

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072518\
 Data File : BG035908.D
 Acq On : 26 Jul 2018 14:00
 Operator : JU/SJ
 Sample : J4123-04
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RO-1-3

Quant Time: Jul 26 14:44:25 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

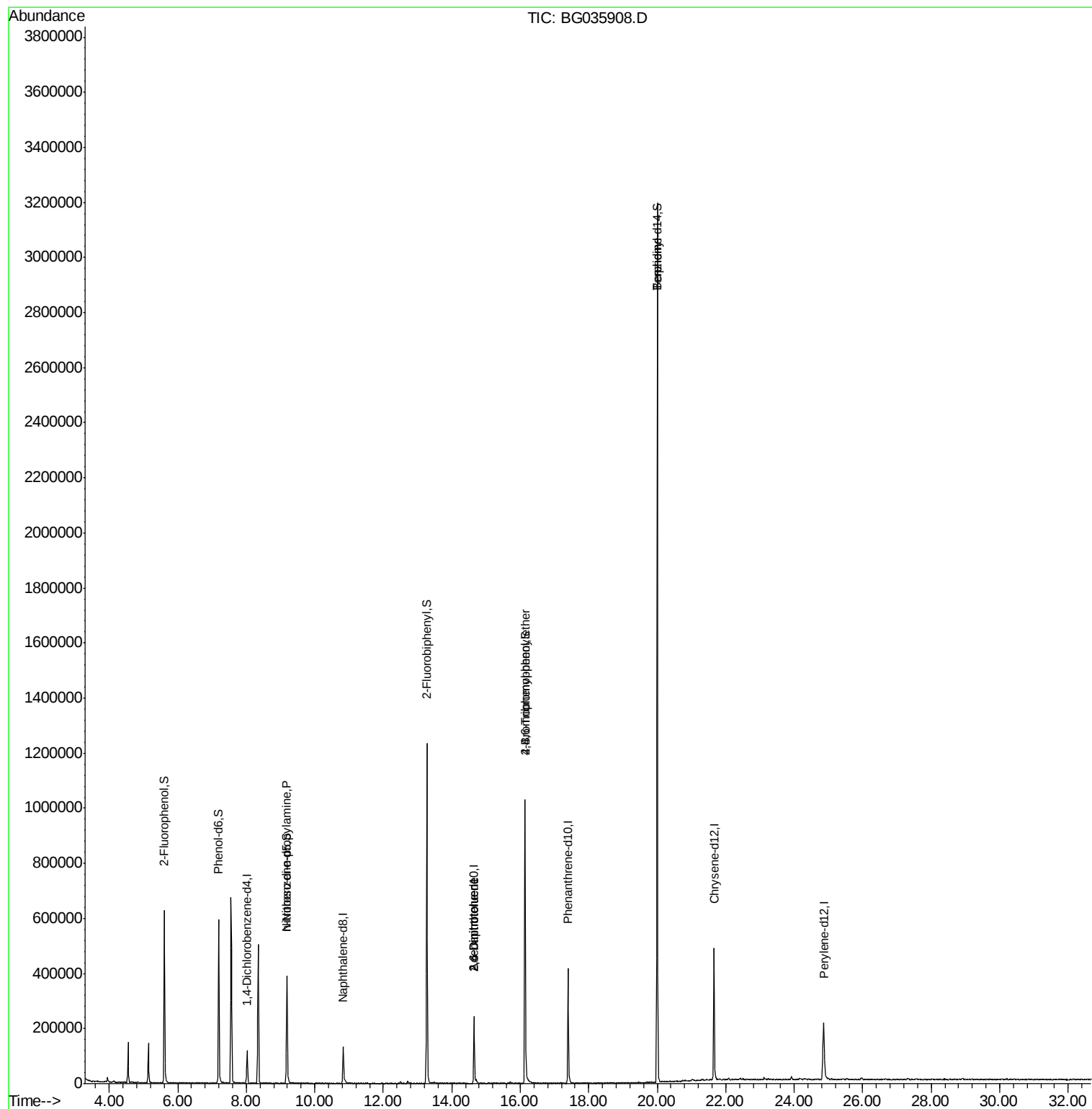
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	33601	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	127762	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	95657	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	294098	20.00	ng	0.00
75) Chrysene-d12	21.66	240	319199	20.00	ng	0.00
86) Perylene-d12	24.86	264	233239	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	271284	134.04	ng	0.00
7) Phenol-d6	7.19	99	361436	119.70	ng	0.00
23) Nitrobenzene-d5	9.19	82	283932	92.84	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	212452	168.50	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	695832	97.46	ng	0.00
78) Terphenyl-d14	20.00	244	1501514	103.69	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.19	70	38207	15.026	ng	# 68
50) 2,6-Dinitrotoluene	14.65	165	12695	7.438	ng	# 18
56) 2,4-Dinitrotoluene	14.65	165	12695	5.185	ng	# 16
66) 4-Bromophenyl-phenylether	16.13	248	17097	5.011	ng	# 1
76) Benzidine	20.00	184	25665	3.058	ng	# 95

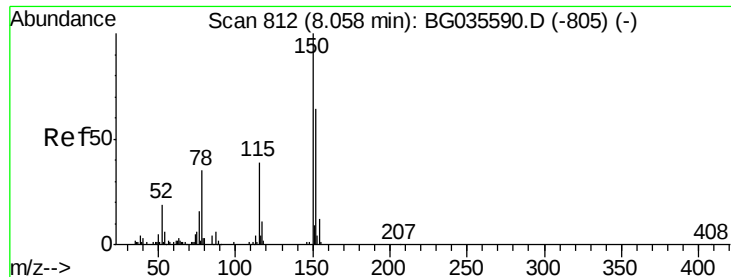
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jul 25 11:04:14 2018
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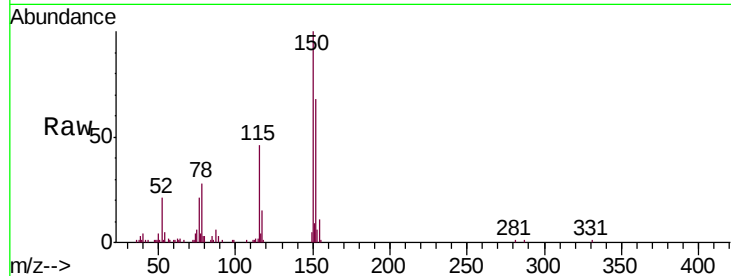


#1

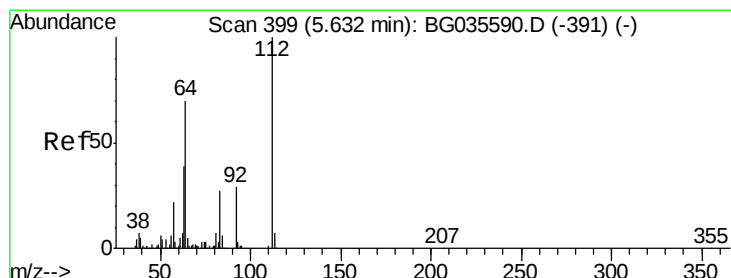
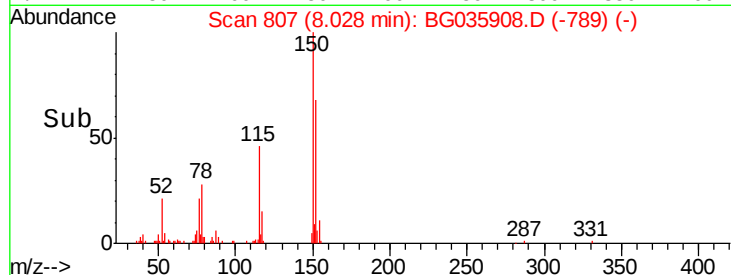
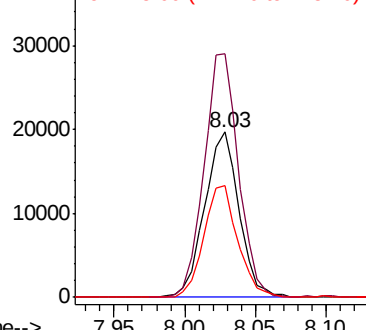
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. 0.00 min
Lab File: BG035908.D
Acq: 26 Jul 2018 14:00

Instrument :
BNA_G
ClientSampleId :
RO-1-3

Tgt Ion:152 Resp: 33601
Ion Ratio Lower Upper
152 100
150 147.4 126.6 189.8
115 67.9 53.0 79.4



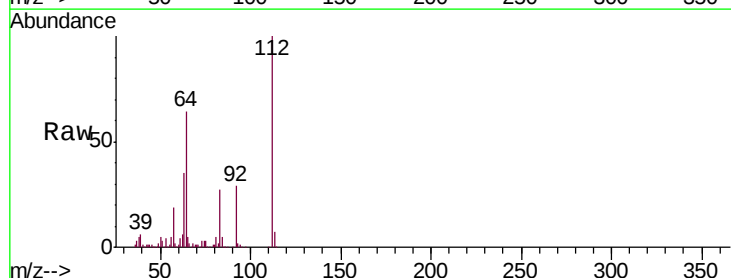
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



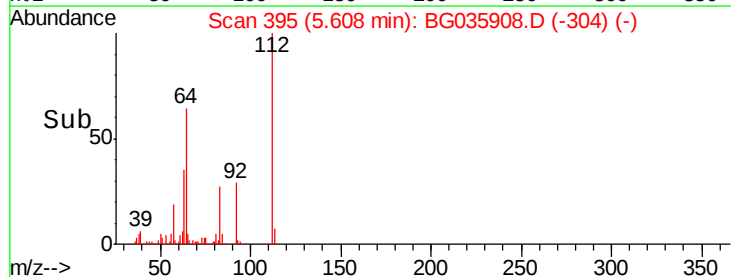
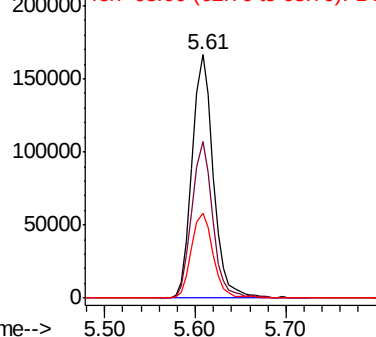
#5

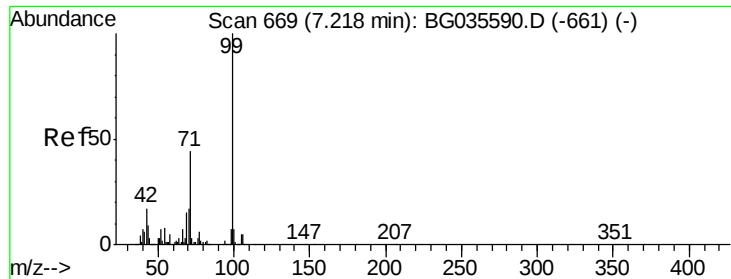
2-Fluorophenol
Concen: 134.042 ng
RT: 5.61 min Scan# 395
Delta R.T. 0.00 min
Lab File: BG035908.D
Acq: 26 Jul 2018 14:00

Tgt Ion:112 Resp: 271284
Ion Ratio Lower Upper
112 100
64 64.1 56.3 84.5
63 34.9 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: 119.697 ng

RT: 7.19 min Scan# 665

Delta R.T. -0.00 min

Lab File: BG035908.D

Acq: 26 Jul 2018 14:00

Instrument :

BNA_G

ClientSampleId :

RO-1-3

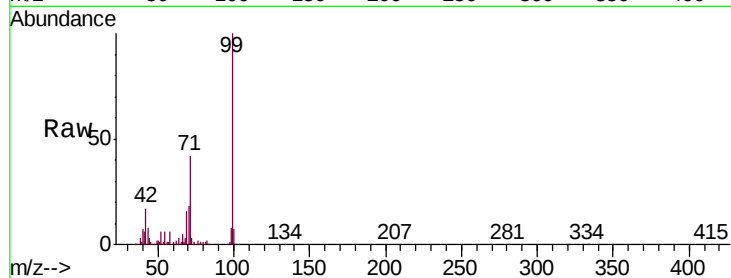
Tgt Ion: 99 Resp: 361436

Ion Ratio Lower Upper

99 100

42 17.1 14.1 21.1

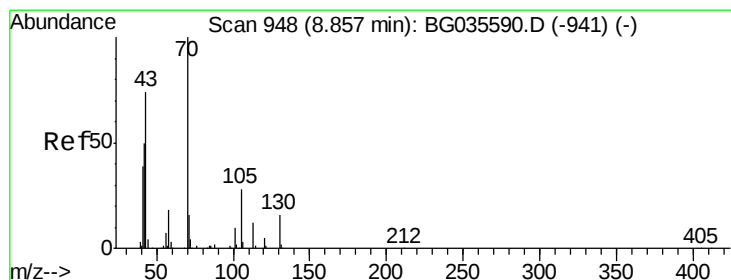
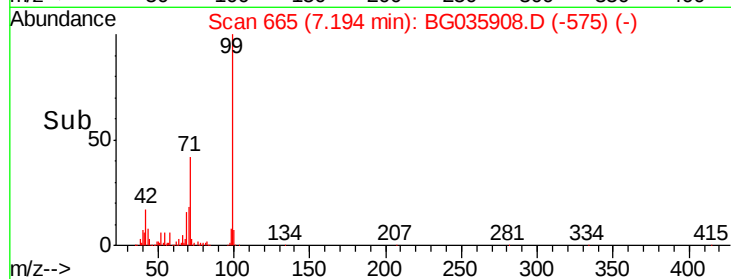
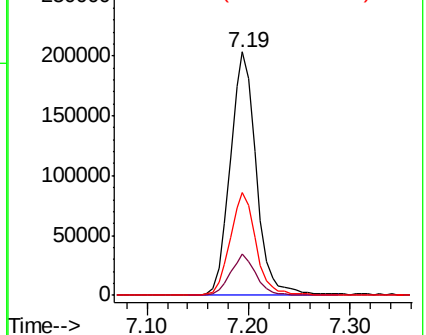
71 42.3 26.1 39.1#



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: 15.026 ng

RT: 9.19 min Scan# 1004

Delta R.T. 0.36 min

Lab File: BG035908.D

Acq: 26 Jul 2018 14:00

Tgt Ion: 70 Resp: 38207

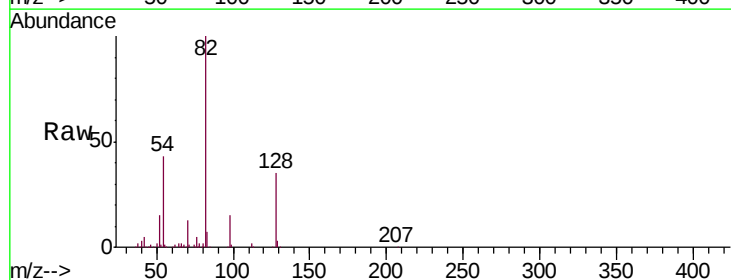
Ion Ratio Lower Upper

70 100

42 36.5 49.1 73.7#

101 0.0 8.5 12.7#

130 2.6 13.4 20.0#

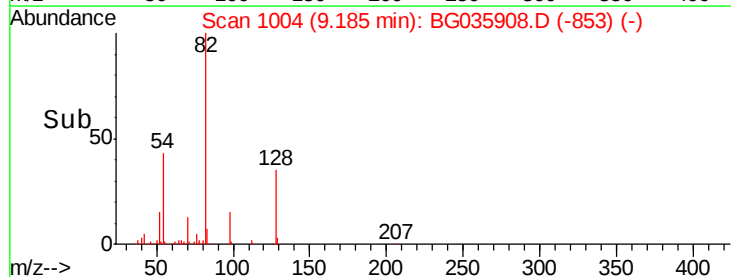
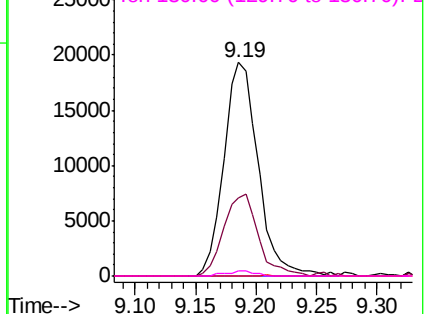


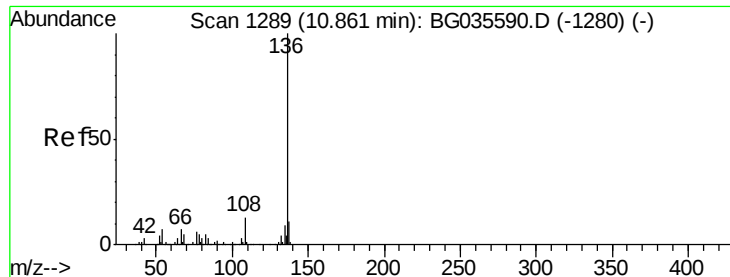
Abundance Ion 70.00 (69.70 to 70.70): BGC

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

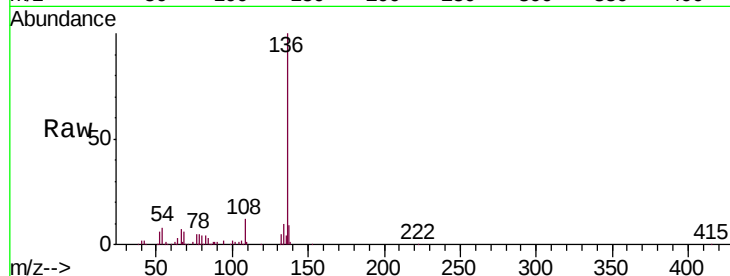




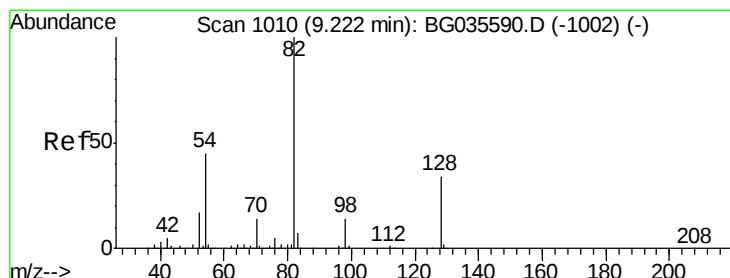
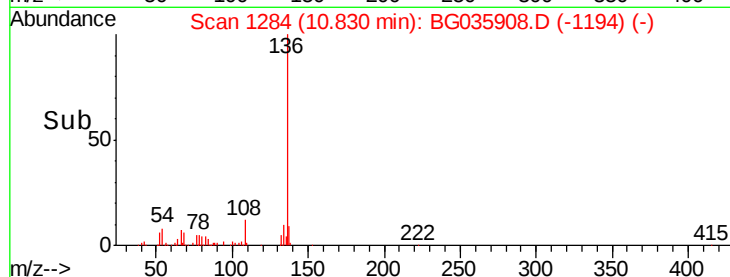
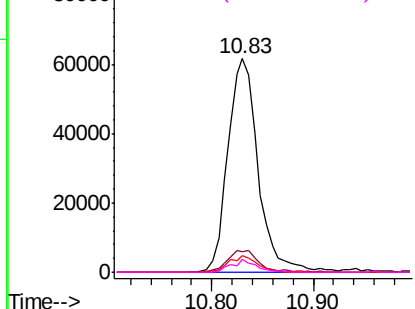
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BG035908.D
Acq: 26 Jul 2018 14:00

Instrument :
BNA_G
ClientSampleId :
RO-1-3

Tgt Ion:	136	Resp:	127762
Ion	Ratio	Lower	Upper
136	100		
137	9.4	9.2	13.8
54	7.5	10.3	15.5#
68	6.1	4.5	6.7

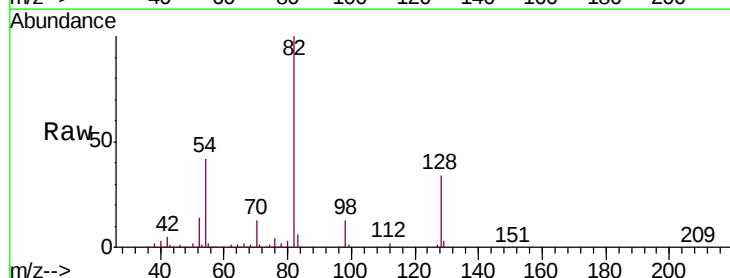


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

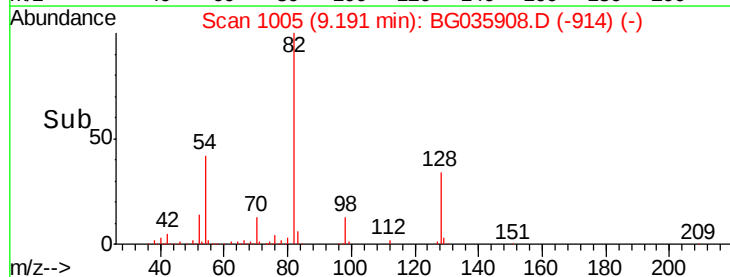
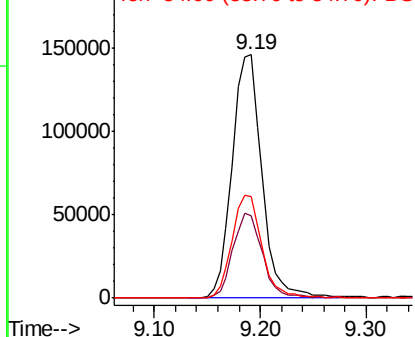


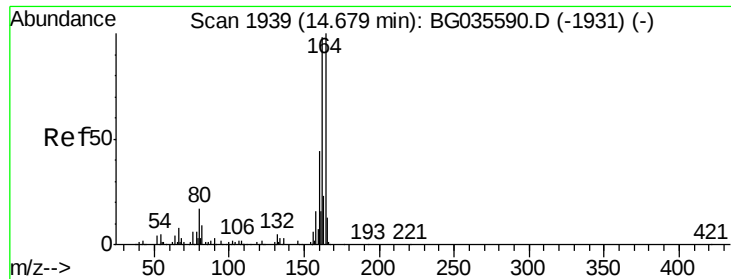
#23
Nitrobenzene-d5
Concen: 92.838 ng
RT: 9.19 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BG035908.D
Acq: 26 Jul 2018 14:00

Tgt Ion:	82	Resp:	283932
Ion	Ratio	Lower	Upper
82	100		
128	33.6	29.7	44.5
54	41.7	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

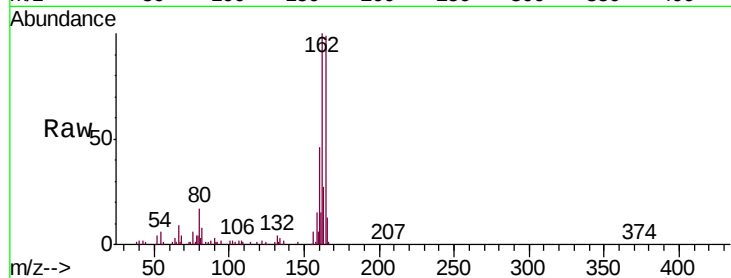




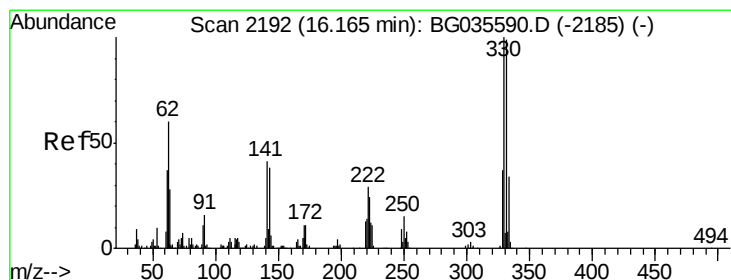
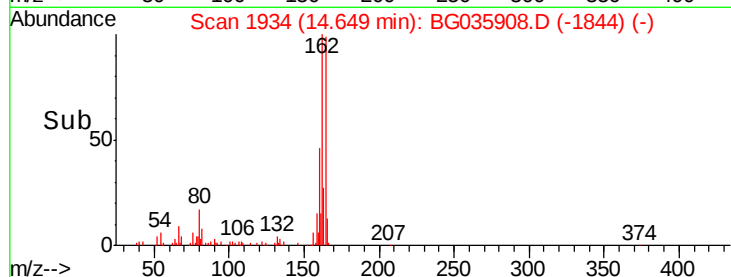
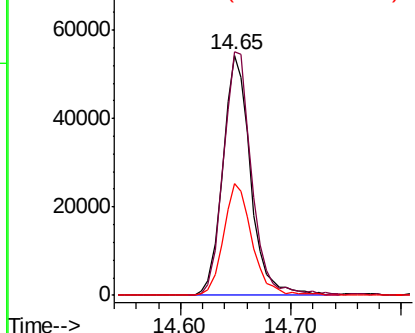
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1934
Delta R.T. -0.00 min
Lab File: BG035908.D
Acq: 26 Jul 2018 14:00

Instrument :
BNA_G
ClientSampleId :
RO-1-3

Tgt Ion:164 Resp: 95657
Ion Ratio Lower Upper
164 100
162 101.3 78.8 118.2
160 46.4 35.4 53.0

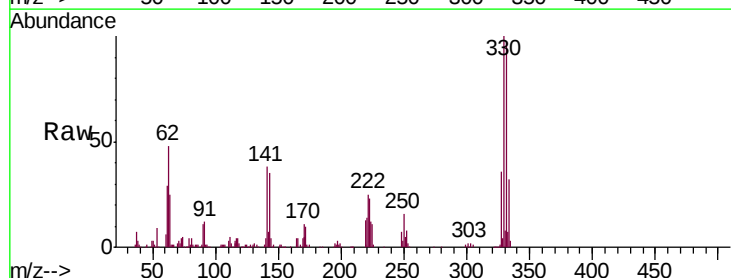


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

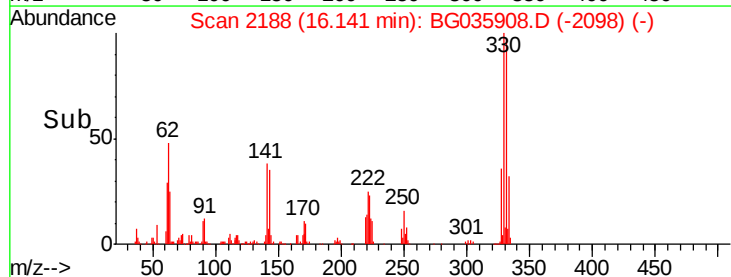
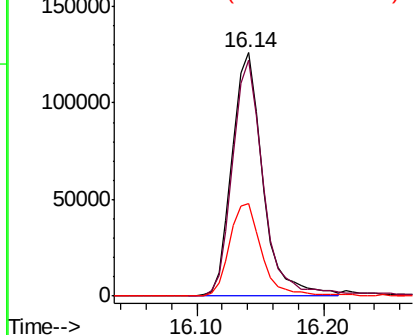


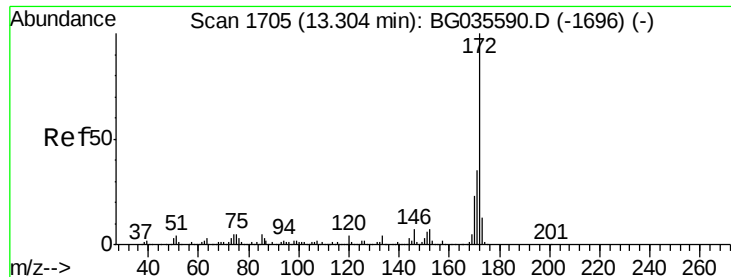
#41
2,4,6-Tribromophenol
Concen: 168.503 ng
RT: 16.14 min Scan# 2188
Delta R.T. -0.00 min
Lab File: BG035908.D
Acq: 26 Jul 2018 14:00

Tgt Ion:330 Resp: 212452
Ion Ratio Lower Upper
330 100
332 98.3 77.0 115.6
141 40.2 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

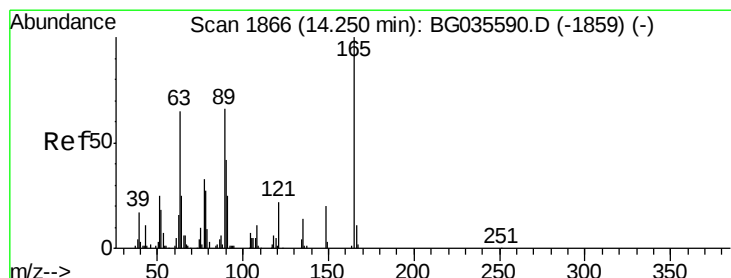
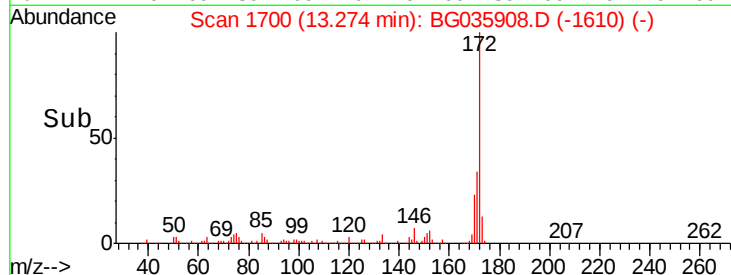
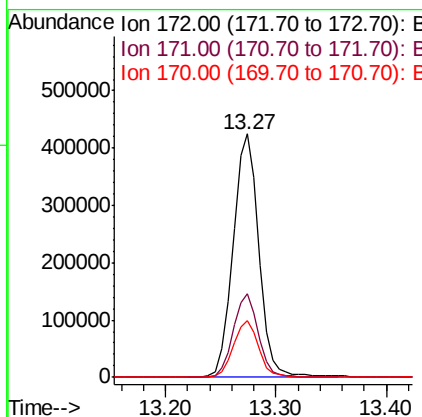
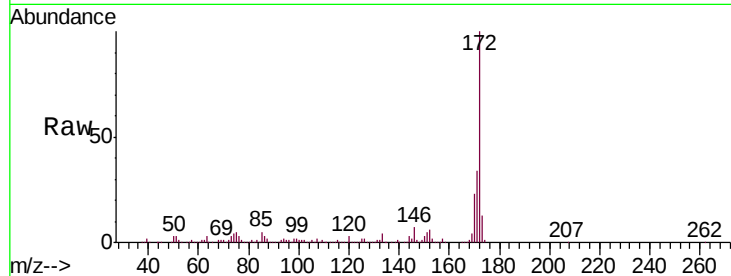




#44
 2-Fluorobiphenyl
 Concen: 97.456 ng
 RT: 13.27 min Scan# 1700
 Delta R.T. -0.00 min
 Lab File: BG035908.D
 Acq: 26 Jul 2018 14:00

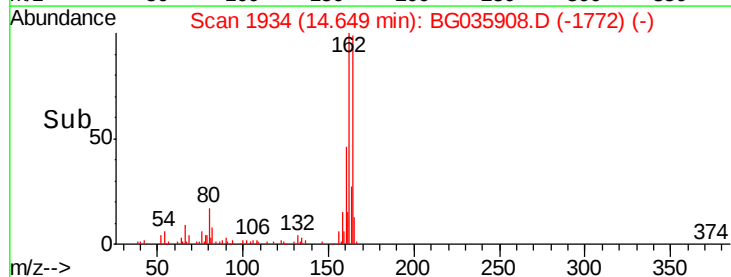
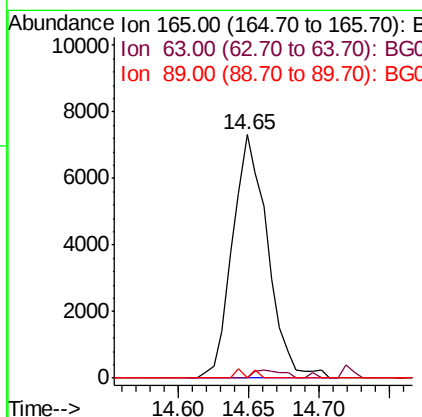
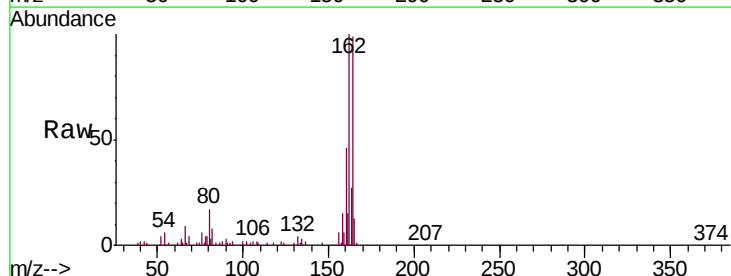
Instrument :
 BNA_G
 ClientSampled :
 RO-1-3

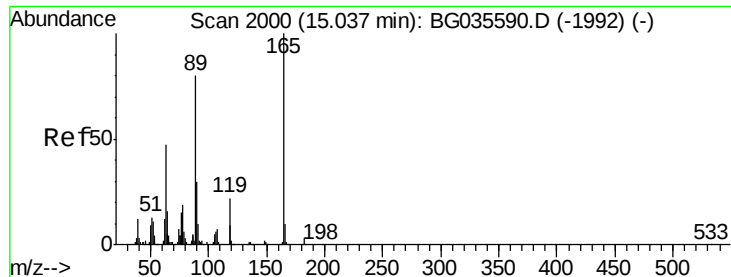
Tgt Ion:172 Resp: 695832
 Ion Ratio Lower Upper
 172 100
 171 34.3 30.0 45.0
 170 23.2 19.5 29.3



#50
 2,6-Dinitrotoluene
 Concen: 7.438 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. 0.42 min
 Lab File: BG035908.D
 Acq: 26 Jul 2018 14:00

Tgt Ion:165 Resp: 12695
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 0.0 49.2 73.8#

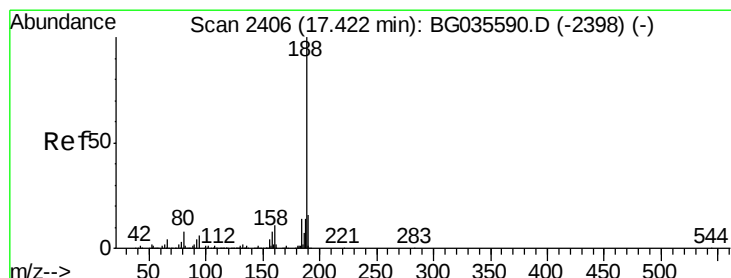
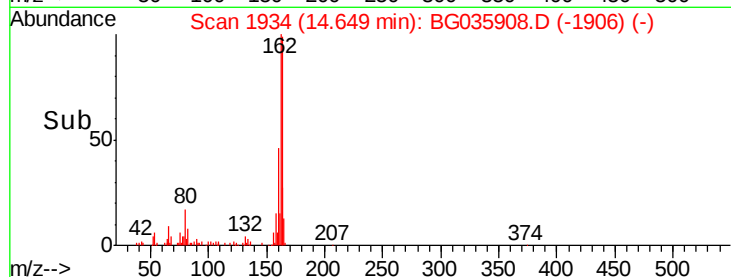
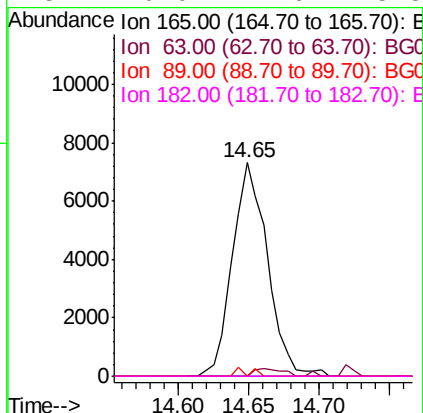
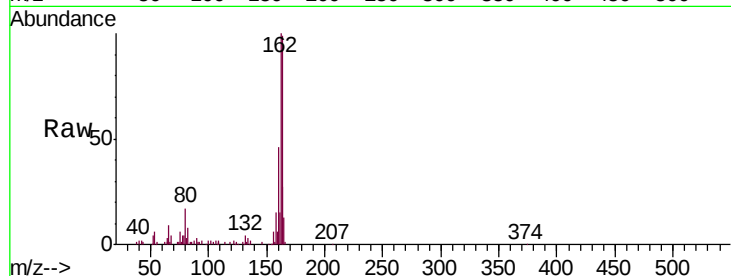




#56
 2,4-Dinitrotoluene
 Concen: 5.185 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. -0.37 min
 Lab File: BG035908.D
 Acq: 26 Jul 2018 14:00

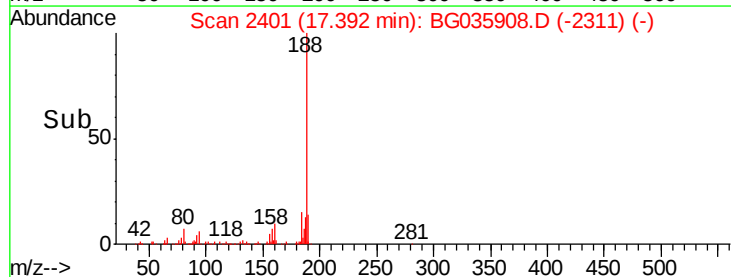
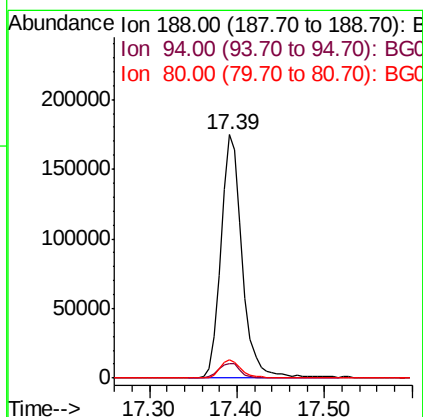
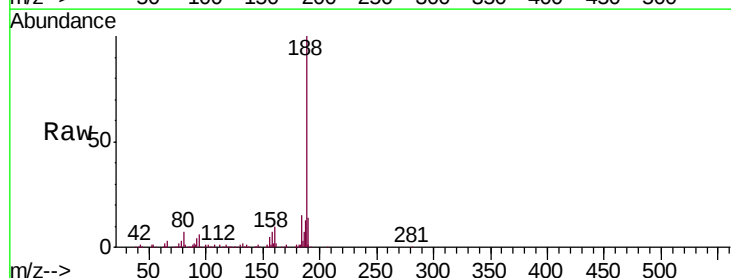
Instrument :
 BNA_G
 ClientSampled :
 RO-1-3

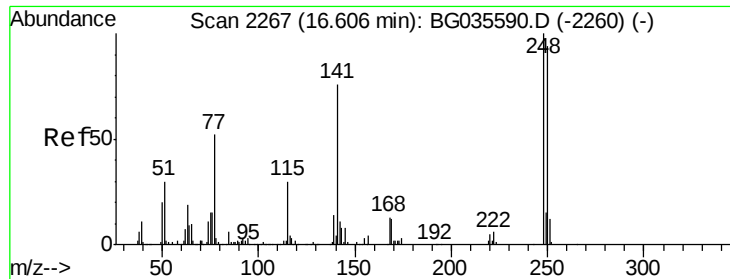
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	0.0	66.9	100.3#
182	0.0	2.6	3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.39 min Scan# 2401
 Delta R.T. -0.00 min
 Lab File: BG035908.D
 Acq: 26 Jul 2018 14:00

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.1	6.9	10.3#
80	7.5	7.7	11.5#

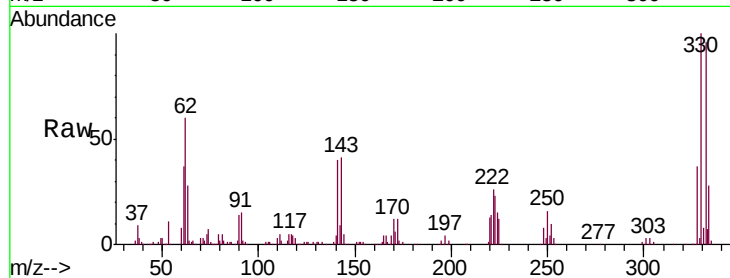




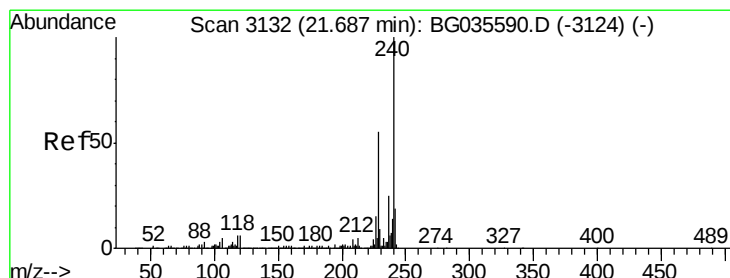
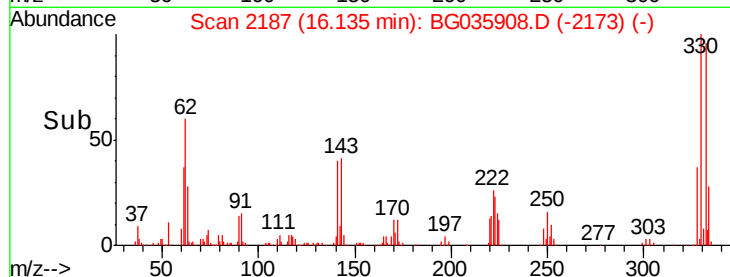
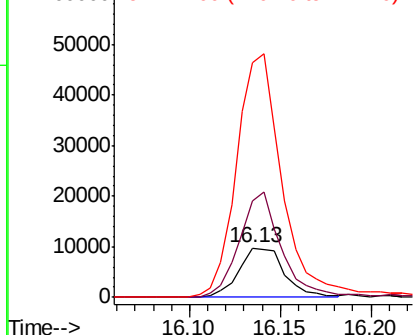
#66
4-Bromophenyl-phenylether
Concen: 5.011 ng
RT: 16.13 min Scan# 2187
Delta R.T. -0.45 min
Lab File: BG035908.D
Acq: 26 Jul 2018 14:00

Instrument :
BNA_G
ClientSampleId :
RO-1-3

Tgt Ion:248 Resp: 17097
Ion Ratio Lower Upper
248 100
250 195.3 77.1 115.7#
141 476.6 50.8 76.2#

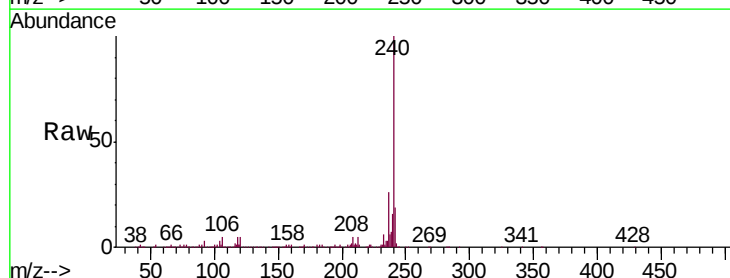


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

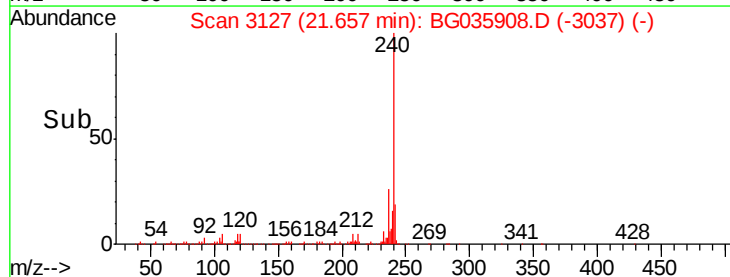
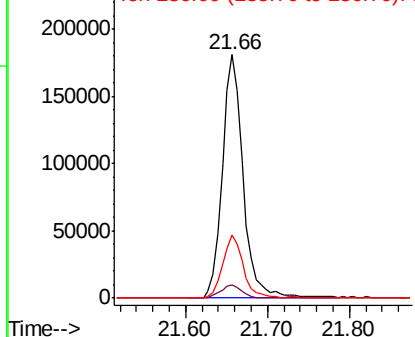


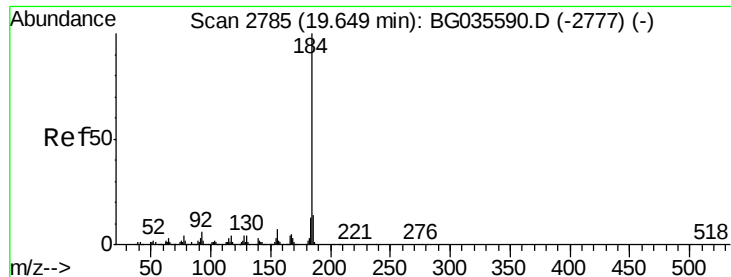
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3127
Delta R.T. -0.00 min
Lab File: BG035908.D
Acq: 26 Jul 2018 14:00

Tgt Ion:240 Resp: 319199
Ion Ratio Lower Upper
240 100
120 5.3 6.8 10.2#
236 25.8 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: 3.058 ng

RT: 20.00 min Scan# 2845

Delta R.T. 0.37 min

Lab File: BG035908.D

Acq: 26 Jul 2018 14:00

Instrument :

BNA_G

ClientSampleId :

RO-1-3

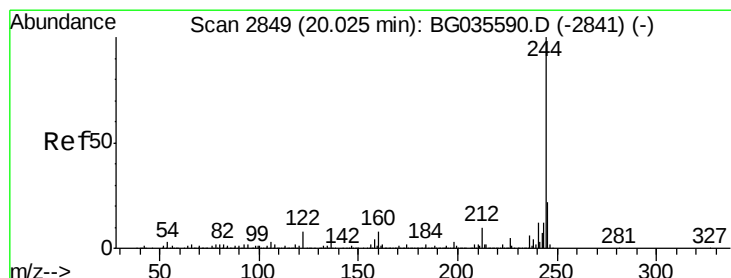
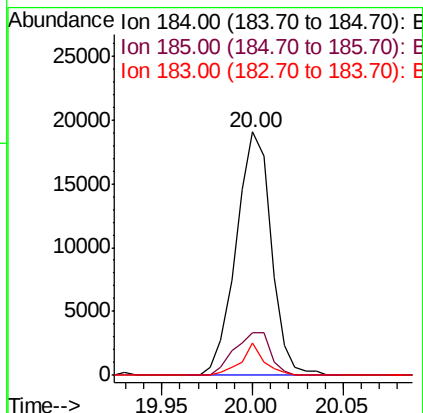
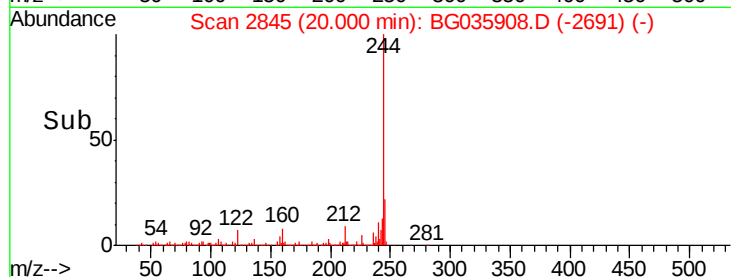
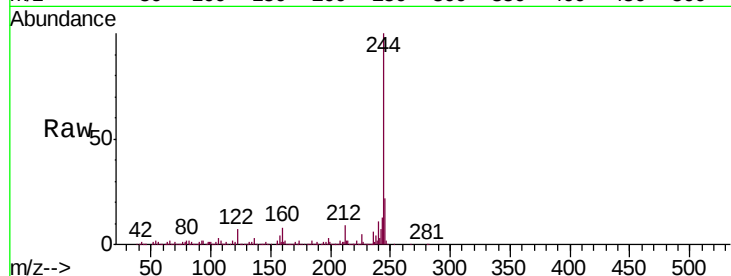
Tgt Ion:184 Resp: 25665

Ion Ratio Lower Upper

184 100

185 17.7 11.1 16.7#

183 13.1 10.6 16.0



#78

Terphenyl-d14

Concen: 103.690 ng

RT: 20.00 min Scan# 2845

Delta R.T. -0.00 min

Lab File: BG035908.D

Acq: 26 Jul 2018 14:00

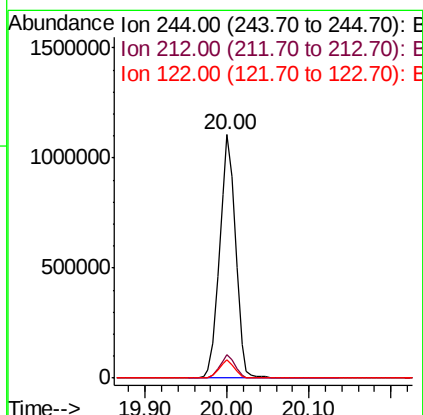
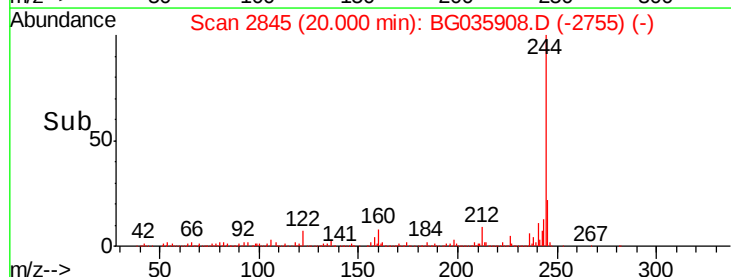
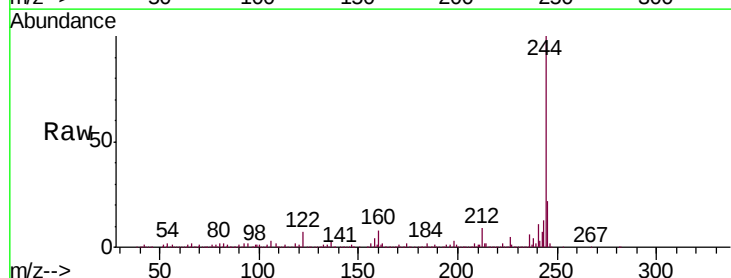
Tgt Ion:244 Resp: 1501514

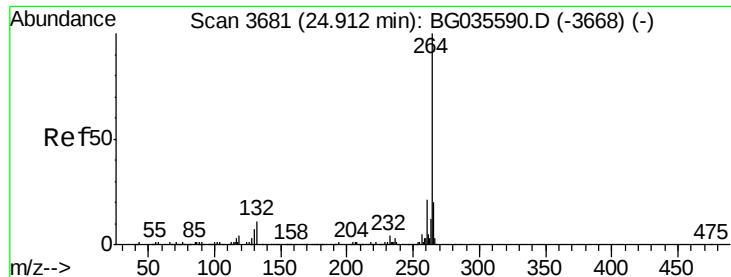
Ion Ratio Lower Upper

244 100

212 9.4 5.8 8.8#

122 7.4 7.0 10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.86 min Scan# 3672
Delta R.T. -0.00 min
Lab File: BG035908.D
Acq: 26 Jul 2018 14:00

Instrument :
BNA_G
ClientSampleId :
RO-1-3

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	17.4	26.0
265	22.1	17.7	26.5

