

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042418\
 Data File : BG033956.D
 Acq On : 24 Apr 2018 16:15
 Operator : SJ/JU
 Sample : J2471-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 25 00:01:04 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 19 13:56:22 2018
 Response via : Initial Calibration

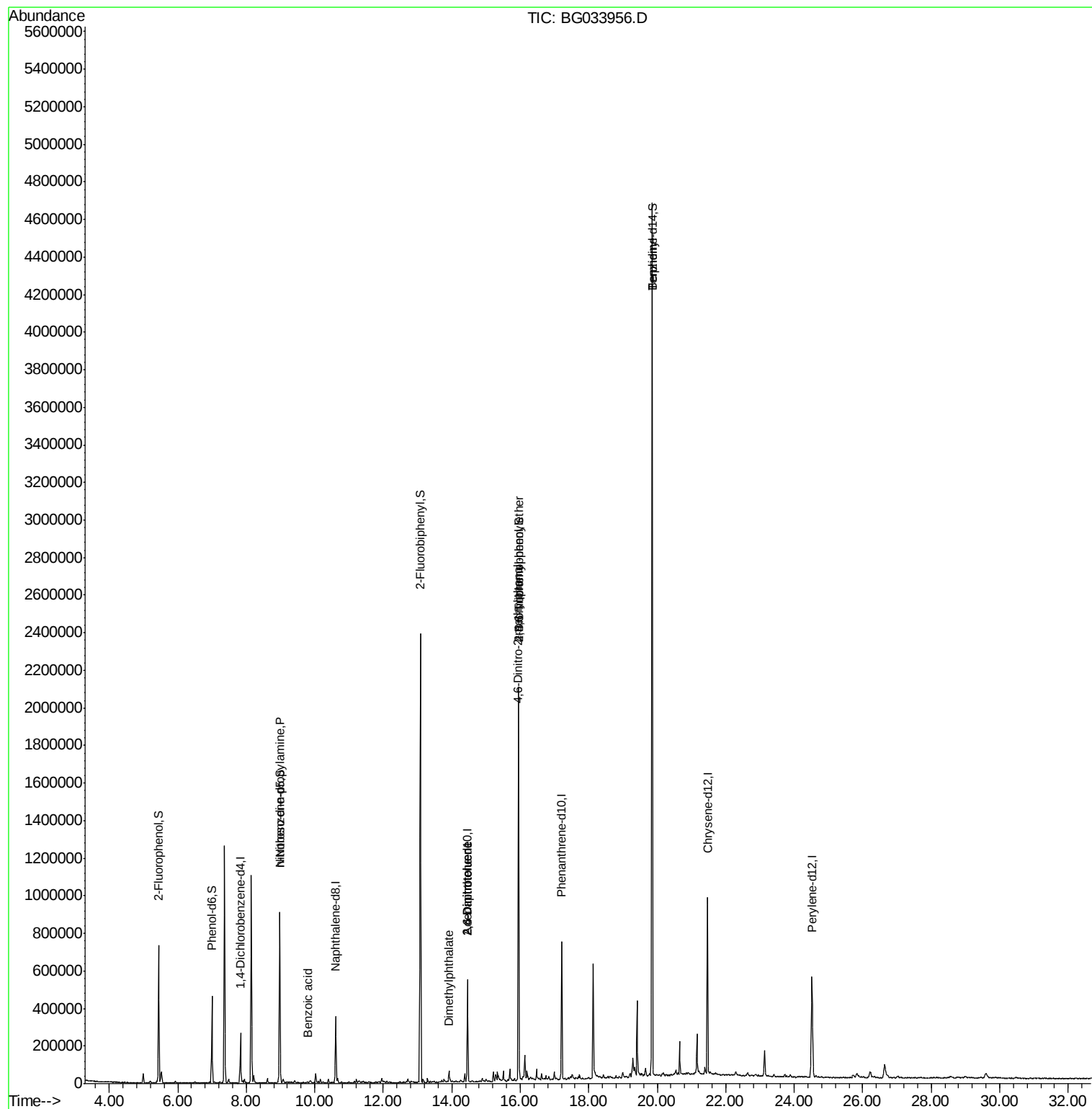
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	71777	20.00	ng	-0.01
21) Naphthalene-d8	10.61	136	301234	20.00	ng	-0.02
38) Acenaphthene-d10	14.46	164	187826	20.00	ng	-0.02
63) Phenanthrene-d10	17.21	188	463595	20.00	ng	-0.02
75) Chrysene-d12	21.47	240	538481	20.00	ng	-0.02
86) Perylene-d12	24.52	264	556549	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	313669	69.77	ng	0.00
7) Phenol-d6	7.00	99	253446	38.65	ng	0.00
23) Nitrobenzene-d5	8.98	82	552302	104.34	ng	-0.01
41) 2,4,6-Tribromophenol	15.95	330	369646	168.69	ng	-0.02
44) 2-Fluorobiphenyl	13.08	172	1240982	97.06	ng	-0.02
78) Terphenyl-d14	19.85	244	2164041	90.29	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.98	77	494	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propylamine	8.98	70	76952	13.767	ng	# 76
32) Benzoic acid	9.79	122	2244	5.556	ng	# 9
49) Dimethylphthalate	13.92	163	37531	2.272	ng	# 98
50) 2,6-Dinitrotoluene	14.46	165	25932	8.282	ng	# 20
56) 2,4-Dinitrotoluene	14.46	165	25932	6.228	ng	# 18
64) 4,6-Dinitro-2-methylphenol	15.94	198	1633	7.122	ng	# 87
66) 4-Bromophenyl-phenylether	15.96	248	19995	3.927	ng	# 1
76) Benzidine	19.85	184	36731	2.526	ng	# 93

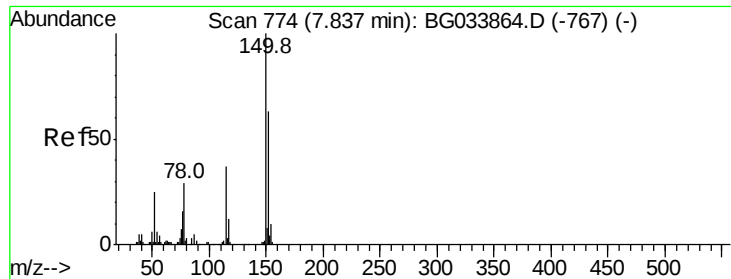
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042418\
Data File : BG033956.D
Acq On : 24 Apr 2018 16:15
Operator : SJ/JU
Sample : J2471-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Apr 25 00:01:04 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 19 13:56:22 2018
Response via : Initial Calibration

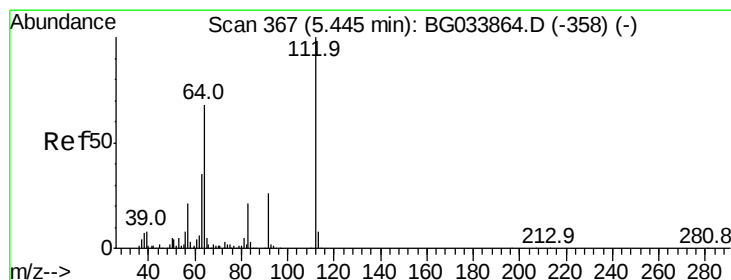
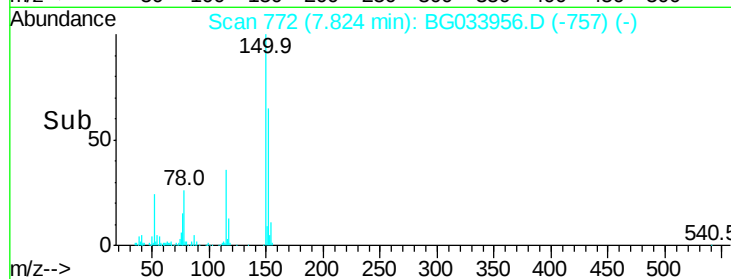
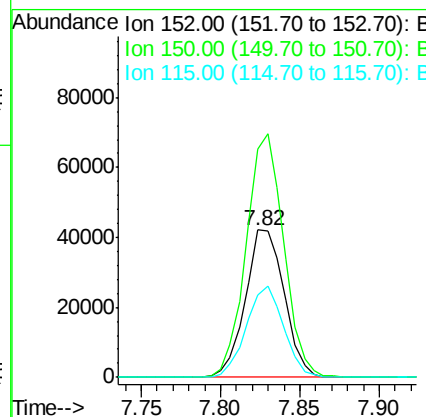
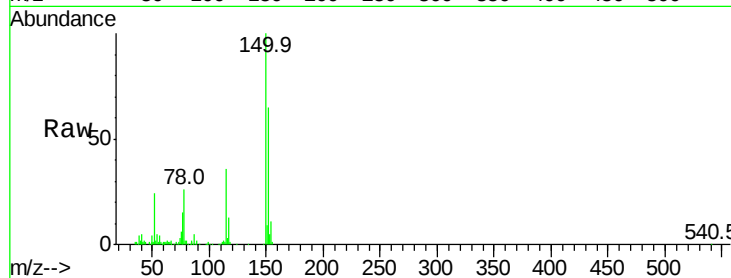




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.82 min Scan# 772
Delta R.T. -0.01 min
Lab File: BG033956.D
Acq: 24 Apr 2018 16:15

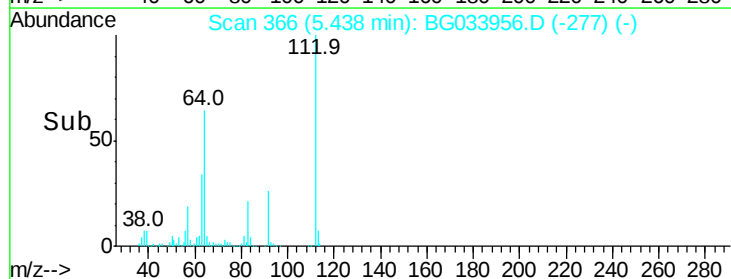
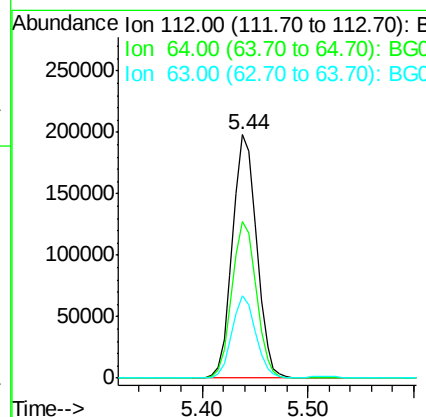
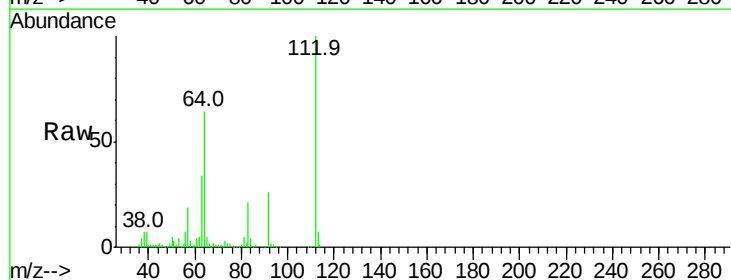
Instrument :
BNA_G
ClientSampleId :

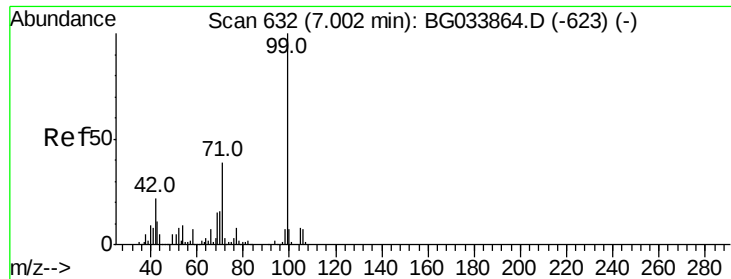
Tot Ion:152 Resp: 71777
Ion Ratio Lower Upper
152 100
150 154.9 126.6 189.8
115 56.1 53.0 79.4



#5
2-Fluorophenol
Concen: 69.769 ng
RT: 5.44 min Scan# 366
Delta R.T. -0.01 min
Lab File: BG033956.D
Acq: 24 Apr 2018 16:15

Tgt Ion:112 Resp: 313669
Ion Ratio Lower Upper
112 100
64 64.3 56.3 84.5
63 34.0 30.1 45.1





#7

Phenol-d6

Concen: 38.650 ng

RT: 7.00 min Scan# 631

Delta R.T. -0.01 min

Lab File: BG033956.D

Acq: 24 Apr 2018 16:15

Instrument :

BNA_G

ClientSampleId :

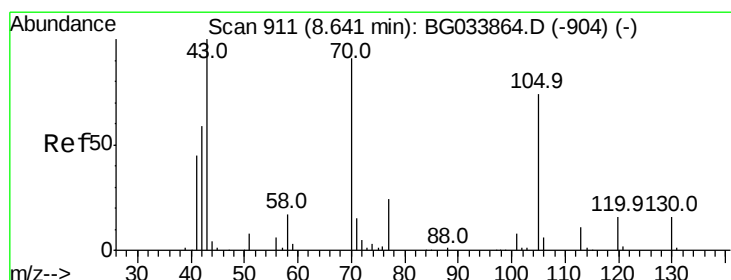
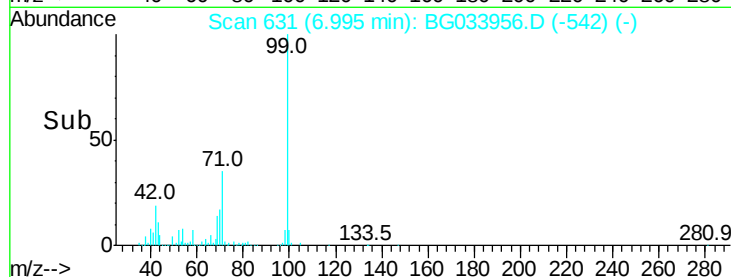
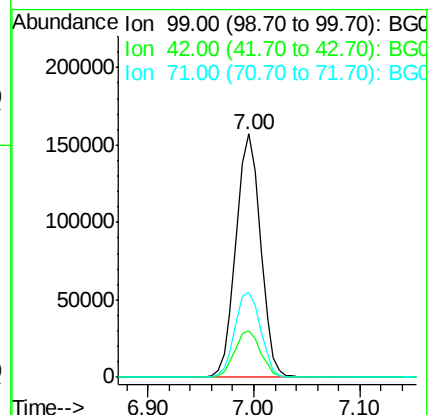
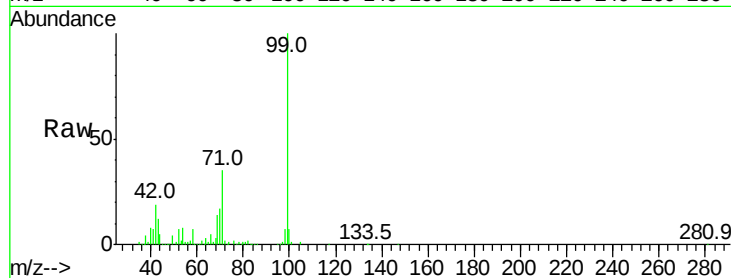
Tot Ion: 99 Resp: 253446

Ion Ratio Lower Upper

99 100

42 19.1 14.1 21.1

71 35.0 26.1 39.1



#19

n-Nitroso-di-n-propylamine

Concen: 13.767 ng

RT: 8.98 min Scan# 969

Delta R.T. 0.34 min

Lab File: BG033956.D

Acq: 24 Apr 2018 16:15

Tgt Ion: 70 Resp: 76952

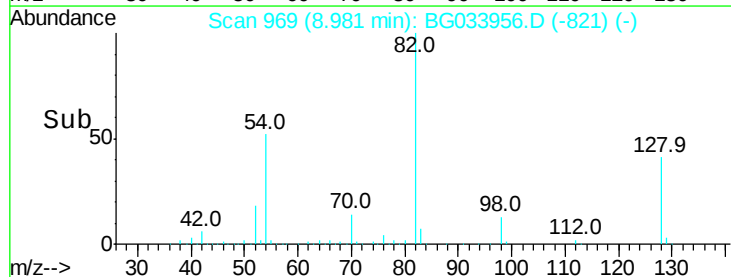
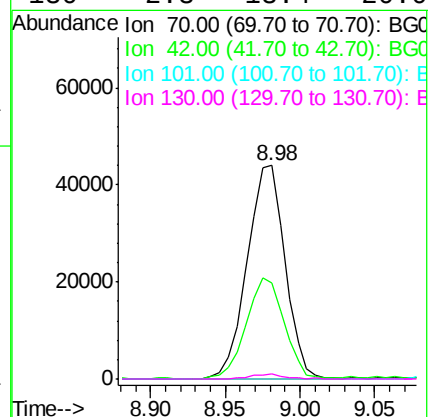
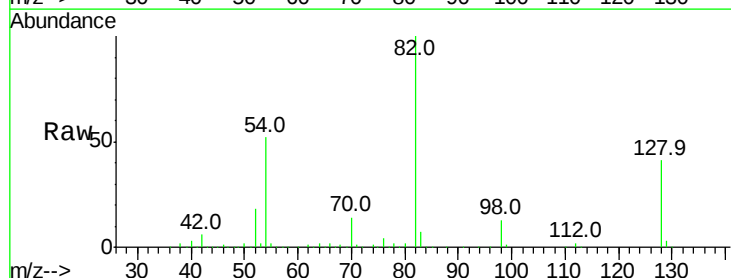
Ion Ratio Lower Upper

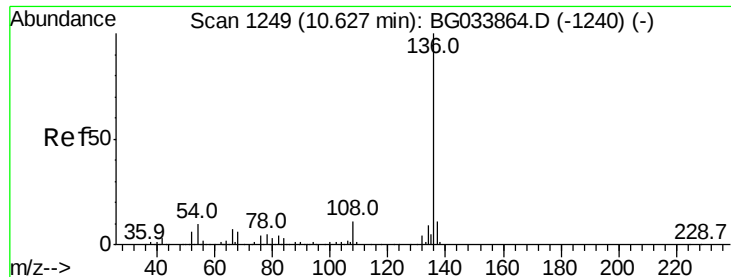
70 100

42 45.2 49.1 73.7#

101 0.0 8.5 12.7#

130 2.3 13.4 20.0#

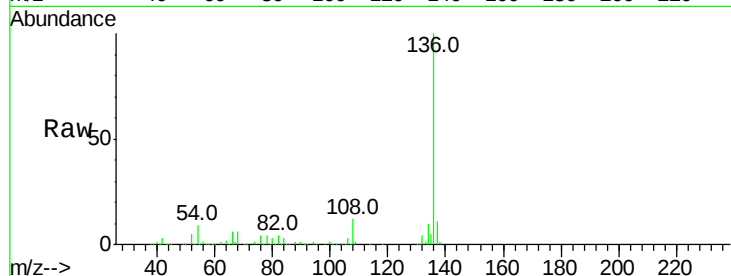




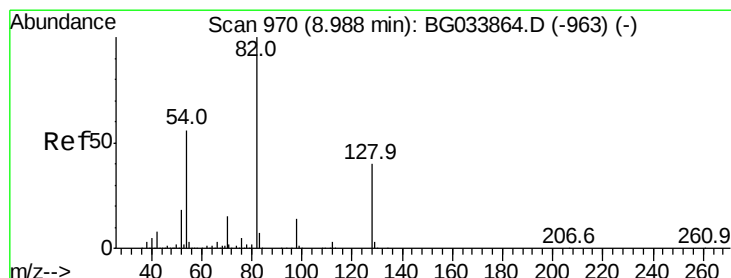
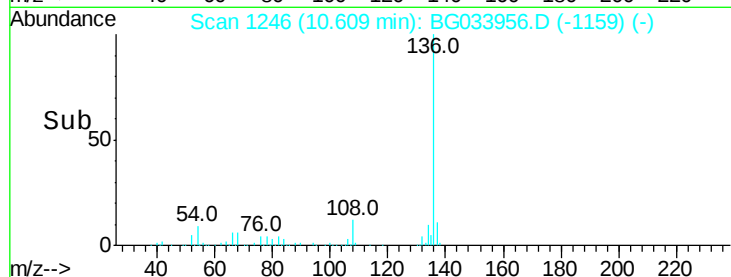
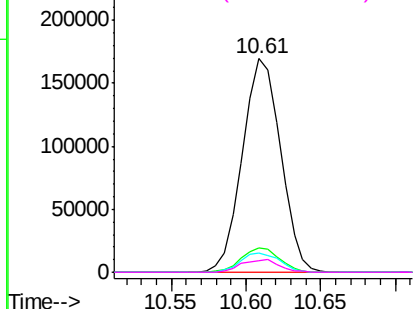
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.61 min Scan# 1246
Delta R.T. -0.02 min
Lab File: BG033956.D
Acq: 24 Apr 2018 16:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	301234
Ion Ratio	Lower	Upper
136	100	
137	11.5	9.2 13.8
54	8.8	10.3 15.5#
68	5.7	4.5 6.7

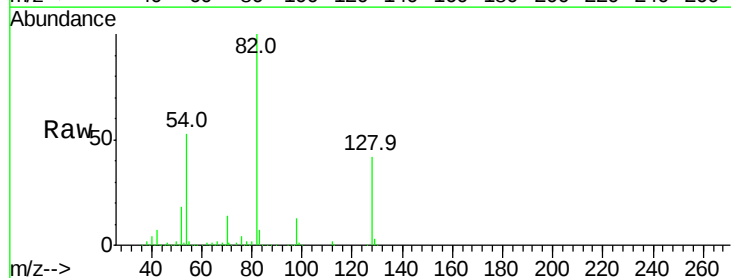


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

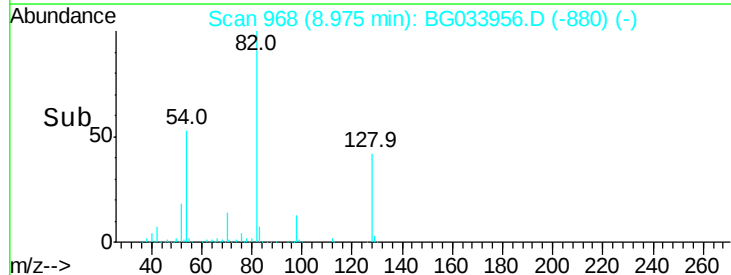
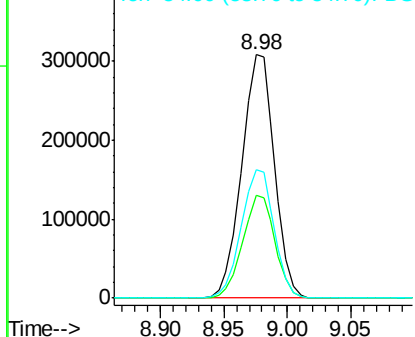


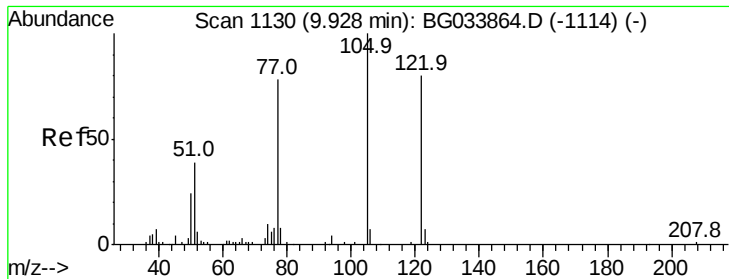
#23
Nitrobenzene-d5
Concen: 104.342 ng
RT: 8.98 min Scan# 968
Delta R.T. -0.01 min
Lab File: BG033956.D
Acq: 24 Apr 2018 16:15

Tgt Ion: 82	Resp:	552302
Ion Ratio	Lower	Upper
82	100	
128	42.5	29.7 44.5
54	52.8	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

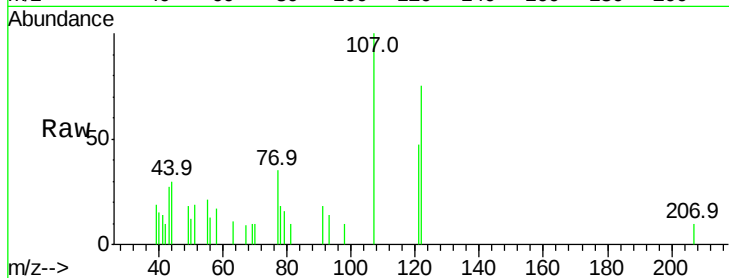




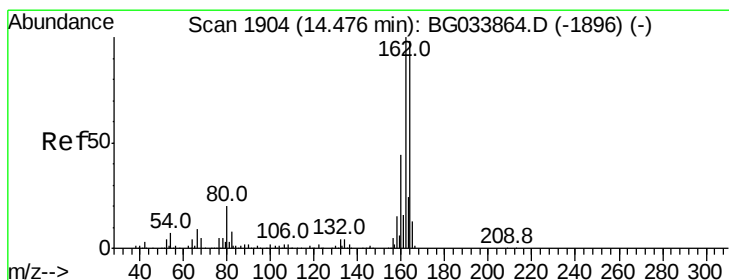
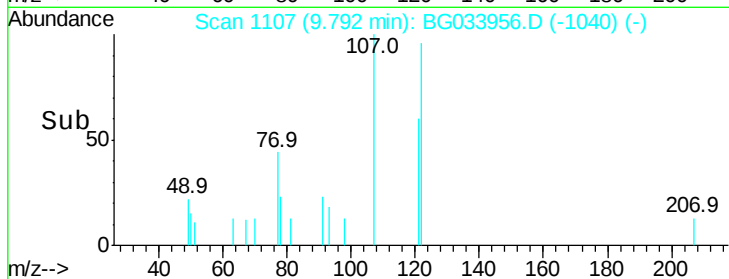
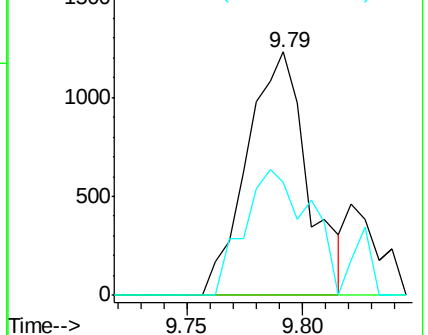
#32
Benzoic acid
Concen: 5.556 ng
RT: 9.79 min Scan# 1107
Delta R.T. -0.14 min
Lab File: BG033956.D
Acq: 24 Apr 2018 16:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion:122 Resp: 2244
Ion Ratio Lower Upper
122 100
105 0.0 123.5 163.5#
77 46.5 85.7 125.7#

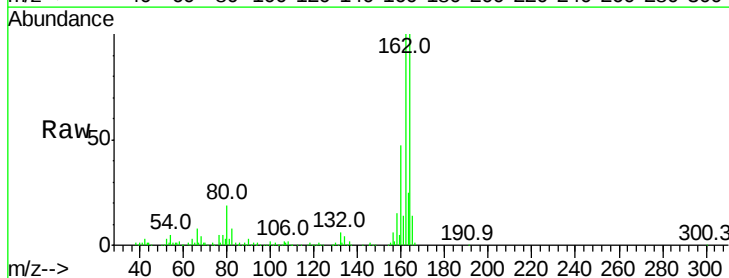


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGC

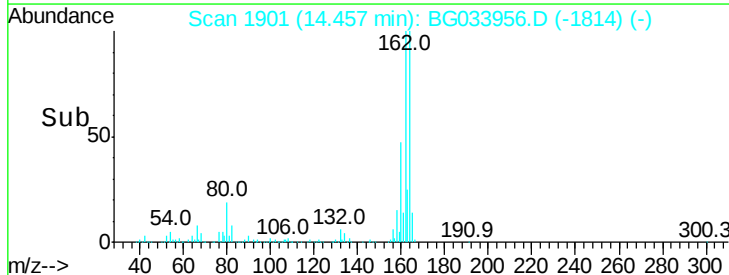
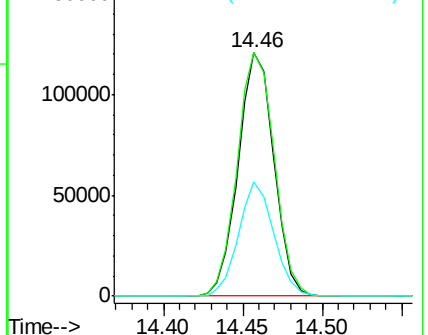


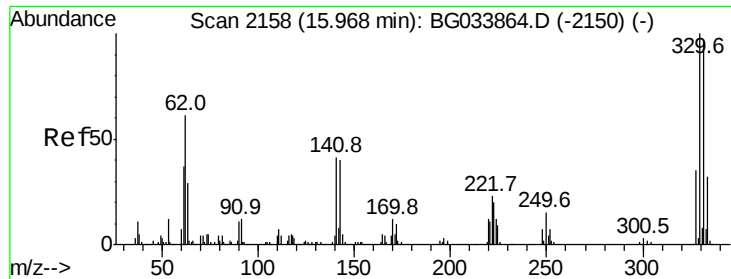
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.46 min Scan# 1901
Delta R.T. -0.02 min
Lab File: BG033956.D
Acq: 24 Apr 2018 16:15

Tgt Ion:164 Resp: 187826
Ion Ratio Lower Upper
164 100
162 99.9 78.8 118.2
160 46.8 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

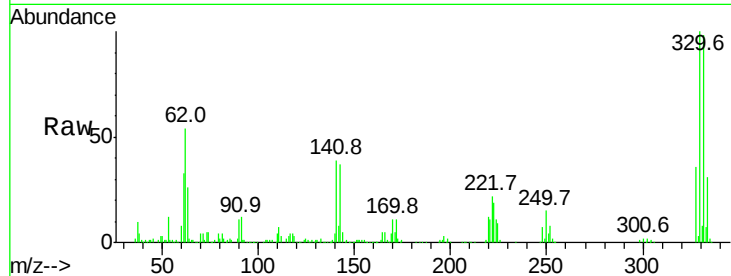




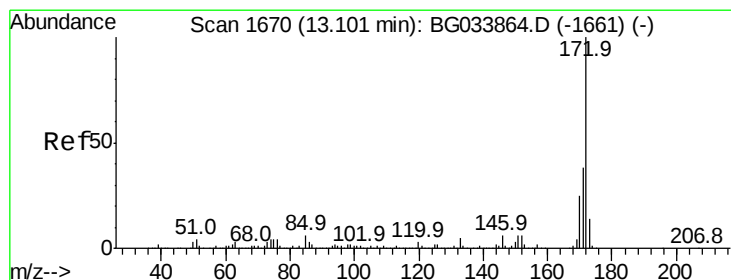
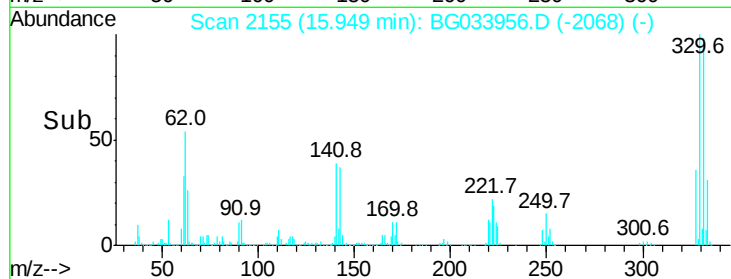
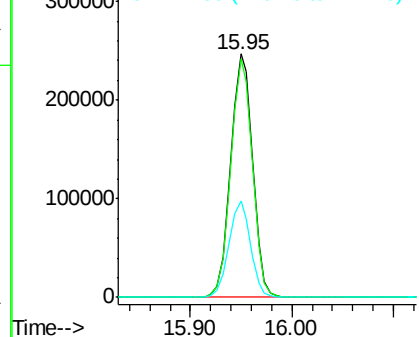
#41
 2,4,6-Tribromophenol
 Concen: 168.689 ng
 RT: 15.95 min Scan# 2155
 Delta R.T. -0.02 min
 Lab File: BG033956.D
 Acq: 24 Apr 2018 16:15

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	38.7	25.2	37.8#

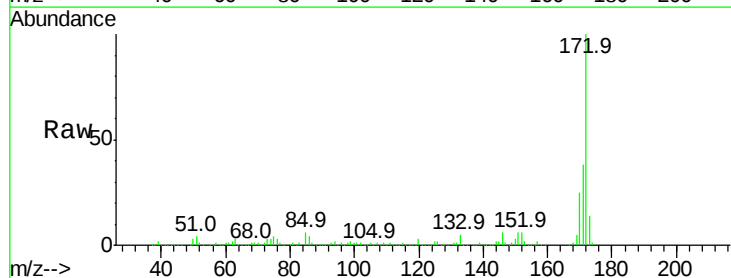


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

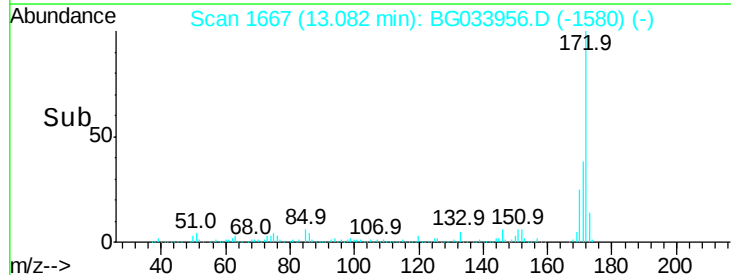
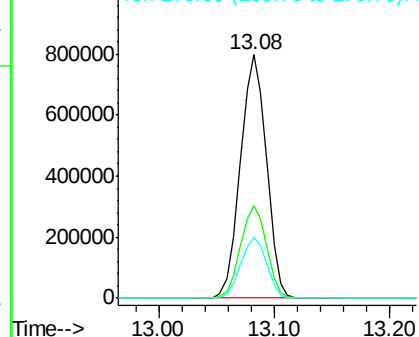


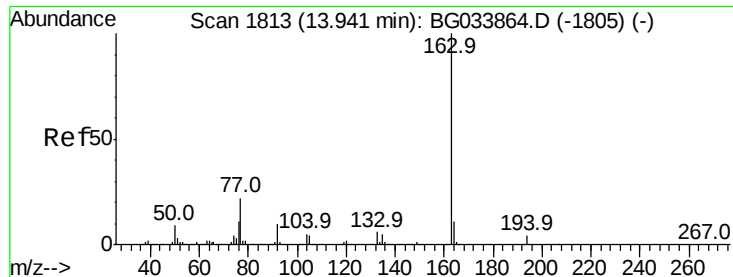
#44
 2-Fluorobiphenyl
 Concen: 97.060 ng
 RT: 13.08 min Scan# 1667
 Delta R.T. -0.02 min
 Lab File: BG033956.D
 Acq: 24 Apr 2018 16:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	30.0	45.0
170	25.1	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: 2.272 ng

RT: 13.92 min Scan# 1809

Delta R.T. -0.02 min

Lab File: BG033956.D

Acq: 24 Apr 2018 16:15

Instrument :

BNA_G

ClientSampleId :

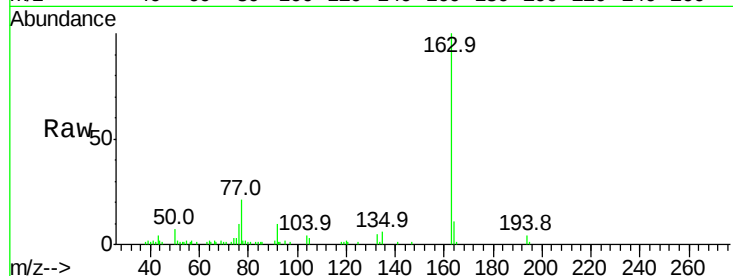
Tot Ion:163 Resp: 37531

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.2

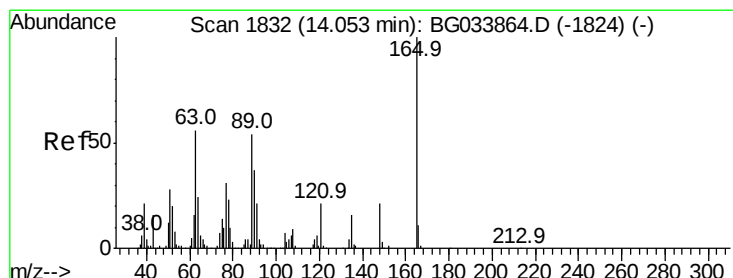
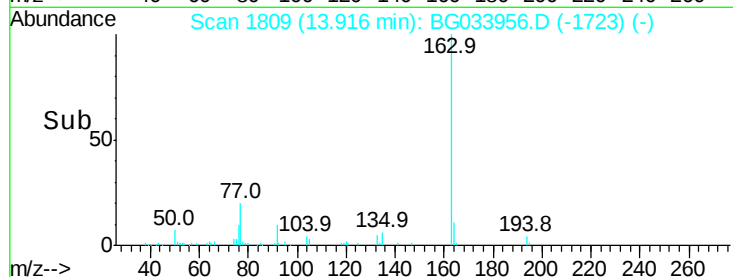
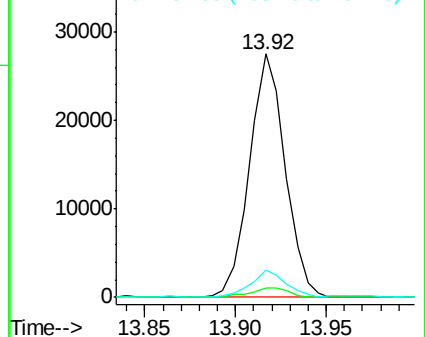
164 11.3 8.2 12.4



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: 8.282 ng

RT: 14.46 min Scan# 1901

Delta R.T. 0.40 min

Lab File: BG033956.D

Acq: 24 Apr 2018 16:15

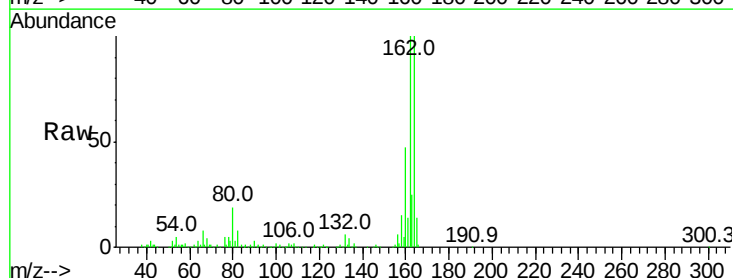
Tgt Ion:165 Resp: 25932

Ion Ratio Lower Upper

165 100

63 1.3 52.7 79.1#

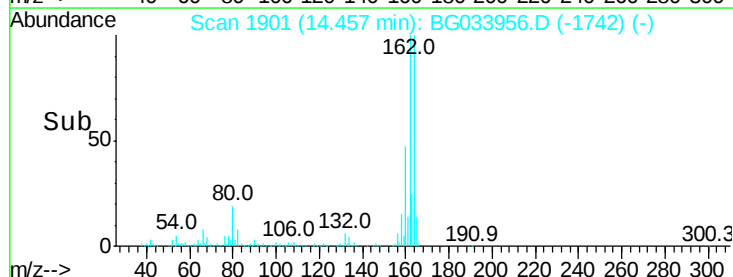
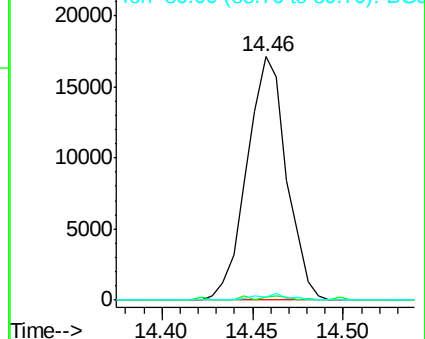
89 1.0 49.2 73.8#

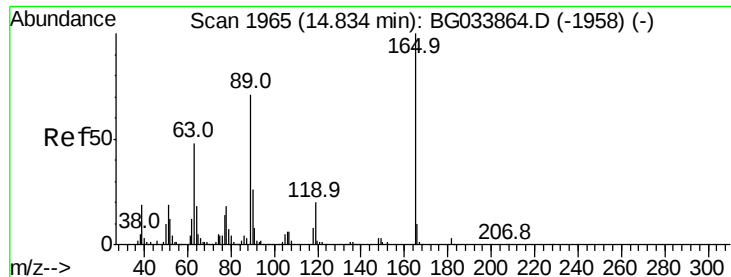


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

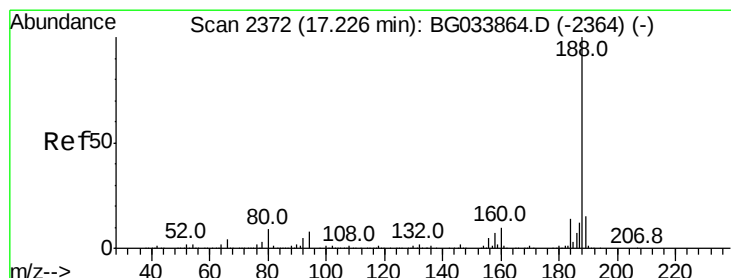
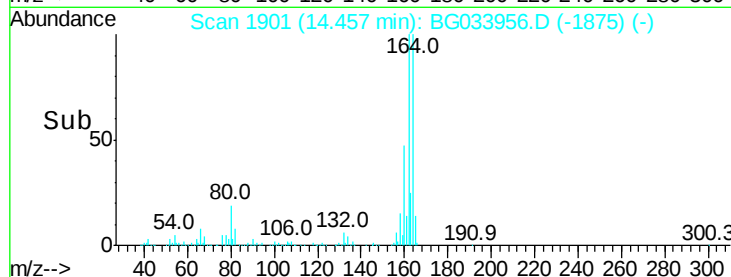
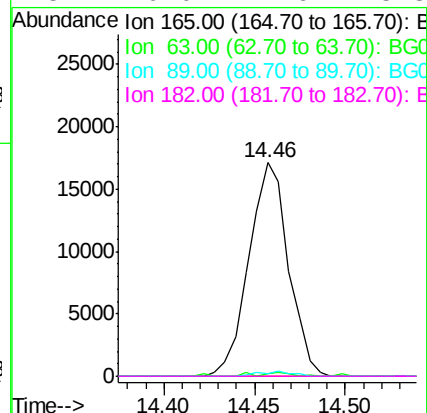
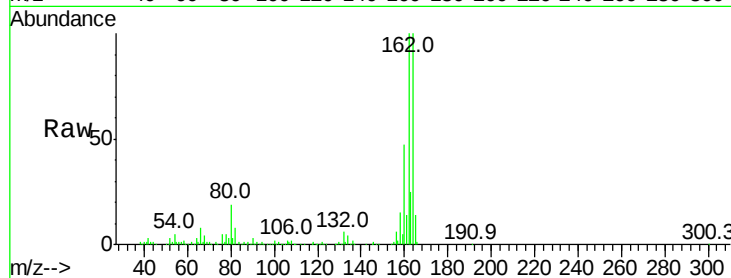




#56
2,4-Dinitrotoluene
Concen: 6.228 ng
RT: 14.46 min Scan# 1901
Delta R.T. -0.38 min
Lab File: BG033956.D
Acq: 24 Apr 2018 16:15

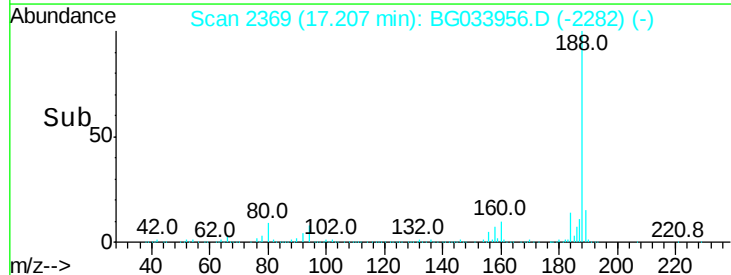
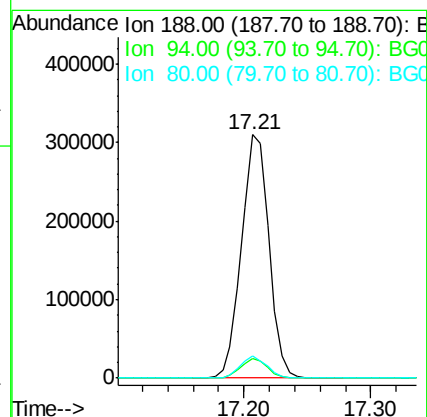
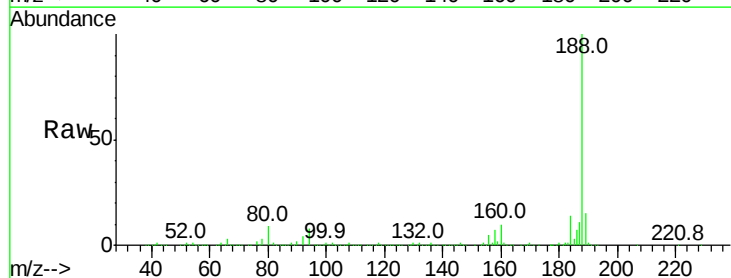
Instrument :
BNA_G
ClientSampled :

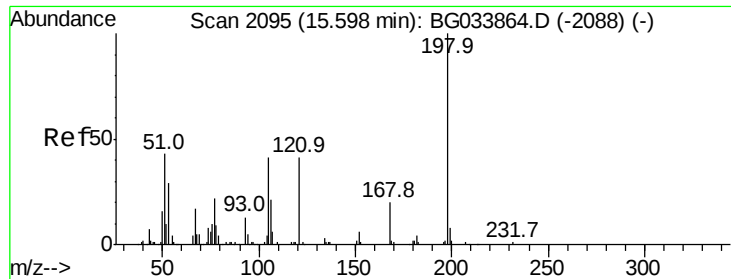
Tot Ion:165 Resp: 25932
Ion Ratio Lower Upper
165 100
63 1.3 42.0 63.0#
89 1.0 66.9 100.3#
182 0.0 2.6 3.8#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.21 min Scan# 2369
Delta R.T. -0.02 min
Lab File: BG033956.D
Acq: 24 Apr 2018 16:15

Tgt Ion:188 Resp: 463595
Ion Ratio Lower Upper
188 100
94 7.9 6.9 10.3
80 9.2 7.7 11.5





#64

4,6-Dinitro-2-methylphenol

Concen: 7.122 ng

RT: 15.94 min Scan# 2153

Delta R.T. 0.34 min

Lab File: BG033956.D

Acq: 24 Apr 2018 16:15

Instrument :

BNA_G

ClientSampleId :

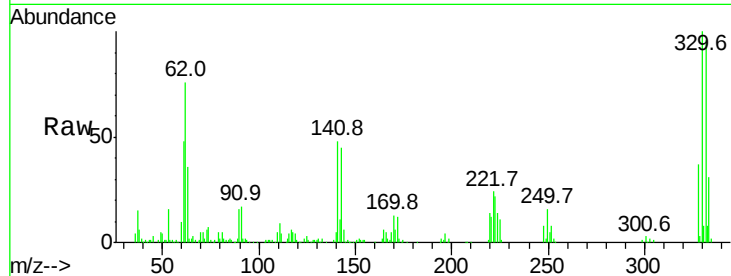
Tot Ion:198 Resp: 1633

Ion Ratio Lower Upper

198 100

51 37.9 30.6 70.6

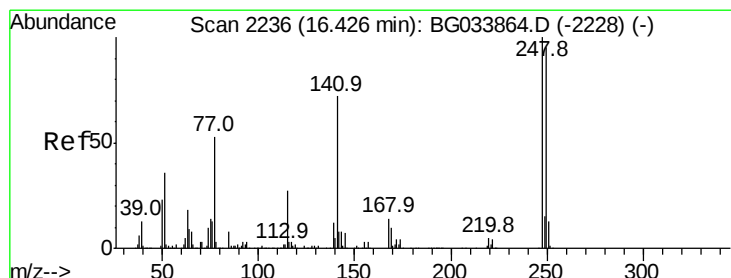
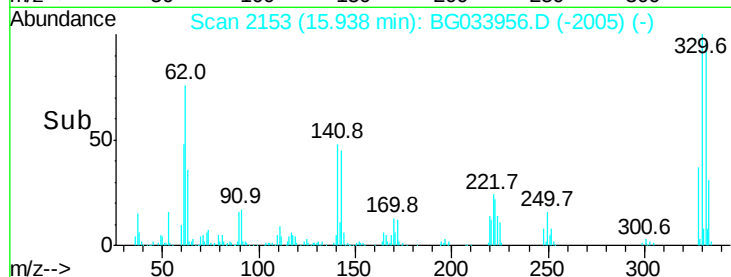
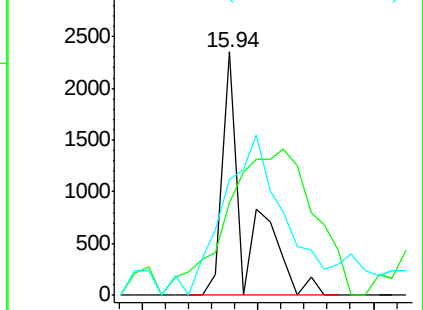
105 47.7 23.8 63.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG033864.D (-2088) (-)

Ion 105.00 (104.70 to 105.70): E



#66

4-Bromophenyl-phenylether

Concen: 3.927 ng

RT: 15.96 min Scan# 2156

Delta R.T. -0.47 min

Lab File: BG033956.D

Acq: 24 Apr 2018 16:15

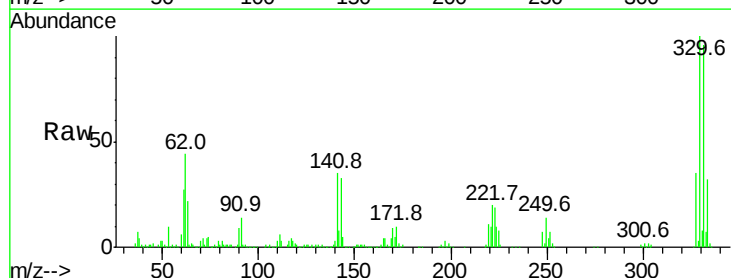
Tgt Ion:248 Resp: 19995

Ion Ratio Lower Upper

248 100

250 44.2 77.1 115.7#

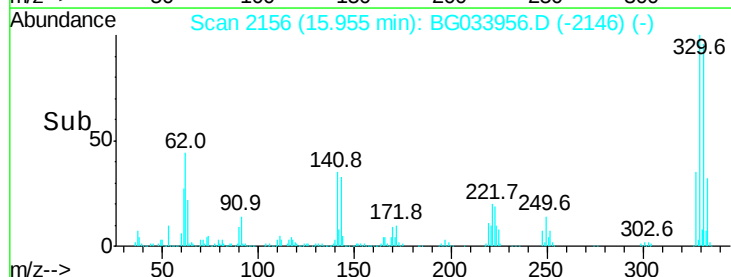
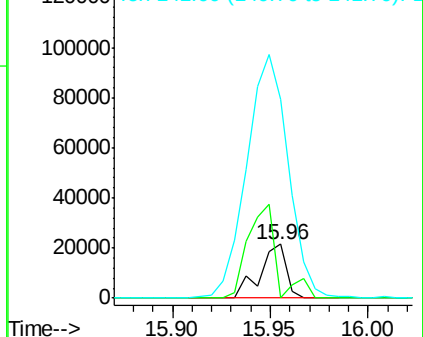
141 370.0 50.8 76.2#

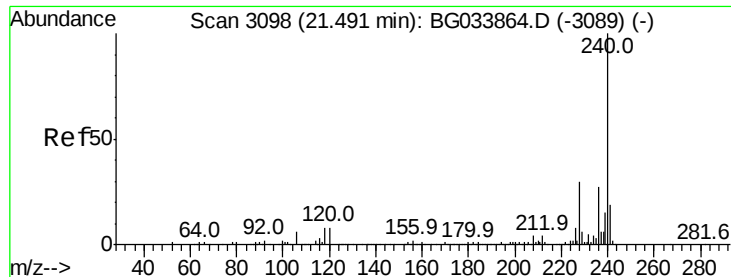


Abundance Ion 248.00 (247.70 to 248.70): E

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: 21.47 min Scan# 3094

Delta R.T. -0.02 min

Lab File: BG033956.D

Acq: 24 Apr 2018 16:15

Instrument :

BNA_G

ClientSampleId :

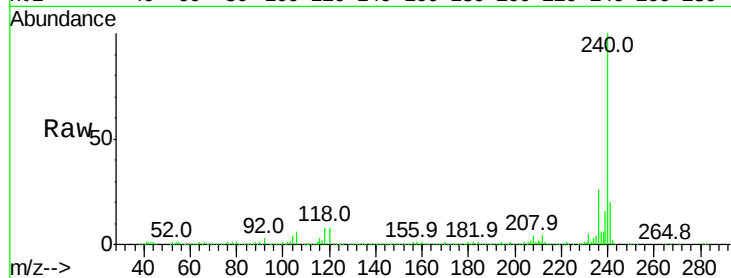
Tot Ion:240 Resp: 538481

Ion Ratio Lower Upper

240 100

120 8.4 6.8 10.2

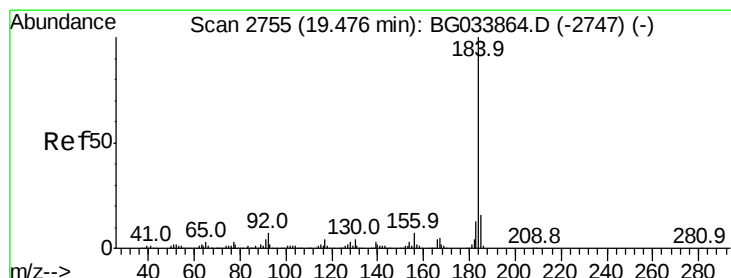
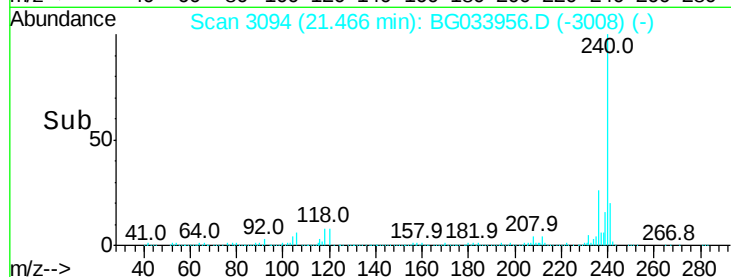
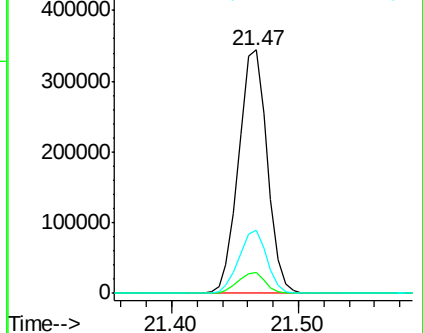
236 25.7 20.9 31.3



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: 2.526 ng

RT: 19.85 min Scan# 2819

Delta R.T. 0.37 min

Lab File: BG033956.D

Acq: 24 Apr 2018 16:15

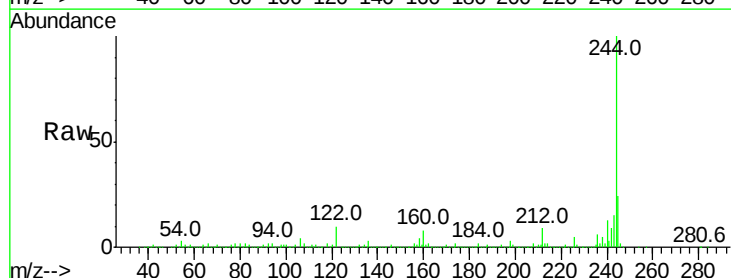
Tgt Ion:184 Resp: 36731

Ion Ratio Lower Upper

184 100

185 16.7 11.1 16.7#

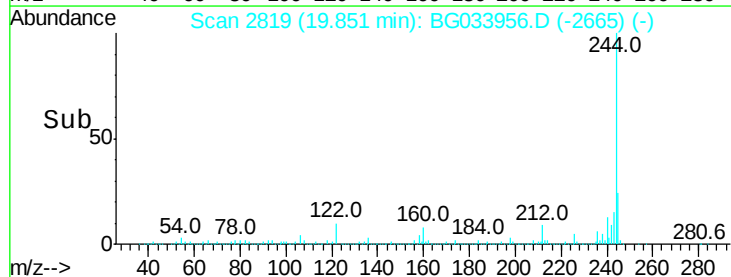
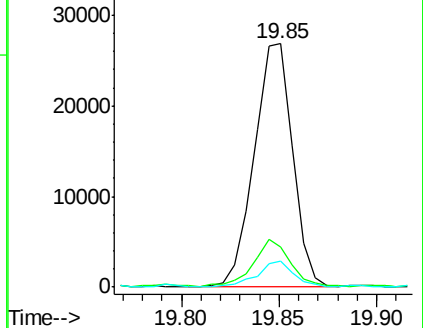
183 10.6 10.6 16.0#

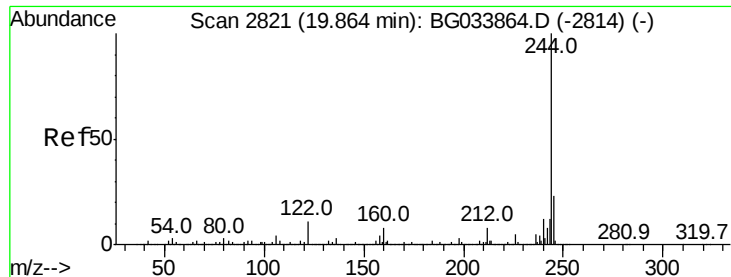


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 90.287 ng

RT: 19.85 min Scan# 2819

Delta R.T. -0.01 min

Lab File: BG033956.D

Acq: 24 Apr 2018 16:15

Instrument :

BNA_G

ClientSampleId :

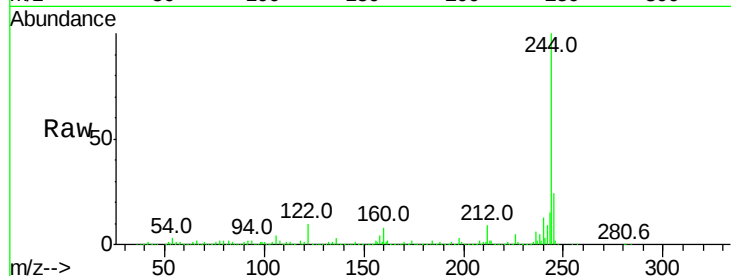
Tot Ion:244 Resp: 2164041

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.8#

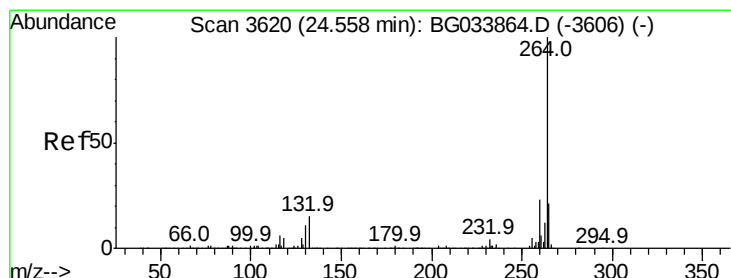
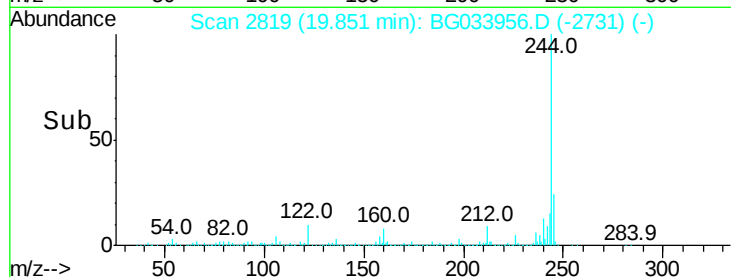
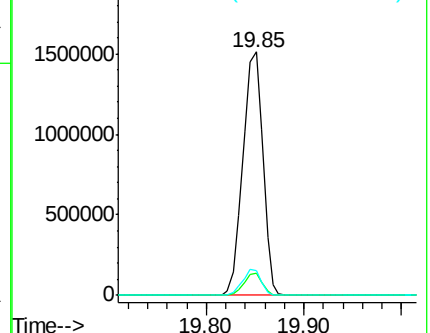
122 10.3 7.0 10.4



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

Perylene-d12

Concen: 20.000 ng

RT: 24.52 min Scan# 3614

Delta R.T. -0.04 min

Lab File: BG033956.D

Acq: 24 Apr 2018 16:15

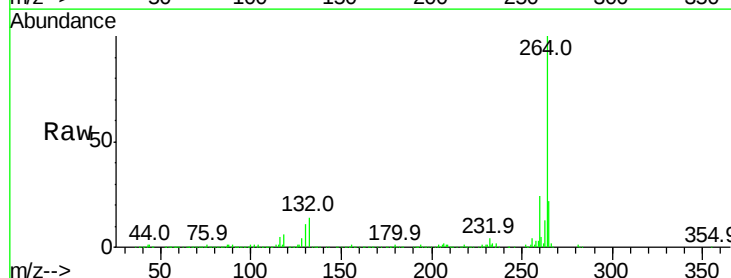
Tgt Ion:264 Resp: 556549

Ion Ratio Lower Upper

264 100

260 23.9 17.4 26.0

265 21.6 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

