

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072215\
 Data File : BF080576.D
 Acq On : 23 Jul 2015 2:04
 Operator : TP/UM
 Sample : G3027-13
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-11-1.0-1.5

Quant Time: Jul 23 05:49:49 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 23 05:13:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	31362	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	111191	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	47025	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	88606	20.00	ng	0.00
75) Chrysene-d12	14.24	240	56839	20.00	ng	-0.08
86) Perylene-d12	15.85	264	35191	20.00	ng	-0.17

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.54	112	270328	152.86	ng	0.01
7) Phenol-d6	6.57	99	374172	171.79	ng	0.00
23) Nitrobenzene-d5	7.52	82	205921	119.28	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	55305	155.80	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	351870	107.60	ng	0.00
78) Terphenyl-d14	13.09	244	300039	108.25	ng	-0.03

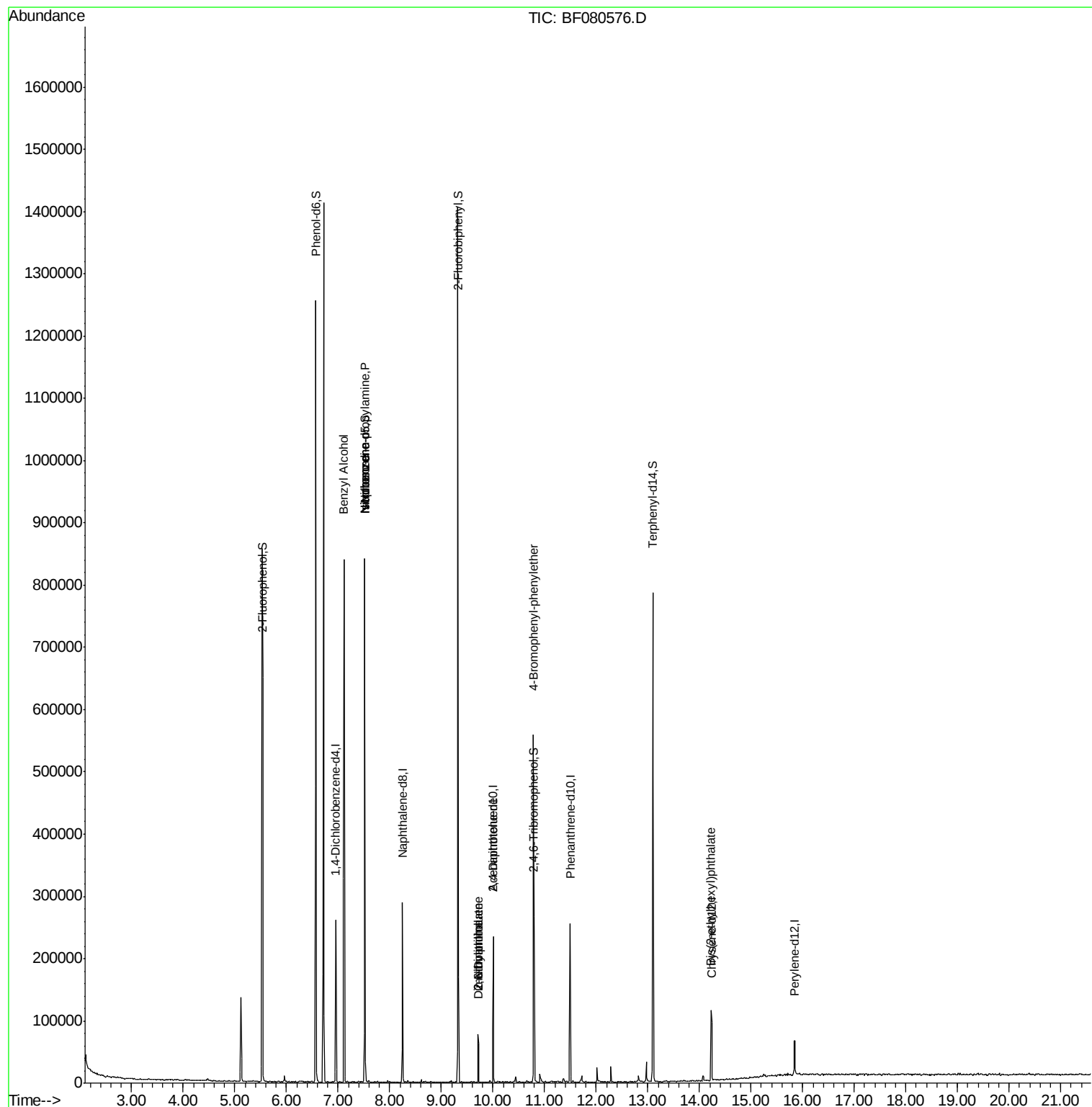
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	7.12	79	3919	2.17	ng	# 49
19) n-Nitroso-di-n-propylamine	7.52	70	29389	21.01	ng	# 77
24) Nitrobenzene	7.52	77	597	4.59	ng	# 34
25) Isophorone	7.52	82	189916	52.09	ng	# 66
47) 2-Nitroaniline	9.71	65	361	3.12	ng	# 1
49) Dimethylphthalate	9.72	163	40594	12.29	ng	# 98
50) 2,6-Dinitrotoluene	9.71	165	218	4.15	ng	# 1
56) 2,4-Dinitrotoluene	10.01	165	5785	16.07	ng	# 10
66) 4-Bromophenyl-phenylether	10.78	248	3903	4.58	ng	# 1
83) Bis(2-ethylhexyl)phthalate	14.23	149	964	3.51	ng	# 54

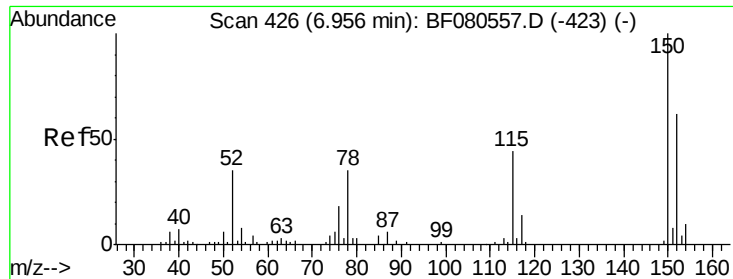
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SB-11-1.0-1.5

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QLast Update : Thu Jul 23 05:13:42 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.96 min Scan# 426

Delta R.T. 0.00 min

Lab File: BF080576.D

Acq: 23 Jul 2015 2:04

Instrument :

BNA_F

ClientSampleId :

SB-11-1.0-1.5

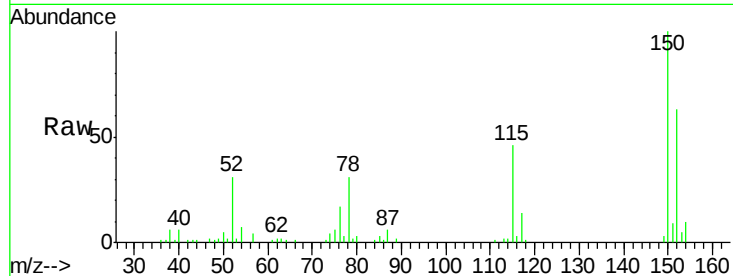
Tgt Ion:152 Resp: 31362

Ion Ratio Lower Upper

152 100

150 157.9 128.7 193.1

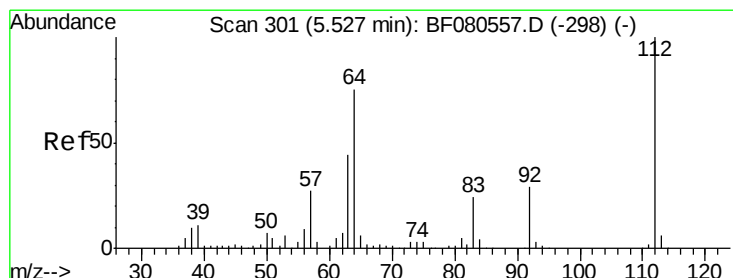
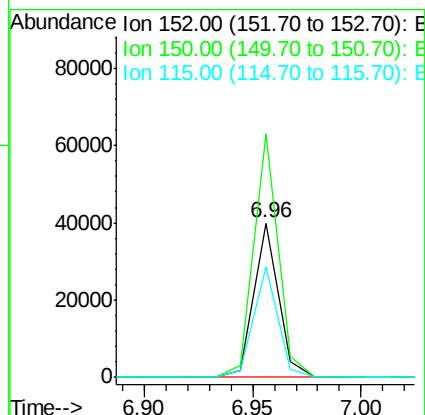
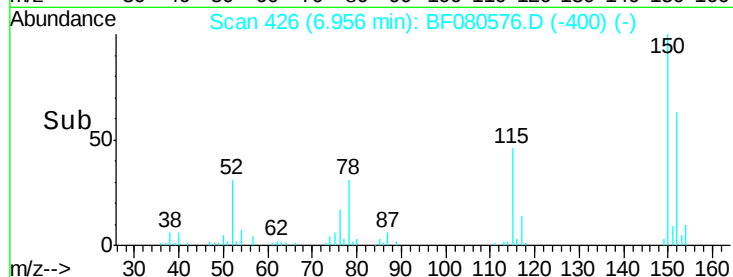
115 72.0 56.8 85.2



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: 152.86 ng

RT: 5.54 min Scan# 302

Delta R.T. 0.01 min

Lab File: BF080576.D

Acq: 23 Jul 2015 2:04

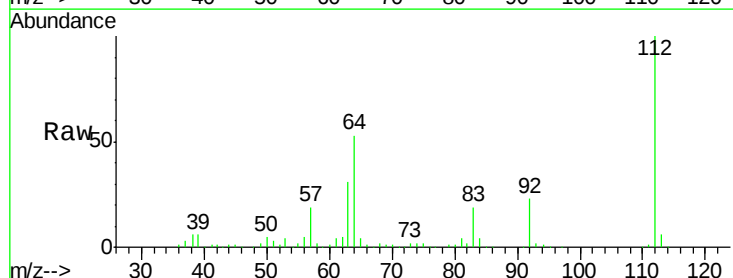
Tgt Ion:112 Resp: 270328

Ion Ratio Lower Upper

112 100

64 52.7 60.2 90.2#

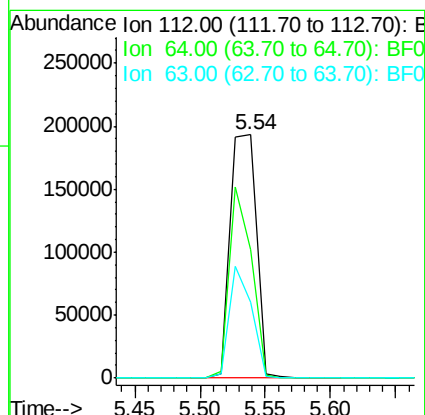
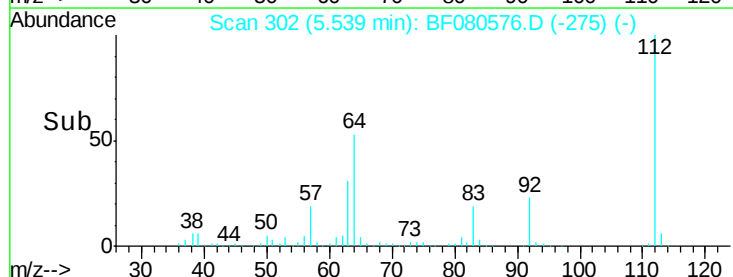
63 31.2 34.8 52.2#

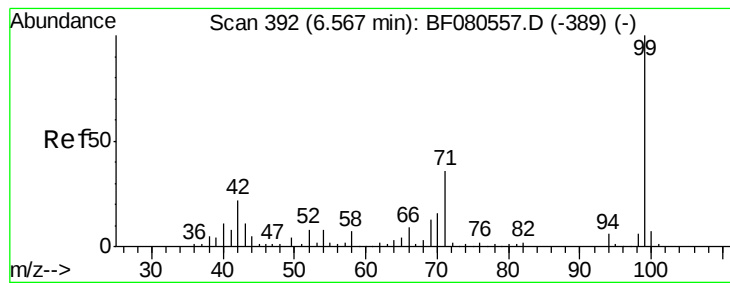


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 171.79 ng

RT: 6.57 min Scan# 392

Delta R.T. 0.00 min

Lab File: BF080576.D

Acq: 23 Jul 2015 2:04

Instrument :

BNA_F

ClientSampleId :

SB-11-1.0-1.5

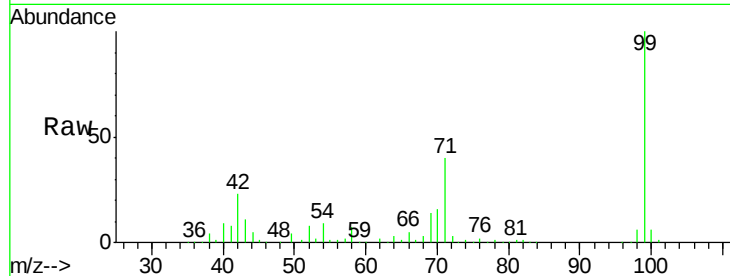
Tgt Ion: 99 Resp: 374172

Ion Ratio Lower Upper

99 100

42 23.3 17.4 26.2

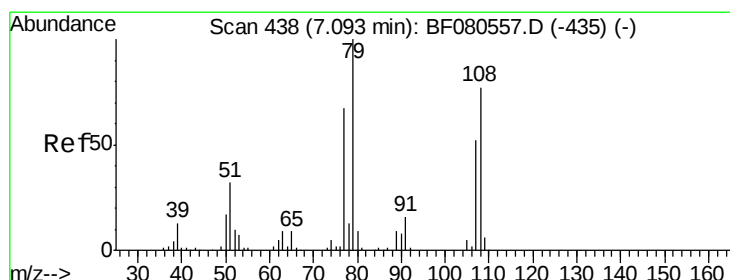
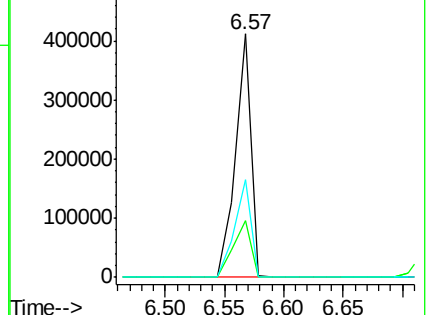
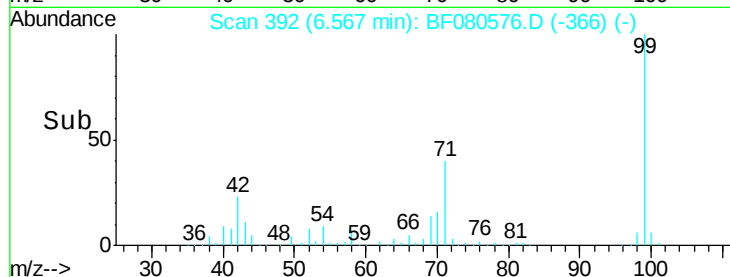
71 40.1 29.0 43.6



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



#15

Benzyl Alcohol

Concen: 2.17 ng

RT: 7.12 min Scan# 440

Delta R.T. 0.02 min

Lab File: BF080576.D

Acq: 23 Jul 2015 2:04

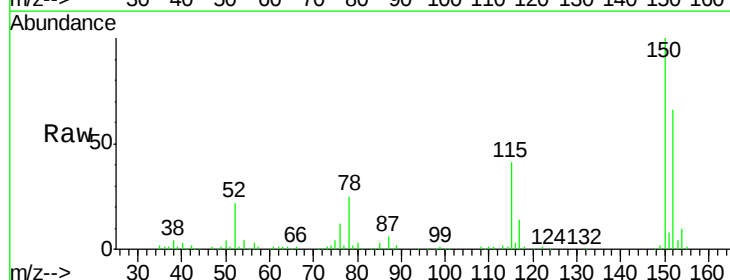
Tgt Ion: 79 Resp: 3919

Ion Ratio Lower Upper

79 100

108 37.7 61.5 92.3#

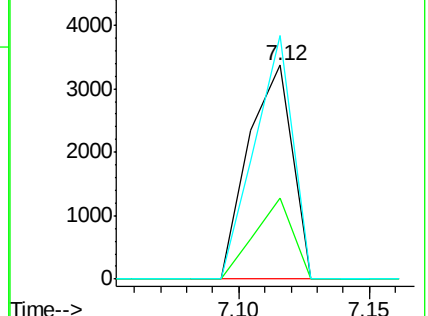
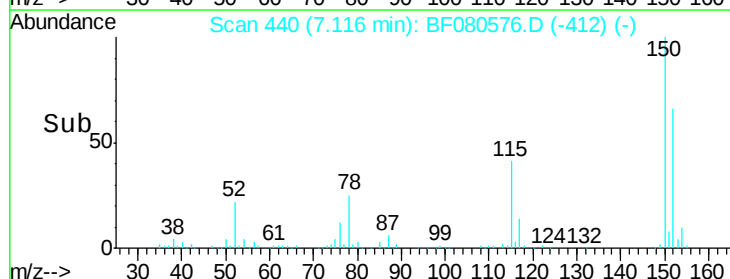
77 113.8 53.6 80.4#

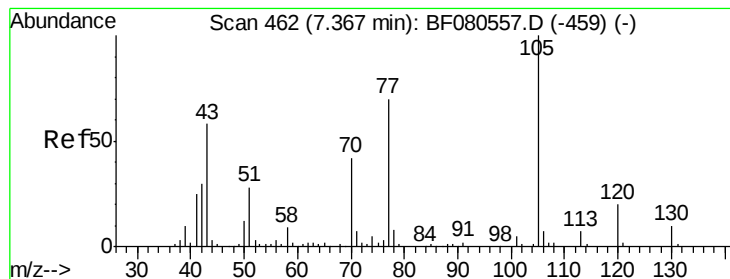


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 21.01 ng

RT: 7.52 min Scan# 475

Delta R.T. 0.15 min

Lab File: BF080576.D

Acq: 23 Jul 2015 2:04

Instrument :

BNA_F

ClientSampleId :

SB-11-1.0-1.5

Tgt Ion: 70 Resp: 29389

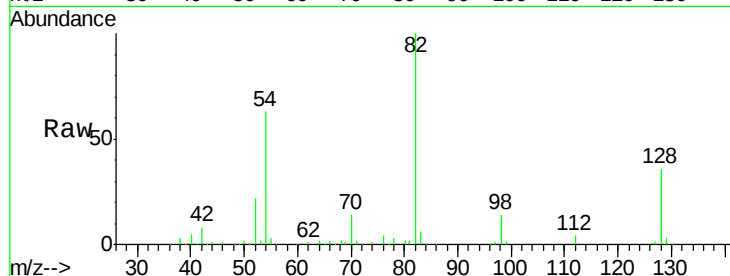
Ion Ratio Lower Upper

70 100

42 59.4 56.6 85.0

101 0.0 9.7 14.5#

130 1.3 19.1 28.7#



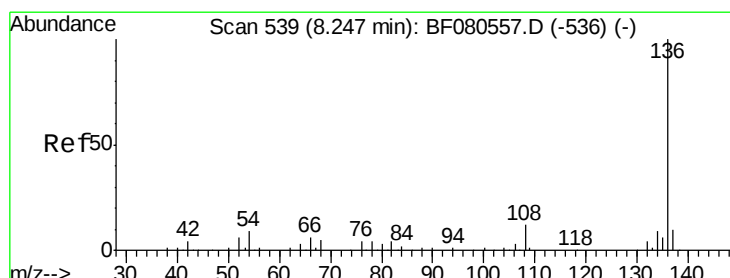
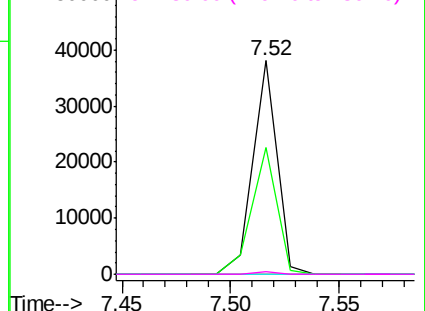
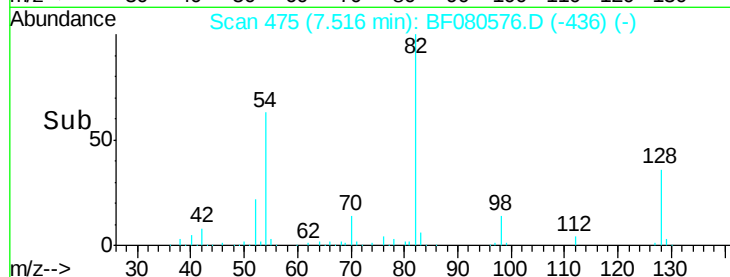
Abundance

Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.25 min Scan# 539

Delta R.T. 0.00 min

Lab File: BF080576.D

Acq: 23 Jul 2015 2:04

Tgt Ion: 136 Resp: 111191

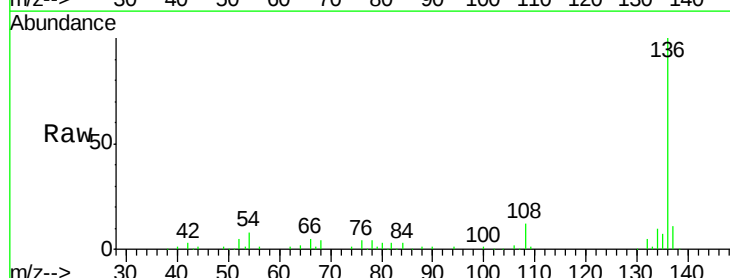
Ion Ratio Lower Upper

136 100

137 11.2 7.8 11.8

54 8.3 7.2 10.8

68 4.1 3.8 5.6



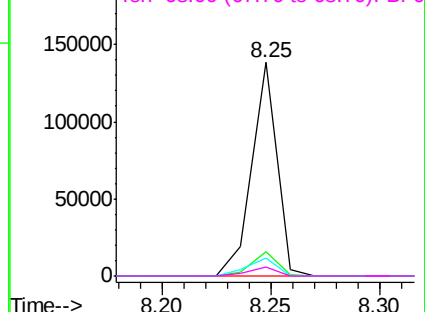
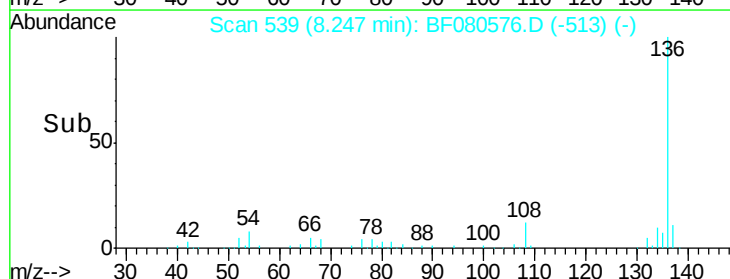
Abundance

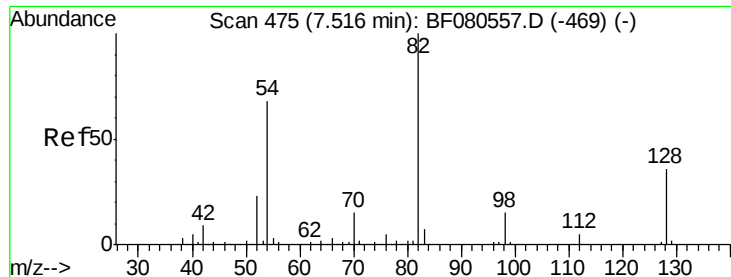
Ion 136.00 (135.70 to 136.70): E

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

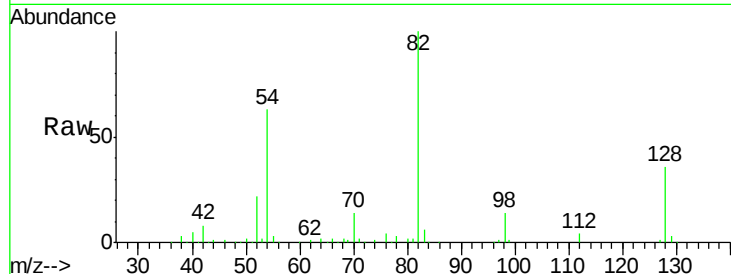




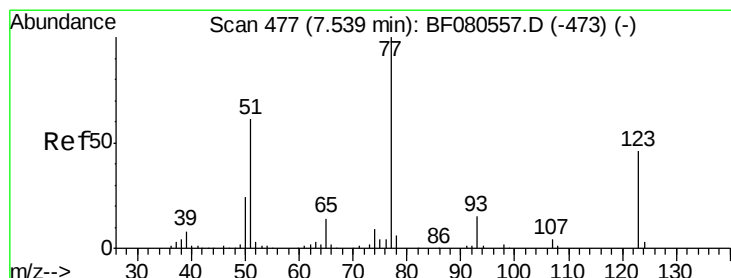
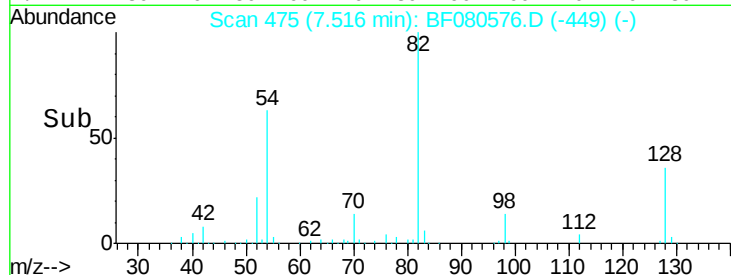
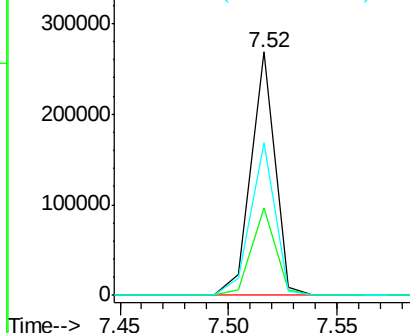
#23
 Nitrobenzene-d5
 Concen: 119.28 ng
 RT: 7.52 min Scan# 475
 Delta R.T. 0.00 min
 Lab File: BF080576.D
 Acq: 23 Jul 2015 2:04

Instrument :
 BNA_F
 ClientSampleId :
 SB-11-1.0-1.5

Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.8	28.9	43.3
54	62.9	54.5	81.7

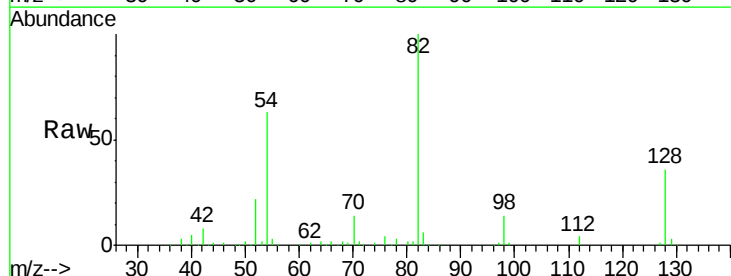


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

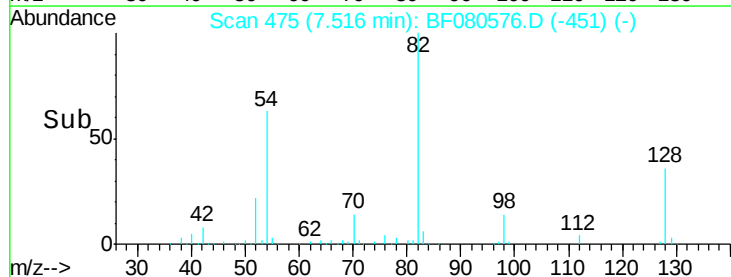
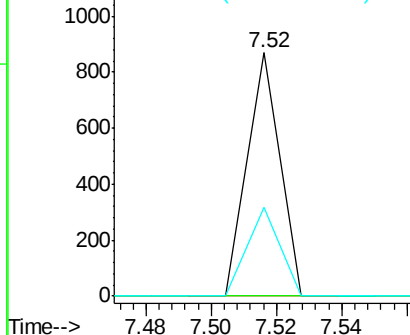


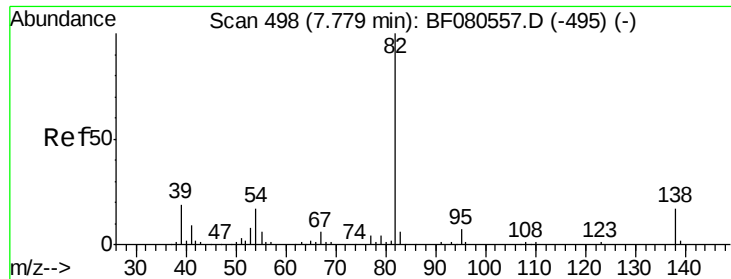
#24
 Nitrobenzene
 Concen: 4.59 ng
 RT: 7.52 min Scan# 475
 Delta R.T. -0.02 min
 Lab File: BF080576.D
 Acq: 23 Jul 2015 2:04

Tgt Ion	Ratio	Lower	Upper
77	100		
123	0.0	37.1	55.7#
65	36.6	11.4	17.2#



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 52.09 ng

RT: 7.52 min Scan# 475

Delta R.T. -0.26 min

Lab File: BF080576.D

Acq: 23 Jul 2015 2:04

Instrument :

BNA_F

ClientSampleId :

SB-11-1.0-1.5

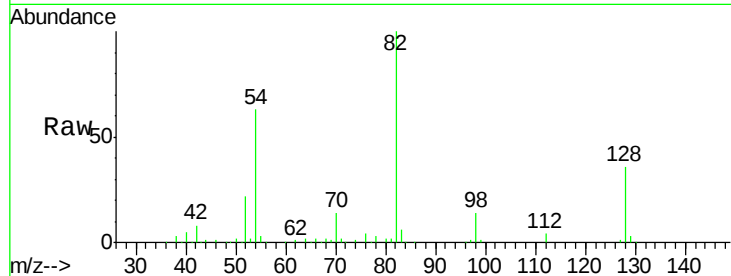
Tgt Ion: 82 Resp: 189916

Ion Ratio Lower Upper

82 100

95 0.0 5.9 8.9#

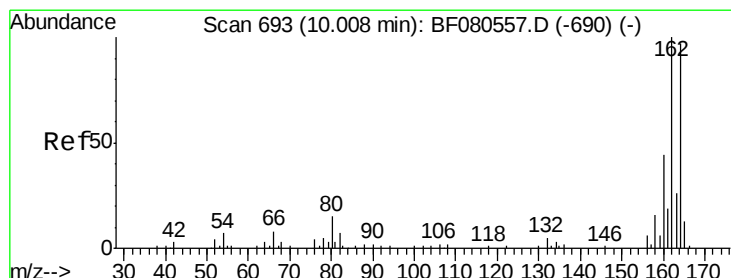
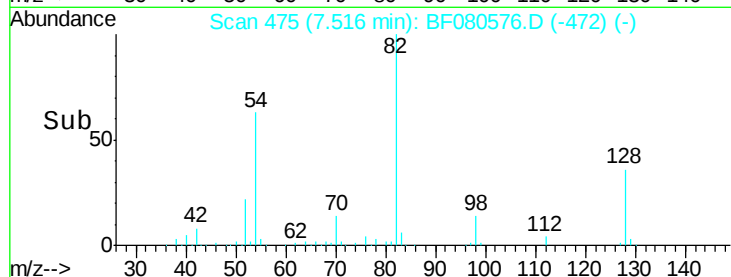
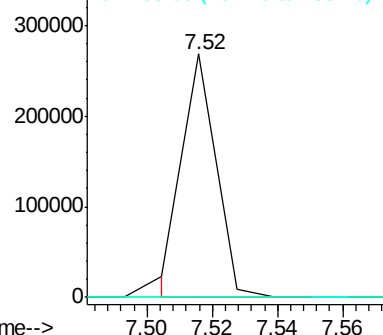
138 0.0 13.4 20.2#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.01 min Scan# 693

Delta R.T. 0.00 min

Lab File: BF080576.D

Acq: 23 Jul 2015 2:04

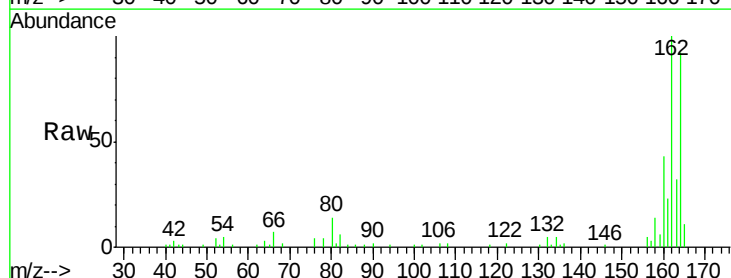
Tgt Ion: 164 Resp: 47025

Ion Ratio Lower Upper

164 100

162 109.1 82.2 123.4

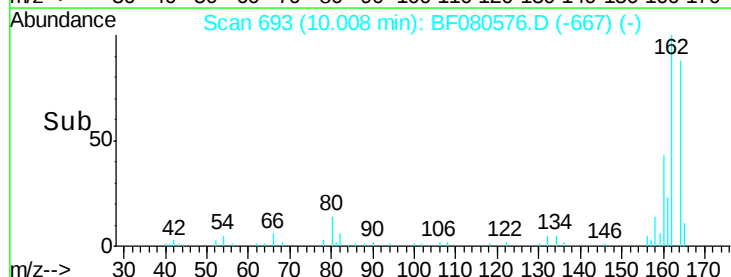
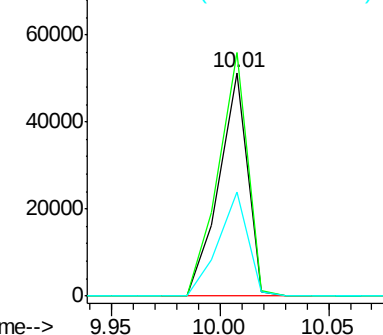
160 46.4 36.1 54.1

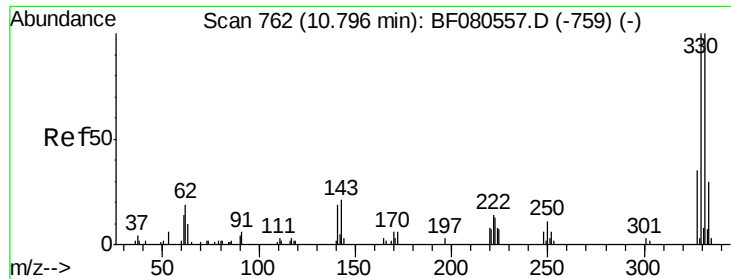


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

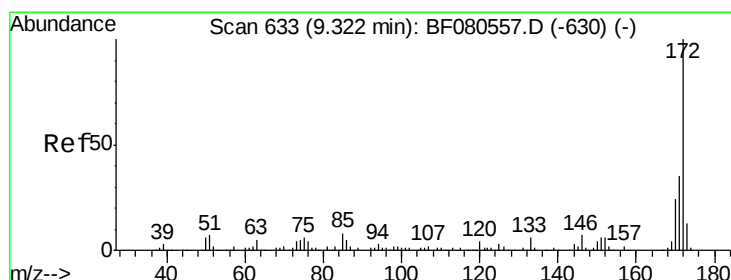
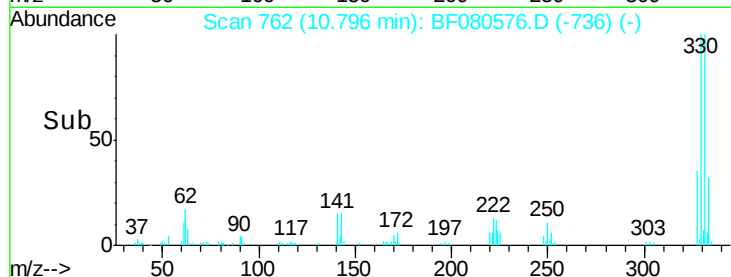
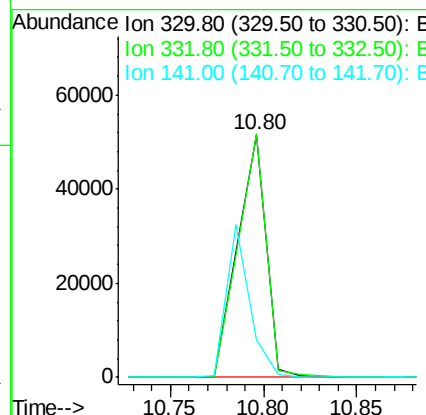
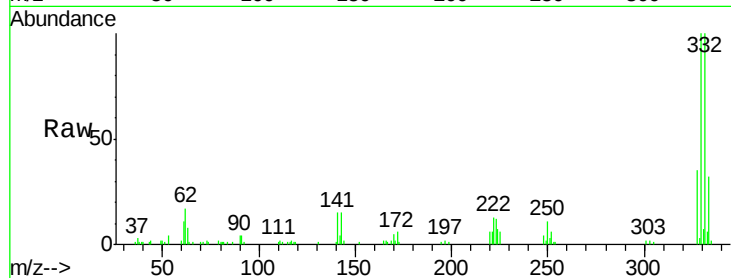




#41
 2,4,6-Tribromophenol
 Concen: 155.80 ng
 RT: 10.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BF080576.D
 Acq: 23 Jul 2015 2:04

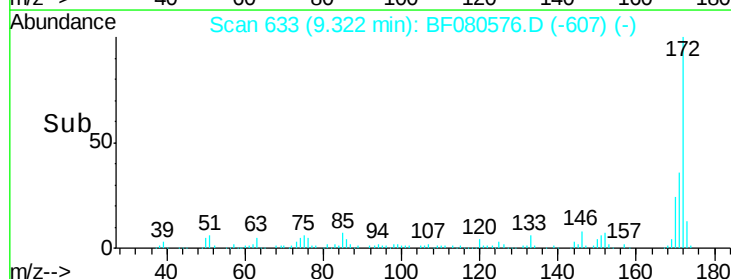
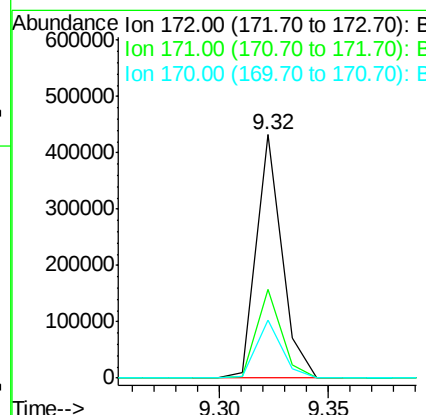
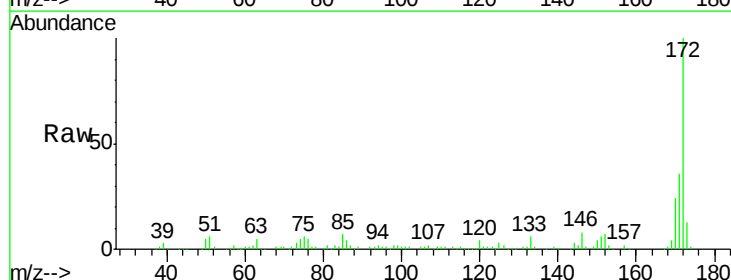
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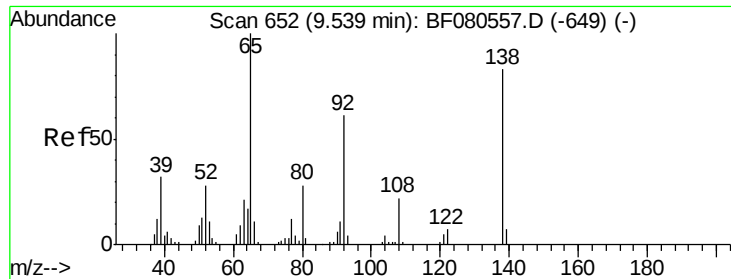
Tgt Ion	Ratio	Lower	Upper
330	100		
332	99.4	78.3	117.5
141	51.4	37.9	56.9



#44
 2-Fluorobiphenyl
 Concen: 107.60 ng
 RT: 9.32 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: BF080576.D
 Acq: 23 Jul 2015 2:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	27.7	41.5
170	24.0	19.1	28.7

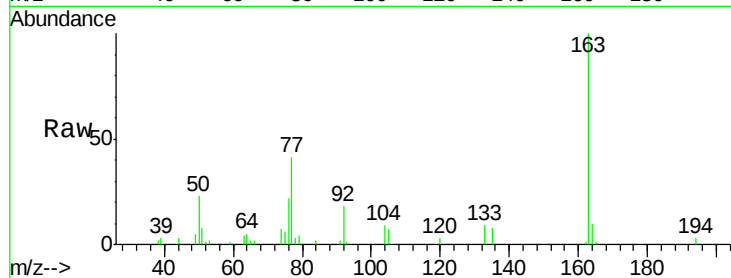




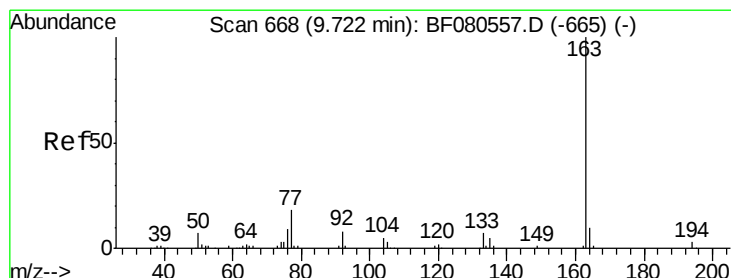
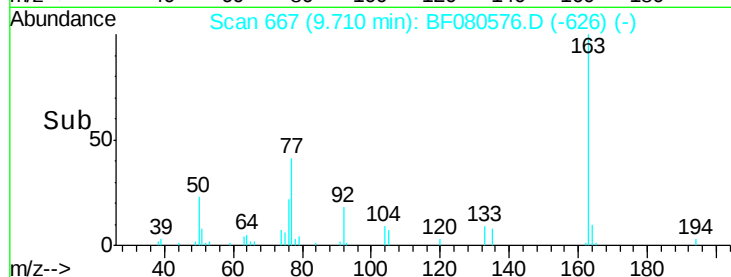
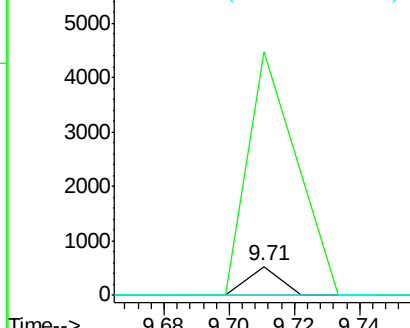
#47
2-Nitroaniline
Concen: 3.12 ng
RT: 9.71 min Scan# 667
Delta R.T. 0.17 min
Lab File: BF080576.D
Acq: 23 Jul 2015 2:04

Instrument :
BNA_F
ClientSampleId :
SB-11-1.0-1.5

Tgt Ion: 65 Resp: 361
Ion Ratio Lower Upper
65 100
92 850.6 48.7 73.1#
138 0.0 66.8 100.2#

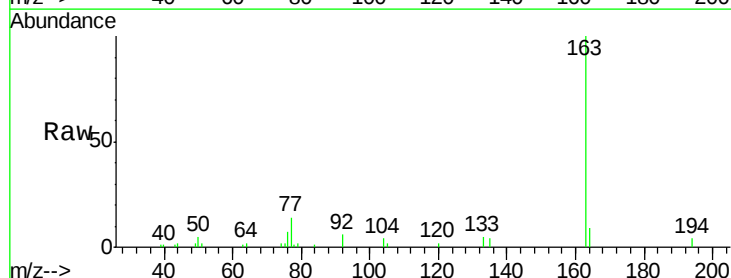


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E

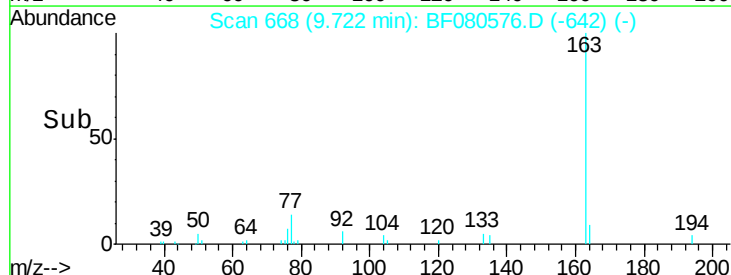
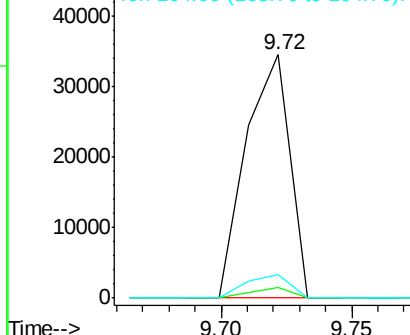


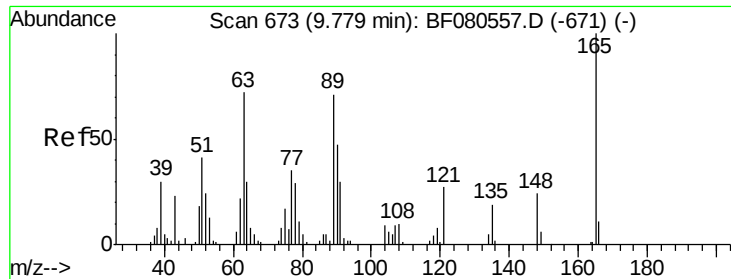
#49
Dimethylphthalate
Concen: 12.29 ng
RT: 9.72 min Scan# 668
Delta R.T. 0.00 min
Lab File: BF080576.D
Acq: 23 Jul 2015 2:04

Tgt Ion: 163 Resp: 40594
Ion Ratio Lower Upper
163 100
194 4.2 2.5 3.7#
164 9.4 8.1 12.1



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





#50

2,6-Dinitrotoluene

Concen: 4.15 ng

RT: 9.71 min Scan# 667

Delta R.T. -0.07 min

Lab File: BF080576.D

Acq: 23 Jul 2015 2:04

Instrument :

BNA_F

ClientSampleId :

SB-11-1.0-1.5

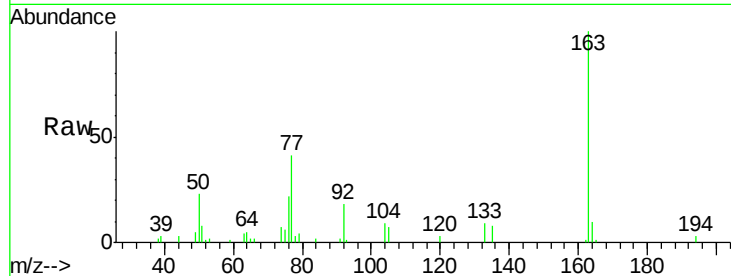
Tgt Ion:165 Resp: 218

Ion Ratio Lower Upper

165 100

63 313.8 59.0 88.6#

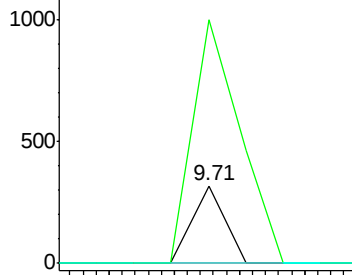
89 0.0 56.9 85.3#



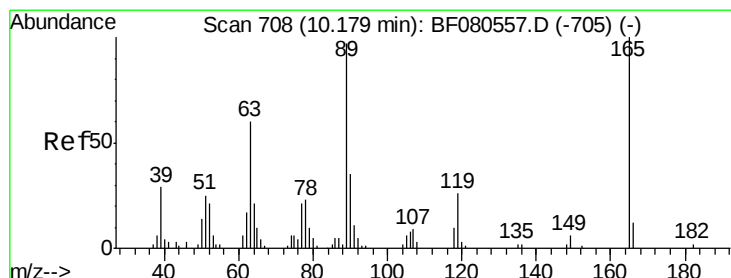
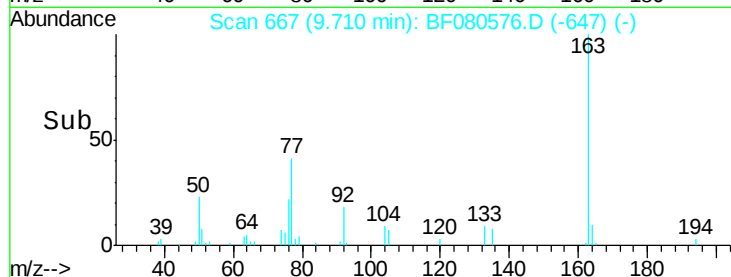
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



Time-->



#56

2,4-Dinitrotoluene

Concen: 16.07 ng

RT: 10.01 min Scan# 693

Delta R.T. -0.17 min

Lab File: BF080576.D

Acq: 23 Jul 2015 2:04

Tgt Ion:165 Resp: 5785

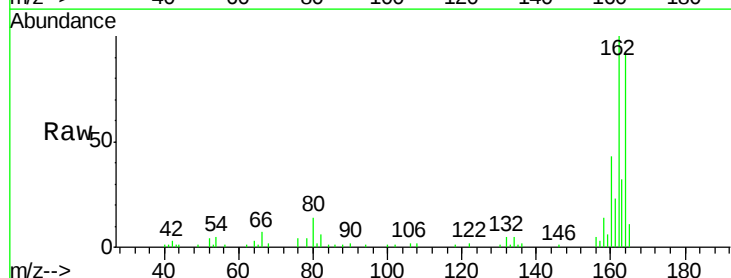
Ion Ratio Lower Upper

165 100

63 0.0 48.1 72.1#

89 0.0 77.4 116.0#

182 0.0 1.3 1.9#

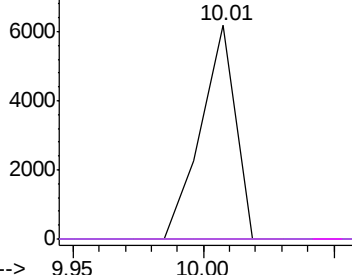


Abundance Ion 165.00 (164.70 to 165.70): E

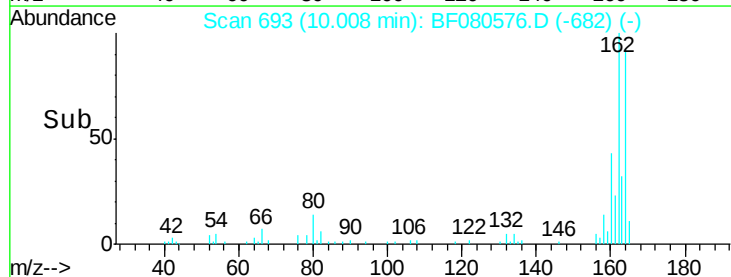
Ion 63.00 (62.70 to 63.70): BF0

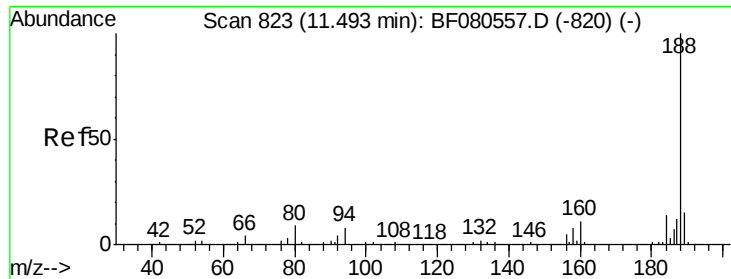
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



Time-->

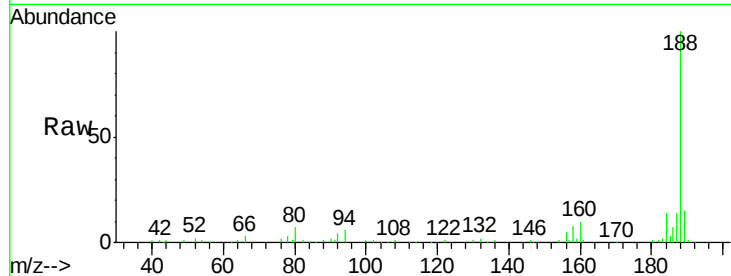




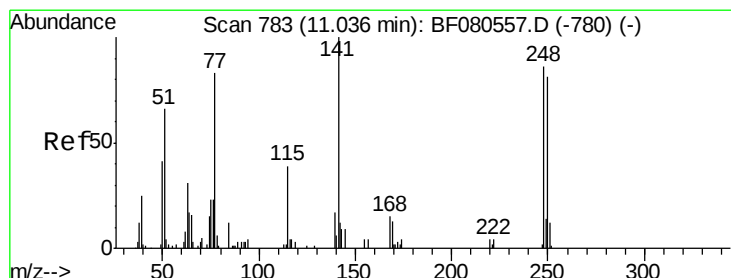
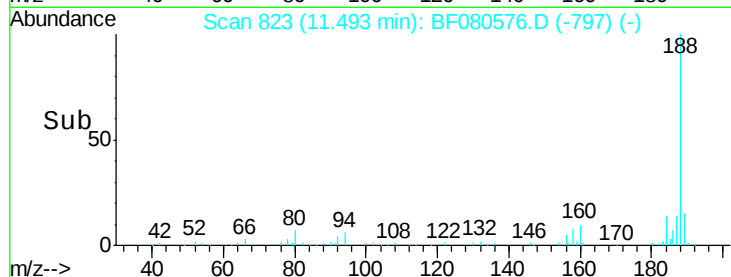
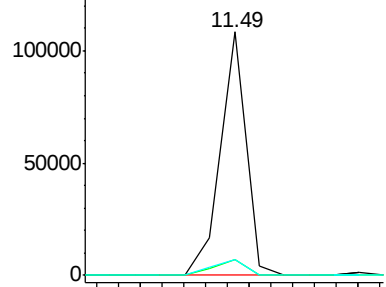
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.49 min Scan# 823
 Delta R.T. 0.00 min
 Lab File: BF080576.D
 Acq: 23 Jul 2015 2:04

Instrument :
 BNA_F
 ClientSampleId :
 SB-11-1.0-1.5

Tgt Ion:188 Resp: 88606
 Ion Ratio Lower Upper
 188 100
 94 6.3 6.1 9.1
 80 6.7 7.0 10.6#

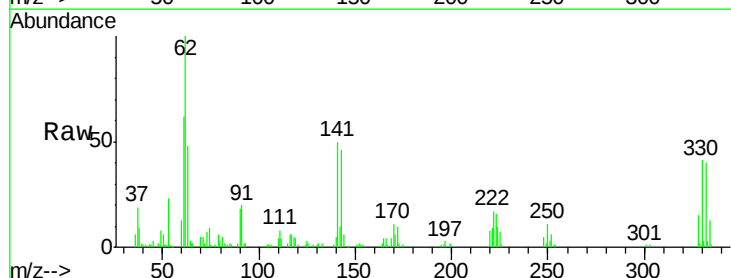


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

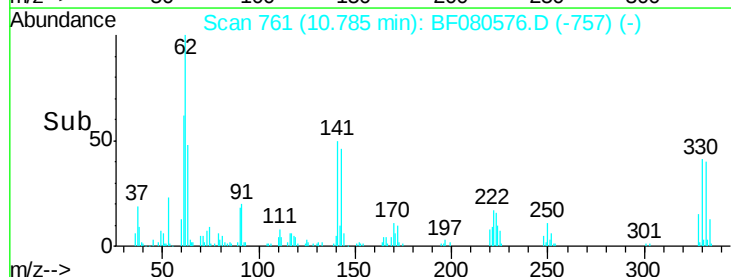
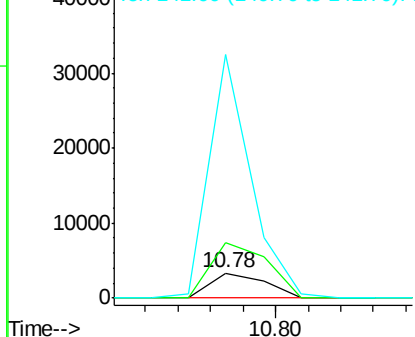


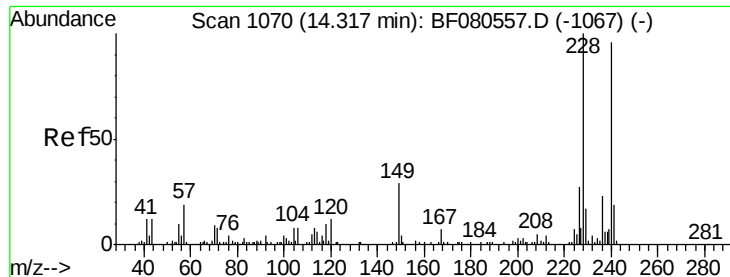
#66
 4-Bromophenyl-phenylether
 Concen: 4.58 ng
 RT: 10.78 min Scan# 761
 Delta R.T. -0.25 min
 Lab File: BF080576.D
 Acq: 23 Jul 2015 2:04

Tgt Ion:248 Resp: 3903
 Ion Ratio Lower Upper
 248 100
 250 217.8 75.4 113.2#
 141 959.6 93.4 140.0#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.24 min Scan# 1063

Delta R.T. -0.08 min

Lab File: BF080576.D

Acq: 23 Jul 2015 2:04

Instrument :

BNA_F

ClientSampleId :

SB-11-1.0-1.5

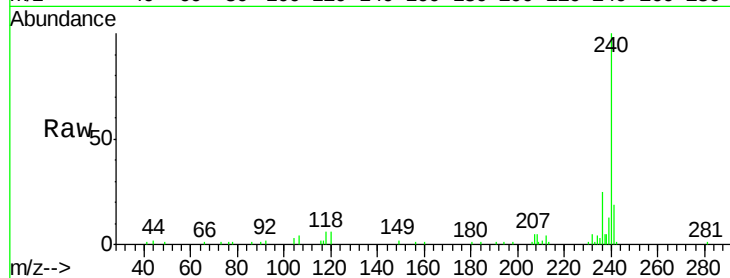
Tgt Ion:240 Resp: 56839

Ion Ratio Lower Upper

240 100

120 6.3 9.9 14.9#

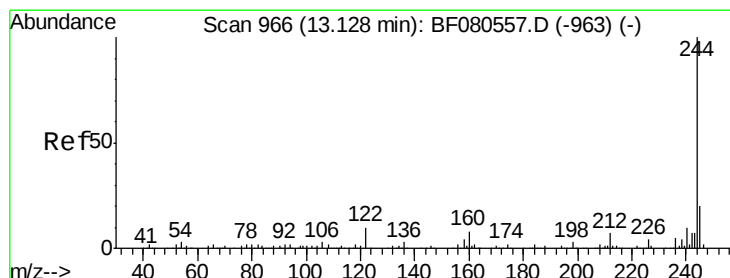
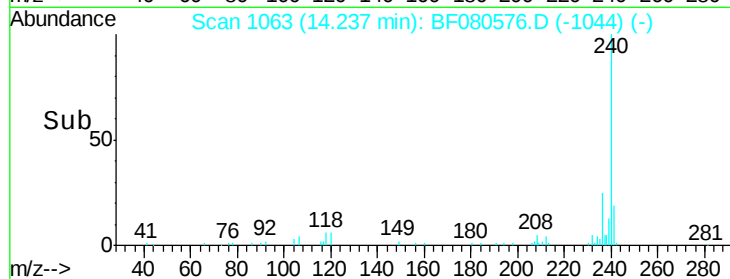
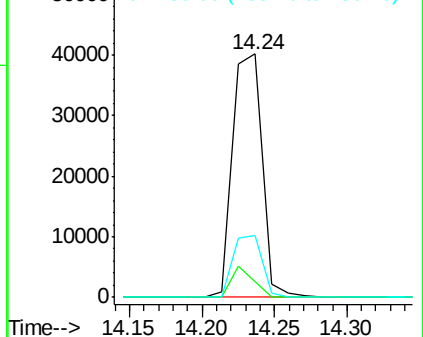
236 25.4 19.1 28.7



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: 108.25 ng

RT: 13.09 min Scan# 963

Delta R.T. -0.03 min

Lab File: BF080576.D

Acq: 23 Jul 2015 2:04

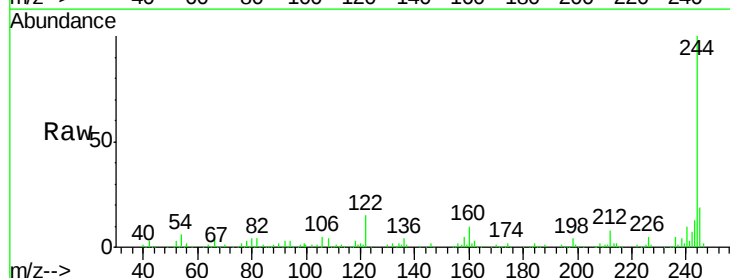
Tgt Ion:244 Resp: 300039

Ion Ratio Lower Upper

244 100

212 8.0 6.0 9.0

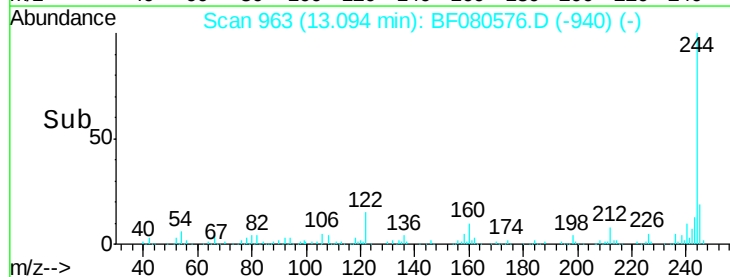
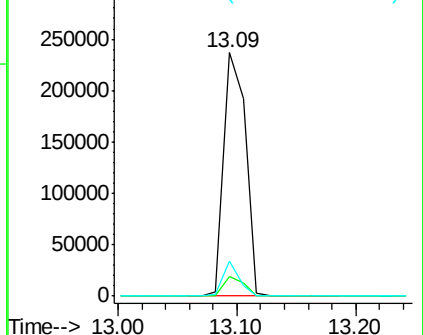
122 14.5 8.2 12.2#

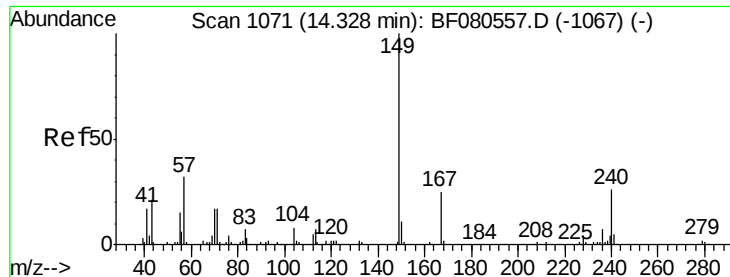


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 3.51 ng

RT: 14.23 min Scan# 1062

Delta R.T. -0.10 min

Lab File: BF080576.D

Acq: 23 Jul 2015 2:04

Instrument :

BNA_F

ClientSampleId :

SB-11-1.0-1.5

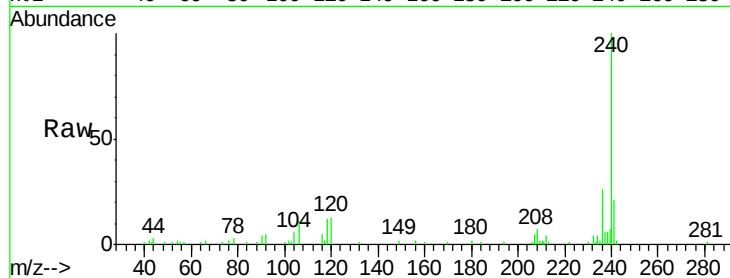
Tgt Ion:149 Resp: 964

Ion Ratio Lower Upper

149 100

167 0.0 20.2 30.2#

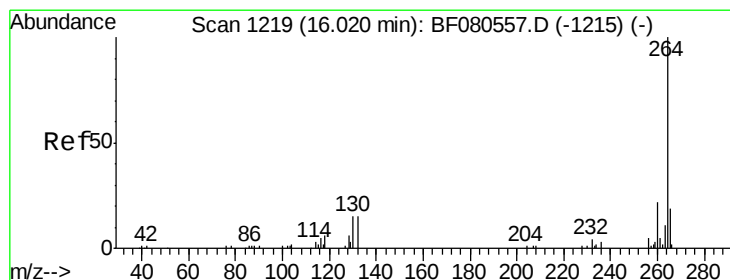
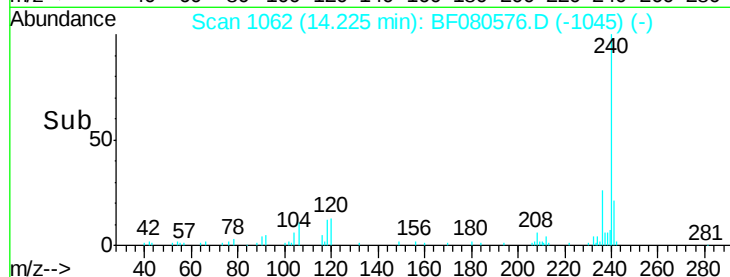
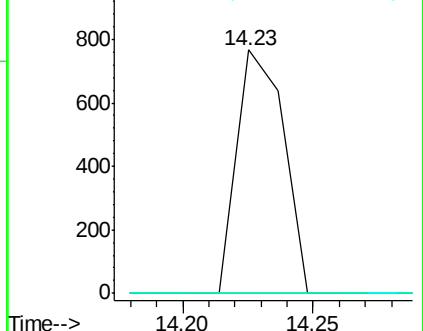
279 0.0 2.0 3.0#



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: 15.85 min Scan# 1204

Delta R.T. -0.17 min

Lab File: BF080576.D

Acq: 23 Jul 2015 2:04

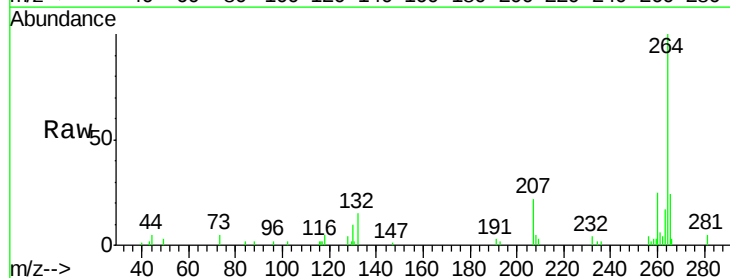
Tgt Ion:264 Resp: 35191

Ion Ratio Lower Upper

264 100

260 25.1 17.8 26.8

265 24.3 15.6 23.4#



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

