

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072418\
 Data File : BG035845.D
 Acq On : 24 Jul 2018 13:20
 Operator : JU/SJ
 Sample : J4090-01
 Misc : LOD 5PPM
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 24 14:49:33 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 24 14:48:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	43519	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	161843	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	122696	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	345705	20.00	ng	0.00
75) Chrysene-d12	21.65	240	372651	20.00	ng	0.00
86) Perylene-d12	24.85	264	359414	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	245239	93.56	ng	0.00
7) Phenol-d6	7.20	99	362612	92.72	ng	0.00
23) Nitrobenzene-d5	9.19	82	231368	59.72	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	167503	103.58	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	531646	58.05	ng	0.00
78) Terphenyl-d14	20.00	244	1031348	61.01	ng	0.00

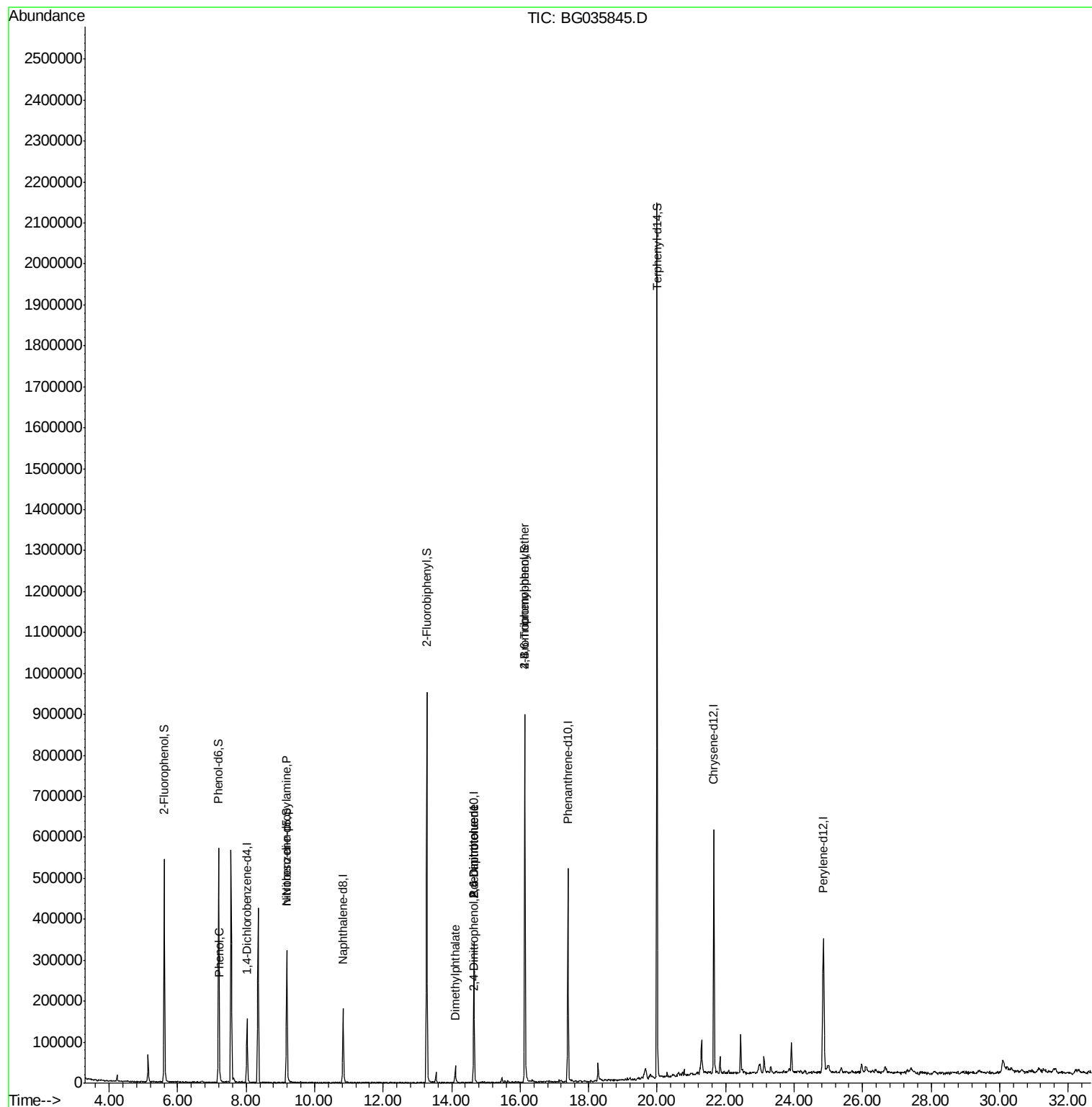
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	7.22	94	12011	3.040	ng	82
19) n-Nitroso-di-n-propylamine	9.19	70	30698	9.321	ng	# 75
49) Dimethylphthalate	14.10	163	35109	3.266	ng	# 97
50) 2,6-Dinitrotoluene	14.65	165	16673	7.616	ng	# 19
53) 2,4-Dinitrophenol	14.63	184	90	6.656	ng	# 1
56) 2,4-Dinitrotoluene	14.65	165	16673	5.309	ng	# 17
66) 4-Bromophenyl-phenylether	16.14	248	13771	3.434	ng	# 1

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

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Quant Time: Jul 24 14:49:33 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 24 14:48:00 2018
Response via : Initial Calibration



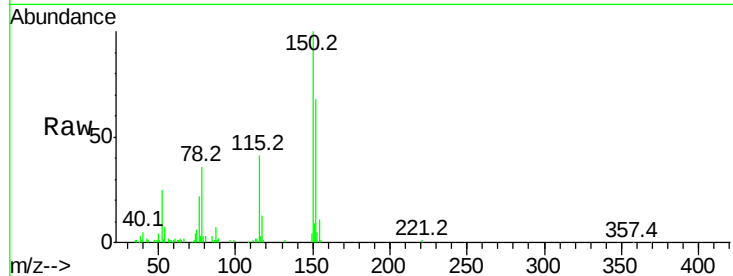


#1

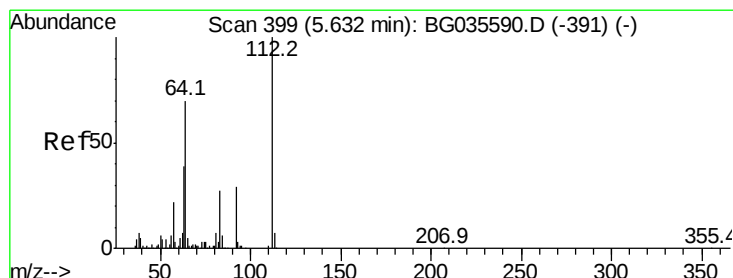
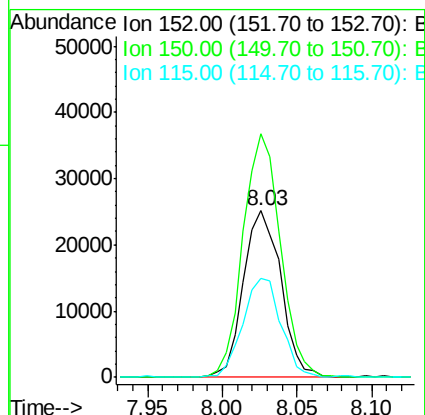
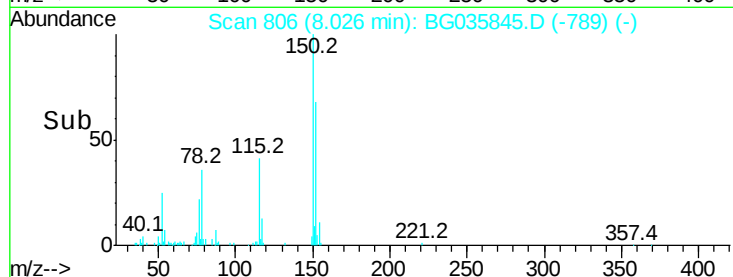
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 806
Delta R.T. -0.00 min
Lab File: BG035845.D
Acq: 24 Jul 2018 13:20

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	146.5	126.6	189.8
115	59.4	53.0	79.4



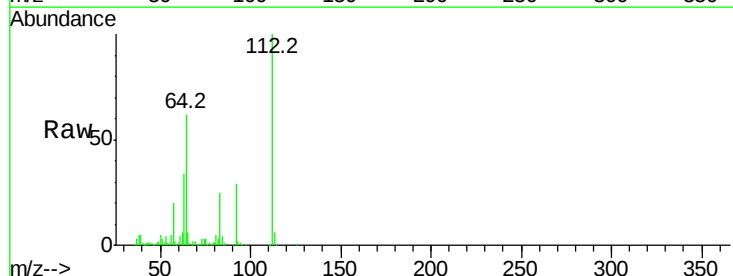
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



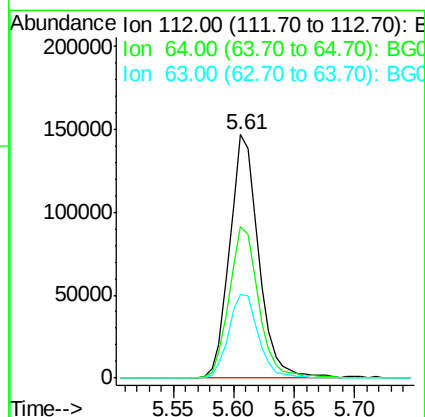
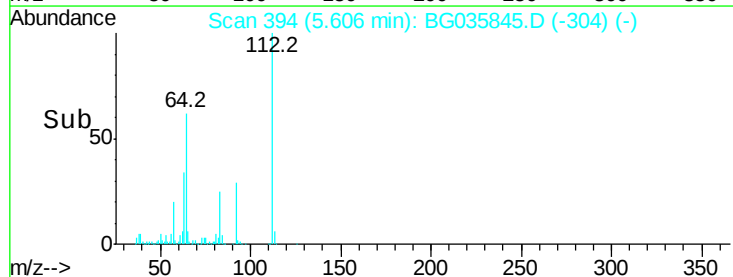
#5

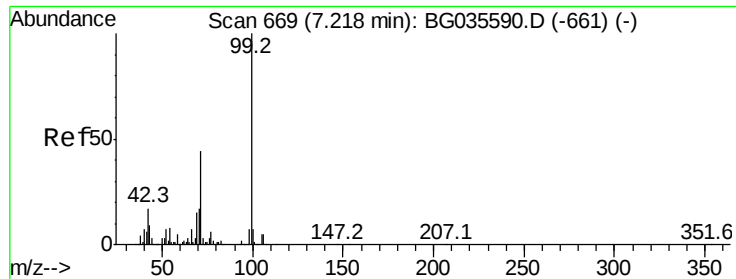
2-Fluorophenol
Concen: 93.558 ng
RT: 5.61 min Scan# 394
Delta R.T. -0.00 min
Lab File: BG035845.D
Acq: 24 Jul 2018 13:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.0	56.3	84.5
63	34.3	30.1	45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 92.719 ng

RT: 7.20 min Scan# 665

Delta R.T. 0.00 min

Lab File: BG035845.D

Acq: 24 Jul 2018 13:20

Instrument :

BNA_G

ClientSampleId :

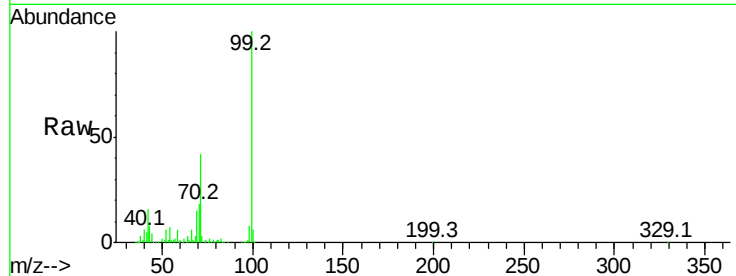
Tot Ion: 99 Resp: 362612

Ion Ratio Lower Upper

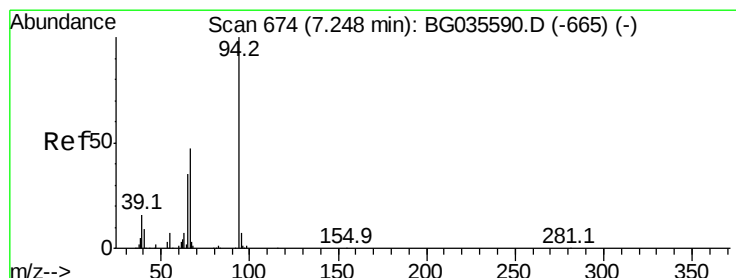
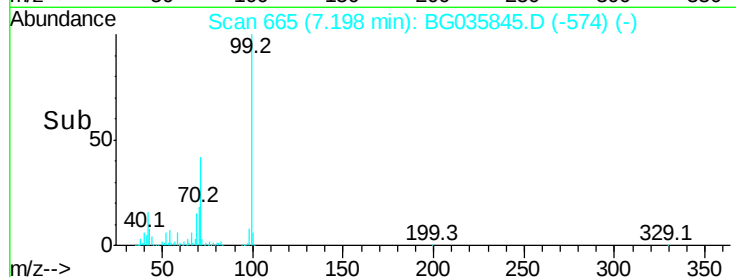
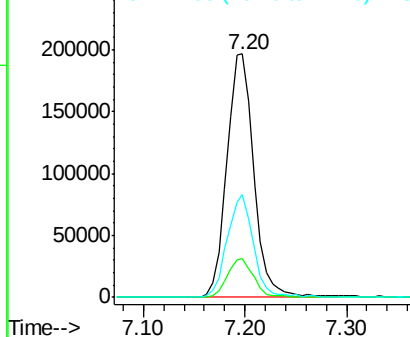
99 100

42 16.2 14.1 21.1

71 42.0 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



#10

Phenol

Concen: 3.040 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG035845.D

Acq: 24 Jul 2018 13:20

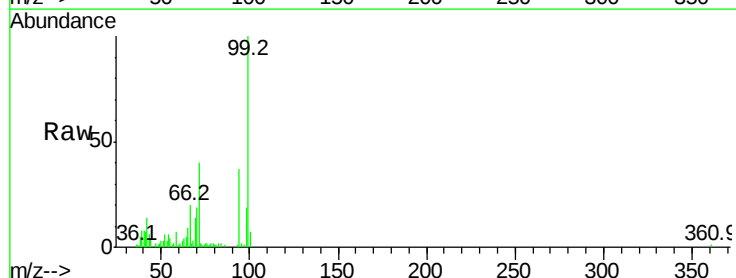
Tgt Ion: 94 Resp: 12011

Ion Ratio Lower Upper

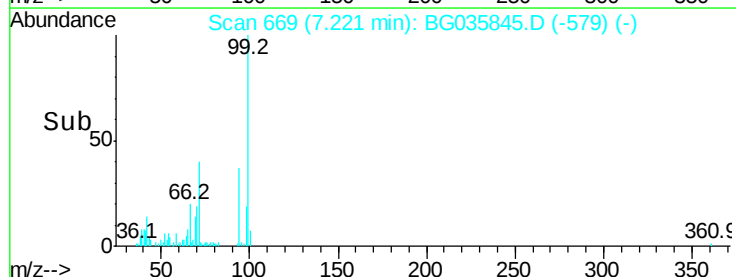
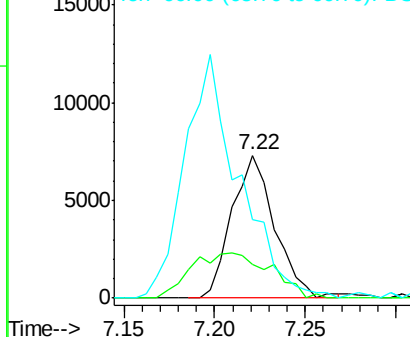
94 100

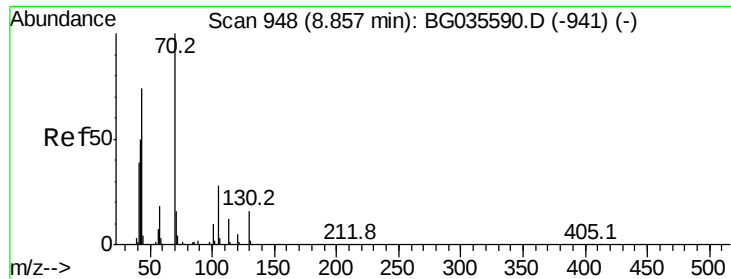
65 23.8 11.9 51.9

66 55.0 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

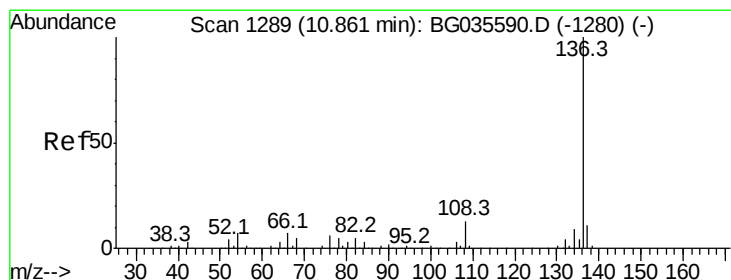
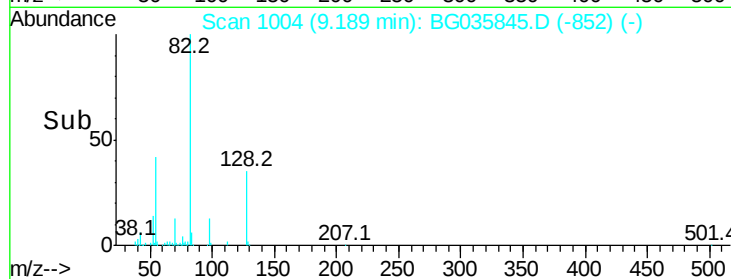
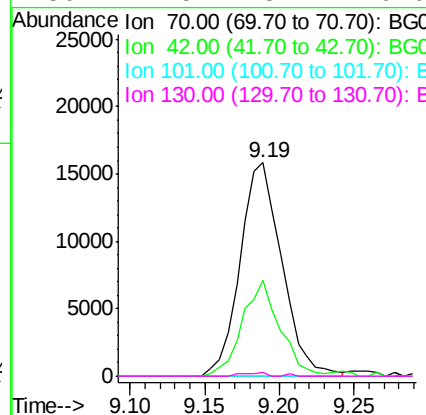
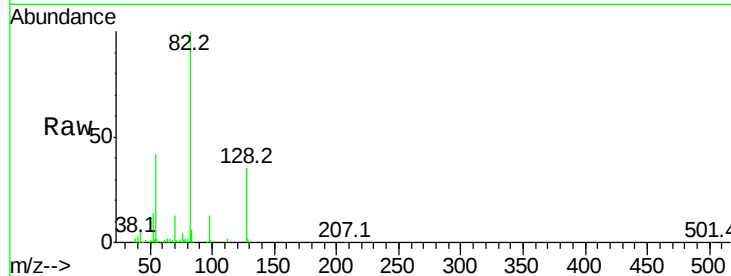




#19
n-Nitroso-di-n-propylamine
Concen: 9.321 ng
RT: 9.19 min Scan# 1004
Delta R.T. 0.36 min
Lab File: BG035845.D
Acq: 24 Jul 2018 13:20

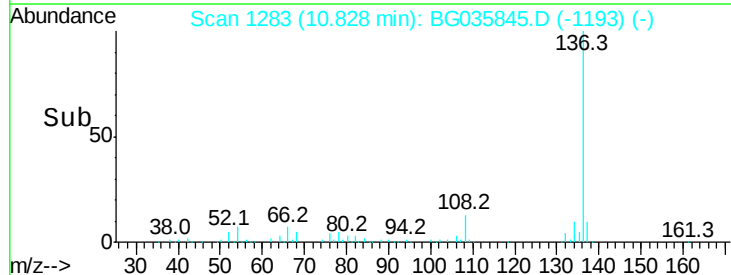
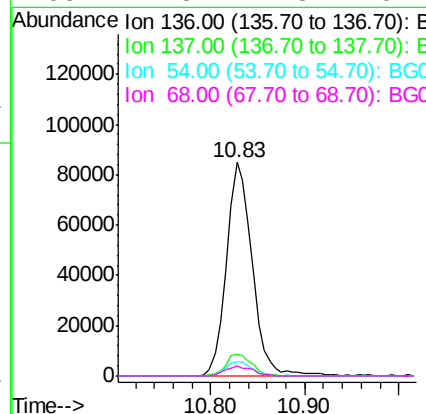
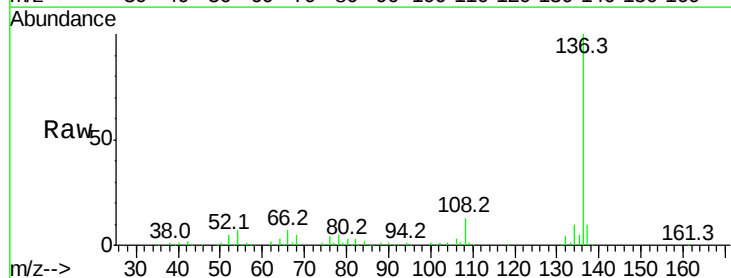
Instrument :
BNA_G
ClientSampled :

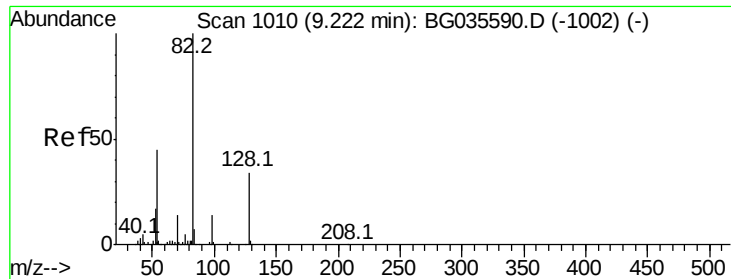
Tot Ion: 70 Resp: 30698
Ion Ratio Lower Upper
70 100
42 44.8 49.1 73.7#
101 0.0 8.5 12.7#
130 1.5 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BG035845.D
Acq: 24 Jul 2018 13:20

Tgt Ion: 136 Resp: 161843
Ion Ratio Lower Upper
136 100
137 10.3 9.2 13.8
54 6.9 10.3 15.5#
68 4.8 4.5 6.7

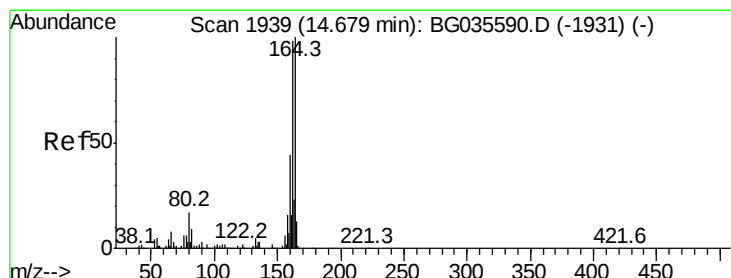
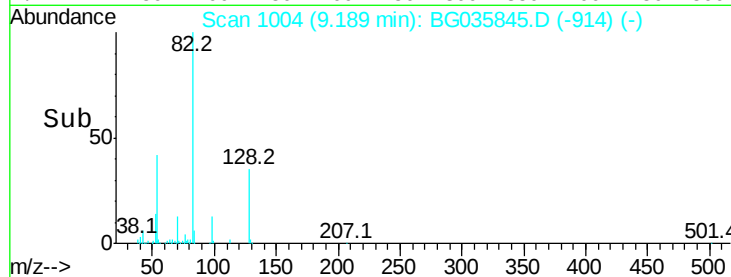
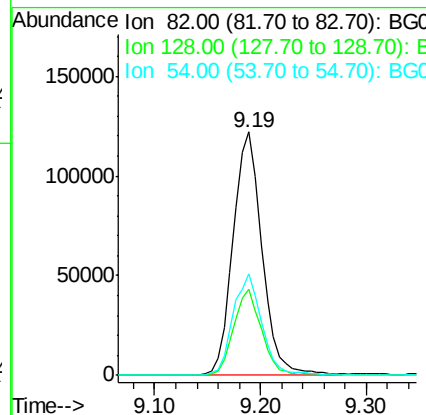
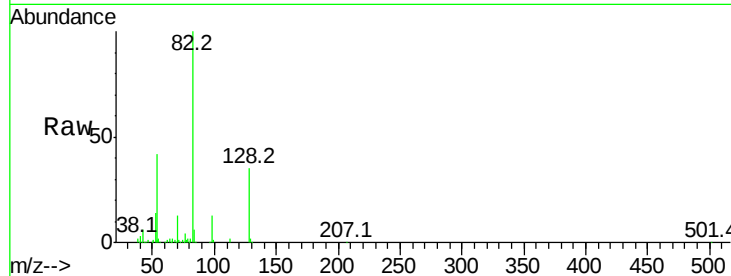




#23
 Nitrobenzene-d5
 Concen: 59.720 ng
 RT: 9.19 min Scan# 1004
 Delta R.T. -0.00 min
 Lab File: BG035845.D
 Acq: 24 Jul 2018 13:20

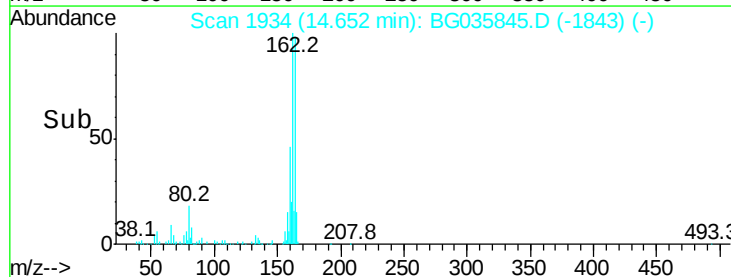
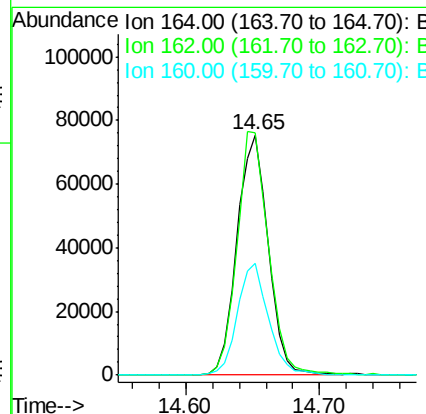
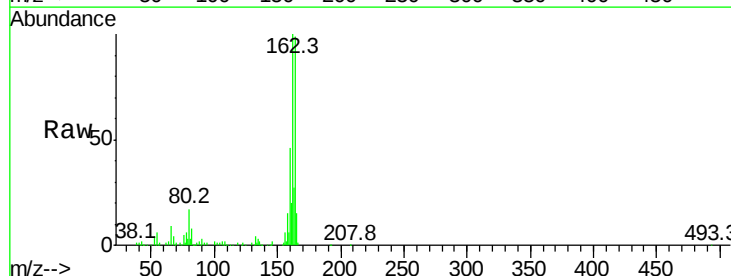
Instrument :
 BNA_G
 ClientSampleId :

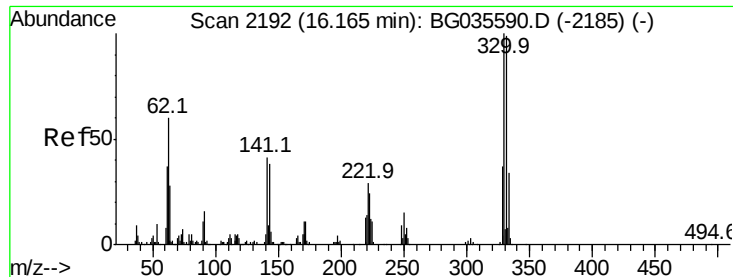
Tot Ion: 82 Resp: 231368
 Ion Ratio Lower Upper
 82 100
 128 35.2 29.7 44.5
 54 41.7 43.1 64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. 0.00 min
 Lab File: BG035845.D
 Acq: 24 Jul 2018 13:20

Tgt Ion:164 Resp: 122696
 Ion Ratio Lower Upper
 164 100
 162 101.0 78.8 118.2
 160 46.5 35.4 53.0

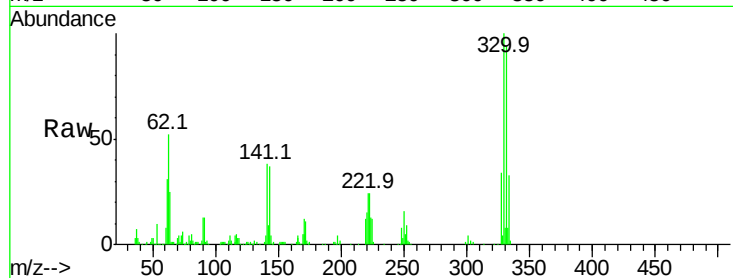




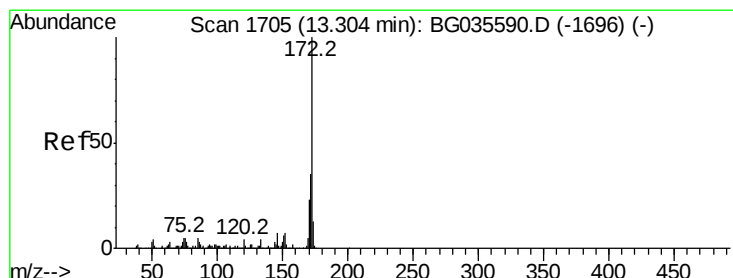
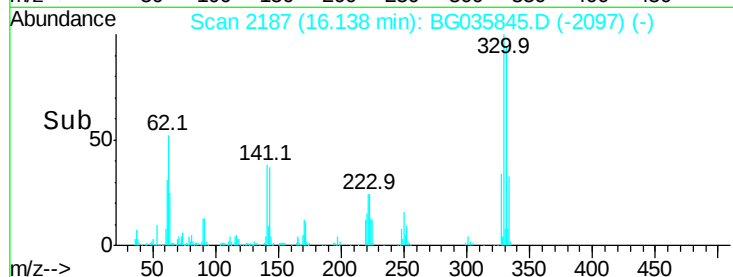
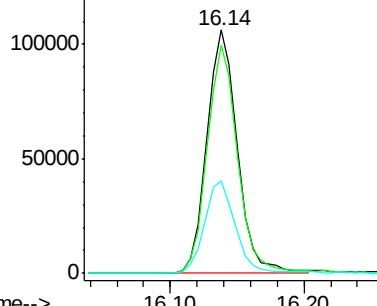
#41
 2,4,6-Tribromophenol
 Concen: 103.575 ng
 RT: 16.14 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: BG035845.D
 Acq: 24 Jul 2018 13:20

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.0	115.6
141	38.9	25.2	37.8#

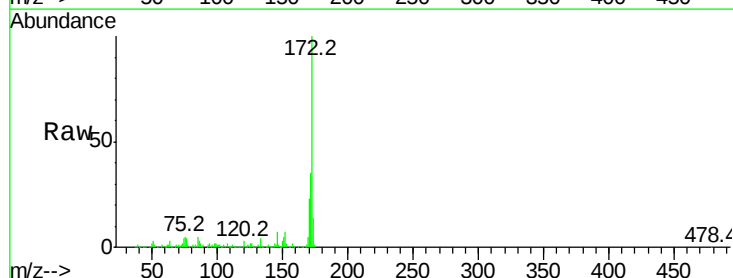


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

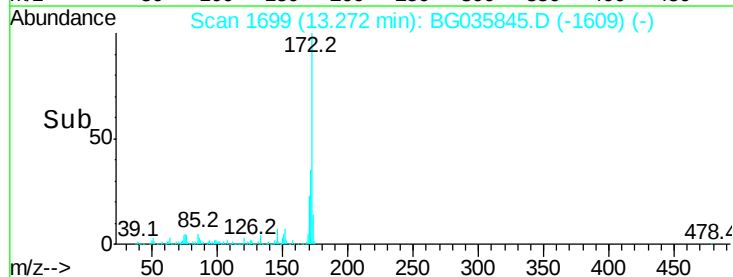
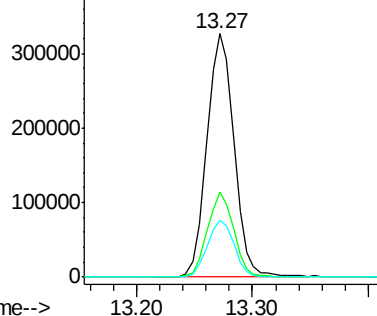


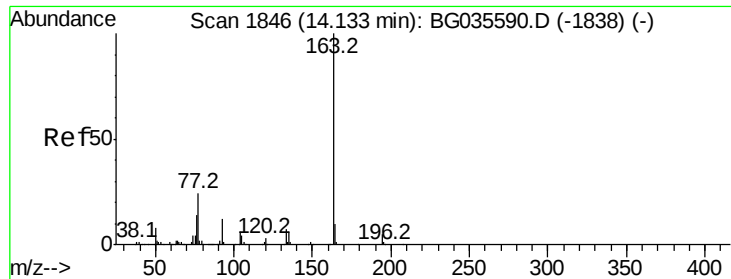
#44
 2-Fluorobiphenyl
 Concen: 58.051 ng
 RT: 13.27 min Scan# 1699
 Delta R.T. -0.00 min
 Lab File: BG035845.D
 Acq: 24 Jul 2018 13:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	30.0	45.0
170	23.2	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





#49

Dimethylphthalate

Concen: 3.266 ng

RT: 14.10 min Scan# 1840

Delta R.T. -0.00 min

Lab File: BG035845.D

Acq: 24 Jul 2018 13:20

Instrument :

BNA_G

ClientSampleId :

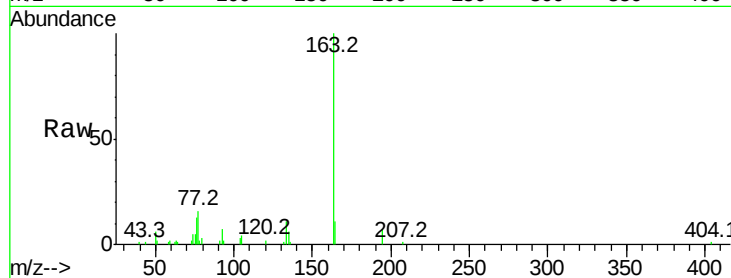
Tot Ion:163 Resp: 35109

Ion Ratio Lower Upper

163 100

194 6.7 3.4 5.2#

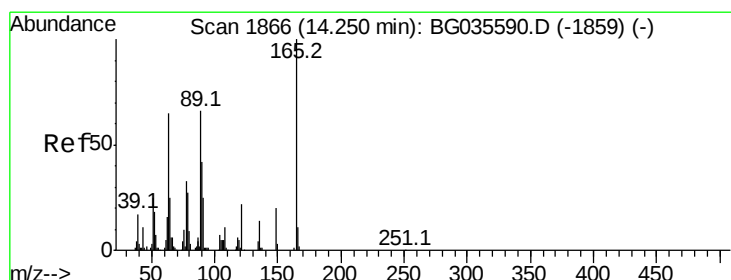
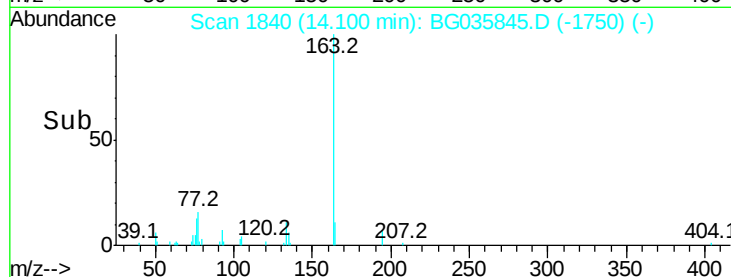
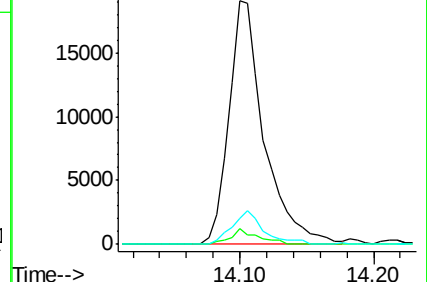
164 10.7 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 7.616 ng

RT: 14.65 min Scan# 1934

Delta R.T. 0.43 min

Lab File: BG035845.D

Acq: 24 Jul 2018 13:20

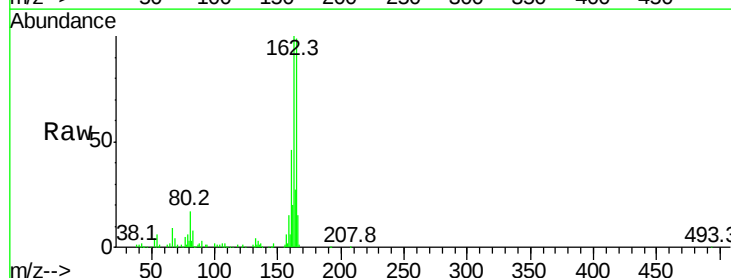
Tgt Ion:165 Resp: 16673

Ion Ratio Lower Upper

165 100

63 0.0 52.7 79.1#

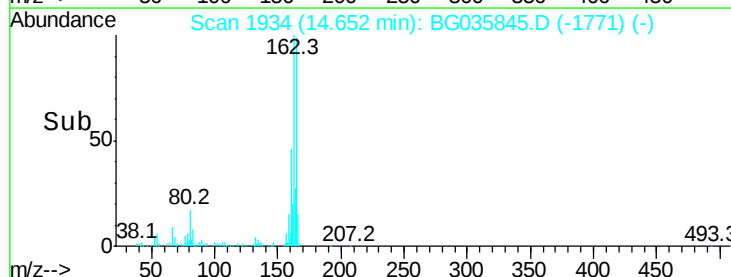
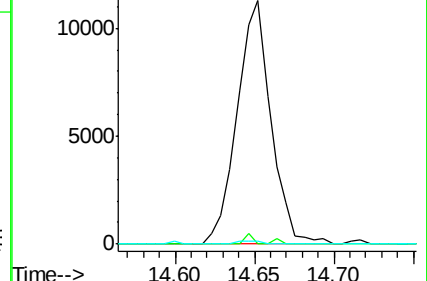
89 1.4 49.2 73.8#

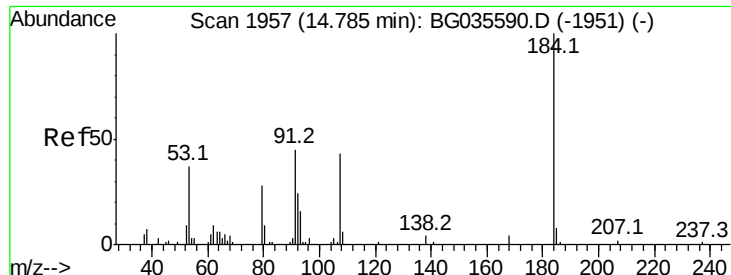


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

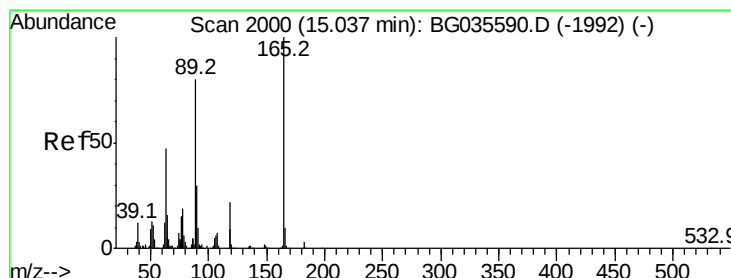
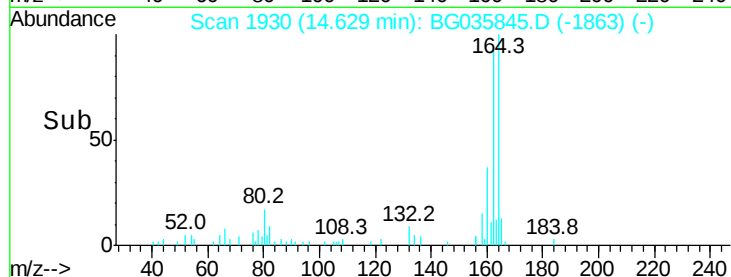
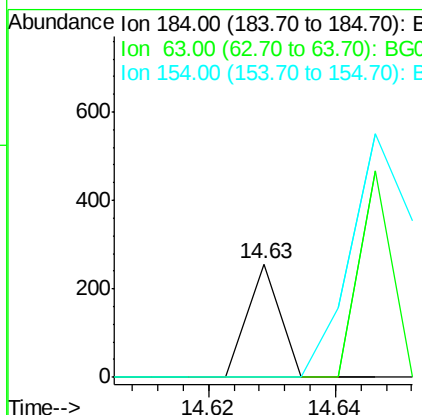
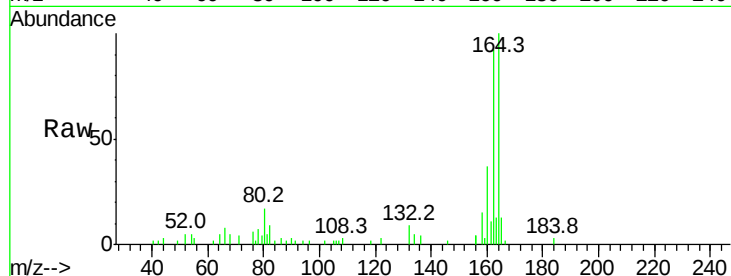




#53
 2,4-Dinitrophenol
 Concen: 6.656 ng
 RT: 14.63 min Scan# 1930
 Delta R.T. -0.14 min
 Lab File: BG035845.D
 Acq: 24 Jul 2018 13:20

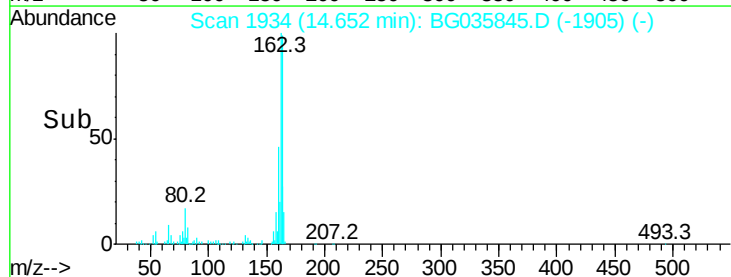
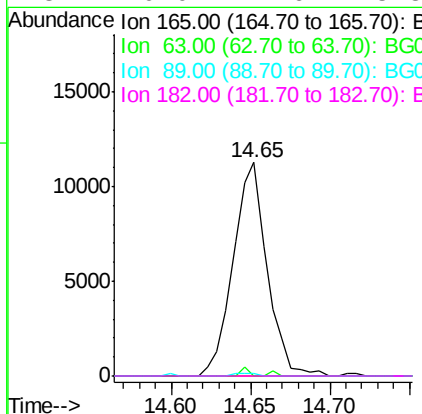
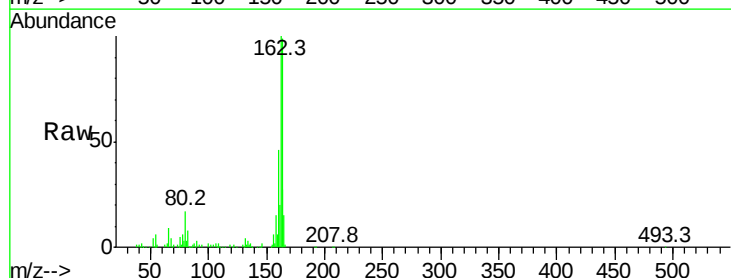
Instrument :
 BNA_G
 ClientSampleId :

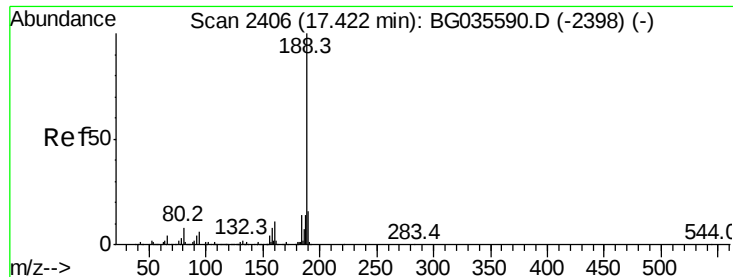
Tot Ion:184 Resp: 90
 Ion Ratio Lower Upper
 184 100
 63 0.0 59.8 89.8#
 154 0.0 101.8 152.8#



#56
 2,4-Dinitrotoluene
 Concen: 5.309 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. -0.36 min
 Lab File: BG035845.D
 Acq: 24 Jul 2018 13:20

Tgt Ion:165 Resp: 16673
 Ion Ratio Lower Upper
 165 100
 63 0.0 42.0 63.0#
 89 1.4 66.9 100.3#
 182 0.0 2.6 3.8#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2401

Delta R.T. 0.00 min

Lab File: BG035845.D

Acq: 24 Jul 2018 13:20

Instrument :

BNA_G

ClientSampled :

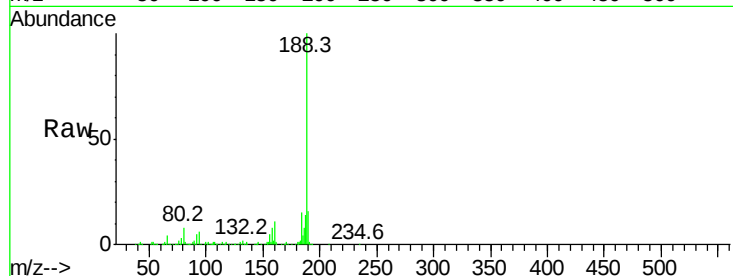
Tot Ion:188 Resp: 345705

Ion Ratio Lower Upper

188 100

94 6.3 6.9 10.3#

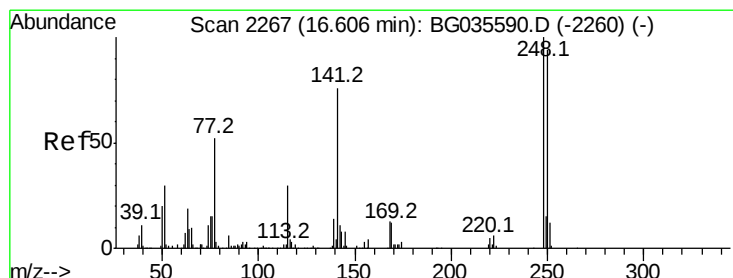
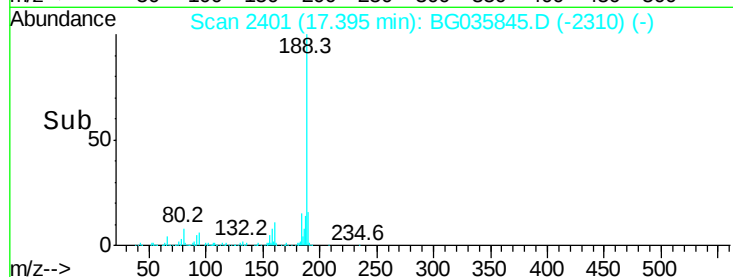
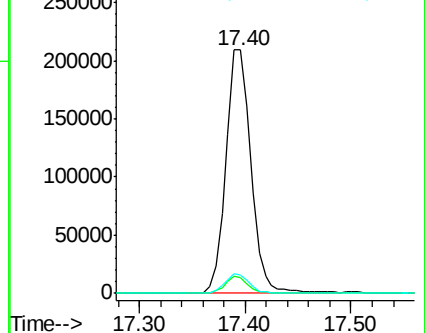
80 7.8 7.7 11.5



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



#66

4-Bromophenyl-phenylether

Concen: 3.434 ng

RT: 16.14 min Scan# 2187

Delta R.T. -0.44 min

Lab File: BG035845.D

Acq: 24 Jul 2018 13:20

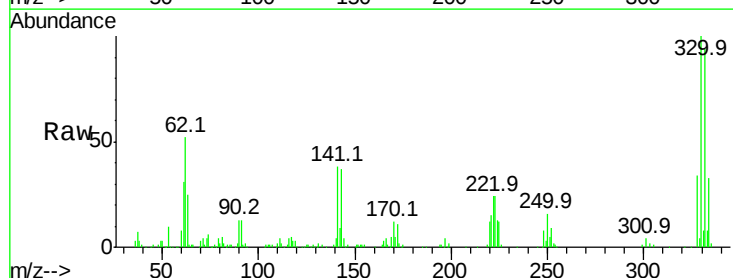
Tgt Ion:248 Resp: 13771

Ion Ratio Lower Upper

248 100

250 186.4 77.1 115.7#

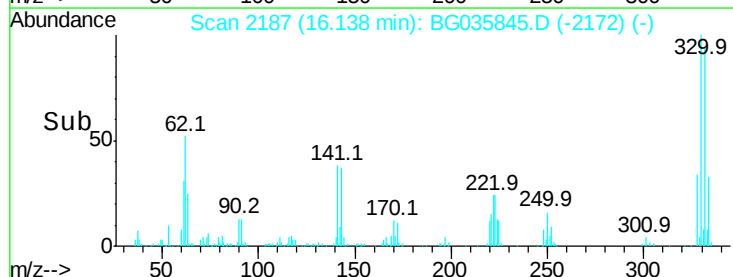
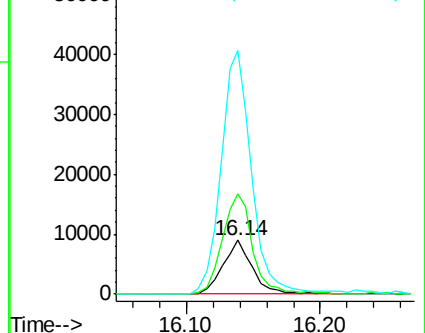
141 454.7 50.8 76.2#

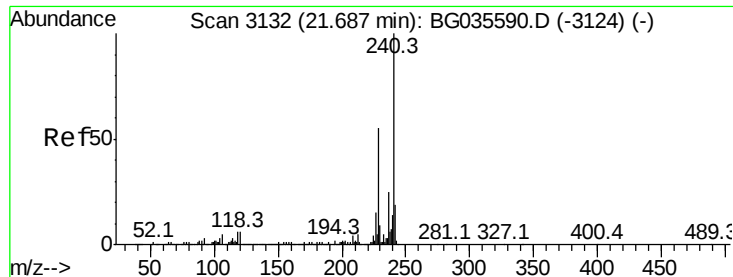


Abundance Ion 248.00 (247.70 to 248.70): E

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: 21.65 min Scan# 3126

Delta R.T. -0.00 min

Lab File: BG035845.D

Acq: 24 Jul 2018 13:20

Instrument :

BNA_G

ClientSampleId :

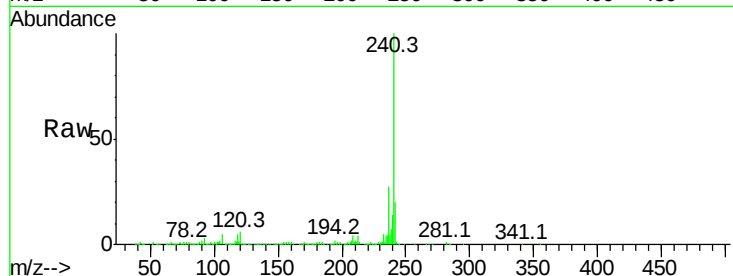
Tot Ion:240 Resp: 372651

Ion Ratio Lower Upper

240 100

120 6.3 6.8 10.2#

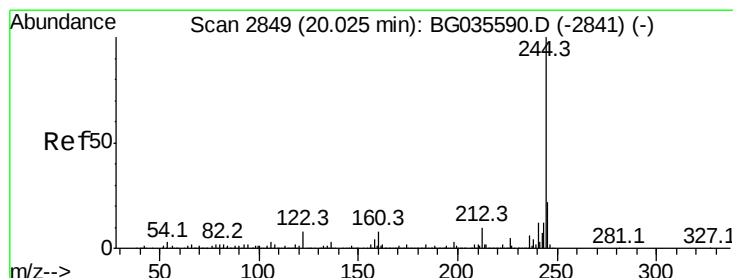
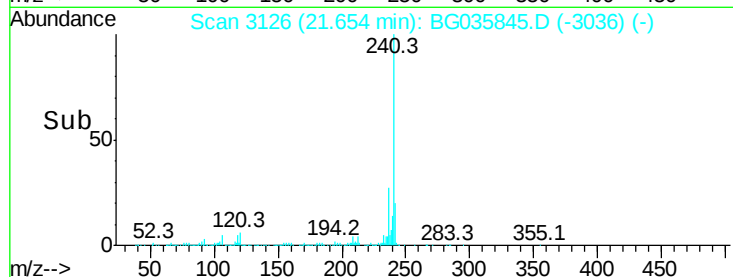
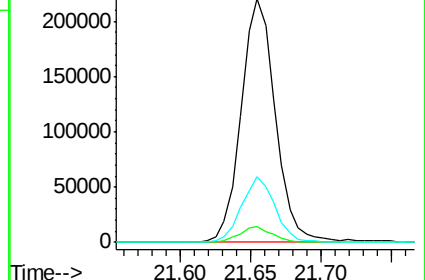
236 27.1 20.9 31.3



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



#78

Terphenyl-d14

Concen: 61.006 ng

RT: 20.00 min Scan# 2844

Delta R.T. -0.00 min

Lab File: BG035845.D

Acq: 24 Jul 2018 13:20

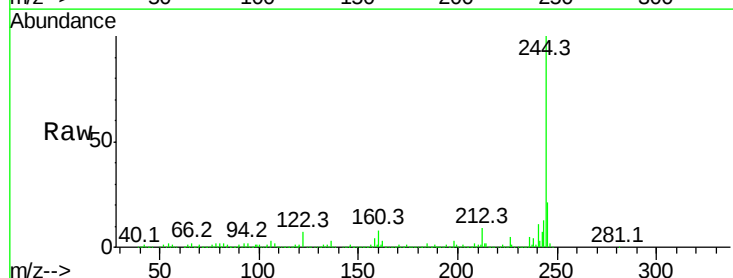
Tgt Ion:244 Resp: 1031348

Ion Ratio Lower Upper

244 100

212 9.3 5.8 8.8#

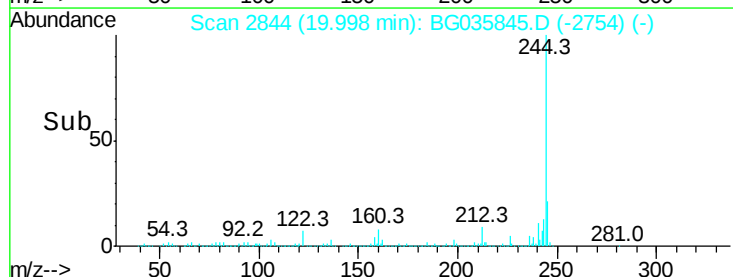
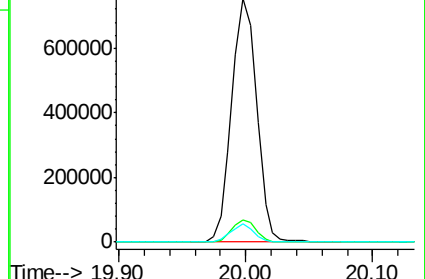
122 7.4 7.0 10.4

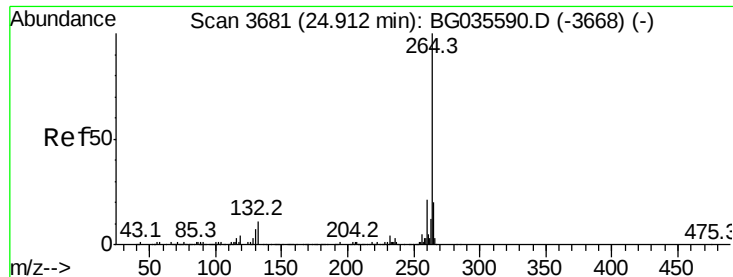


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

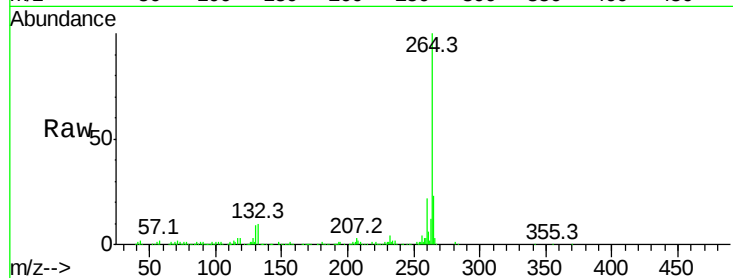




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.85 min Scan# 3670
 Delta R.T. -0.01 min
 Lab File: BG035845.D
 Acq: 24 Jul 2018 13:20

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.5	17.4	26.0
265	22.9	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

