

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062718\
 Data File : BG035455.D
 Acq On : 27 Jun 2018 21:29
 Operator : JU/SJ
 Sample : J3706-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RO-1-5

Quant Time: Jun 28 01:03:35 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 08 17:16:28 2018
 Response via : Initial Calibration

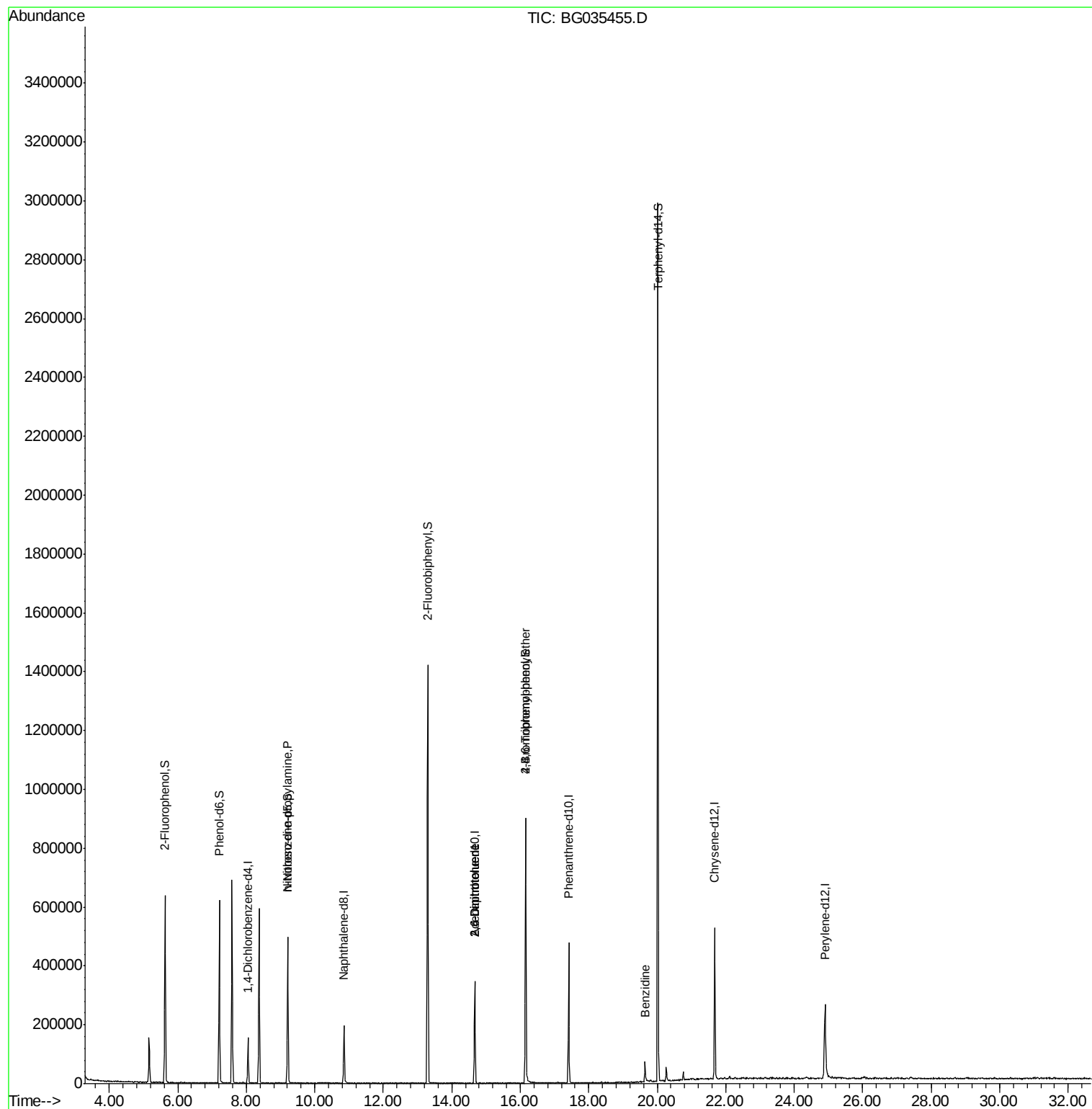
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	44430	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	162488	20.00	ng	-0.03
38) Acenaphthene-d10	14.67	164	116261	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	313320	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	342193	20.00	ng	-0.03
86) Perylene-d12	24.90	264	312551	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	280633	106.59	ng	-0.02
7) Phenol-d6	7.21	99	375259	96.57	ng	-0.01
23) Nitrobenzene-d5	9.21	82	331425	96.96	ng	-0.03
41) 2,4,6-Tribromophenol	16.16	330	184842	124.20	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	789107	88.24	ng	-0.03
78) Terphenyl-d14	20.02	244	1451906	88.88	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	44581	13.504	ng	# 62
50) 2,6-Dinitrotoluene	14.67	165	16527	8.936	ng	# 18
56) 2,4-Dinitrotoluene	14.67	165	16527	6.727	ng	# 16
66) 4-Bromophenyl-phenylether	16.16	248	14147	3.749	ng	# 1
76) Benzidine	19.64	184	54575	4.287	ng	97

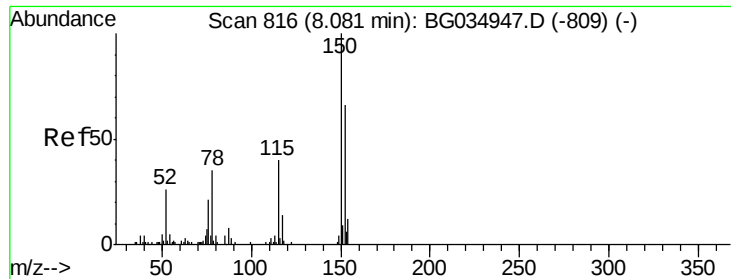
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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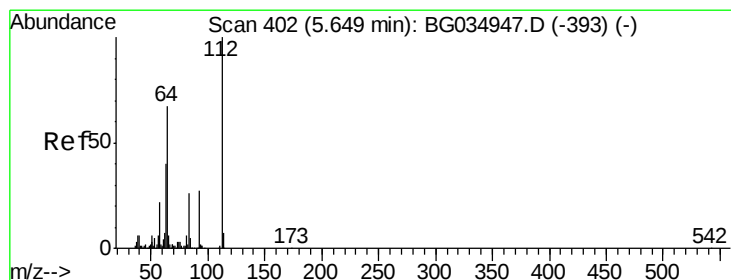
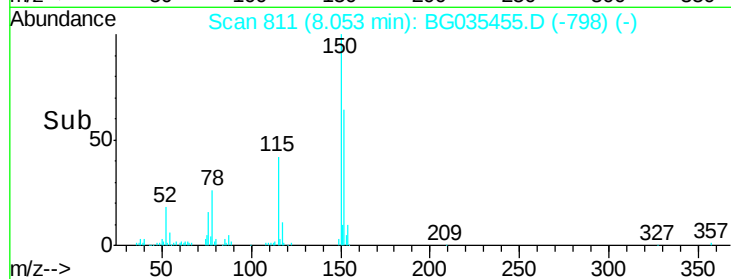
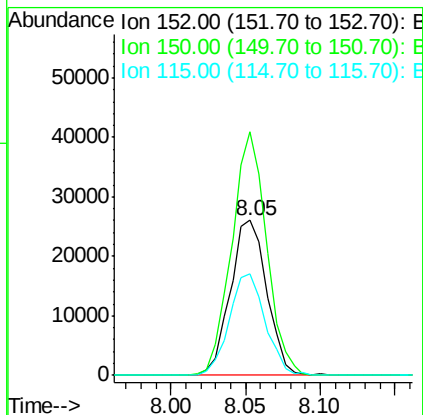
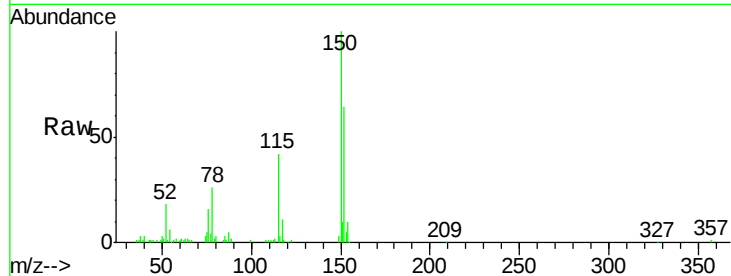


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.02 min
Lab File: BG035455.D
Acq: 27 Jun 2018 21:29

Instrument :
BNA_G
ClientSampleId :
RO-1-5

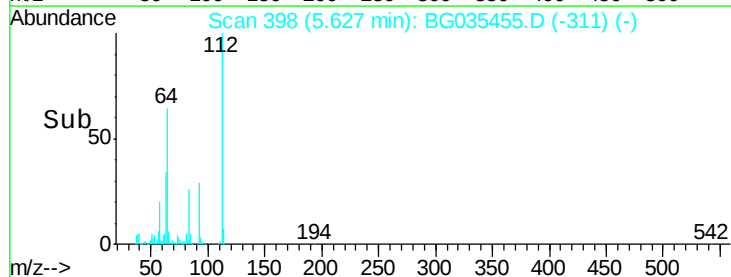
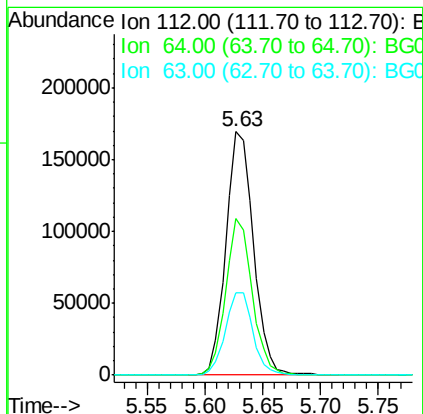
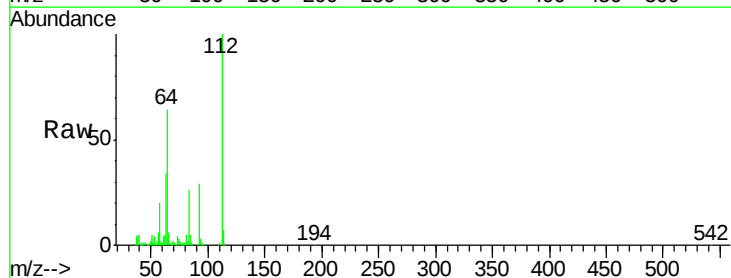
Tgt Ion:152 Resp: 44430
Ion Ratio Lower Upper
152 100
150 157.1 126.6 189.8
115 65.3 53.0 79.4

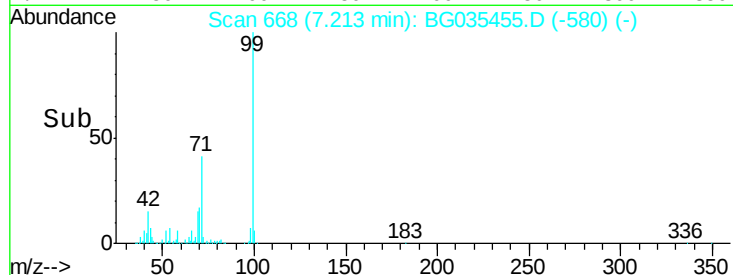
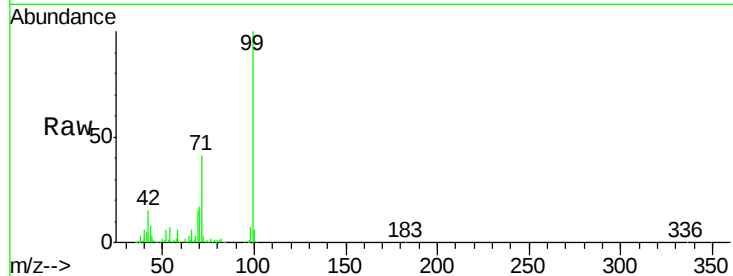
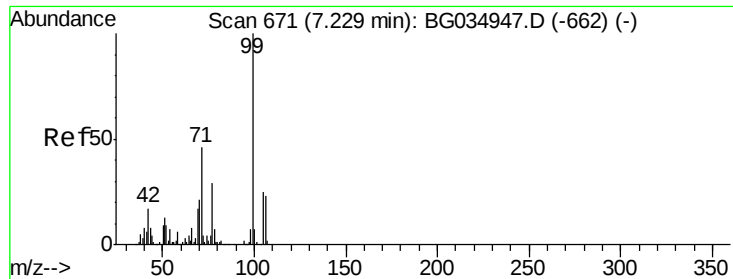


#5

2-Fluorophenol
Concen: 106.594 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.02 min
Lab File: BG035455.D
Acq: 27 Jun 2018 21:29

Tgt Ion:112 Resp: 280633
Ion Ratio Lower Upper
112 100
64 64.4 56.3 84.5
63 33.7 30.1 45.1





#7

Phenol-d6

Concen: 96.573 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035455.D

Acq: 27 Jun 2018 21:29

Instrument :

BNA_G

ClientSampleId :

RO-1-5

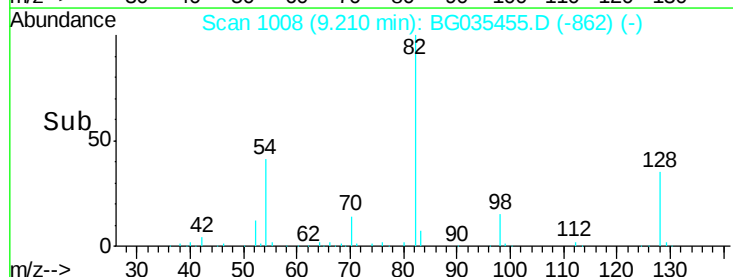
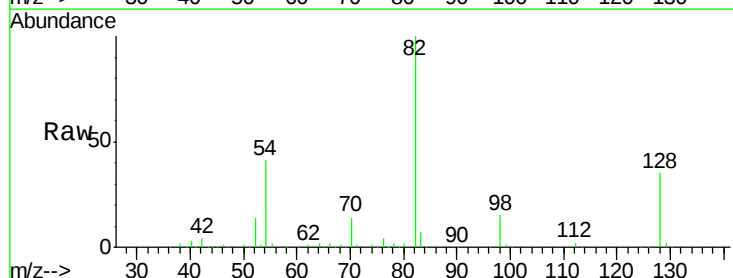
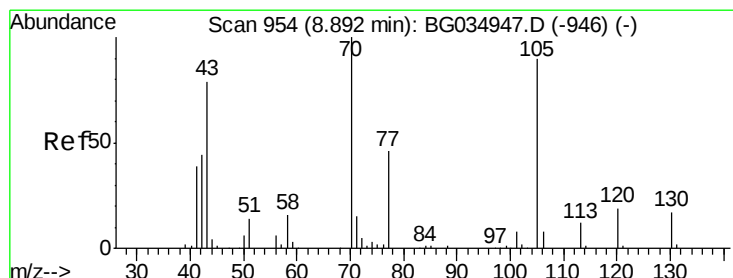
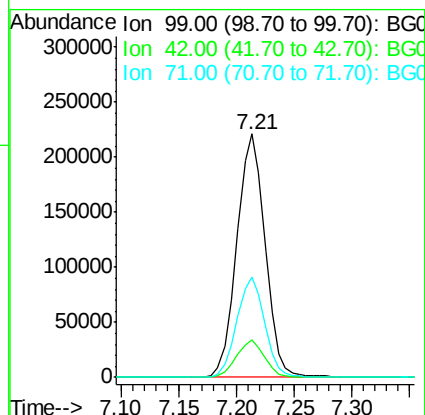
Tgt Ion: 99 Resp: 375259

Ion Ratio Lower Upper

99 100

42 15.2 14.1 21.1

71 41.1 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 13.504 ng

RT: 9.21 min Scan# 1008

Delta R.T. 0.33 min

Lab File: BG035455.D

Acq: 27 Jun 2018 21:29

Tgt Ion: 70 Resp: 44581

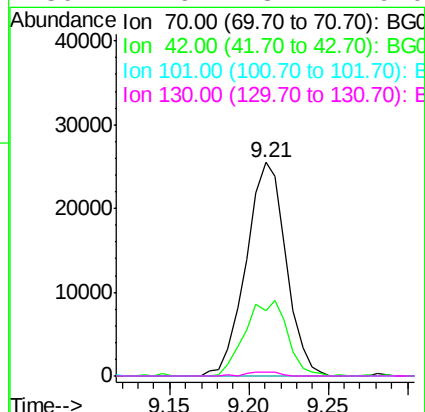
Ion Ratio Lower Upper

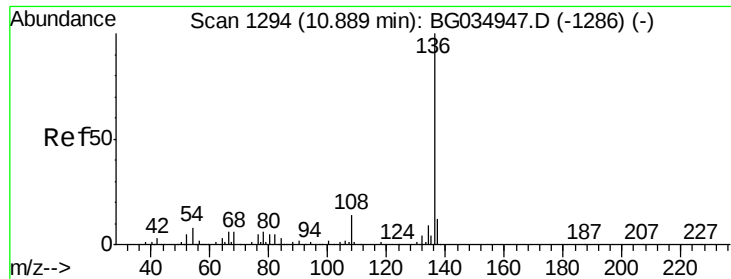
70 100

42 30.4 49.1 73.7#

101 0.0 8.5 12.7#

130 1.6 13.4 20.0#

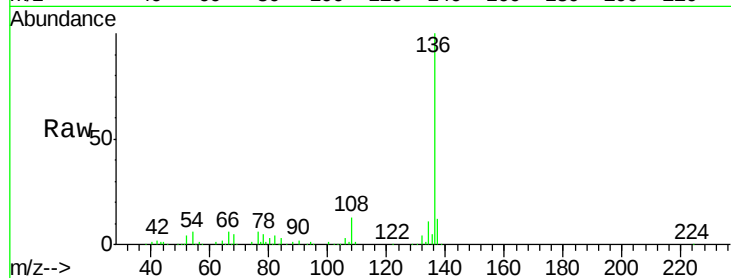




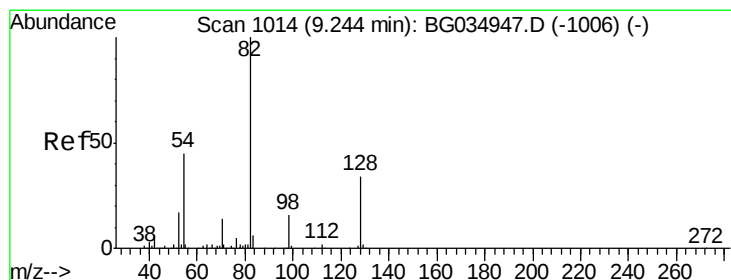
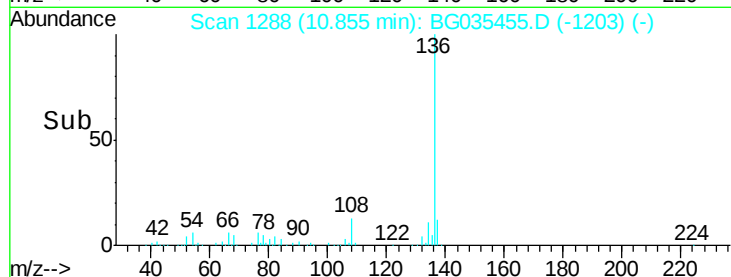
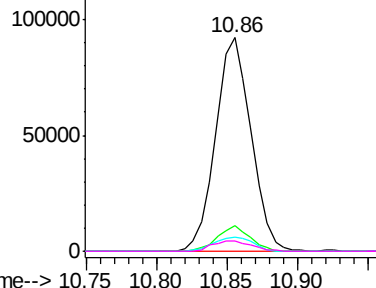
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1288
Delta R.T. -0.03 min
Lab File: BG035455.D
Acq: 27 Jun 2018 21:29

Instrument :
BNA_G
ClientSampleId :
RO-1-5

Tgt Ion:	136	Resp:	162488
Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.2	13.8
54	6.3	10.3	15.5#
68	4.8	4.5	6.7

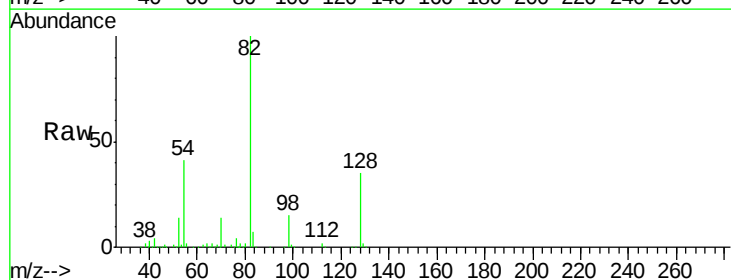


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

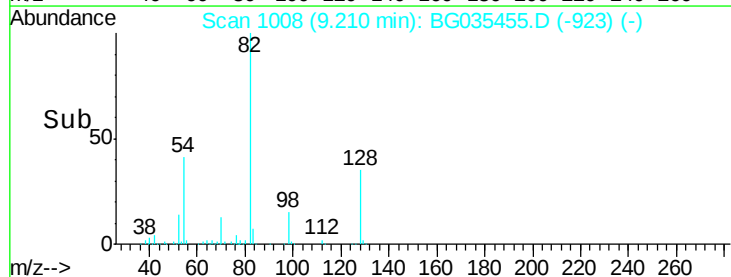
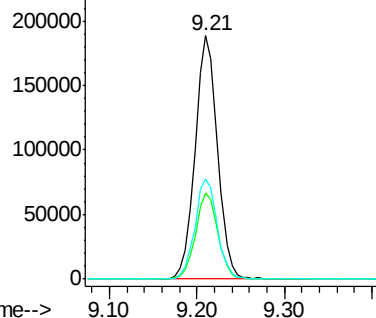


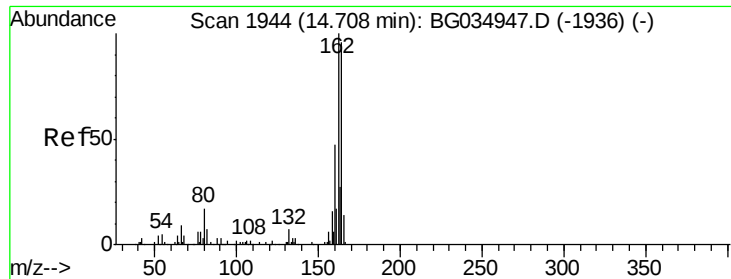
#23
Nitrobenzene-d5
Concen: 96.955 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.03 min
Lab File: BG035455.D
Acq: 27 Jun 2018 21:29

Tgt Ion:	82	Resp:	331425
Ion	Ratio	Lower	Upper
82	100		
128	35.1	29.7	44.5
54	41.3	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: 14.67 min Scan# 1938

Delta R.T. -0.02 min

Lab File: BG035455.D

Acq: 27 Jun 2018 21:29

Instrument :

BNA_G

ClientSampleId :

RO-1-5

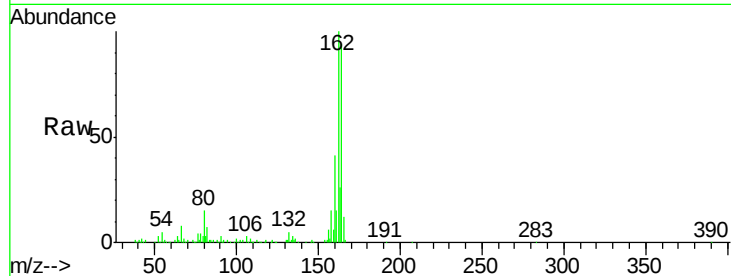
Tgt Ion:164 Resp: 116261

Ion Ratio Lower Upper

164 100

162 106.2 78.8 118.2

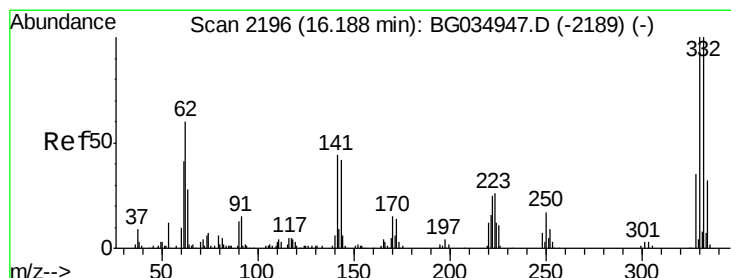
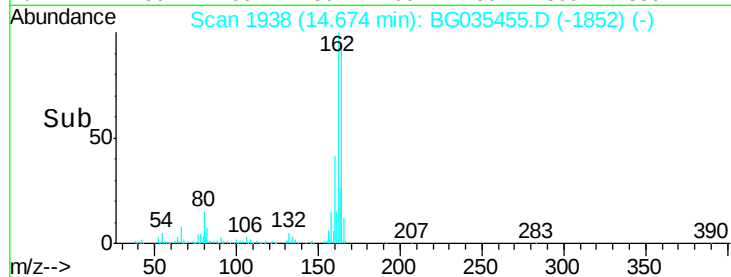
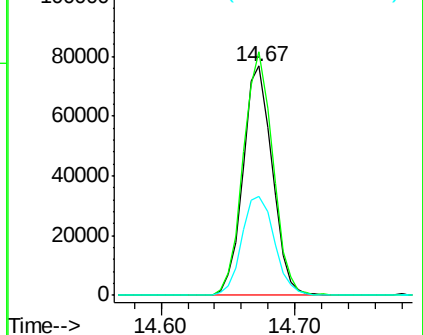
160 43.0 35.4 53.0



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: 124.198 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.02 min

Lab File: BG035455.D

Acq: 27 Jun 2018 21:29

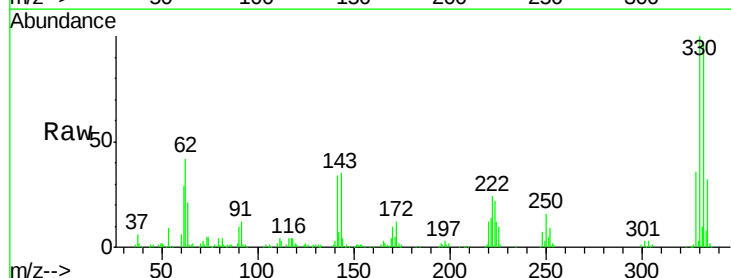
Tgt Ion:330 Resp: 184842

Ion Ratio Lower Upper

330 100

332 97.6 77.0 115.6

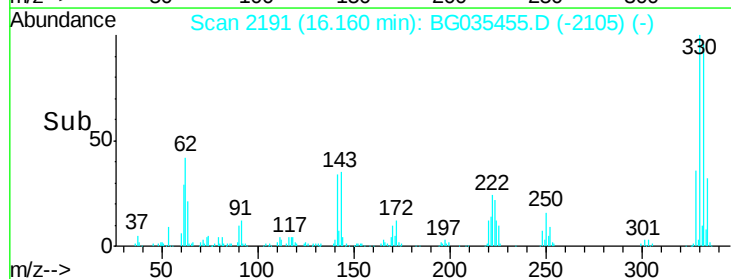
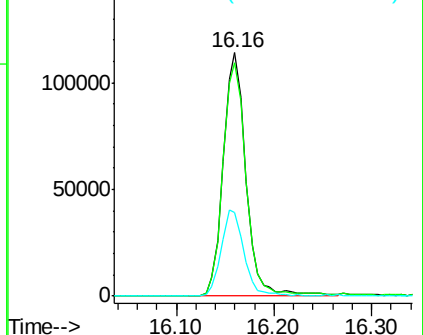
141 35.8 25.2 37.8

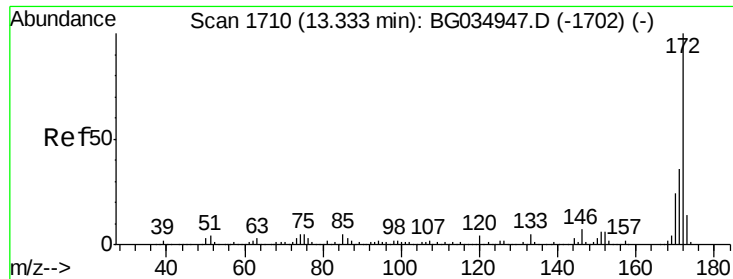


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

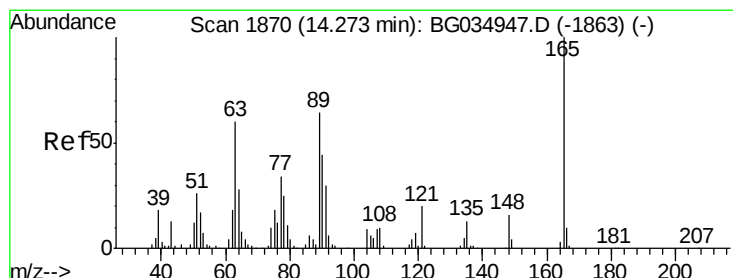
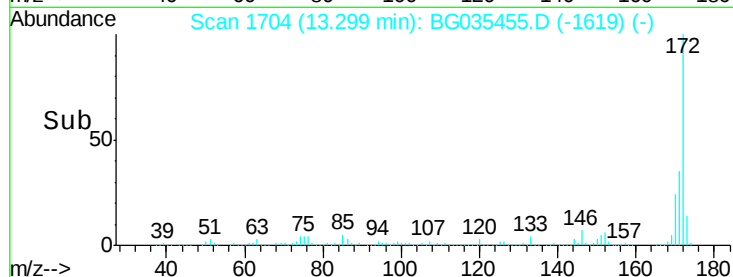
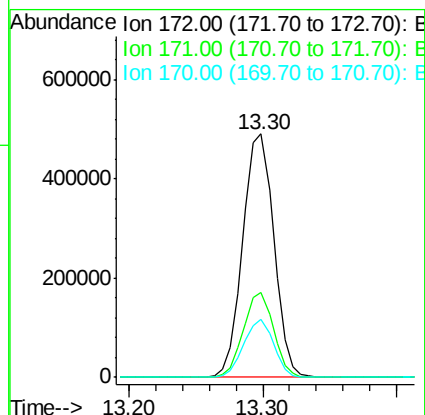
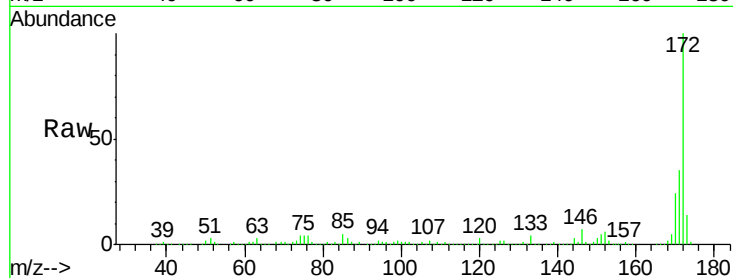




#44
 2-Fluorobiphenyl
 Concen: 88.236 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.03 min
 Lab File: BG035455.D
 Acq: 27 Jun 2018 21:29

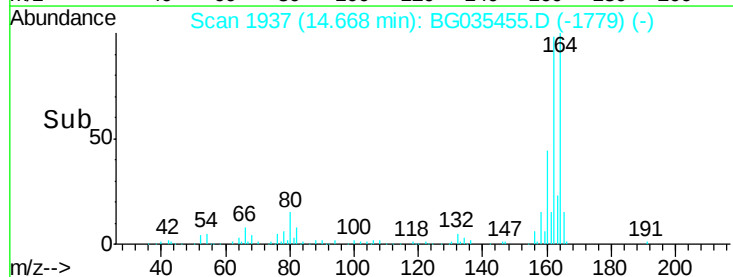
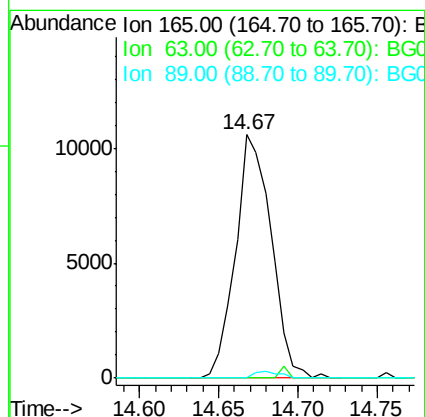
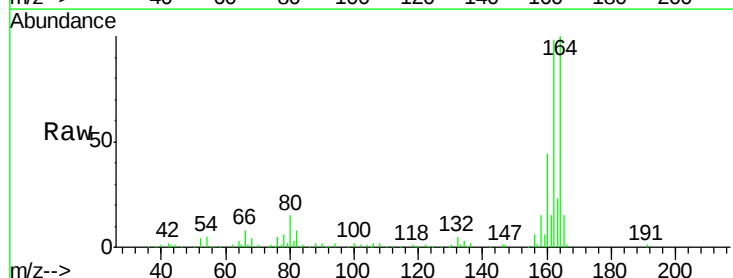
Instrument :
 BNA_G
 ClientSampleId :
 RO-1-5

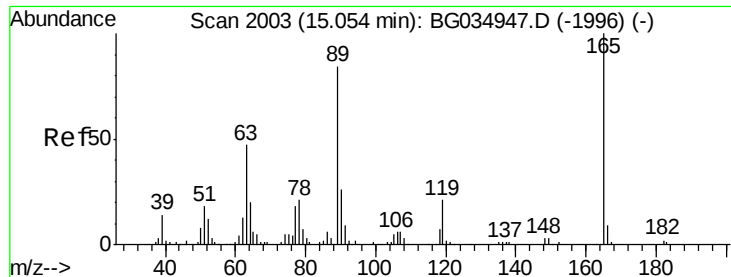
Tgt Ion:172 Resp: 789107
 Ion Ratio Lower Upper
 172 100
 171 35.1 30.0 45.0
 170 23.6 19.5 29.3



#50
 2,6-Dinitrotoluene
 Concen: 8.936 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. 0.40 min
 Lab File: BG035455.D
 Acq: 27 Jun 2018 21:29

Tgt Ion:165 Resp: 16527
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 0.0 49.2 73.8#

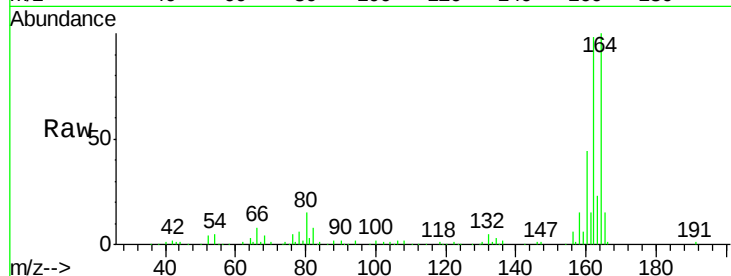




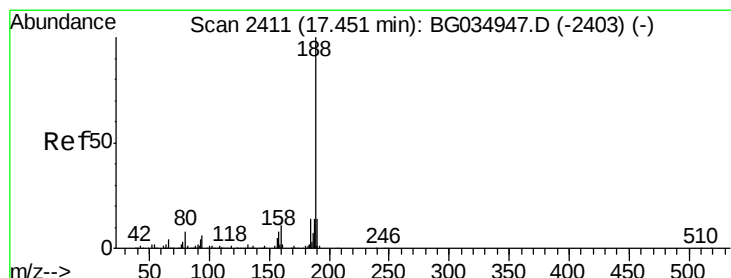
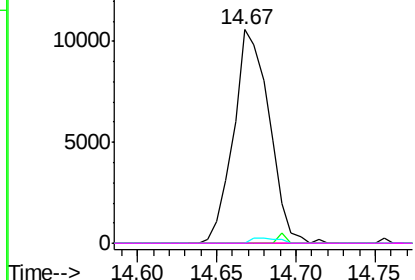
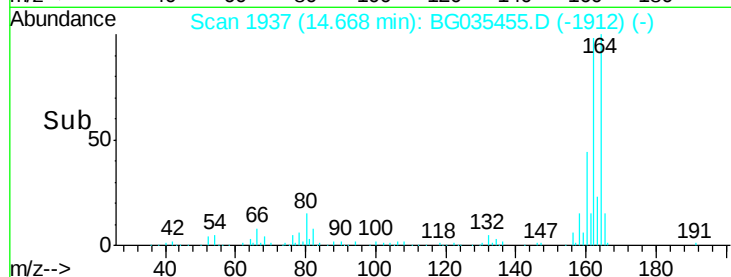
#56
2,4-Dinitrotoluene
Concen: 6.727 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.38 min
Lab File: BG035455.D
Acq: 27 Jun 2018 21:29

Instrument :
BNA_G
ClientSampleId :
RO-1-5

Tgt Ion:165 Resp: 16527
Ion Ratio Lower Upper
165 100
63 0.0 42.0 63.0#
89 0.0 66.9 100.3#
182 0.0 2.6 3.8#

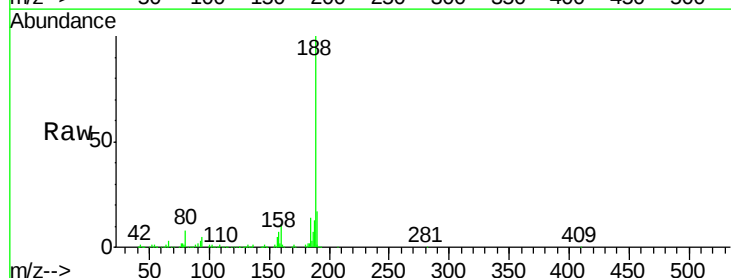


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

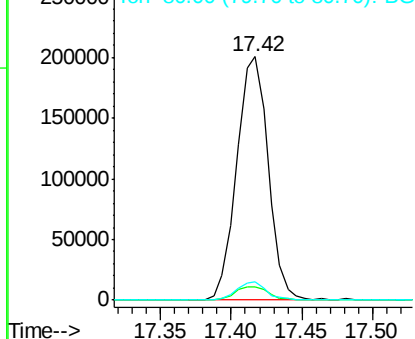
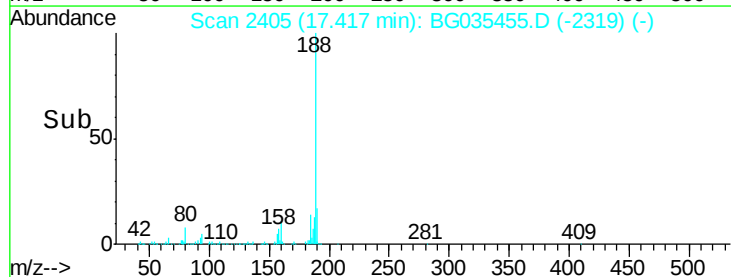


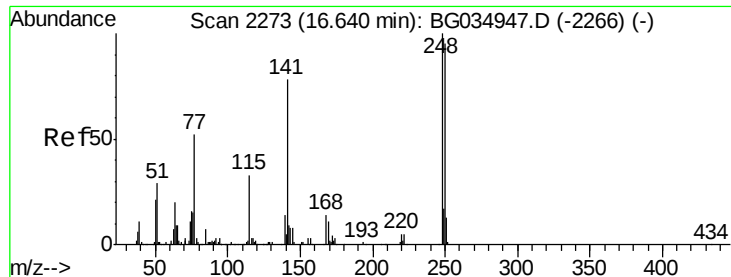
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.02 min
Lab File: BG035455.D
Acq: 27 Jun 2018 21:29

Tgt Ion:188 Resp: 313320
Ion Ratio Lower Upper
188 100
94 5.2 6.9 10.3#
80 7.5 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

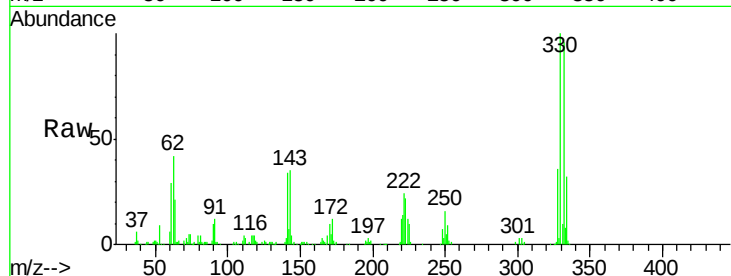




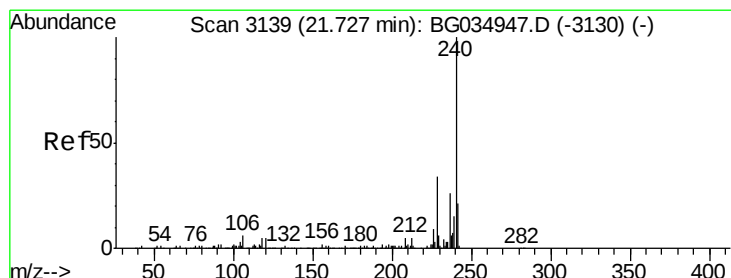
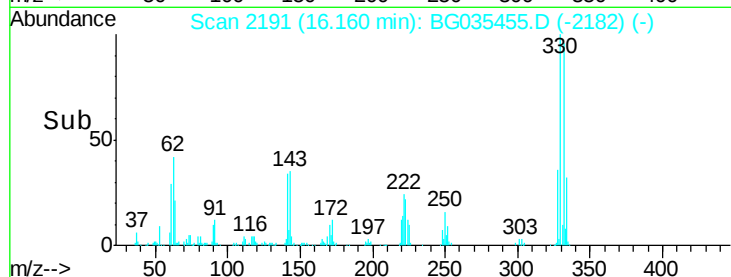
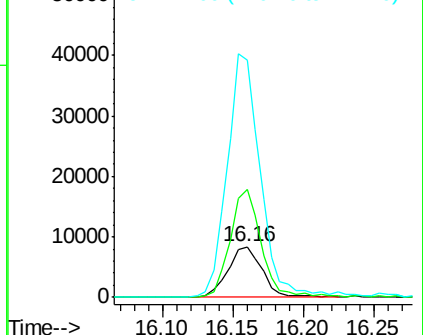
#66
 4-Bromophenyl-phenylether
 Concen: 3.749 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.48 min
 Lab File: BG035455.D
 Acq: 27 Jun 2018 21:29

Instrument :
 BNA_G
 ClientSampled :
 RO-1-5

Tgt Ion:248 Resp: 14147
 Ion Ratio Lower Upper
 248 100
 250 215.7 77.1 115.7#
 141 471.0 50.8 76.2#

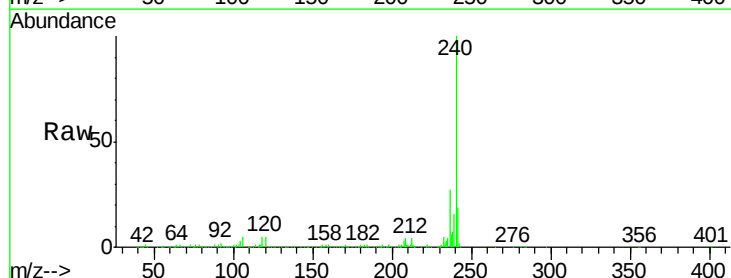


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

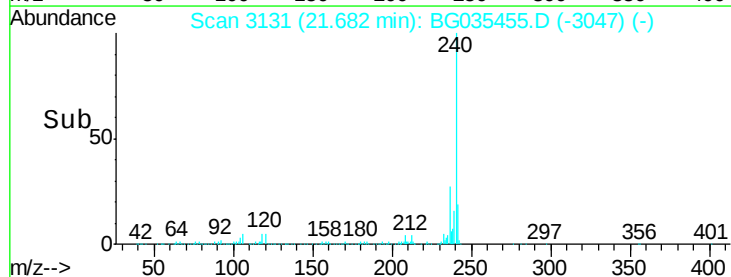
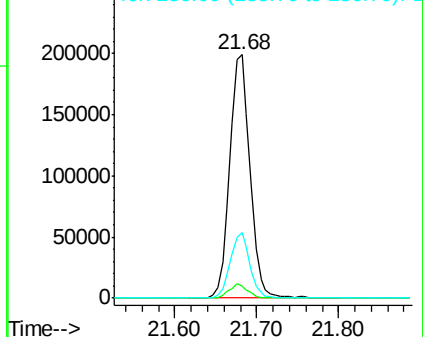


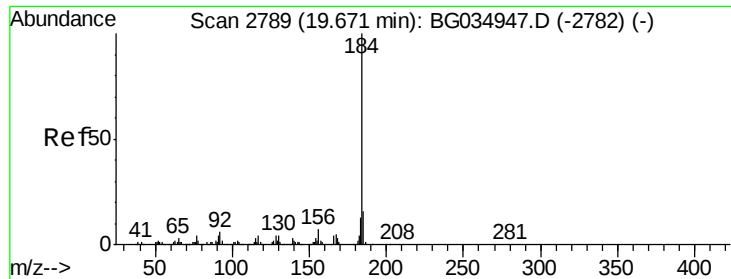
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3131
 Delta R.T. -0.03 min
 Lab File: BG035455.D
 Acq: 27 Jun 2018 21:29

Tgt Ion:240 Resp: 342193
 Ion Ratio Lower Upper
 240 100
 120 4.9 6.8 10.2#
 236 26.9 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

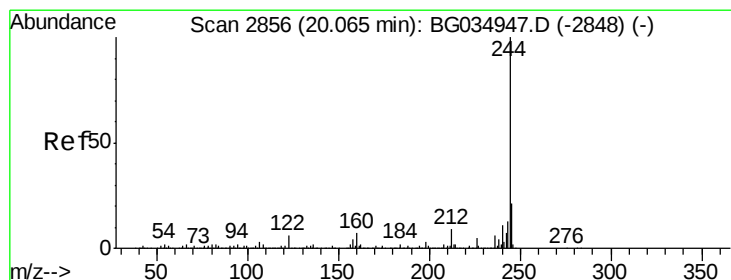
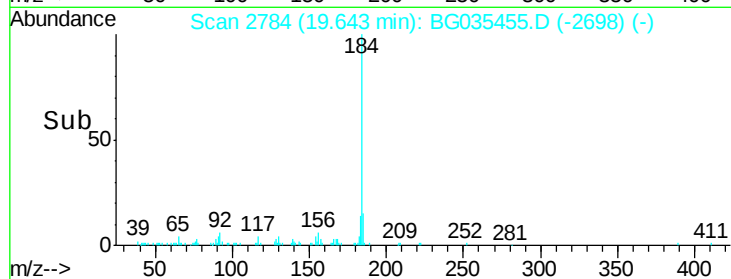
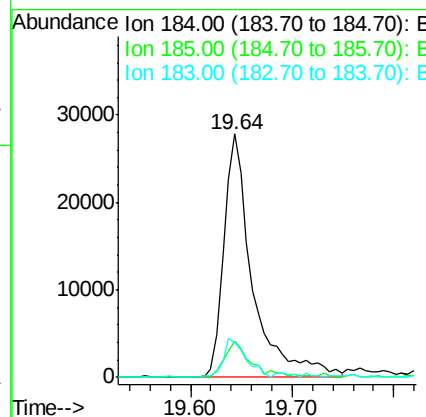
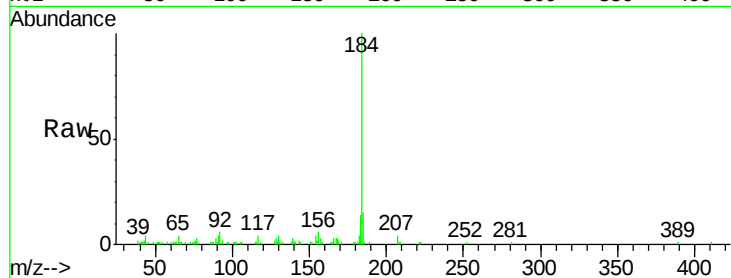




#76
Benzidine
Concen: 4.287 ng
RT: 19.64 min Scan# 2784
Delta R.T. -0.02 min
Lab File: BG035455.D
Acq: 27 Jun 2018 21:29

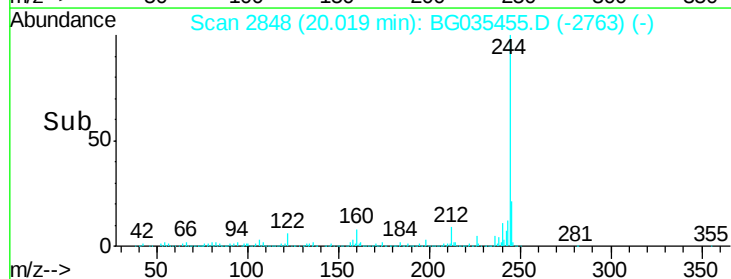
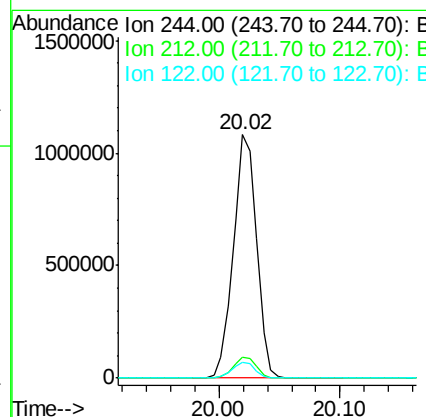
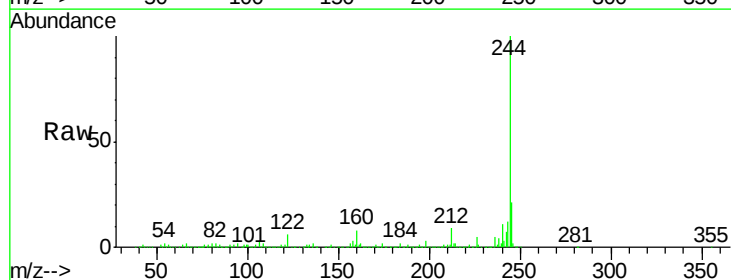
Instrument :
BNA_G
ClientSampled :
RO-1-5

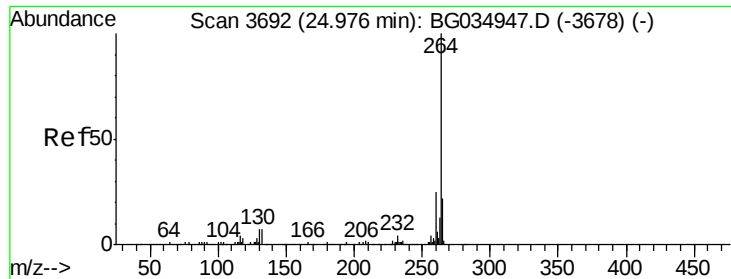
Tgt Ion:184 Resp: 54575
Ion Ratio Lower Upper
184 100
185 15.1 11.1 16.7
183 14.2 10.6 16.0



#78
Terphenyl-d14
Concen: 88.876 ng
RT: 20.02 min Scan# 2848
Delta R.T. -0.03 min
Lab File: BG035455.D
Acq: 27 Jun 2018 21:29

Tgt Ion:244 Resp: 1451906
Ion Ratio Lower Upper
244 100
212 8.8 5.8 8.8#
122 6.4 7.0 10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.90 min Scan# 3679
Delta R.T. -0.05 min
Lab File: BG035455.D
Acq: 27 Jun 2018 21:29

Instrument :
BNA_G
ClientSampleId :
RO-1-5

Tgt Ion:	264	Resp:	312551
Ion	Ratio	Lower	Upper
264	100		
260	22.5	17.4	26.0
265	23.6	17.7	26.5

