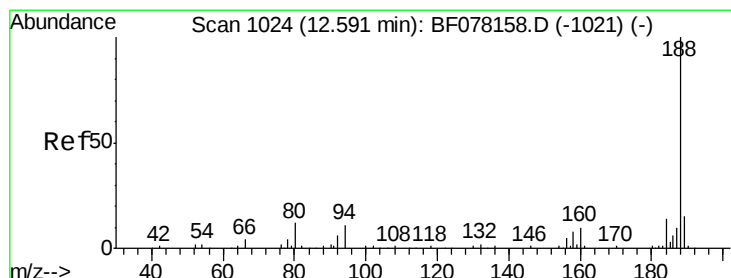
Ion 77.00 (76.70 to 77.70): BF0

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

Time-->



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.42 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BF078413.D

Acq: 10 Apr 2015 21:49

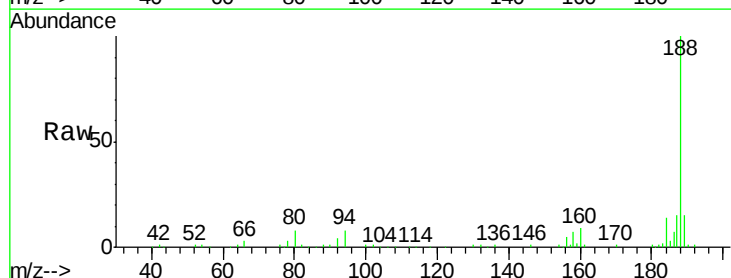
Tgt Ion: 188 Resp: 141338

Ion Ratio Lower Upper

188 100

94 7.9 9.0 13.4#

80 7.9 9.5 14.3#

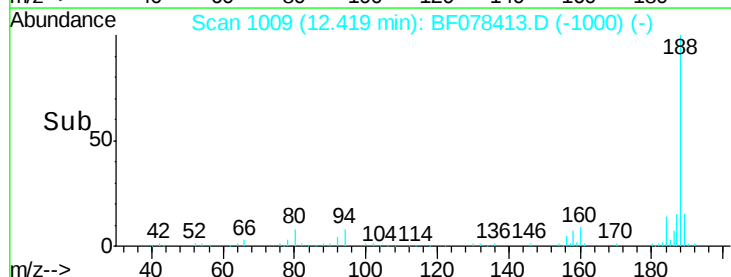


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

Time-->



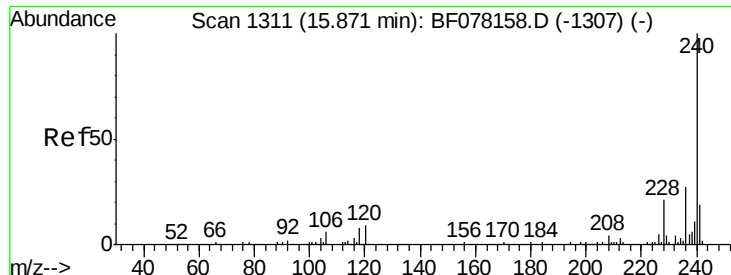
Abundance

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

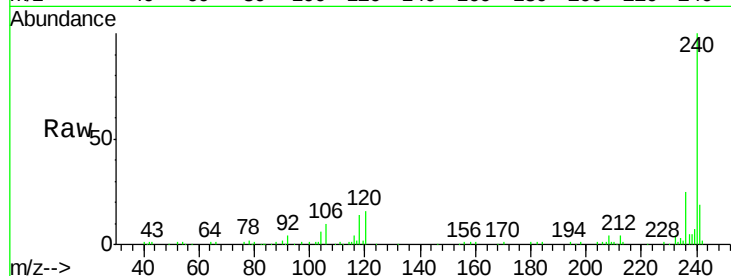
Time-->



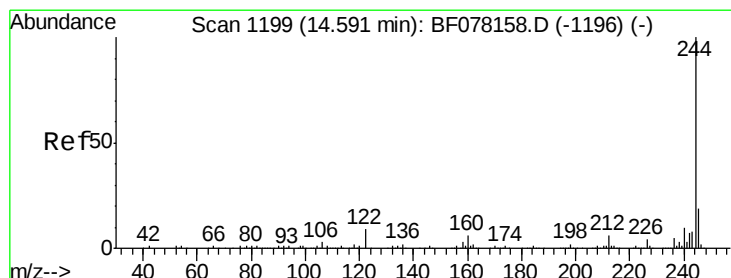
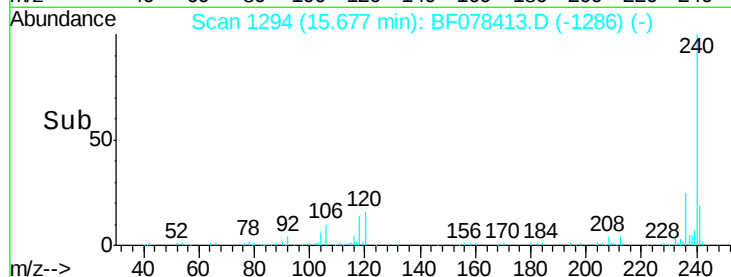
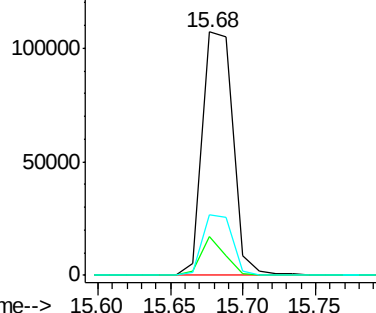
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.68 min Scan# 1294
 Delta R.T. -0.01 min
 Lab File: BF078413.D
 Acq: 10 Apr 2015 21:49

Instrument :
 BNA_F
 ClientSampled :
 LS-SD04B

Tgt Ion:240 Resp: 157800
 Ion Ratio Lower Upper
 240 100
 120 15.7 7.1 10.7#
 236 24.9 21.4 32.2

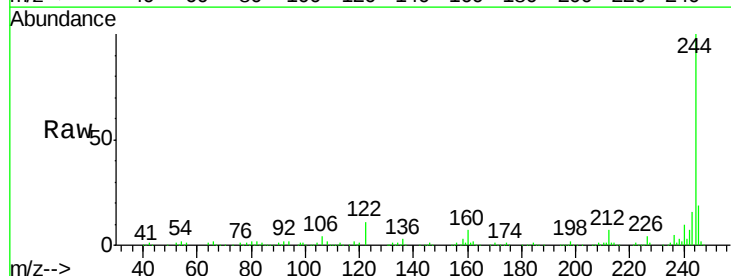


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

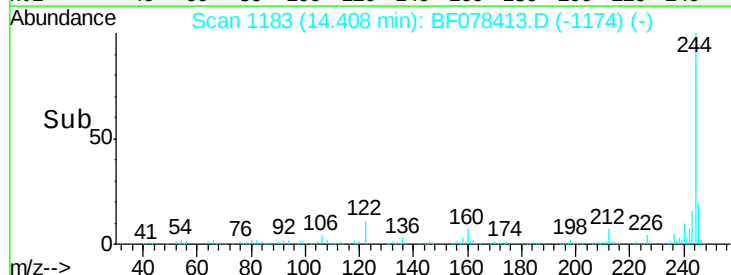
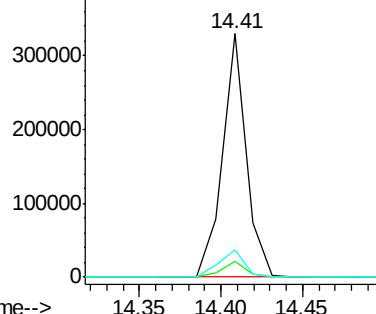


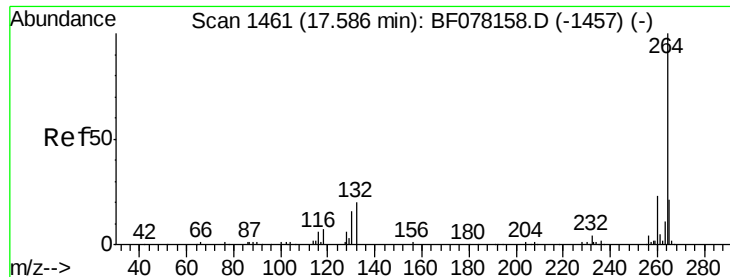
#78
 Terphenyl-d14
 Concen: 47.77 ng
 RT: 14.41 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BF078413.D
 Acq: 10 Apr 2015 21:49

Tgt Ion:244 Resp: 333596
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.0 7.4
 122 11.5 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

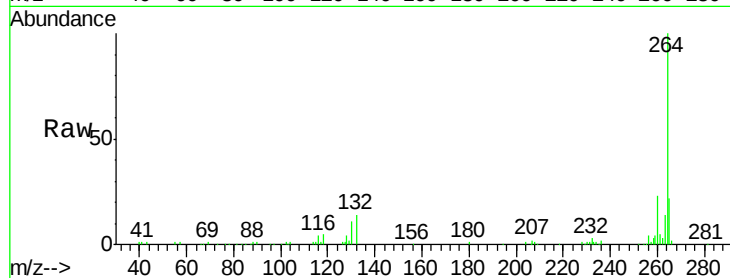




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.44 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BF078413.D
Acq: 10 Apr 2015 21:49

Instrument :
BNA_F
ClientSampleId :
LS-SD04B

Tgt Ion: 264 Resp: 149361
Ion Ratio Lower Upper
264 100
260 23.3 18.6 27.8
265 22.2 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

