

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG021618\
 Data File : BG032741.D
 Acq On : 16 Feb 2018 17:06
 Operator : SJ/JU
 Sample : J1575-12
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SAMPLE-B

Quant Time: Feb 16 18:24:45 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 12 18:08:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.62	152	21088	20.00	ng	-0.05
21) Naphthalene-d8	11.50	136	78636	20.00	ng	-0.05
38) Acenaphthene-d10	15.27	164	58914	20.00	ng	-0.04
63) Phenanthrene-d10	18.01	188	173571	20.00	ng	-0.04
75) Chrysene-d12	22.32	240	228285	20.00	ng	-0.05
86) Perylene-d12	25.93	264	151956	20.00	ng	-0.09

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.07	112	147434	140.27	ng	-0.04
7) Phenol-d6	7.75	99	157042	109.27	ng	-0.05
23) Nitrobenzene-d5	9.82	82	124727	100.81	ng	-0.05
41) 2,4,6-Tribromophenol	16.75	330	198639	218.97	ng	-0.04
44) 2-Fluorobiphenyl	13.90	172	488543	103.70	ng	-0.04
78) Terphenyl-d14	20.55	244	1133162	113.14	ng	-0.03

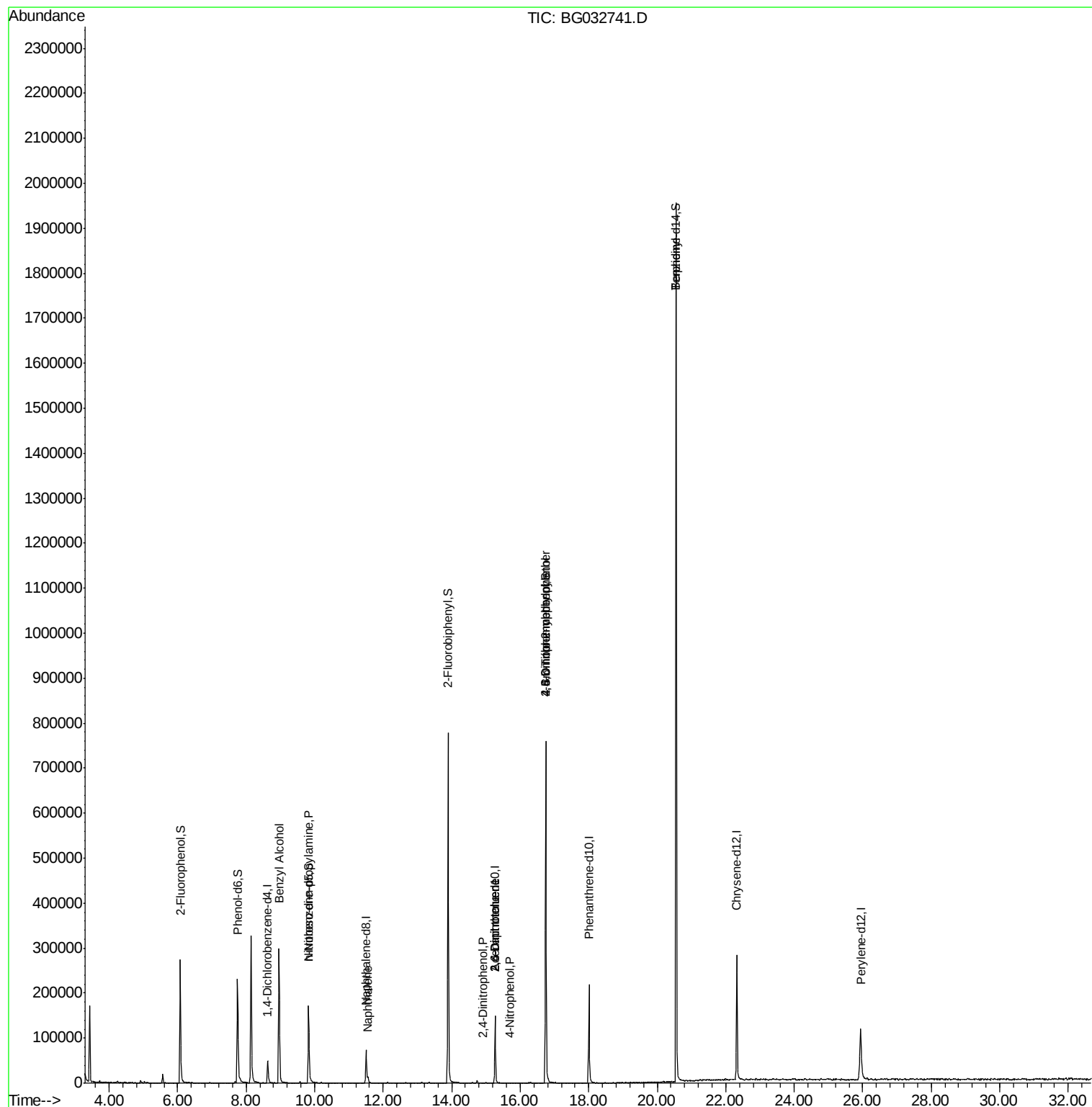
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	8.96	79	2670	2.479	ng	# 44
19) n-Nitroso-di-n-propylamine	9.82	70	18395	19.038	ng	# 65
31) Naphthalene	11.55	128	12045	3.155	ng	# 90
50) 2,6-Dinitrotoluene	15.26	165	7562	7.210	ng	# 22
53) 2,4-Dinitrophenol	14.91	184	61	11.554	ng	# 1
55) 4-Nitrophenol	15.69	139	118	5.645	ng	# 1
56) 2,4-Dinitrotoluene	15.26	165	7562	5.233	ng	# 19
64) 4,6-Dinitro-2-methylphenol	16.74	198	466	5.354	ng	# 1
66) 4-Bromophenyl-phenylether	16.75	248	15122	6.088	ng	# 1
76) Benzidine	20.55	184	15473	2.878	ng	# 88

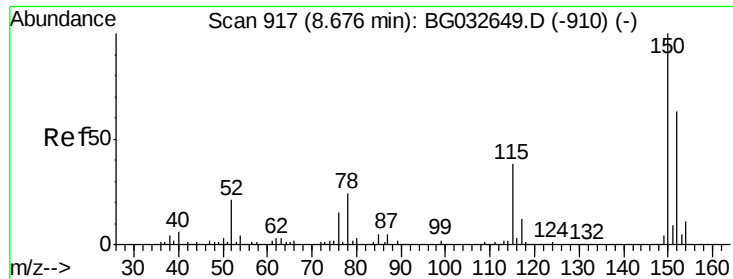
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG021618\
Data File : BG032741.D
Acq On : 16 Feb 2018 17:06
Operator : SJ/JU
Sample : J1575-12
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SAMPLE-B

Quant Time: Feb 16 18:24:45 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 12 18:08:01 2018
Response via : Initial Calibration



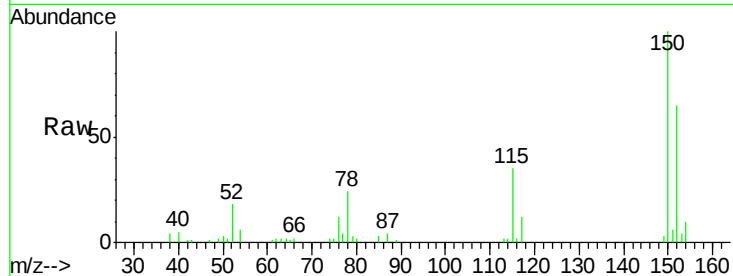


#1

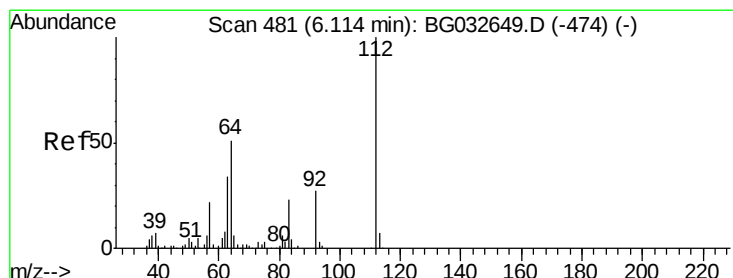
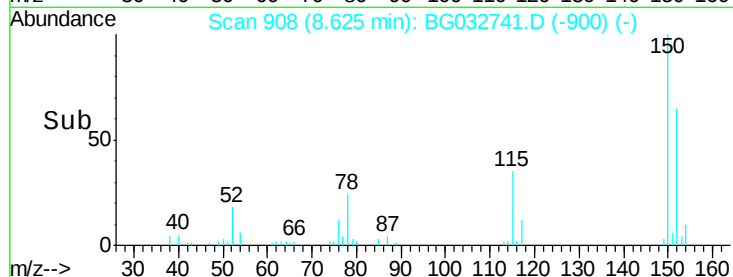
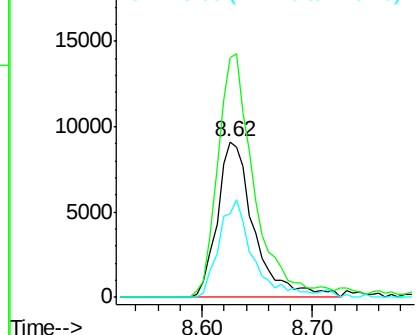
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.62 min Scan# 908
Delta R.T. -0.05 min
Lab File: BG032741.D
Acq: 16 Feb 2018 17:06

Instrument :
BNA_G
ClientSampleId :
SAMPLE-B

Tgt Ion:152 Resp: 21088
Ion Ratio Lower Upper
152 100
150 154.5 126.6 189.8
115 54.1 53.0 79.4



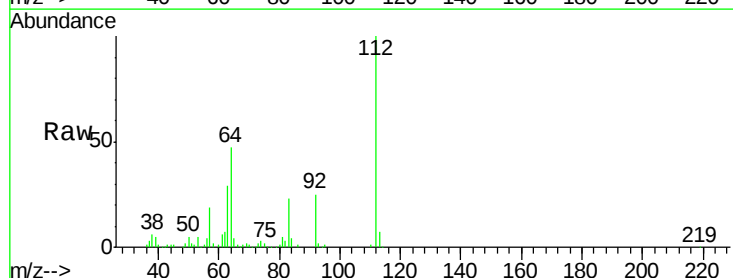
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



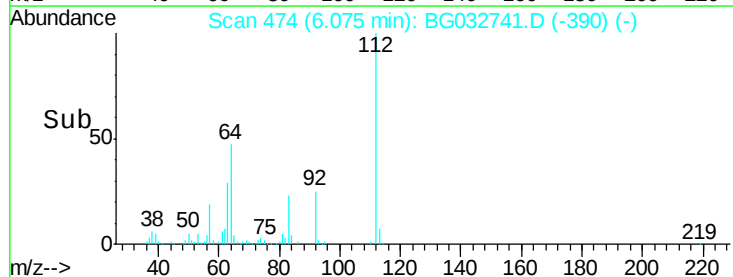
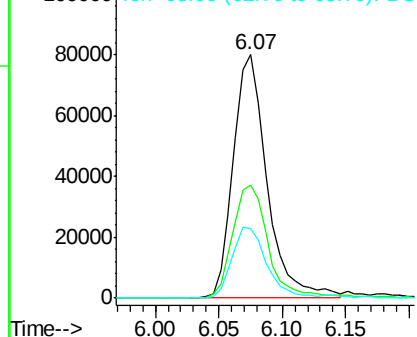
#5

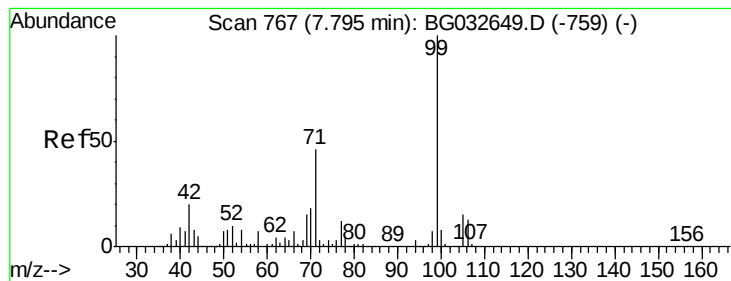
2-Fluorophenol
Concen: 140.271 ng
RT: 6.07 min Scan# 474
Delta R.T. -0.04 min
Lab File: BG032741.D
Acq: 16 Feb 2018 17:06

Tgt Ion:112 Resp: 147434
Ion Ratio Lower Upper
112 100
64 46.6 56.3 84.5#
63 28.8 30.1 45.1#



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: 109.268 ng

RT: 7.75 min Scan# 759

Delta R.T. -0.05 min

Lab File: BG032741.D

Acq: 16 Feb 2018 17:06

Instrument :

BNA_G

ClientSampleId :

SAMPLE-B

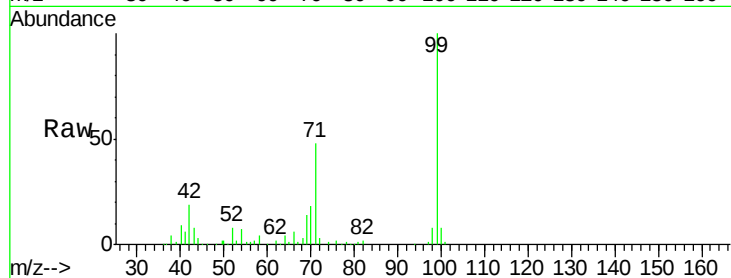
Tgt Ion: 99 Resp: 157042

Ion Ratio Lower Upper

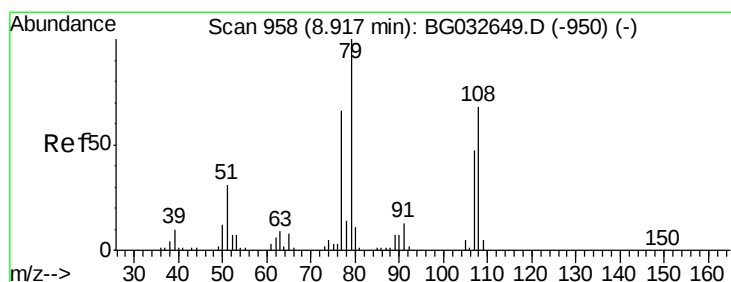
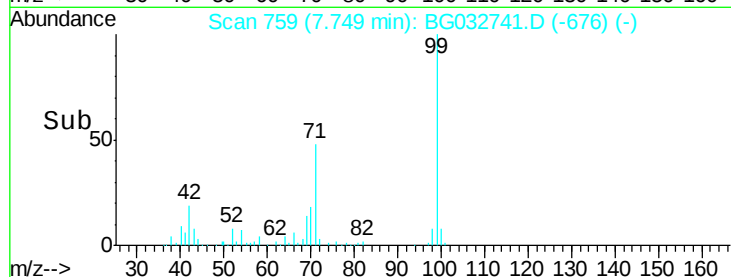
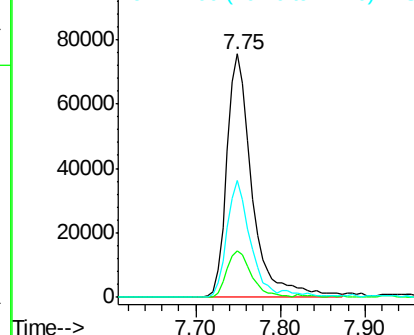
99 100

42 19.3 14.1 21.1

71 47.9 26.1 39.1#



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



#15

Benzyl Alcohol

Concen: 2.479 ng

RT: 8.96 min Scan# 965

Delta R.T. 0.04 min

Lab File: BG032741.D

Acq: 16 Feb 2018 17:06

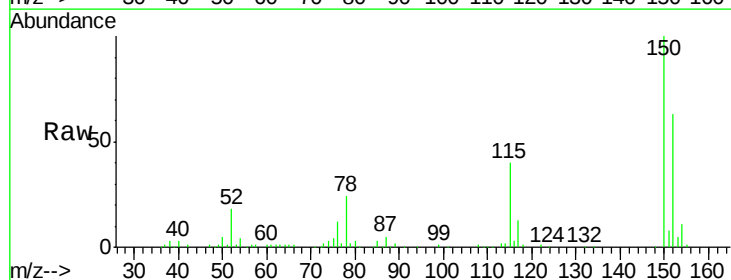
Tgt Ion: 79 Resp: 2670

Ion Ratio Lower Upper

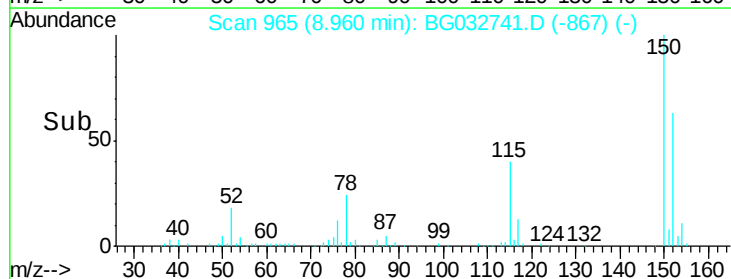
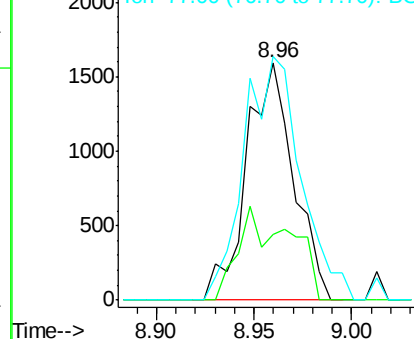
79 100

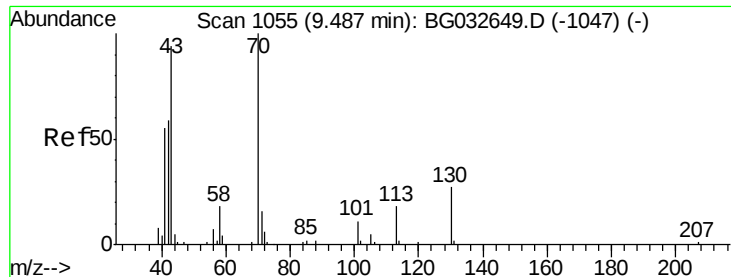
108 27.7 57.2 85.8#

77 102.5 46.1 69.1#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

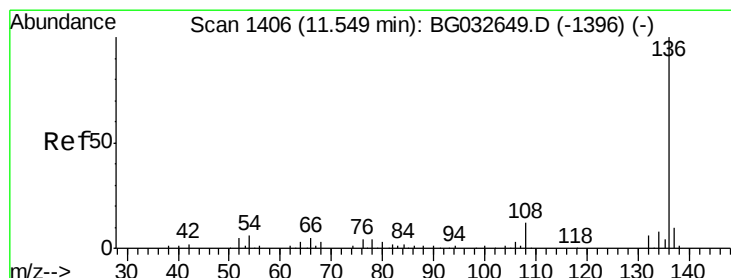
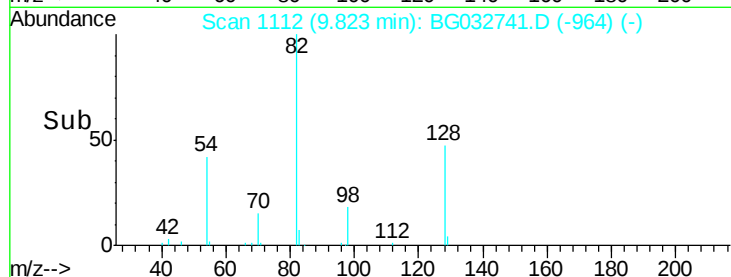
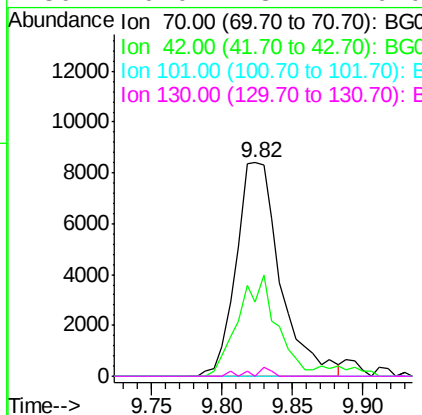
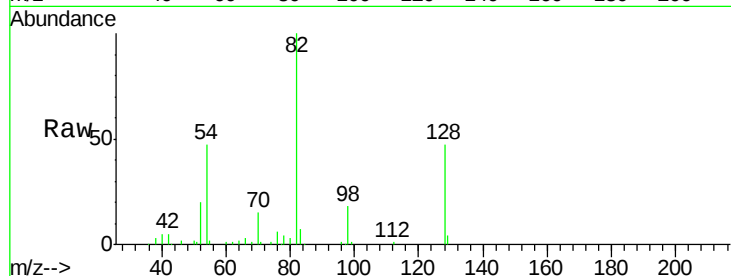




#19
n-Nitroso-di-n-propylamine
Concen: 19.038 ng
RT: 9.82 min Scan# 1112
Delta R.T. 0.34 min
Lab File: BG032741.D
Acq: 16 Feb 2018 17:06

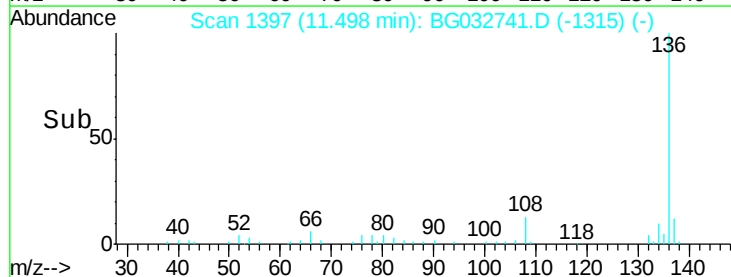
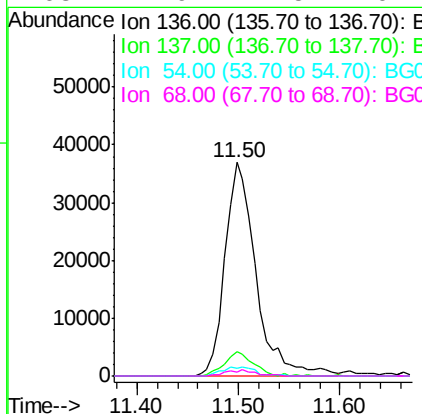
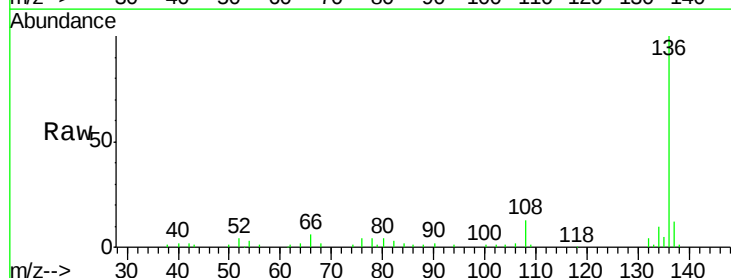
Instrument :
BNA_G
ClientSampleId :
SAMPLE-B

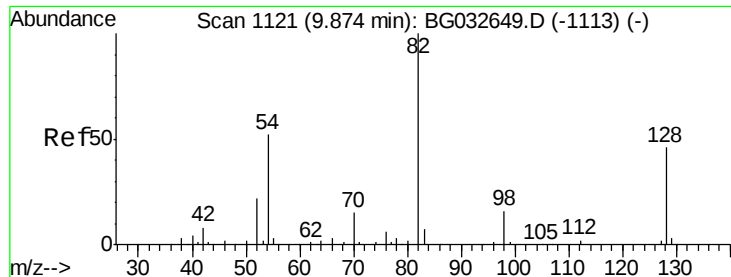
Tgt Ion: 70 Resp: 18395
Ion Ratio Lower Upper
70 100
42 35.0 49.1 73.7#
101 0.0 8.5 12.7#
130 0.0 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.50 min Scan# 1397
Delta R.T. -0.05 min
Lab File: BG032741.D
Acq: 16 Feb 2018 17:06

Tgt Ion: 136 Resp: 78636
Ion Ratio Lower Upper
136 100
137 11.5 9.2 13.8
54 3.3 10.3 15.5#
68 1.9 4.5 6.7#

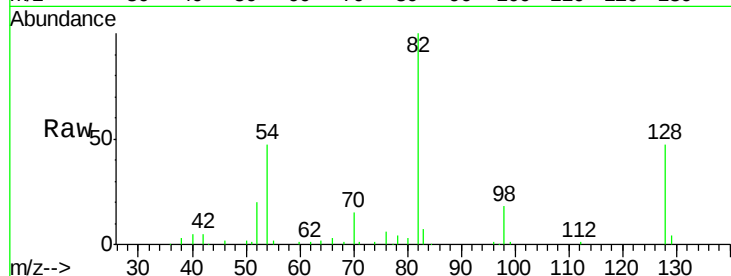




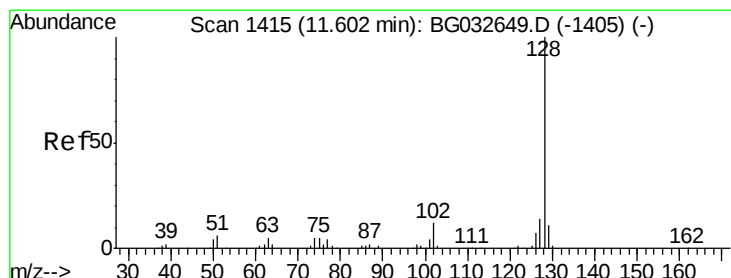
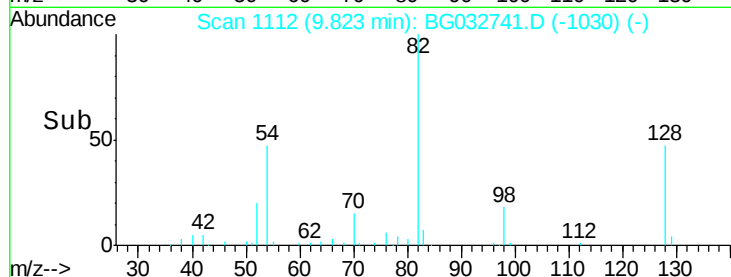
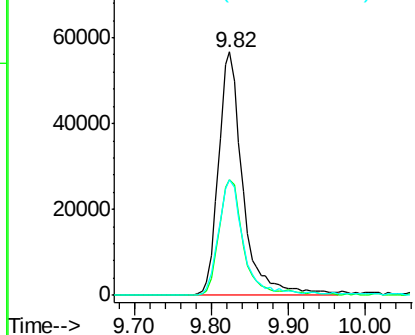
#23
Nitrobenzene-d5
Concen: 100.807 ng
RT: 9.82 min Scan# 1112
Delta R.T. -0.05 min
Lab File: BG032741.D
Acq: 16 Feb 2018 17:06

Instrument :
BNA_G
ClientSampleId :
SAMPLE-B

Tgt Ion: 82 Resp: 124727
Ion Ratio Lower Upper
82 100
128 47.3 29.7 44.5#
54 47.3 43.1 64.7

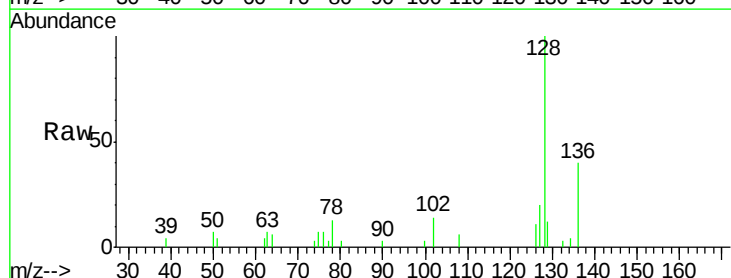


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

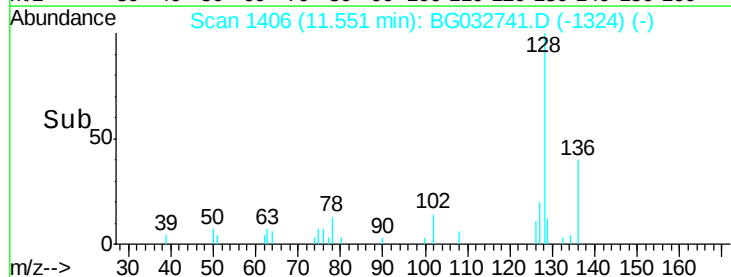
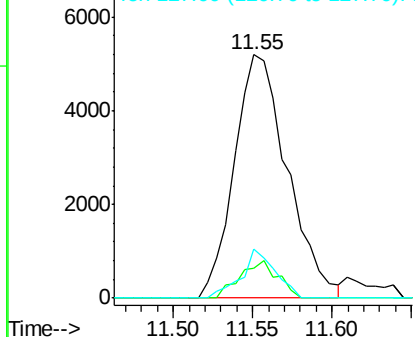


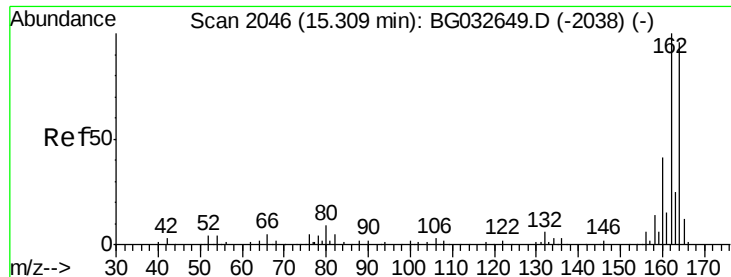
#31
Naphthalene
Concen: 3.155 ng
RT: 11.55 min Scan# 1406
Delta R.T. -0.05 min
Lab File: BG032741.D
Acq: 16 Feb 2018 17:06

Tgt Ion: 128 Resp: 12045
Ion Ratio Lower Upper
128 100
129 12.1 8.6 12.8
127 20.2 11.6 17.4#



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 129.00 (128.70 to 129.70): BGC
Ion 127.00 (126.70 to 127.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.27 min Scan# 2039

Delta R.T. -0.04 min

Lab File: BG032741.D

Acq: 16 Feb 2018 17:06

Instrument :

BNA_G

ClientSampleId :

SAMPLE-B

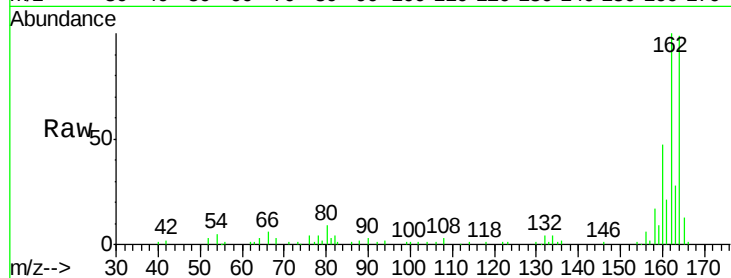
Tgt Ion:164 Resp: 58914

Ion Ratio Lower Upper

164 100

162 101.4 78.8 118.2

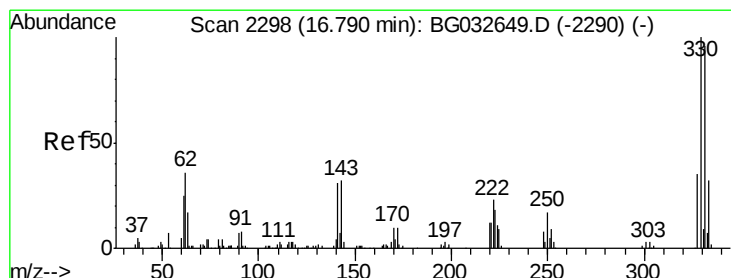
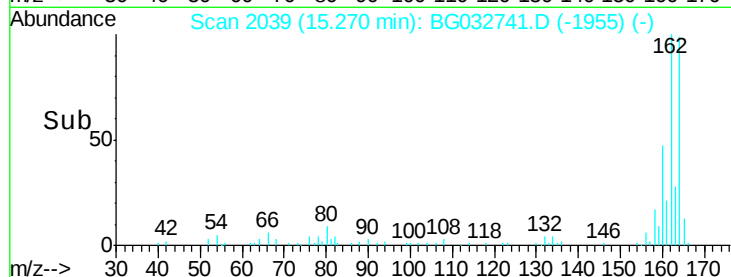
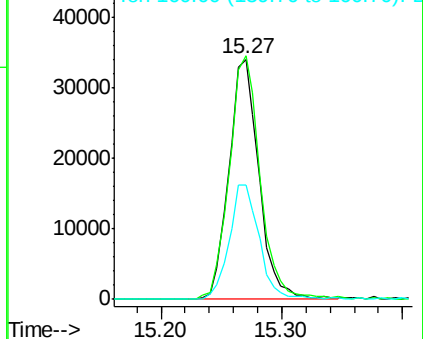
160 47.4 35.4 53.0



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: 218.970 ng

RT: 16.75 min Scan# 2291

Delta R.T. -0.04 min

Lab File: BG032741.D

Acq: 16 Feb 2018 17:06

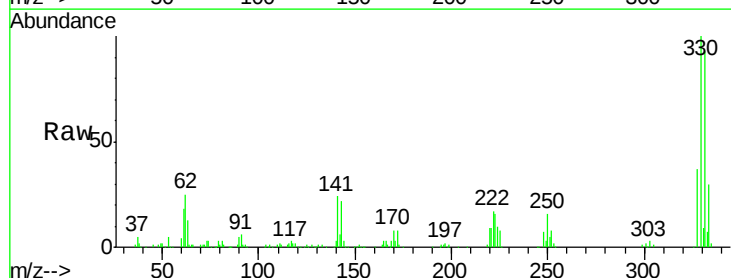
Tgt Ion:330 Resp: 198639

Ion Ratio Lower Upper

330 100

332 97.0 77.0 115.6

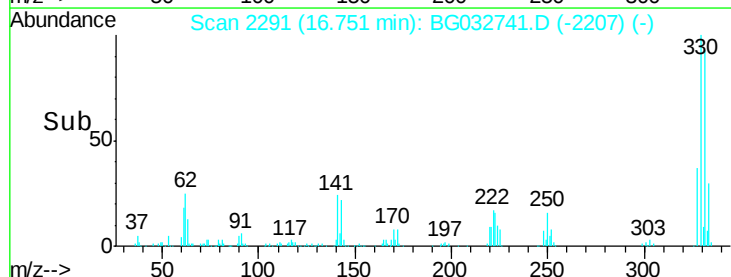
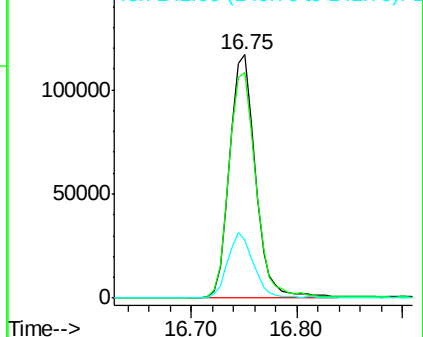
141 27.0 25.2 37.8

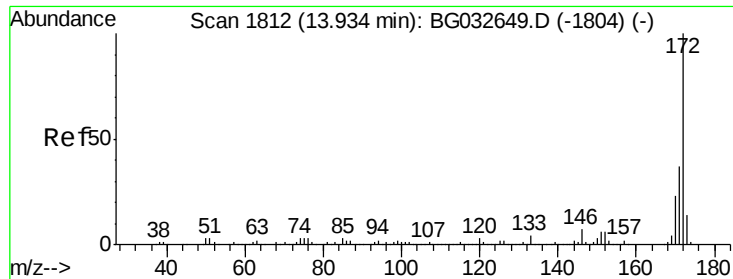


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

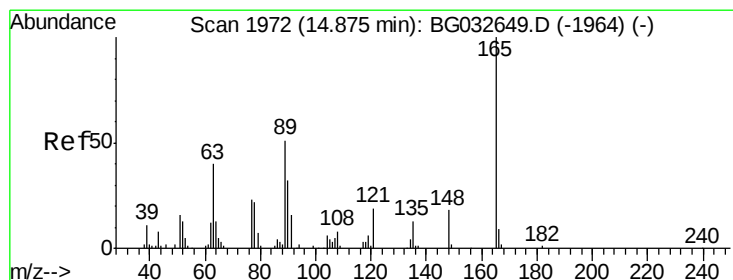
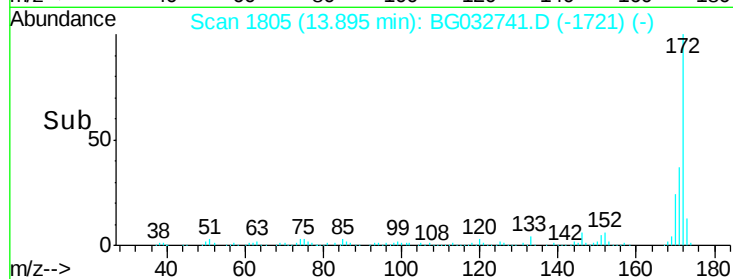
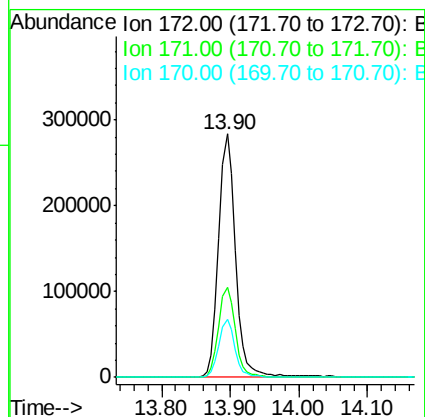
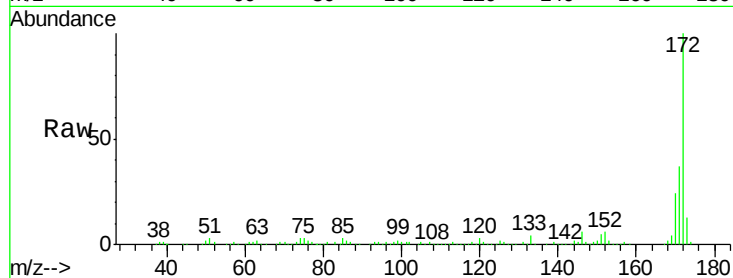




#44
 2-Fluorobiphenyl
 Concen: 103.700 ng
 RT: 13.90 min Scan# 1805
 Delta R.T. -0.04 min
 Lab File: BG032741.D
 Acq: 16 Feb 2018 17:06

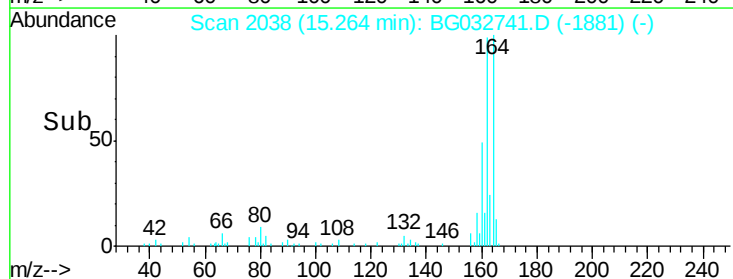
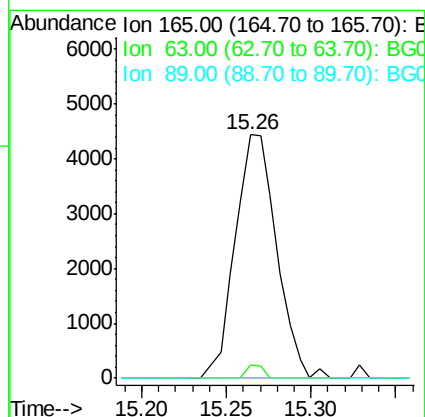
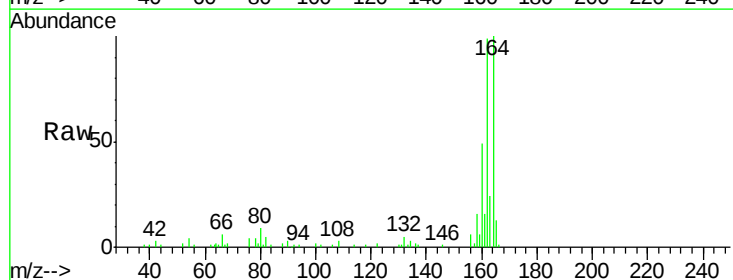
Instrument :
 BNA_G
 ClientSampleId :
 SAMPLE-B

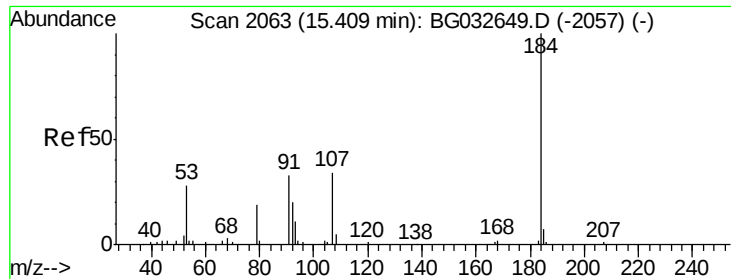
Tgt Ion:172 Resp: 488543
 Ion Ratio Lower Upper
 172 100
 171 37.1 30.0 45.0
 170 23.6 19.5 29.3



#50
 2,6-Dinitrotoluene
 Concen: 7.210 ng
 RT: 15.26 min Scan# 2038
 Delta R.T. 0.39 min
 Lab File: BG032741.D
 Acq: 16 Feb 2018 17:06

Tgt Ion:165 Resp: 7562
 Ion Ratio Lower Upper
 165 100
 63 5.7 52.7 79.1#
 89 0.0 49.2 73.8#

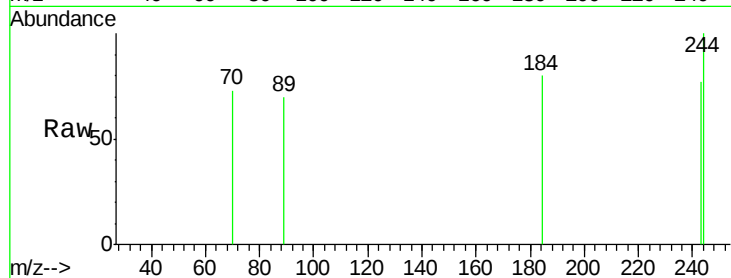




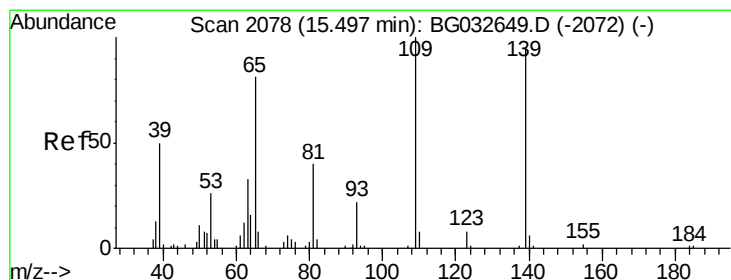
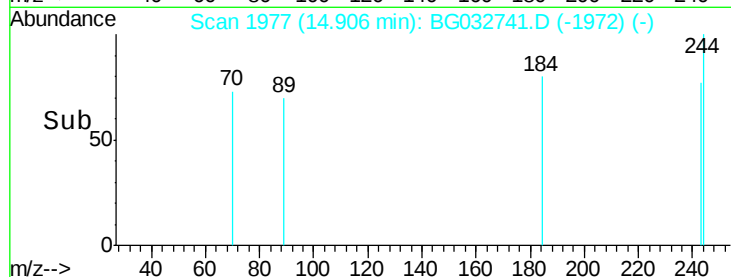
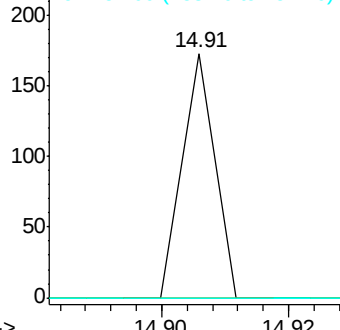
#53
 2,4-Dinitrophenol
 Concen: 11.554 ng
 RT: 14.91 min Scan# 1977
 Delta R.T. -0.50 min
 Lab File: BG032741.D
 Acq: 16 Feb 2018 17:06

Instrument :
 BNA_G
 ClientSampleId :
 SAMPLE-B

Tgt Ion:184 Resp: 61
 Ion Ratio Lower Upper
 184 100
 63 0.0 59.8 89.8#
 154 0.0 101.8 152.8#

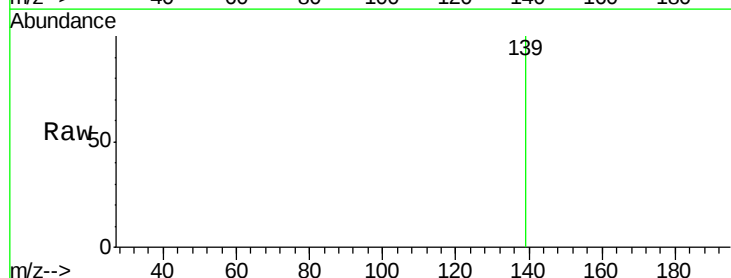


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 154.00 (153.70 to 154.70): E

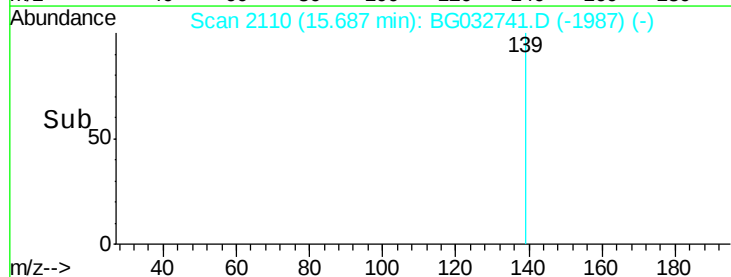
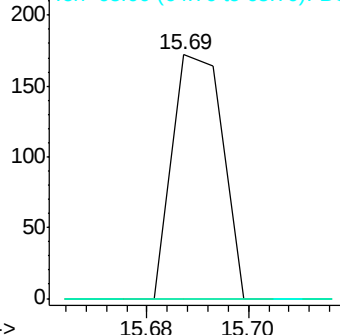


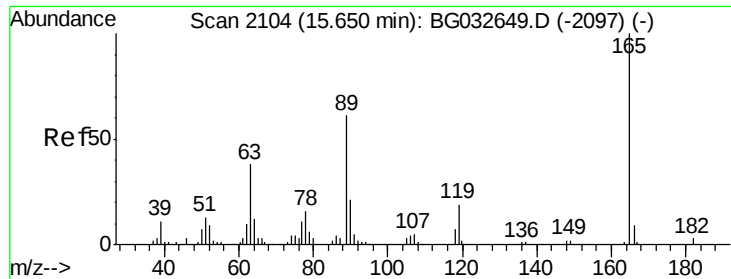
#55
 4-Nitrophenol
 Concen: 5.645 ng
 RT: 15.69 min Scan# 2110
 Delta R.T. 0.19 min
 Lab File: BG032741.D
 Acq: 16 Feb 2018 17:06

Tgt Ion:139 Resp: 118
 Ion Ratio Lower Upper
 139 100
 109 0.0 62.2 102.2#
 65 0.0 97.2 137.2#



Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): BGC

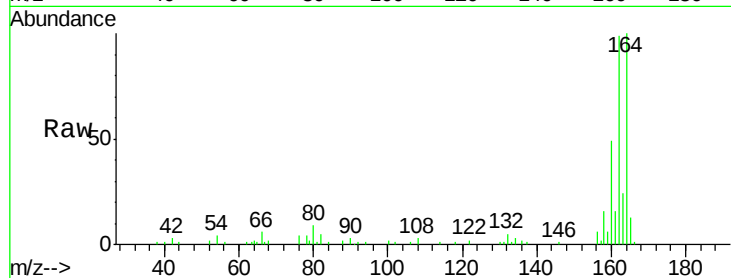




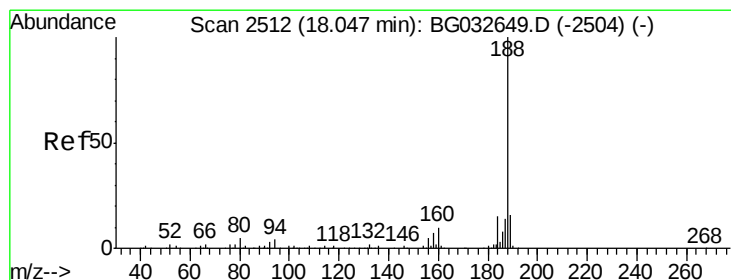
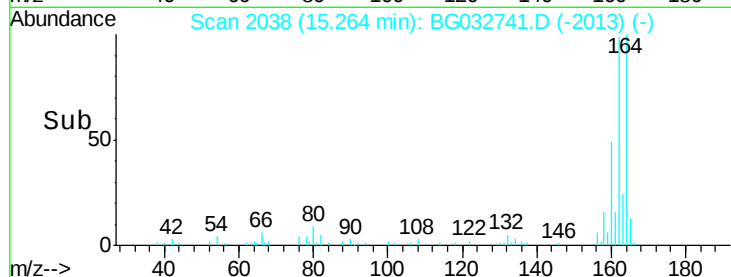
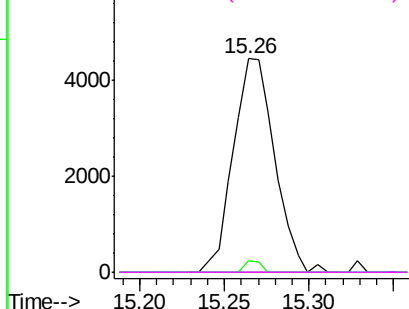
#56
2,4-Dinitrotoluene
Concen: 5.233 ng
RT: 15.26 min Scan# 2038
Delta R.T. -0.39 min
Lab File: BG032741.D
Acq: 16 Feb 2018 17:06

Instrument :
BNA_G
ClientSampleId :
SAMPLE-B

Tgt Ion:165 Resp: 7562
Ion Ratio Lower Upper
165 100
63 5.7 42.0 63.0#
89 0.0 66.9 100.3#
182 0.0 2.6 3.8#

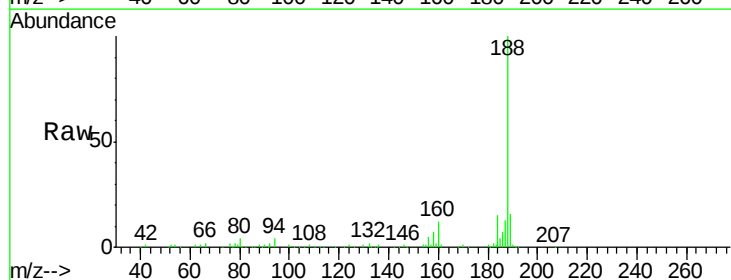


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

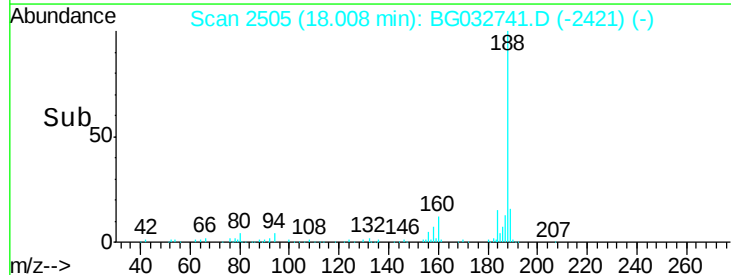
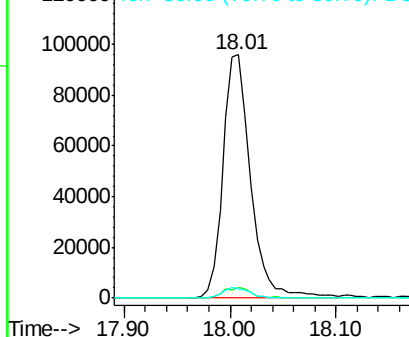


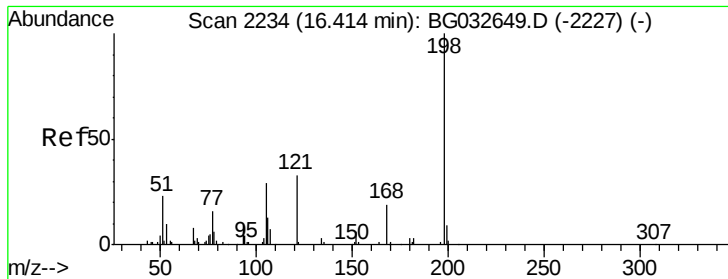
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.01 min Scan# 2505
Delta R.T. -0.04 min
Lab File: BG032741.D
Acq: 16 Feb 2018 17:06

Tgt Ion:188 Resp: 173571
Ion Ratio Lower Upper
188 100
94 4.5 6.9 10.3#
80 3.9 7.7 11.5#



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





#64

4,6-Dinitro-2-methylphenol

Concen: 5.354 ng

RT: 16.74 min Scan# 2290

Delta R.T. 0.33 min

Lab File: BG032741.D

Acq: 16 Feb 2018 17:06

Instrument :

BNA_G

ClientSampleId :

SAMPLE-B

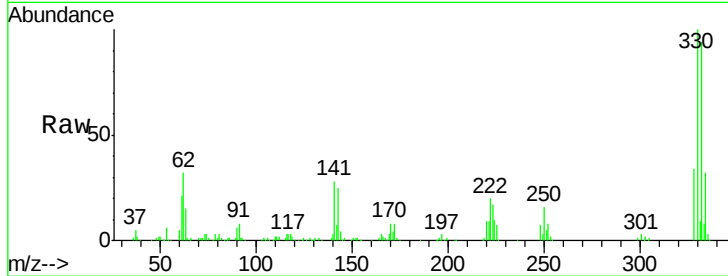
Tgt Ion:198 Resp: 466

Ion Ratio Lower Upper

198 100

51 83.5 30.6 70.6#

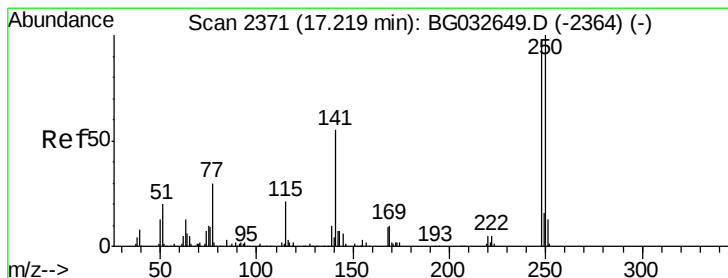
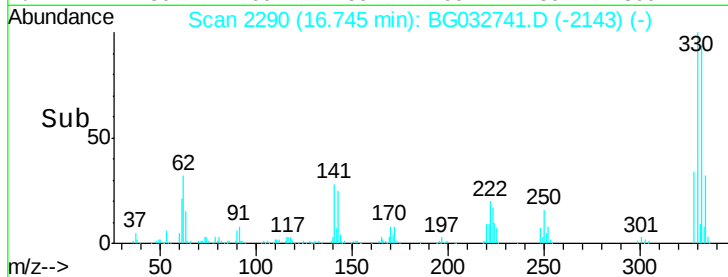
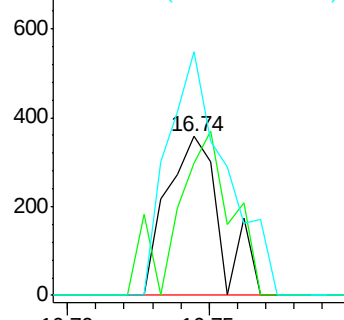
105 153.5 23.8 63.8#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E



#66

4-Bromophenyl-phenylether

Concen: 6.088 ng

RT: 16.75 min Scan# 2291

Delta R.T. -0.47 min

Lab File: BG032741.D

Acq: 16 Feb 2018 17:06

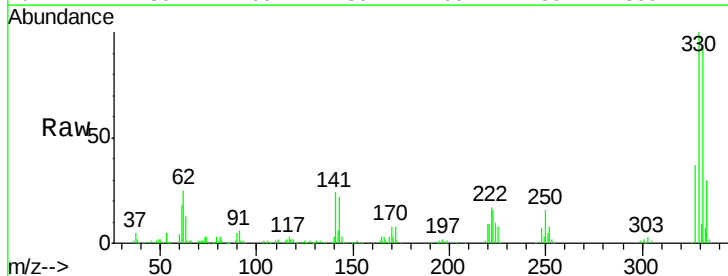
Tgt Ion:248 Resp: 15122

Ion Ratio Lower Upper

248 100

250 207.5 77.1 115.7#

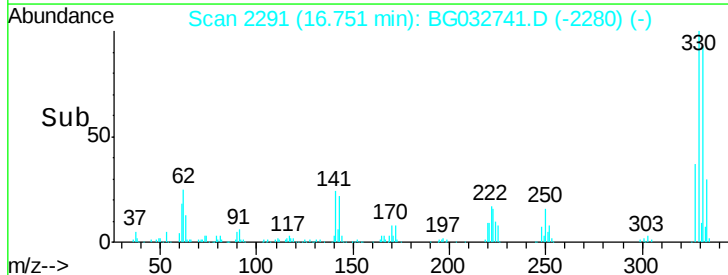
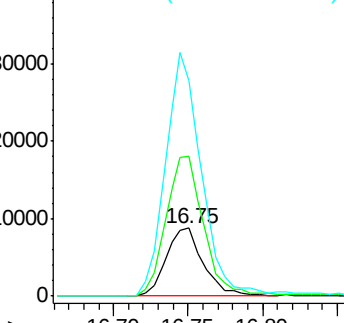
141 318.2 50.8 76.2#

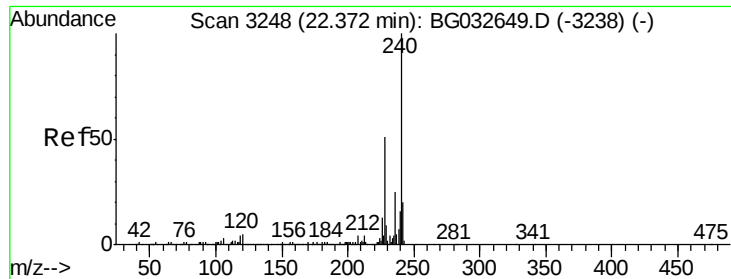


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.32 min Scan# 3239

Delta R.T. -0.05 min

Lab File: BG032741.D

Acq: 16 Feb 2018 17:06

Instrument :

BNA_G

ClientSampleId :

SAMPLE-B

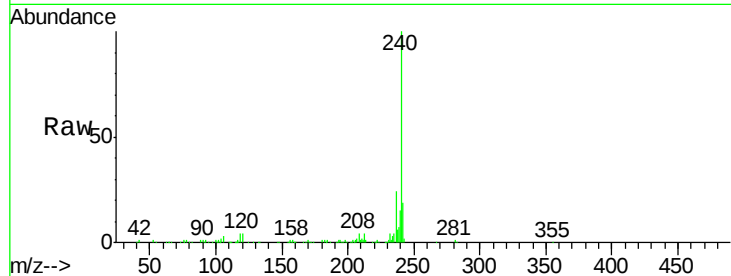
Tgt Ion:240 Resp: 228285

Ion Ratio Lower Upper

240 100

120 4.0 6.8 10.2#

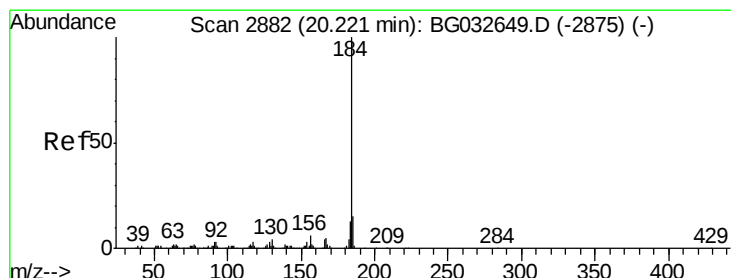
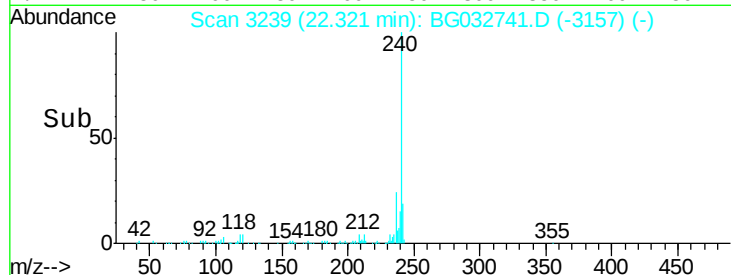
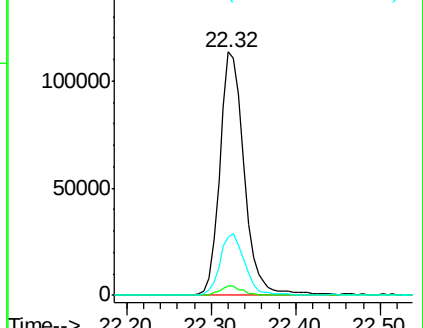
236 24.1 20.9 31.3



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



#76

Benzidine

Concen: 2.878 ng

RT: 20.55 min Scan# 2938

Delta R.T. 0.33 min

Lab File: BG032741.D

Acq: 16 Feb 2018 17:06

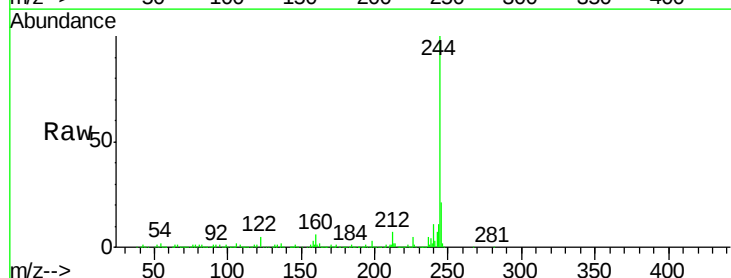
Tgt Ion:184 Resp: 15473

Ion Ratio Lower Upper

184 100

185 22.1 11.1 16.7#

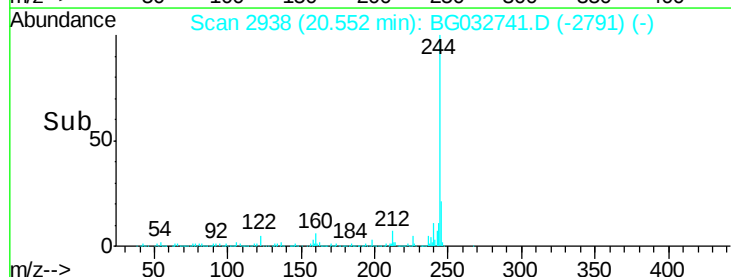
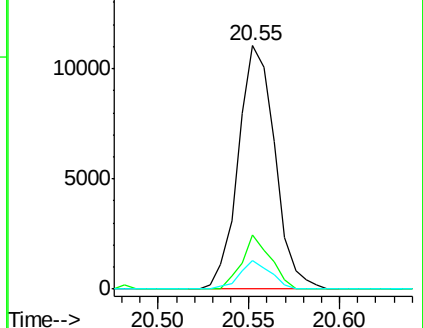
183 11.7 10.6 16.0

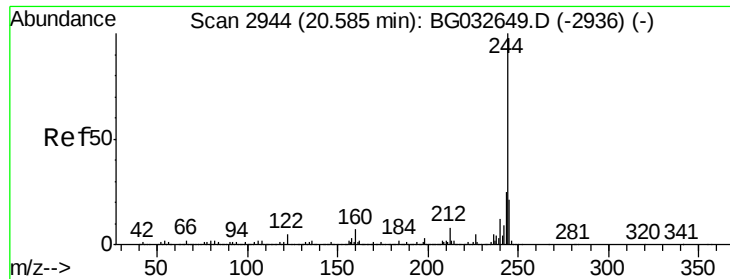


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 113.136 ng

RT: 20.55 min Scan# 2938

Delta R.T. -0.03 min

Lab File: BG032741.D

Acq: 16 Feb 2018 17:06

Instrument :

BNA_G

ClientSampleId :

SAMPLE-B

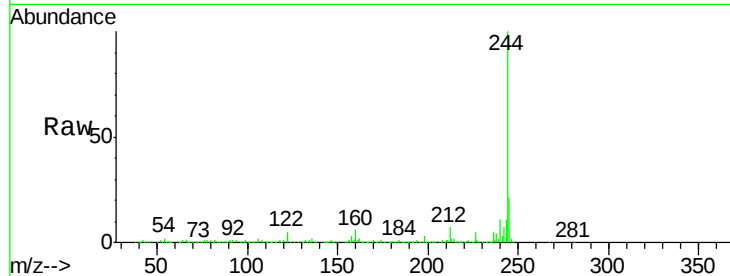
Tgt Ion:244 Resp: 1133162

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

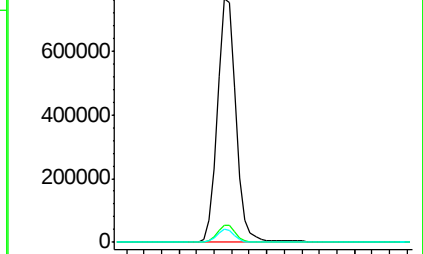
122 5.4 7.0 10.4#



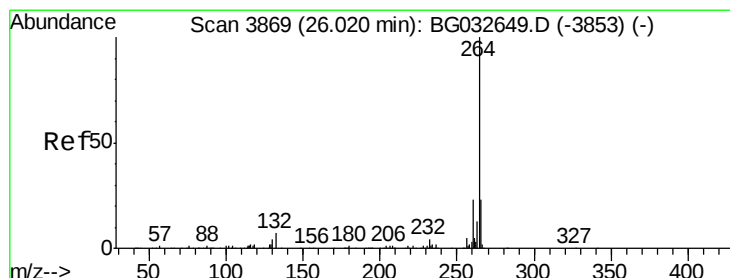
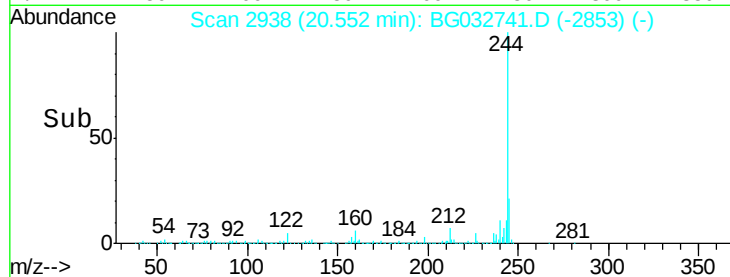
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.93 min Scan# 3854

Delta R.T. -0.09 min

Lab File: BG032741.D

Acq: 16 Feb 2018 17:06

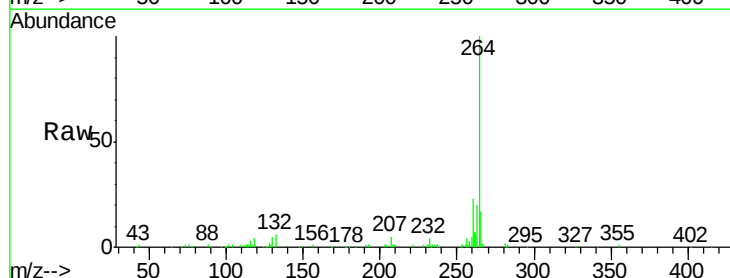
Tgt Ion:264 Resp: 151956

Ion Ratio Lower Upper

264 100

260 23.2 17.4 26.0

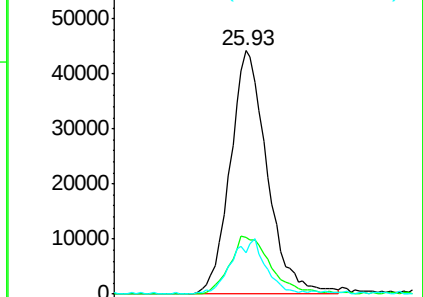
265 17.1 17.7 26.5#



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



Time-->

