

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070716\
 Data File : BG022877.D
 Acq On : 6 Jul 2016 15:24
 Operator : UM/SJ
 Sample : H3801-01 50X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LAR9938

Quant Time: Jul 06 18:09:31 2016
 Quant Method : Z:\HPCHEM1\BNA_G\Methods\8270-BG062516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 20:14:59 2016
 Response via : Initial Calibration

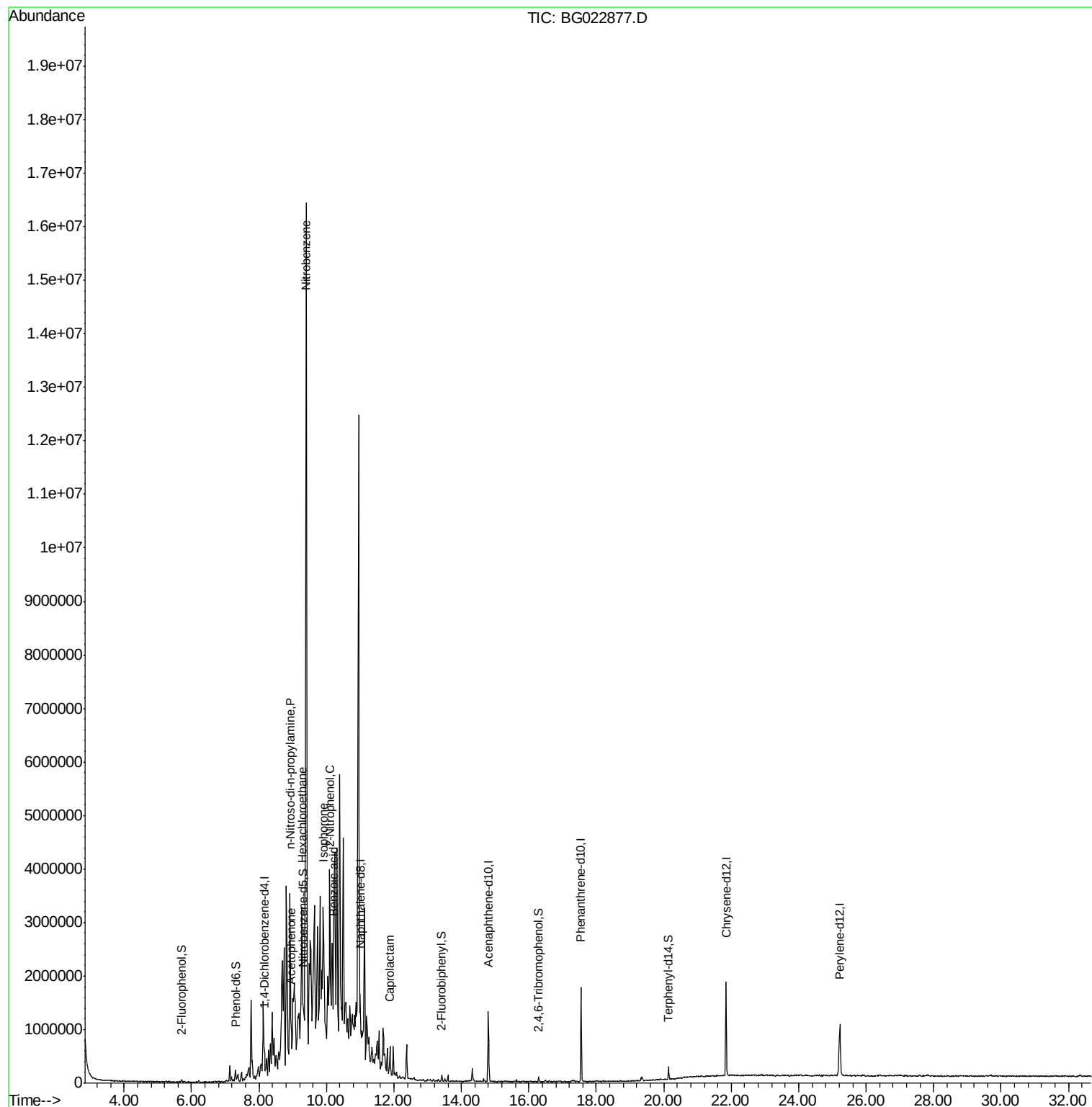
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	121617	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	529036	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	447975	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	1043720	20.00	ng	0.00
75) Chrysene-d12	21.84	240	1166514	20.00	ng	0.00
86) Perylene-d12	25.22	264	1196466	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	17546	2.31	ng	0.00
7) Phenol-d6	7.31	99	29544	2.76	ng	0.01
23) Nitrobenzene-d5	9.32	82	133061	10.65	ng	-0.01
41) 2,4,6-Tribromophenol	16.29	330	18315	2.60	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	61884	2.19	ng	0.00
78) Terphenyl-d14	20.15	244	107539	2.44	ng	0.00
Target Compounds						
18) Hexachloroethane	9.27	117	11573	2.92	ng	# 1
19) n-Nitroso-di-n-propylamine	8.92	70	110147	12.38	ng	# 48
22) Acetophenone	8.97	105	48126	3.15	ng	# 31
24) Nitrobenzene	9.40	77	66115	4.79	ng	# 1
25) Isophorone	9.91	82	284950	11.74	ng	# 1
26) 2-Nitrophenol	10.09	139	31720	6.37	ng	# 1
32) Benzoic acid	10.20	122	15898	7.40	ng	# 39
35) Caprolactam	11.88	113	11299	3.87	ng	# 1

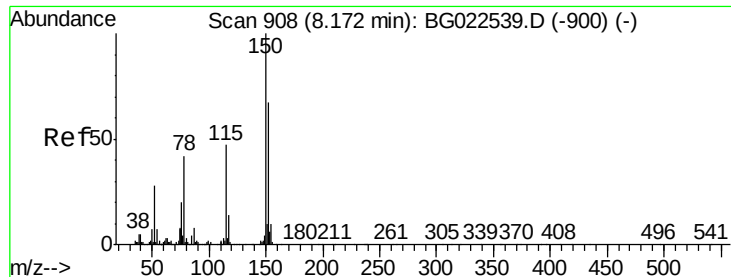
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070716\
Data File : BG022877.D
Acq On : 6 Jul 2016 15:24
Operator : UM/SJ
Sample : H3801-01 50X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LAR9938

Quant Time: Jul 06 18:09:31 2016
Quant Method : Z:\HPCHEM1\BNA_G\Methods\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 24 20:14:59 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 906

Delta R.T. -0.01 min

Lab File: BG022877.D

Acq: 6 Jul 2016 15:24

Instrument :

BNA_G

ClientSampled :

LAR9938

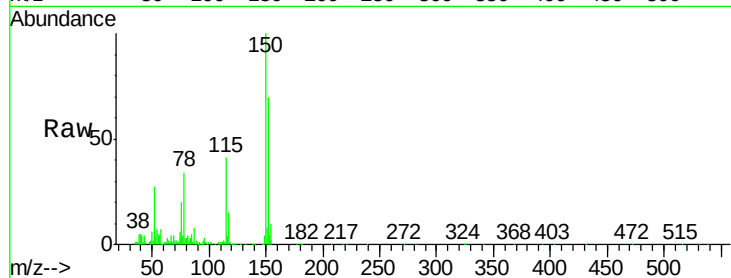
Tgt Ion:152 Resp: 121617

Ion Ratio Lower Upper

152 100

150 141.9 144.7 217.1#

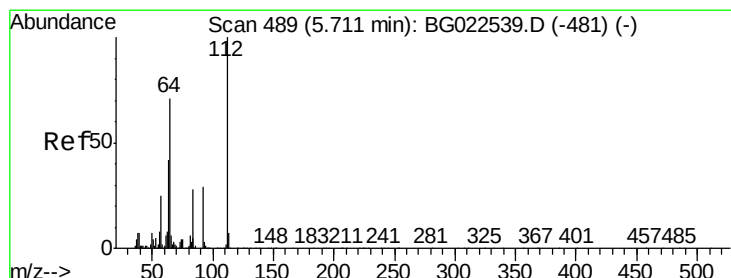
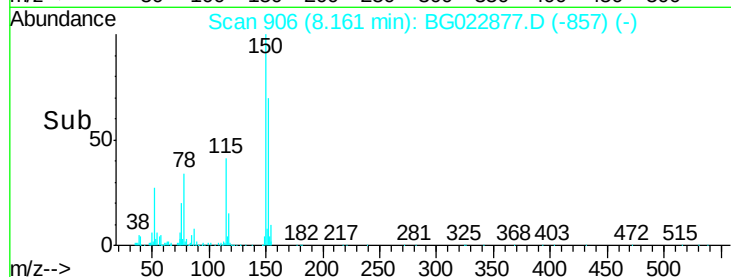
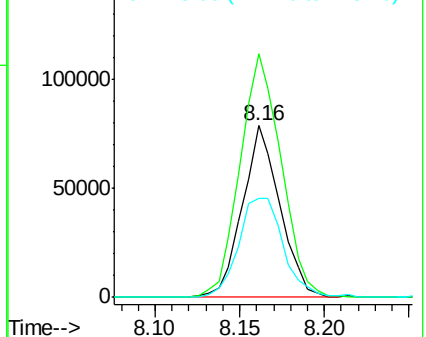
115 57.5 64.0 96.0#



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: 2.31 ng

RT: 5.71 min Scan# 488

Delta R.T. 0.00 min

Lab File: BG022877.D

Acq: 6 Jul 2016 15:24

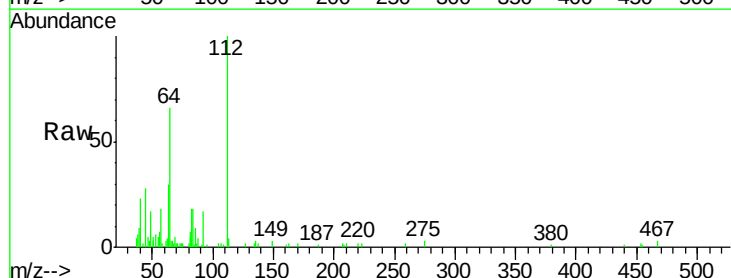
Tgt Ion:112 Resp: 17546

Ion Ratio Lower Upper

112 100

64 66.1 59.0 88.4

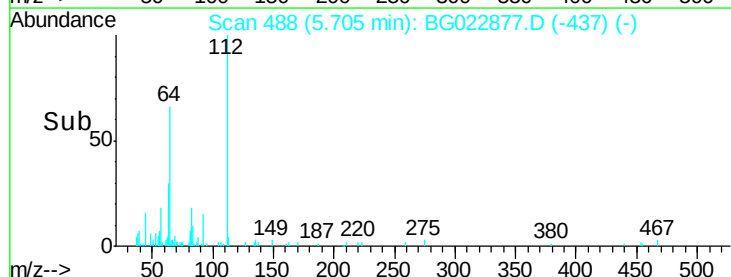
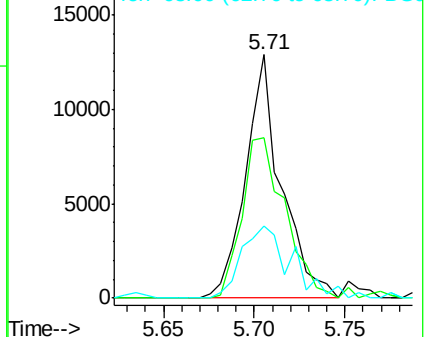
63 29.7 37.8 56.8#

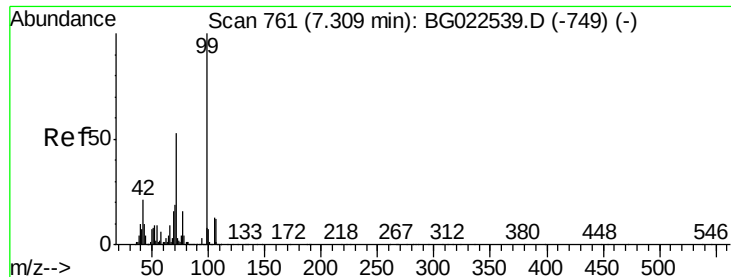


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 2.76 ng

RT: 7.31 min Scan# 762

Delta R.T. 0.01 min

Lab File: BG022877.D

Acq: 6 Jul 2016 15:24

Instrument :

BNA_G

ClientSampleId :

LAR9938

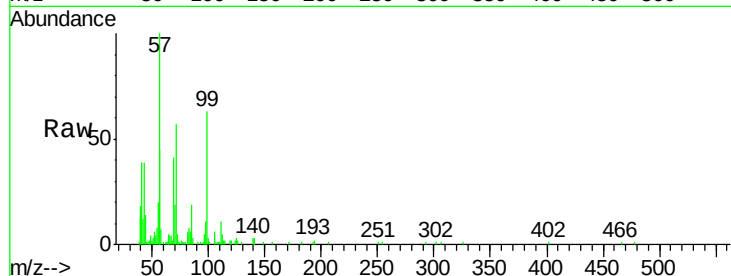
Tgt Ion: 99 Resp: 29544

Ion Ratio Lower Upper

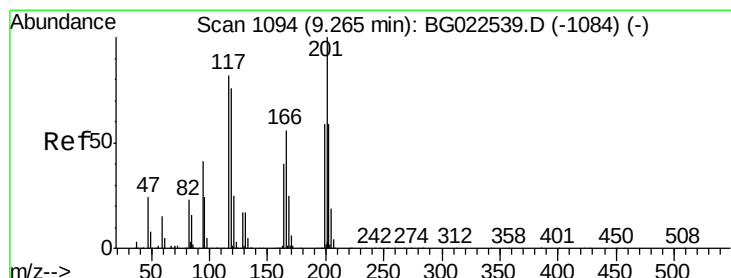
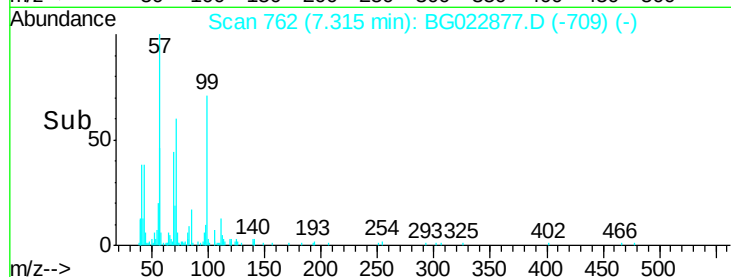
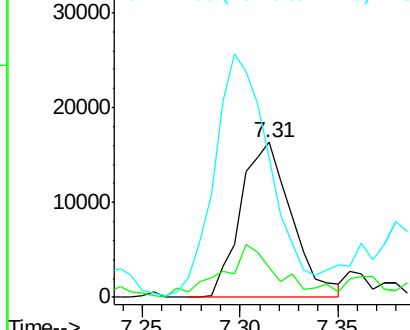
99 100

42 19.6 17.8 26.6

71 90.0 41.5 62.3#



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#18

Hexachloroethane

Concen: 2.92 ng

RT: 9.27 min Scan# 1095

Delta R.T. 0.01 min

Lab File: BG022877.D

Acq: 6 Jul 2016 15:24

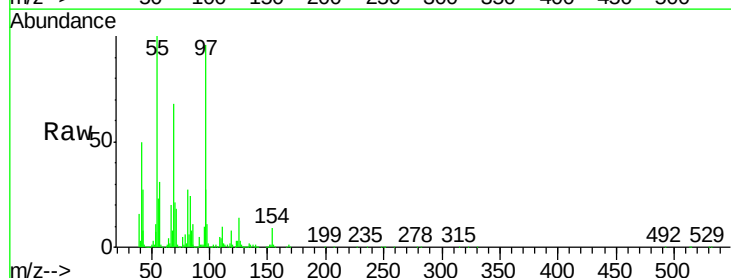
Tgt Ion: 117 Resp: 11573

Ion Ratio Lower Upper

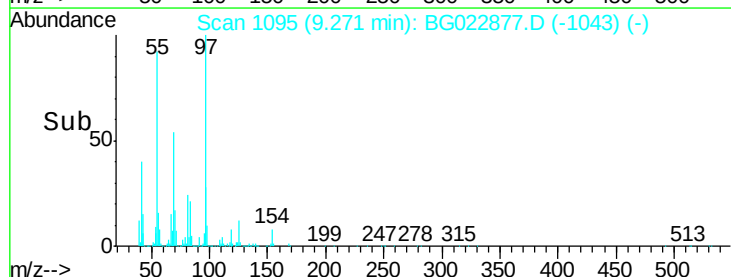
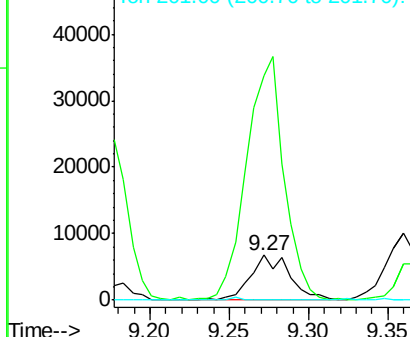
117 100

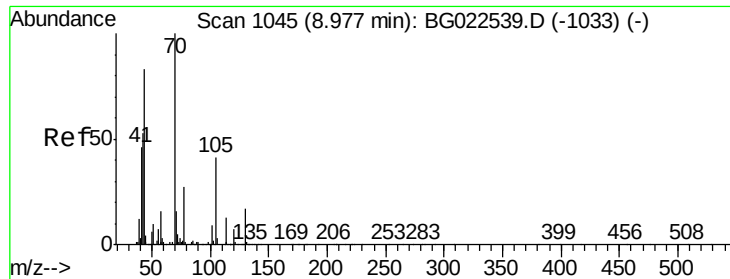
119 503.7 73.7 110.5#

201 0.0 88.7 133.1#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

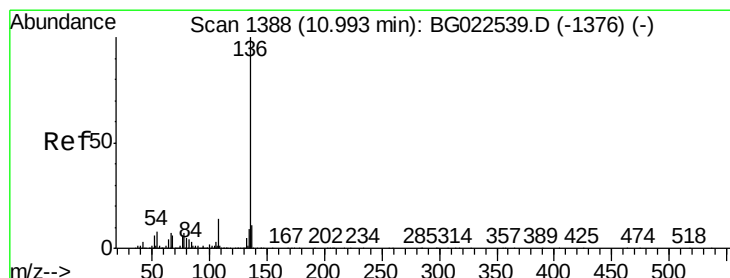
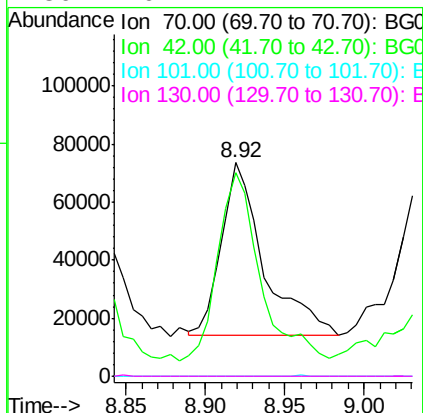
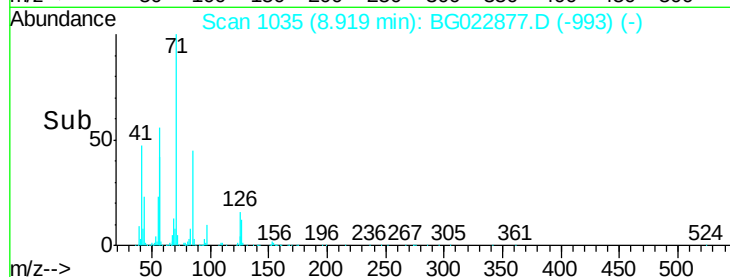
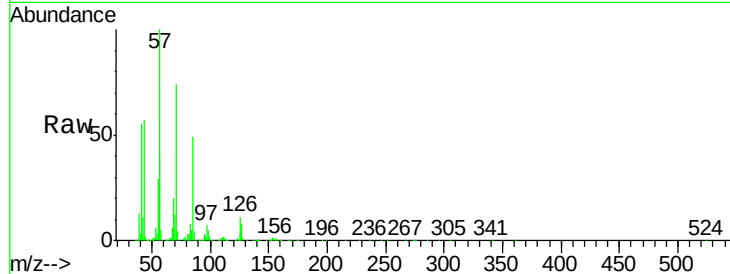




#19
n-Nitroso-di-n-propylamine
Concen: 12.38 ng
RT: 8.92 min Scan# 1035
Delta R.T. -0.05 min
Lab File: BG022877.D
Acq: 6 Jul 2016 15:24

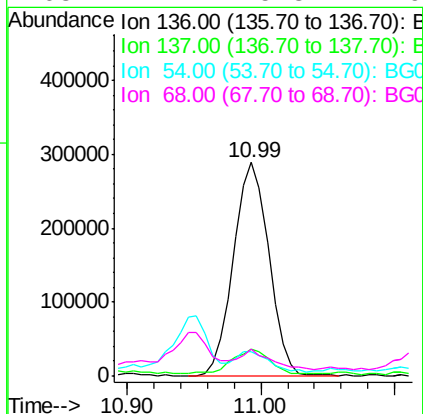
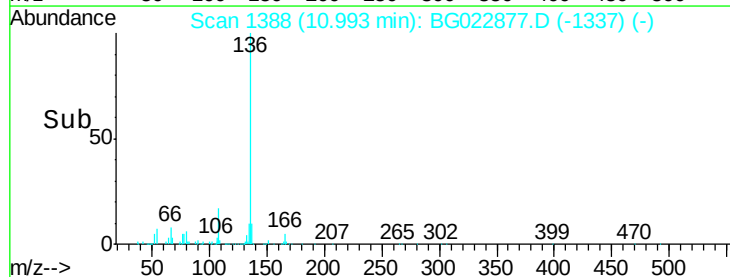
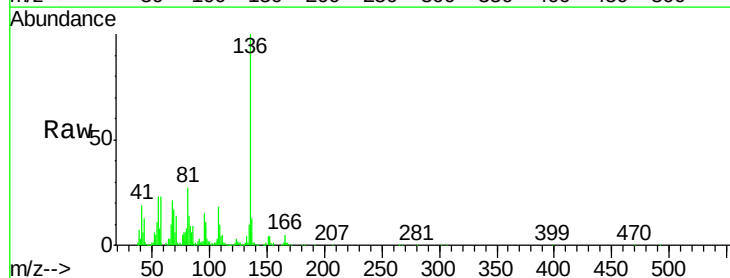
Instrument :
BNA_G
ClientSampleId :
LAR9938

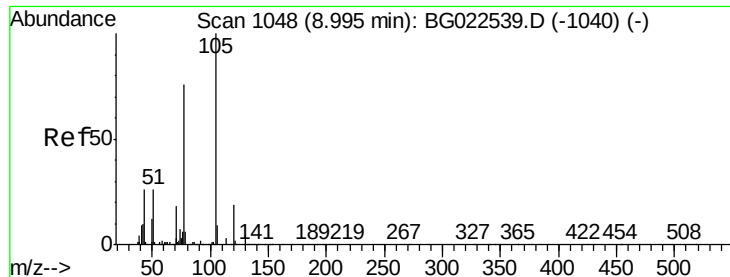
Tgt Ion: 70 Resp: 110147
Ion Ratio Lower Upper
70 100
42 95.1 42.1 63.1#
101 0.0 7.2 10.8#
130 0.4 14.2 21.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.99 min Scan# 1388
Delta R.T. -0.00 min
Lab File: BG022877.D
Acq: 6 Jul 2016 15:24

Tgt Ion: 136 Resp: 529036
Ion Ratio Lower Upper
136 100
137 12.8 9.6 14.4
54 11.5 7.3 10.9#
68 12.7 5.3 7.9#





#22

Acetophenone

Concen: 3.15 ng

RT: 8.97 min Scan# 1043

Delta R.T. -0.02 min

Lab File: BG022877.D

Acq: 6 Jul 2016 15:24

Instrument :

BNA_G

ClientSampleId :

LAR9938

Tgt Ion: 105 Resp: 48126

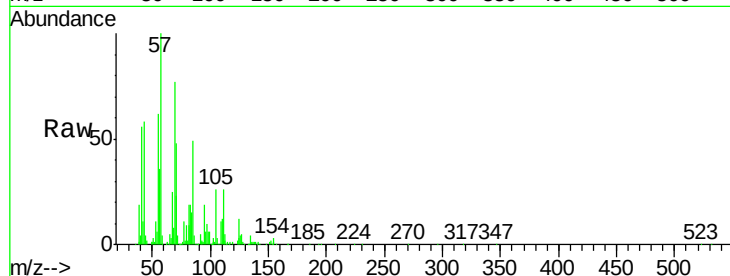
Ion Ratio Lower Upper

105 100

71 182.8 2.6 3.8#

51 11.2 27.1 40.7#

120 0.0 15.1 22.7#



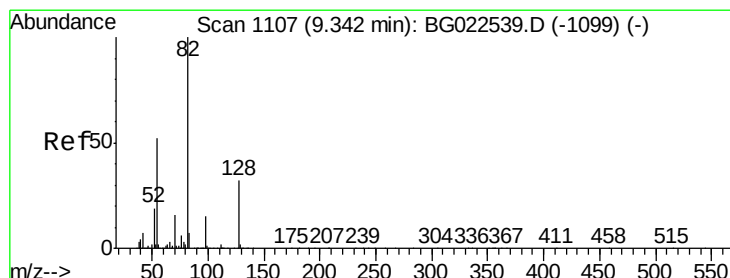
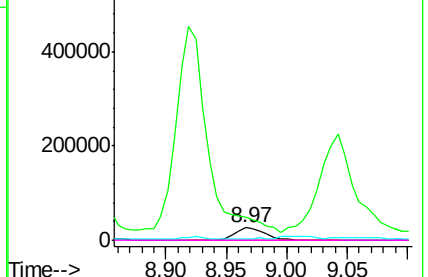
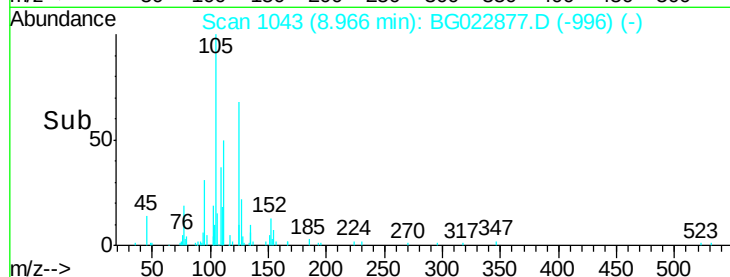
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

Time-->



#23

Nitrobenzene-d5

Concen: 10.65 ng

RT: 9.32 min Scan# 1104

Delta R.T. -0.01 min

Lab File: BG022877.D

Acq: 6 Jul 2016 15:24

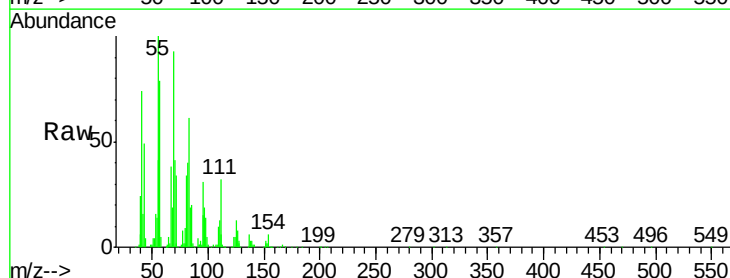
Tgt Ion: 82 Resp: 133061

Ion Ratio Lower Upper

82 100

128 7.3 24.4 36.6#

54 33.7 41.4 62.0#

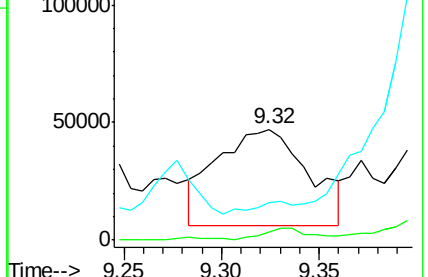
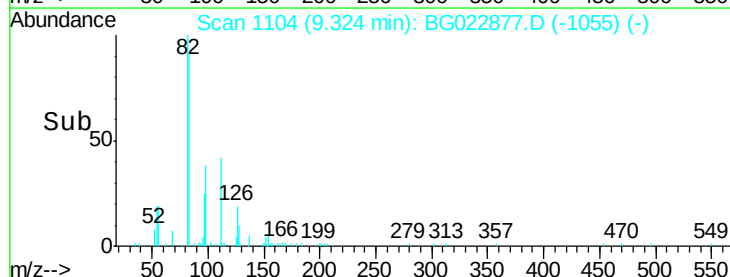


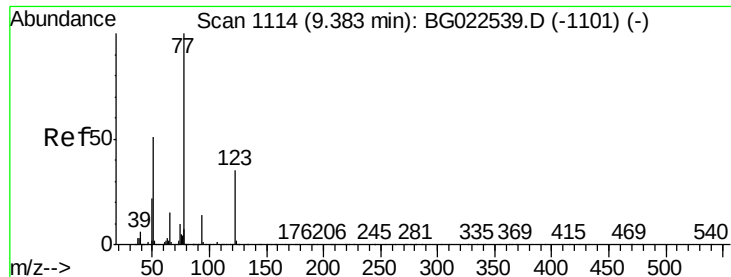
Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

Time-->





#24

Nitrobenzene

Concen: 4.79 ng

RT: 9.40 min Scan# 1117

Delta R.T. 0.02 min

Lab File: BG022877.D

Acq: 6 Jul 2016 15:24

Instrument :

BNA_G

ClientSampleId :

LAR9938

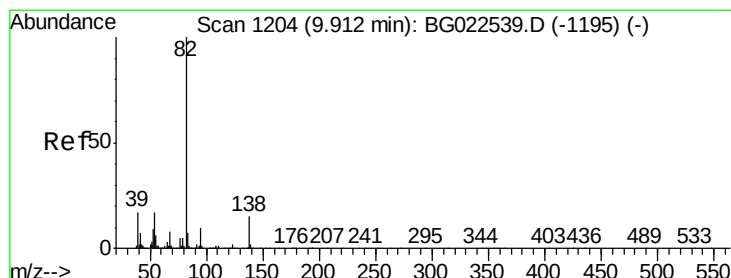
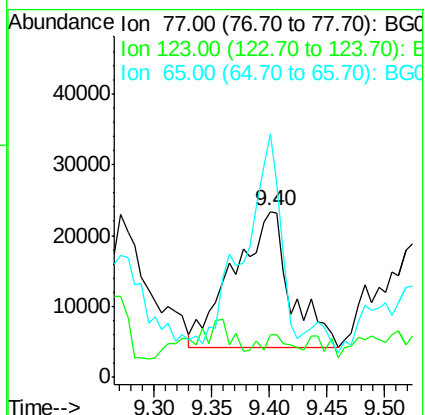
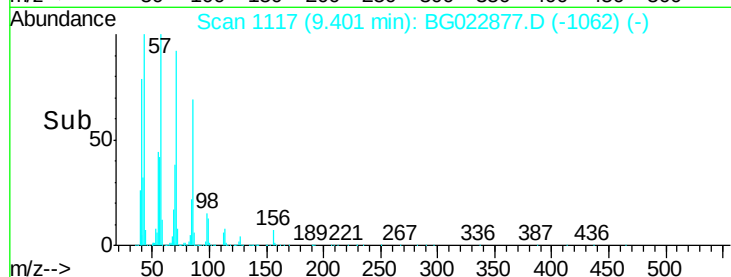
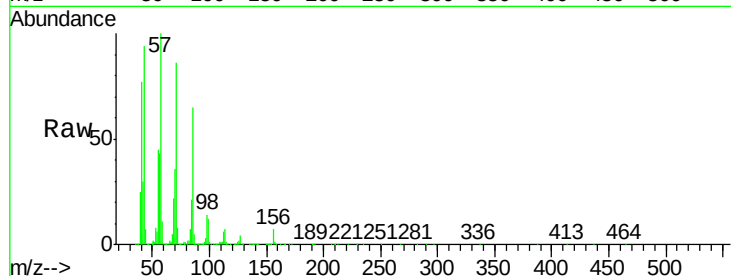
Tgt Ion: 77 Resp: 66115

Ion Ratio Lower Upper

77 100

123 26.0 25.0 37.6

65 147.0 13.4 20.0#



#25

Isophorone

Concen: 11.74 ng

RT: 9.91 min Scan# 1203

Delta R.T. -0.00 min

Lab File: BG022877.D

Acq: 6 Jul 2016 15:24

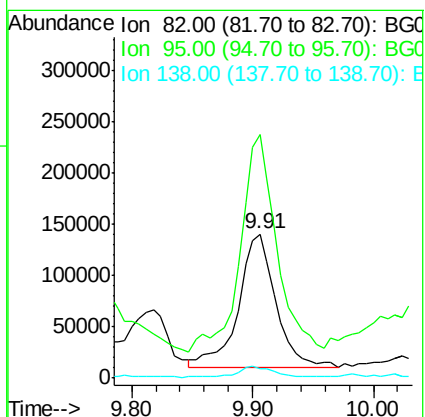
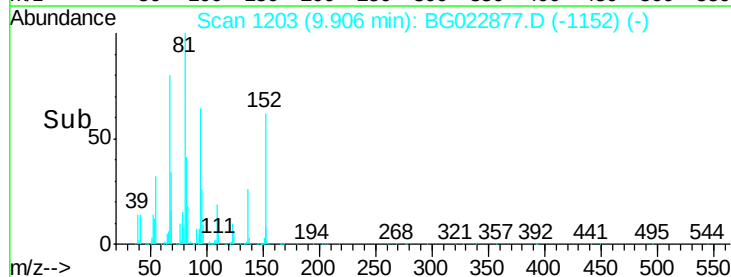
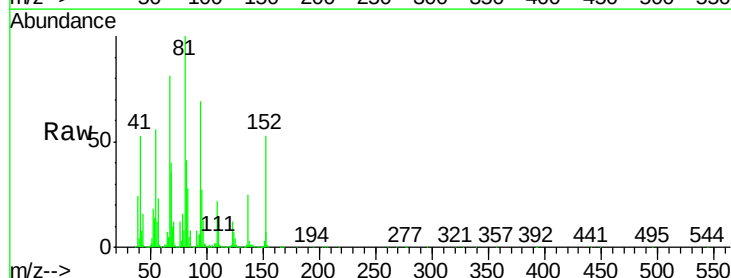
Tgt Ion: 82 Resp: 284950

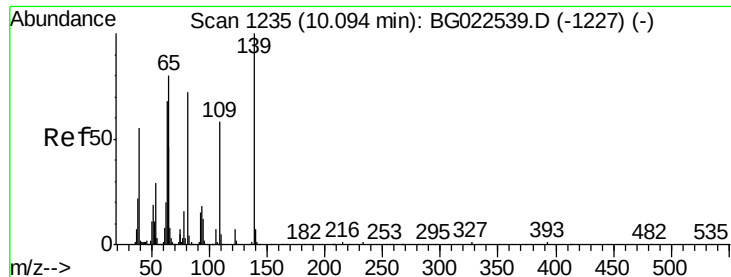
Ion Ratio Lower Upper

82 100

95 168.7 8.2 12.2#

138 6.7 10.7 16.1#

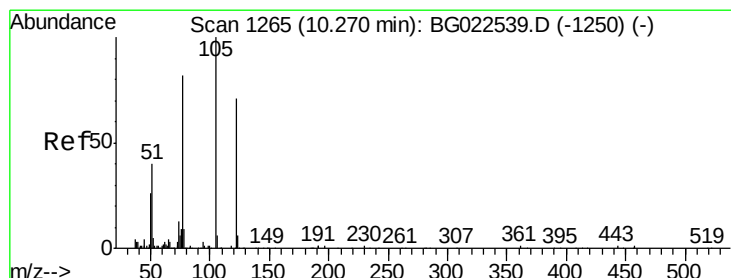
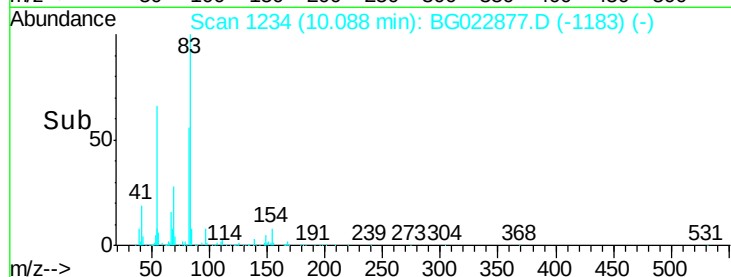
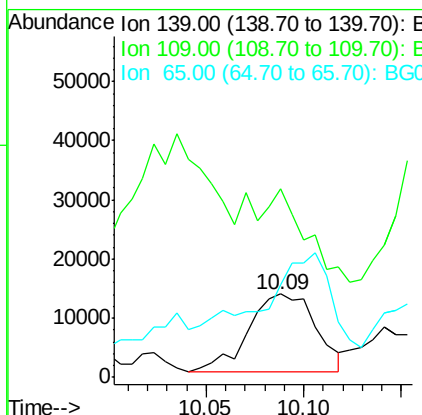
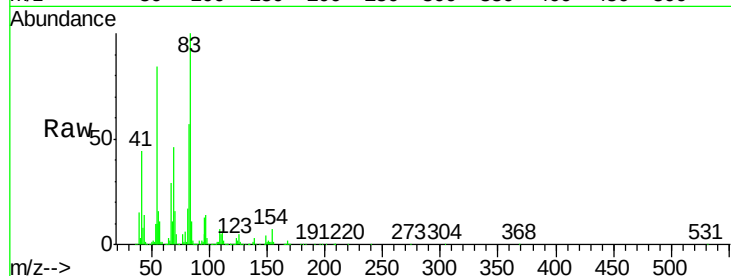




#26
2-Nitrophenol
Concen: 6.37 ng
RT: 10.09 min Scan# 1234
Delta R.T. -0.00 min
Lab File: BG022877.D
Acq: 6 Jul 2016 15:24

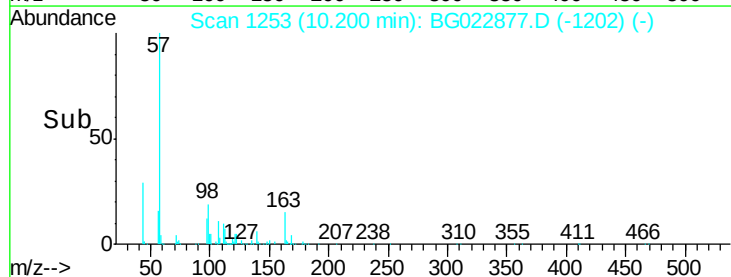
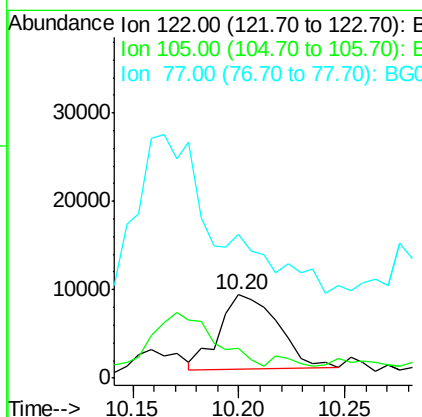
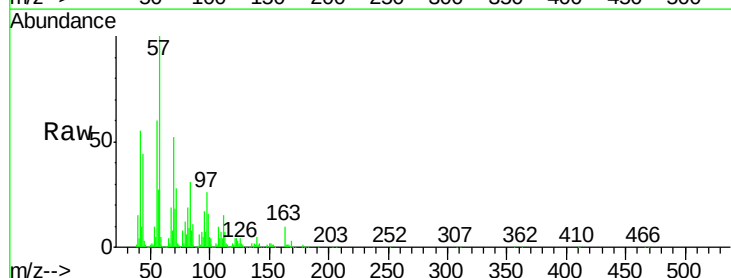
Instrument :
BNA_G
ClientSampleId :
LAR9938

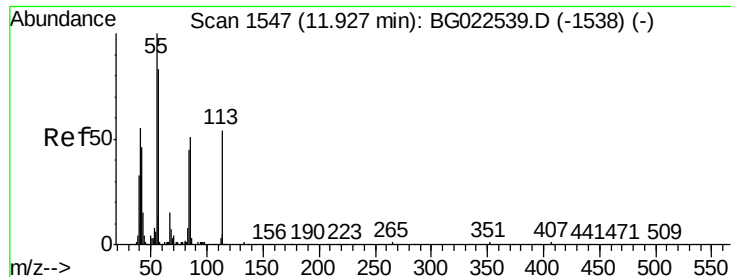
Tgt Ion:139 Resp: 31720
Ion Ratio Lower Upper
139 100
109 226.9 43.5 65.3#
65 112.0 64.3 96.5#



#32
Benzoic acid
Concen: 7.40 ng
RT: 10.20 min Scan# 1253
Delta R.T. -0.00 min
Lab File: BG022877.D
Acq: 6 Jul 2016 15:24

Tgt Ion:122 Resp: 15898
Ion Ratio Lower Upper
122 100
105 36.3 117.2 157.2#
77 172.3 109.2 149.2#

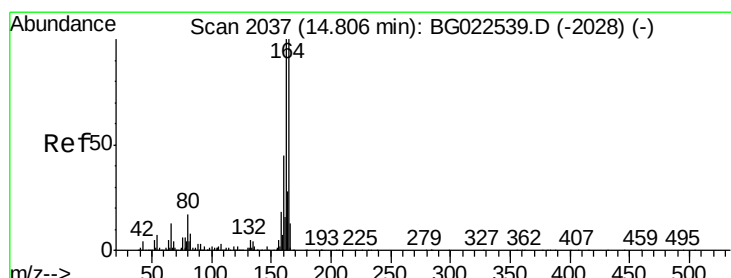
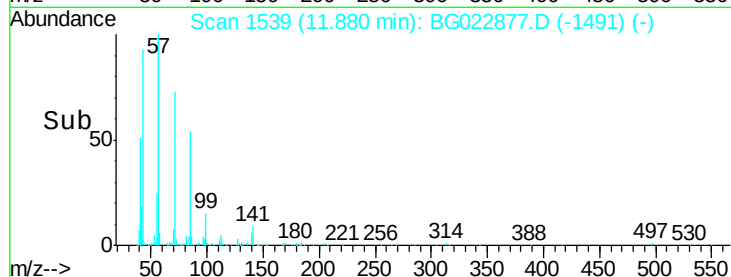
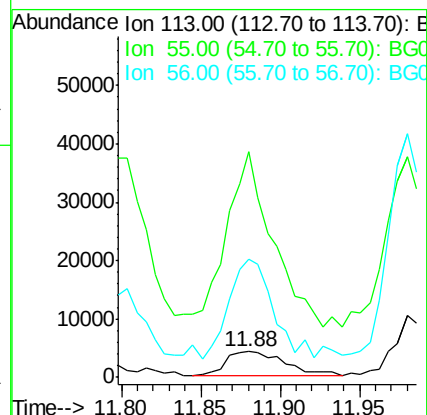
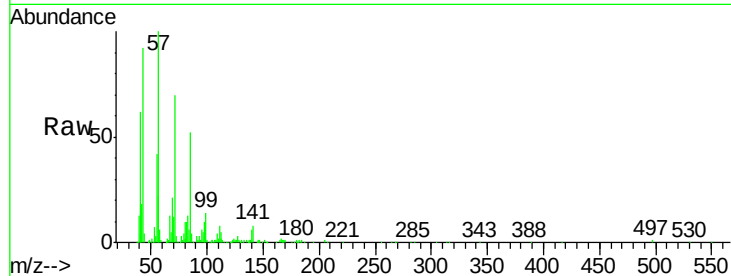




#35
 Caprolactam
 Concen: 3.87 ng
 RT: 11.88 min Scan# 1539
 Delta R.T. -0.02 min
 Lab File: BG022877.D
 Acq: 6 Jul 2016 15:24

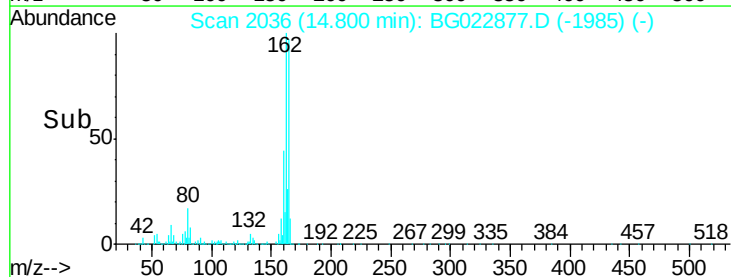
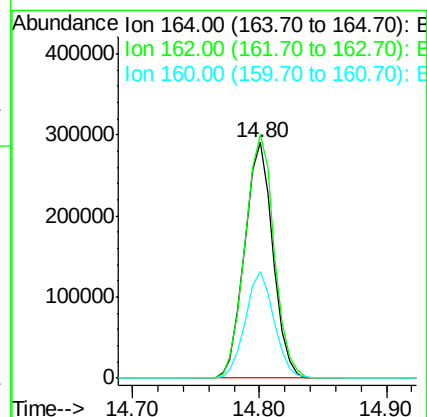
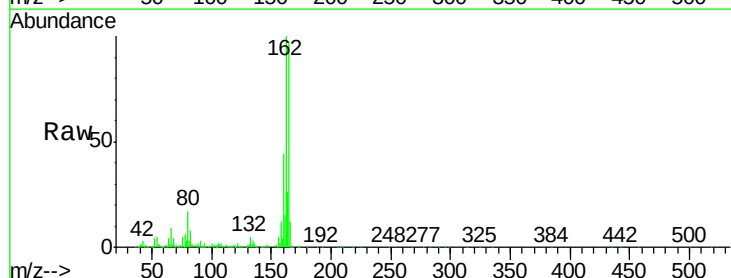
Instrument :
 BNA_G
 ClientSampled :
 LAR9938

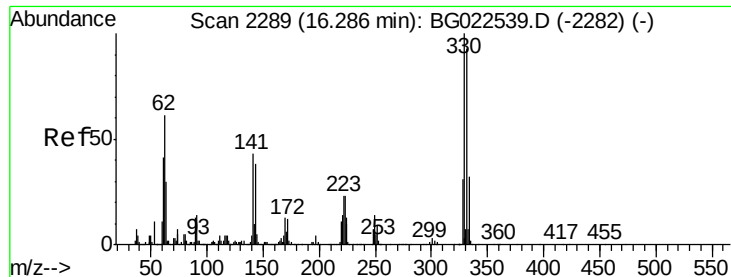
Tgt Ion:113 Resp: 11299
 Ion Ratio Lower Upper
 113 100
 55 877.7 154.5 194.5#
 56 460.9 125.1 165.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: BG022877.D
 Acq: 6 Jul 2016 15:24

Tgt Ion:164 Resp: 447975
 Ion Ratio Lower Upper
 164 100
 162 103.3 87.7 131.5
 160 45.0 37.2 55.8

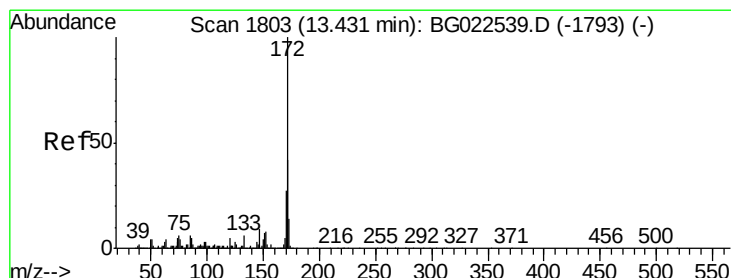
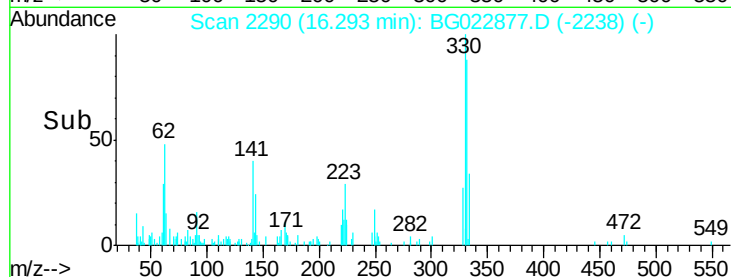
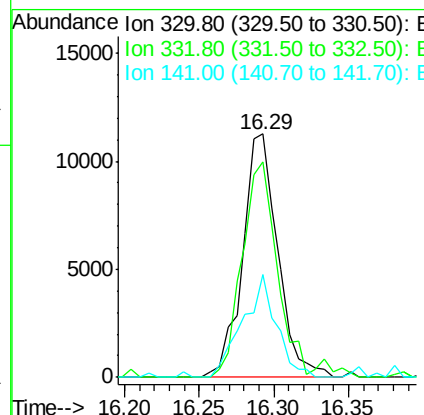
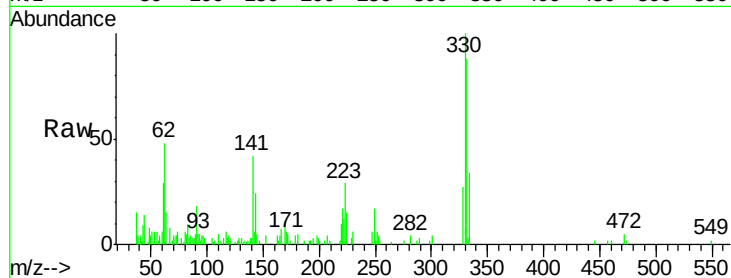




#41
2,4,6-Tribromophenol
Concen: 2.60 ng
RT: 16.29 min Scan# 2290
Delta R.T. 0.01 min
Lab File: BG022877.D
Acq: 6 Jul 2016 15:24

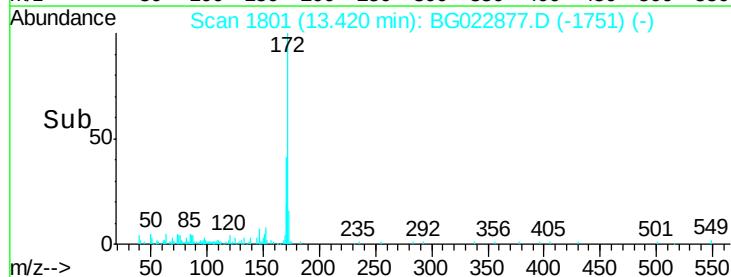
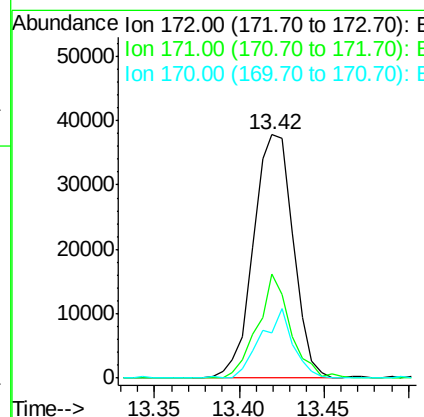
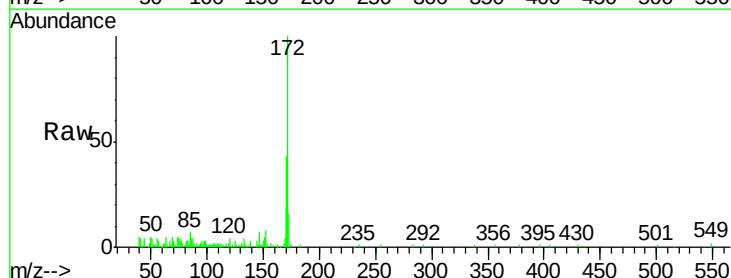
Instrument :
BNA_G
ClientSampleId :
LAR9938

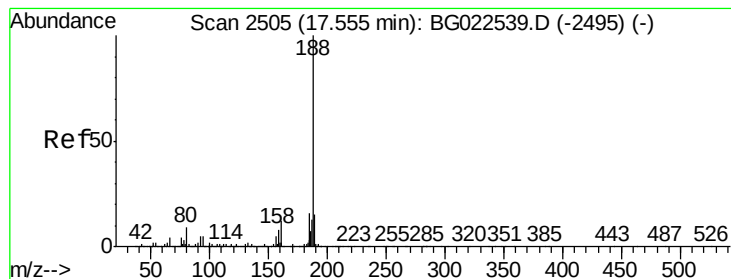
Tgt Ion:330 Resp: 18315
Ion Ratio Lower Upper
330 100
332 88.8 77.4 116.2
141 40.5 31.7 47.5



#44
2-Fluorobiphenyl
Concen: 2.19 ng
RT: 13.42 min Scan# 1801
Delta R.T. -0.01 min
Lab File: BG022877.D
Acq: 6 Jul 2016 15:24

Tgt Ion:172 Resp: 61884
Ion Ratio Lower Upper
172 100
171 42.5 31.6 47.4
170 18.8 21.3 31.9#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.55 min Scan# 2504

Delta R.T. -0.00 min

Lab File: BG022877.D

Acq: 6 Jul 2016 15:24

Instrument :

BNA_G

ClientSampleId :

LAR9938

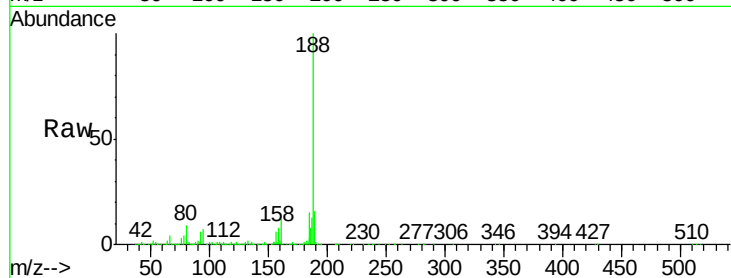
Tgt Ion:188 Resp: 1043720

Ion Ratio Lower Upper

188 100

94 7.3 5.2 7.8

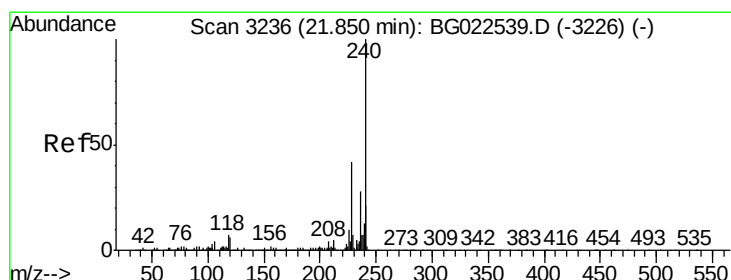
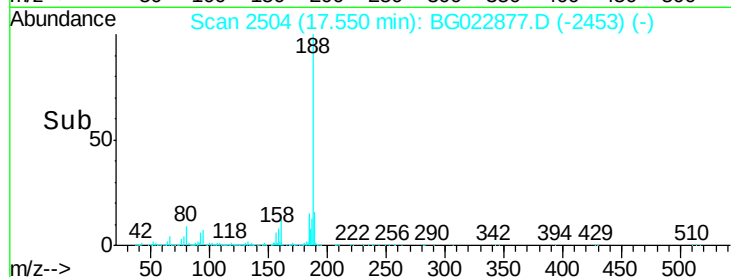
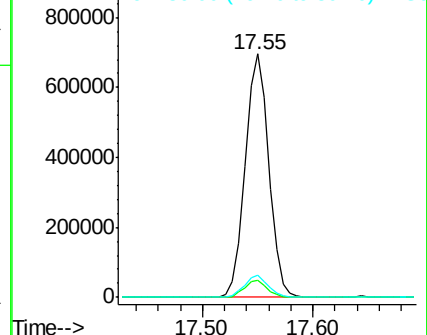
80 9.1 7.2 10.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.84 min Scan# 3235

Delta R.T. -0.00 min

Lab File: BG022877.D

Acq: 6 Jul 2016 15:24

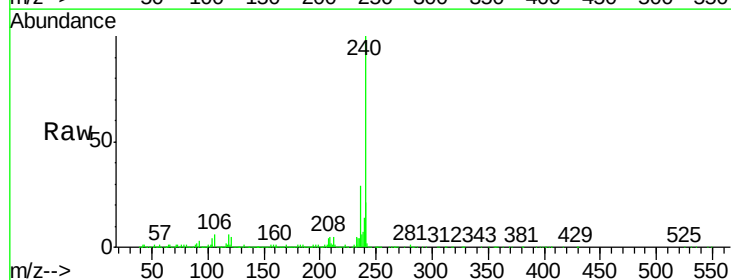
Tgt Ion:240 Resp: 1166514

Ion Ratio Lower Upper

240 100

120 4.8 4.1 6.1

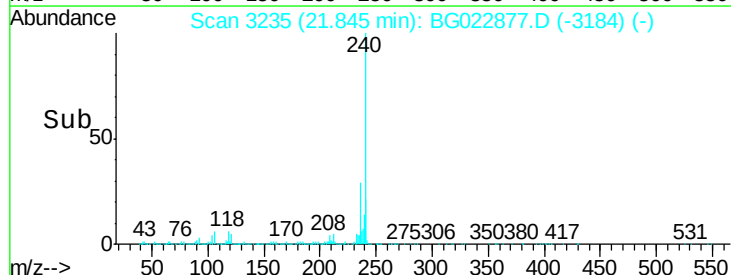
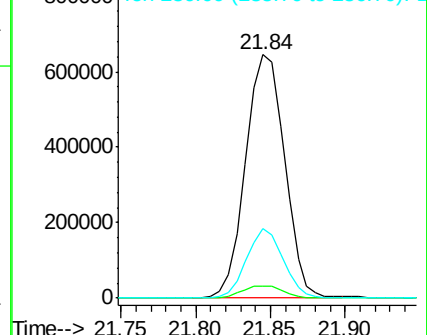
236 28.6 21.1 31.7

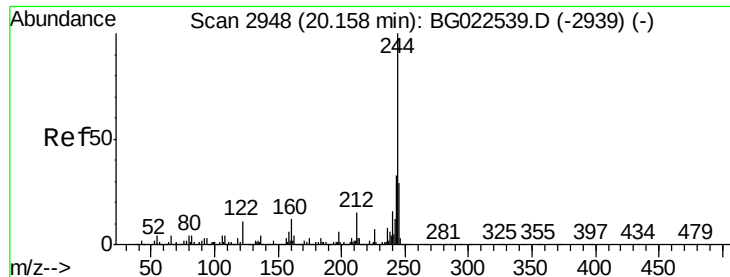


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 2.44 ng

RT: 20.15 min Scan# 2946

Delta R.T. -0.01 min

Lab File: BG022877.D

Acq: 6 Jul 2016 15:24

Instrument :

BNA_G

ClientSampleId :

LAR9938

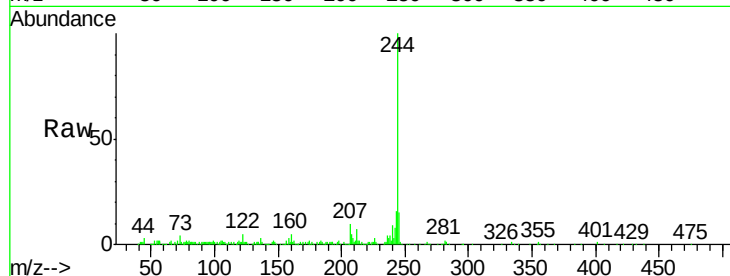
Tgt Ion:244 Resp: 107539

Ion Ratio Lower Upper

244 100

212 7.1 10.8 16.2#

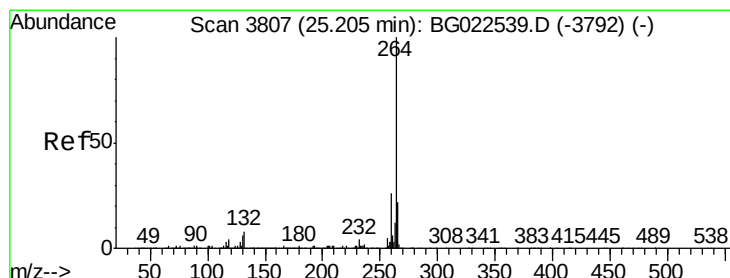
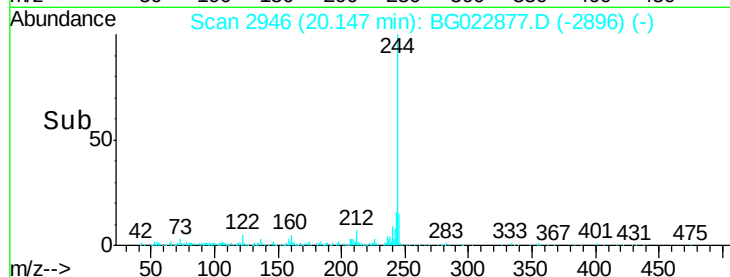
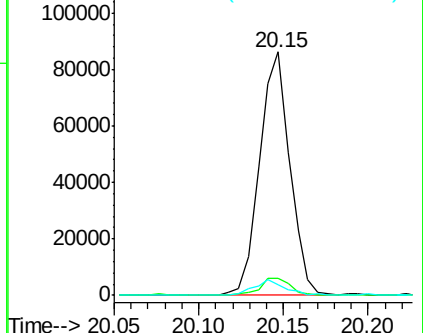
122 4.5 8.0 12.0#



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: 25.22 min Scan# 3809

Delta R.T. 0.01 min

Lab File: BG022877.D

Acq: 6 Jul 2016 15:24

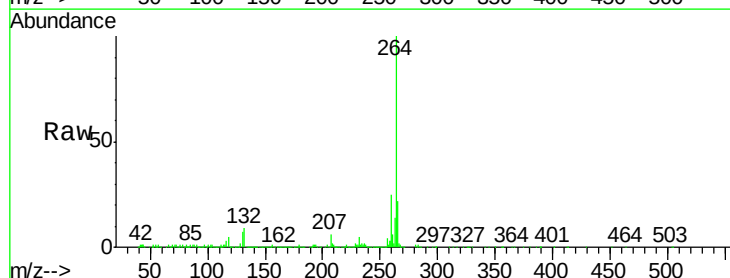
Tgt Ion:264 Resp: 1196466

Ion Ratio Lower Upper

264 100

260 25.2 18.4 27.6

265 21.9 18.9 28.3



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

