

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070716\
 Data File : BG022879.D
 Acq On : 6 Jul 2016 16:44
 Operator : UM/SJ
 Sample : H3803-01 50X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LAR9940

Quant Time: Jul 06 18:10:01 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

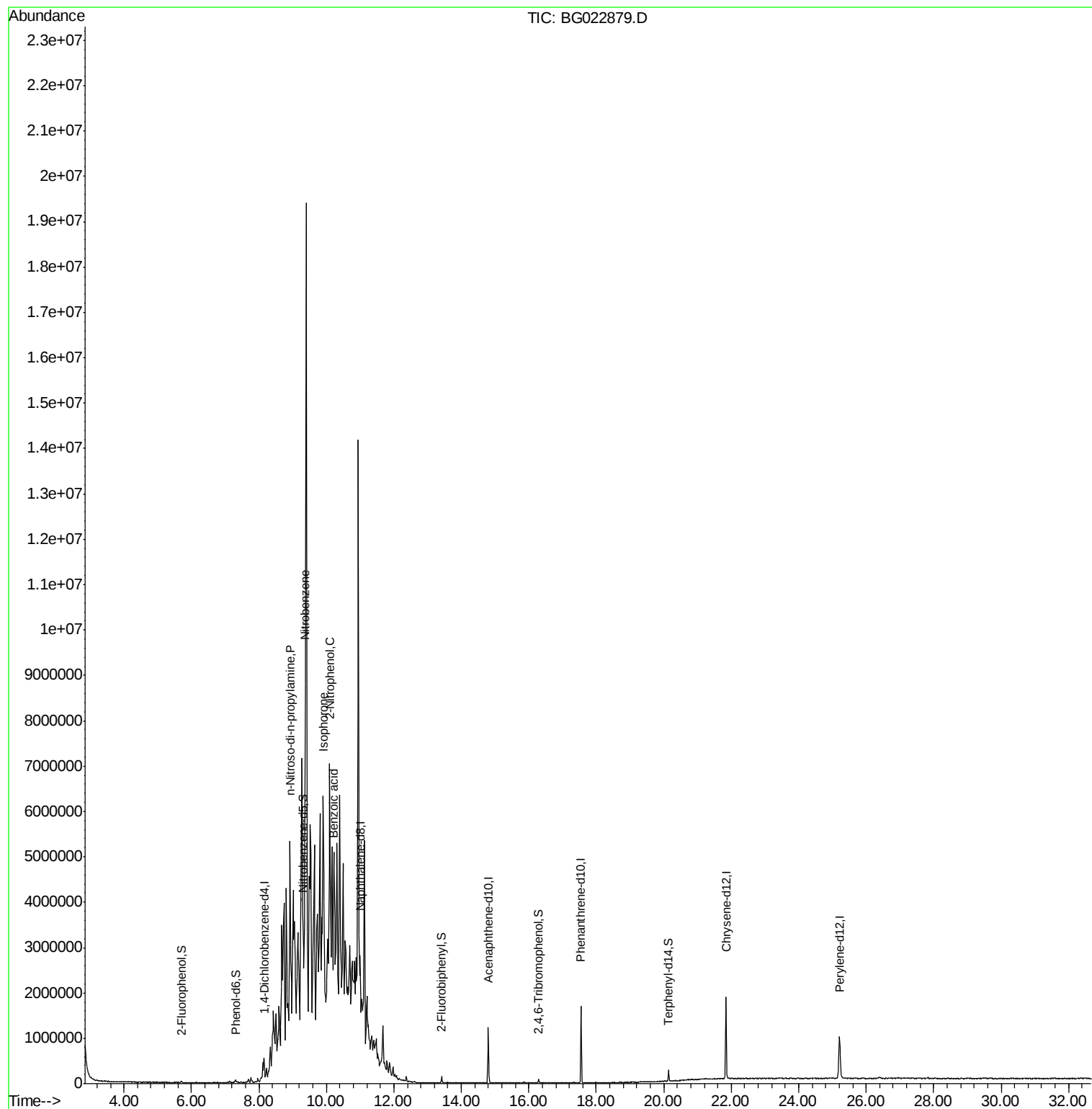
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	128560	20.00	ng	-0.02
21) Naphthalene-d8	10.99	136	547258	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	437497	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	1013622	20.00	ng	0.00
75) Chrysene-d12	21.84	240	1148922	20.00	ng	0.00
86) Perylene-d12	25.21	264	1141130	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	20395	2.54	ng	0.00
7) Phenol-d6	7.31	99	29593	2.62	ng	0.00
23) Nitrobenzene-d5	9.31	82	145754	11.27	ng	-0.02
41) 2,4,6-Tribromophenol	16.29	330	17442	2.53	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	70856	2.57	ng	0.00
78) Terphenyl-d14	20.14	244	108178	2.49	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.92	70	185616	19.73	ng	# 68
24) Nitrobenzene	9.37	77	47964	3.36	ng	# 41
25) Isophorone	9.90	82	544032	21.67	ng	# 1
26) 2-Nitrophenol	10.09	139	57742	11.22	ng	# 1
32) Benzoic acid	10.20	122	38636	10.48	ng	# 48

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 905

Delta R.T. -0.02 min

Lab File: BG022879.D

Acq: 6 Jul 2016 16:44

Instrument :

BNA_G

ClientSampleId :

LAR9940

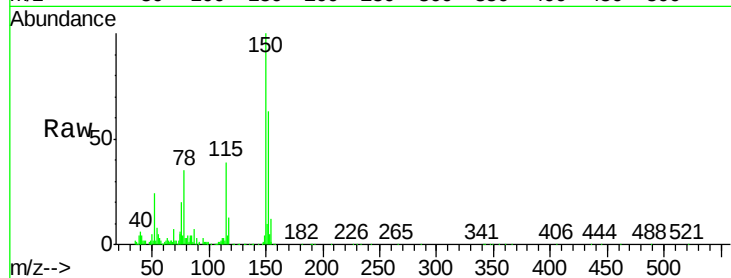
Tgt Ion:152 Resp: 128560

Ion Ratio Lower Upper

152 100

150 158.4 144.7 217.1

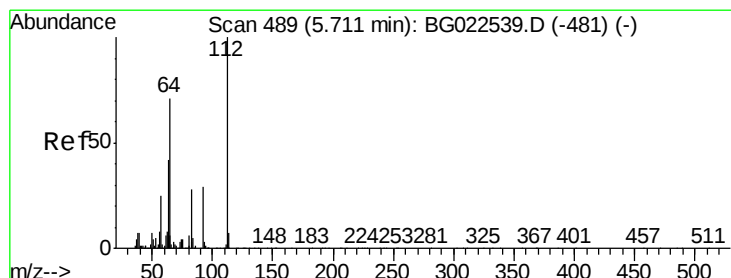
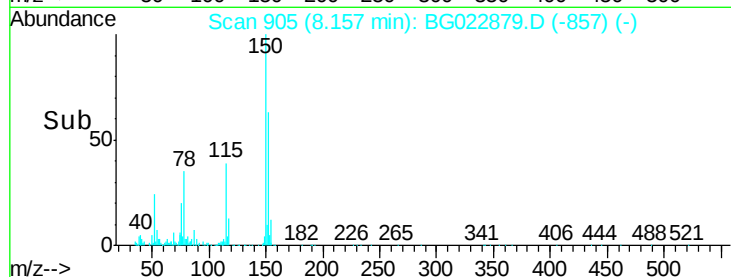
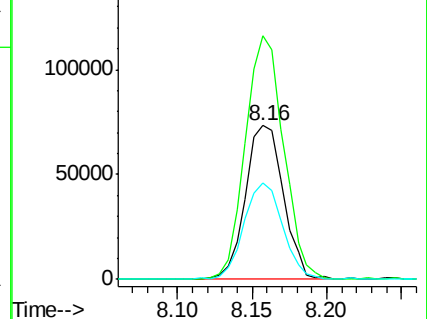
115 62.4 64.0 96.0#



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: 2.54 ng

RT: 5.70 min Scan# 487

Delta R.T. -0.00 min

Lab File: BG022879.D

Acq: 6 Jul 2016 16:44

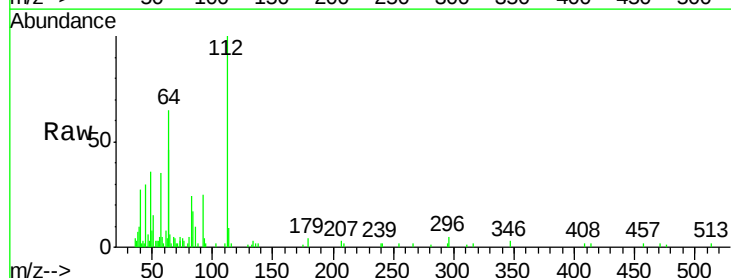
Tgt Ion:112 Resp: 20395

Ion Ratio Lower Upper

112 100

64 64.7 59.0 88.4

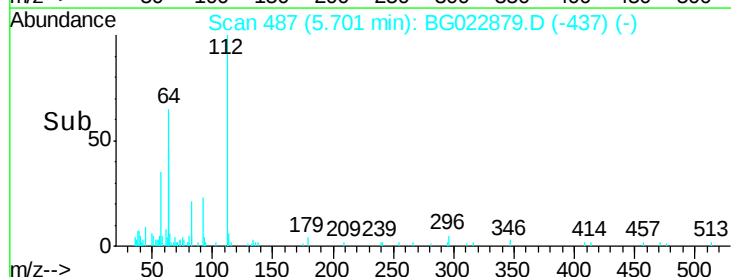
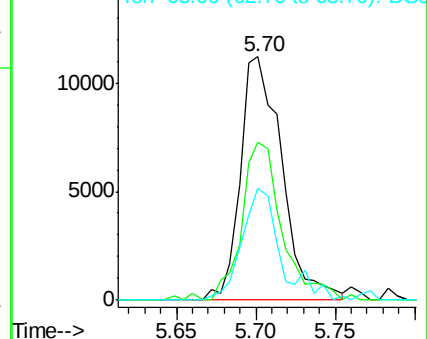
63 46.1 37.8 56.8

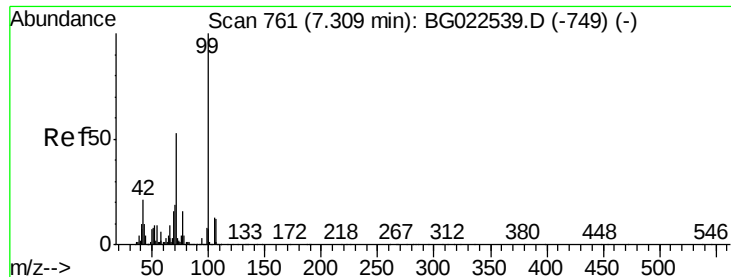


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 2.62 ng

RT: 7.31 min Scan# 760

Delta R.T. 0.00 min

Lab File: BG022879.D

Acq: 6 Jul 2016 16:44

Instrument :

BNA_G

ClientSampleId :

LAR9940

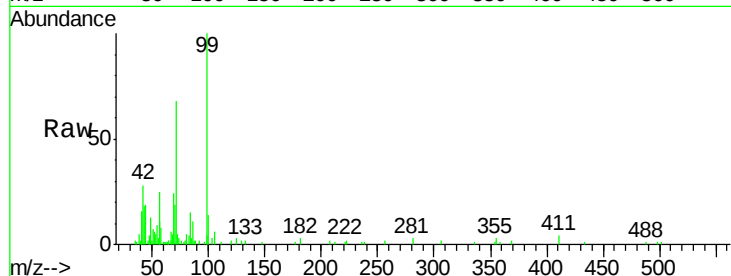
Tgt Ion: 99 Resp: 29593

Ion Ratio Lower Upper

99 100

42 27.7 17.8 26.6#

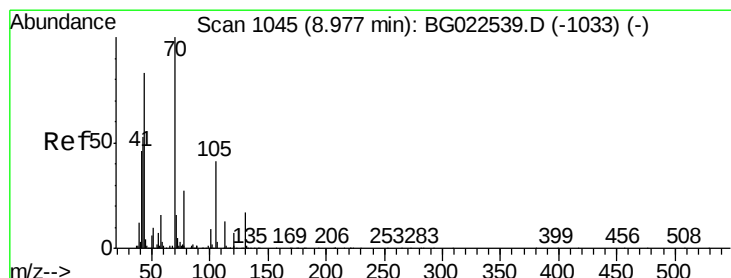
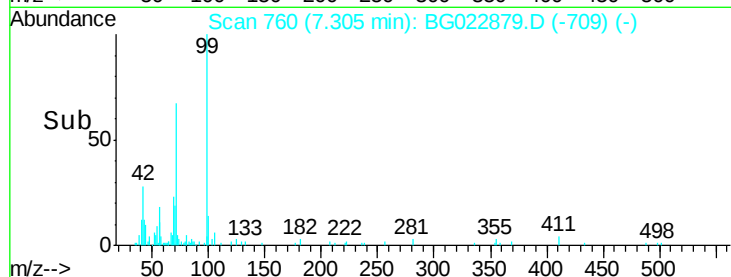
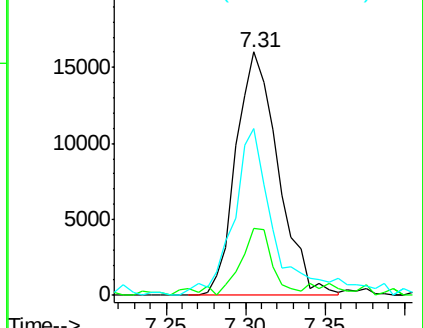
71 68.4 41.5 62.3#



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



#19

n-Nitroso-di-n-propylamine

Concen: 19.73 ng

RT: 8.92 min Scan# 1035

Delta R.T. -0.05 min

Lab File: BG022879.D

Acq: 6 Jul 2016 16:44

Tgt Ion: 70 Resp: 185616

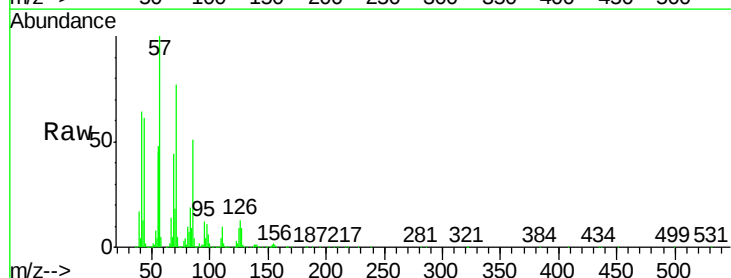
Ion Ratio Lower Upper

70 100

42 73.6 42.1 63.1#

101 0.0 7.2 10.8#

130 0.0 14.2 21.2#

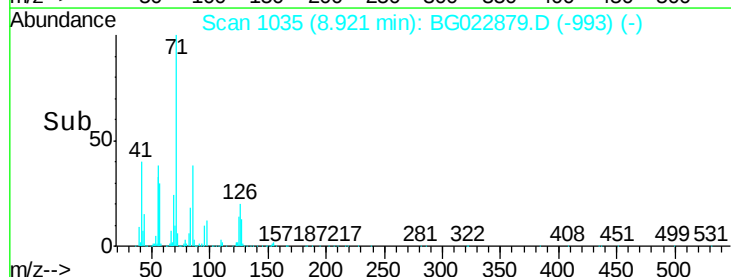
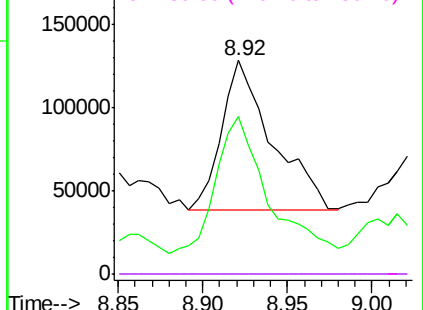


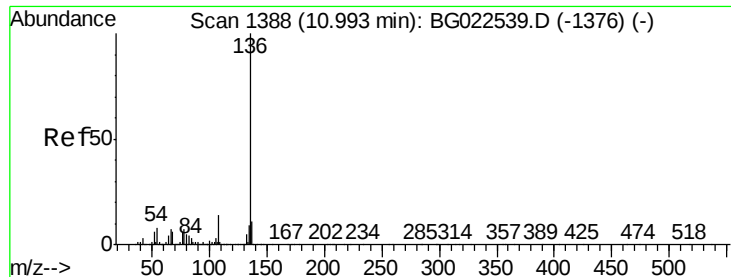
Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

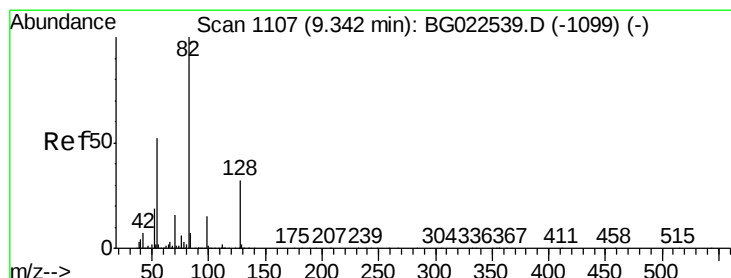
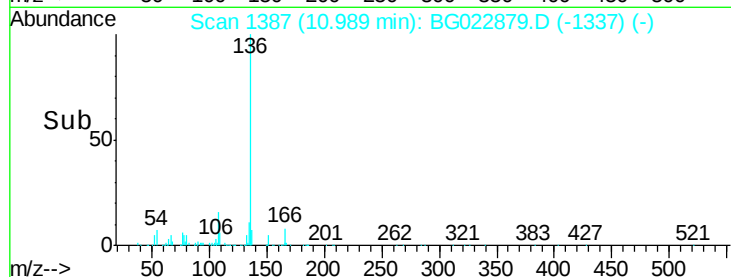
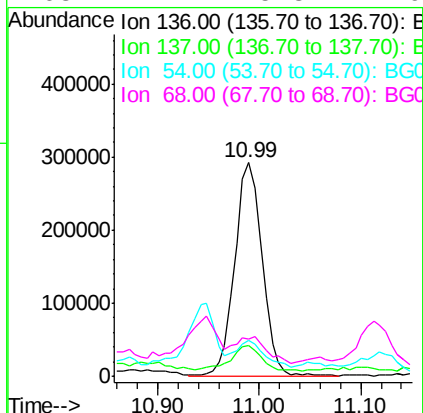
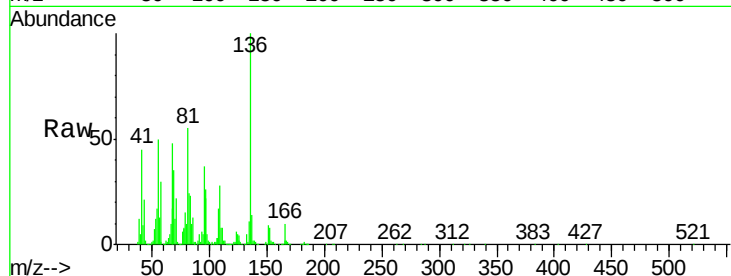




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.99 min Scan# 1387
Delta R.T. -0.00 min
Lab File: BG022879.D
Acq: 6 Jul 2016 16:44

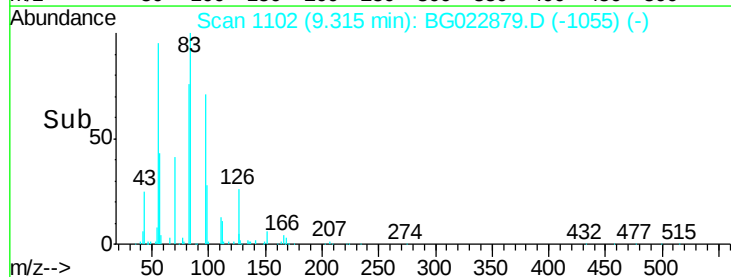
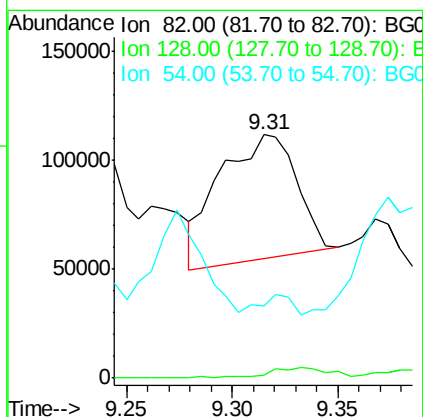
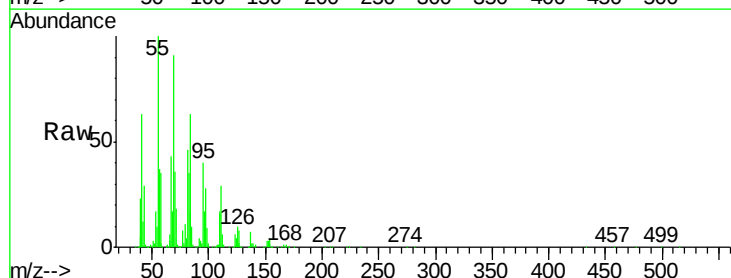
Instrument :
BNA_G
ClientSampleId :
LAR9940

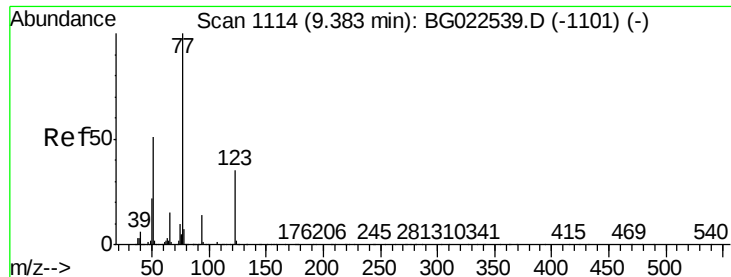
Tgt Ion:	136	Resp:	547258
Ion Ratio		Lower	Upper
136	100		
137	14.5	9.6	14.4#
54	16.7	7.3	10.9#
68	17.4	5.3	7.9#



#23
Nitrobenzene-d5
Concen: 11.27 ng
RT: 9.31 min Scan# 1102
Delta R.T. -0.02 min
Lab File: BG022879.D
Acq: 6 Jul 2016 16:44

Tgt Ion:	82	Resp:	145754
Ion Ratio		Lower	Upper
82	100		
128	1.4	24.4	36.6#
54	29.5	41.4	62.0#





#24

Nitrobenzene

Concen: 3.36 ng

RT: 9.37 min Scan# 1111

Delta R.T. -0.01 min

Lab File: BG022879.D

Acq: 6 Jul 2016 16:44

Instrument :

BNA_G

ClientSampled :

LAR9940

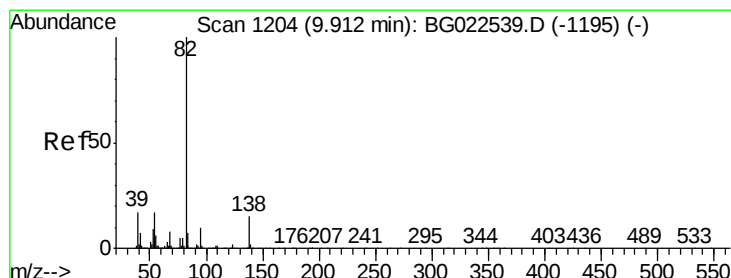
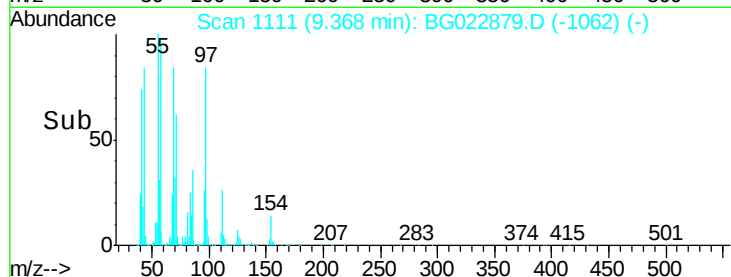
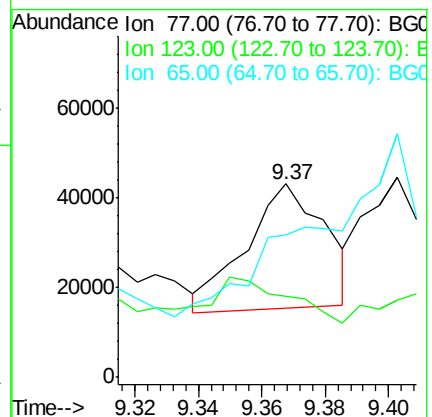
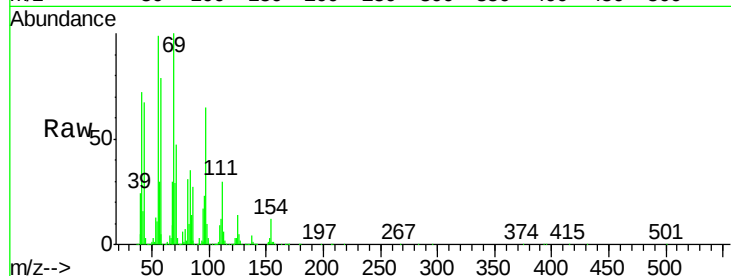
Tgt Ion: 77 Resp: 47964

Ion Ratio Lower Upper

77 100

123 42.2 25.0 37.6#

65 73.6 13.4 20.0#



#25

Isophorone

Concen: 21.67 ng

RT: 9.90 min Scan# 1202

Delta R.T. -0.00 min

Lab File: BG022879.D

Acq: 6 Jul 2016 16:44

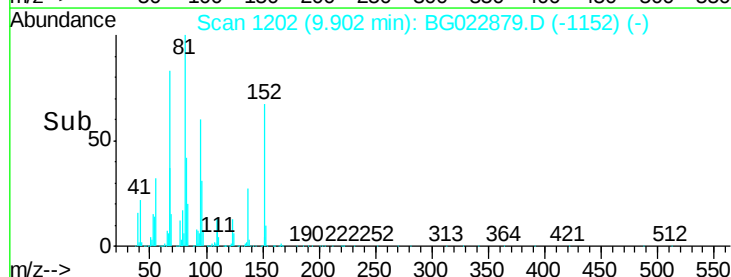
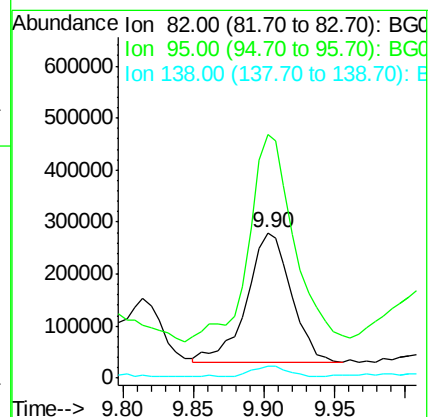
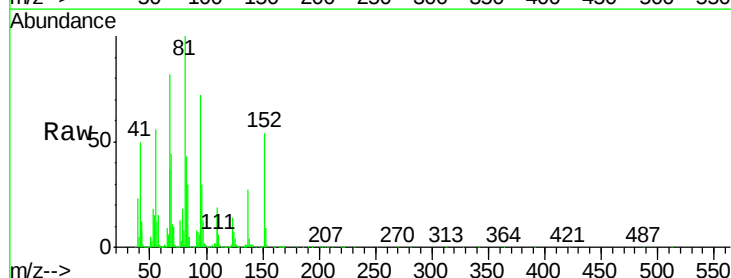
Tgt Ion: 82 Resp: 544032

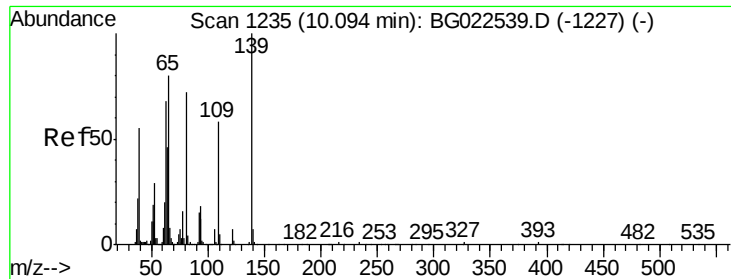
Ion Ratio Lower Upper

82 100

95 167.2 8.2 12.2#

138 8.3 10.7 16.1#

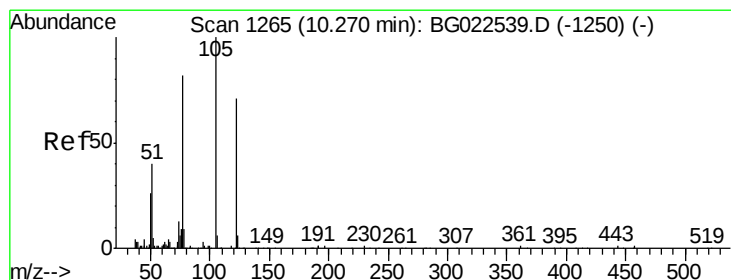
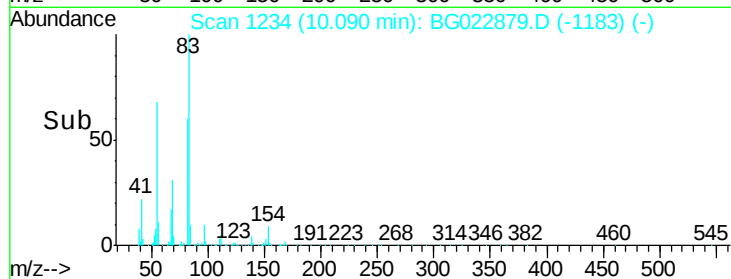
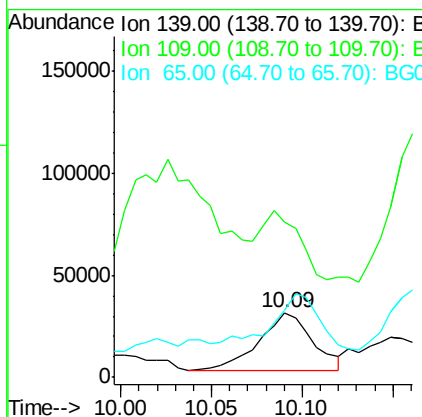
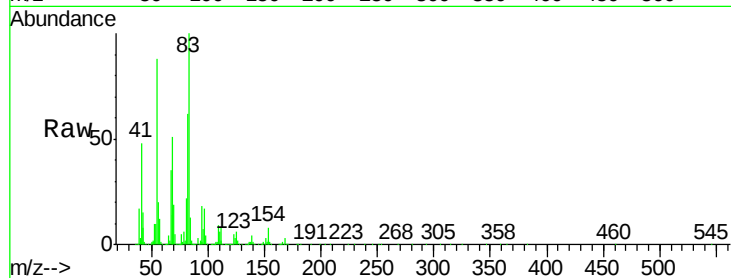




#26
2-Nitrophenol
Concen: 11.22 ng
RT: 10.09 min Scan# 1234
Delta R.T. 0.00 min
Lab File: BG022879.D
Acq: 6 Jul 2016 16:44

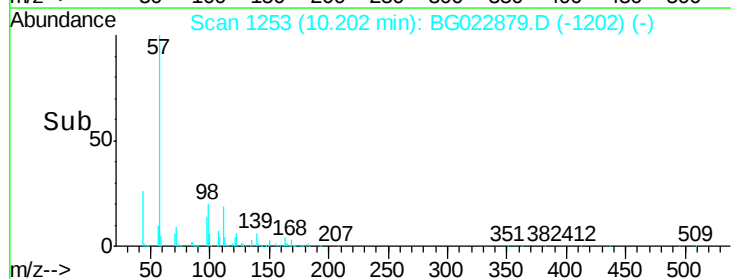
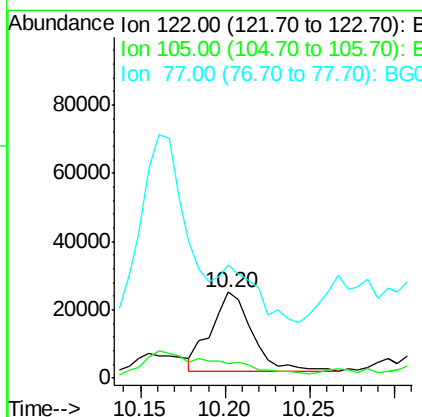
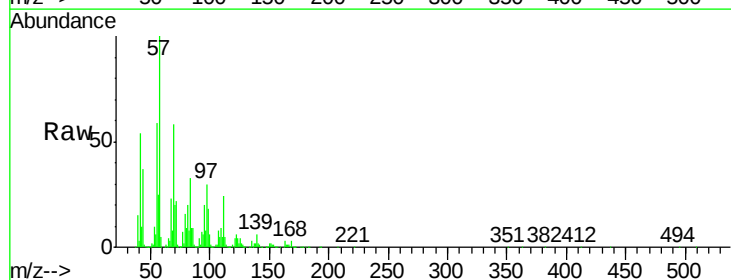
Instrument :
BNA_G
ClientSampleId :
LAR9940

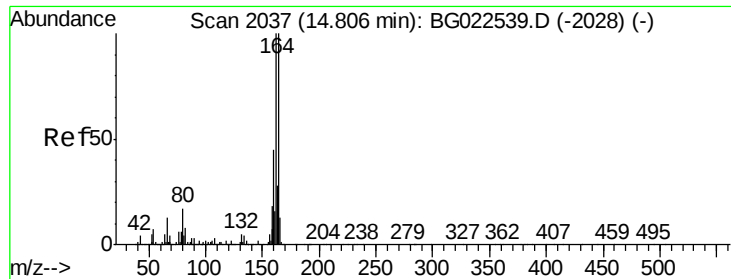
Tgt Ion:139 Resp: 57742
Ion Ratio Lower Upper
139 100
109 240.3 43.5 65.3#
65 102.8 64.3 96.5#



#32
Benzoic acid
Concen: 10.48 ng
RT: 10.20 min Scan# 1253
Delta R.T. 0.00 min
Lab File: BG022879.D
Acq: 6 Jul 2016 16:44

Tgt Ion:122 Resp: 38636
Ion Ratio Lower Upper
122 100
105 16.3 117.2 157.2#
77 131.0 109.2 149.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.80 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BG022879.D

Acq: 6 Jul 2016 16:44

Instrument :

BNA_G

ClientSampleId :

LAR9940

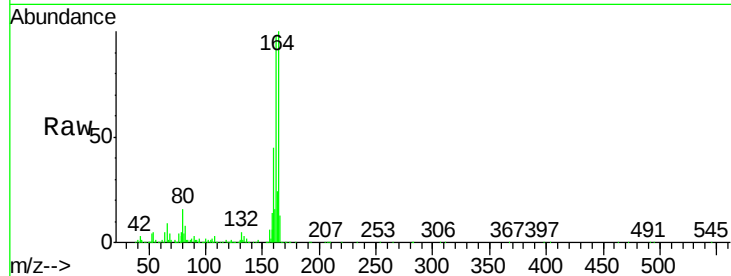
Tgt Ion:164 Resp: 437497

Ion Ratio Lower Upper

164 100

162 97.8 87.7 131.5

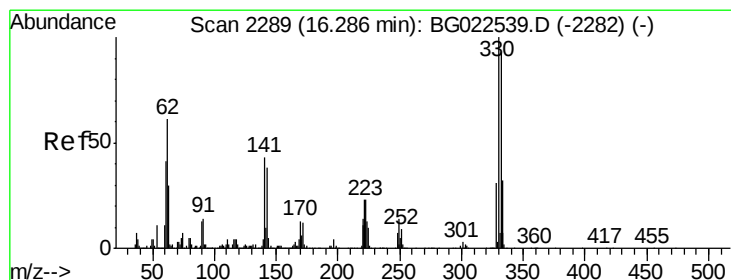
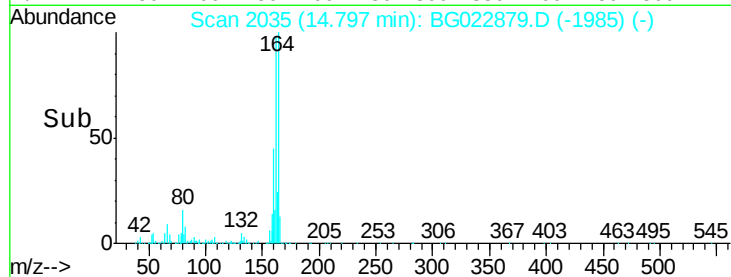
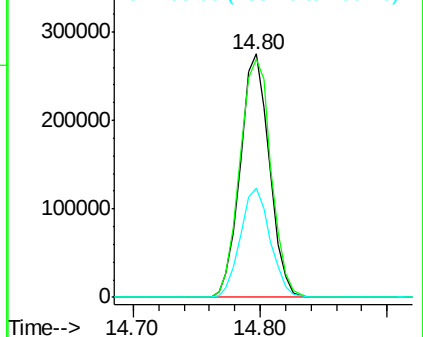
160 44.9 37.2 55.8



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: 2.53 ng

RT: 16.29 min Scan# 2289

Delta R.T. 0.00 min

Lab File: BG022879.D

Acq: 6 Jul 2016 16:44

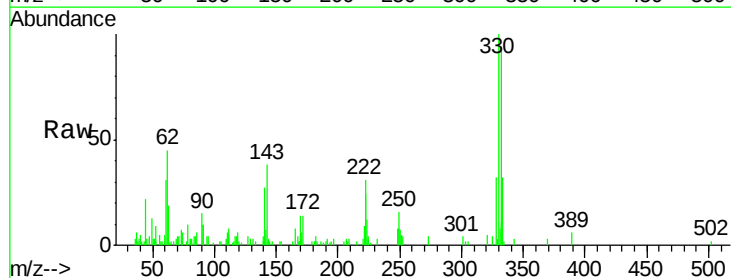
Tgt Ion:330 Resp: 17442

Ion Ratio Lower Upper

330 100

332 98.1 77.4 116.2

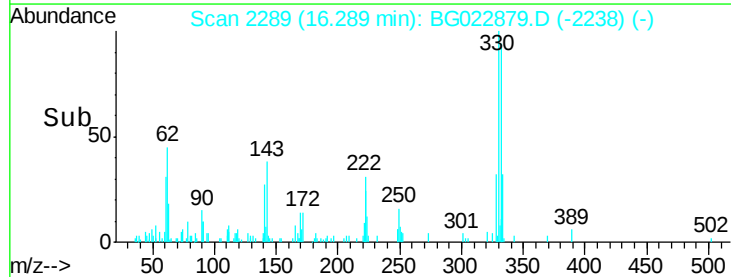
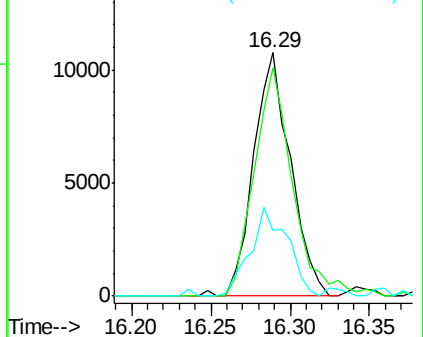
141 36.8 31.7 47.5

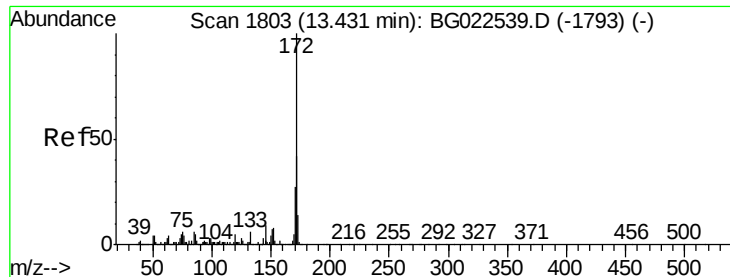


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

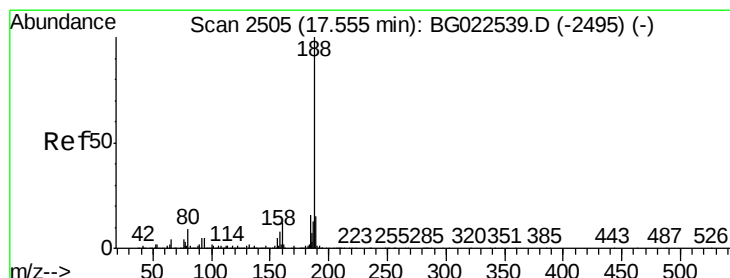
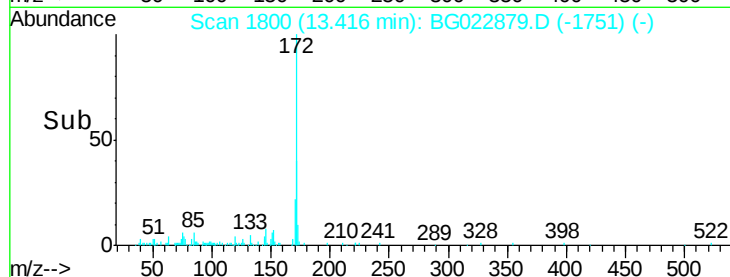
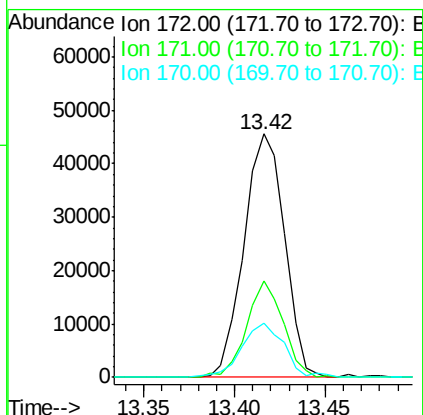
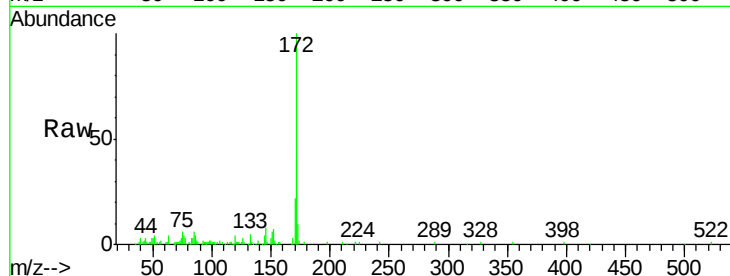




#44
2-Fluorobiphenyl
Concen: 2.57 ng
RT: 13.42 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BG022879.D
Acq: 6 Jul 2016 16:44

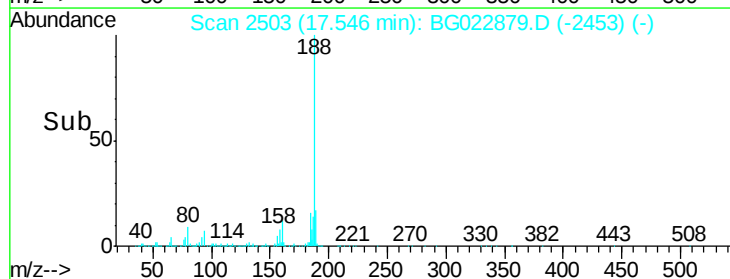
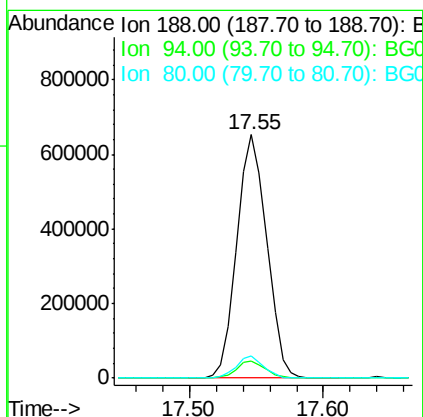
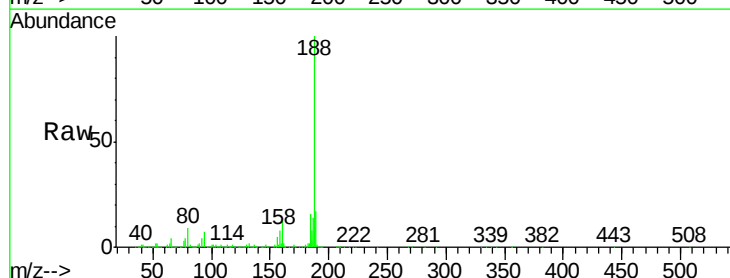
Instrument :
BNA_G
ClientSampleId :
LAR9940

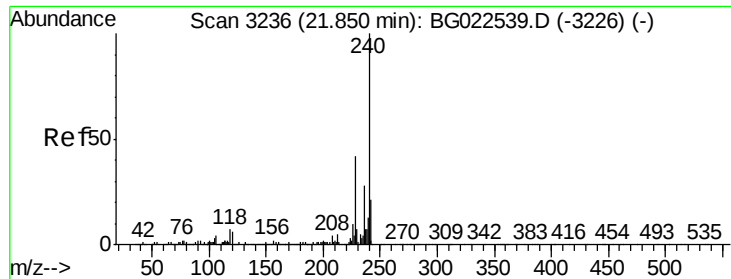
Tgt Ion:172 Resp: 70856
Ion Ratio Lower Upper
172 100
171 39.7 31.6 47.4
170 22.4 21.3 31.9



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2503
Delta R.T. -0.00 min
Lab File: BG022879.D
Acq: 6 Jul 2016 16:44

Tgt Ion:188 Resp: 1013622
Ion Ratio Lower Upper
188 100
94 7.0 5.2 7.8
80 9.2 7.2 10.8

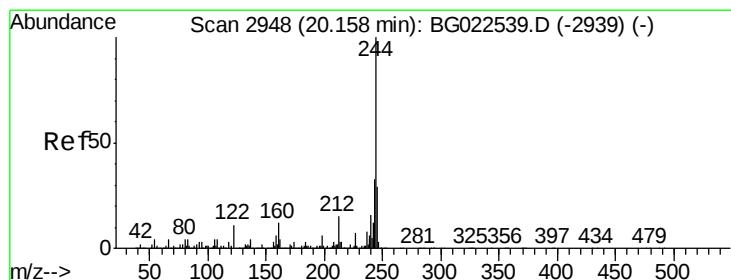
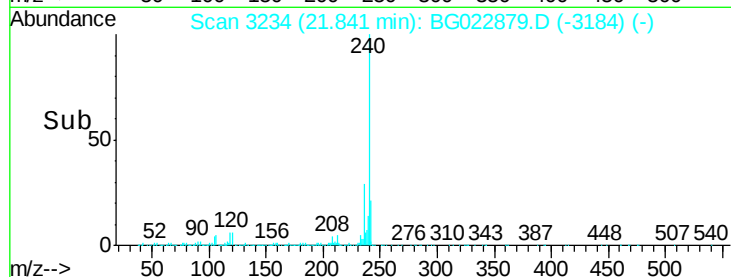
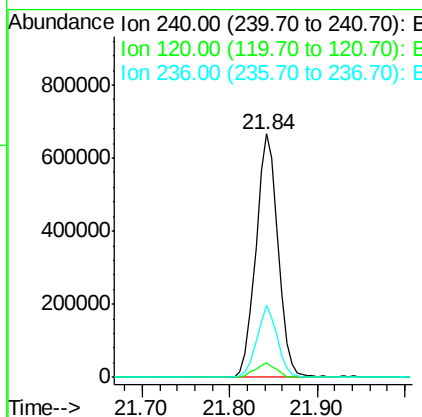
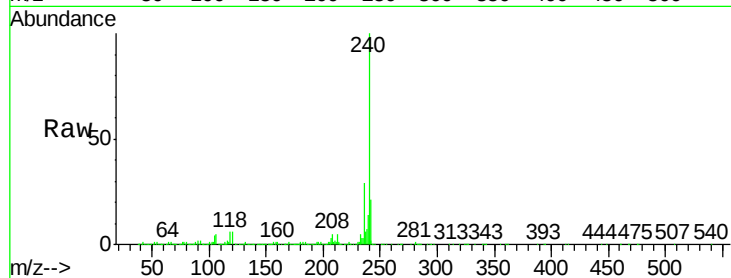




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.84 min Scan# 3234
Delta R.T. -0.00 min
Lab File: BG022879.D
Acq: 6 Jul 2016 16:44

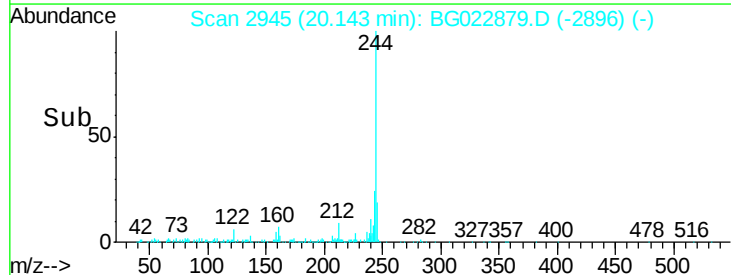
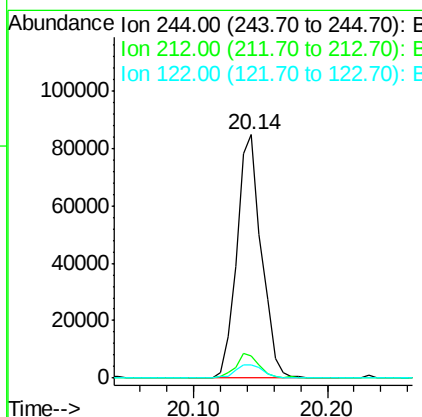
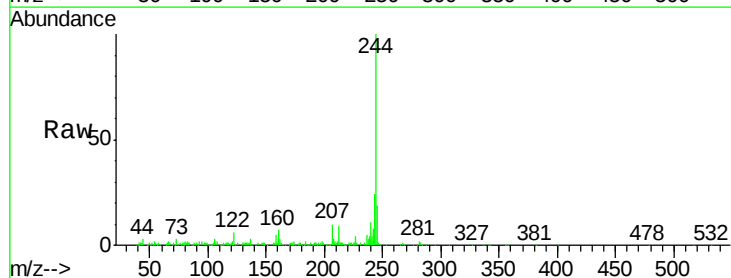
Instrument :
BNA_G
ClientSampleId :
LAR9940

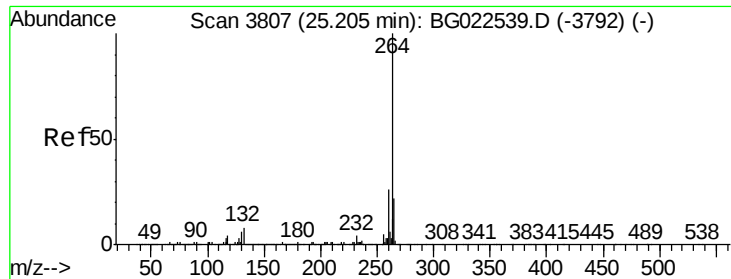
Tgt Ion:240 Resp: 1148922
Ion Ratio Lower Upper
240 100
120 5.8 4.1 6.1
236 29.4 21.1 31.7



#78
Terphenyl-d14
Concen: 2.49 ng
RT: 20.14 min Scan# 2945
Delta R.T. -0.01 min
Lab File: BG022879.D
Acq: 6 Jul 2016 16:44

Tgt Ion:244 Resp: 108178
Ion Ratio Lower Upper
244 100
212 9.1 10.8 16.2#
122 5.6 8.0 12.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.21 min Scan# 3807
Delta R.T. 0.00 min
Lab File: BG022879.D
Acq: 6 Jul 2016 16:44

Instrument :
BNA_G
ClientSampleId :
LAR9940

Tgt Ion: 264 Resp: 1141130

Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.4	27.6
265	21.6	18.9	28.3

