

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042018\
 Data File : BG033895.D
 Acq On : 20 Apr 2018 20:45
 Operator : SJ/JU
 Sample : PB108418BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB108418BL

Quant Time: Apr 21 05:17:16 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

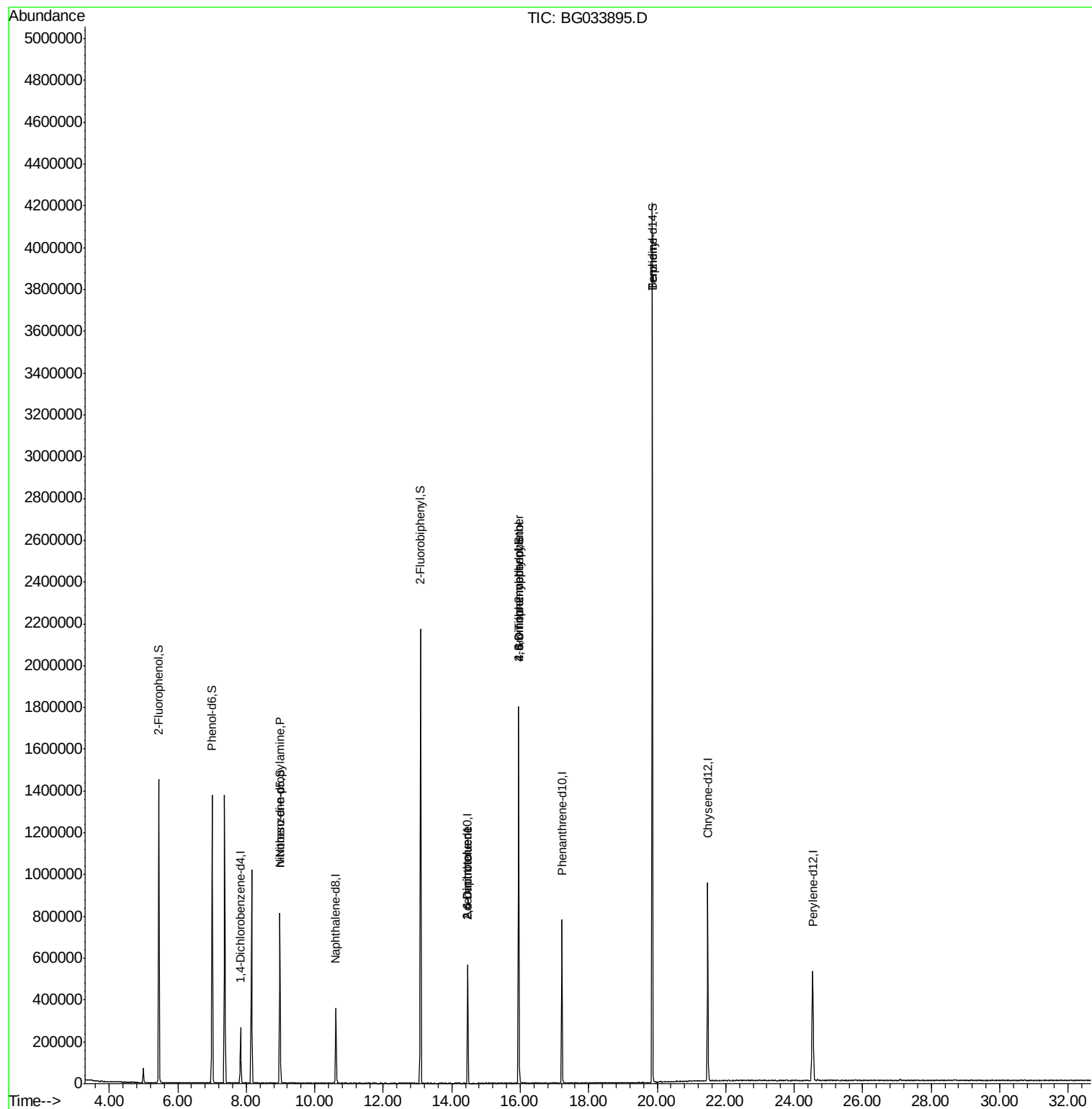
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	73513	20.00	ng	0.00
21) Naphthalene-d8	10.61	136	307919	20.00	ng	-0.01
38) Acenaphthene-d10	14.46	164	193269	20.00	ng	-0.01
63) Phenanthrene-d10	17.21	188	496792	20.00	ng	-0.01
75) Chrysene-d12	21.47	240	536767	20.00	ng	-0.02
86) Perylene-d12	24.54	264	536696	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	596705	129.59	ng	0.00
7) Phenol-d6	7.00	99	779750	116.10	ng	0.00
23) Nitrobenzene-d5	8.98	82	466618	86.24	ng	0.00
41) 2,4,6-Tribromophenol	15.96	330	313473	139.03	ng	-0.01
44) 2-Fluorobiphenyl	13.09	172	1117032	84.90	ng	-0.01
78) Terphenyl-d14	19.86	244	1916490	80.21	ng	0.00
Target Compounds						
9) Benzaldehyde	7.01	77	1382	Below Cal	#	5
19) n-Nitroso-di-n-propylamine	8.98	70	64689	11.300 ng	#	81
50) 2,6-Dinitrotoluene	14.46	165	25416	7.889 ng	#	20
56) 2,4-Dinitrotoluene	14.46	165	25416	5.932 ng	#	18
64) 4,6-Dinitro-2-methylphenol	15.96	198	1673	7.094 ng		79
66) 4-Bromophenyl-phenylether	15.95	248	13347	2.446 ng	#	1
76) Benizidine	19.86	184	30880	2.130 ng		95

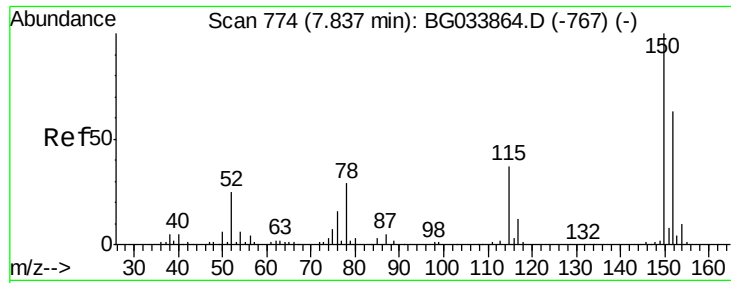
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042018\
Data File : BG033895.D
Acq On : 20 Apr 2018 20:45
Operator : SJ/JU
Sample : PB108418BL
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB108418BL

Quant Time: Apr 21 05:17:16 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



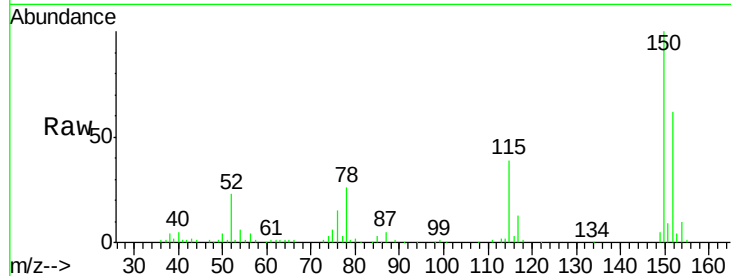


#1

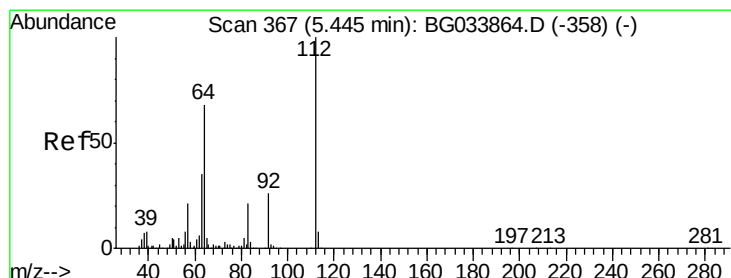
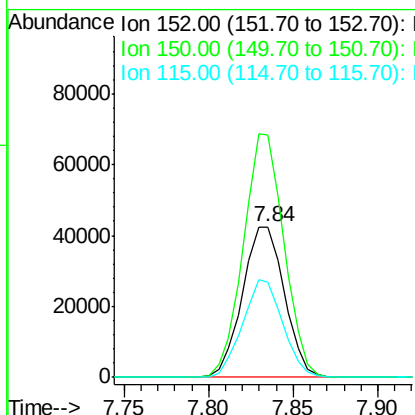
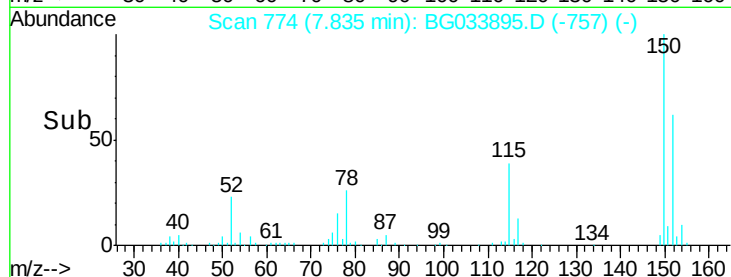
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.84 min Scan# 774
Delta R.T. -0.00 min
Lab File: BG033895.D
Acq: 20 Apr 2018 20:45

Instrument :
BNA_G
ClientSampleId :
PB108418BL

Tot Ion:152 Resp: 73513
Ion Ratio Lower Upper
152 100
150 161.7 126.6 189.8
115 63.8 53.0 79.4



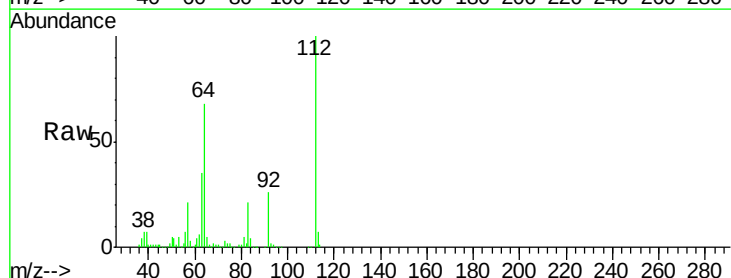
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



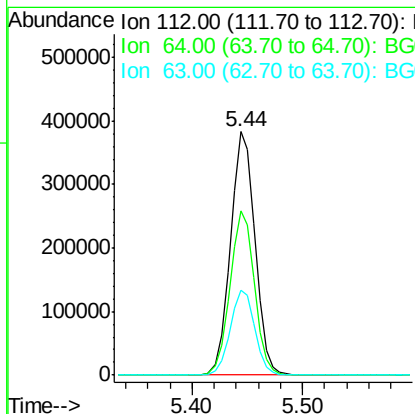
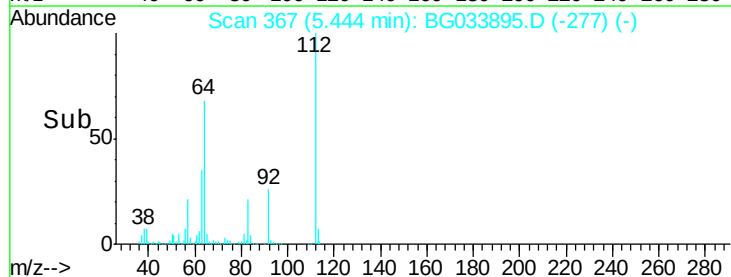
#5

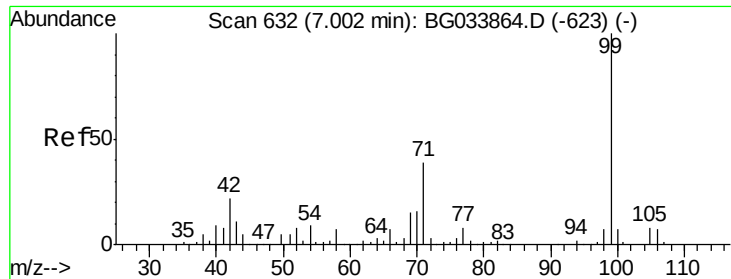
2-Fluorophenol
Concen: 129.591 ng
RT: 5.44 min Scan# 367
Delta R.T. -0.00 min
Lab File: BG033895.D
Acq: 20 Apr 2018 20:45

Tgt Ion:112 Resp: 596705
Ion Ratio Lower Upper
112 100
64 67.6 56.3 84.5
63 35.0 30.1 45.1



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





#7

Phenol-d6

Concen: 116.104 ng

RT: 7.00 min Scan# 632

Delta R.T. -0.00 min

Lab File: BG033895.D

Acq: 20 Apr 2018 20:45

Instrument :

BNA_G

ClientSampleId :

PB108418BL

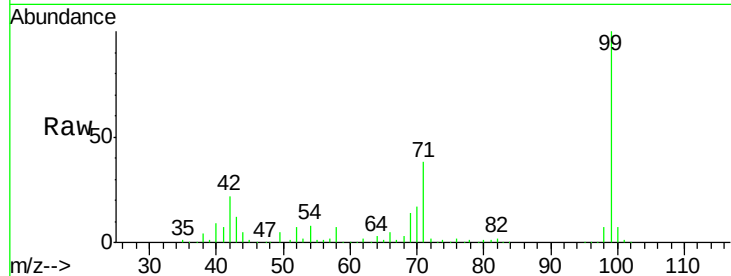
Tot Ion: 99 Resp: 779750

Ion Ratio Lower Upper

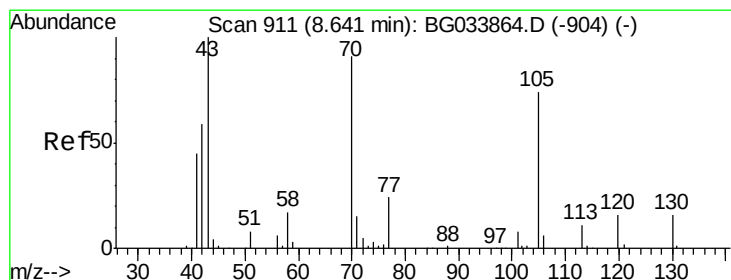
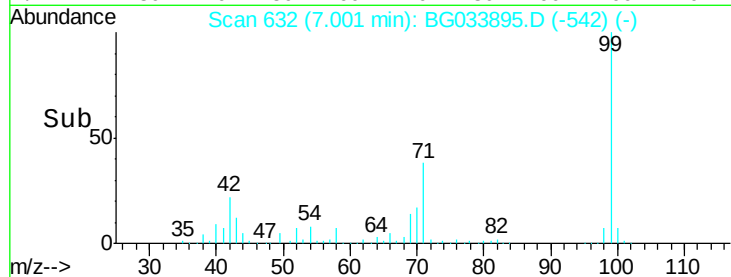
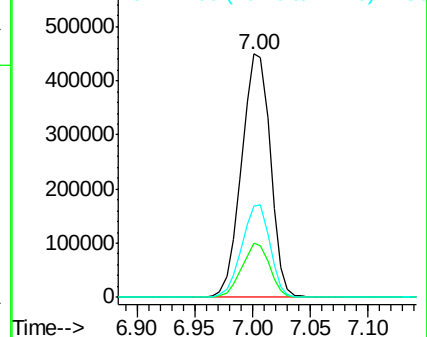
99 100

42 22.1 14.1 21.1#

71 37.6 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: 11.300 ng

RT: 8.98 min Scan# 969

Delta R.T. 0.34 min

Lab File: BG033895.D

Acq: 20 Apr 2018 20:45

Tgt Ion: 70 Resp: 64689

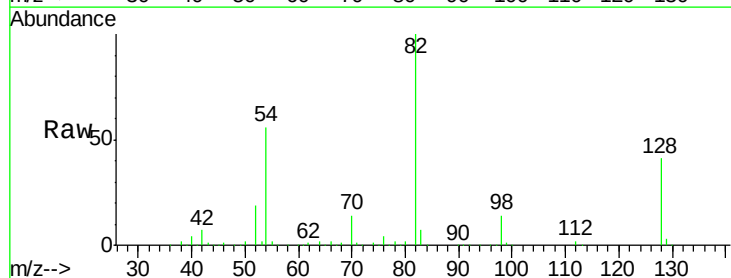
Ion Ratio Lower Upper

70 100

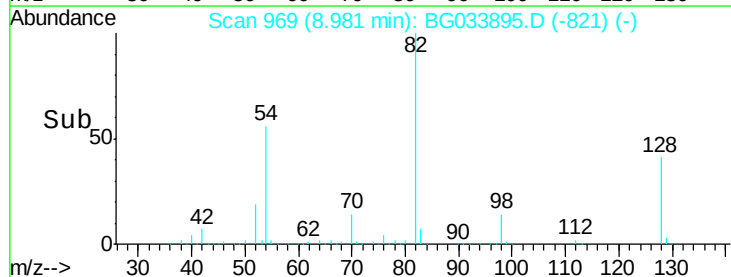
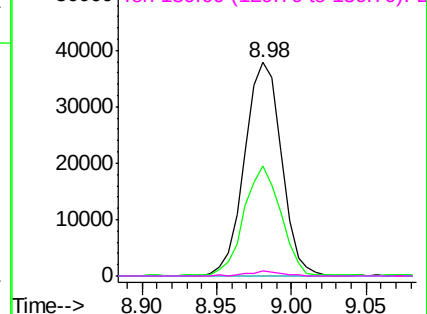
42 51.4 49.1 73.7

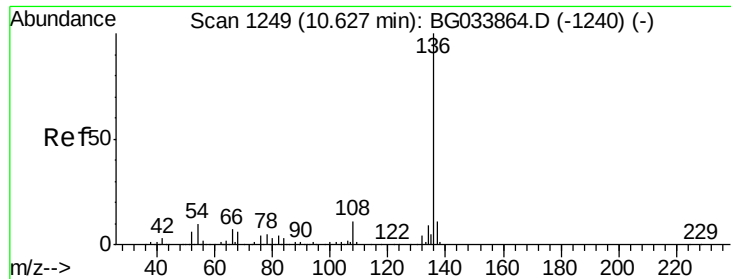
101 0.0 8.5 12.7#

130 2.7 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

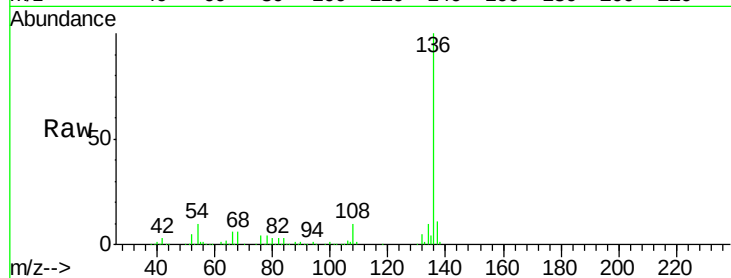




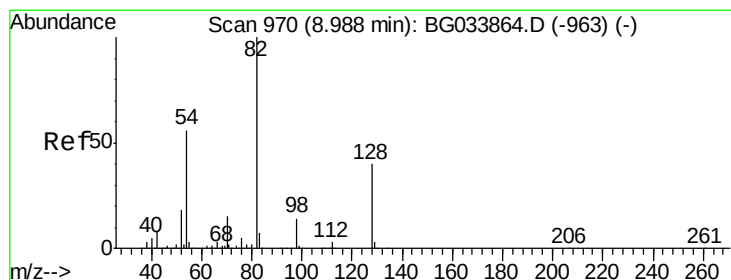
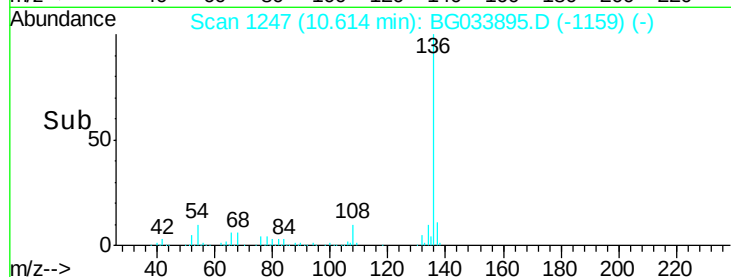
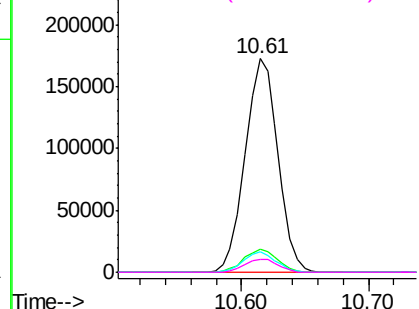
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.61 min Scan# 1247
Delta R.T. -0.01 min
Lab File: BG033895.D
Acq: 20 Apr 2018 20:45

Instrument :
BNA_G
ClientSampleId :
PB108418BL

Tot Ion:136	Resp:	307919
Ion	Ratio	Lower Upper
136	100	
137	10.8	9.2 13.8
54	9.7	10.3 15.5#
68	5.8	4.5 6.7

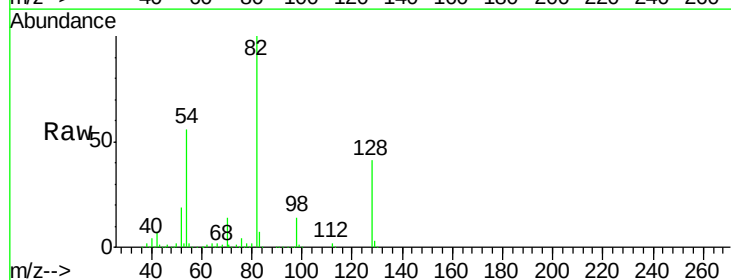


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

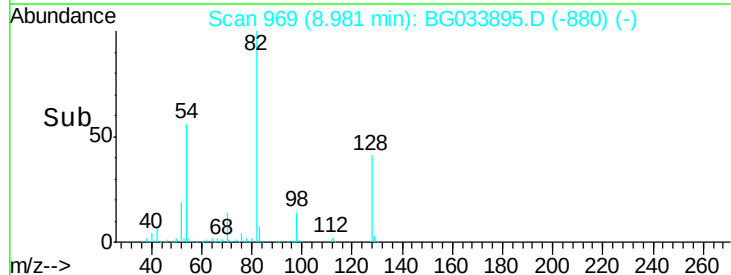
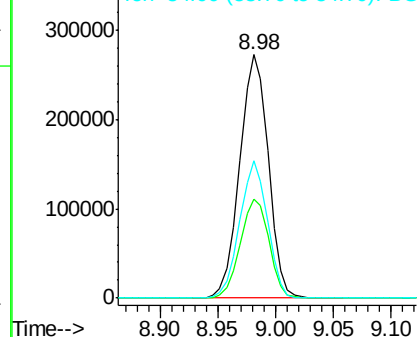


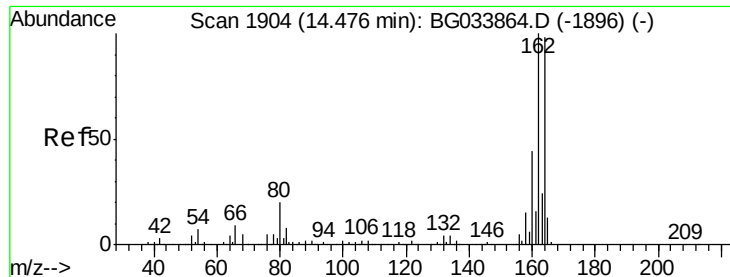
#23
Nitrobenzene-d5
Concen: 86.240 ng
RT: 8.98 min Scan# 969
Delta R.T. -0.01 min
Lab File: BG033895.D
Acq: 20 Apr 2018 20:45

Tgt Ion: 82	Resp:	466618
Ion	Ratio	Lower Upper
82	100	
128	40.8	29.7 44.5
54	56.3	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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.46 min Scan# 1902

Delta R.T. -0.01 min

Lab File: BG033895.D

Acq: 20 Apr 2018 20:45

Instrument :

BNA_G

ClientSampleId :

PB108418BL

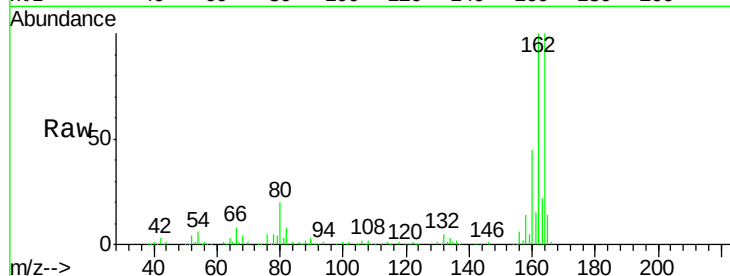
Tot Ion:164 Resp: 193269

Ion Ratio Lower Upper

164 100

162 99.8 78.8 118.2

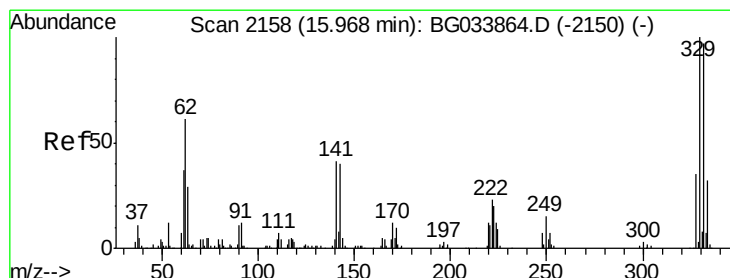
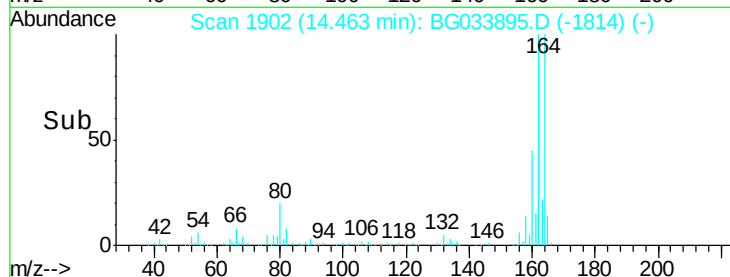
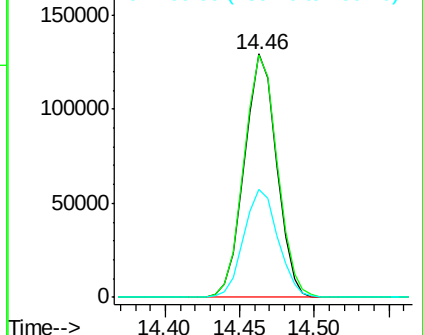
160 44.5 35.4 53.0



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: 139.025 ng

RT: 15.96 min Scan# 2156

Delta R.T. -0.01 min

Lab File: BG033895.D

Acq: 20 Apr 2018 20:45

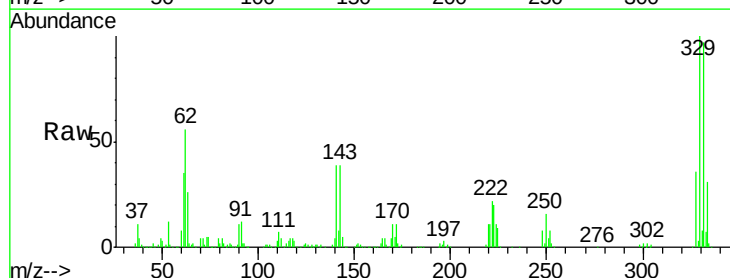
Tgt Ion:330 Resp: 313473

Ion Ratio Lower Upper

330 100

332 95.6 77.0 115.6

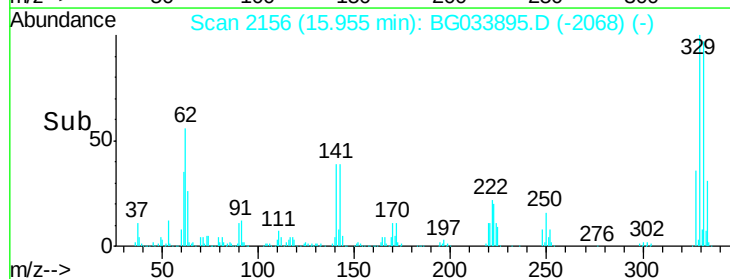
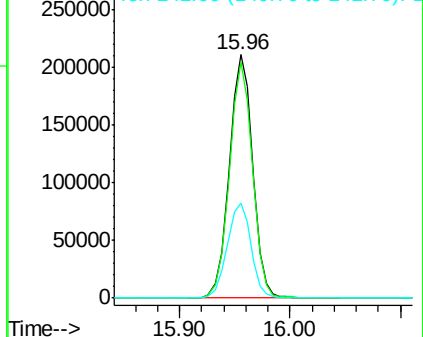
141 39.8 25.2 37.8#

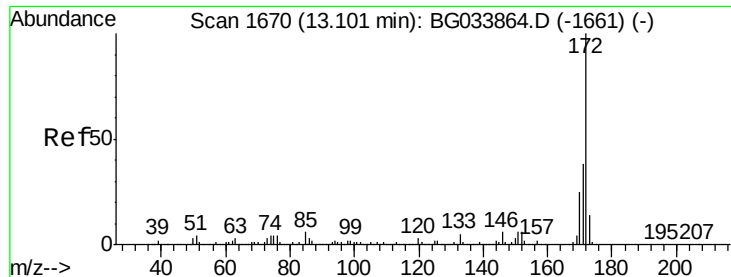


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

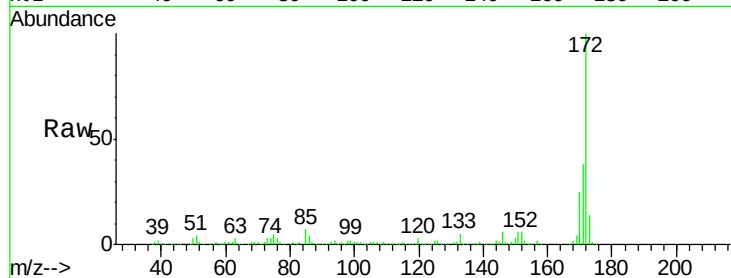




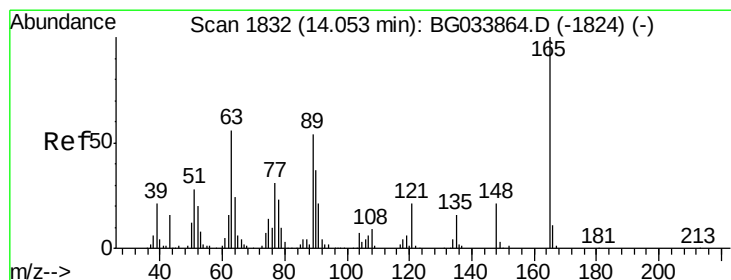
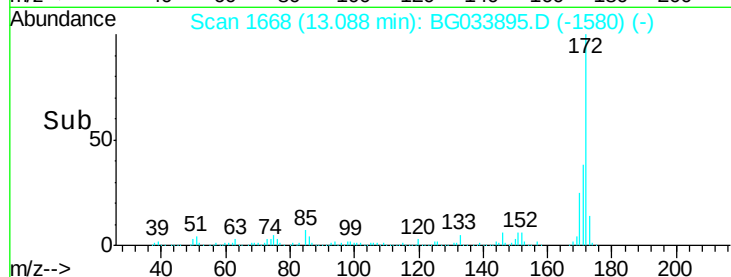
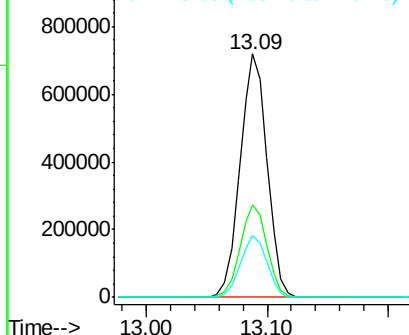
#44
2-Fluorobiphenyl
Concen: 84.905 ng
RT: 13.09 min Scan# 1668
Delta R.T. -0.01 min
Lab File: BG033895.D
Acq: 20 Apr 2018 20:45

Instrument :
BNA_G
ClientSampleId :
PB108418BL

Tot Ion:172 Resp: 1117032
Ion Ratio Lower Upper
172 100
171 38.2 30.0 45.0
170 25.3 19.5 29.3

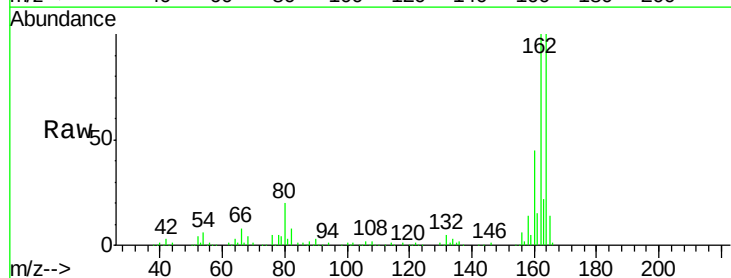


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

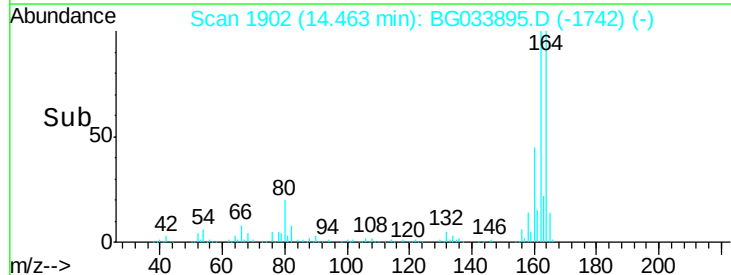
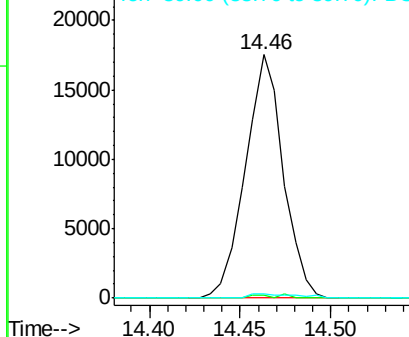


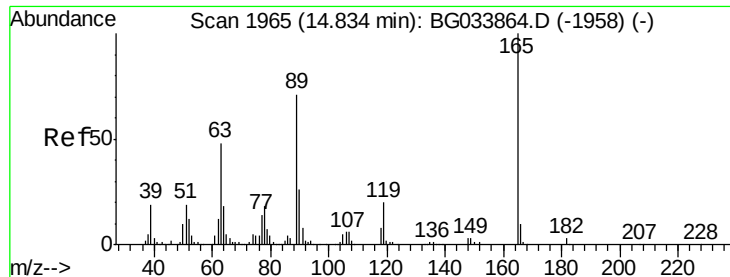
#50
2,6-Dinitrotoluene
Concen: 7.889 ng
RT: 14.46 min Scan# 1902
Delta R.T. 0.41 min
Lab File: BG033895.D
Acq: 20 Apr 2018 20:45

Tgt Ion:165 Resp: 25416
Ion Ratio Lower Upper
165 100
63 1.4 52.7 79.1#
89 1.7 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

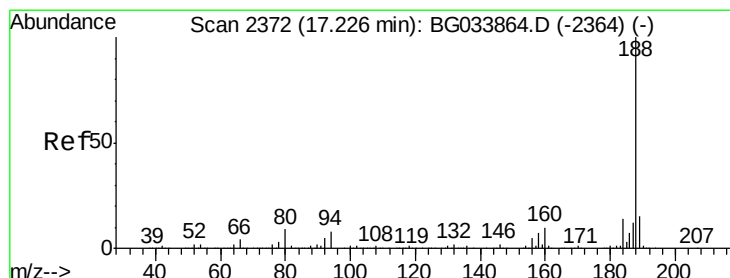
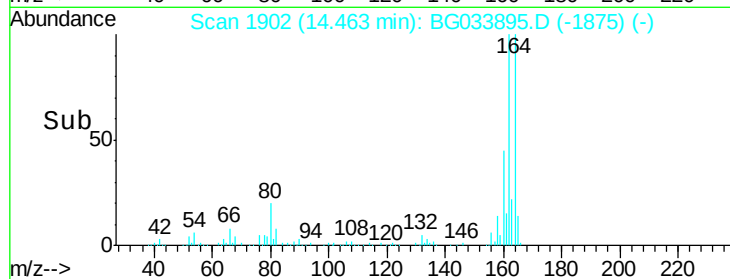
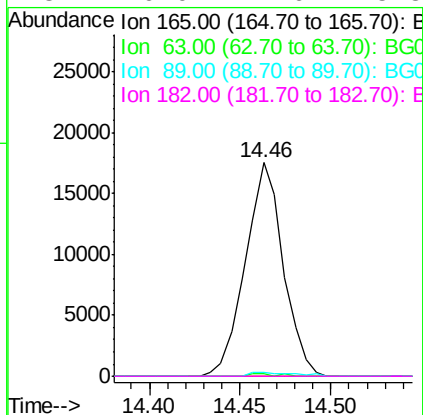
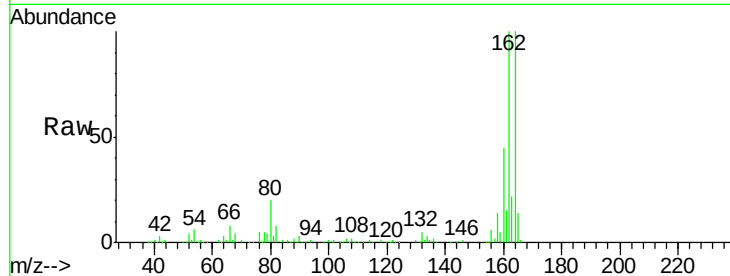




#56
 2,4-Dinitrotoluene
 Concen: 5.932 ng
 RT: 14.46 min Scan# 1902
 Delta R.T. -0.37 min
 Lab File: BG033895.D
 Acq: 20 Apr 2018 20:45

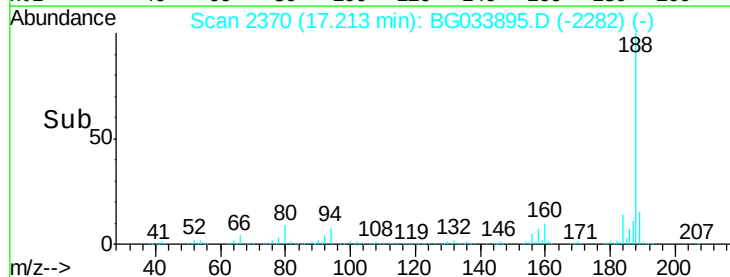
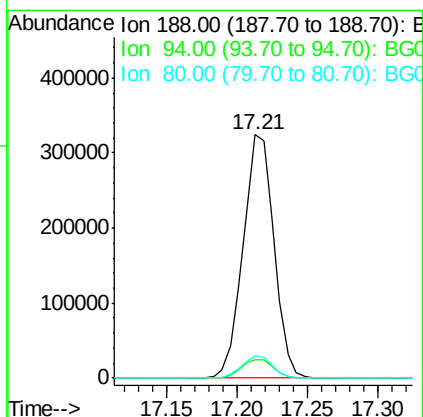
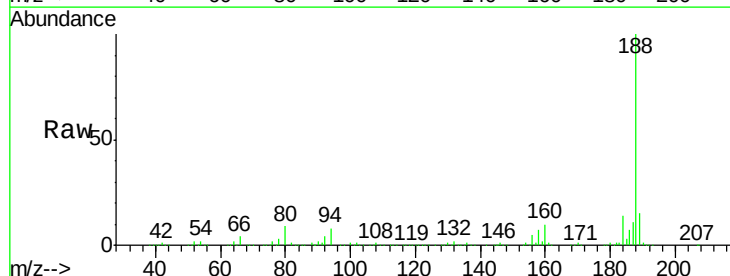
Instrument :
 BNA_G
 ClientSampleId :
 PB108418BL

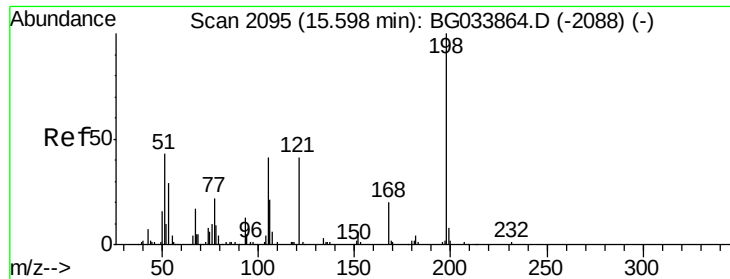
Tot Ion:165 Resp: 25416
 Ion Ratio Lower Upper
 165 100
 63 1.4 42.0 63.0#
 89 1.7 66.9 100.3#
 182 0.0 2.6 3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.21 min Scan# 2370
 Delta R.T. -0.01 min
 Lab File: BG033895.D
 Acq: 20 Apr 2018 20:45

Tgt Ion:188 Resp: 496792
 Ion Ratio Lower Upper
 188 100
 94 7.8 6.9 10.3
 80 9.0 7.7 11.5





#64

4,6-Dinitro-2-methylphenol

Concen: 7.094 ng

RT: 15.96 min Scan# 2156

Delta R.T. 0.36 min

Lab File: BG033895.D

Acq: 20 Apr 2018 20:45

Instrument :

BNA_G

ClientSampleId :

PB108418BL

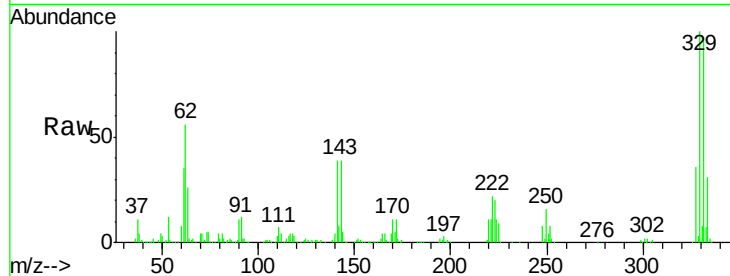
Tot Ion:198 Resp: 1673

Ion Ratio Lower Upper

198 100

51 30.8 30.6 70.6

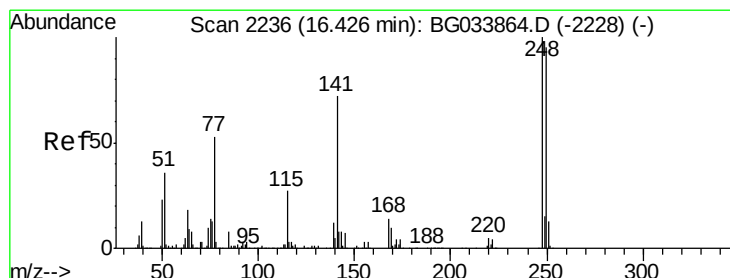
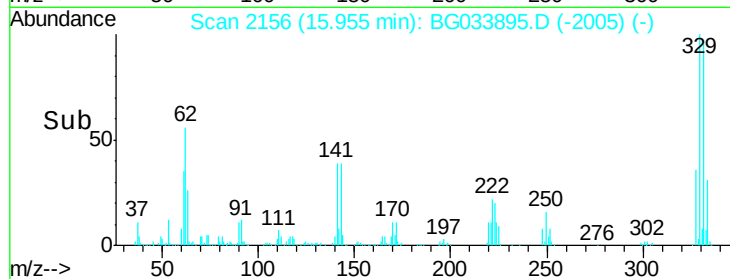
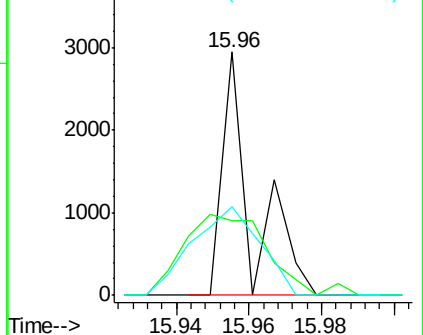
105 36.3 23.8 63.8



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: 2.446 ng

RT: 15.95 min Scan# 2155

Delta R.T. -0.48 min

Lab File: BG033895.D

Acq: 20 Apr 2018 20:45

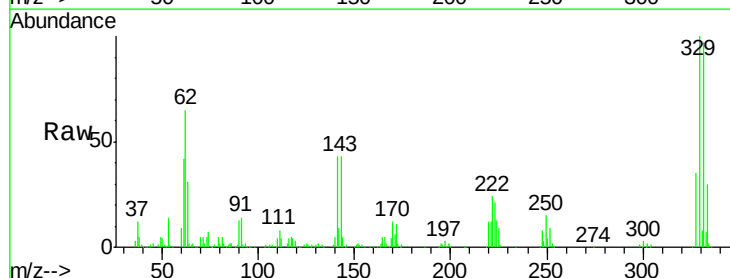
Tgt Ion:248 Resp: 13347

Ion Ratio Lower Upper

248 100

250 190.1 77.1 115.7#

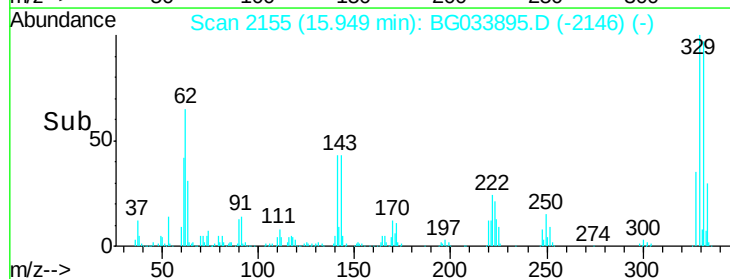
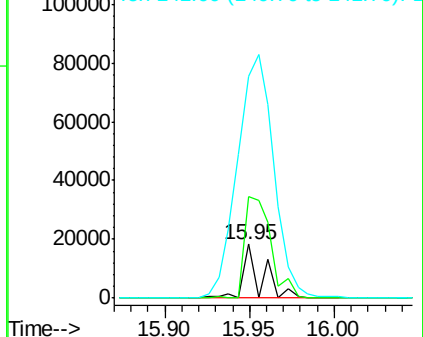
141 412.8 50.8 76.2#

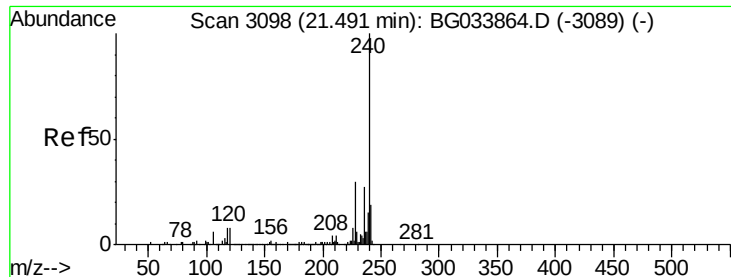


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

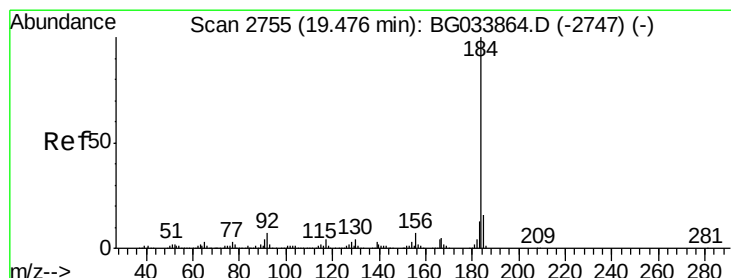
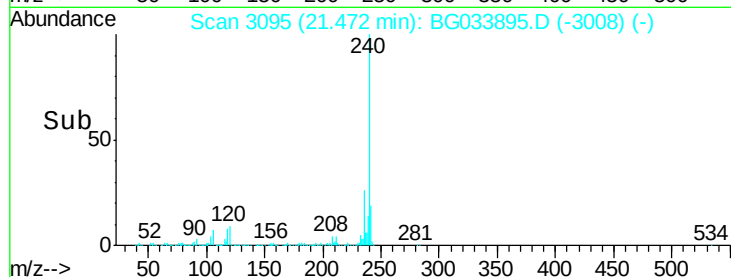
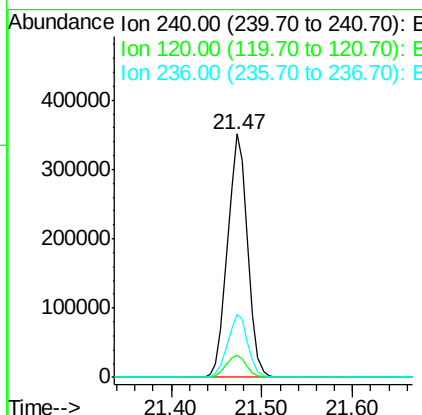
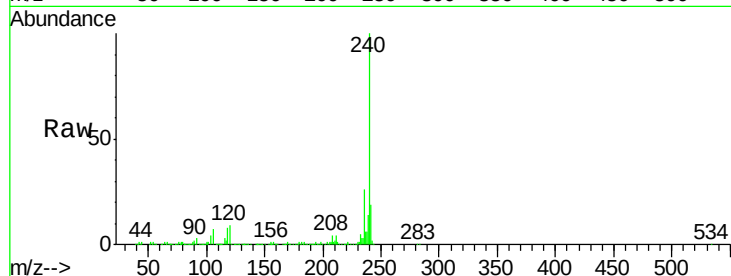




#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.47 min Scan# 3095
Delta R.T. -0.02 min
Lab File: BG033895.D
Acq: 20 Apr 2018 20:45

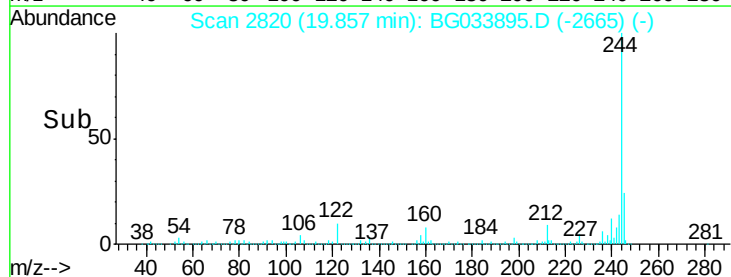
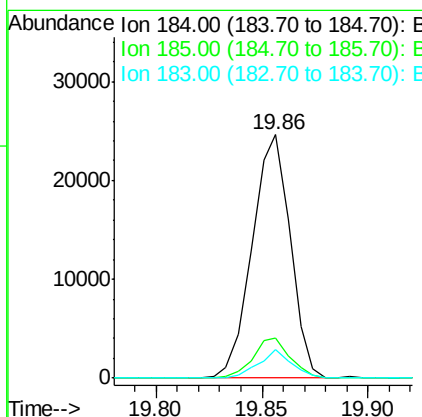
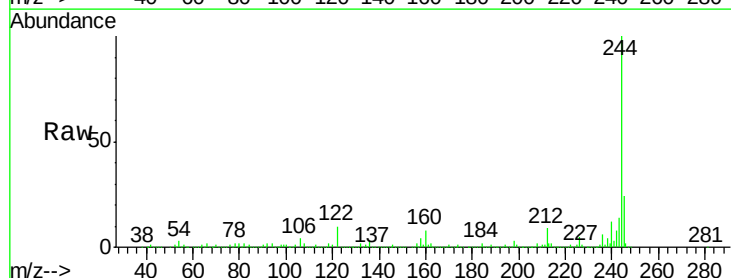
Instrument :
BNA_G
ClientSampleId :
PB108418BL

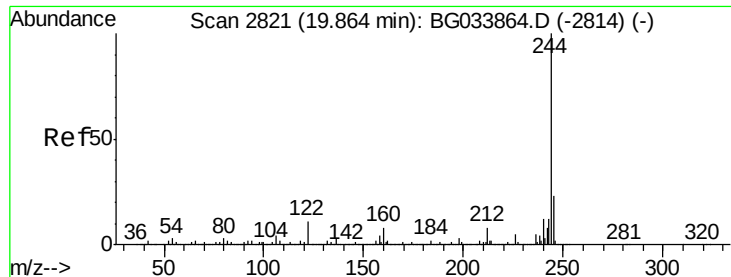
Tot Ion:240 Resp: 536767
Ion Ratio Lower Upper
240 100
120 9.1 6.8 10.2
236 26.0 20.9 31.3



#76
Benzidine
Concen: 2.130 ng
RT: 19.86 min Scan# 2820
Delta R.T. 0.38 min
Lab File: BG033895.D
Acq: 20 Apr 2018 20:45

Tgt Ion:184 Resp: 30880
Ion Ratio Lower Upper
184 100
185 16.3 11.1 16.7
183 11.6 10.6 16.0

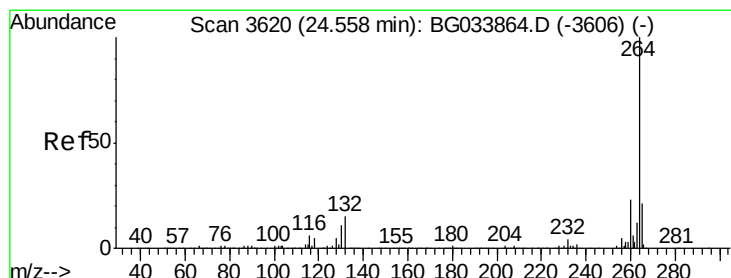
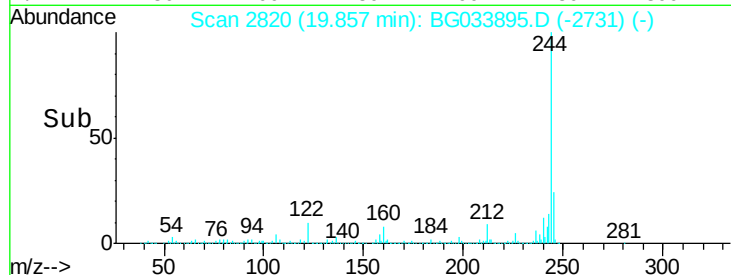
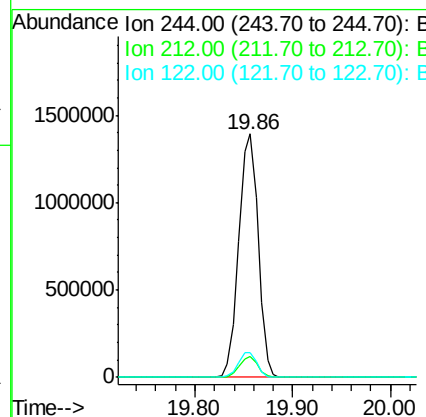
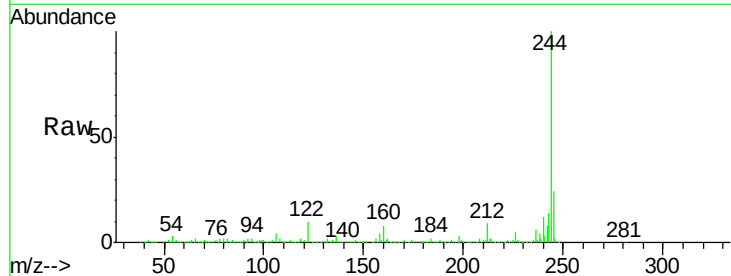




#78
 Terphenyl-d14
 Concen: 80.214 ng
 RT: 19.86 min Scan# 2820
 Delta R.T. -0.01 min
 Lab File: BG033895.D
 Acq: 20 Apr 2018 20:45

Instrument :
 BNA_G
 ClientSampleId :
 PB108418BL

Tot Ion:244 Resp: 1916490
 Ion Ratio Lower Upper
 244 100
 212 8.7 5.8 8.8
 122 10.3 7.0 10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.54 min Scan# 3617
 Delta R.T. -0.02 min
 Lab File: BG033895.D
 Acq: 20 Apr 2018 20:45

Tgt Ion:264 Resp: 536696
 Ion Ratio Lower Upper
 264 100
 260 23.5 17.4 26.0
 265 21.7 17.7 26.5

