

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022718\
 Data File : BG032855.D
 Acq On : 27 Feb 2018 15:11
 Operator : SJ/JU
 Sample : J1691-64
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 28 02:36:35 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 26 17:50:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	78283	20.00	ng	0.00
21) Naphthalene-d8	11.81	136	341448	20.00	ng	0.00
38) Acenaphthene-d10	15.54	164	196298	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	460978	20.00	ng	0.00
75) Chrysene-d12	22.61	240	427672	20.00	ng	-0.02
86) Perylene-d12	26.43	264	441381	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.34	112	576800	117.88	ng	0.00
7) Phenol-d6	8.02	99	676055	99.12	ng	0.00
23) Nitrobenzene-d5	10.12	82	505306	100.63	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	280757	136.03	ng	0.00
44) 2-Fluorobiphenyl	14.17	172	1122962	82.51	ng	0.00
78) Terphenyl-d14	20.78	244	1657922	87.10	ng	0.00

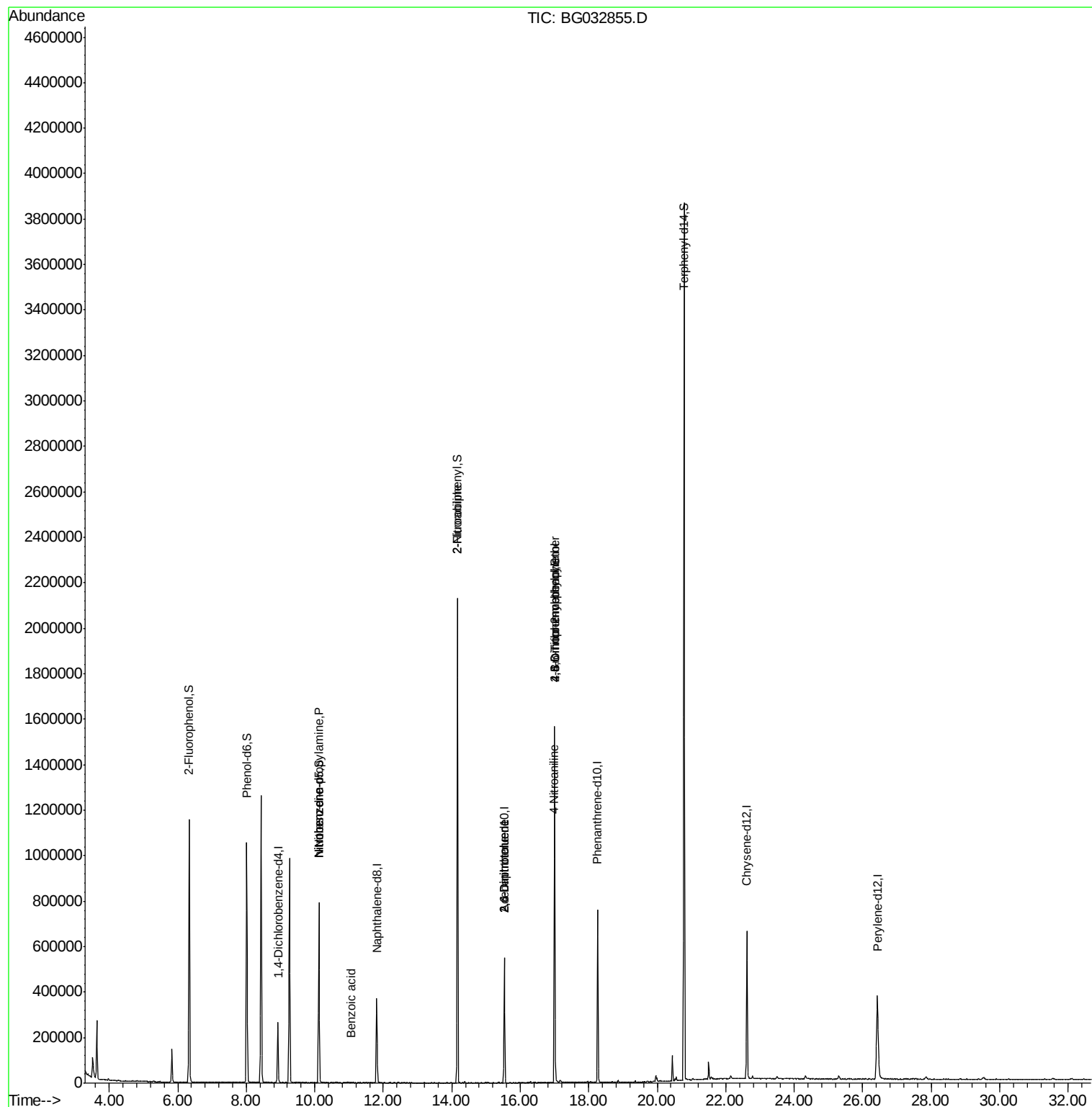
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	10.12	70	65786	13.66	ng	# 79
24) Nitrobenzene	10.12	77	1639	6.64	ng	# 39
32) Benzoic acid	11.05	122	66	5.84	ng	# 1
47) 2-Nitroaniline	14.17	65	1974	10.32	ng	# 1
50) 2,6-Dinitrotoluene	15.54	165	25177	16.33	ng	# 20
56) 2,4-Dinitrotoluene	15.54	165	25177	14.53	ng	# 18
61) 4-Nitroaniline	16.99	138	53	5.31	ng	# 1
64) 4,6-Dinitro-2-methylphenol	17.00	198	968	5.84	ng	# 1
66) 4-Bromophenyl-phenylether	17.00	248	20507	4.21	ng	# 1

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

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022718\
Data File : BG032855.D
Acq On : 27 Feb 2018 15:11
Operator : SJ/JU
Sample : J1691-64
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Feb 28 02:36:35 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 26 17:50:45 2018
Response via : Initial Calibration



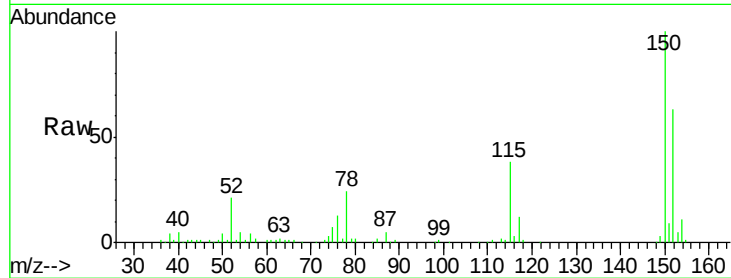


#1

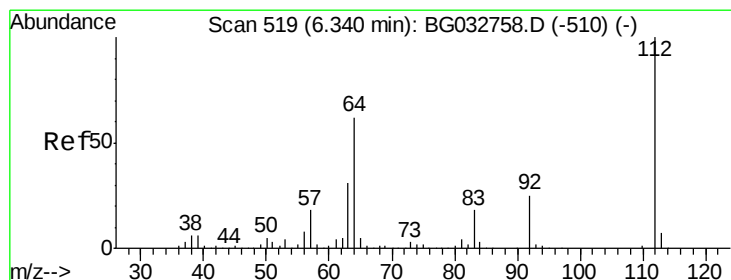
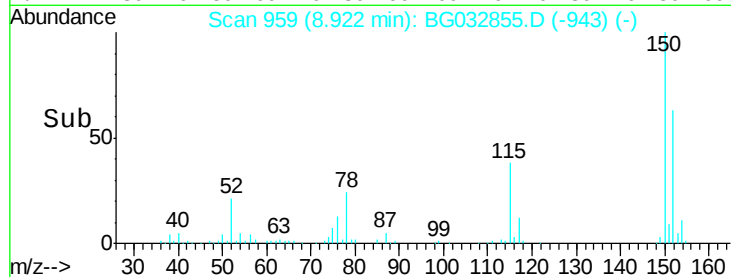
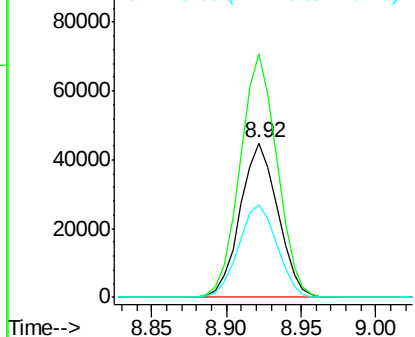
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.92 min Scan# 959
Delta R.T. -0.00 min
Lab File: BG032855.D
Acq: 27 Feb 2018 15:11

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 78283
Ion Ratio Lower Upper
152 100
150 157.6 126.6 189.8
115 59.7 53.0 79.4



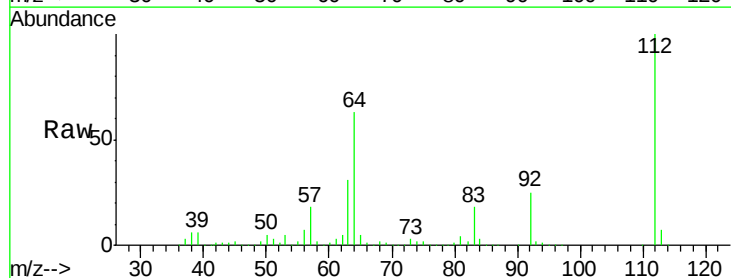
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



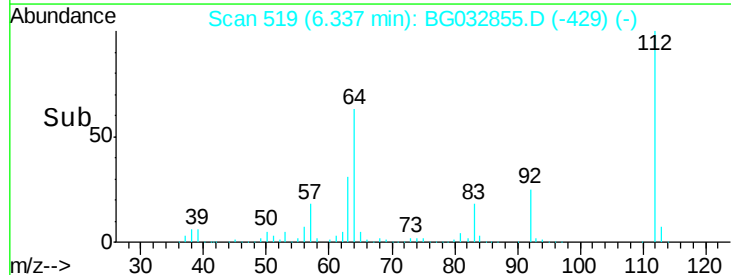
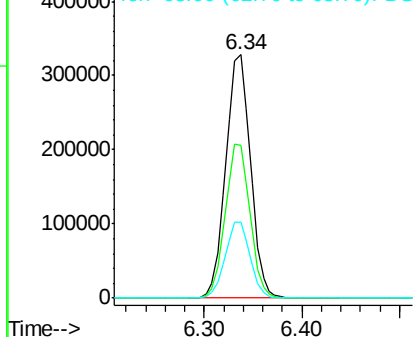
#5

2-Fluorophenol
Concen: 117.88 ng
RT: 6.34 min Scan# 519
Delta R.T. 0.00 min
Lab File: BG032855.D
Acq: 27 Feb 2018 15:11

Tgt Ion:112 Resp: 576800
Ion Ratio Lower Upper
112 100
64 62.6 56.3 84.5
63 31.1 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: 99.12 ng

RT: 8.02 min Scan# 805

Delta R.T. 0.00 min

Lab File: BG032855.D

Acq: 27 Feb 2018 15:11

Instrument :

BNA_G

ClientSampled :

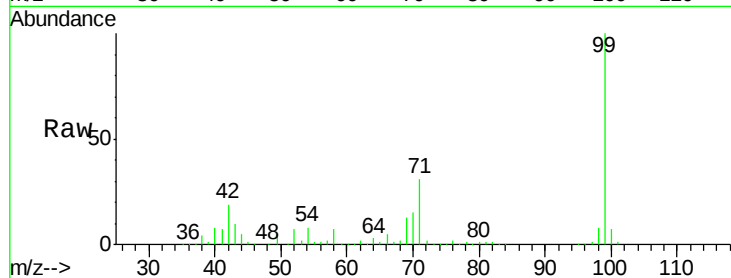
Tot Ion: 99 Resp: 676055

Ion Ratio Lower Upper

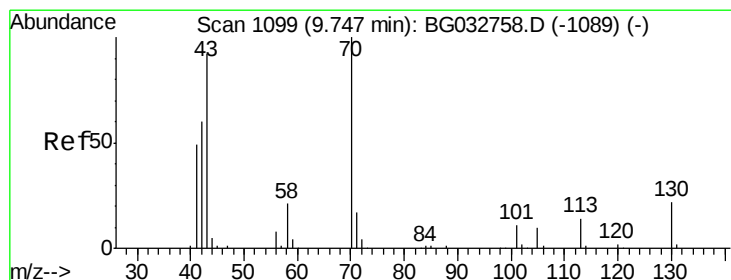
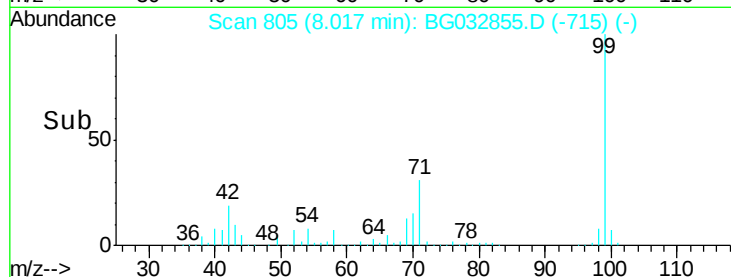
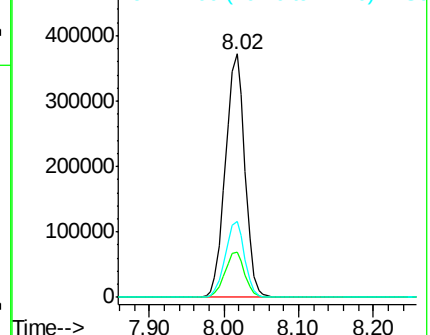
99 100

42 18.7 14.1 21.1

71 31.4 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



#19

n-Nitroso-di-n-propylamine

Concen: 13.66 ng

RT: 10.12 min Scan# 1163

Delta R.T. 0.38 min

Lab File: BG032855.D

Acq: 27 Feb 2018 15:11

Tgt Ion: 70 Resp: 65786

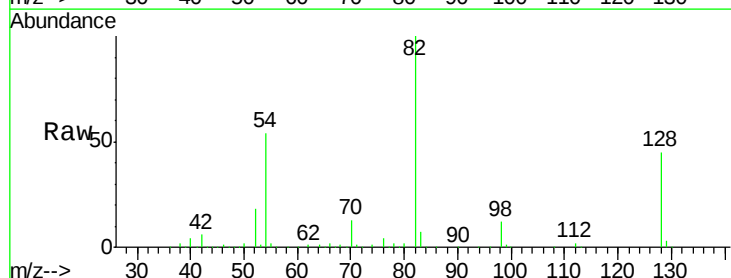
Ion Ratio Lower Upper

70 100

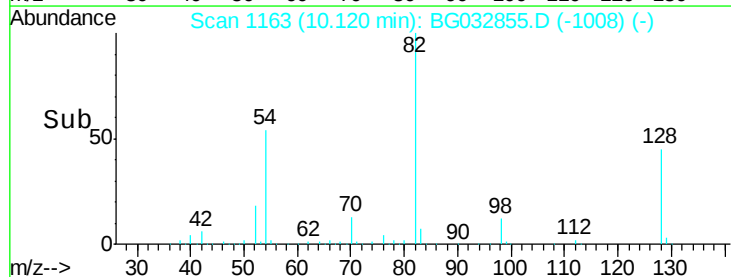
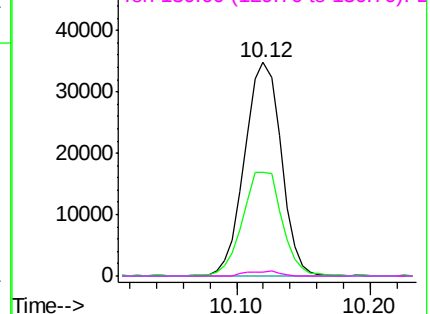
42 48.7 49.1 73.7#

101 0.0 8.5 12.7#

130 2.0 13.4 20.0#



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

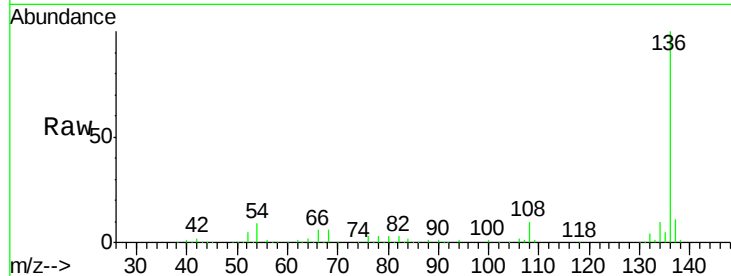




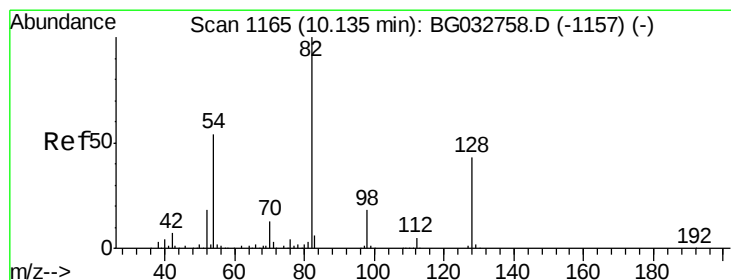
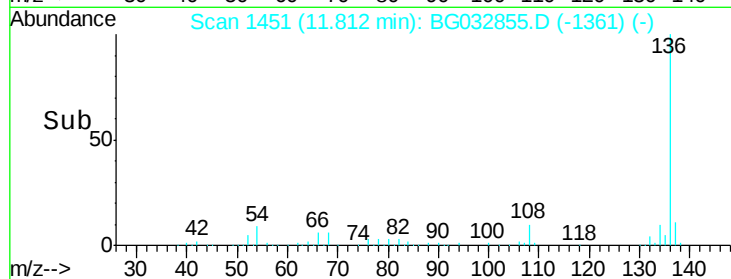
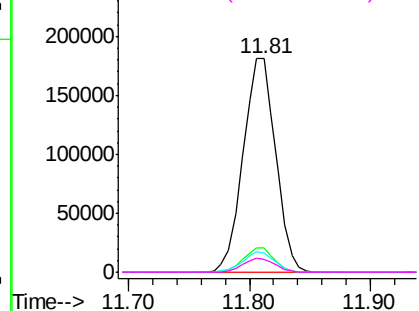
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.81 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BG032855.D
Acq: 27 Feb 2018 15:11

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	341448
Ion Ratio	Lower	Upper
136	100	
137	11.1	9.2 13.8
54	9.1	10.3 15.5#
68	6.1	4.5 6.7

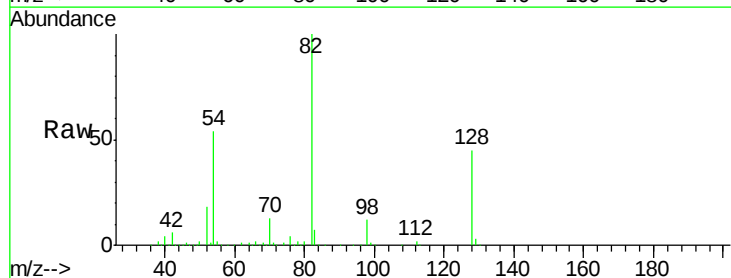


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

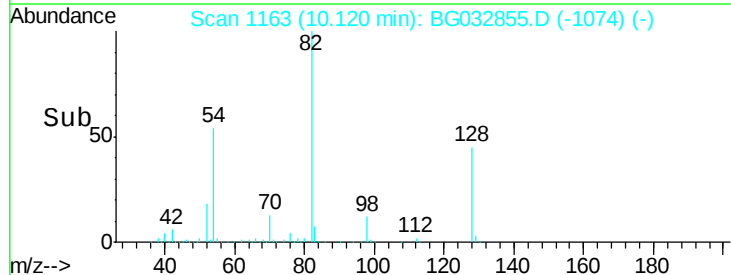
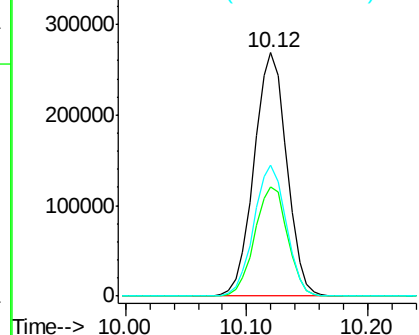


#23
Nitrobenzene-d5
Concen: 100.63 ng
RT: 10.12 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BG032855.D
Acq: 27 Feb 2018 15:11

Tgt Ion: 82	Resp:	505306
Ion Ratio	Lower	Upper
82	100	
128	45.0	29.7 44.5#
54	53.6	43.1 64.7



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

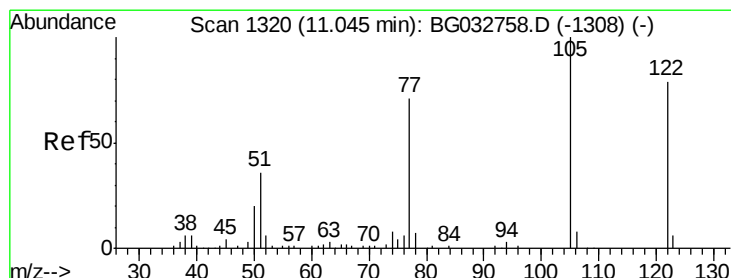
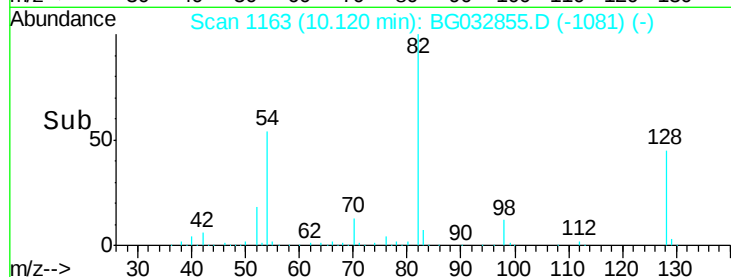
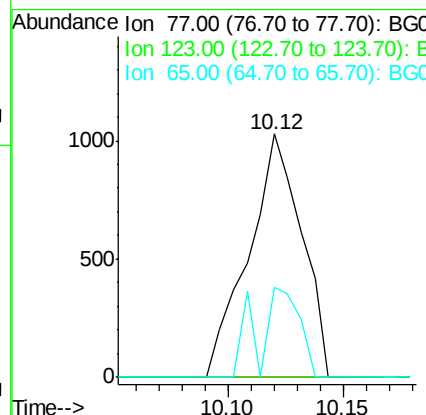
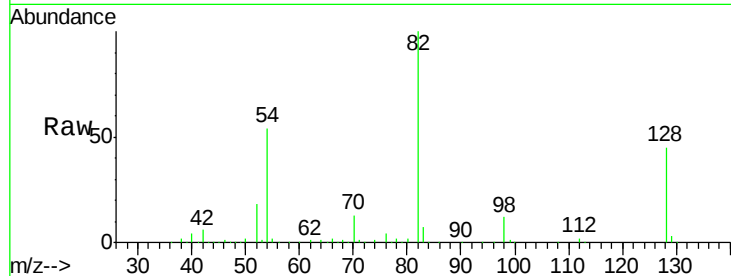




#24
 Nitrobenzene
 Concen: 6.64 ng
 RT: 10.12 min Scan# 1163
 Delta R.T. -0.05 min
 Lab File: BG032855.D
 Acq: 27 Feb 2018 15:11

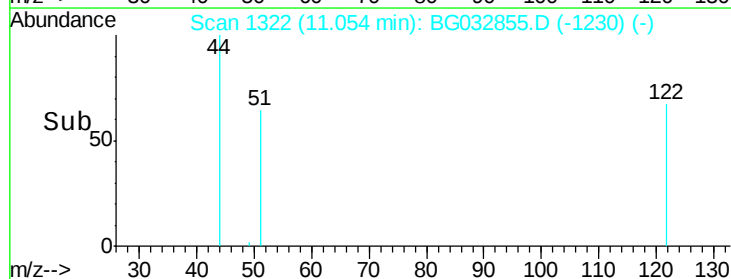
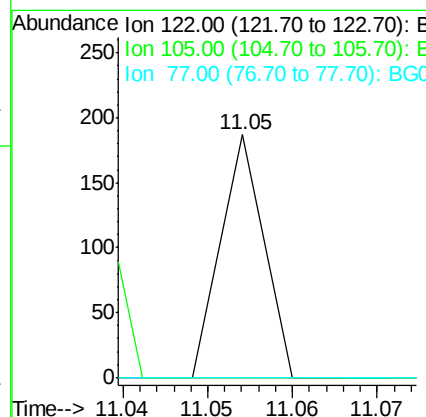
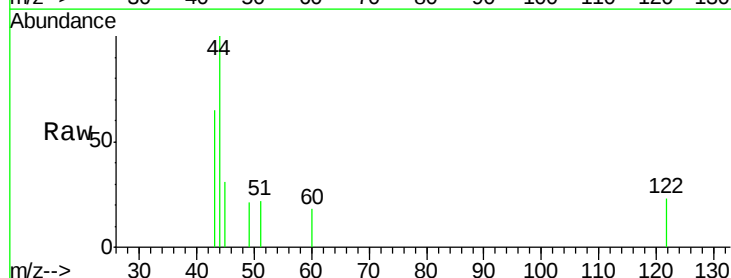
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
77	100		
123	0.0	33.0	49.6#
65	36.9	13.0	19.6#



#32
 Benzoic acid
 Concen: 5.84 ng
 RT: 11.05 min Scan# 1322
 Delta R.T. 0.01 min
 Lab File: BG032855.D
 Acq: 27 Feb 2018 15:11

Tgt Ion	Ratio	Lower	Upper
122	100		
105	0.0	123.5	163.5#
77	0.0	85.7	125.7#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.54 min Scan# 2085

Delta R.T. -0.00 min

Lab File: BG032855.D

Acq: 27 Feb 2018 15:11

Instrument :

BNA_G

ClientSampleId :

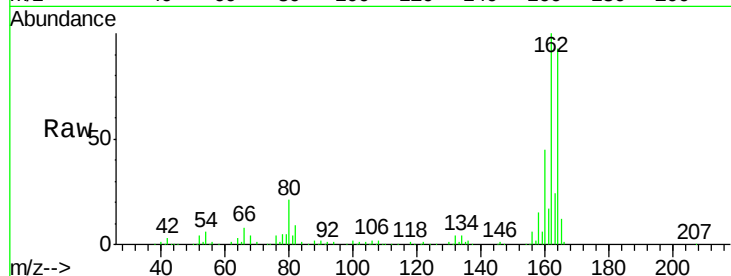
Tot Ion:164 Resp: 196298

Ion Ratio Lower Upper

164 100

162 107.5 78.8 118.2

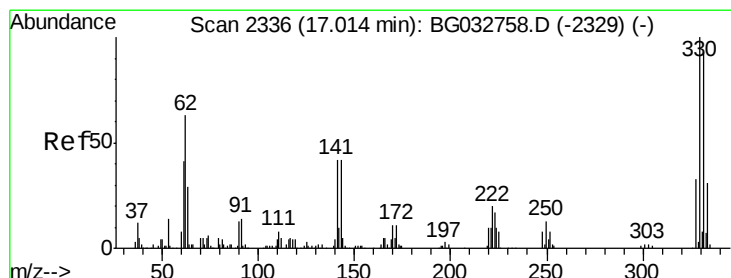
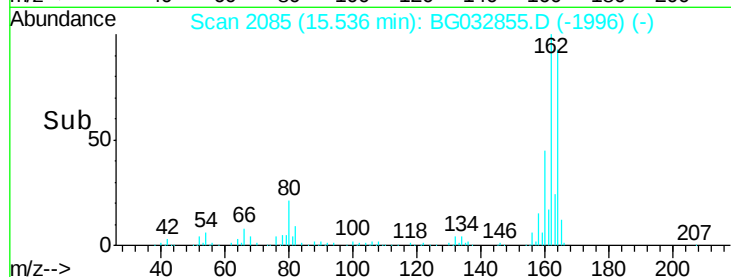
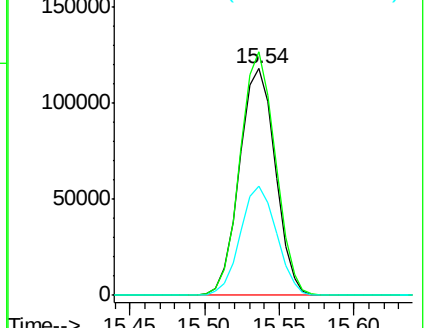
160 48.5 35.4 53.0



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: 136.03 ng

RT: 17.00 min Scan# 2335

Delta R.T. -0.00 min

Lab File: BG032855.D

Acq: 27 Feb 2018 15:11

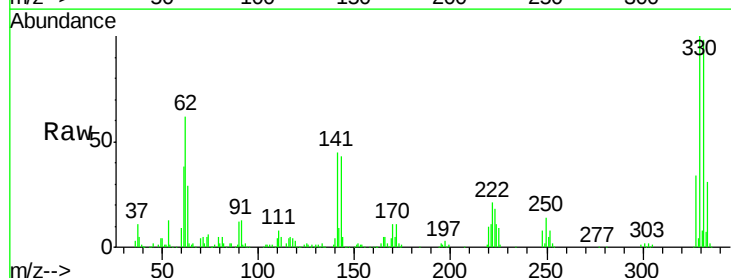
Tgt Ion:330 Resp: 280757

Ion Ratio Lower Upper

330 100

332 96.5 77.0 115.6

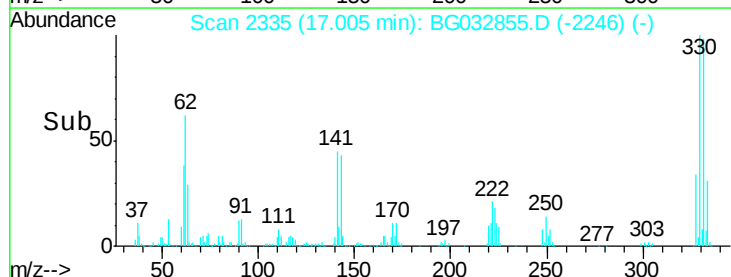
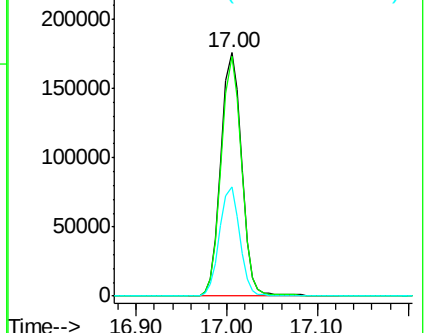
141 43.7 25.2 37.8#

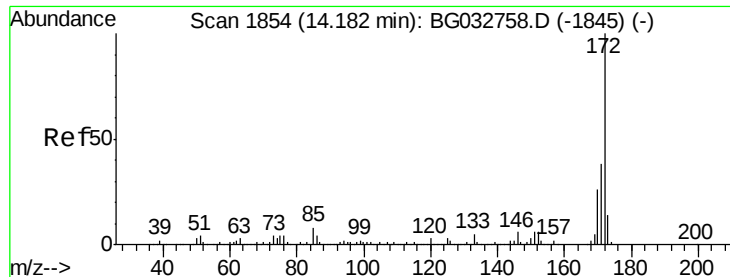


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 82.51 ng

RT: 14.17 min Scan# 1852

Delta R.T. -0.00 min

Lab File: BG032855.D

Acq: 27 Feb 2018 15:11

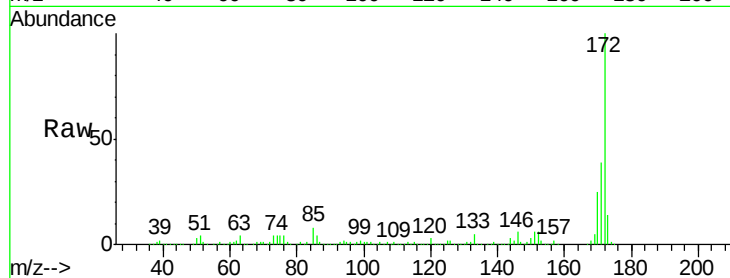
Instrument :

BNA_G

ClientSampleId :

Tot Ion:172 Resp: 1122962

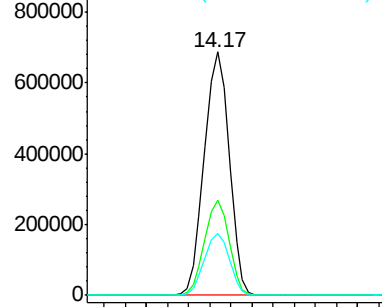
Ion	Ratio	Lower	Upper
172	100		
171	38.9	30.0	45.0
170	25.4	19.5	29.3



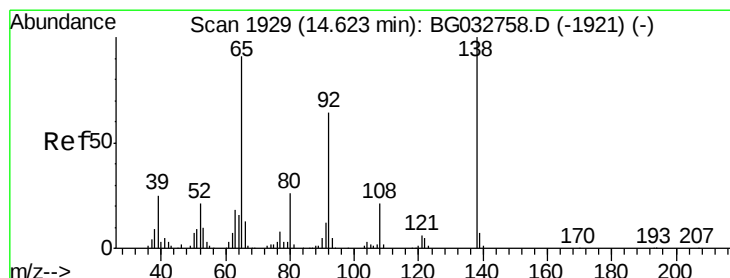
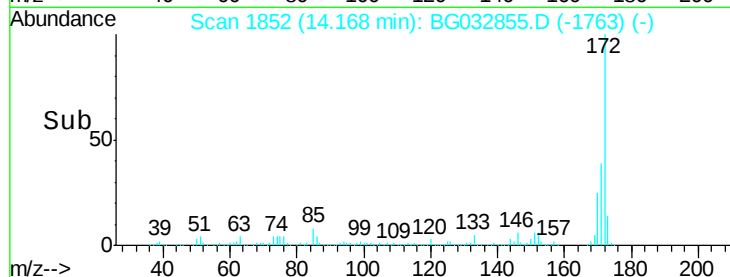
Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



Time-->



#47

2-Nitroaniline

Concen: 10.32 ng

RT: 14.17 min Scan# 1852

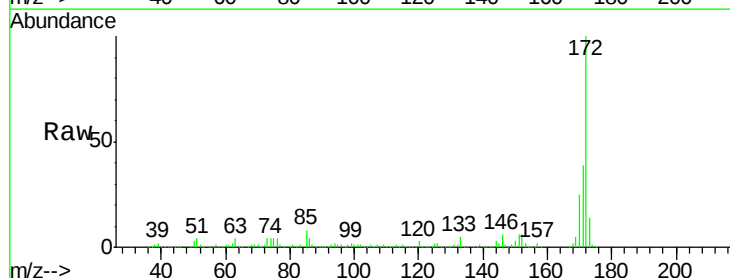
Delta R.T. -0.45 min

Lab File: BG032855.D

Acq: 27 Feb 2018 15:11

Tgt Ion: 65 Resp: 1974

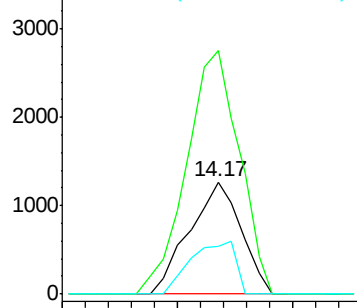
Ion	Ratio	Lower	Upper
65	100		
92	217.5	54.6	82.0#
138	42.7	72.9	109.3#



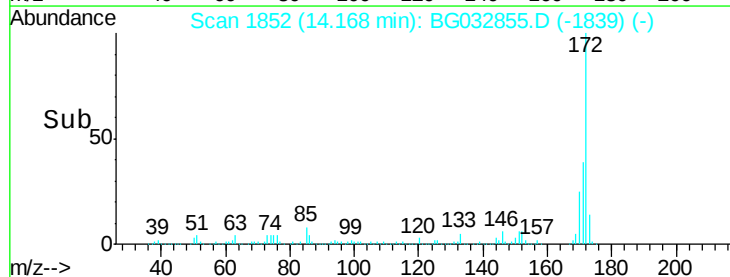
Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E



Time-->





#50

2,6-Dinitrotoluene

Concen: 16.33 ng

RT: 15.54 min Scan# 2085

Delta R.T. 0.44 min

Lab File: BG032855.D

Acq: 27 Feb 2018 15:11

Instrument :

BNA_G

ClientSampleId :

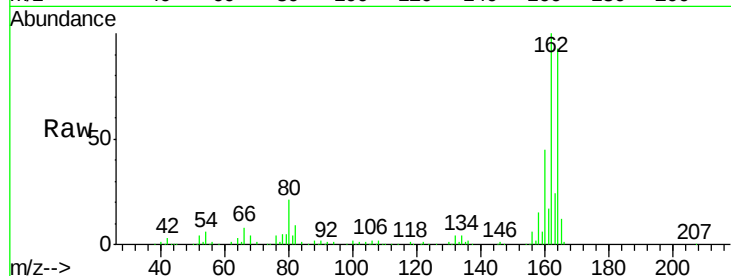
Tot Ion:165 Resp: 25177

Ion Ratio Lower Upper

165 100

63 0.0 52.7 79.1#

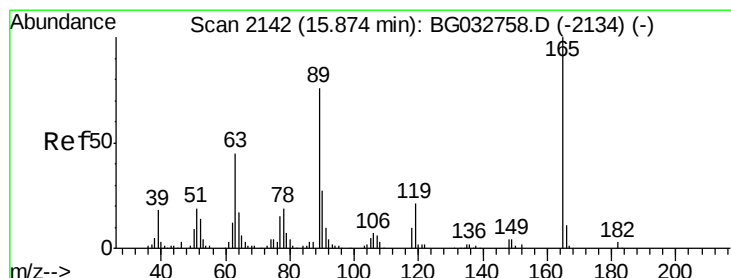
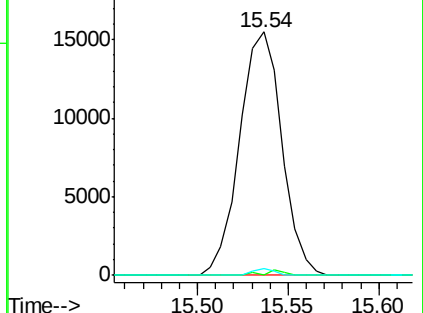
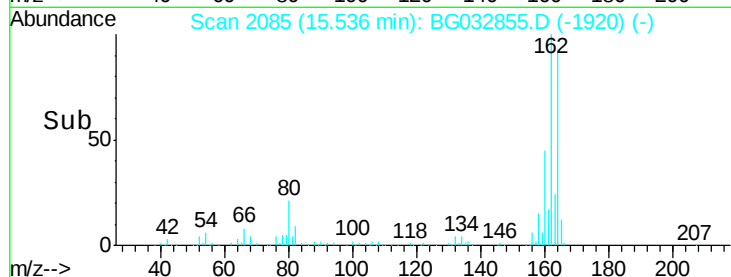
89 2.6 49.2 73.8#



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



#56

2,4-Dinitrotoluene

Concen: 14.53 ng

RT: 15.54 min Scan# 2085

Delta R.T. -0.33 min

Lab File: BG032855.D

Acq: 27 Feb 2018 15:11

Tgt Ion:165 Resp: 25177

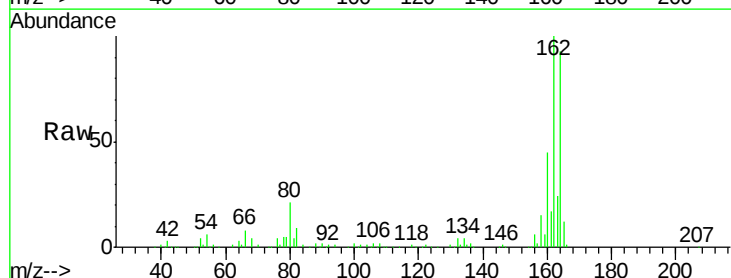
Ion Ratio Lower Upper

165 100

63 0.0 42.0 63.0#

89 2.6 66.9 100.3#

182 0.0 2.6 3.8#

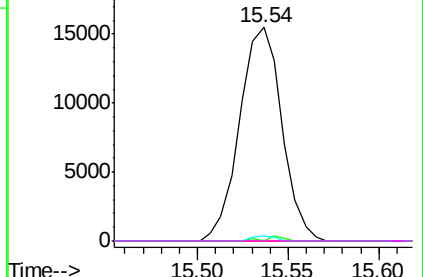
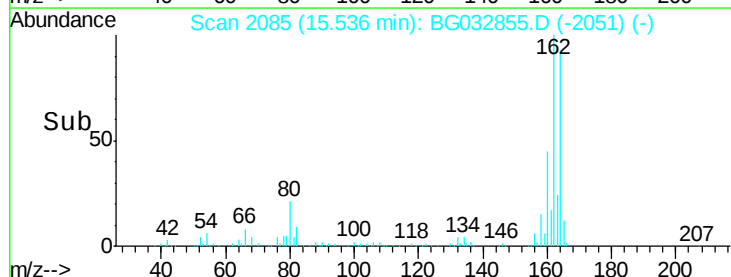


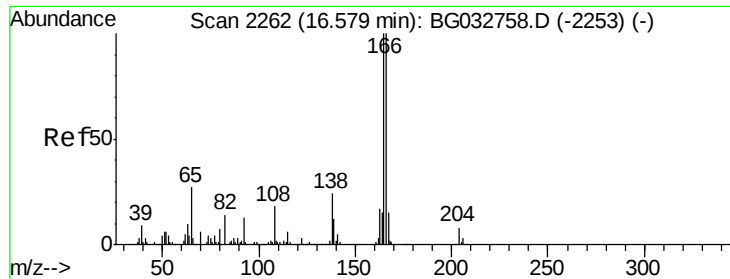
Abundance Ion 165.00 (164.70 to 165.70): E

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

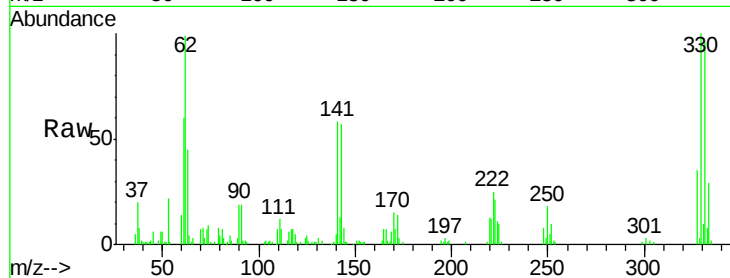




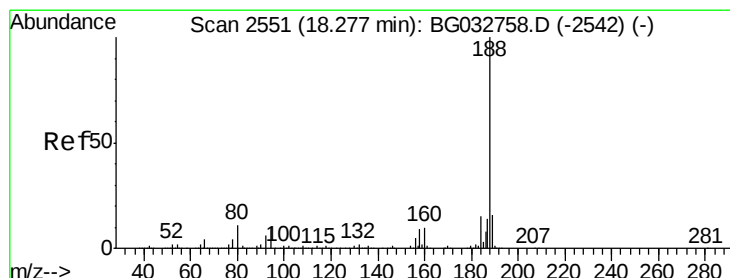
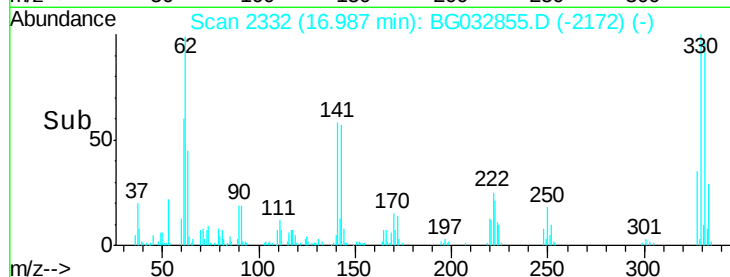
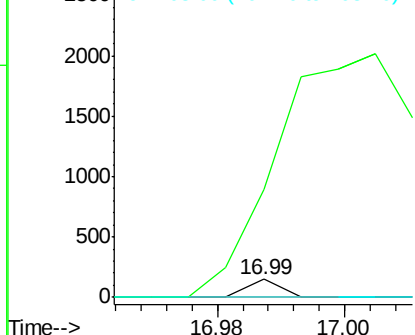
#61
4-Nitroaniline
Concen: 5.31 ng
RT: 16.99 min Scan# 2332
Delta R.T. 0.41 min
Lab File: BG032855.D
Acq: 27 Feb 2018 15:11

Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 53
Ion Ratio Lower Upper
138 100
92 593.4 40.1 80.1#
108 0.0 65.4 105.4#

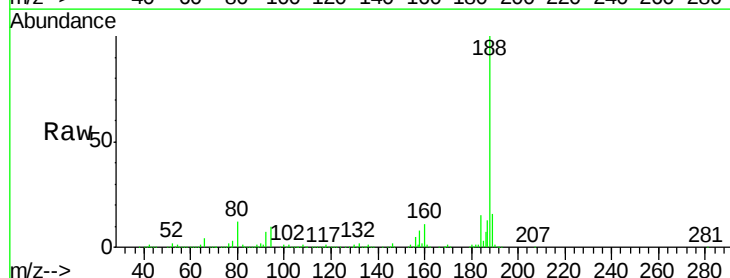


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E

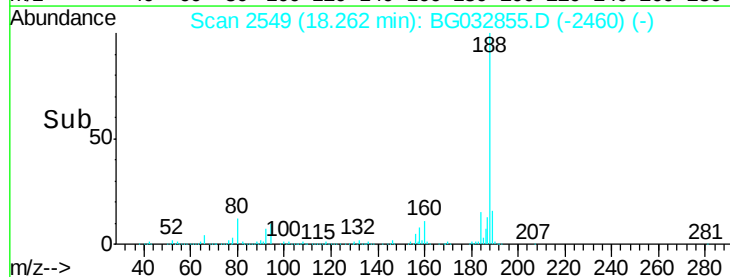
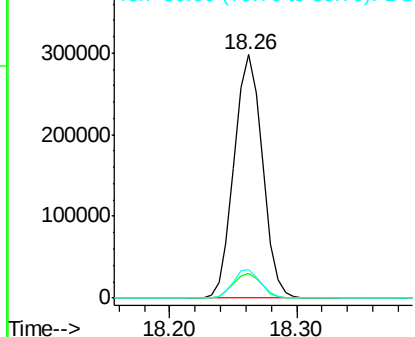


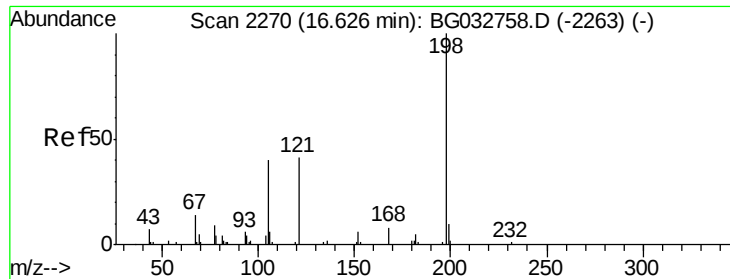
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.26 min Scan# 2549
Delta R.T. -0.00 min
Lab File: BG032855.D
Acq: 27 Feb 2018 15:11

Tgt Ion:188 Resp: 460978
Ion Ratio Lower Upper
188 100
94 10.0 6.9 10.3
80 11.7 7.7 11.5#



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





#64

4,6-Dinitro-2-methylphenol

Concen: 5.84 ng

RT: 17.00 min Scan# 2335

Delta R.T. 0.38 min

Lab File: BG032855.D

Acq: 27 Feb 2018 15:11

Instrument :

BNA_G

ClientSampleId :

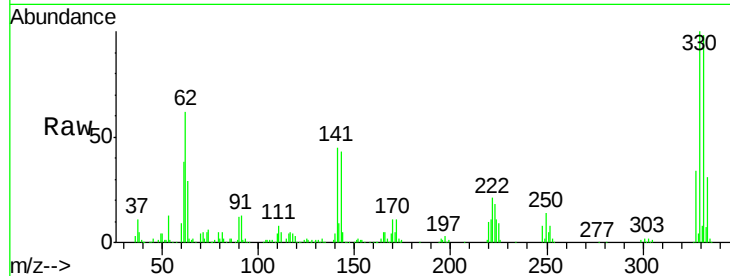
Tot Ion:198 Resp: 968

Ion Ratio Lower Upper

198 100

51 150.3 30.6 70.6#

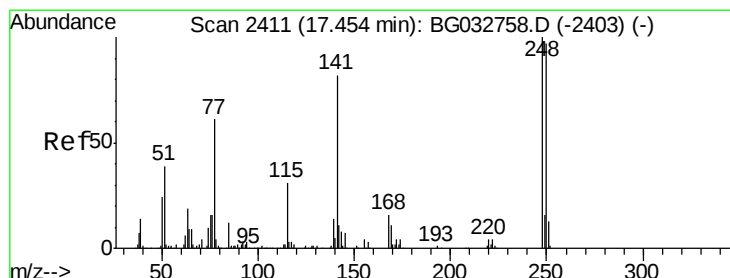
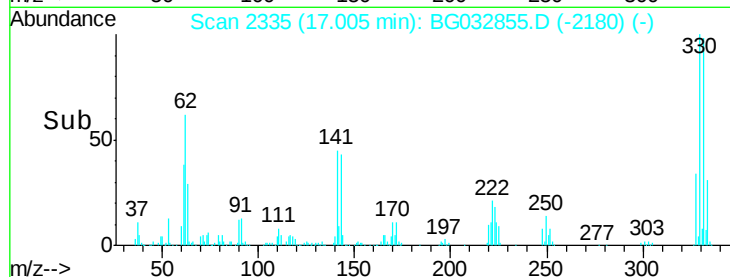
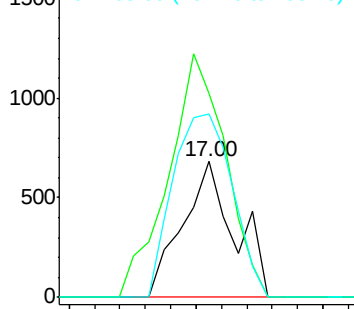
105 135.7 23.8 63.8#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG032758.D (-2263) (-)

Ion 105.00 (104.70 to 105.70): E



#66

4-Bromophenyl-phenylether

Concen: 4.21 ng

RT: 17.00 min Scan# 2335

Delta R.T. -0.44 min

Lab File: BG032855.D

Acq: 27 Feb 2018 15:11

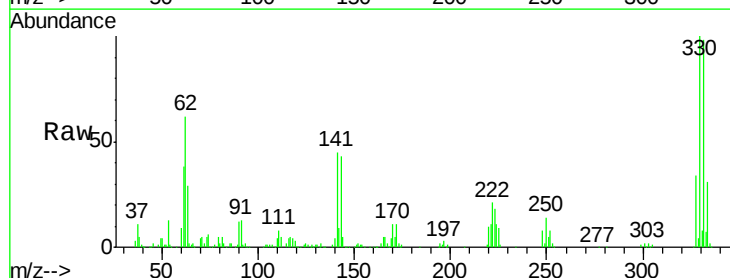
Tgt Ion:248 Resp: 20507

Ion Ratio Lower Upper

248 100

250 189.3 77.1 115.7#

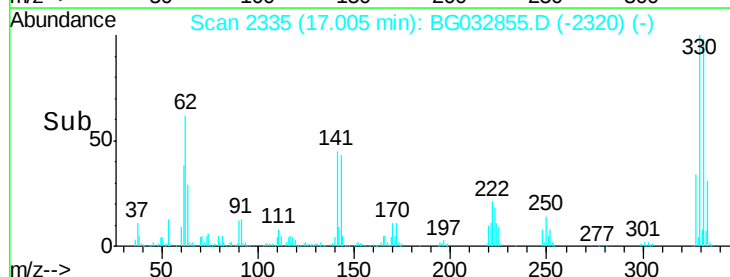
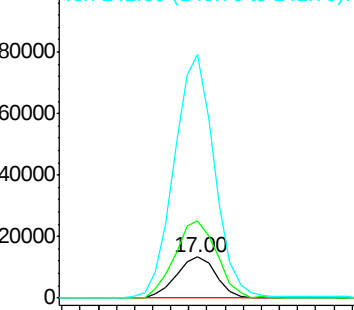
141 595.5 50.8 76.2#

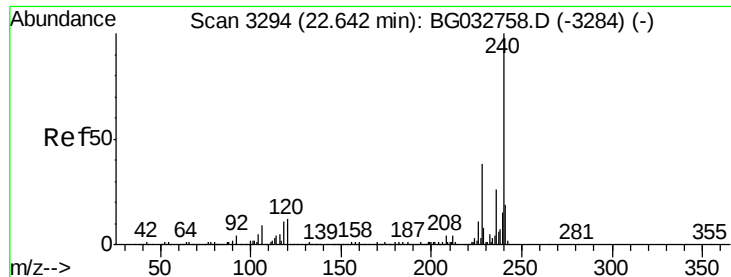


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.61 min Scan# 3290

Delta R.T. -0.02 min

Lab File: BG032855.D

Acq: 27 Feb 2018 15:11

Instrument :

BNA_G

ClientSampleId :

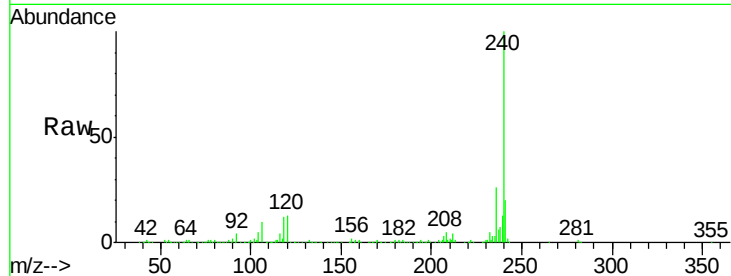
Tot Ion:240 Resp: 427672

Ion Ratio Lower Upper

240 100

120 13.1 6.8 10.2#

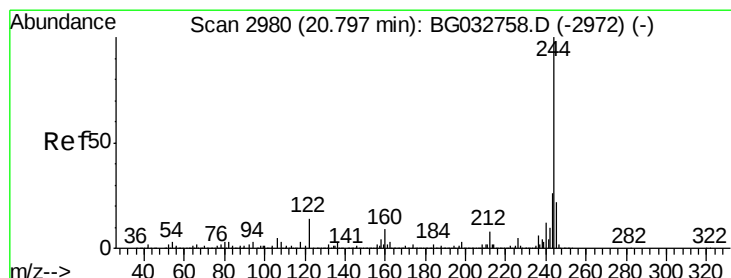
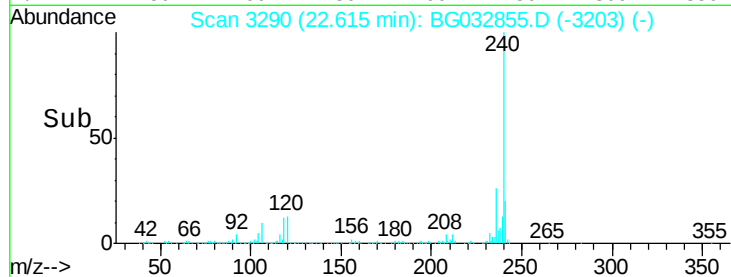
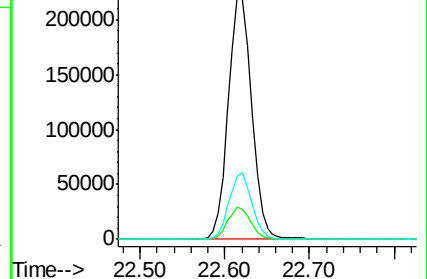
236 26.0 20.9 31.3



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



#78

Terphenyl-d14

Concen: 87.10 ng

RT: 20.78 min Scan# 2978

Delta R.T. -0.00 min

Lab File: BG032855.D

Acq: 27 Feb 2018 15:11

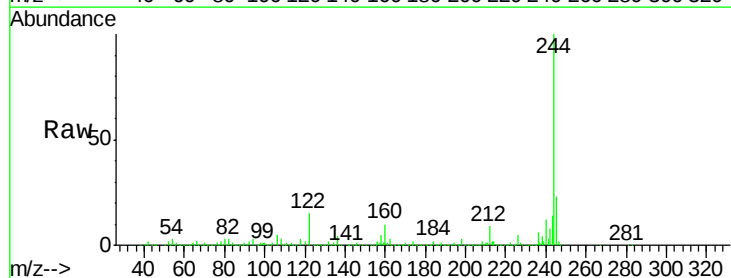
Tgt Ion:244 Resp: 1657922

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

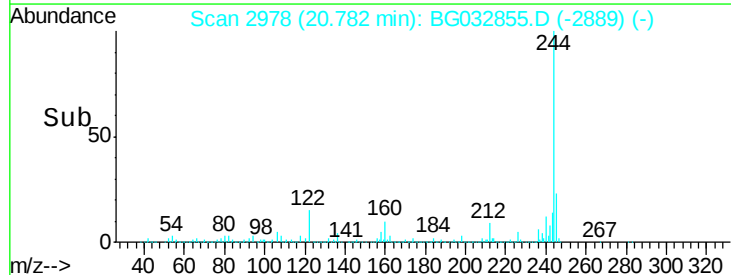
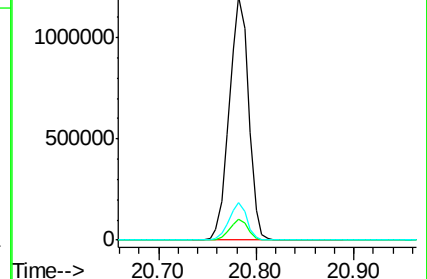
122 15.2 7.0 10.4#

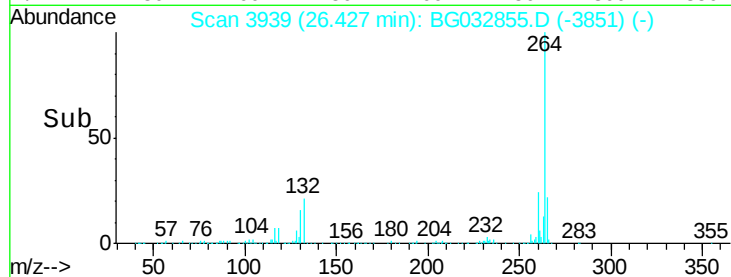
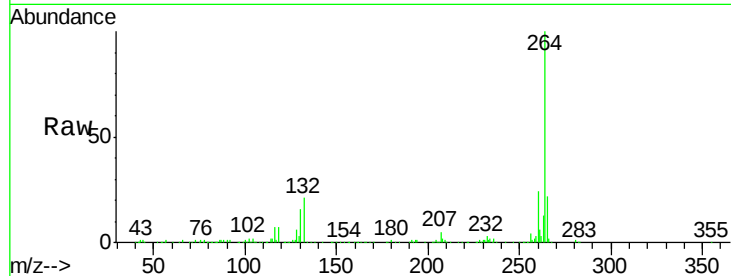
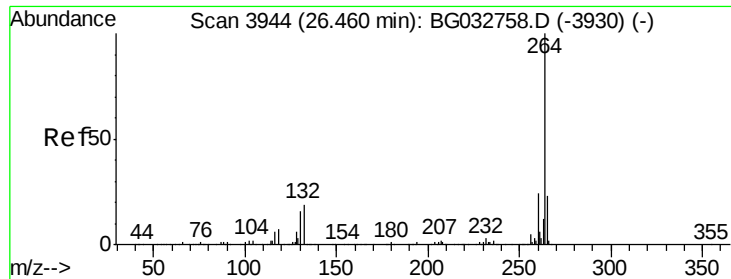


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 26.43 min Scan# 3939
Delta R.T. -0.01 min
Lab File: BG032855.D
Acq: 27 Feb 2018 15:11

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	17.4	26.0
265	22.0	17.7	26.5

