

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072518\
 Data File : BG035878.D
 Acq On : 25 Jul 2018 17:49
 Operator : JU/SJ
 Sample : J4123-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RO-1-3

Quant Time: Jul 26 01:39:00 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 25 11:04:14 2018
 Response via : Initial Calibration

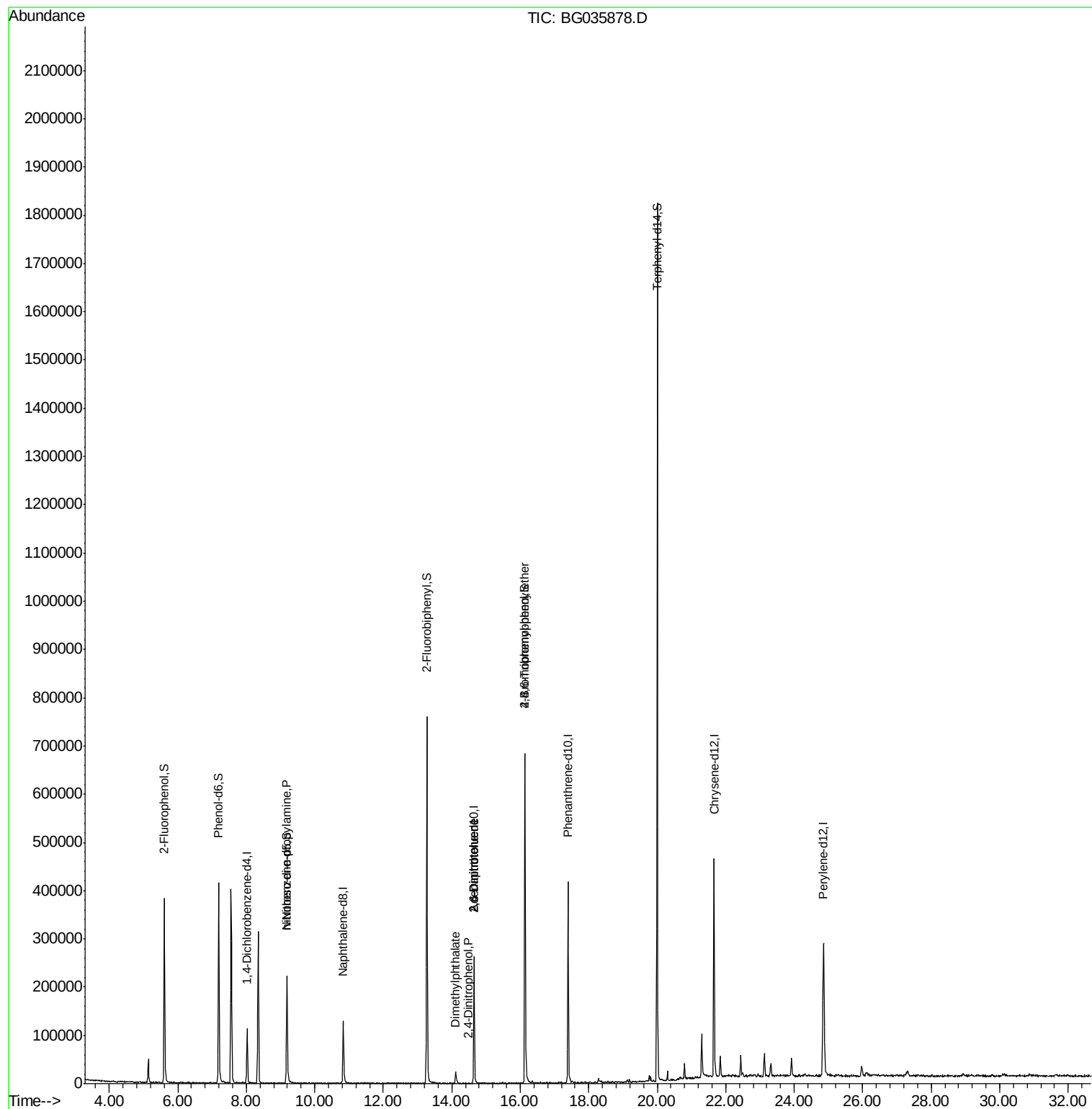
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	31360	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	122159	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	97407	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	295623	20.00	ng	0.00
75) Chrysene-d12	21.66	240	307813	20.00	ng	0.00
86) Perylene-d12	24.86	264	290917	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	180483	95.55	ng	0.00
7) Phenol-d6	7.19	99	266505	94.57	ng	0.00
23) Nitrobenzene-d5	9.19	82	169010	57.80	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	135580	105.60	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	447287	61.52	ng	0.00
78) Terphenyl-d14	20.00	244	885723	63.43	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.19	70	23512	9.907	ng	# 67
49) Dimethylphthalate	14.11	163	25769	3.019	ng	# 97
50) 2,6-Dinitrotoluene	14.65	165	13902	7.999	ng	# 20
53) 2,4-Dinitrophenol	14.48	184	58	6.642	ng	# 1
56) 2,4-Dinitrotoluene	14.65	165	13902	5.576	ng	# 18
66) 4-Bromophenyl-phenylether	16.14	248	10614	3.095	ng	# 1

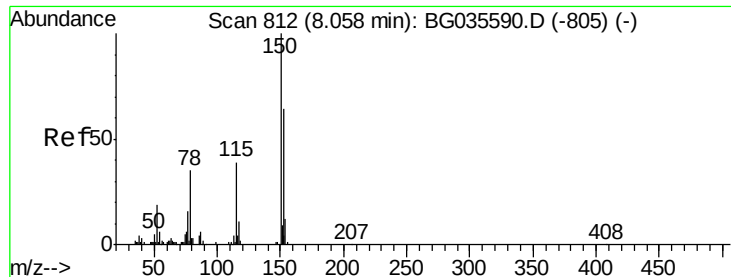
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 26 01:39:00 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 25 11:04:14 2018
Response via : Initial Calibration



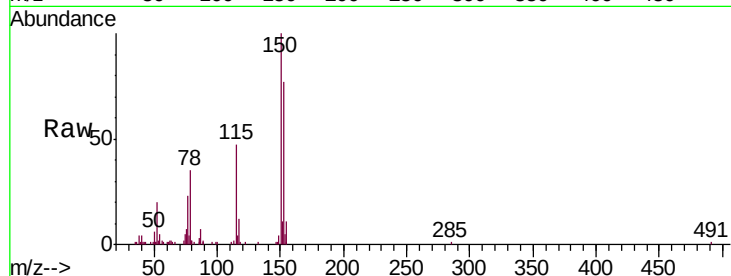


#1

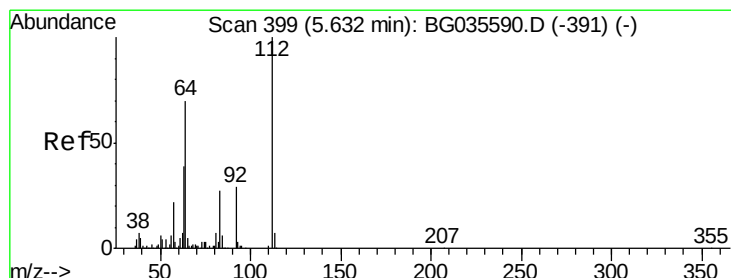
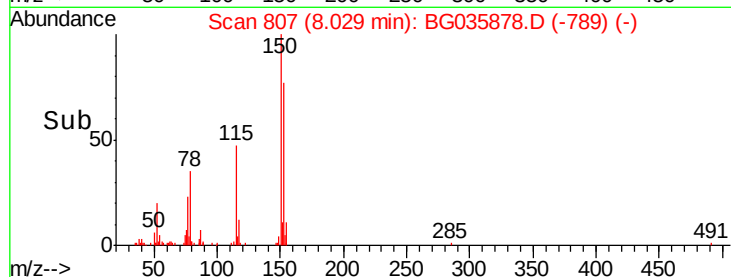
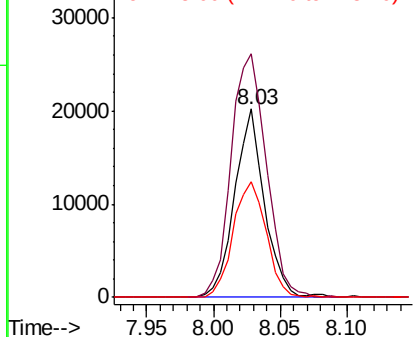
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. 0.00 min
Lab File: BG035878.D
Acq: 25 Jul 2018 17:49

Instrument :
BNA_G
ClientSampleId :
RO-1-3

Tgt Ion:152 Resp: 31360
Ion Ratio Lower Upper
152 100
150 129.2 126.6 189.8
115 61.2 53.0 79.4



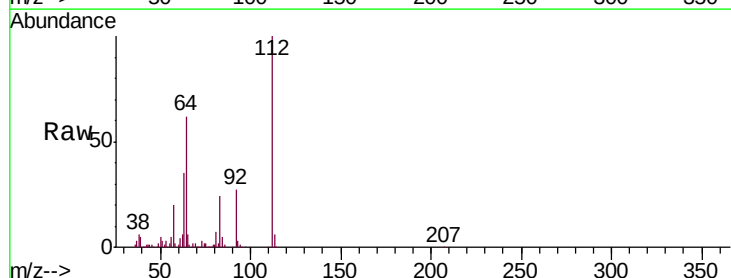
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



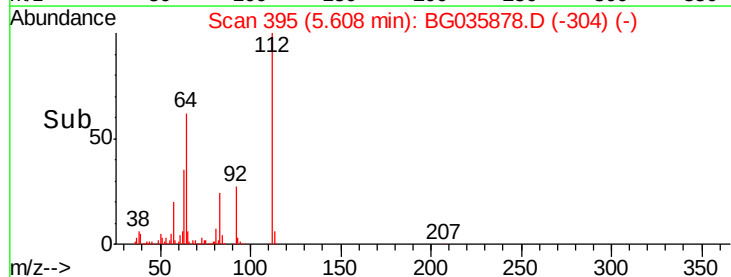
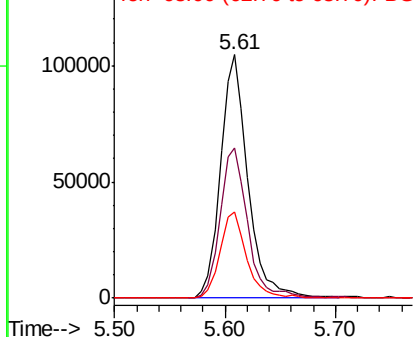
#5

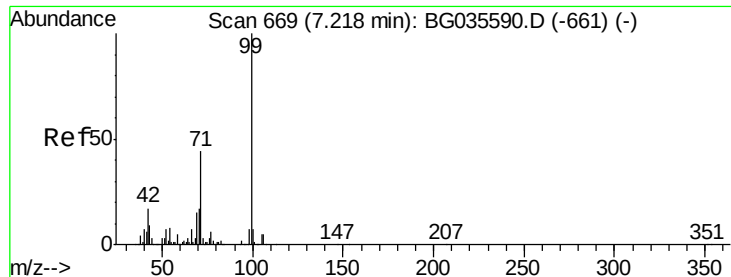
2-Fluorophenol
Concen: 95.550 ng
RT: 5.61 min Scan# 395
Delta R.T. 0.00 min
Lab File: BG035878.D
Acq: 25 Jul 2018 17:49

Tgt Ion:112 Resp: 180483
Ion Ratio Lower Upper
112 100
64 61.8 56.3 84.5
63 35.2 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: 94.566 ng

RT: 7.19 min Scan# 665

Delta R.T. -0.00 min

Lab File: BG035878.D

Acq: 25 Jul 2018 17:49

Instrument :

BNA_G

ClientSampleId :

RO-1-3

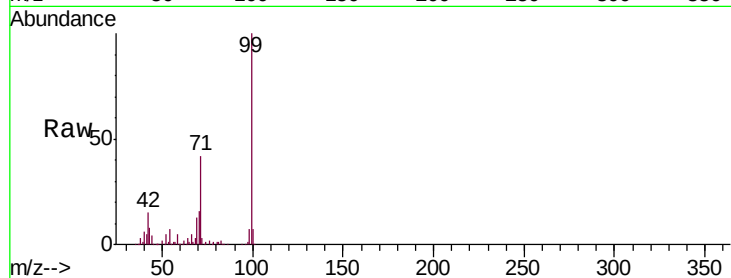
Tgt Ion: 99 Resp: 266505

Ion Ratio Lower Upper

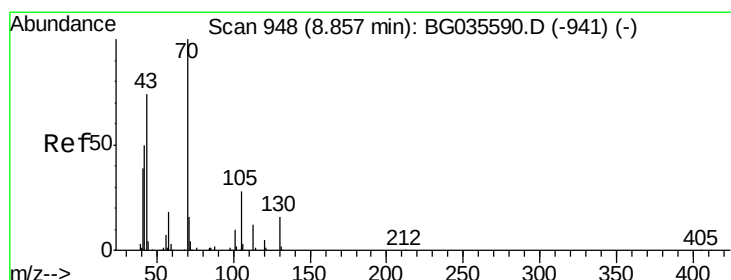
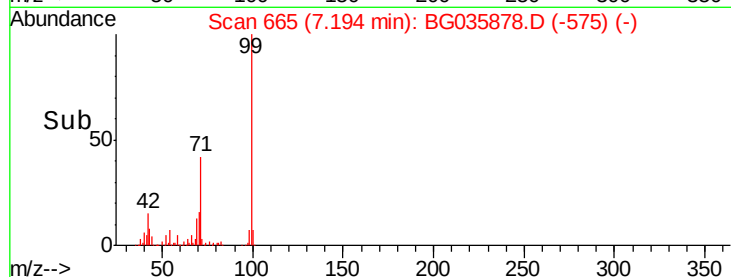
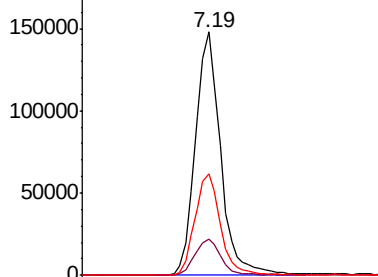
99 100

42 15.1 14.1 21.1

71 41.9 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: 9.907 ng

RT: 9.19 min Scan# 1004

Delta R.T. 0.36 min

Lab File: BG035878.D

Acq: 25 Jul 2018 17:49

Tgt Ion: 70 Resp: 23512

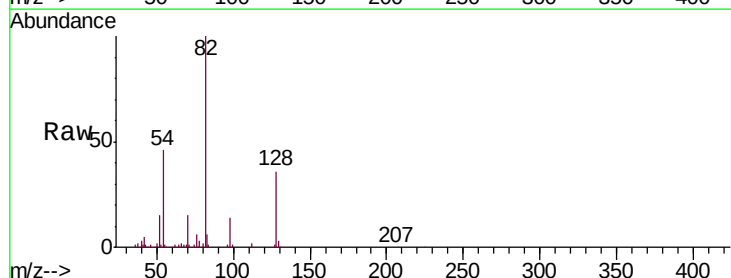
Ion Ratio Lower Upper

70 100

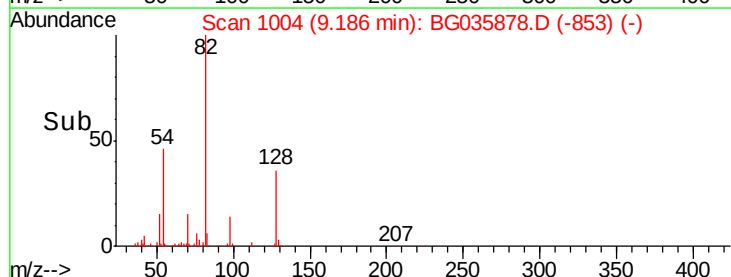
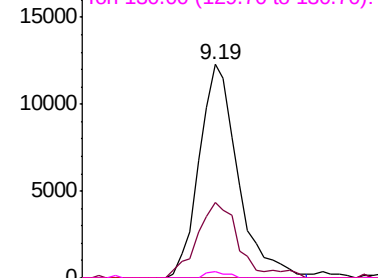
42 35.6 49.1 73.7#

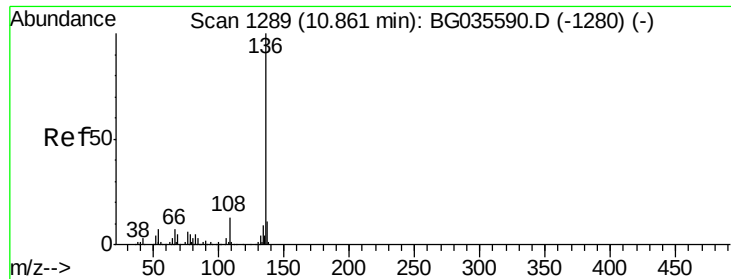
101 0.0 8.5 12.7#

130 3.2 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

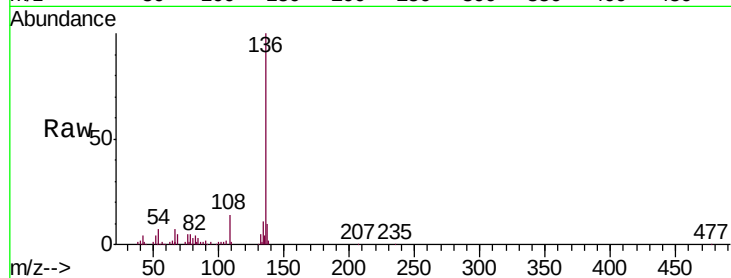




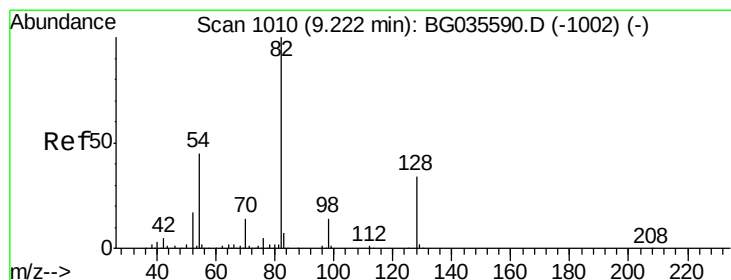
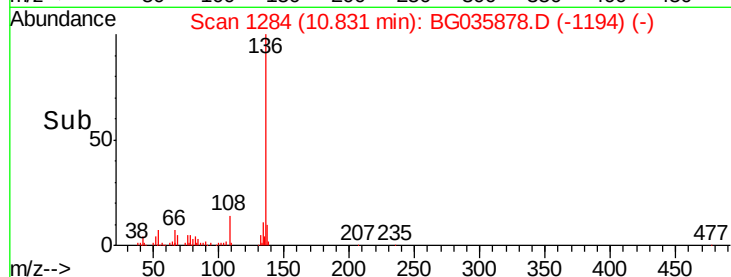
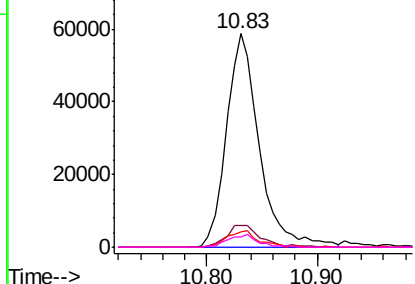
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BG035878.D
Acq: 25 Jul 2018 17:49

Instrument :
BNA_G
ClientSampleId :
RO-1-3

Tgt Ion:	136	Resp:	122159
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.2	13.8
54	7.2	10.3	15.5#
68	4.7	4.5	6.7

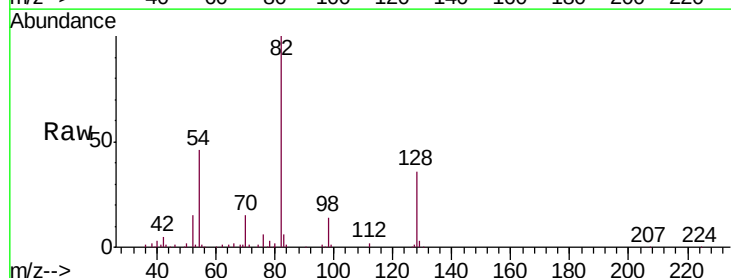


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

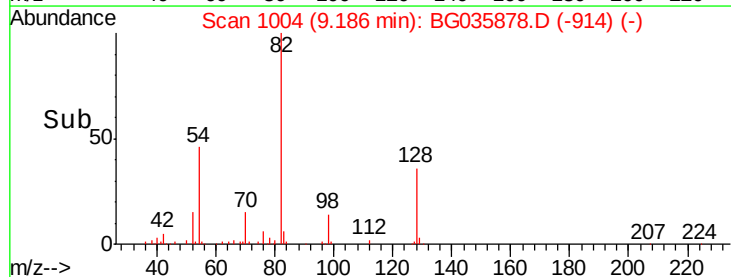
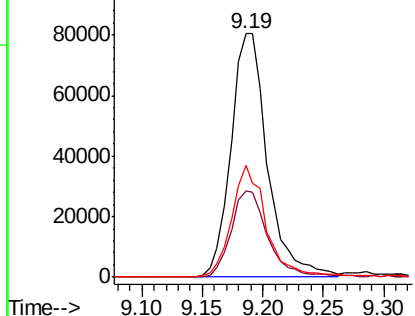


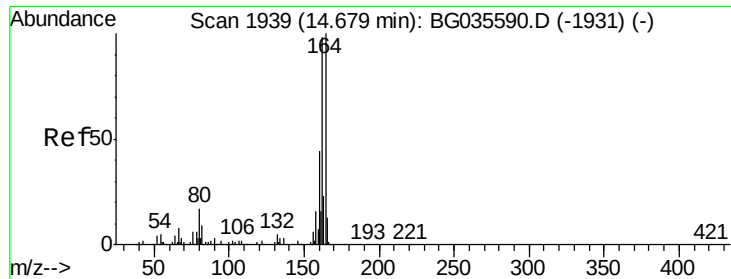
#23
Nitrobenzene-d5
Concen: 57.796 ng
RT: 9.19 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BG035878.D
Acq: 25 Jul 2018 17:49

Tgt Ion:	82	Resp:	169010
Ion	Ratio	Lower	Upper
82	100		
128	35.6	29.7	44.5
54	45.7	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: 14.65 min Scan# 1934

Delta R.T. -0.00 min

Lab File: BG035878.D

Acq: 25 Jul 2018 17:49

Instrument :

BNA_G

ClientSampleId :

RO-1-3

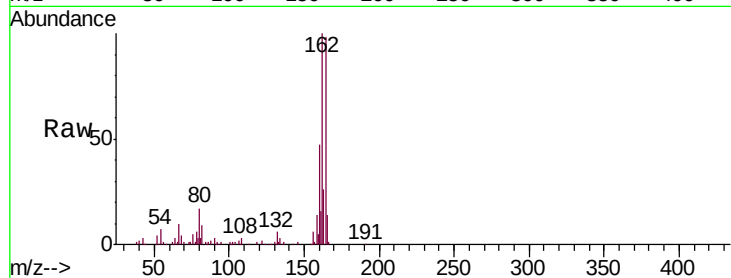
Tgt Ion:164 Resp: 97407

Ion Ratio Lower Upper

164 100

162 102.1 78.8 118.2

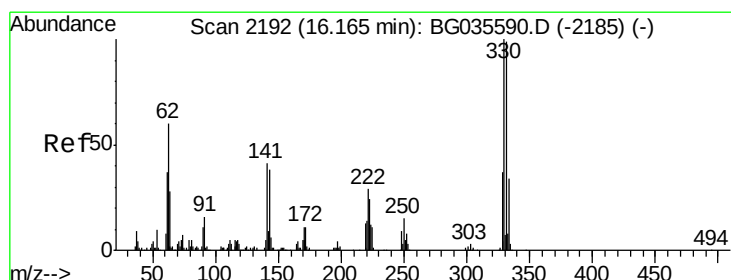
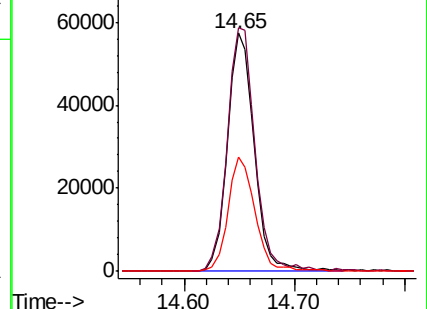
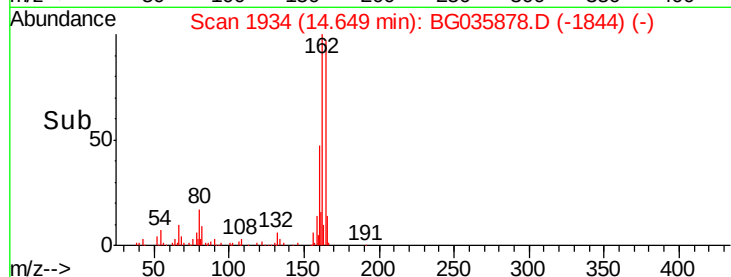
160 48.0 35.4 53.0



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: 105.601 ng

RT: 16.14 min Scan# 2188

Delta R.T. -0.00 min

Lab File: BG035878.D

Acq: 25 Jul 2018 17:49

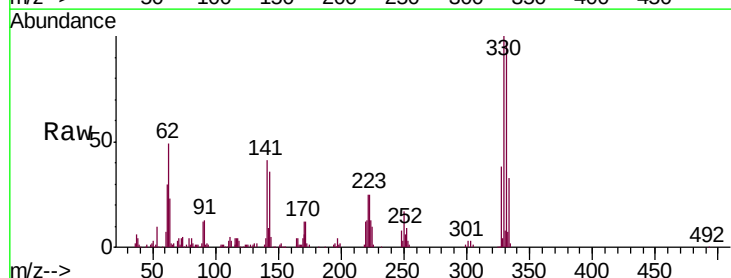
Tgt Ion:330 Resp: 135580

Ion Ratio Lower Upper

330 100

332 97.6 77.0 115.6

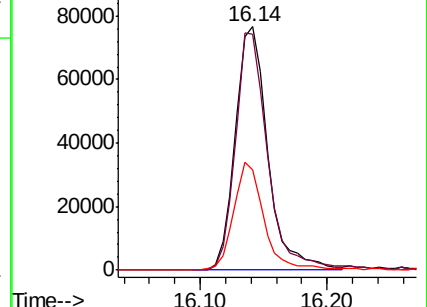
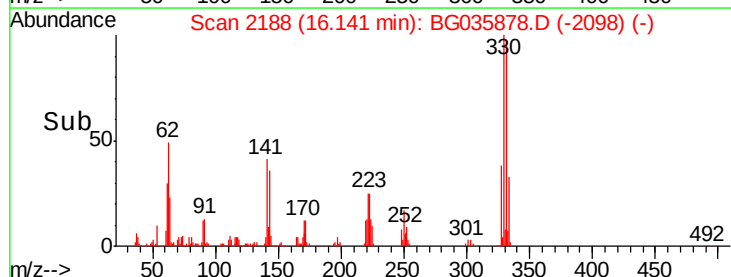
141 40.7 25.2 37.8#

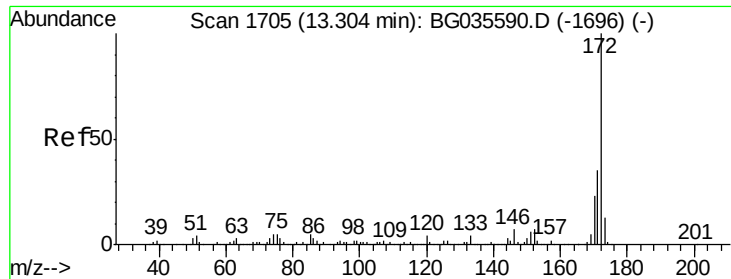


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

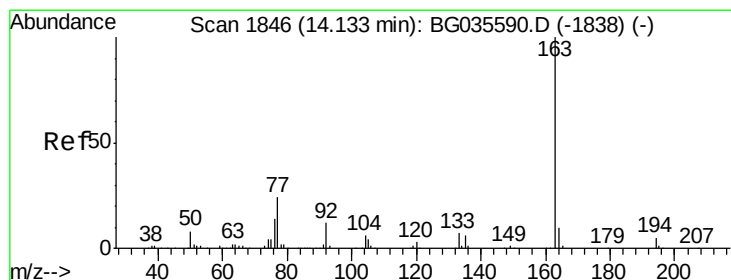
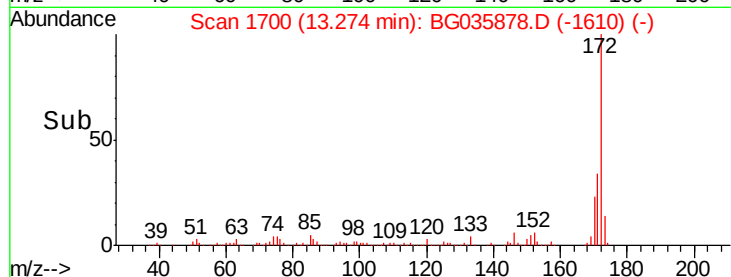
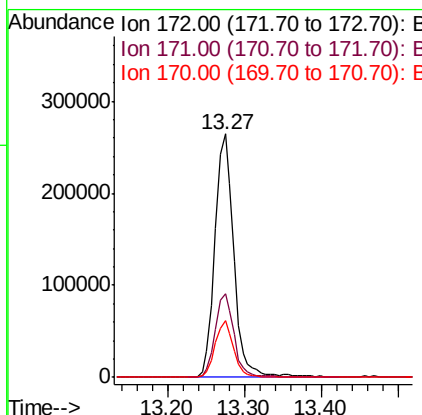
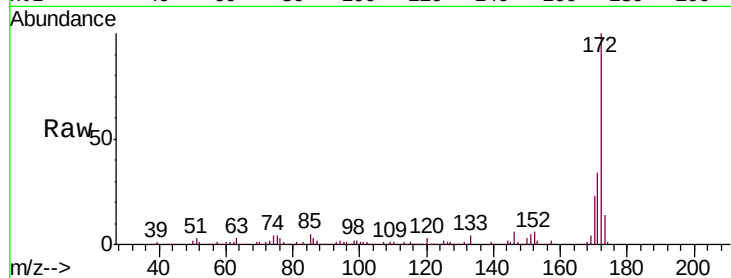




#44
2-Fluorobiphenyl
Concen: 61.520 ng
RT: 13.27 min Scan# 1700
Delta R.T. -0.00 min
Lab File: BG035878.D
Acq: 25 Jul 2018 17:49

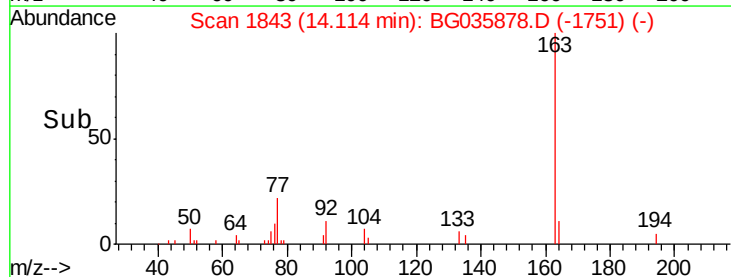
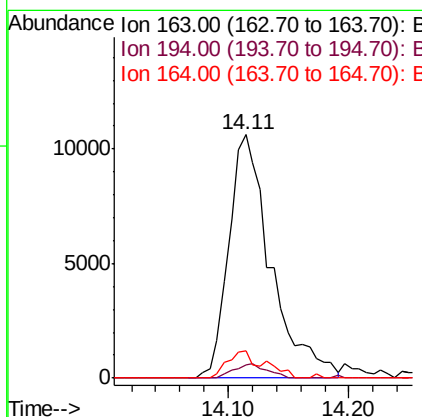
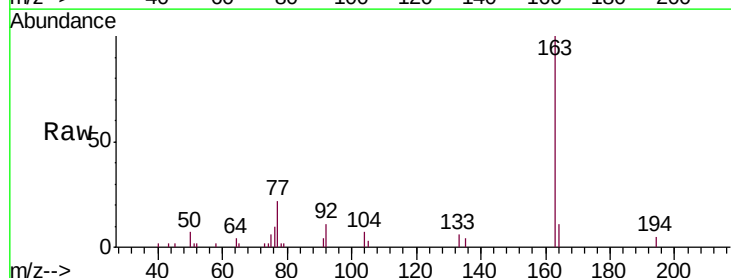
Instrument :
BNA_G
ClientSampleId :
RO-1-3

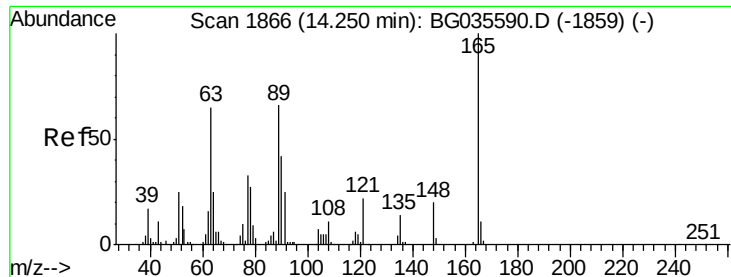
Tgt Ion:172 Resp: 447287
Ion Ratio Lower Upper
172 100
171 34.1 30.0 45.0
170 23.1 19.5 29.3



#49
Dimethylphthalate
Concen: 3.019 ng
RT: 14.11 min Scan# 1843
Delta R.T. 0.01 min
Lab File: BG035878.D
Acq: 25 Jul 2018 17:49

Tgt Ion:163 Resp: 25769
Ion Ratio Lower Upper
163 100
194 5.3 3.4 5.2#
164 11.3 8.2 12.4

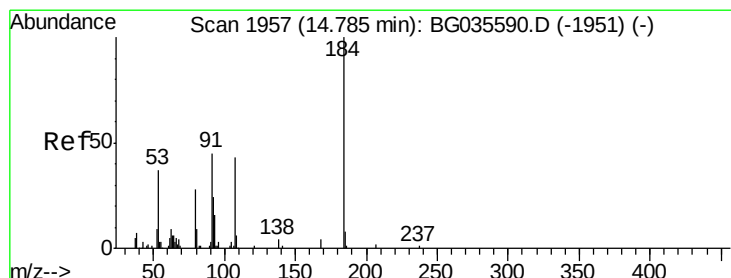
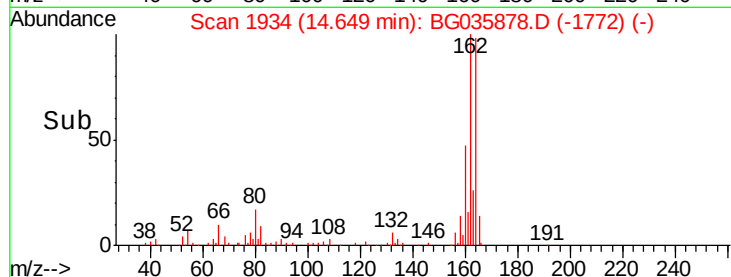
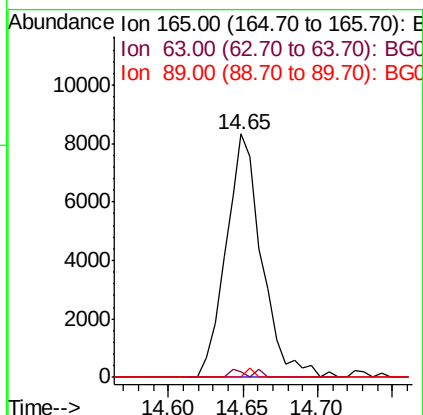
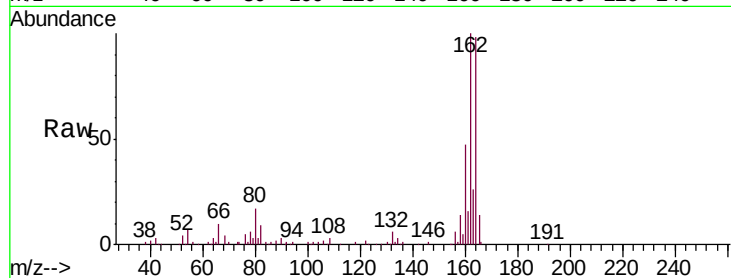




#50
 2,6-Dinitrotoluene
 Concen: 7.999 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. 0.42 min
 Lab File: BG035878.D
 Acq: 25 Jul 2018 17:49

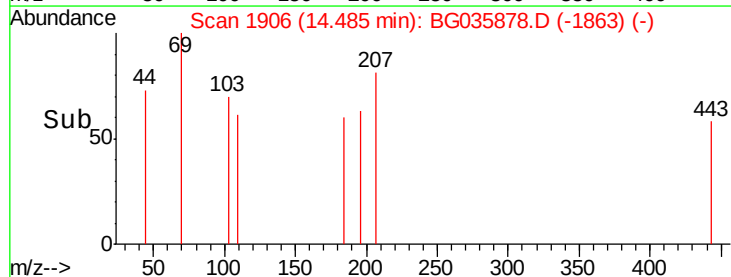
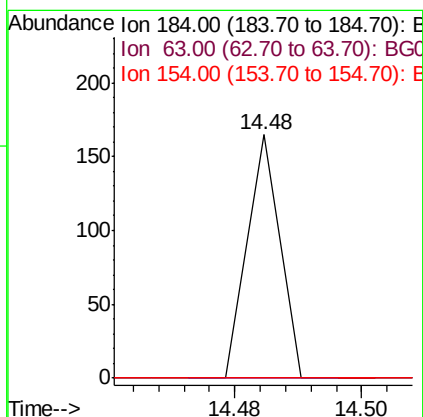
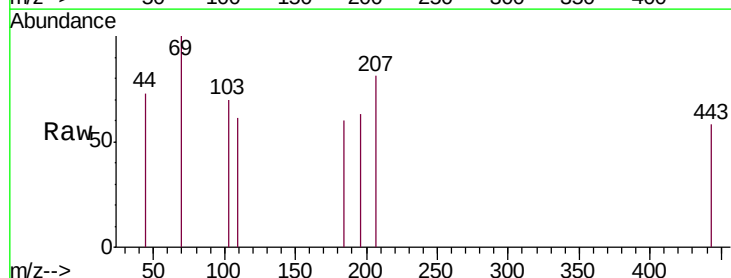
Instrument :
 BNA_G
 ClientSampleId :
 RO-1-3

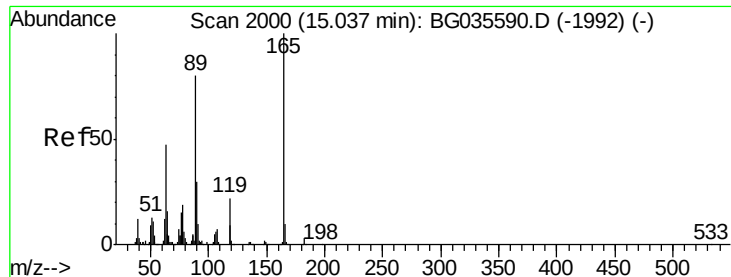
Tgt Ion:165 Resp: 13902
 Ion Ratio Lower Upper
 165 100
 63 2.5 52.7 79.1#
 89 0.0 49.2 73.8#



#53
 2,4-Dinitrophenol
 Concen: 6.642 ng
 RT: 14.48 min Scan# 1906
 Delta R.T. -0.28 min
 Lab File: BG035878.D
 Acq: 25 Jul 2018 17:49

Tgt Ion:184 Resp: 58
 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: 5.576 ng

RT: 14.65 min Scan# 1934

Delta R.T. -0.37 min

Lab File: BG035878.D

Acq: 25 Jul 2018 17:49

Instrument :

BNA_G

ClientSampleId :

RO-1-3

Tgt Ion:165 Resp: 13902

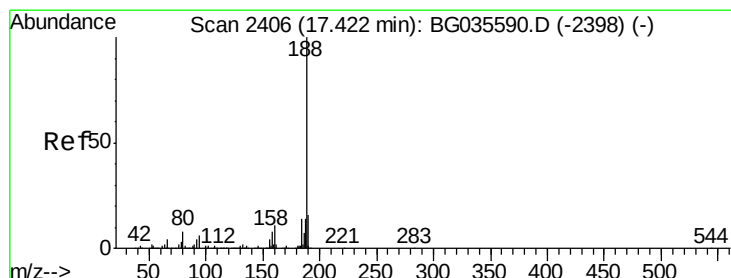
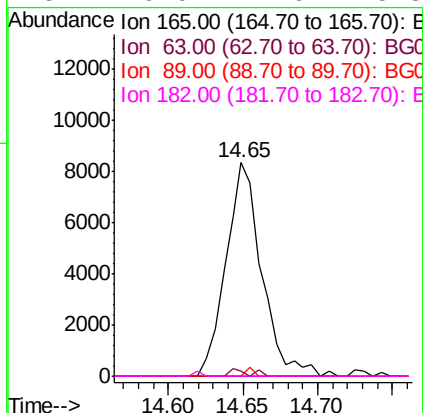
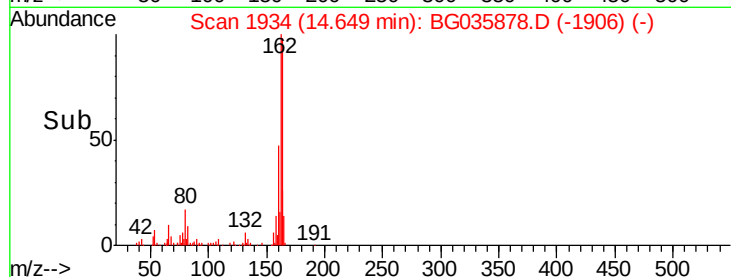
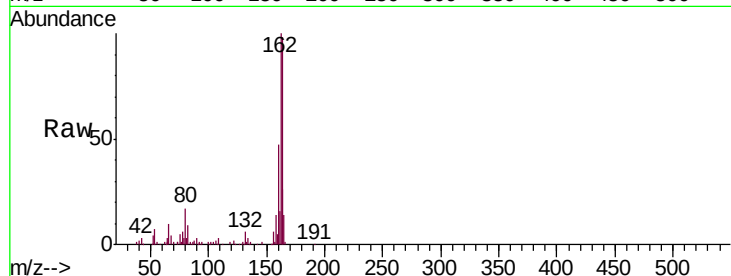
Ion Ratio Lower Upper

165 100

63 2.5 42.0 63.0#

89 0.0 66.9 100.3#

182 0.0 2.6 3.8#



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2401

Delta R.T. -0.00 min

Lab File: BG035878.D

Acq: 25 Jul 2018 17:49

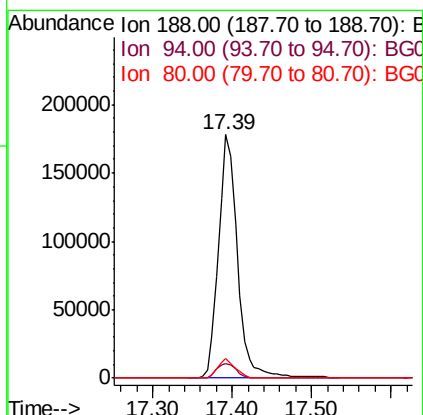
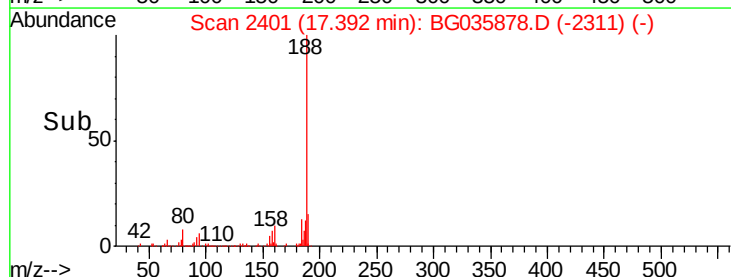
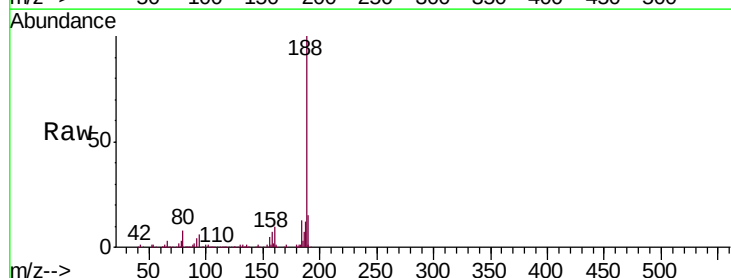
Tgt Ion:188 Resp: 295623

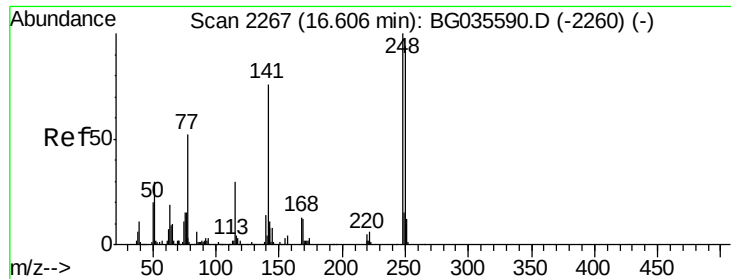
Ion Ratio Lower Upper

188 100

94 6.0 6.9 10.3#

80 7.9 7.7 11.5

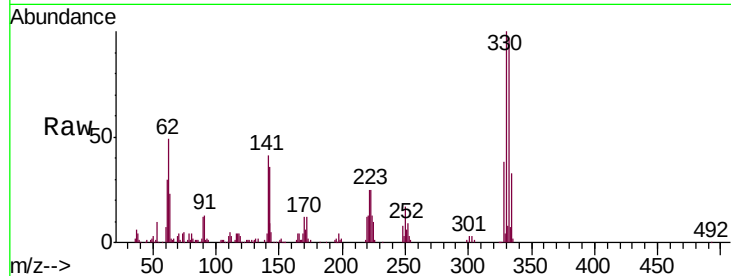




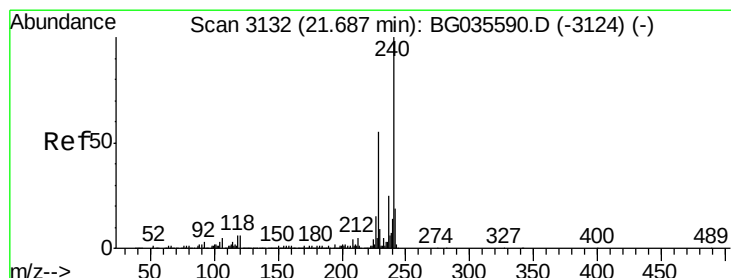
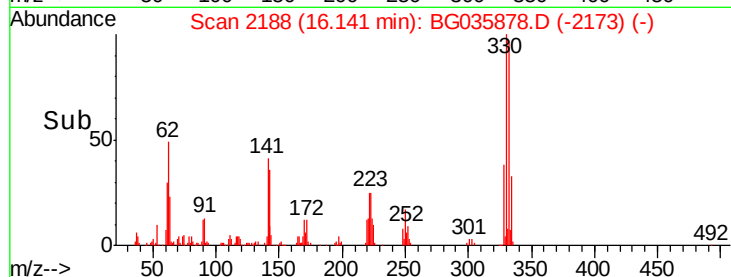
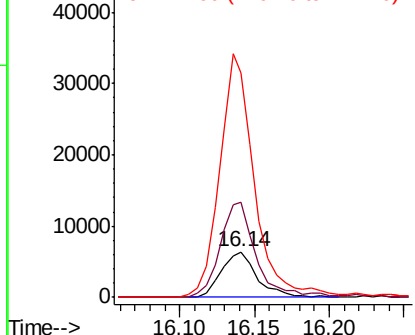
#66
 4-Bromophenyl-phenylether
 Concen: 3.095 ng
 RT: 16.14 min Scan# 2188
 Delta R.T. -0.44 min
 Lab File: BG035878.D
 Acq: 25 Jul 2018 17:49

Instrument :
 BNA_G
 ClientSampleId :
 RO-1-3

Tgt Ion:248 Resp: 10614
 Ion Ratio Lower Upper
 248 100
 250 206.3 77.1 115.7#
 141 490.9 50.8 76.2#

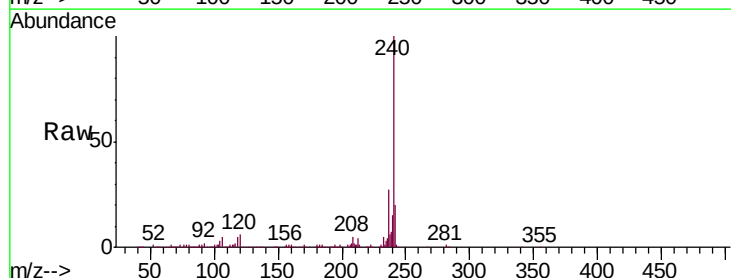


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

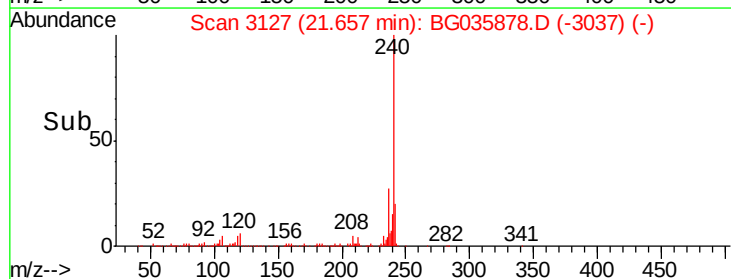
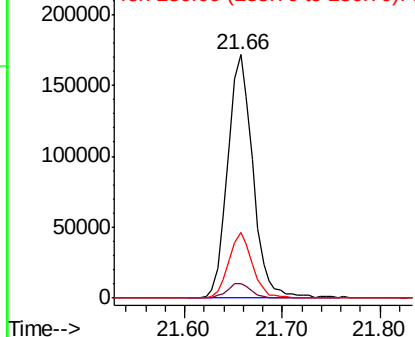


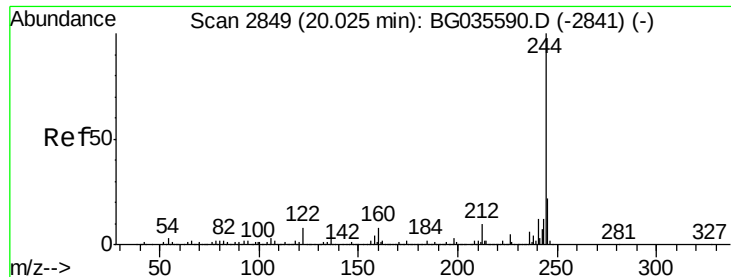
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.66 min Scan# 3127
 Delta R.T. -0.00 min
 Lab File: BG035878.D
 Acq: 25 Jul 2018 17:49

Tgt Ion:240 Resp: 307813
 Ion Ratio Lower Upper
 240 100
 120 6.1 6.8 10.2#
 236 27.0 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: 63.428 ng

RT: 20.00 min Scan# 2845

Delta R.T. -0.00 min

Lab File: BG035878.D

Acq: 25 Jul 2018 17:49

Instrument :

BNA_G

ClientSampleId :

RO-1-3

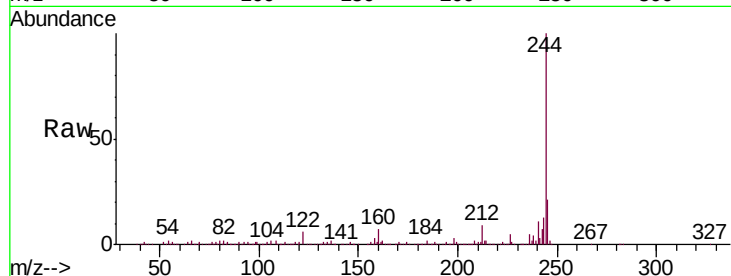
Tgt Ion:244 Resp: 885723

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

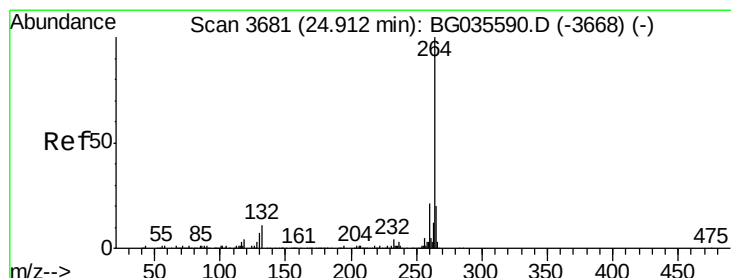
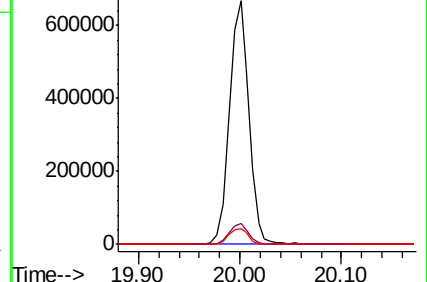
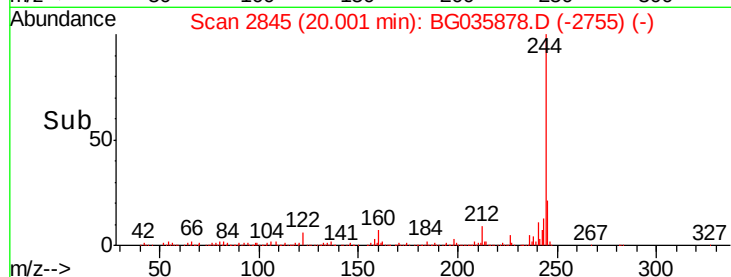
122 6.3 7.0 10.4#



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: 24.86 min Scan# 3672

Delta R.T. -0.00 min

Lab File: BG035878.D

Acq: 25 Jul 2018 17:49

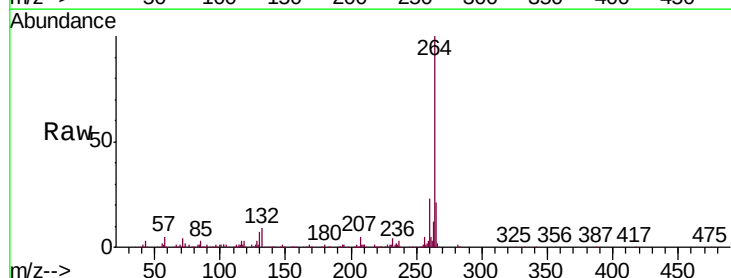
Tgt Ion:264 Resp: 290917

Ion Ratio Lower Upper

264 100

260 23.3 17.4 26.0

265 20.6 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

