

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062218\
 Data File : BG035346.D
 Acq On : 22 Jun 2018 23:16
 Operator : JU/SJ
 Sample : J3581-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSP-A-COMPOSITE

Quant Time: Jun 23 00:32:50 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

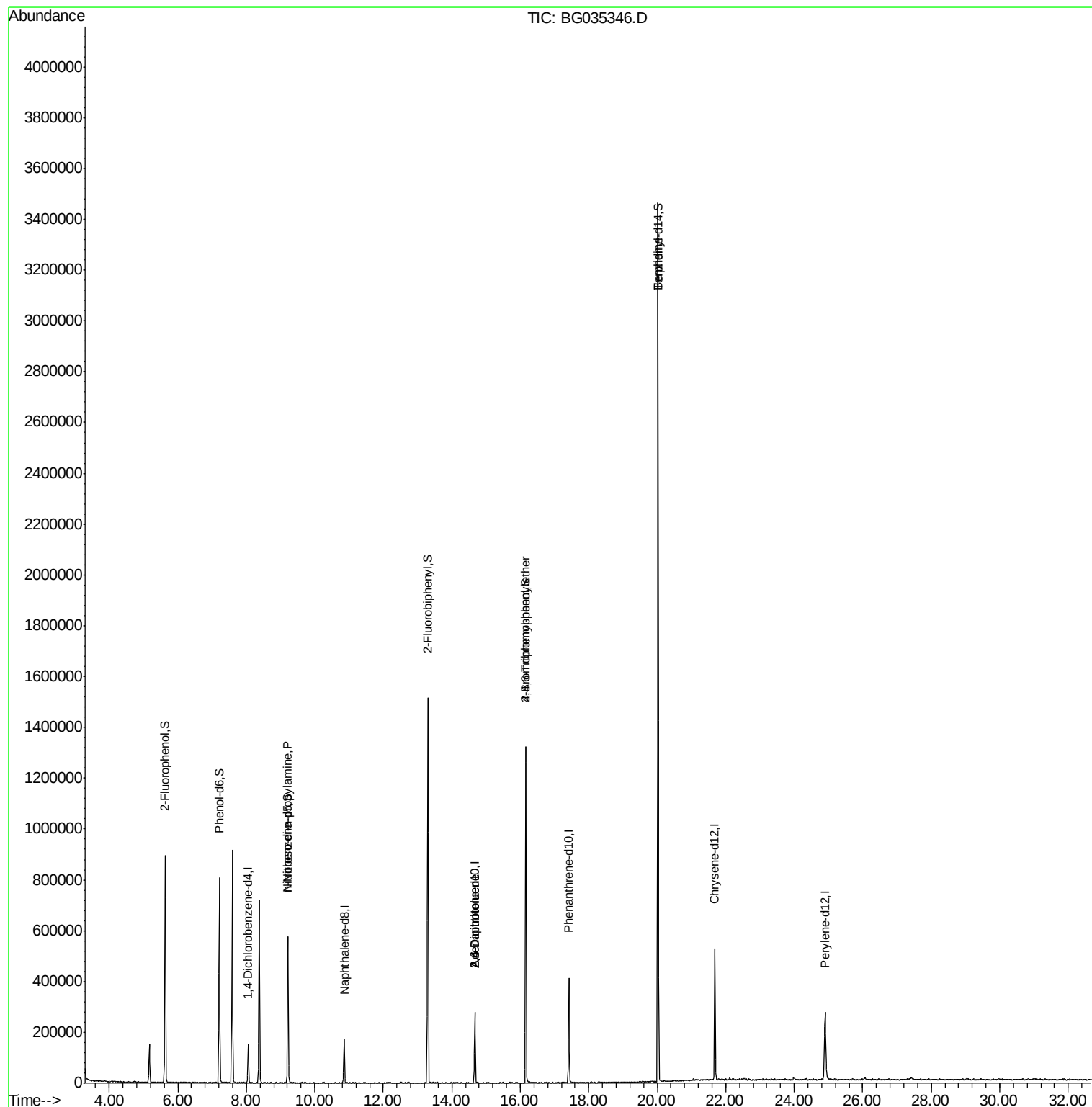
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	42405	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	150832	20.00	ng	-0.03
38) Acenaphthene-d10	14.67	164	97418	20.00	ng	-0.03
63) Phenanthrene-d10	17.41	188	269466	20.00	ng	-0.03
75) Chrysene-d12	21.68	240	333044	20.00	ng	-0.04
86) Perylene-d12	24.90	264	313819	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	377437	150.21	ng	-0.01
7) Phenol-d6	7.21	99	484427	130.62	ng	-0.01
23) Nitrobenzene-d5	9.21	82	375465	118.33	ng	-0.03
41) 2,4,6-Tribromophenol	16.16	330	253376	203.18	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	832778	111.13	ng	-0.03
78) Terphenyl-d14	20.02	244	1623724	102.12	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	53595	17.010	ng	# 68
50) 2,6-Dinitrotoluene	14.67	165	13531	8.731	ng	# 20
56) 2,4-Dinitrotoluene	14.67	165	13531	6.572	ng	# 18
66) 4-Bromophenyl-phenylether	16.16	248	20239	6.237	ng	# 1
76) Benzidine	20.02	184	27704	2.236	ng	# 82

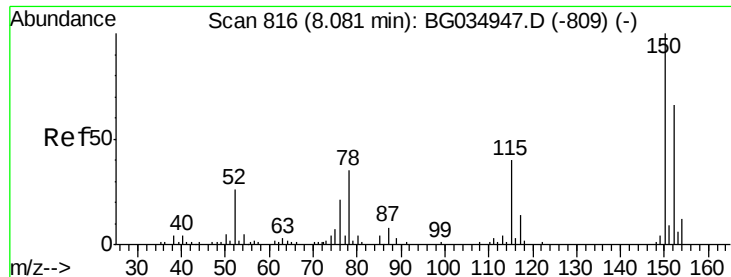
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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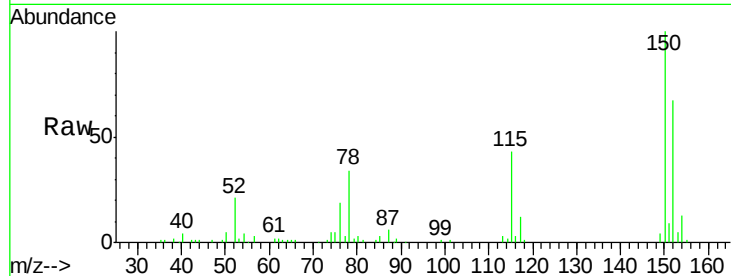


#1

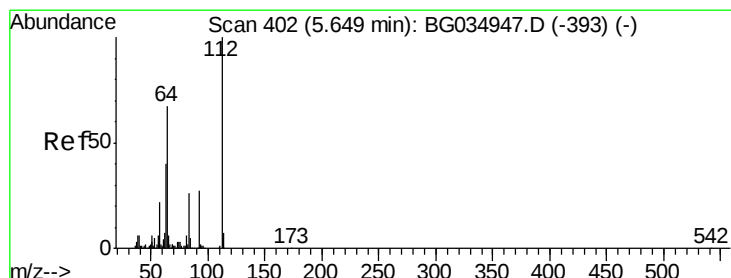
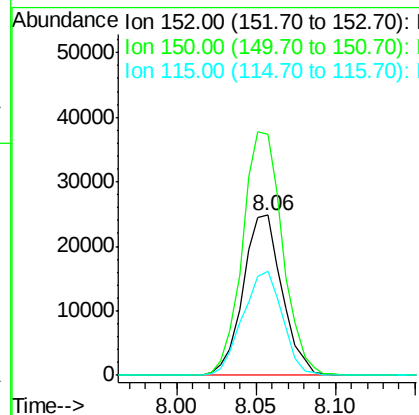
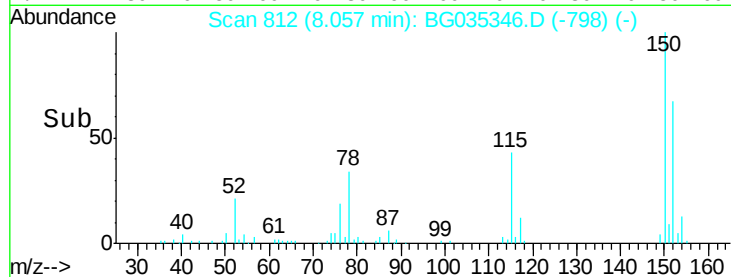
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.02 min
Lab File: BG035346.D
Acq: 22 Jun 2018 23:16

Instrument :
BNA_G
ClientSampleId :
SSP-A-COMPOSITE

Tgt Ion:152 Resp: 42405
Ion Ratio Lower Upper
152 100
150 150.4 126.6 189.8
115 65.0 53.0 79.4



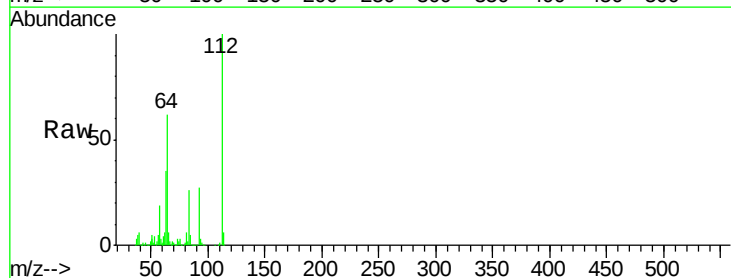
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



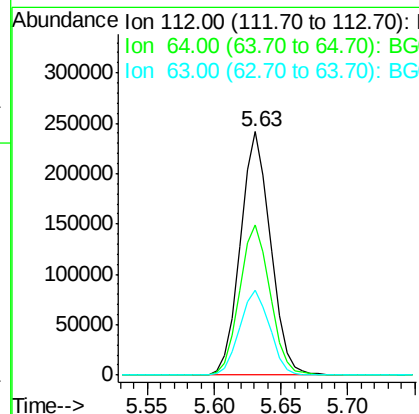
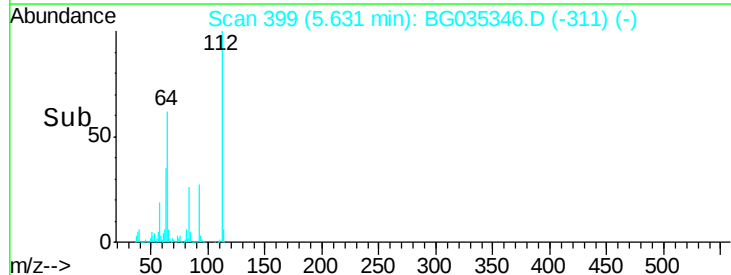
#5

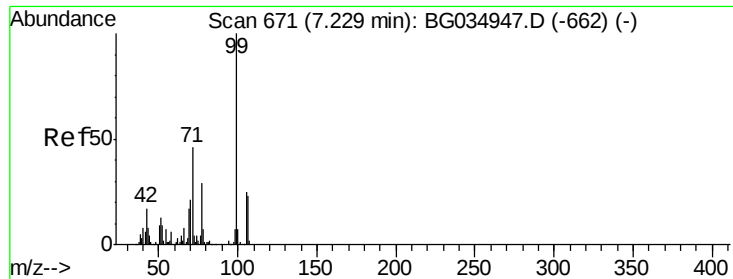
2-Fluorophenol
Concen: 150.210 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG035346.D
Acq: 22 Jun 2018 23:16

Tgt Ion:112 Resp: 377437
Ion Ratio Lower Upper
112 100
64 61.8 56.3 84.5
63 34.8 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: 130.621 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035346.D

Acq: 22 Jun 2018 23:16

Instrument :

BNA_G

ClientSampleId :

SSP-A-COMPOSITE

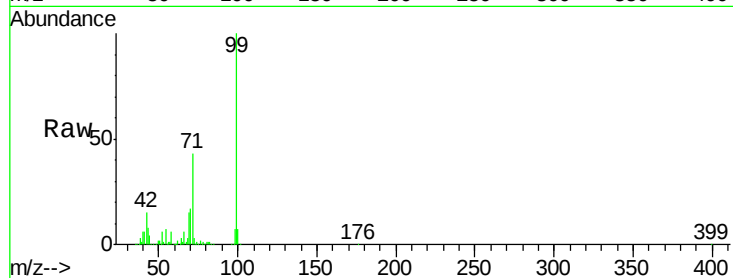
Tgt Ion: 99 Resp: 484427

Ion Ratio Lower Upper

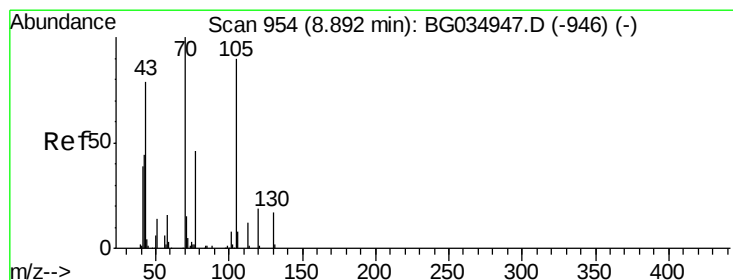
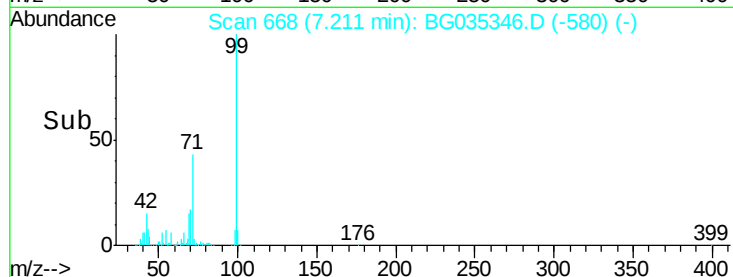
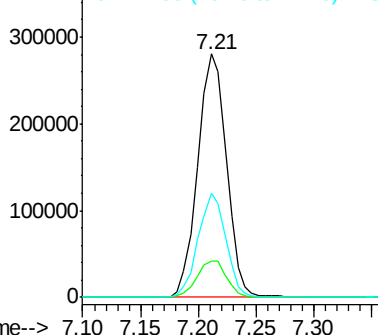
99 100

42 15.1 14.1 21.1

71 42.9 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: 17.010 ng

RT: 9.21 min Scan# 1009

Delta R.T. 0.33 min

Lab File: BG035346.D

Acq: 22 Jun 2018 23:16

Tgt Ion: 70 Resp: 53595

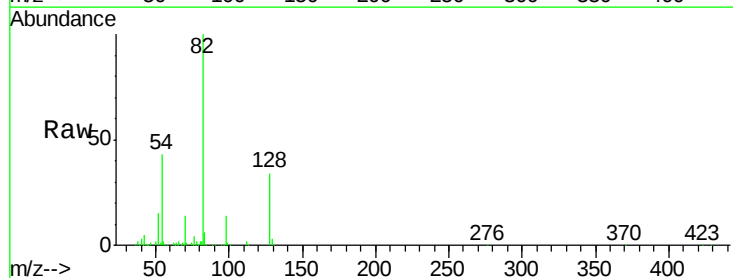
Ion Ratio Lower Upper

70 100

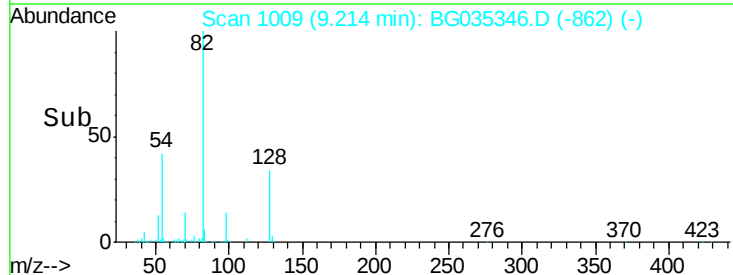
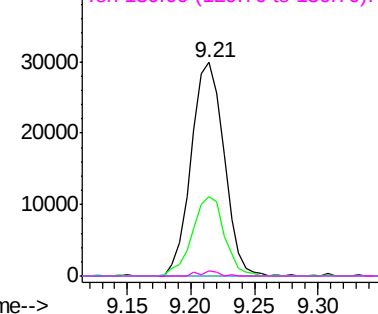
42 37.1 49.1 73.7#

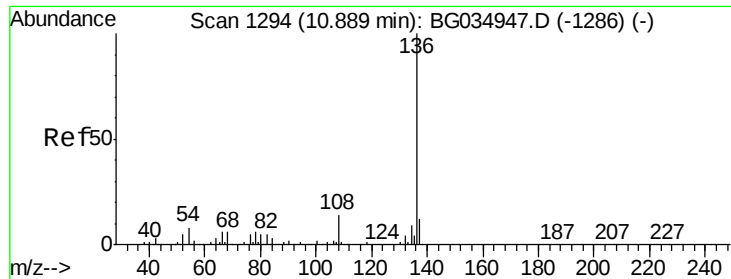
101 0.0 8.5 12.7#

130 2.1 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

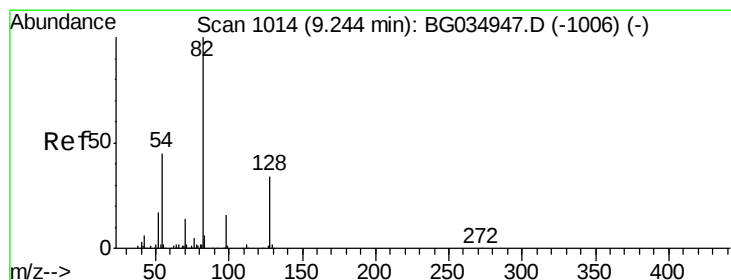
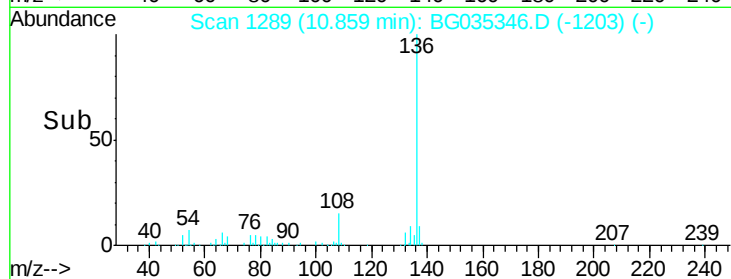
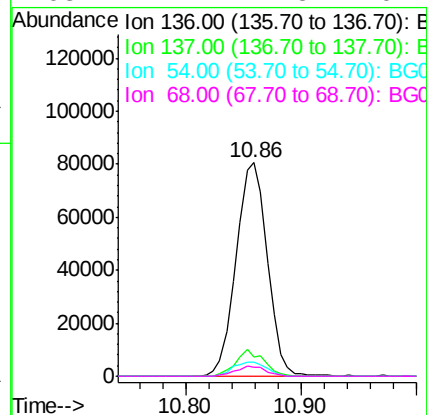
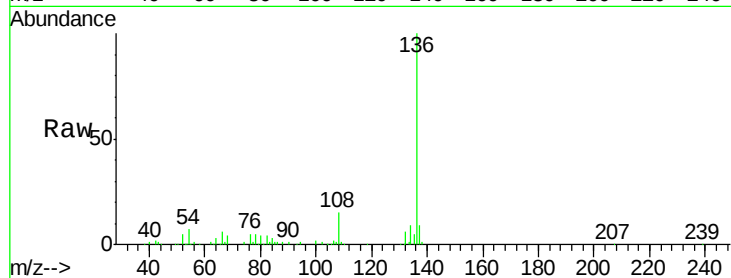




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.03 min
Lab File: BG035346.D
Acq: 22 Jun 2018 23:16

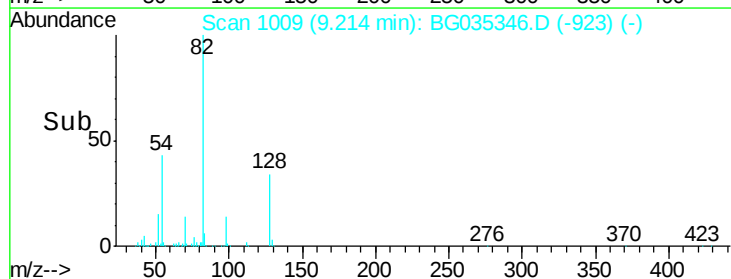
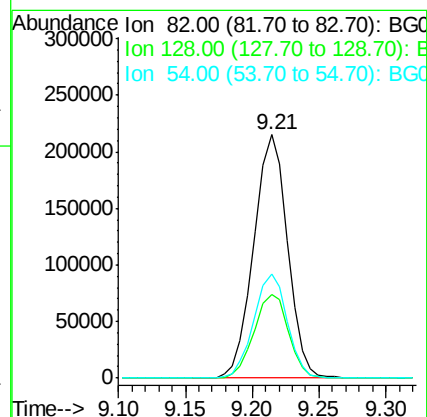
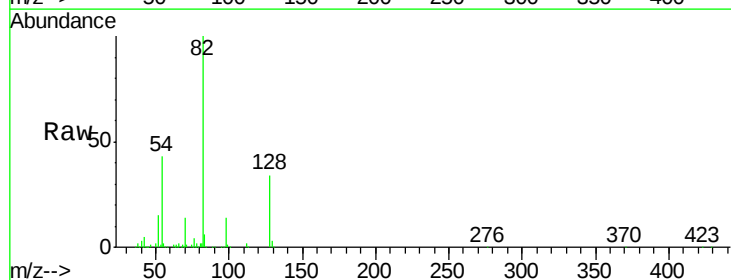
Instrument :
BNA_G
ClientSampleId :
SSP-A-COMPOSITE

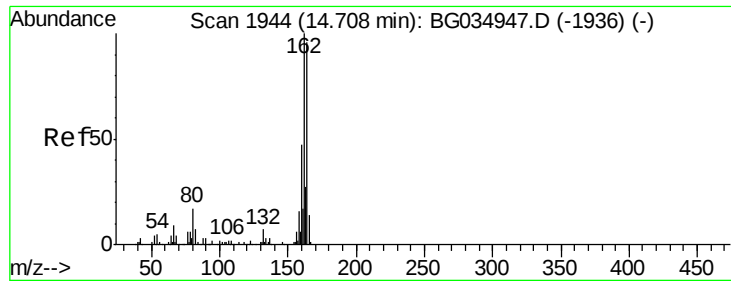
Tgt Ion:	136	Resp:	150832
Ion	Ratio	Lower	Upper
136	100		
137	8.8	9.2	13.8#
54	6.5	10.3	15.5#
68	4.2	4.5	6.7#



#23
Nitrobenzene-d5
Concen: 118.327 ng
RT: 9.21 min Scan# 1009
Delta R.T. -0.03 min
Lab File: BG035346.D
Acq: 22 Jun 2018 23:16

Tgt Ion:	82	Resp:	375465
Ion	Ratio	Lower	Upper
82	100		
128	34.4	29.7	44.5
54	42.6	43.1	64.7#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1938

Delta R.T. -0.03 min

Lab File: BG035346.D

Acq: 22 Jun 2018 23:16

Instrument :

BNA_G

ClientSampleId :

SSP-A-COMPOSITE

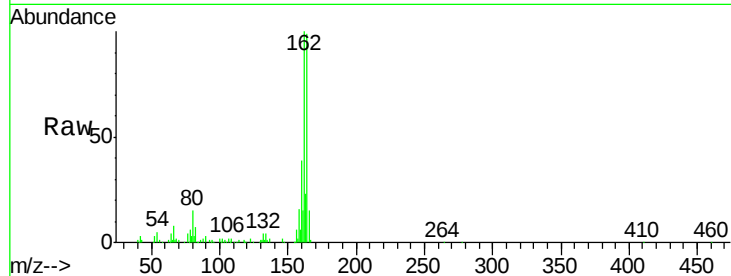
Tgt Ion:164 Resp: 97418

Ion Ratio Lower Upper

164 100

162 101.4 78.8 118.2

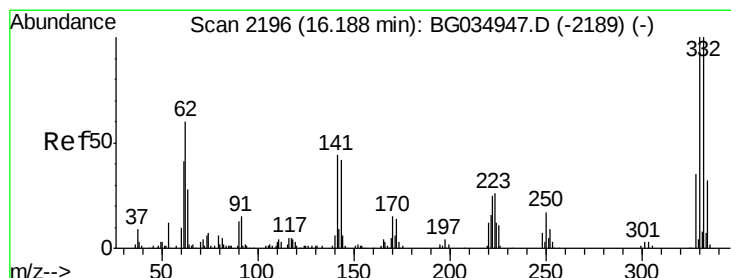
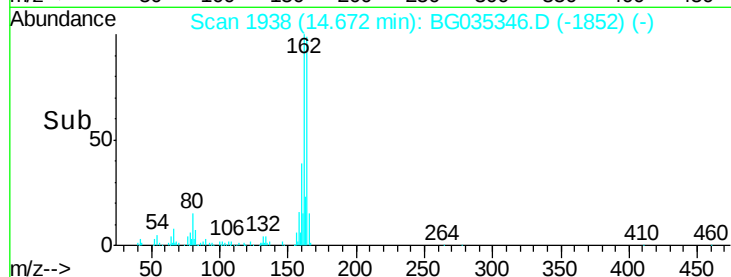
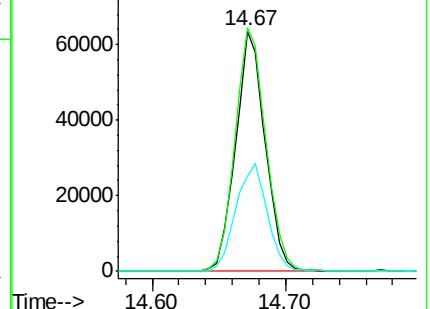
160 39.6 35.4 53.0



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: 203.176 ng

RT: 16.16 min Scan# 2192

Delta R.T. -0.02 min

Lab File: BG035346.D

Acq: 22 Jun 2018 23:16

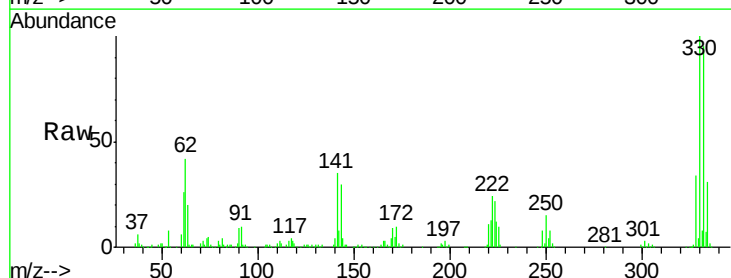
Tgt Ion:330 Resp: 253376

Ion Ratio Lower Upper

330 100

332 94.5 77.0 115.6

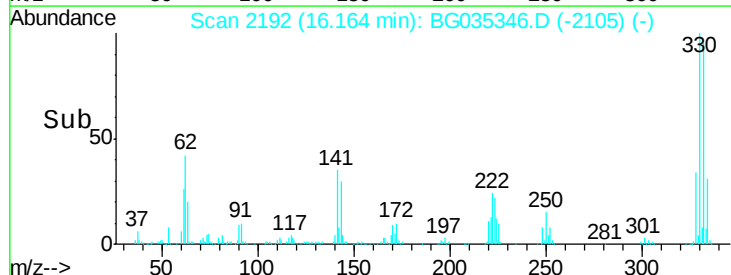
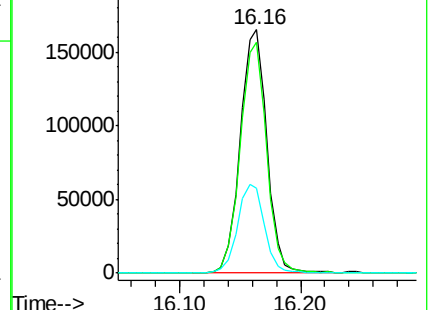
141 36.7 25.2 37.8

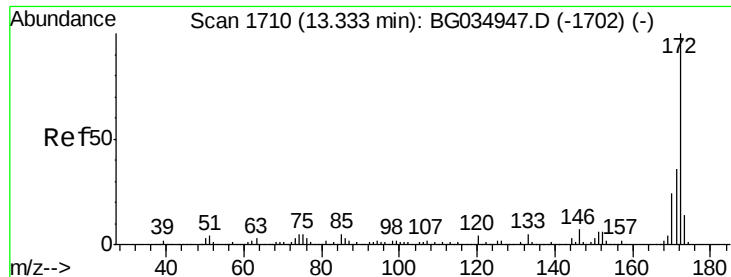


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 111.130 ng

RT: 13.30 min Scan# 1704

Delta R.T. -0.03 min

Lab File: BG035346.D

Acq: 22 Jun 2018 23:16

Instrument :

BNA_G

ClientSampleId :

SSP-A-COMPOSITE

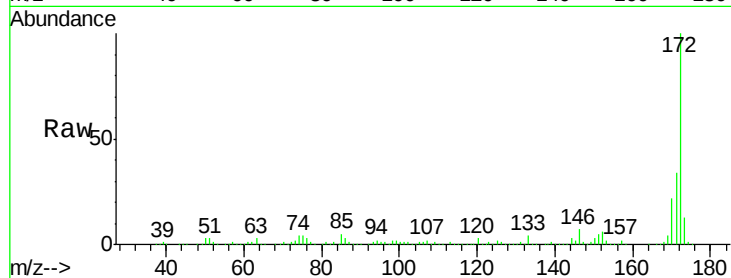
Tgt Ion:172 Resp: 832778

Ion Ratio Lower Upper

172 100

171 34.2 30.0 45.0

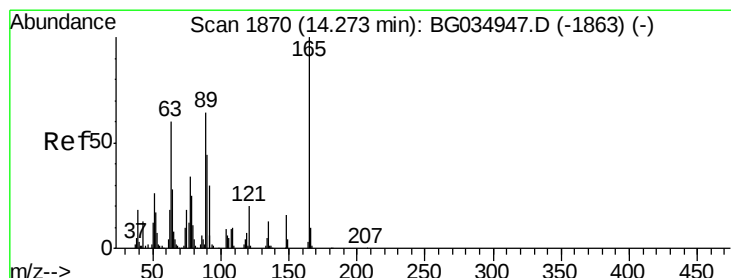
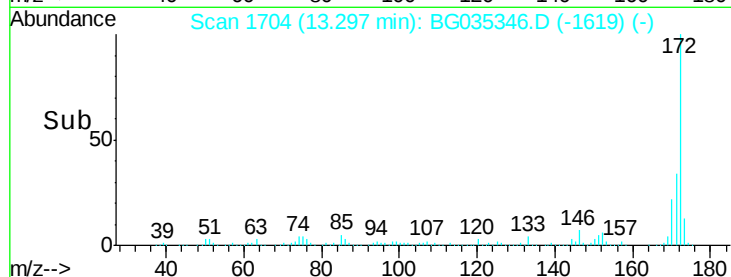
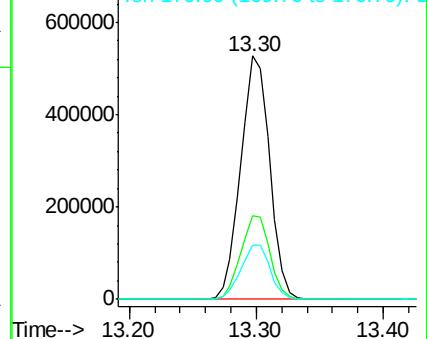
170 22.2 19.5 29.3



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: 8.731 ng

RT: 14.67 min Scan# 1938

Delta R.T. 0.40 min

Lab File: BG035346.D

Acq: 22 Jun 2018 23:16

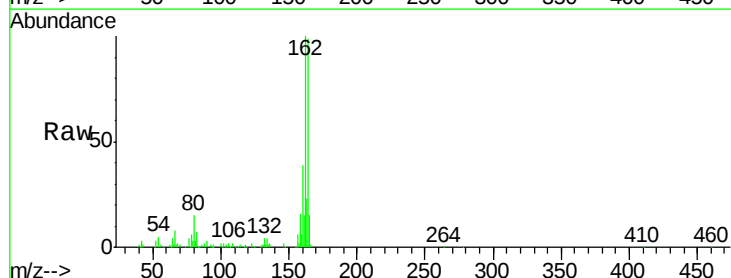
Tgt Ion:165 Resp: 13531

Ion Ratio Lower Upper

165 100

63 2.9 52.7 79.1#

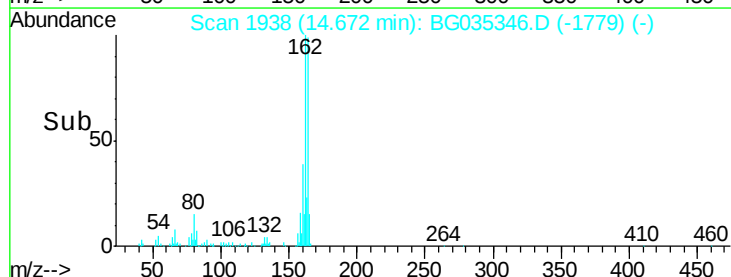
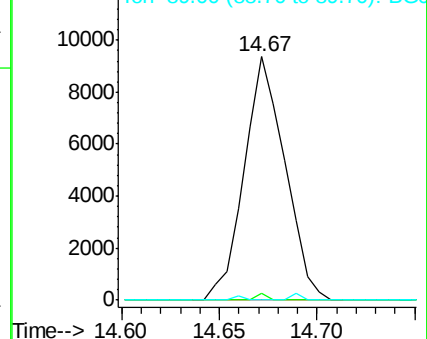
89 0.0 49.2 73.8#

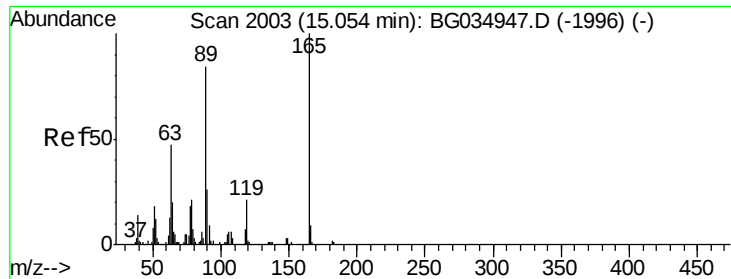


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

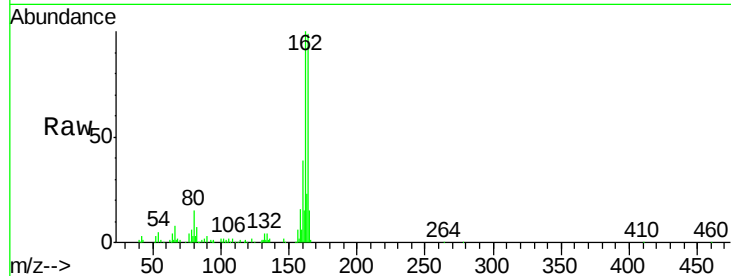




#56
2,4-Dinitrotoluene
Concen: 6.572 ng
RT: 14.67 min Scan# 1938
Delta R.T. -0.38 min
Lab File: BG035346.D
Acq: 22 Jun 2018 23:16

Instrument :
BNA_G
ClientSampleId :
SSP-A-COMPOSITE

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.9	42.0	63.0#
89	0.0	66.9	100.3#
182	0.0	2.6	3.8#

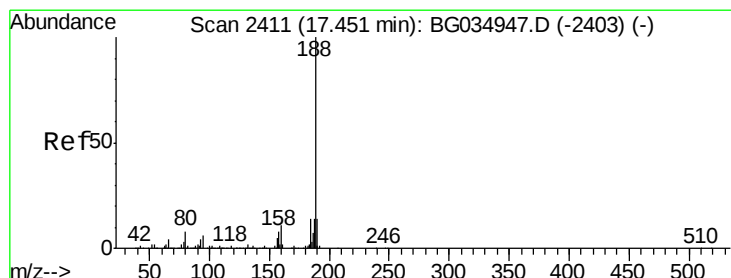
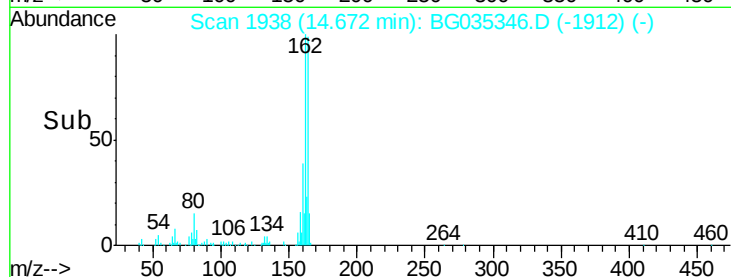
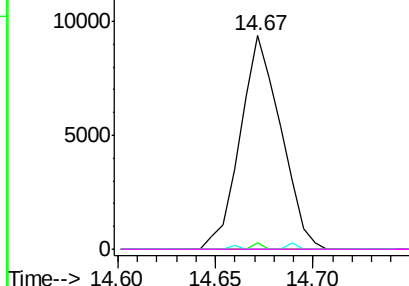


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

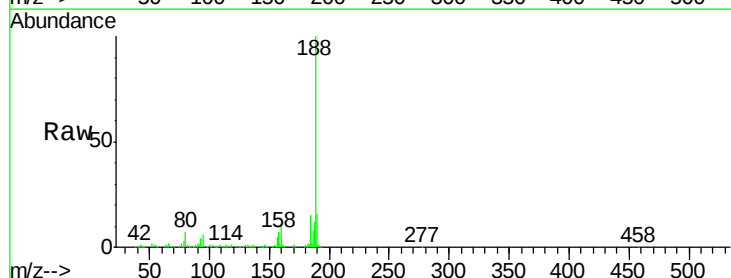
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2405
Delta R.T. -0.03 min
Lab File: BG035346.D
Acq: 22 Jun 2018 23:16

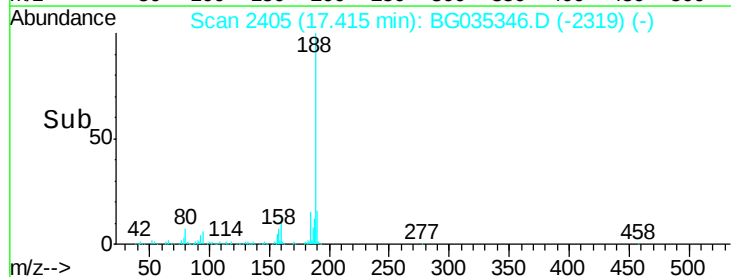
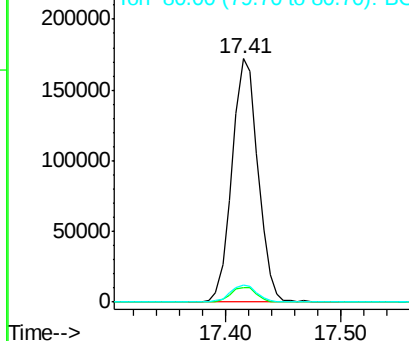
Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.0	6.9	10.3#
80	6.9	7.7	11.5#

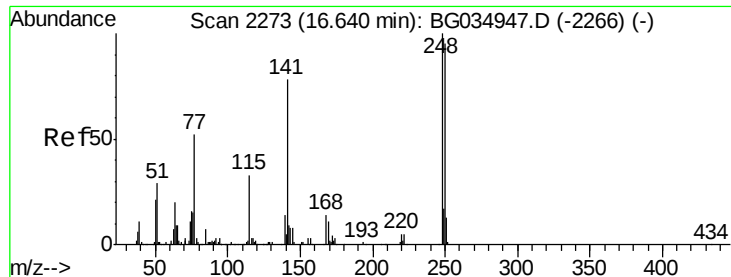


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

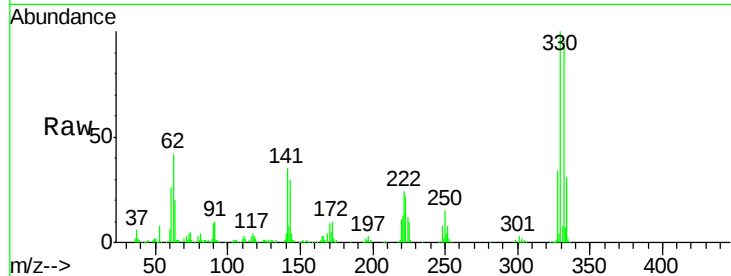




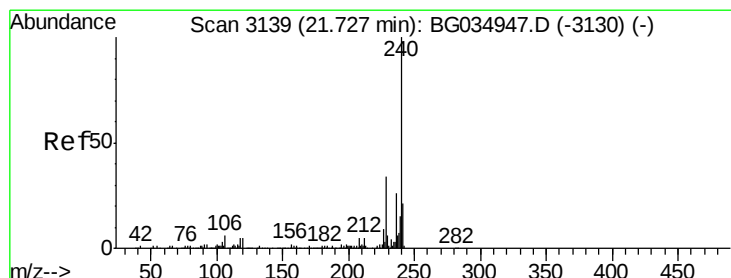
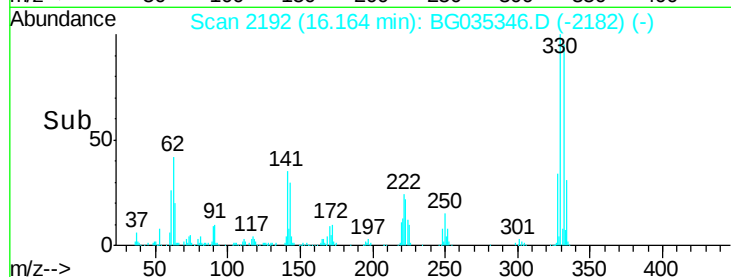
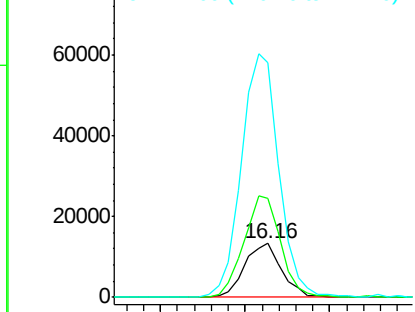
#66
4-Bromophenyl-phenylether
Concen: 6.237 ng
RT: 16.16 min Scan# 2192
Delta R.T. -0.47 min
Lab File: BG035346.D
Acq: 22 Jun 2018 23:16

Instrument :
BNA_G
ClientSampleId :
SSP-A-COMPOSITE

Tgt Ion:248 Resp: 20239
Ion Ratio Lower Upper
248 100
250 185.2 77.1 115.7#
141 436.9 50.8 76.2#

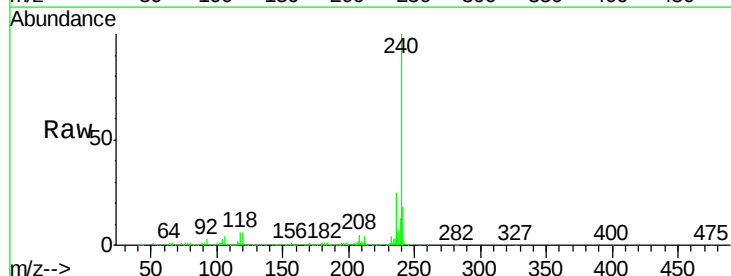


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

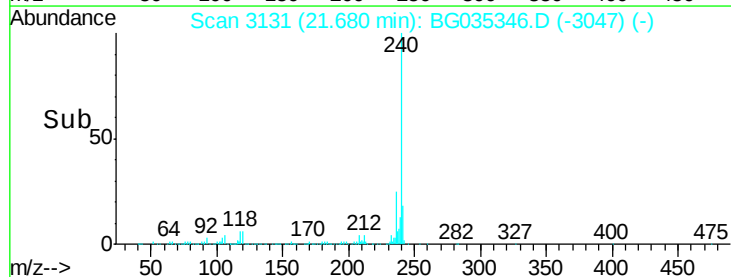
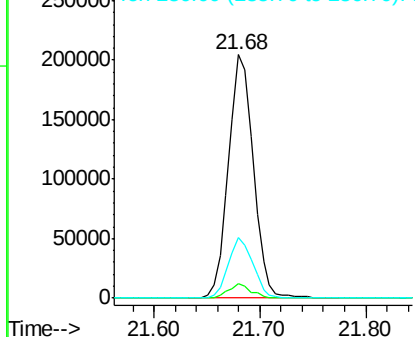


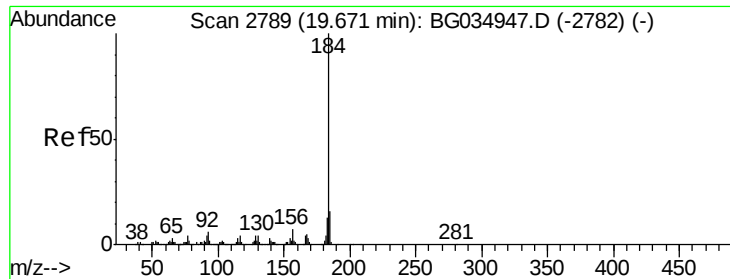
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.04 min
Lab File: BG035346.D
Acq: 22 Jun 2018 23:16

Tgt Ion:240 Resp: 333044
Ion Ratio Lower Upper
240 100
120 5.8 6.8 10.2#
236 24.7 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

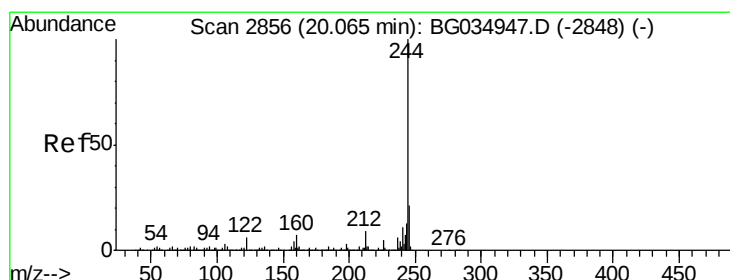
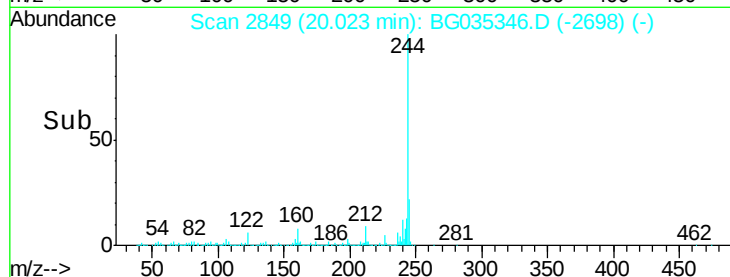
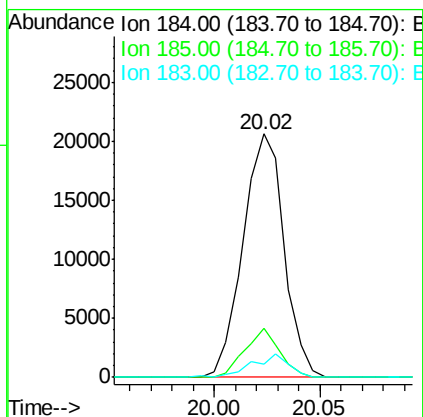
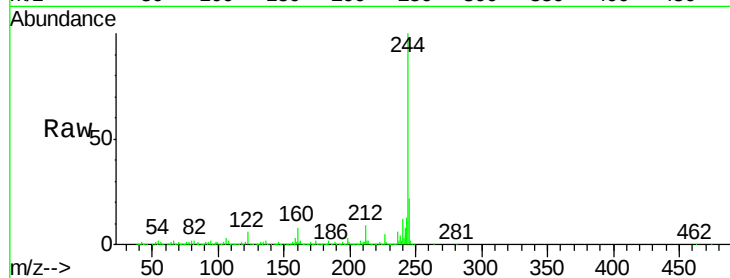




#76
Benzidine
Concen: 2.236 ng
RT: 20.02 min Scan# 2849
Delta R.T. 0.36 min
Lab File: BG035346.D
Acq: 22 Jun 2018 23:16

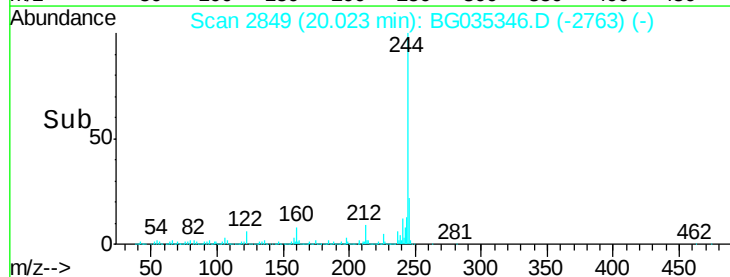
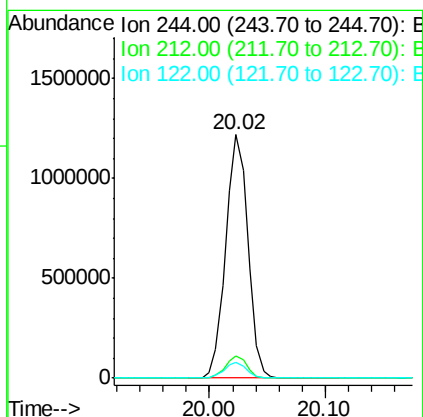
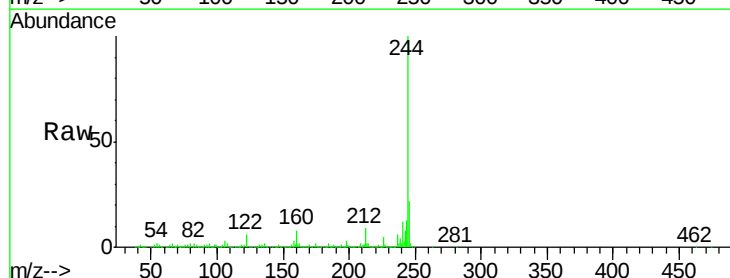
Instrument :
BNA_G
ClientSampleId :
SSP-A-COMPOSITE

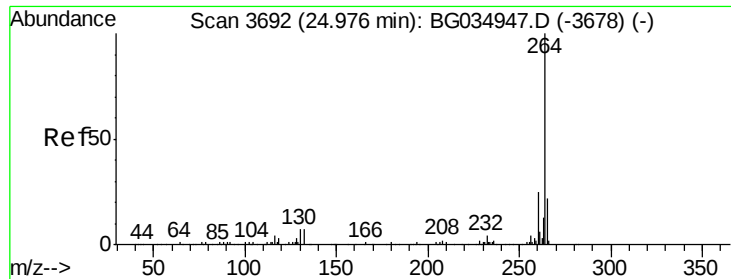
Tgt Ion:184 Resp: 27704
Ion Ratio Lower Upper
184 100
185 20.3 11.1 16.7#
183 5.5 10.6 16.0#



#78
Terphenyl-d14
Concen: 102.124 ng
RT: 20.02 min Scan# 2849
Delta R.T. -0.03 min
Lab File: BG035346.D
Acq: 22 Jun 2018 23:16

Tgt Ion:244 Resp: 1623724
Ion Ratio Lower Upper
244 100
212 9.1 5.8 8.8#
122 6.5 7.0 10.4#



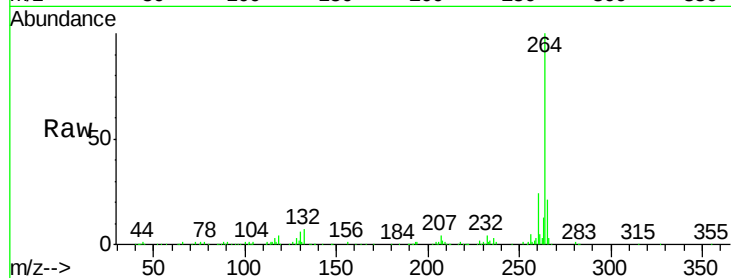


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.90 min Scan# 3679
Delta R.T. -0.05 min
Lab File: BG035346.D
Acq: 22 Jun 2018 23:16

Instrument :
BNA_G
ClientSampleId :
SSP-A-COMPOSITE

Tgt Ion: 264 Resp: 313819

Ion	Ratio	Lower	Upper
264	100		
260	23.8	17.4	26.0
265	20.8	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

