

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070716\
 Data File : BG022874.D
 Acq On : 6 Jul 2016 12:39
 Operator : UM/SJ
 Sample : H3786-01 10X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LAR9936

Quant Time: Jul 06 15:40:33 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

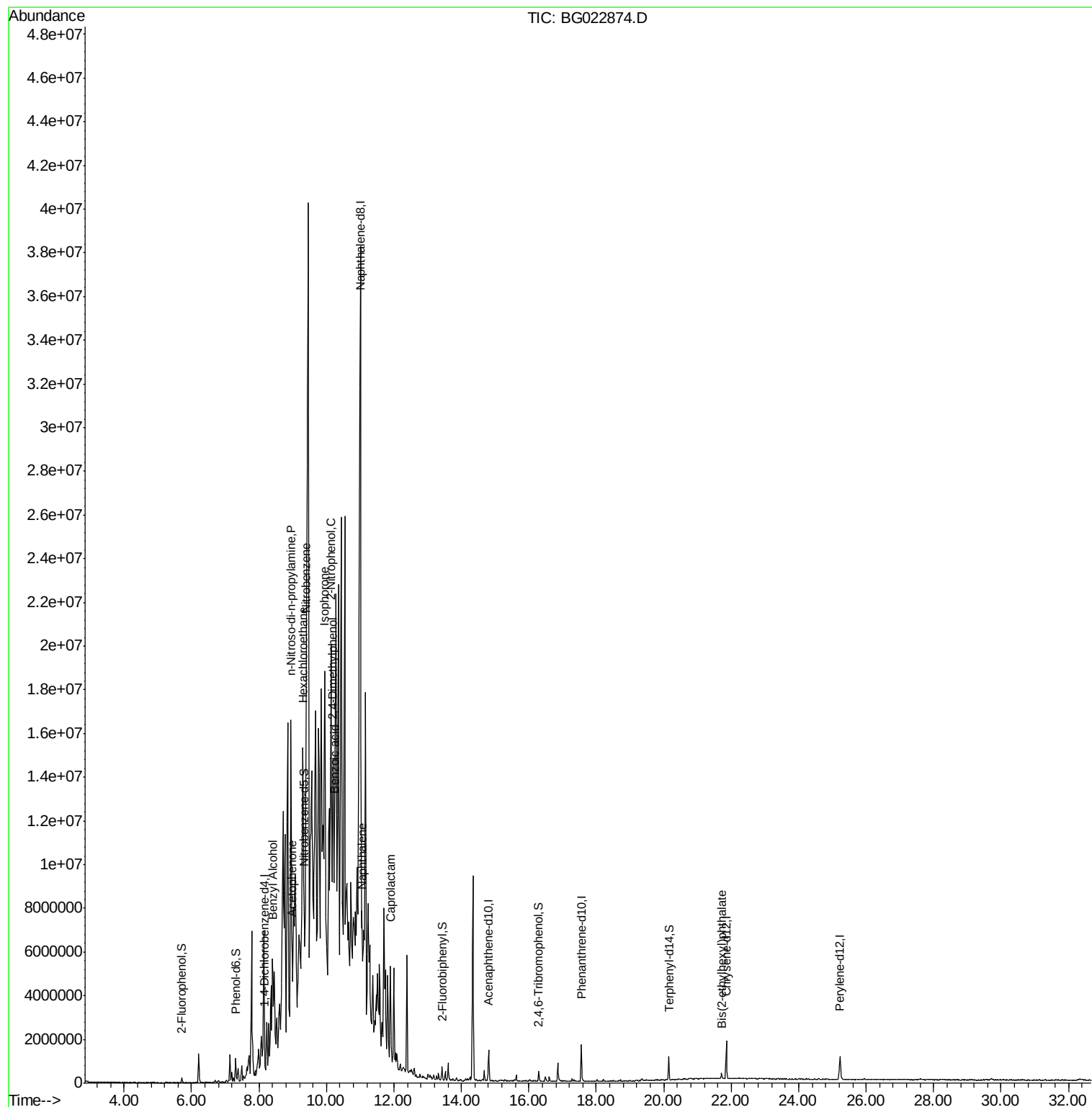
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	145459	20.00	ng	0.00
21) Naphthalene-d8	11.02	136	800330	20.00	ng	0.02
38) Acenaphthene-d10	14.81	164	470297	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	1033151	20.00	ng	0.00
75) Chrysene-d12	21.86	240	1186099	20.00	ng	0.01
86) Perylene-d12	25.23	264	1244044	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	101068	11.14	ng	0.00
7) Phenol-d6	7.31	99	159745	12.50	ng	0.01
23) Nitrobenzene-d5	9.34	82	620544	32.82	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	92933	12.56	ng	0.01
44) 2-Fluorobiphenyl	13.42	172	314545	10.61	ng	0.00
78) Terphenyl-d14	20.15	244	468312	10.46	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	8.39	79	32501	2.75	ng	# 68
18) Hexachloroethane	9.29	117	64850	13.67	ng	# 1
19) n-Nitroso-di-n-propylamine	8.95	70	707837	66.49	ng	# 46
22) Acetophenone	8.99	105	228245	9.86	ng	# 22
24) Nitrobenzene	9.39	77	111931	5.36	ng	# 40
25) Isophorone	9.94	82	1553315	42.32	ng	# 1
26) 2-Nitrophenol	10.13	139	177621	23.59	ng	# 11
27) 2,4-Dimethylphenol	10.19	122	34096	2.37	ng	# 64
31) Naphthalene	11.06	128	186397	4.63	ng	# 74
32) Benzoic acid	10.23	122	106206	15.21	ng	# 44
35) Caprolactam	11.90	113	73816	16.72	ng	# 1
83) Bis(2-ethylhexyl)phthalate	21.71	149	102497	2.66	ng	# 96

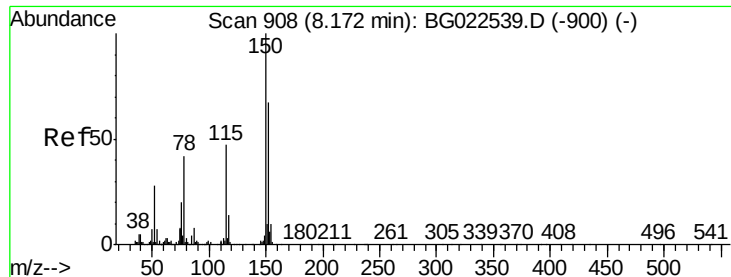
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.17 min Scan# 908

Delta R.T. -0.00 min

Lab File: BG022874.D

Acq: 6 Jul 2016 12:39

Instrument :

BNA_G

ClientSampleId :

LAR9936

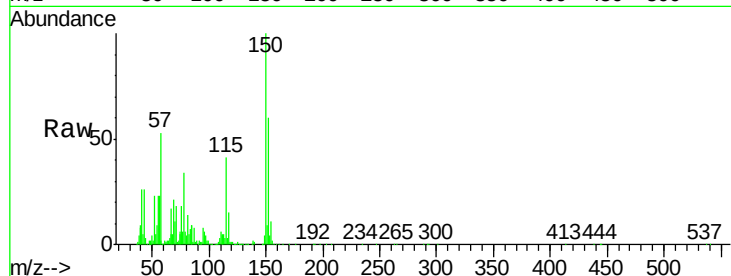
Tgt Ion:152 Resp: 145459

Ion Ratio Lower Upper

152 100

150 166.9 144.7 217.1

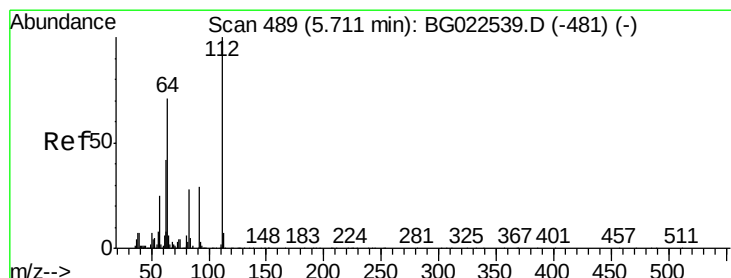
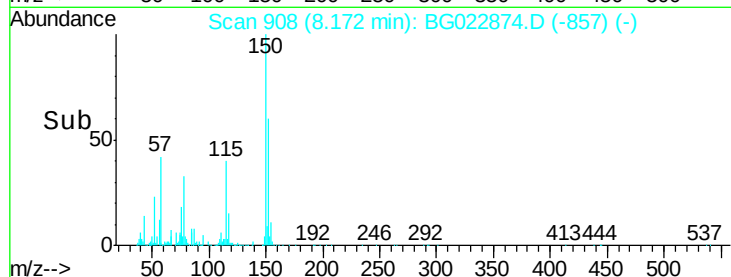
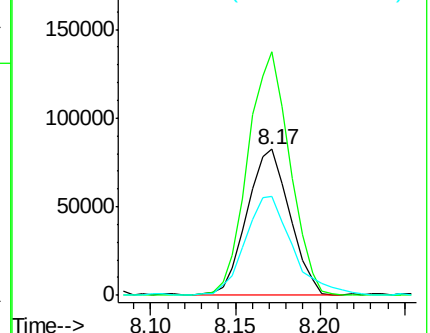
115 67.8 64.0 96.0



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: 11.14 ng

RT: 5.71 min Scan# 489

Delta R.T. 0.01 min

Lab File: BG022874.D

Acq: 6 Jul 2016 12:39

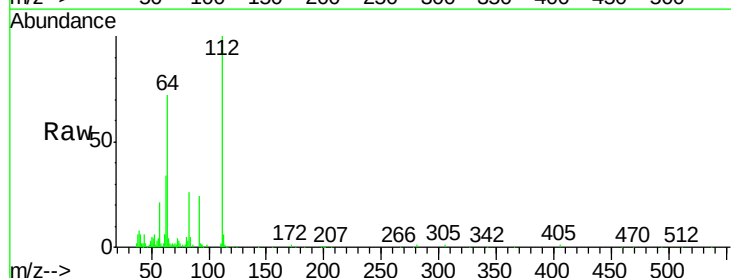
Tgt Ion:112 Resp: 101068

Ion Ratio Lower Upper

112 100

64 71.6 59.0 88.4

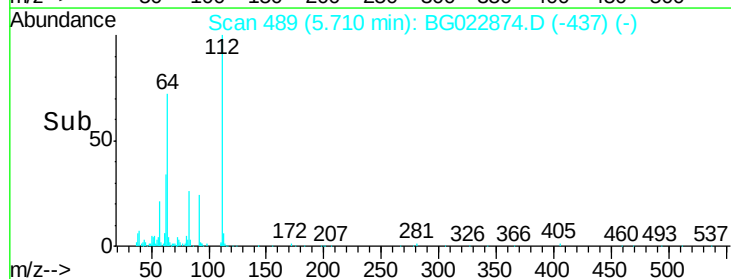
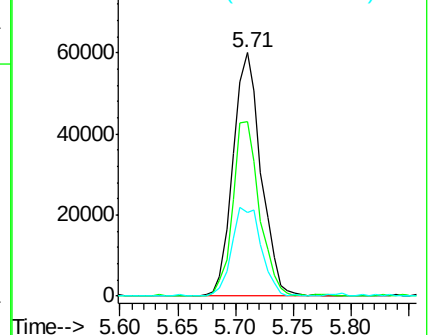
63 34.1 37.8 56.8#

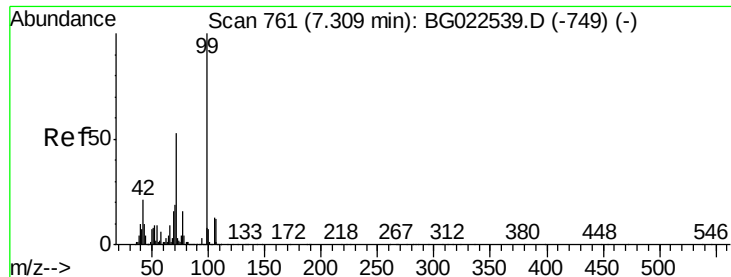


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 12.50 ng

RT: 7.31 min Scan# 762

Delta R.T. 0.01 min

Lab File: BG022874.D

Acq: 6 Jul 2016 12:39

Instrument :

BNA_G

ClientSampleId :

LAR9936

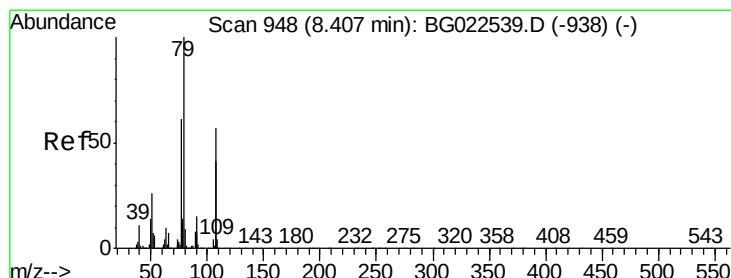
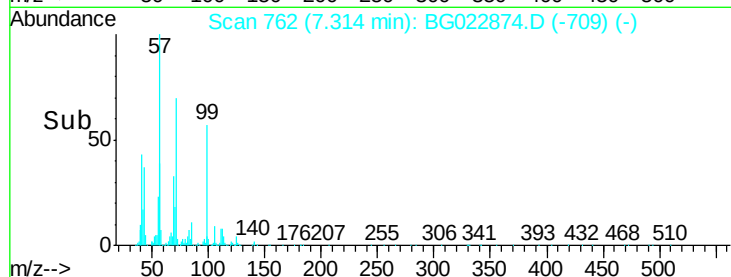
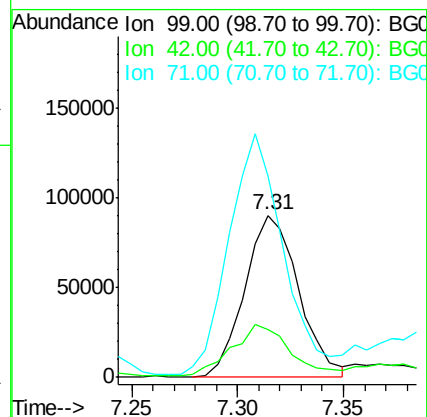
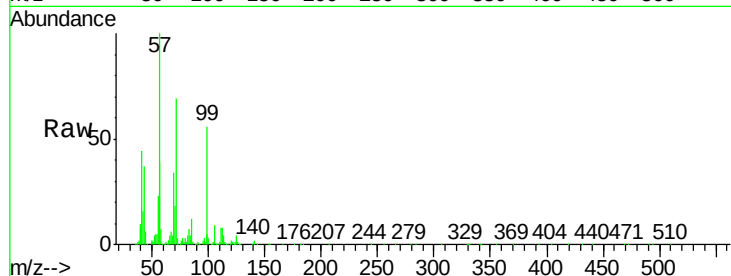
Tgt Ion: 99 Resp: 159745

Ion Ratio Lower Upper

99 100

42 29.3 17.8 26.6#

71 124.2 41.5 62.3#



#15

Benzyl Alcohol

Concen: 2.75 ng

RT: 8.39 min Scan# 945

Delta R.T. -0.01 min

Lab File: BG022874.D

Acq: 6 Jul 2016 12:39

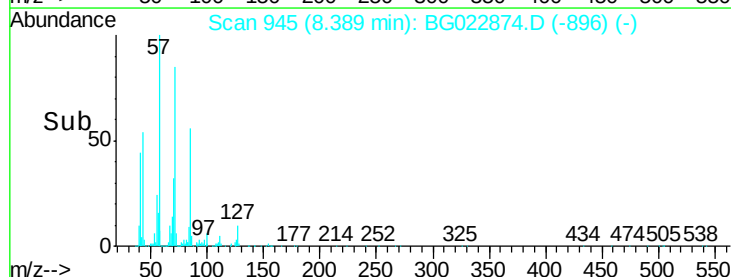
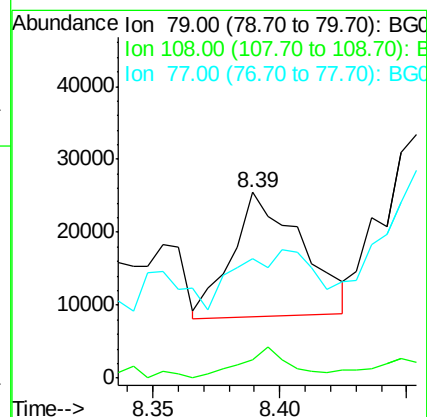
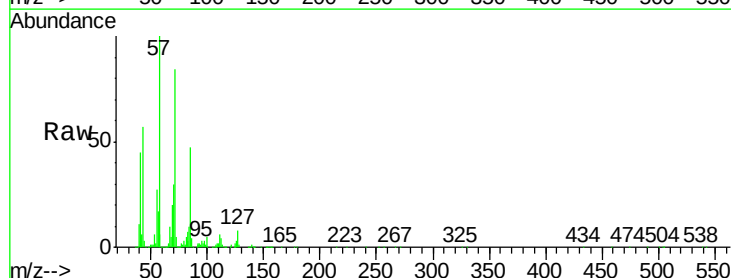
Tgt Ion: 79 Resp: 32501

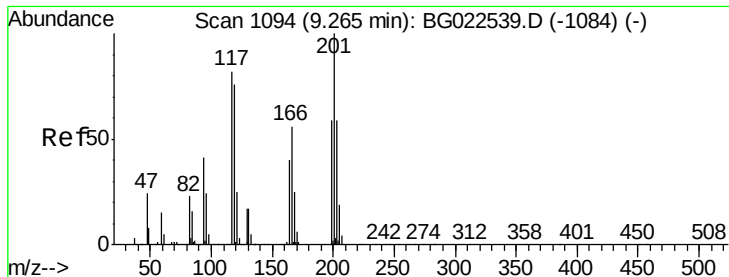
Ion Ratio Lower Upper

79 100

108 9.6 46.5 69.7#

77 64.0 52.3 78.5

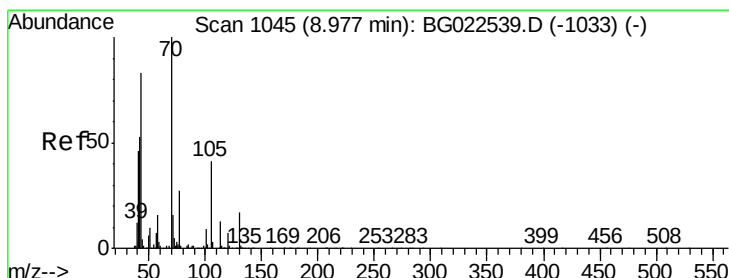
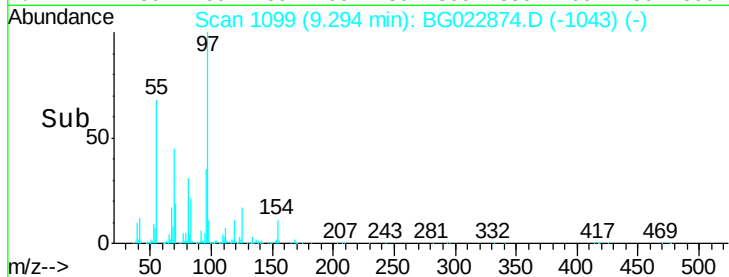
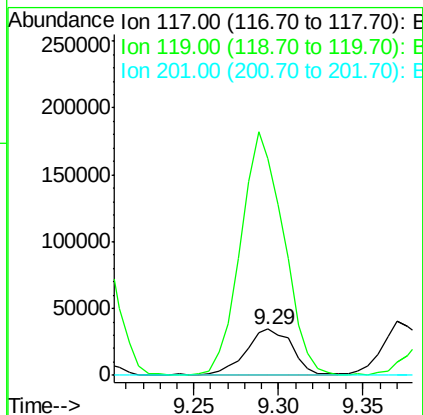
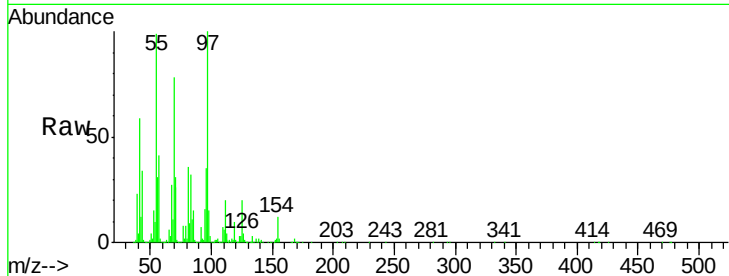




#18
Hexachloroethane
Concen: 13.67 ng
RT: 9.29 min Scan# 1099
Delta R.T. 0.03 min
Lab File: BG022874.D
Acq: 6 Jul 2016 12:39

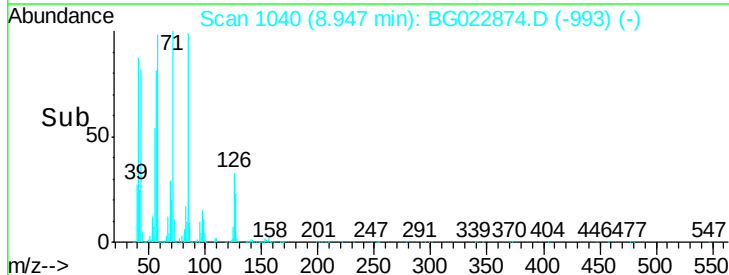
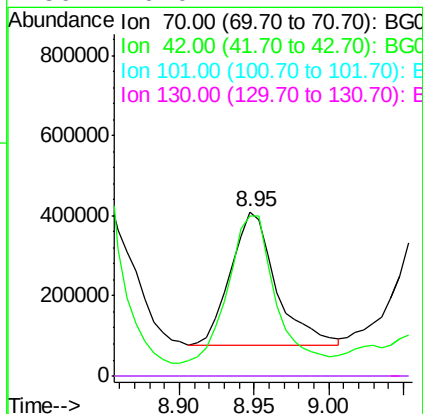
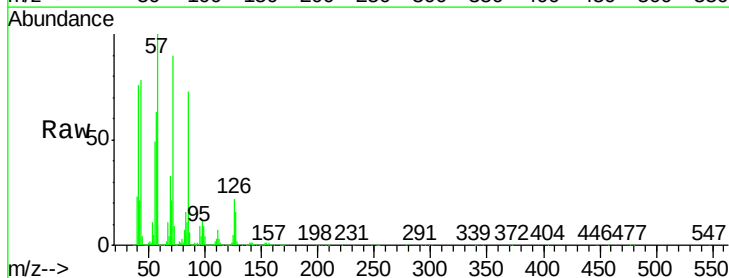
Instrument :
BNA_G
ClientSampleId :
LAR9936

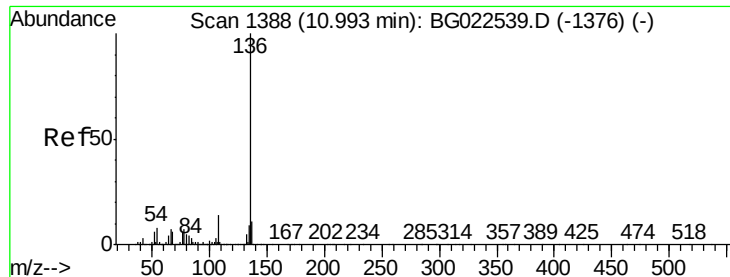
Tgt Ion: 117 Resp: 64850
Ion Ratio Lower Upper
117 100
119 471.3 73.7 110.5#
201 0.0 88.7 133.1#



#19
n-Nitroso-di-n-propylamine
Concen: 66.49 ng
RT: 8.95 min Scan# 1040
Delta R.T. -0.02 min
Lab File: BG022874.D
Acq: 6 Jul 2016 12:39

Tgt Ion: 70 Resp: 707837
Ion Ratio Lower Upper
70 100
42 97.3 42.1 63.1#
101 0.1 7.2 10.8#
130 0.0 14.2 21.2#

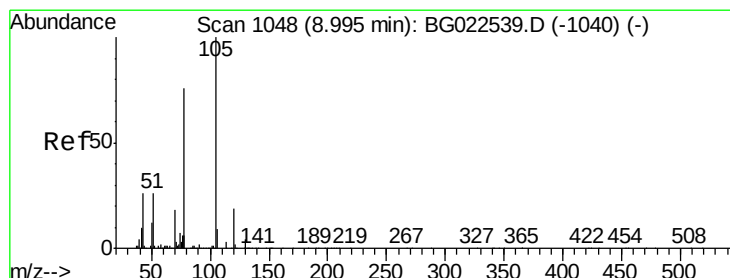
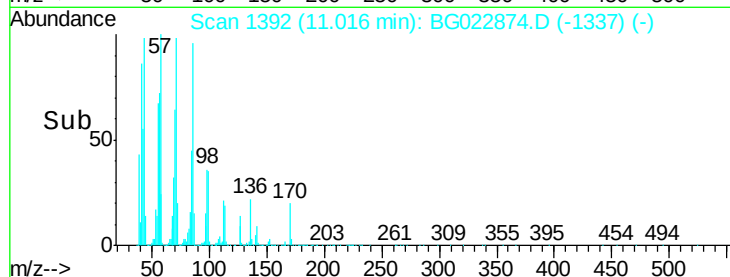
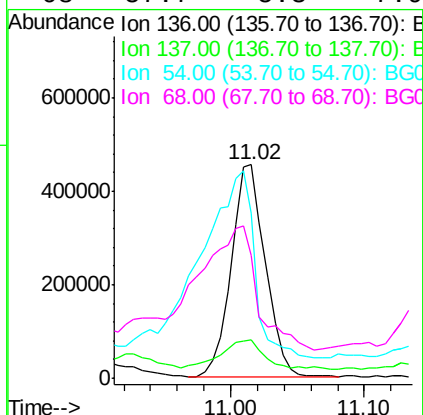
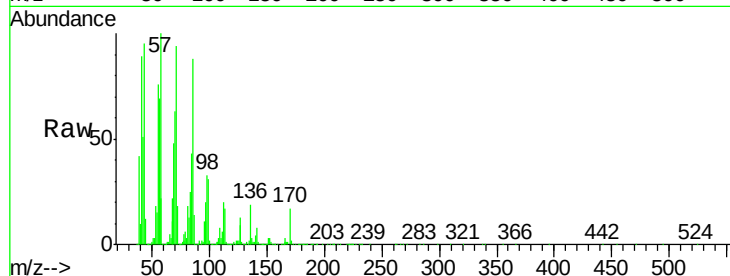




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.02 min Scan# 1392
Delta R.T. 0.02 min
Lab File: BG022874.D
Acq: 6 Jul 2016 12:39

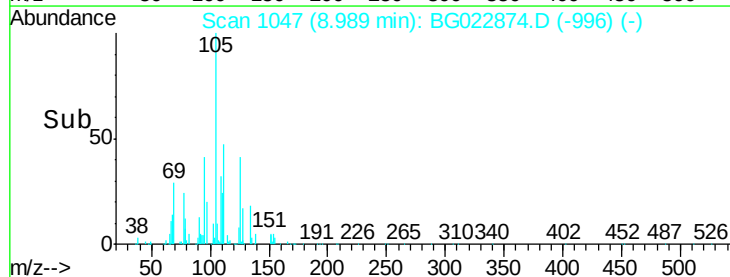
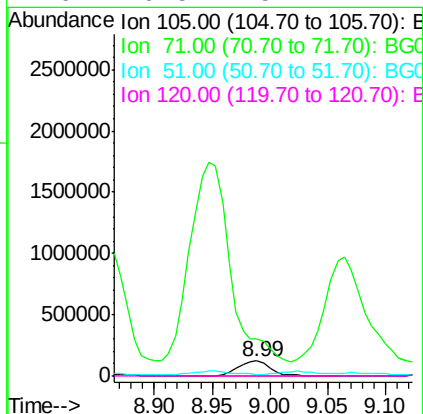
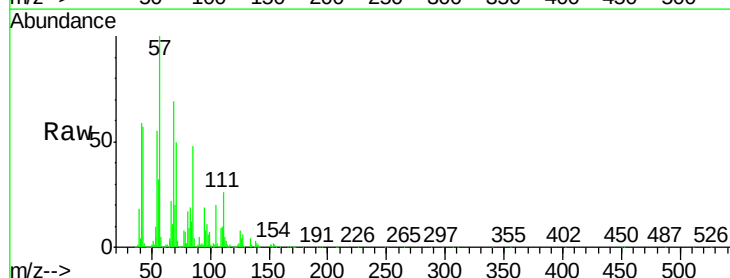
Instrument :
BNA_G
ClientSampleId :
LAR9936

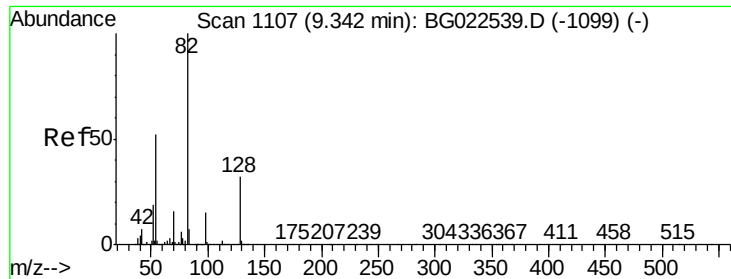
Tgt Ion:	136	Resp:	800330
Ion Ratio	Lower	Upper	
136	100		
137	17.7	9.6	14.4#
54	77.6	7.3	10.9#
68	57.7	5.3	7.9#



#22
Acetophenone
Concen: 9.86 ng
RT: 8.99 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BG022874.D
Acq: 6 Jul 2016 12:39

Tgt Ion:	105	Resp:	228245
Ion Ratio	Lower	Upper	
105	100		
71	246.7	2.6	3.8#
51	12.9	27.1	40.7#
120	0.5	15.1	22.7#

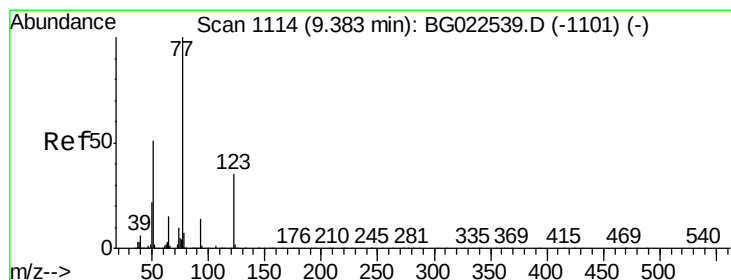
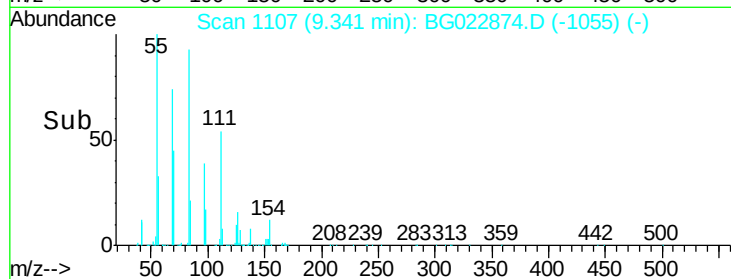
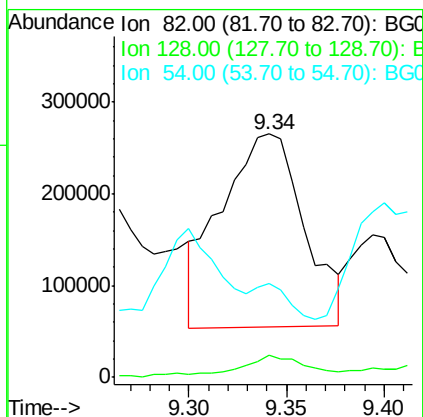
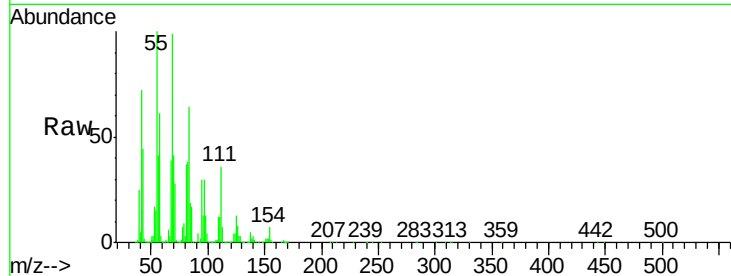




#23
Nitrobenzene-d5
Concen: 32.82 ng
RT: 9.34 min Scan# 1107
Delta R.T. 0.00 min
Lab File: BG022874.D
Acq: 6 Jul 2016 12:39

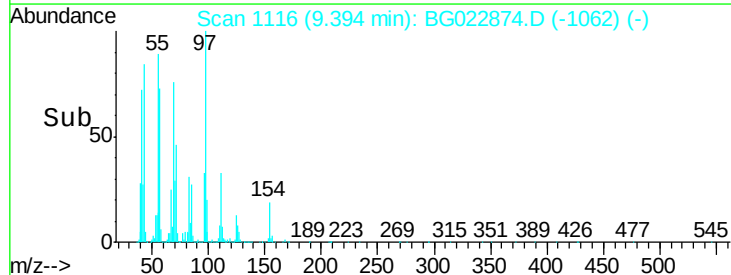
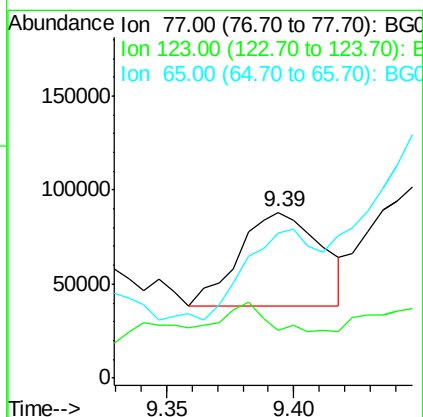
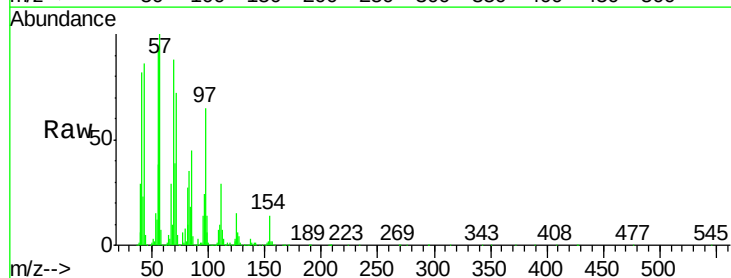
Instrument :
BNA_G
ClientSampleId :
LAR9936

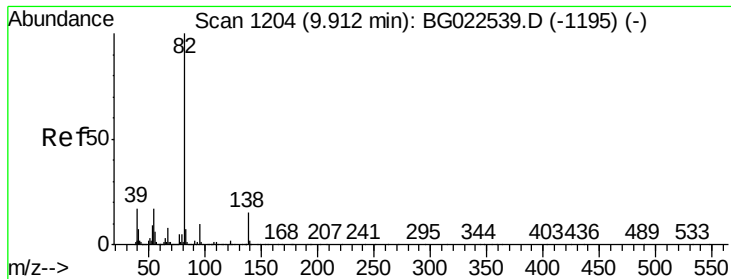
Tgt Ion: 82 Resp: 620544
Ion Ratio Lower Upper
82 100
128 9.0 24.4 36.6#
54 38.3 41.4 62.0#



#24
Nitrobenzene
Concen: 5.36 ng
RT: 9.39 min Scan# 1116
Delta R.T. 0.02 min
Lab File: BG022874.D
Acq: 6 Jul 2016 12:39

Tgt Ion: 77 Resp: 111931
Ion Ratio Lower Upper
77 100
123 28.9 25.0 37.6
65 87.6 13.4 20.0#





#25

Isophorone

Concen: 42.32 ng

RT: 9.94 min Scan# 1209

Delta R.T. 0.03 min

Lab File: BG022874.D

Acq: 6 Jul 2016 12:39

Instrument :

BNA_G

ClientSampleId :

LAR9936

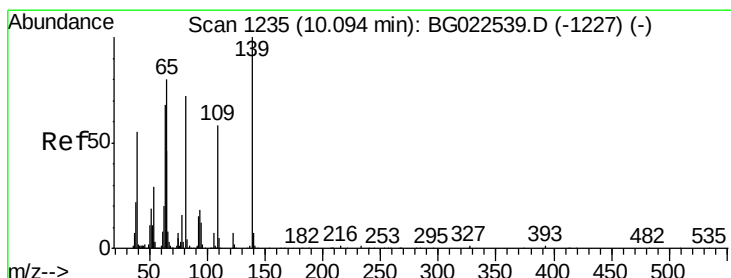
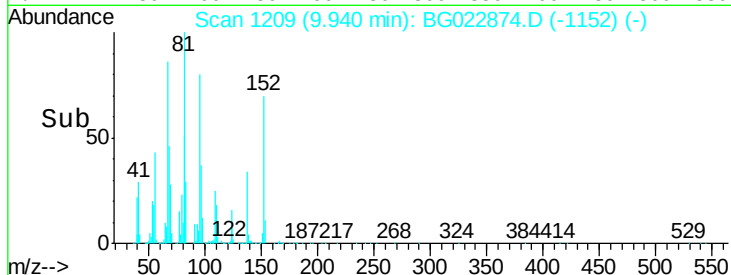
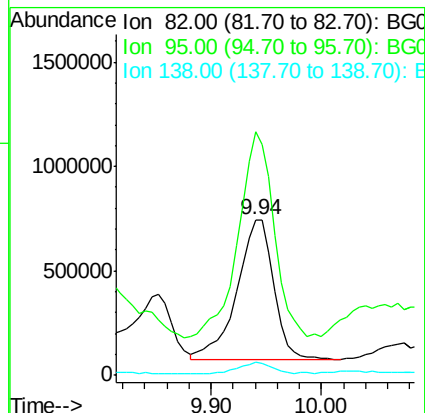
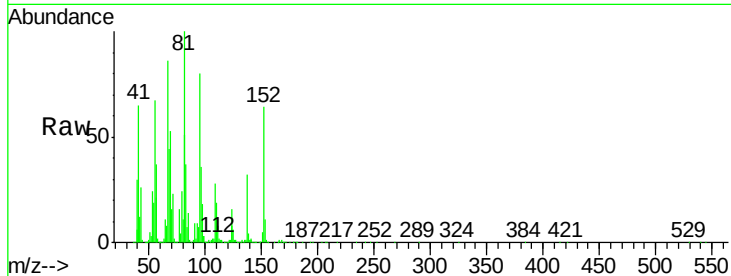
Tgt Ion: 82 Resp: 1553315

Ion Ratio Lower Upper

82 100

95 156.6 8.2 12.2#

138 8.1 10.7 16.1#



#26

2-Nitrophenol

Concen: 23.59 ng

RT: 10.13 min Scan# 1241

Delta R.T. 0.04 min

Lab File: BG022874.D

Acq: 6 Jul 2016 12:39

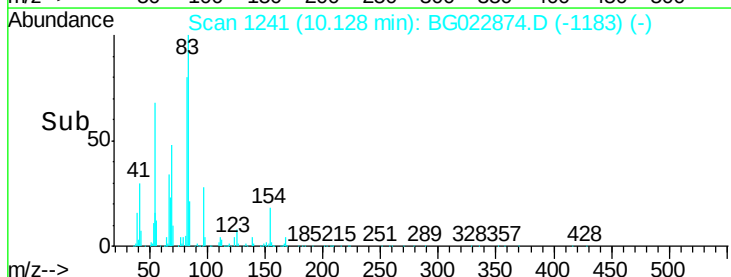
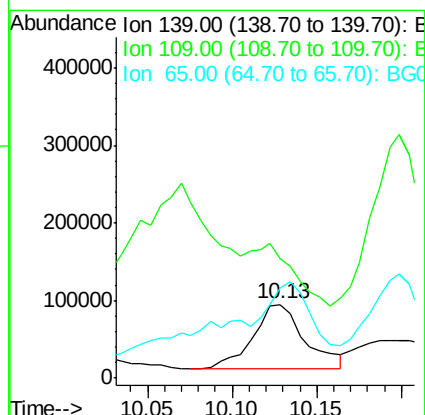
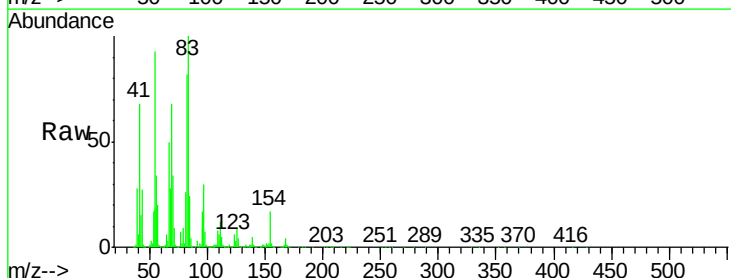
Tgt Ion: 139 Resp: 177621

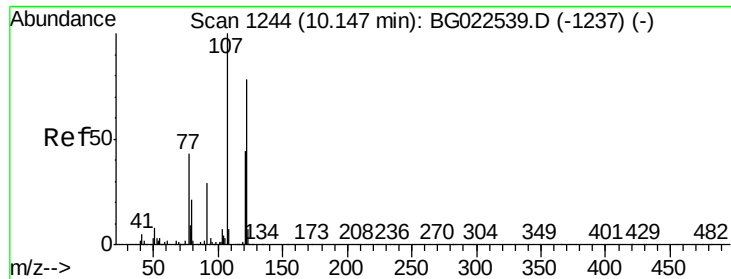
Ion Ratio Lower Upper

139 100

109 161.7 43.5 65.3#

65 122.5 64.3 96.5#

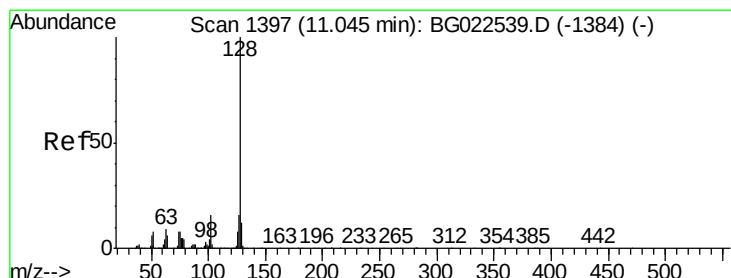
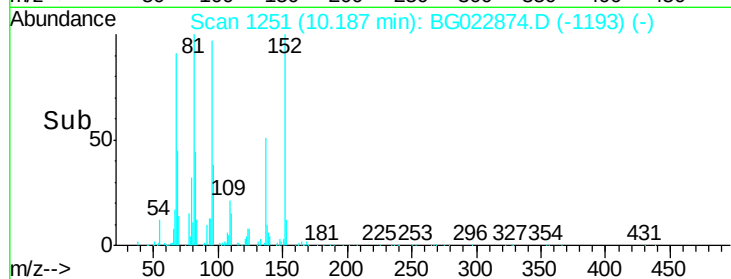
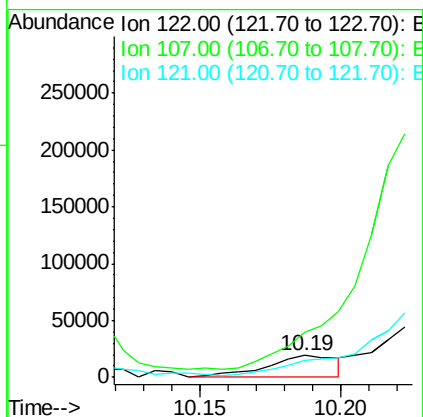
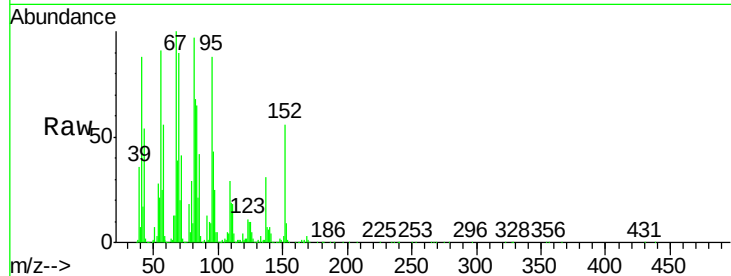




#27
2,4-Dimethylphenol
Concen: 2.37 ng
RT: 10.19 min Scan# 1251
Delta R.T. 0.04 min
Lab File: BG022874.D
Acq: 6 Jul 2016 12:39

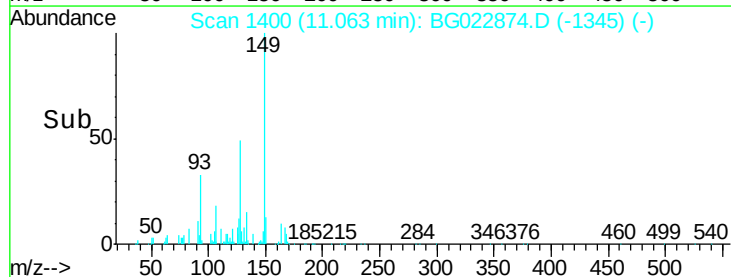
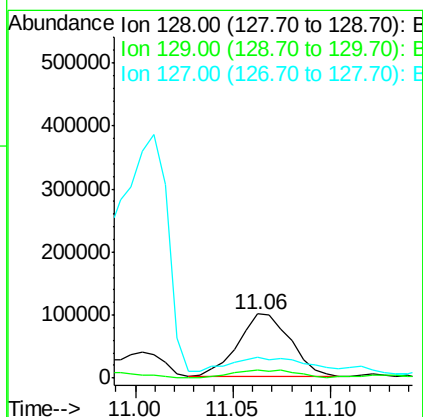
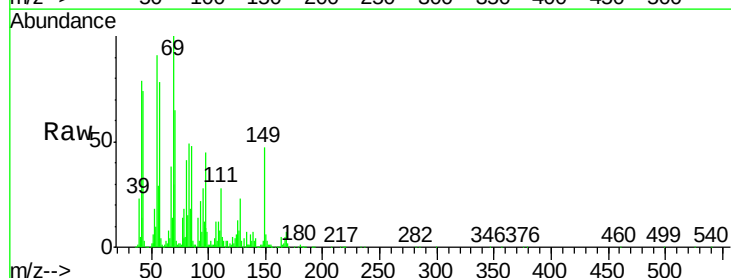
Instrument :
BNA_G
ClientSampled :
LAR9936

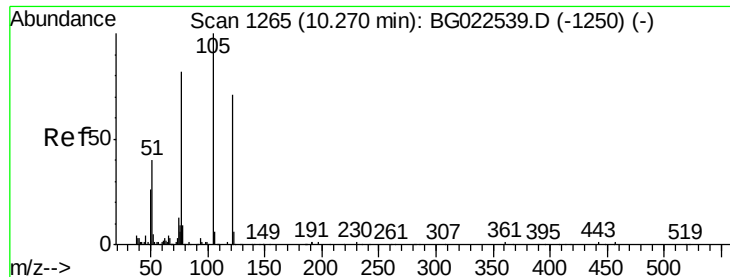
Tgt Ion:122 Resp: 34096
Ion Ratio Lower Upper
122 100
107 202.2 117.0 175.4#
121 75.3 50.1 75.1#



#31
Naphthalene
Concen: 4.63 ng
RT: 11.06 min Scan# 1400
Delta R.T. 0.02 min
Lab File: BG022874.D
Acq: 6 Jul 2016 12:39

Tgt Ion:128 Resp: 186397
Ion Ratio Lower Upper
128 100
129 13.1 9.4 14.0
127 32.4 11.3 16.9#





#32

Benzoic acid

Concen: 15.21 ng

RT: 10.23 min Scan# 1258

Delta R.T. 0.03 min

Lab File: BG022874.D

Acq: 6 Jul 2016 12:39

Instrument :

BNA_G

ClientSampleId :

LAR9936

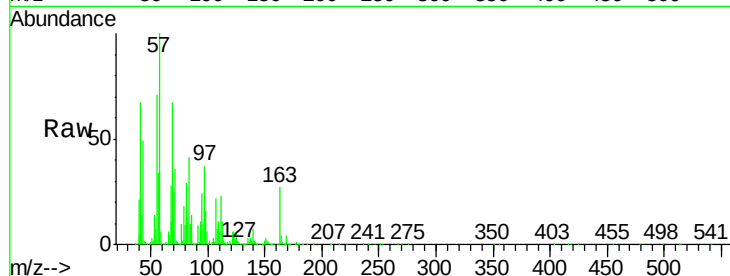
Tgt Ion:122 Resp: 106206

Ion Ratio Lower Upper

122 100

105 44.2 117.2 157.2#

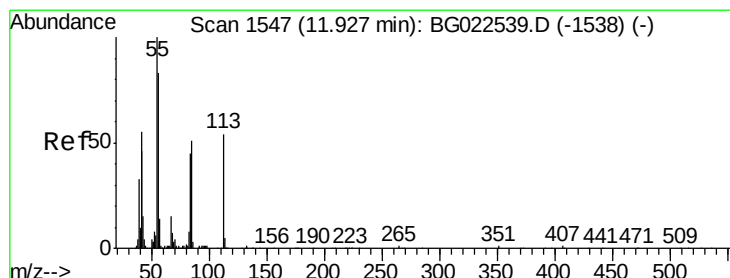
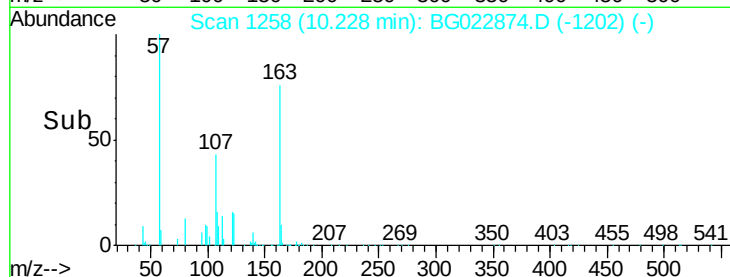
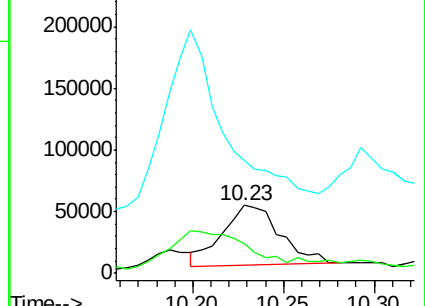
77 168.1 109.2 149.2#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC



#35

Caprolactam

Concen: 16.72 ng

RT: 11.90 min Scan# 1542

Delta R.T. -0.00 min

Lab File: BG022874.D

Acq: 6 Jul 2016 12:39

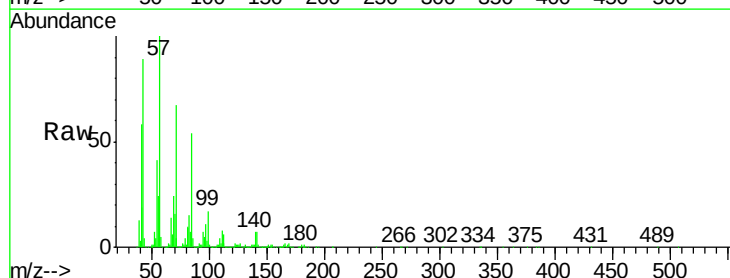
Tgt Ion:113 Resp: 73816

Ion Ratio Lower Upper

113 100

55 667.6 154.5 194.5#

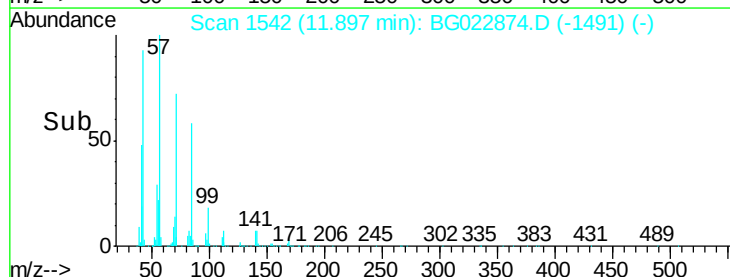
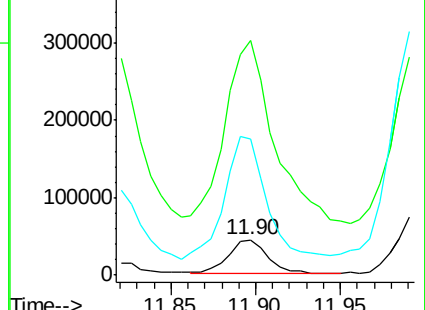
56 387.8 125.1 165.1#

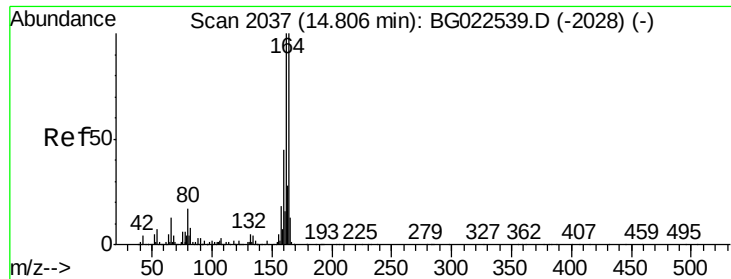


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.81 min Scan# 2037

Delta R.T. 0.00 min

Lab File: BG022874.D

Acq: 6 Jul 2016 12:39

Instrument :

BNA_G

ClientSampleId :

LAR9936

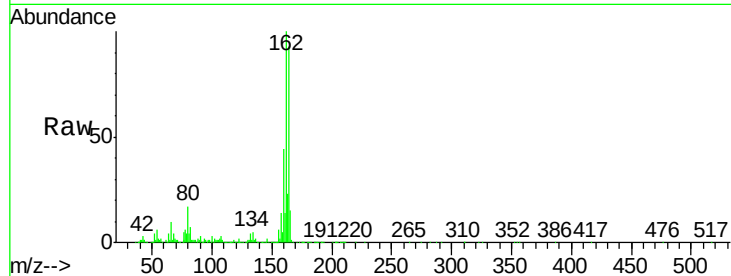
Tgt Ion:164 Resp: 470297

Ion Ratio Lower Upper

164 100

162 107.7 87.7 131.5

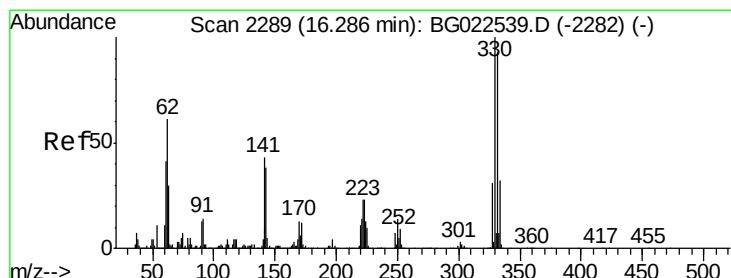
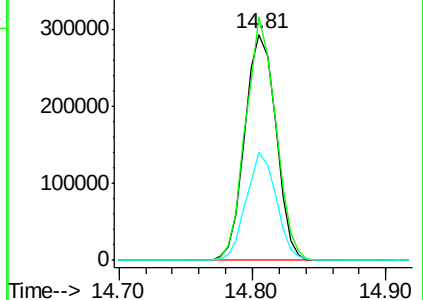
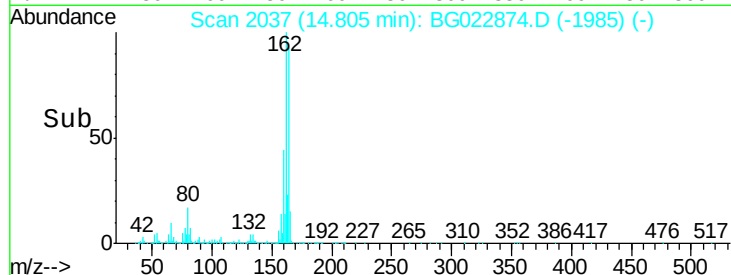
160 47.6 37.2 55.8



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: 12.56 ng

RT: 16.30 min Scan# 2291

Delta R.T. 0.01 min

Lab File: BG022874.D

Acq: 6 Jul 2016 12:39

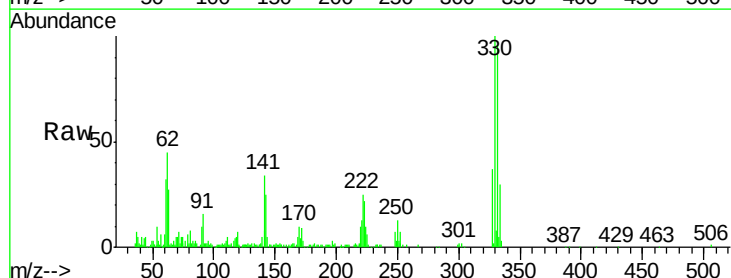
Tgt Ion:330 Resp: 92933

Ion Ratio Lower Upper

330 100

332 97.1 77.4 116.2

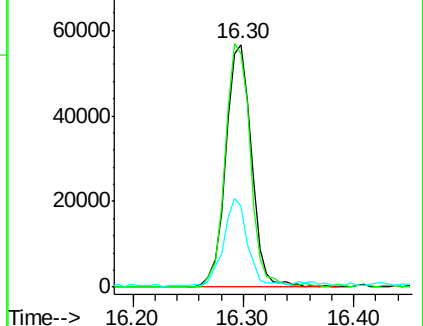
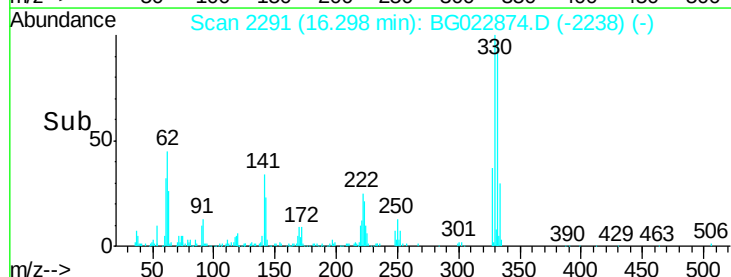
141 33.3 31.7 47.5

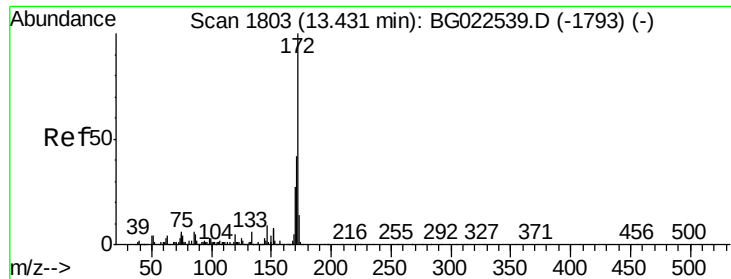


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

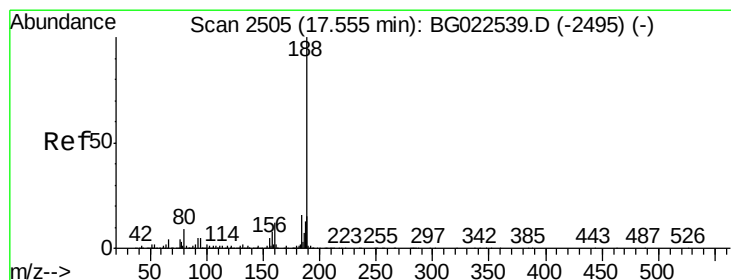
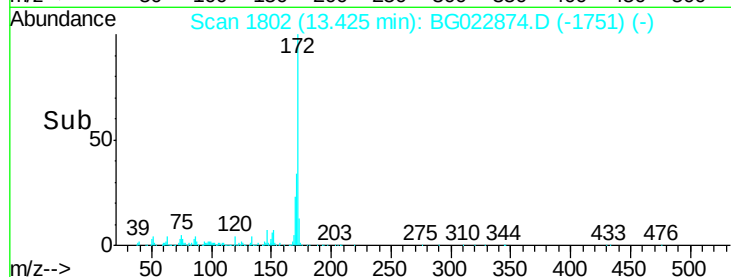
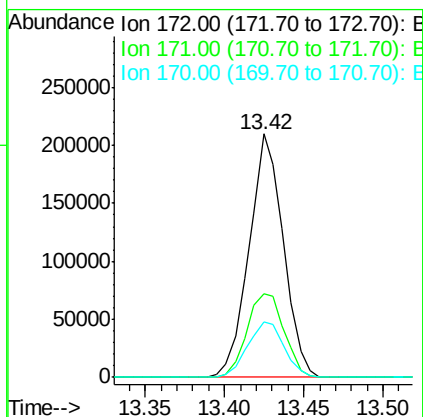
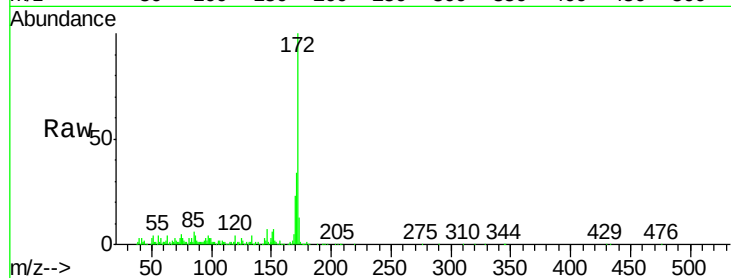




#44
2-Fluorobiphenyl
Concen: 10.61 ng
RT: 13.42 min Scan# 1802
Delta R.T. -0.00 min
Lab File: BG022874.D
Acq: 6 Jul 2016 12:39

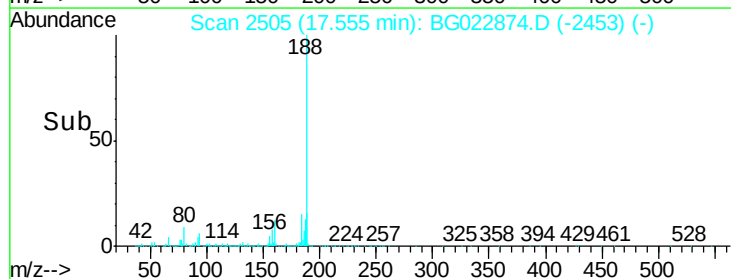
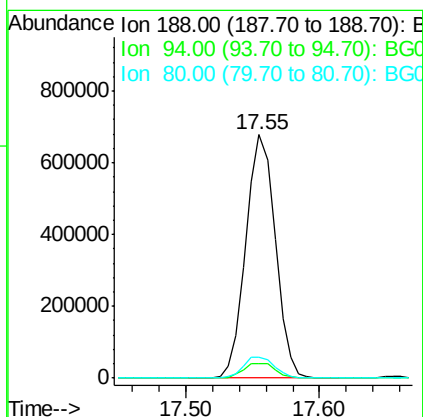
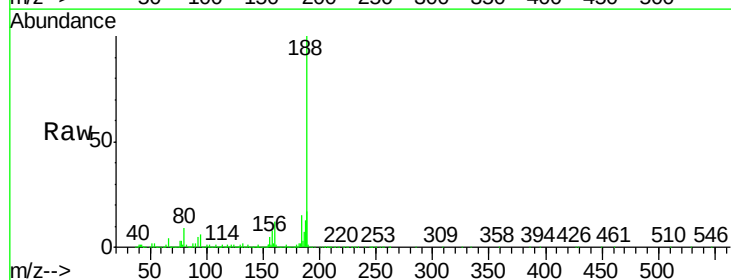
Instrument :
BNA_G
ClientSampleId :
LAR9936

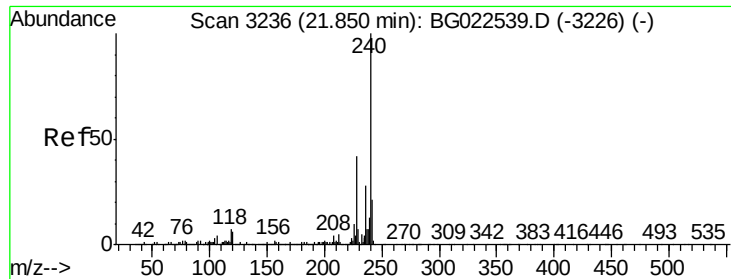
Tgt Ion:172 Resp: 314545
Ion Ratio Lower Upper
172 100
171 34.4 31.6 47.4
170 22.7 21.3 31.9



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2505
Delta R.T. 0.00 min
Lab File: BG022874.D
Acq: 6 Jul 2016 12:39

Tgt Ion:188 Resp: 1033151
Ion Ratio Lower Upper
188 100
94 6.1 5.2 7.8
80 8.8 7.2 10.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.86 min Scan# 3237

Delta R.T. 0.01 min

Lab File: BG022874.D

Acq: 6 Jul 2016 12:39

Instrument :

BNA_G

ClientSampleId :

LAR9936

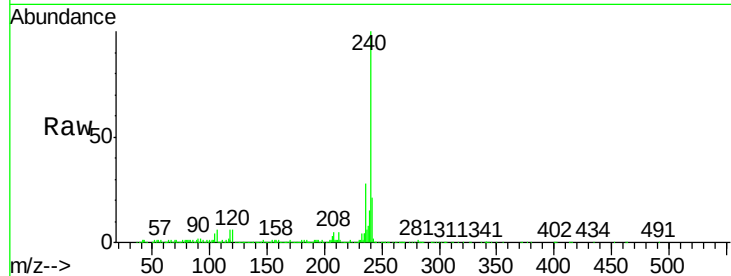
Tgt Ion:240 Resp: 1186099

Ion Ratio Lower Upper

240 100

120 6.4 4.1 6.1#

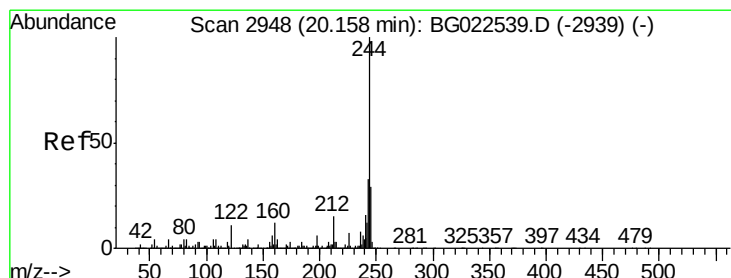
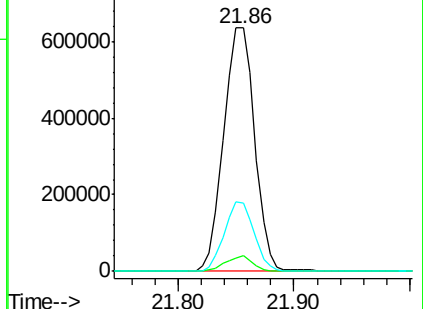
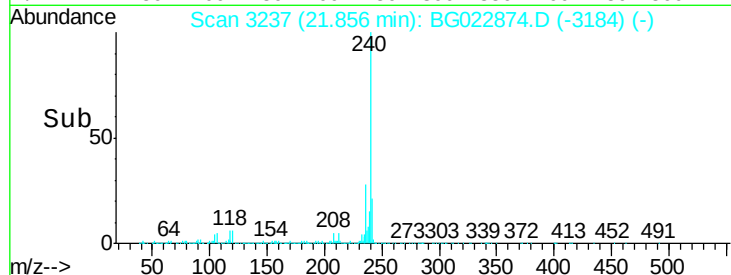
236 27.8 21.1 31.7



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: 10.46 ng

RT: 20.15 min Scan# 2947

Delta R.T. -0.00 min

Lab File: BG022874.D

Acq: 6 Jul 2016 12:39

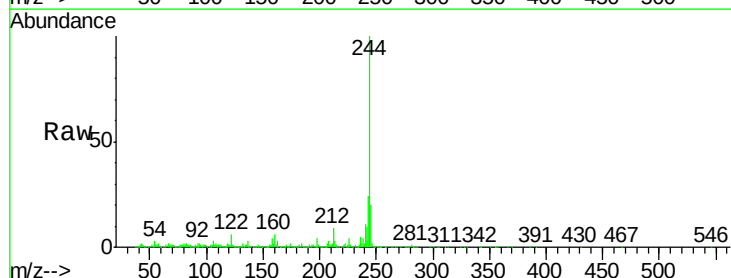
Tgt Ion:244 Resp: 468312

Ion Ratio Lower Upper

244 100

212 9.1 10.8 16.2#

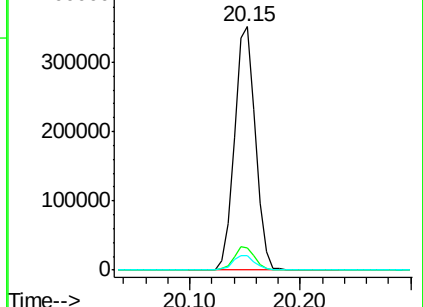
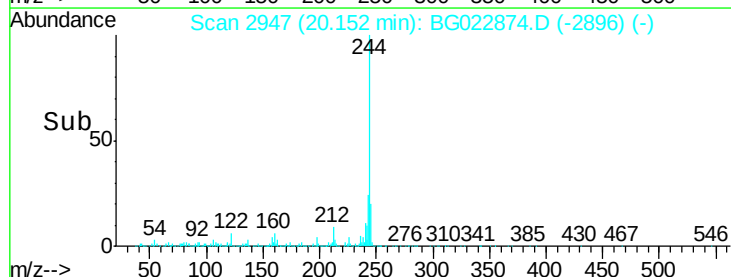
122 6.1 8.0 12.0#

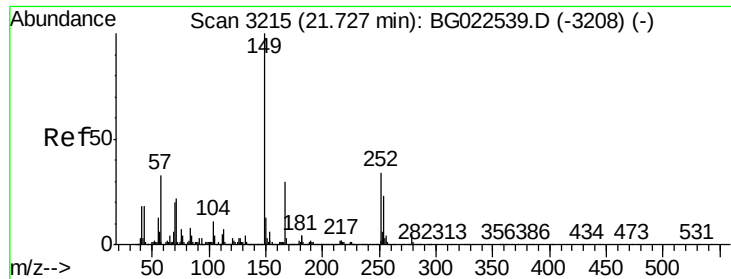


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

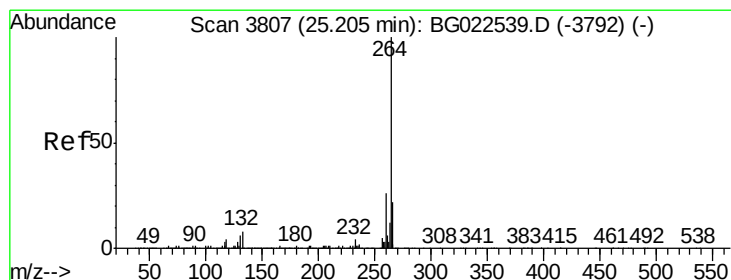
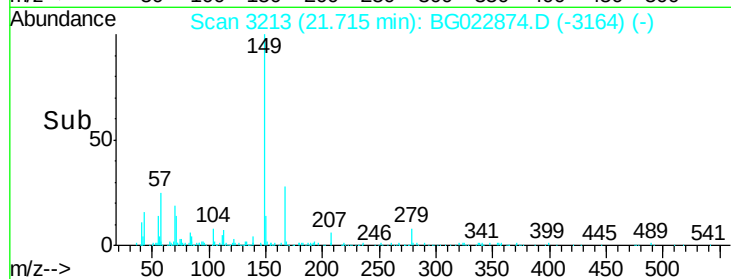
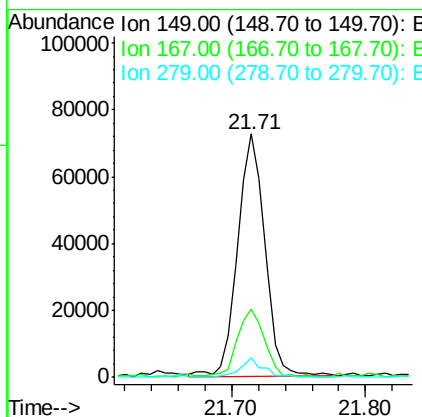
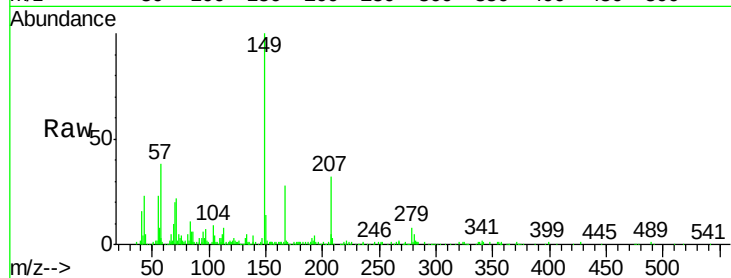




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.66 ng
 RT: 21.71 min Scan# 3213
 Delta R.T. -0.01 min
 Lab File: BG022874.D
 Acq: 6 Jul 2016 12:39

Instrument :
 BNA_G
 ClientSampleId :
 LAR9936

Tgt Ion:149 Resp: 102497
 Ion Ratio Lower Upper
 149 100
 167 28.0 24.0 36.0
 279 8.0 4.8 7.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.23 min Scan# 3811
 Delta R.T. 0.02 min
 Lab File: BG022874.D
 Acq: 6 Jul 2016 12:39

Tgt Ion:264 Resp: 1244044
 Ion Ratio Lower Upper
 264 100
 260 24.8 18.4 27.6
 265 21.5 18.9 28.3

