

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062218\
 Data File : BG035345.D
 Acq On : 22 Jun 2018 22:37
 Operator : JU/SJ
 Sample : J3595-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SC-02-AB

Quant Time: Jun 23 00:32:40 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

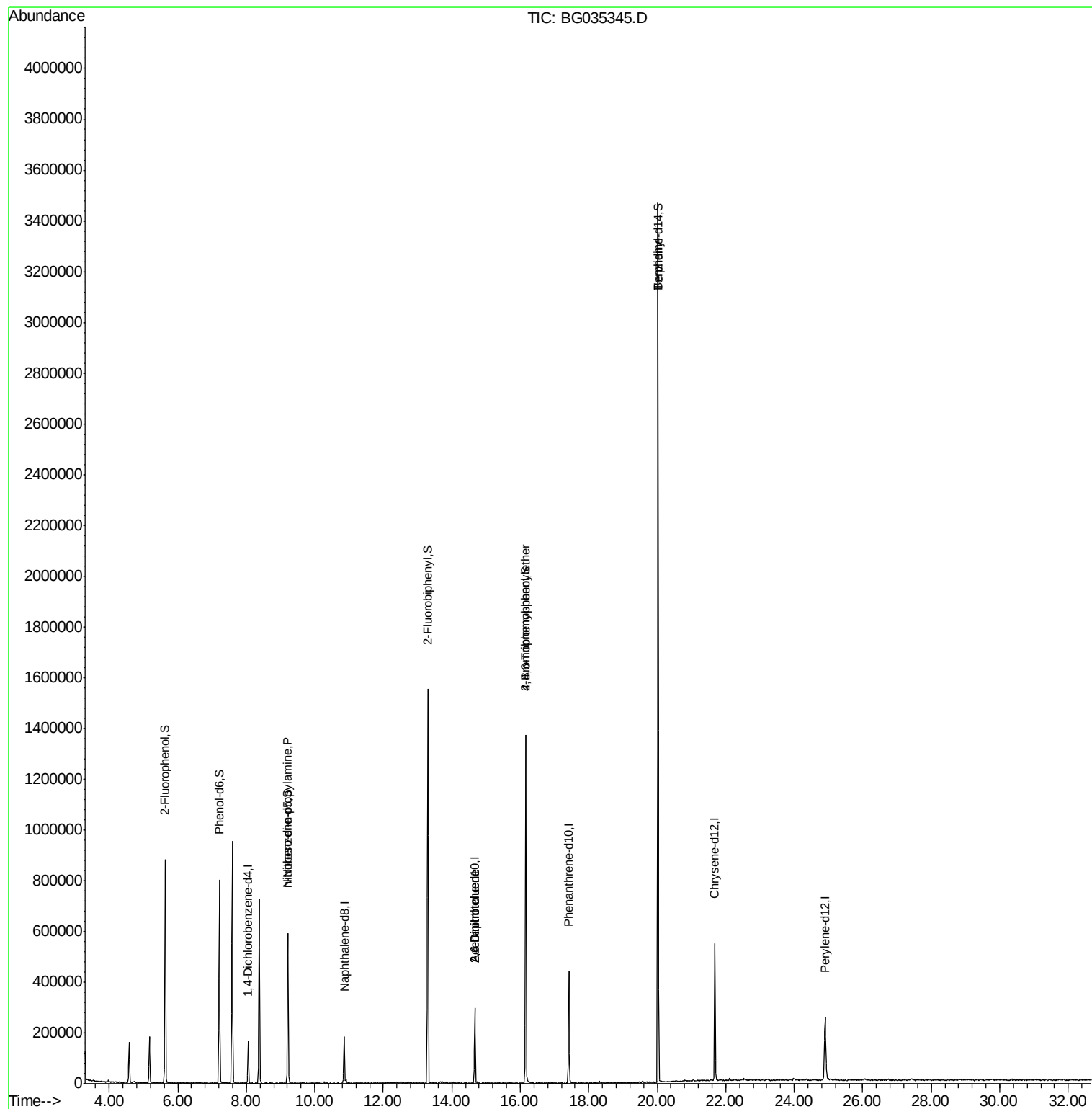
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	47301	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	161729	20.00	ng	-0.02
38) Acenaphthene-d10	14.67	164	105603	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	287028	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	348602	20.00	ng	-0.04
86) Perylene-d12	24.90	264	292741	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	382935	136.62	ng	-0.01
7) Phenol-d6	7.21	99	491086	118.71	ng	-0.01
23) Nitrobenzene-d5	9.21	82	394832	116.05	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	258794	191.44	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	858399	105.67	ng	-0.03
78) Terphenyl-d14	20.02	244	1620109	97.35	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	55600	15.820	ng	# 65
50) 2,6-Dinitrotoluene	14.68	165	15462	9.204	ng	# 18
56) 2,4-Dinitrotoluene	14.68	165	15462	6.928	ng	# 16
66) 4-Bromophenyl-phenylether	16.16	248	18793	5.437	ng	# 1
76) Benzidine	20.02	184	27699	2.136	ng	# 93

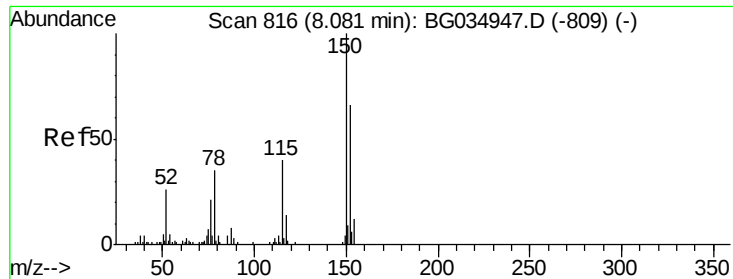
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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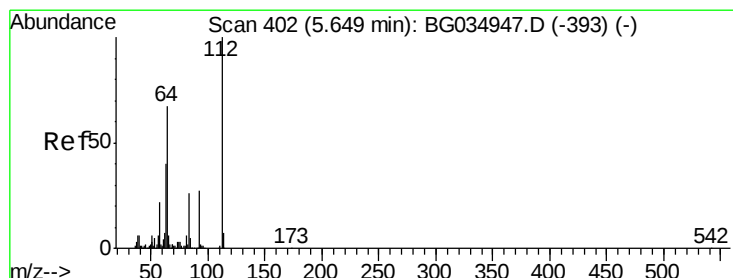
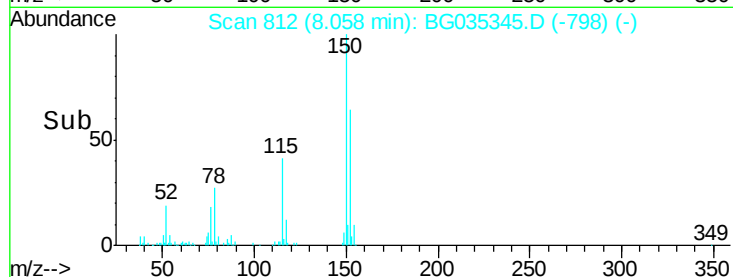
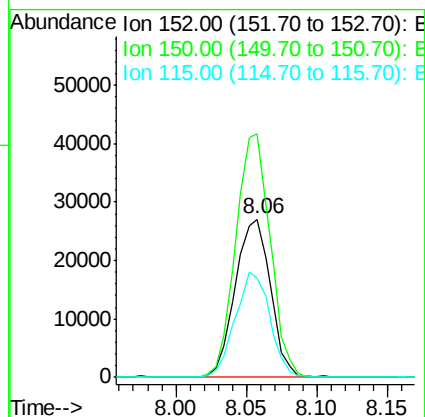
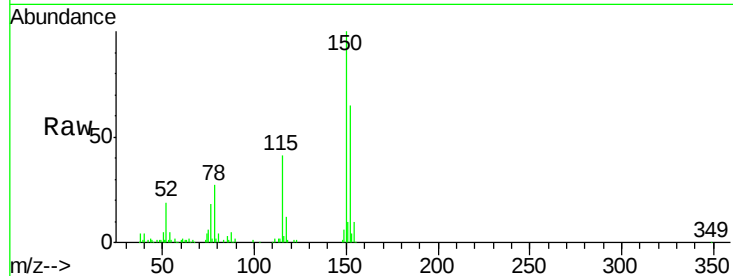


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.02 min
Lab File: BG035345.D
Acq: 22 Jun 2018 22:37

Instrument :
BNA_G
ClientSampled :
SC-02-AB

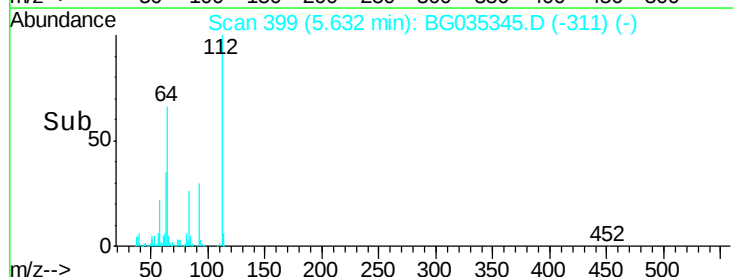
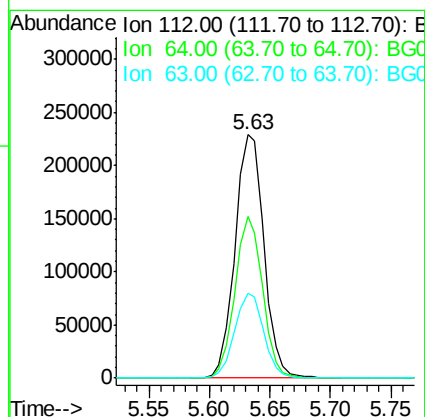
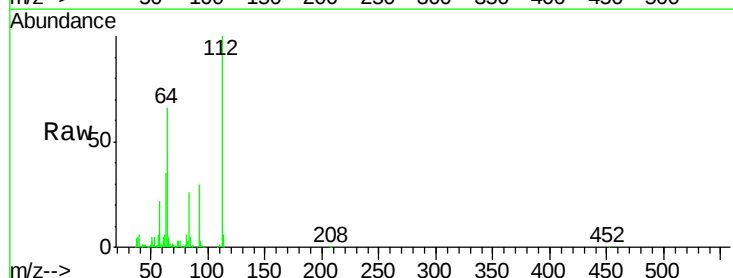
Tgt Ion:152 Resp: 47301
Ion Ratio Lower Upper
152 100
150 153.8 126.6 189.8
115 62.8 53.0 79.4

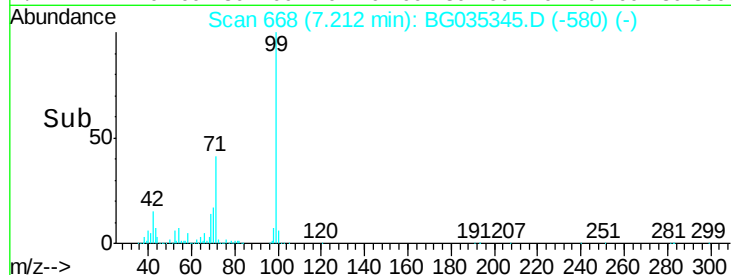
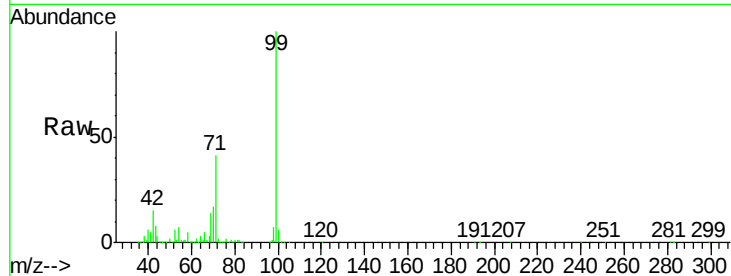
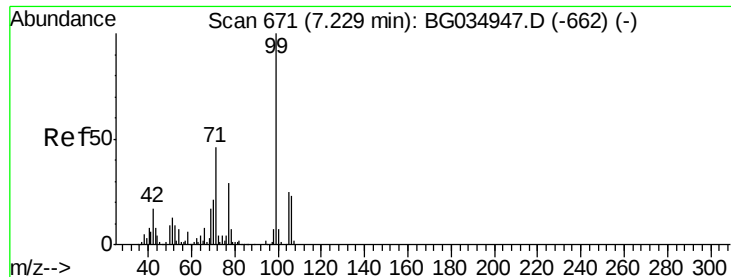


#5

2-Fluorophenol
Concen: 136.624 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG035345.D
Acq: 22 Jun 2018 22:37

Tgt Ion:112 Resp: 382935
Ion Ratio Lower Upper
112 100
64 66.3 56.3 84.5
63 34.7 30.1 45.1





#7

Phenol-d6

Concen: 118.711 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035345.D

Acq: 22 Jun 2018 22:37

Instrument :

BNA_G

ClientSampleId :

SC-02-AB

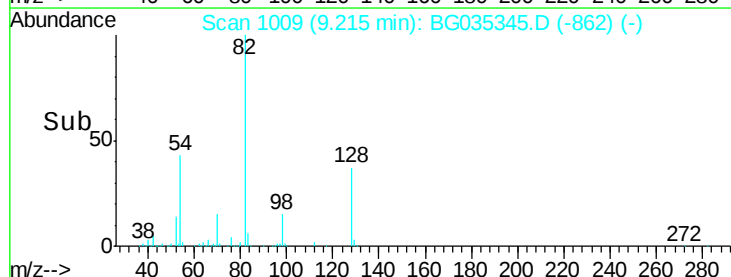
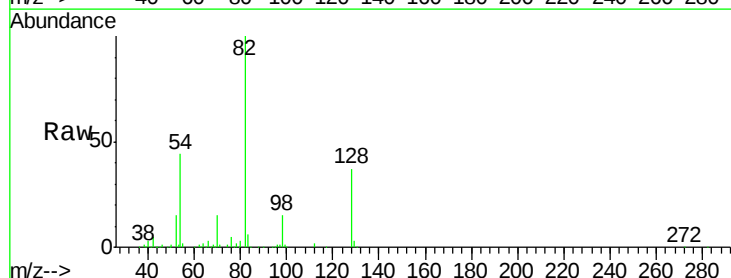
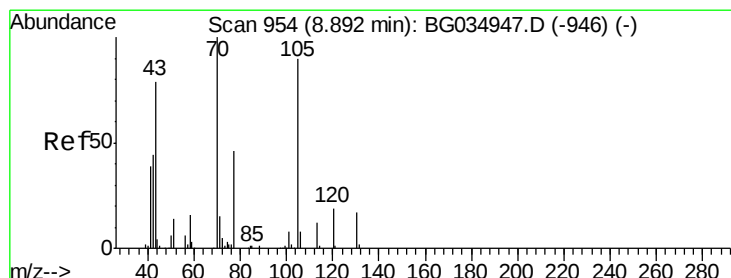
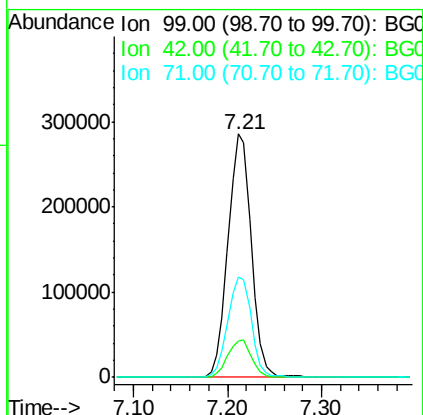
Tgt Ion: 99 Resp: 491086

Ion Ratio Lower Upper

99 100

42 14.7 14.1 21.1

71 41.4 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 15.820 ng

RT: 9.21 min Scan# 1009

Delta R.T. 0.33 min

Lab File: BG035345.D

Acq: 22 Jun 2018 22:37

Tgt Ion: 70 Resp: 55600

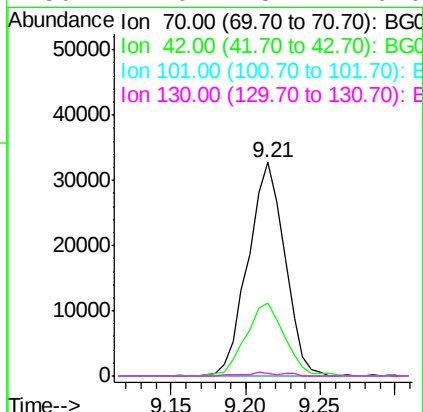
Ion Ratio Lower Upper

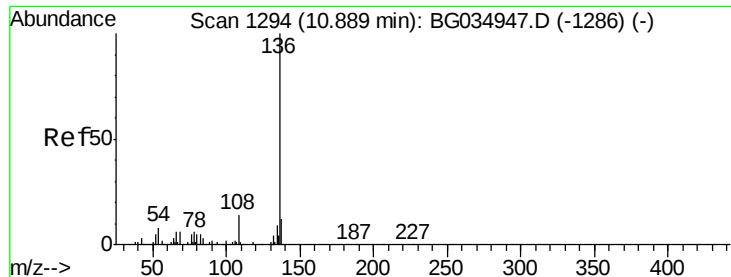
70 100

42 34.3 49.1 73.7#

101 0.0 8.5 12.7#

130 1.0 13.4 20.0#

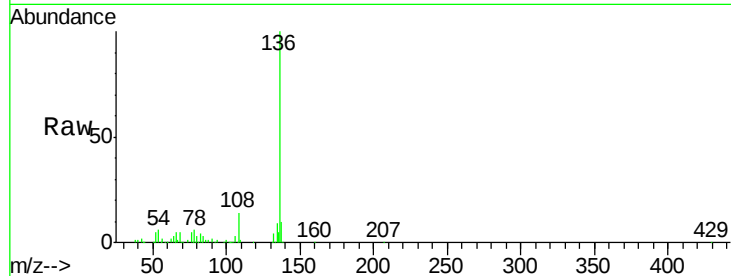




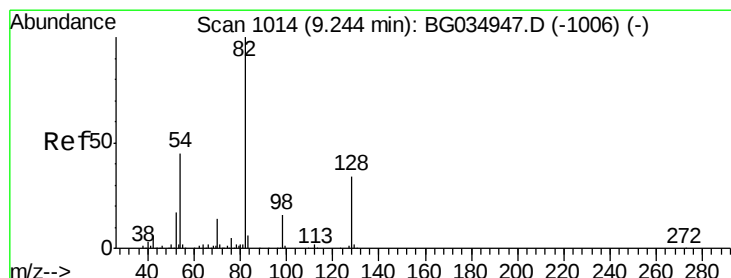
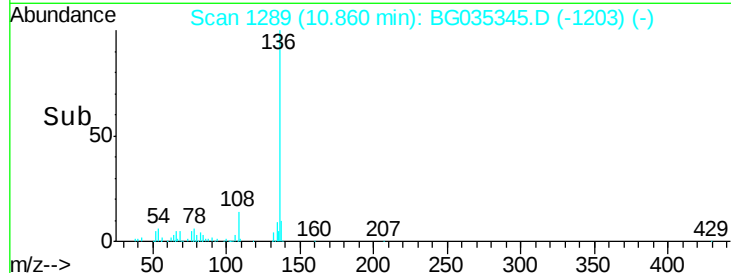
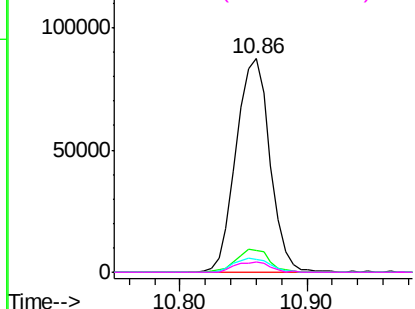
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.02 min
Lab File: BG035345.D
Acq: 22 Jun 2018 22:37

Instrument :
BNA_G
ClientSampleId :
SC-02-AB

Tgt Ion:	136	Resp:	161729
Ion	Ratio	Lower	Upper
136	100		
137	10.2	9.2	13.8
54	6.0	10.3	15.5#
68	4.8	4.5	6.7

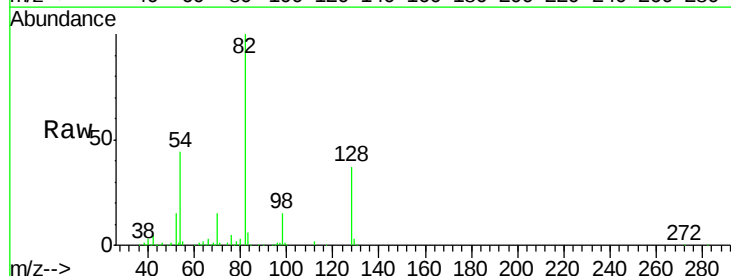


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

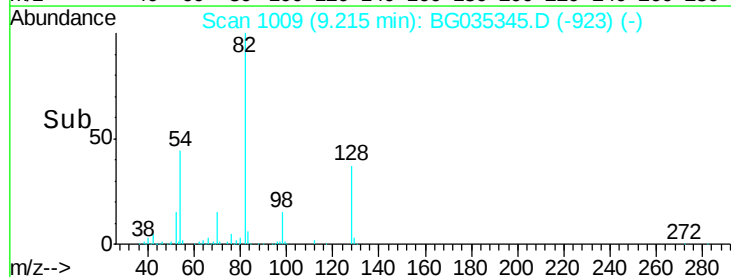
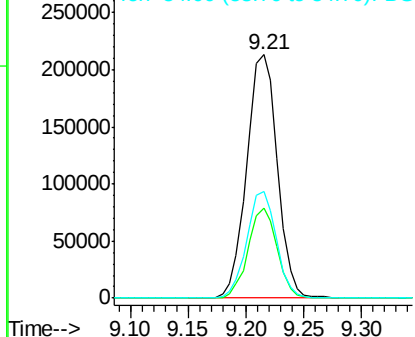


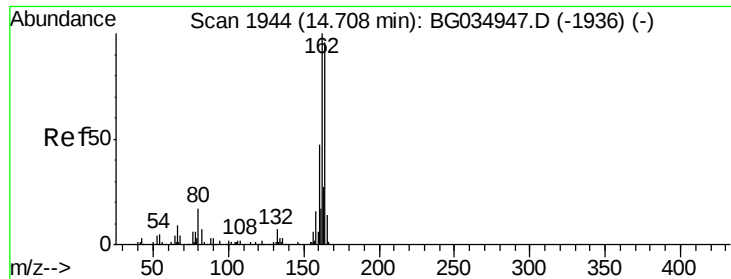
#23
Nitrobenzene-d5
Concen: 116.046 ng
RT: 9.21 min Scan# 1009
Delta R.T. -0.02 min
Lab File: BG035345.D
Acq: 22 Jun 2018 22:37

Tgt Ion:	82	Resp:	394832
Ion	Ratio	Lower	Upper
82	100		
128	37.2	29.7	44.5
54	43.7	43.1	64.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
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: BG035345.D

Acq: 22 Jun 2018 22:37

Instrument :

BNA_G

ClientSampleId :

SC-02-AB

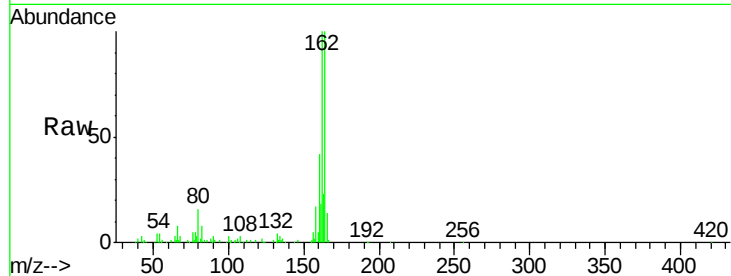
Tgt Ion:164 Resp: 105603

Ion Ratio Lower Upper

164 100

162 100.0 78.8 118.2

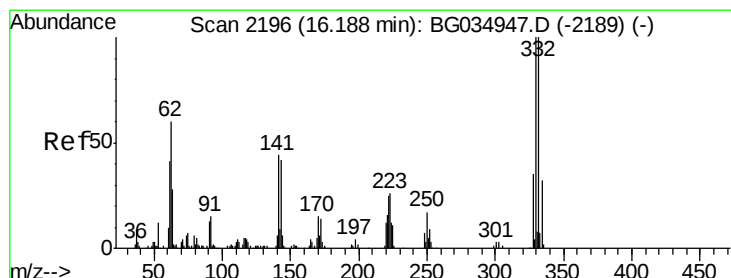
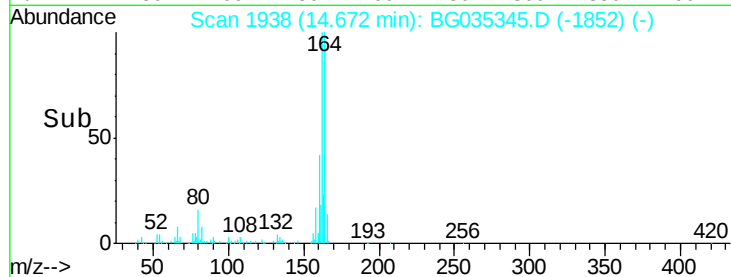
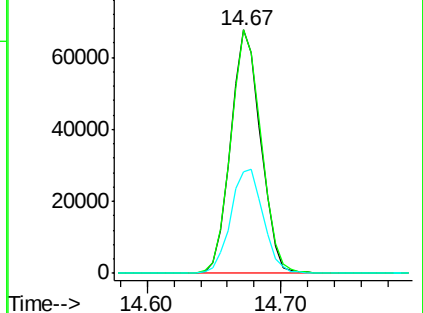
160 41.7 35.4 53.0



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: 191.437 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.02 min

Lab File: BG035345.D

Acq: 22 Jun 2018 22:37

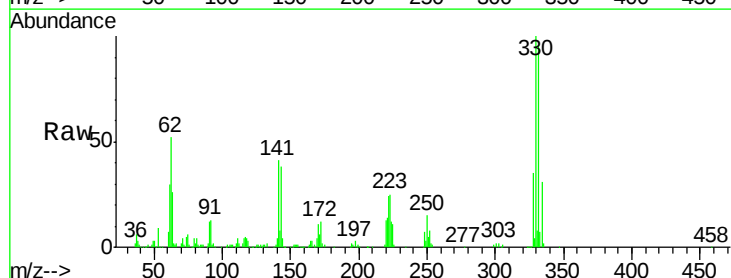
Tgt Ion:330 Resp: 258794

Ion Ratio Lower Upper

330 100

332 94.6 77.0 115.6

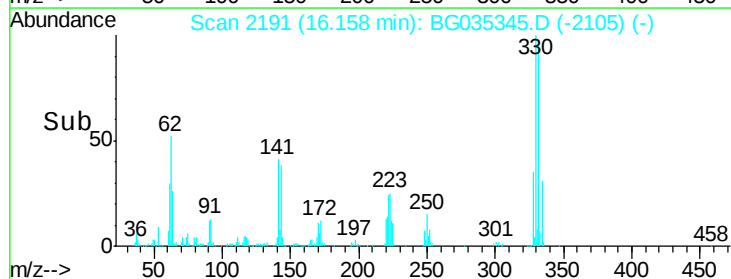
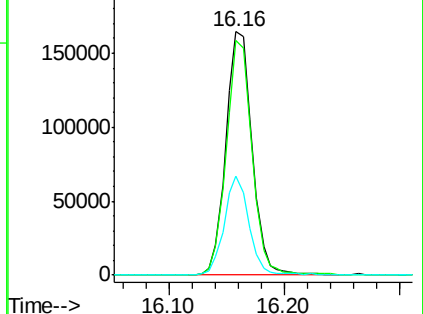
141 37.9 25.2 37.8#

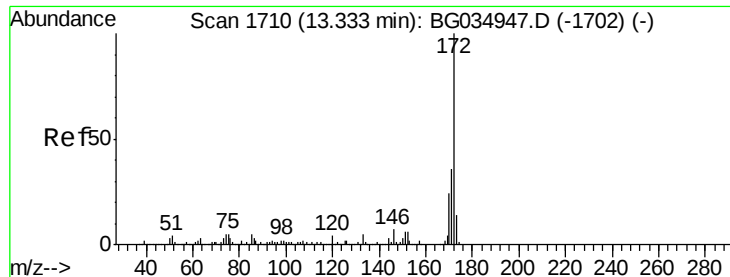


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

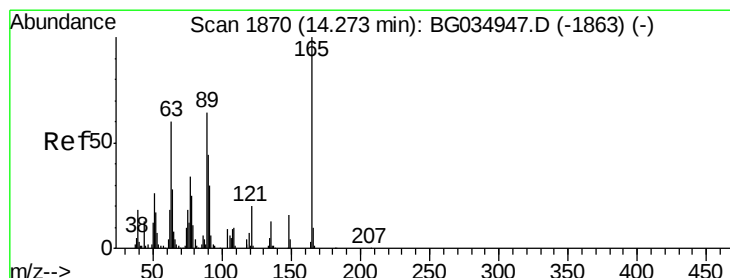
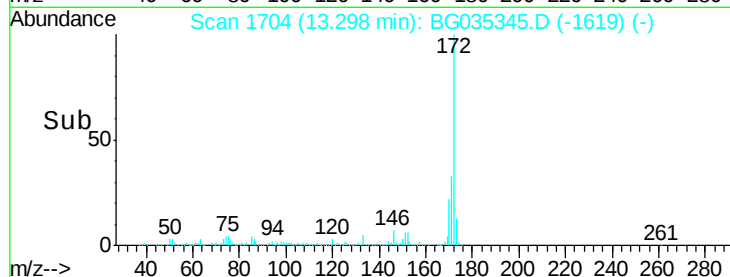
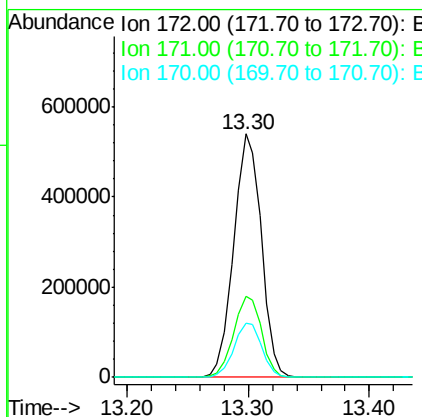
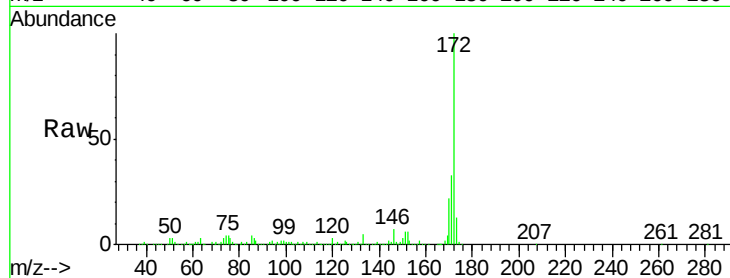




#44
2-Fluorobiphenyl
Concen: 105.671 ng
RT: 13.30 min Scan# 1704
Delta R.T. -0.03 min
Lab File: BG035345.D
Acq: 22 Jun 2018 22:37

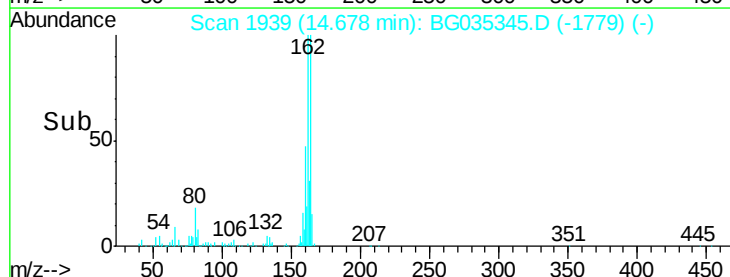
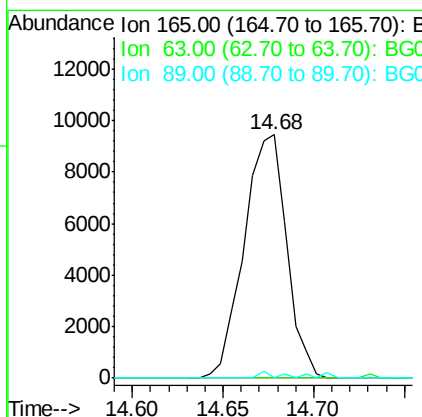
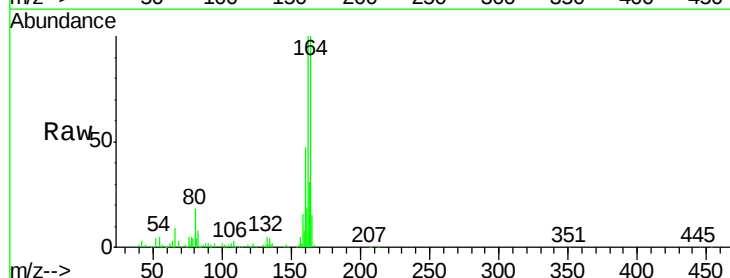
Instrument :
BNA_G
ClientSampleId :
SC-02-AB

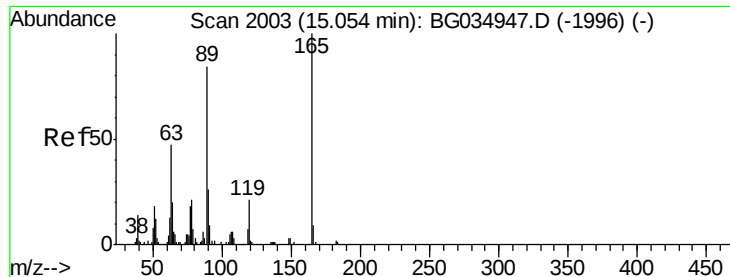
Tgt Ion:172 Resp: 858399
Ion Ratio Lower Upper
172 100
171 33.5 30.0 45.0
170 22.4 19.5 29.3



#50
2,6-Dinitrotoluene
Concen: 9.204 ng
RT: 14.68 min Scan# 1939
Delta R.T. 0.41 min
Lab File: BG035345.D
Acq: 22 Jun 2018 22:37

Tgt Ion:165 Resp: 15462
Ion Ratio Lower Upper
165 100
63 0.0 52.7 79.1#
89 0.0 49.2 73.8#

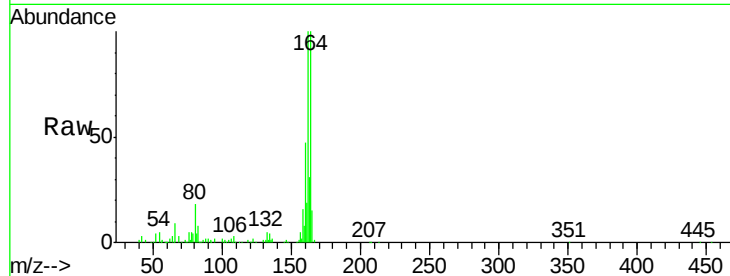




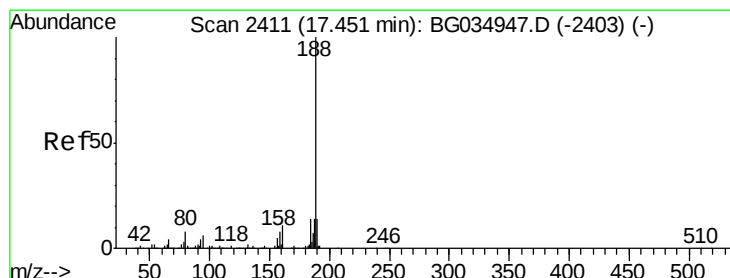
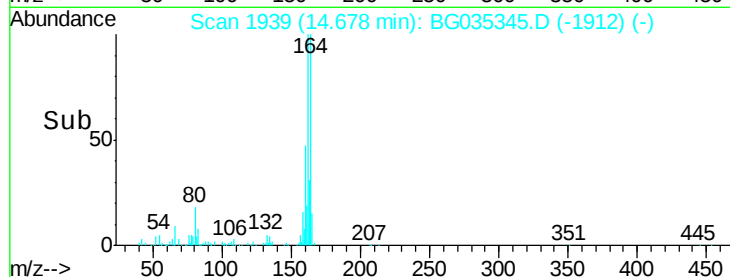
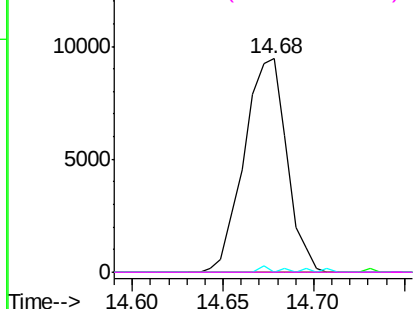
#56
 2,4-Dinitrotoluene
 Concen: 6.928 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.37 min
 Lab File: BG035345.D
 Acq: 22 Jun 2018 22:37

Instrument :
 BNA_G
 ClientSampleId :
 SC-02-AB

Tgt Ion:165 Resp: 15462
 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#

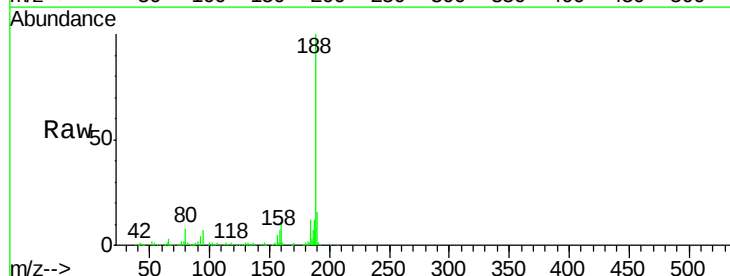


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

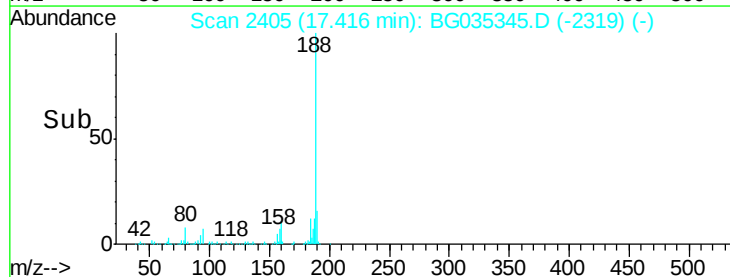
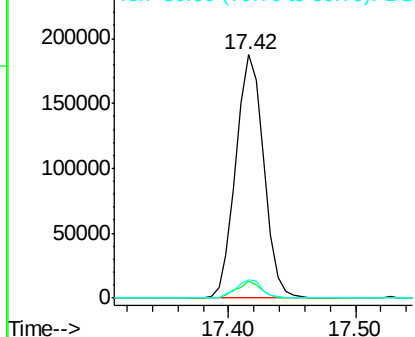


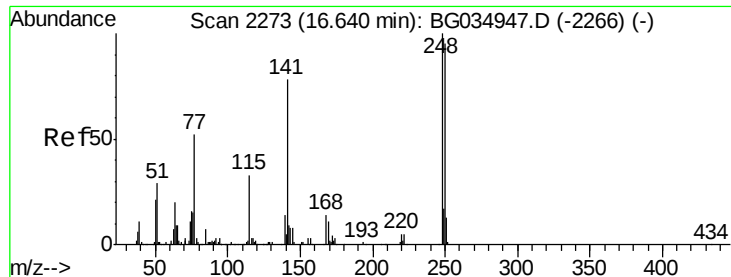
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2405
 Delta R.T. -0.02 min
 Lab File: BG035345.D
 Acq: 22 Jun 2018 22:37

Tgt Ion:188 Resp: 287028
 Ion Ratio Lower Upper
 188 100
 94 7.0 6.9 10.3
 80 7.8 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

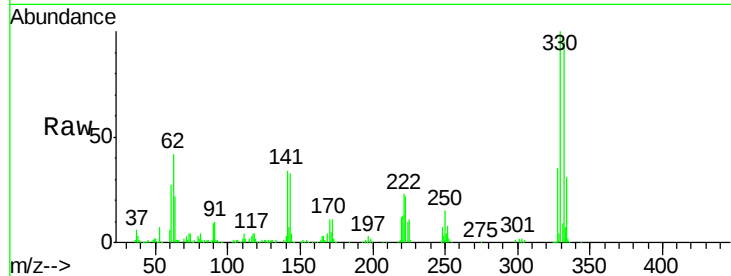




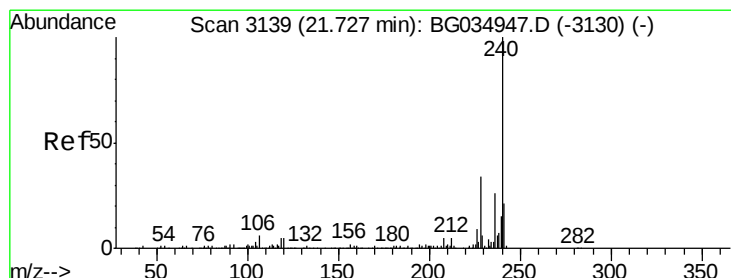
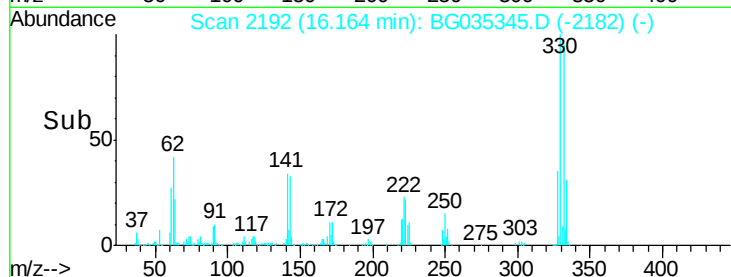
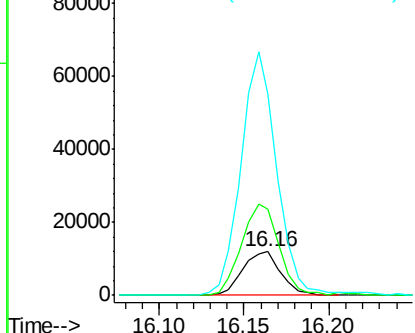
#66
 4-Bromophenyl-phenylether
 Concen: 5.437 ng
 RT: 16.16 min Scan# 2192
 Delta R.T. -0.47 min
 Lab File: BG035345.D
 Acq: 22 Jun 2018 22:37

Instrument :
 BNA_G
 ClientSampleId :
 SC-02-AB

Tgt Ion:248 Resp: 18793
 Ion Ratio Lower Upper
 248 100
 250 198.8 77.1 115.7#
 141 464.7 50.8 76.2#

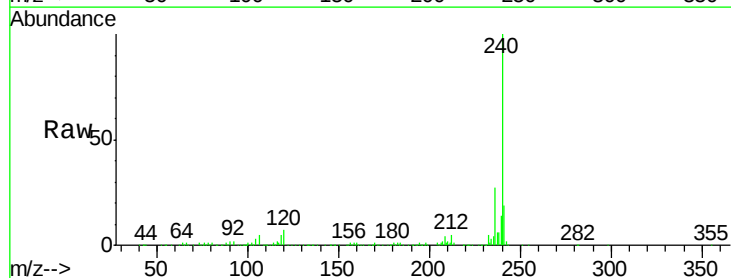


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

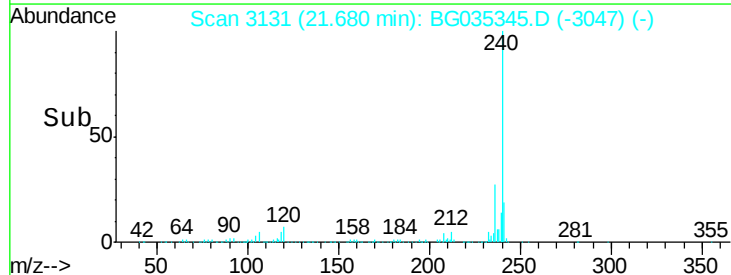
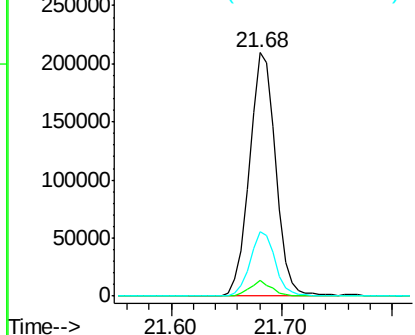


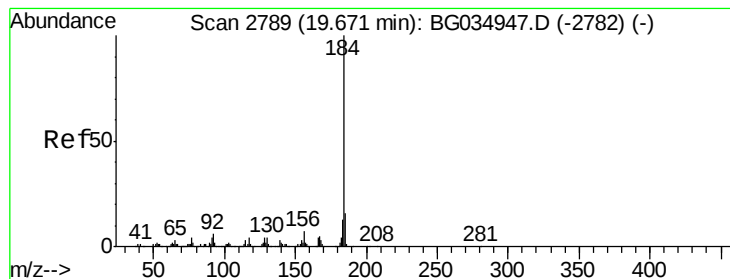
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3131
 Delta R.T. -0.04 min
 Lab File: BG035345.D
 Acq: 22 Jun 2018 22:37

Tgt Ion:240 Resp: 348602
 Ion Ratio Lower Upper
 240 100
 120 6.6 6.8 10.2#
 236 26.6 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: 2.136 ng

RT: 20.02 min Scan# 2849

Delta R.T. 0.36 min

Lab File: BG035345.D

Acq: 22 Jun 2018 22:37

Instrument :

BNA_G

ClientSampleId :

SC-02-AB

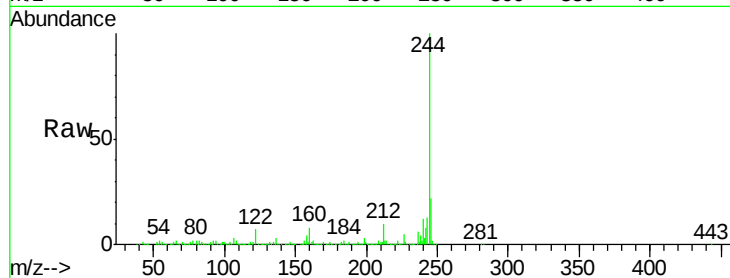
Tgt Ion:184 Resp: 27699

Ion Ratio Lower Upper

184 100

185 15.2 11.1 16.7

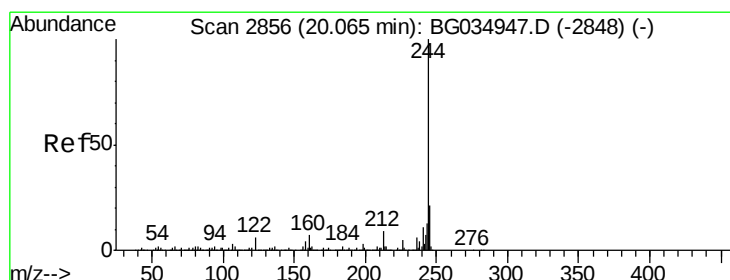
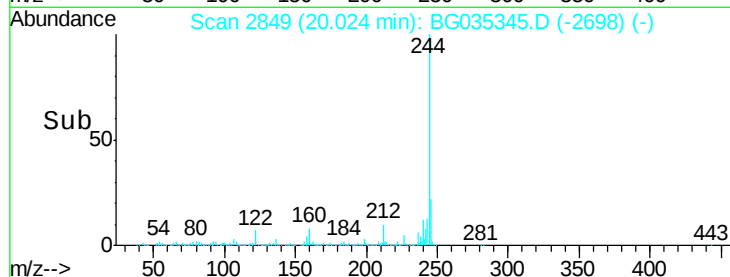
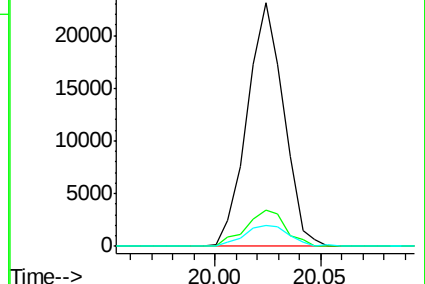
183 8.5 10.6 16.0#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 97.349 ng

RT: 20.02 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BG035345.D

Acq: 22 Jun 2018 22:37

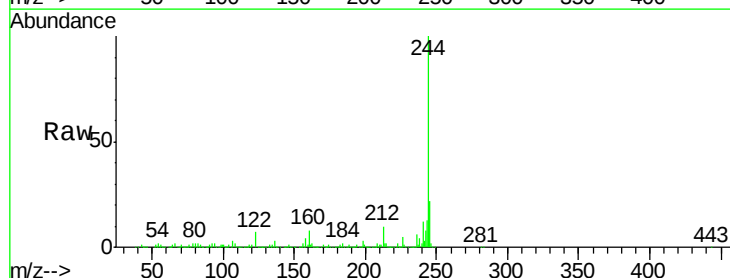
Tgt Ion:244 Resp: 1620109

Ion Ratio Lower Upper

244 100

212 9.8 5.8 8.8#

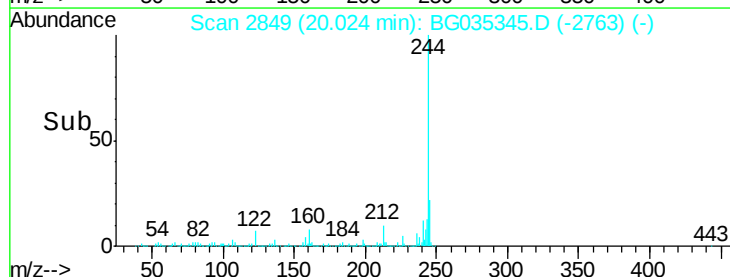
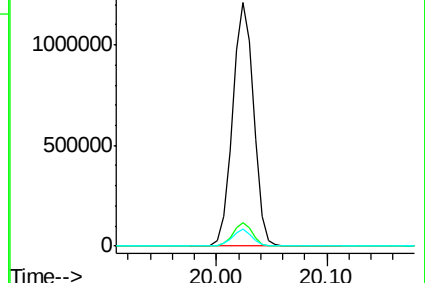
122 6.8 7.0 10.4#

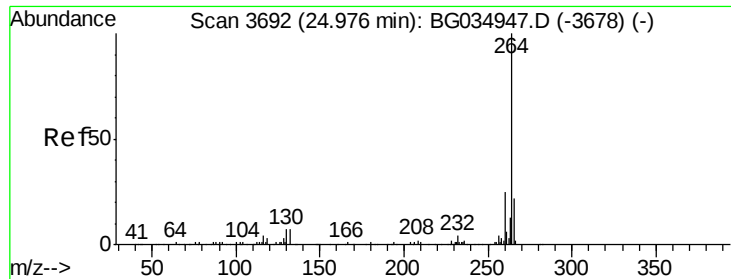


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.90 min Scan# 3679
Delta R.T. -0.05 min
Lab File: BG035345.D
Acq: 22 Jun 2018 22:37

Instrument :
BNA_G
ClientSampleId :
SC-02-AB

Tgt Ion: 264 Resp: 292741

Ion	Ratio	Lower	Upper
264	100		
260	24.3	17.4	26.0
265	21.7	17.7	26.5

