

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062818\
 Data File : BG035502.D
 Acq On : 29 Jun 2018 6:39
 Operator : JU/SJ
 Sample : J3718-07
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W-34

Quant Time: Jun 29 07:36:29 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

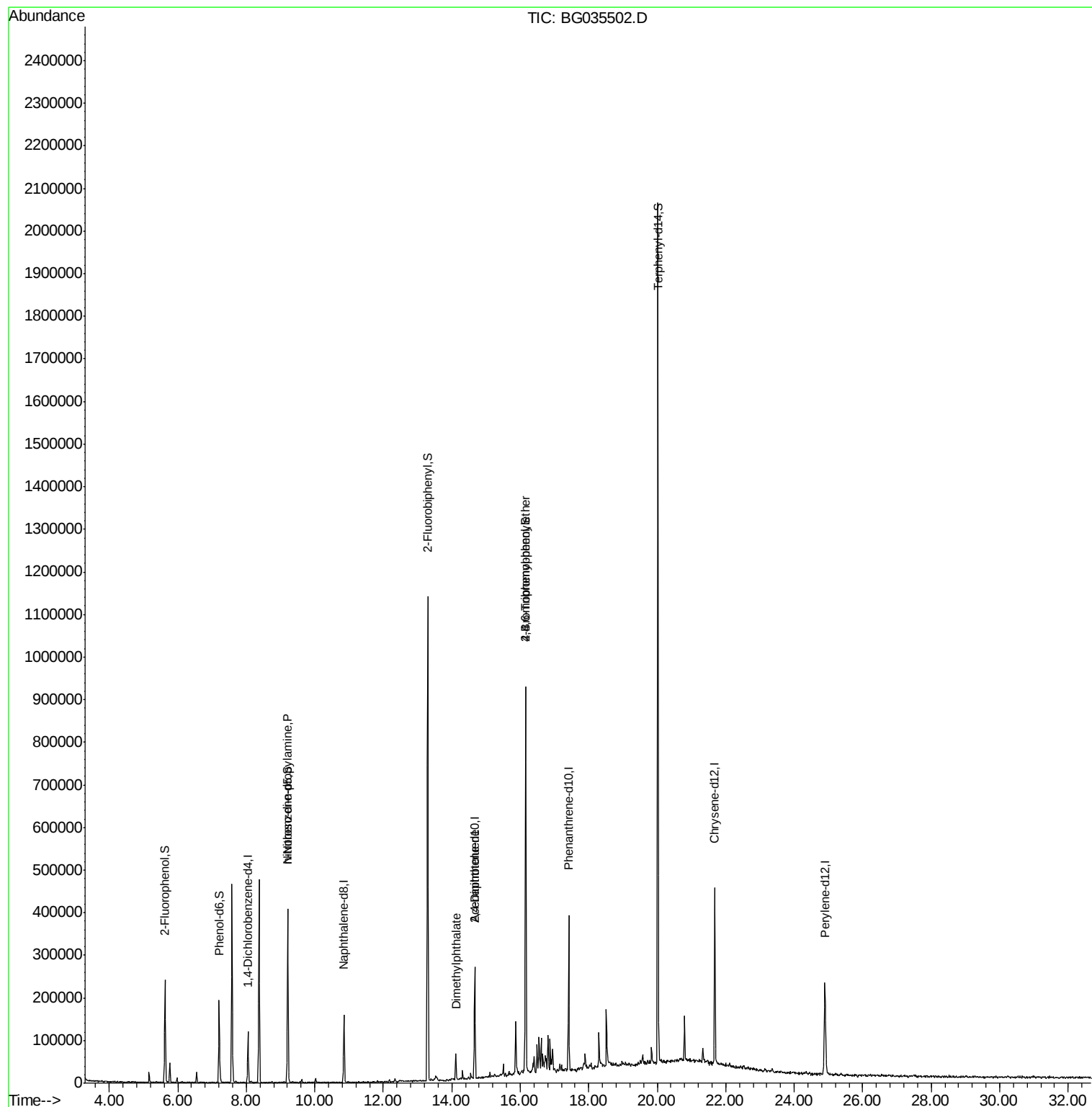
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	33545	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	130755	20.00	ng	-0.03
38) Acenaphthene-d10	14.67	164	92229	20.00	ng	-0.03
63) Phenanthrene-d10	17.42	188	233182	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	261150	20.00	ng	-0.04
86) Perylene-d12	24.89	264	251127	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	106778	53.72	ng	-0.02
7) Phenol-d6	7.21	99	123483	42.09	ng	-0.01
23) Nitrobenzene-d5	9.21	82	272867	99.20	ng	-0.03
41) 2,4,6-Tribromophenol	16.16	330	170692	144.57	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	625738	88.20	ng	-0.03
78) Terphenyl-d14	20.02	244	1017859	81.64	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	38008	15.249	ng	# 64
49) Dimethylphthalate	14.12	163	40471	5.032	ng	# 95
56) 2,4-Dinitrotoluene	14.67	165	12719	6.526	ng	# 18
66) 4-Bromophenyl-phenylether	16.16	248	13118	4.672	ng	# 1

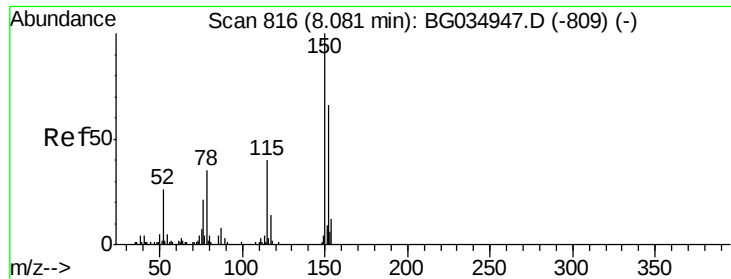
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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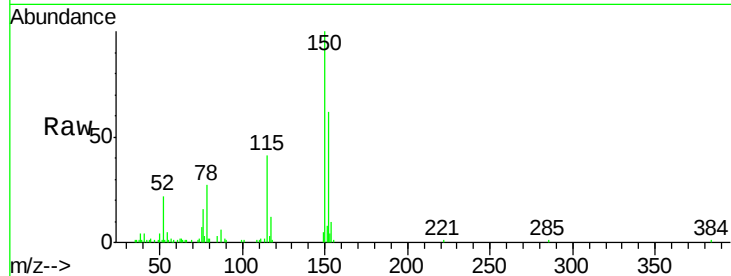


#1

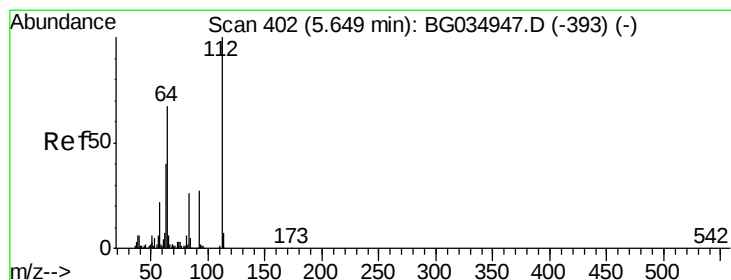
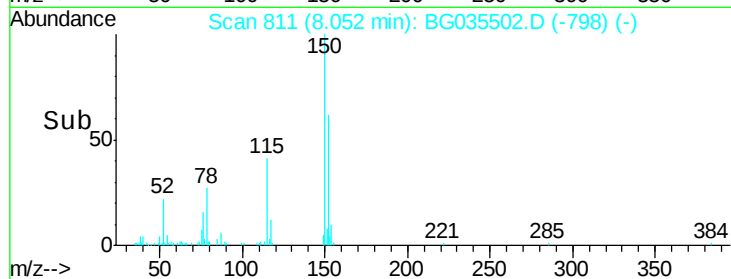
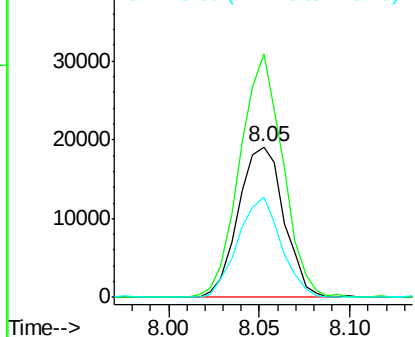
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.02 min
Lab File: BG035502.D
Acq: 29 Jun 2018 6:39

Instrument :
BNA_G
ClientSampleId :
W-34

Tgt Ion	Ratio	Lower	Upper
152	100		
150	162.1	126.6	189.8
115	66.6	53.0	79.4



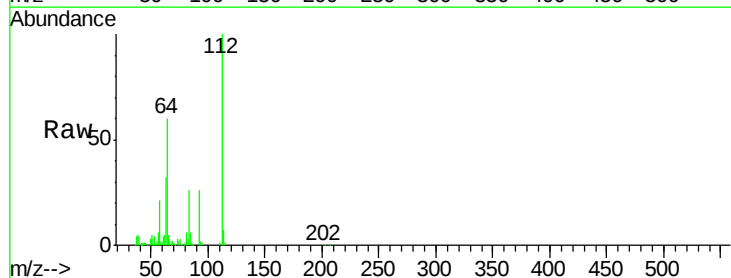
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



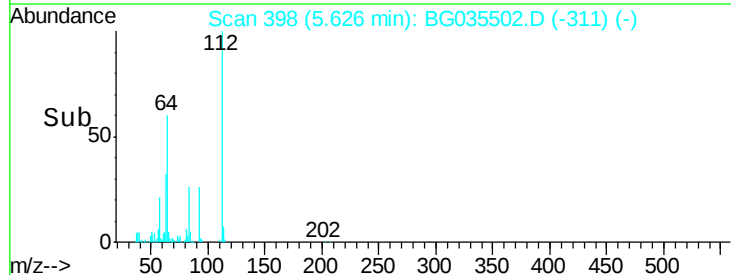
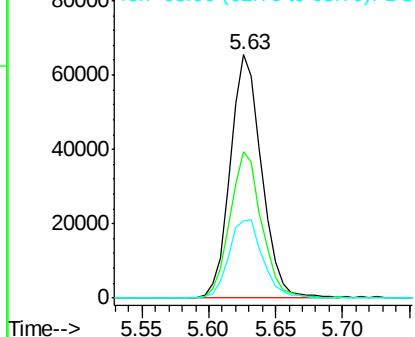
#5

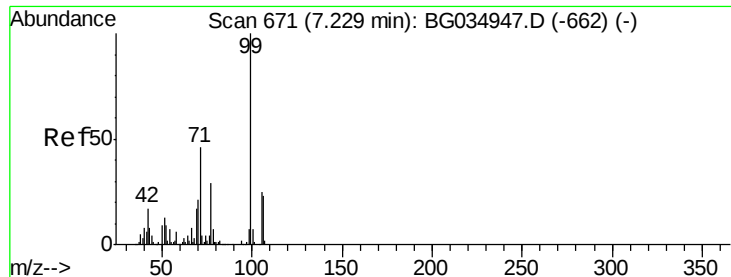
2-Fluorophenol
Concen: 53.719 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.02 min
Lab File: BG035502.D
Acq: 29 Jun 2018 6:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.2	56.3	84.5
63	31.9	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: 42.090 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035502.D

Acq: 29 Jun 2018 6:39

Instrument :

BNA_G

ClientSampleId :

W-34

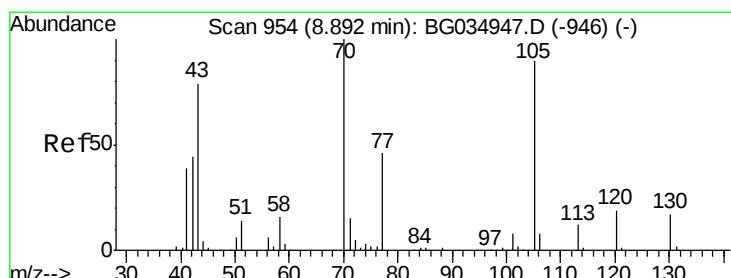
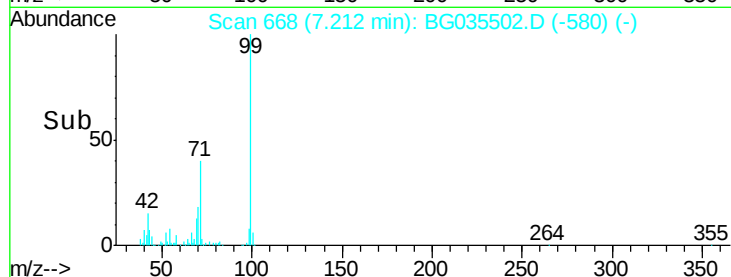
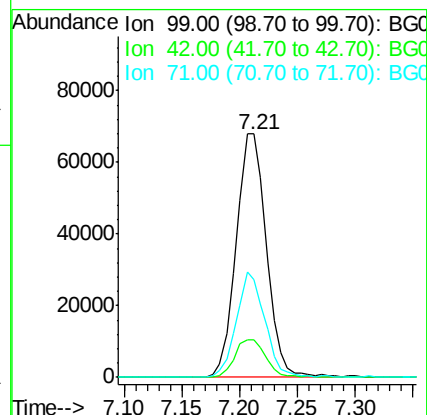
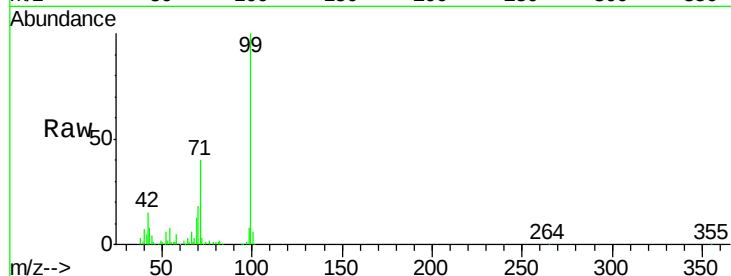
Tgt Ion: 99 Resp: 123483

Ion Ratio Lower Upper

99 100

42 15.2 14.1 21.1

71 39.9 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 15.249 ng

RT: 9.21 min Scan# 1008

Delta R.T. 0.33 min

Lab File: BG035502.D

Acq: 29 Jun 2018 6:39

Tgt Ion: 70 Resp: 38008

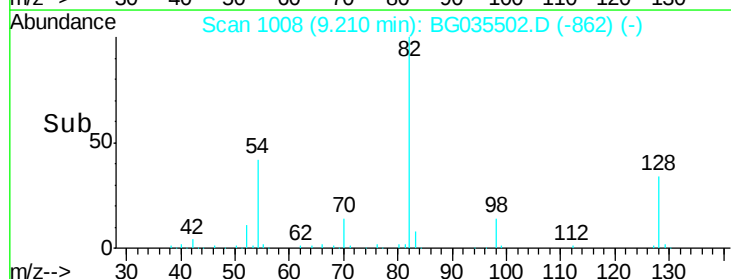
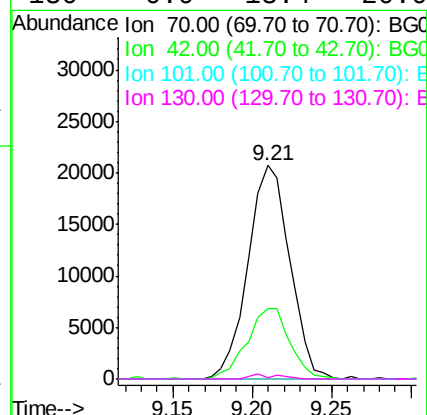
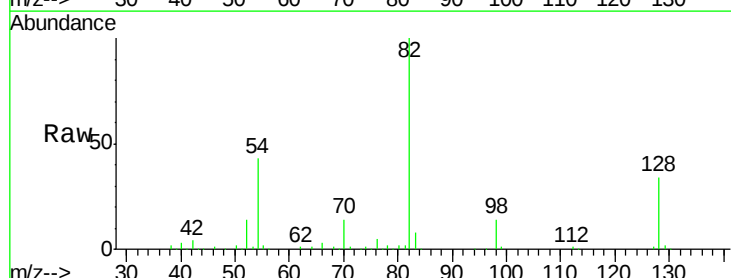
Ion Ratio Lower Upper

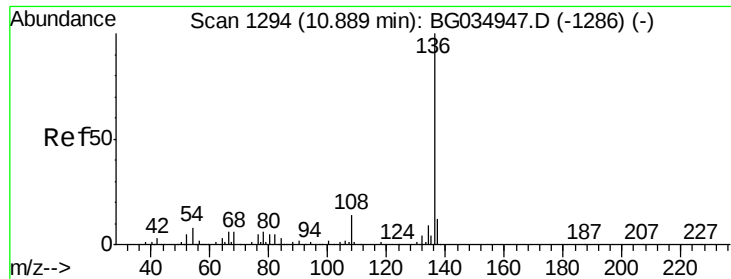
70 100

42 33.0 49.1 73.7#

101 0.0 8.5 12.7#

130 0.9 13.4 20.0#

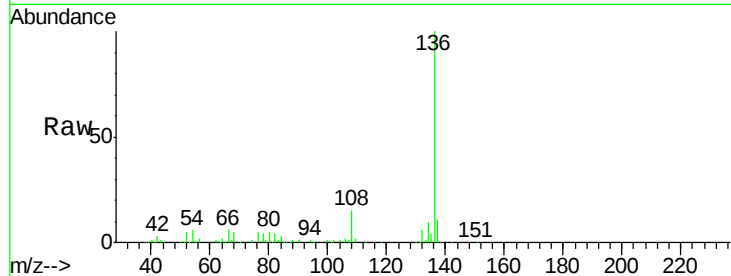




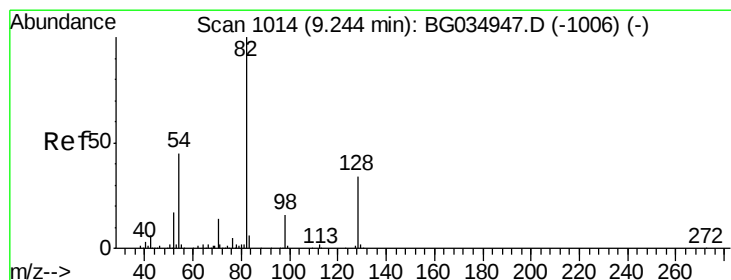
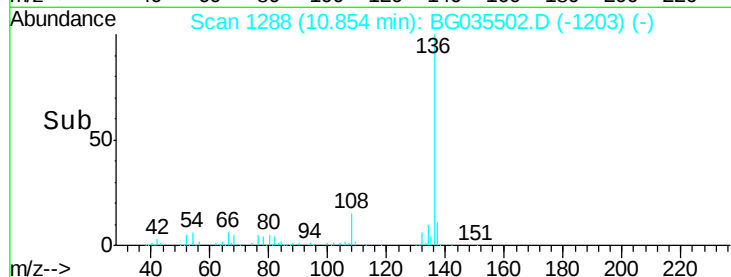
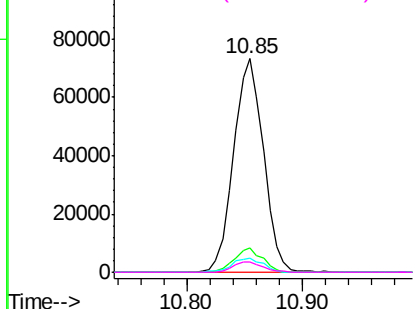
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1288
Delta R.T. -0.03 min
Lab File: BG035502.D
Acq: 29 Jun 2018 6:39

Instrument :
BNA_G
ClientSampled :
W-34

Tgt Ion:	136	Resp:	130755
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.2	13.8
54	6.4	10.3	15.5#
68	4.6	4.5	6.7

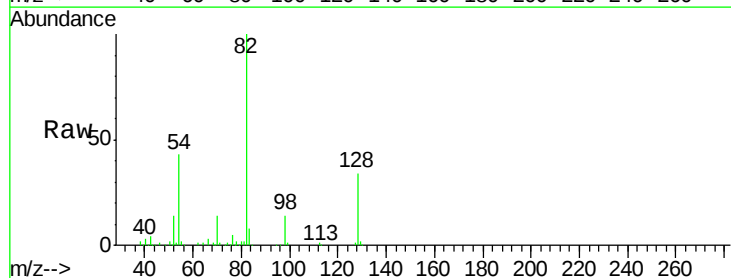


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

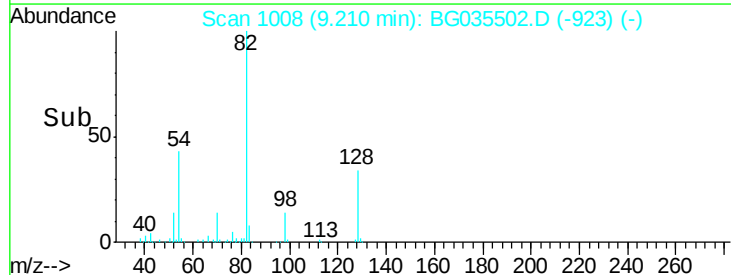
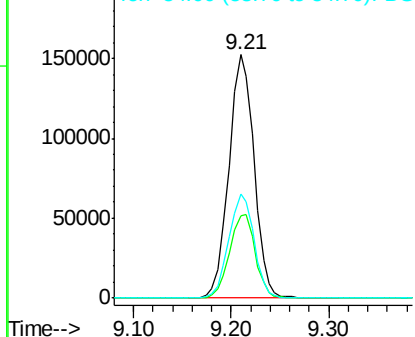


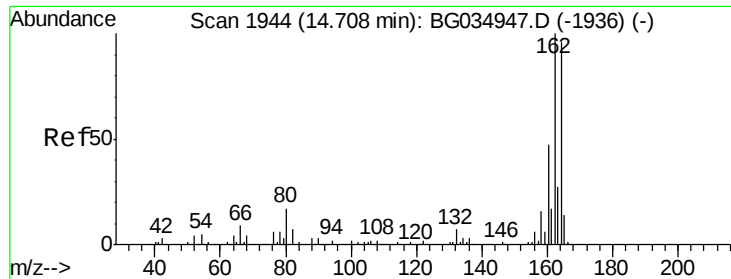
#23
Nitrobenzene-d5
Concen: 99.197 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.03 min
Lab File: BG035502.D
Acq: 29 Jun 2018 6:39

Tgt Ion:	82	Resp:	272867
Ion	Ratio	Lower	Upper
82	100		
128	33.7	29.7	44.5
54	42.8	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# 1937

Delta R.T. -0.03 min

Lab File: BG035502.D

Acq: 29 Jun 2018 6:39

Instrument :

BNA_G

ClientSampleId :

W-34

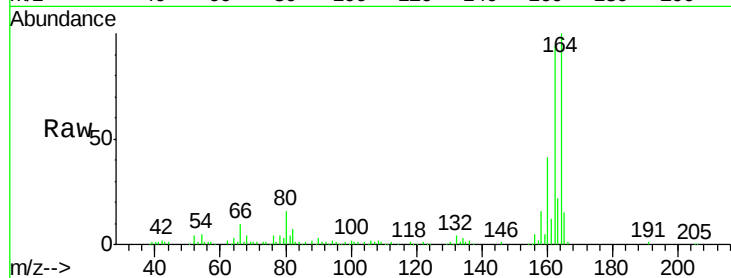
Tgt Ion:164 Resp: 92229

Ion Ratio Lower Upper

164 100

162 94.3 78.8 118.2

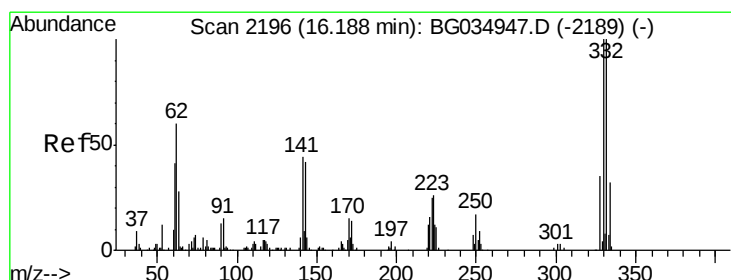
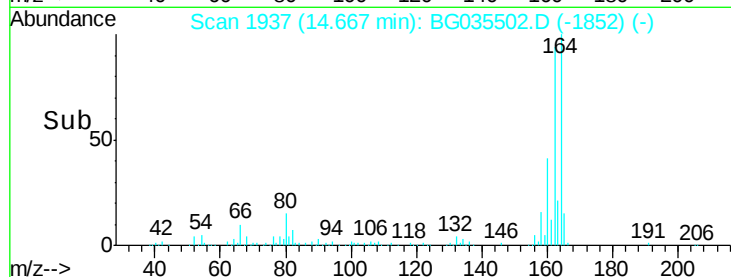
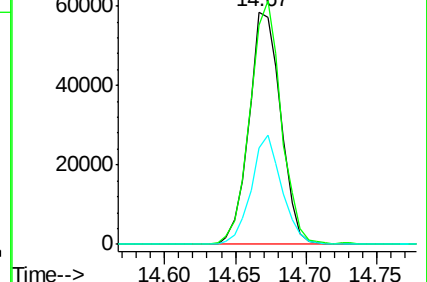
160 41.5 35.4 53.0



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: 144.575 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.02 min

Lab File: BG035502.D

Acq: 29 Jun 2018 6:39

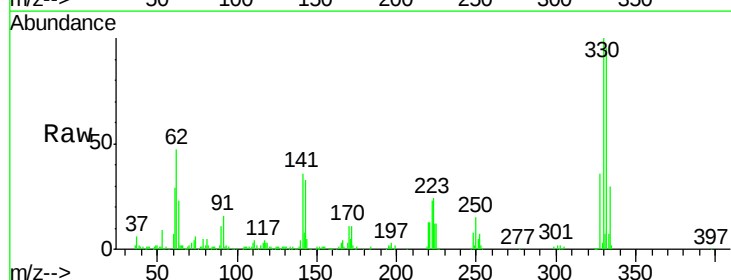
Tgt Ion:330 Resp: 170692

Ion Ratio Lower Upper

330 100

332 96.7 77.0 115.6

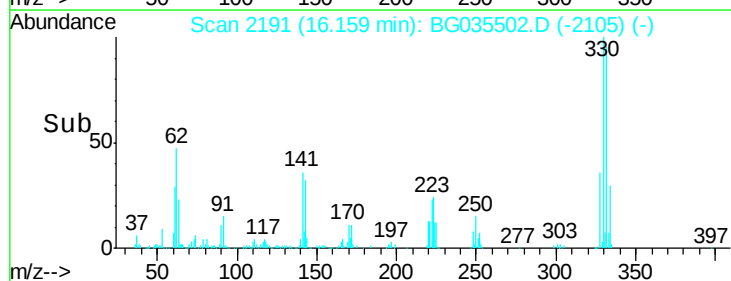
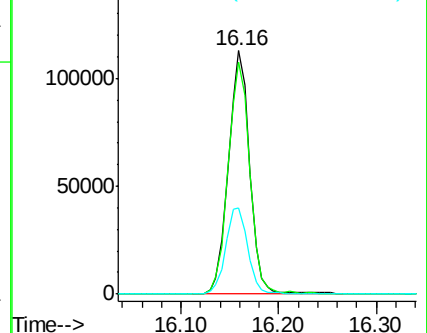
141 37.0 25.2 37.8

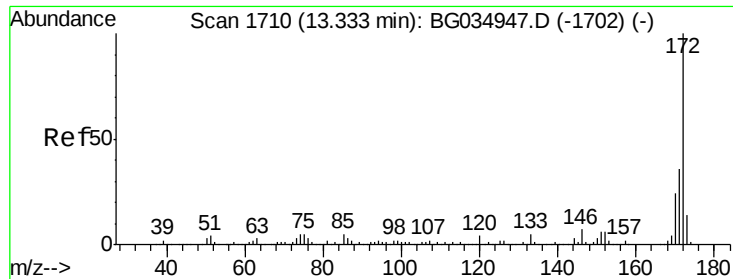


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

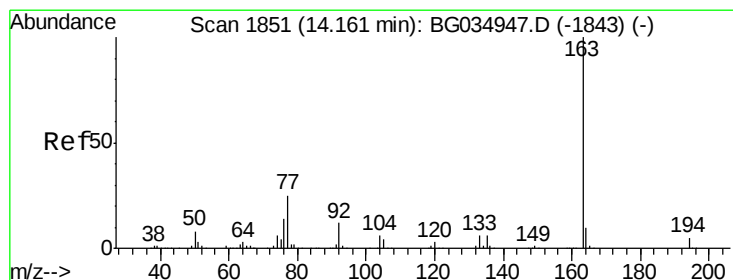
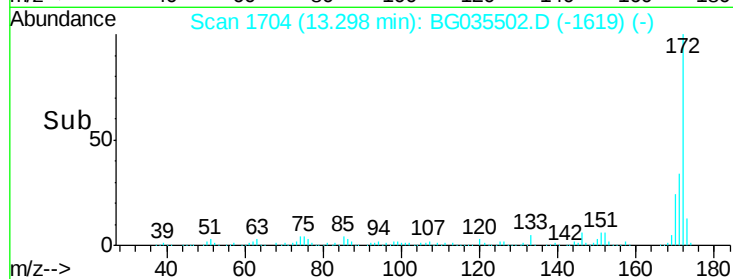
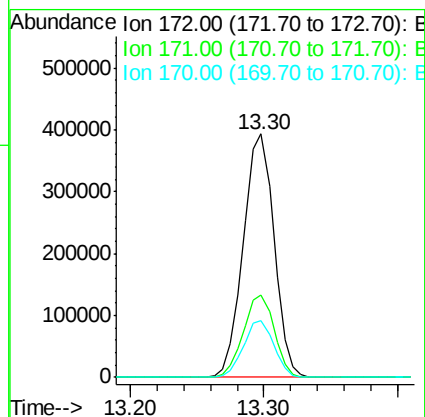
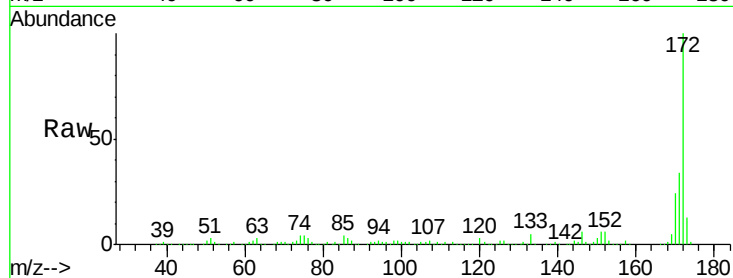




#44
 2-Fluorobiphenyl
 Concen: 88.200 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.03 min
 Lab File: BG035502.D
 Acq: 29 Jun 2018 6:39

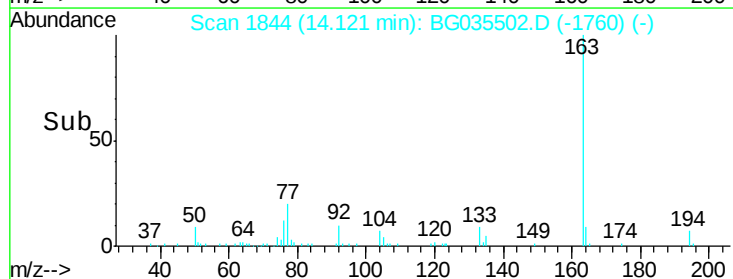
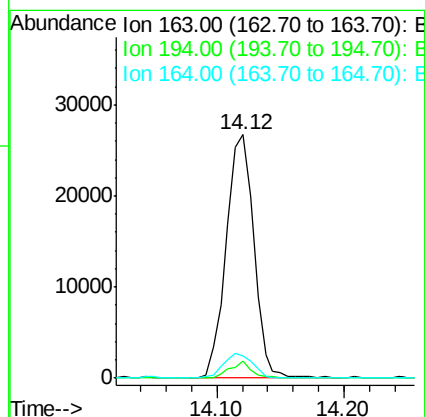
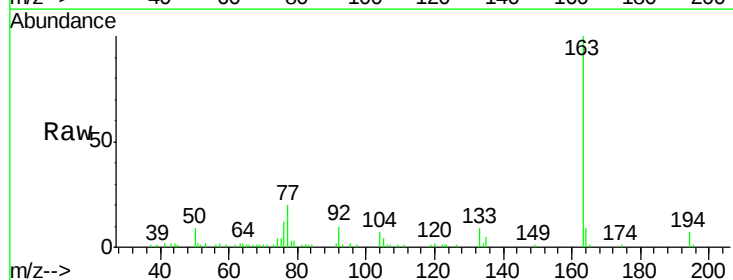
Instrument :
 BNA_G
 ClientSampleId :
 W-34

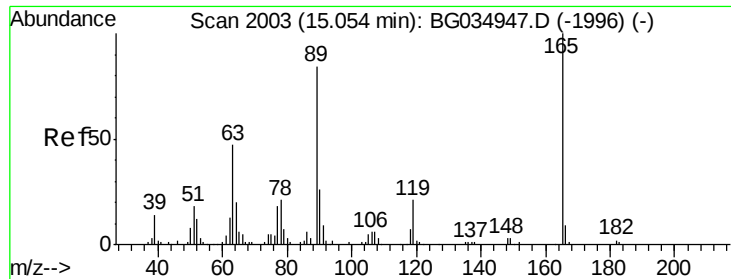
Tgt Ion:172 Resp: 625738
 Ion Ratio Lower Upper
 172 100
 171 33.7 30.0 45.0
 170 23.5 19.5 29.3



#49
 Dimethylphthalate
 Concen: 5.032 ng
 RT: 14.12 min Scan# 1844
 Delta R.T. -0.04 min
 Lab File: BG035502.D
 Acq: 29 Jun 2018 6:39

Tgt Ion:163 Resp: 40471
 Ion Ratio Lower Upper
 163 100
 194 7.0 3.4 5.2#
 164 9.1 8.2 12.4

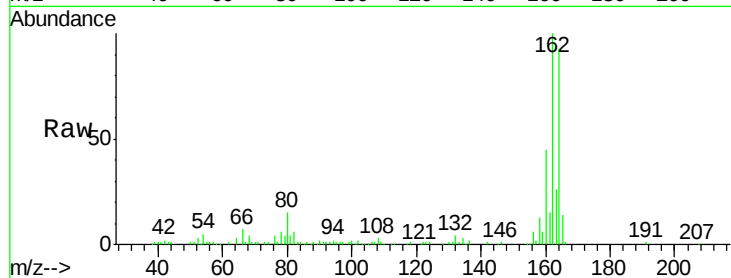




#56
 2,4-Dinitrotoluene
 Concen: 6.526 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. -0.38 min
 Lab File: BG035502.D
 Acq: 29 Jun 2018 6:39

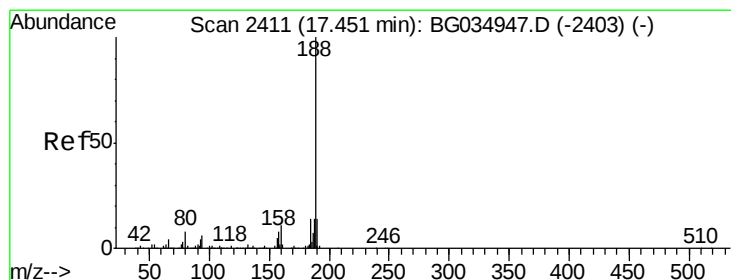
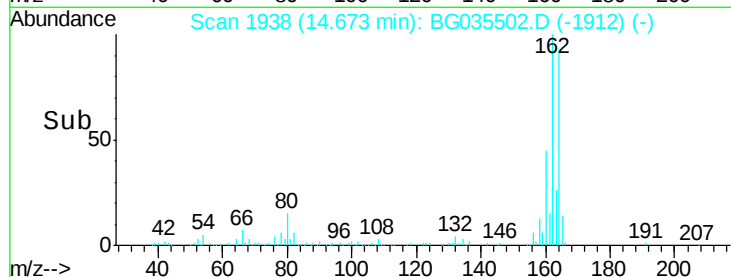
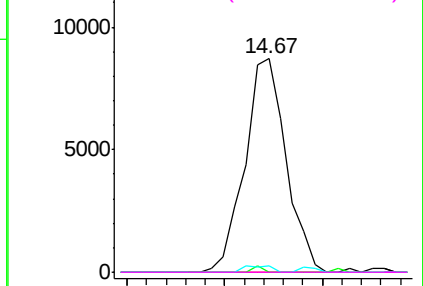
Instrument :
 BNA_G
 ClientSampleId :
 W-34

Tgt Ion:165 Resp: 12719
 Ion Ratio Lower Upper
 165 100
 63 0.0 42.0 63.0#
 89 3.0 66.9 100.3#
 182 0.0 2.6 3.8#



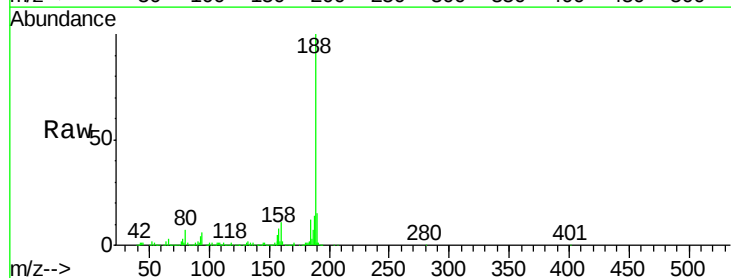
Abundance Ion 165.00 (164.70 to 165.70): E

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



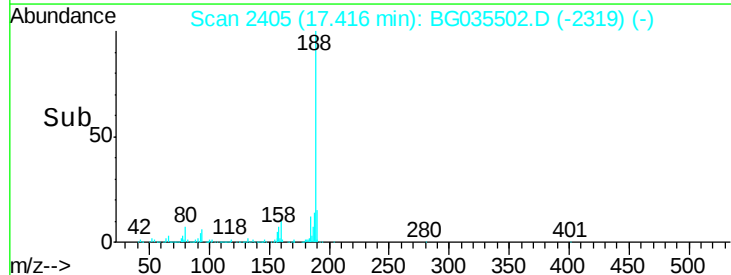
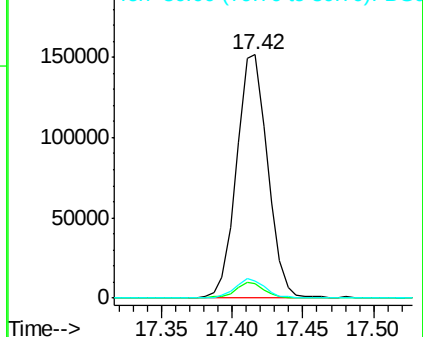
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2405
 Delta R.T. -0.02 min
 Lab File: BG035502.D
 Acq: 29 Jun 2018 6:39

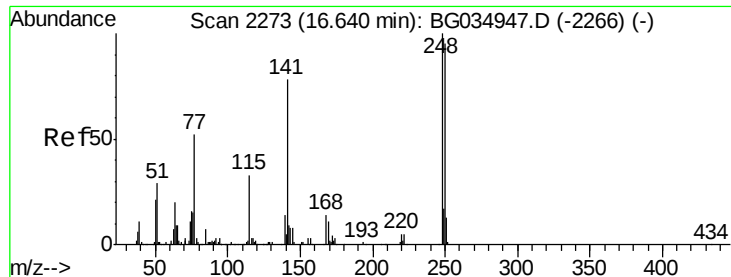
Tgt Ion:188 Resp: 233182
 Ion Ratio Lower Upper
 188 100
 94 5.8 6.9 10.3#
 80 7.2 7.7 11.5#



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

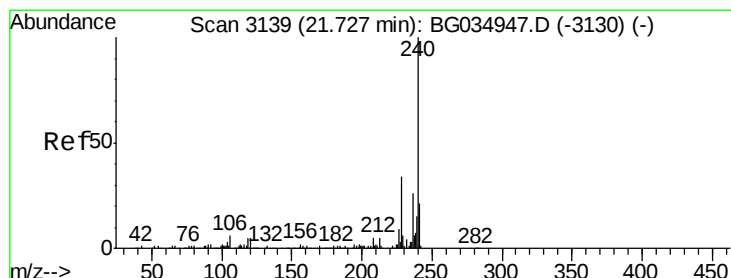
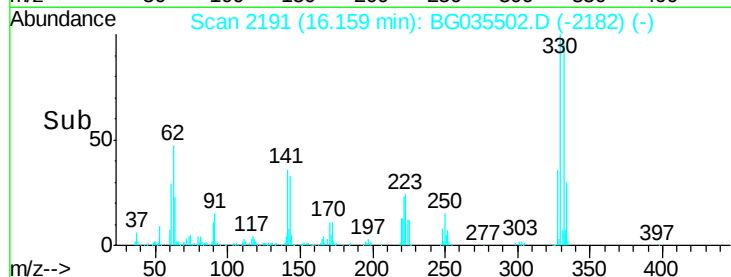
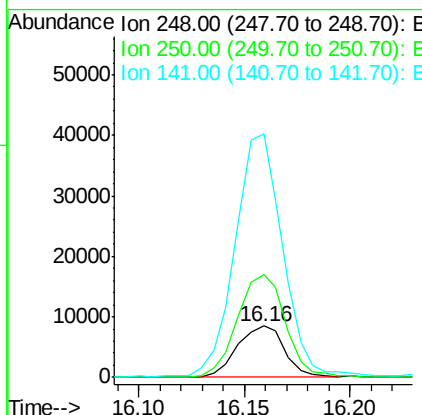
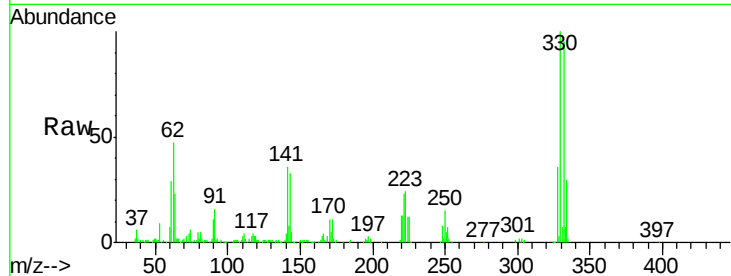




#66
4-Bromophenyl-phenylether
Concen: 4.672 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.48 min
Lab File: BG035502.D
Acq: 29 Jun 2018 6:39

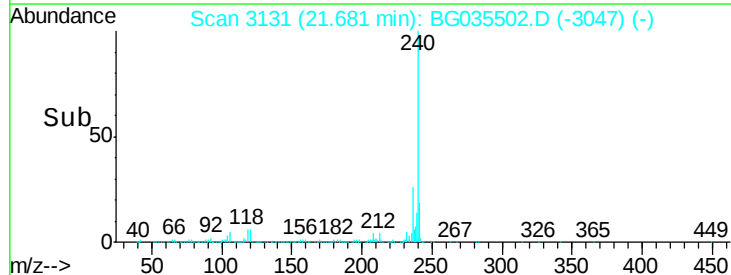
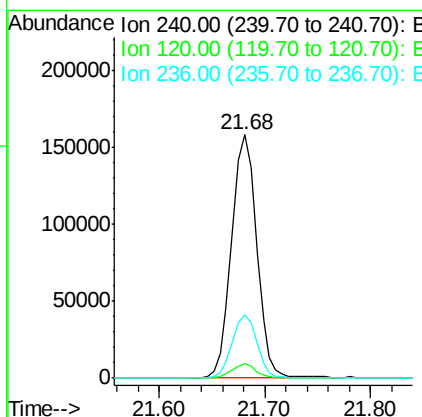
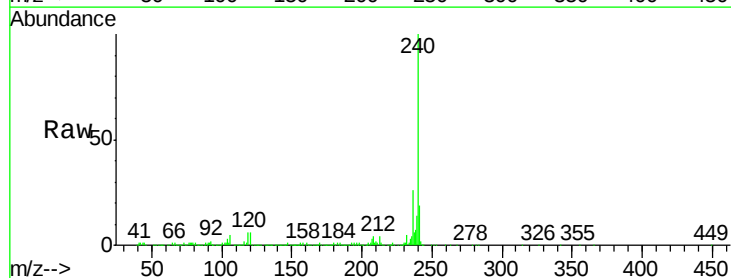
Instrument :
BNA_G
ClientSampled :
W-34

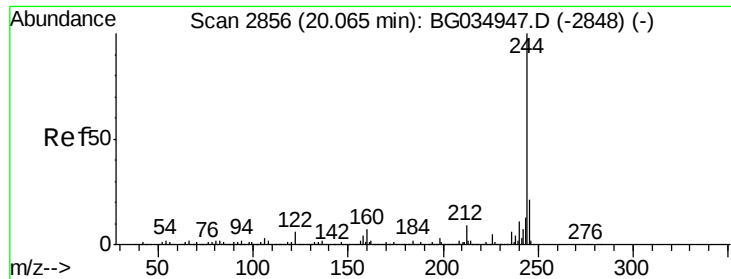
Tgt Ion:248 Resp: 13118
Ion Ratio Lower Upper
248 100
250 198.9 77.1 115.7#
141 473.5 50.8 76.2#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.04 min
Lab File: BG035502.D
Acq: 29 Jun 2018 6:39

Tgt Ion:240 Resp: 261150
Ion Ratio Lower Upper
240 100
120 6.2 6.8 10.2#
236 26.1 20.9 31.3





#78

Terphenyl-d14

Concen: 81.642 ng

RT: 20.02 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BG035502.D

Acq: 29 Jun 2018 6:39

Instrument :

BNA_G

ClientSampleId :

W-34

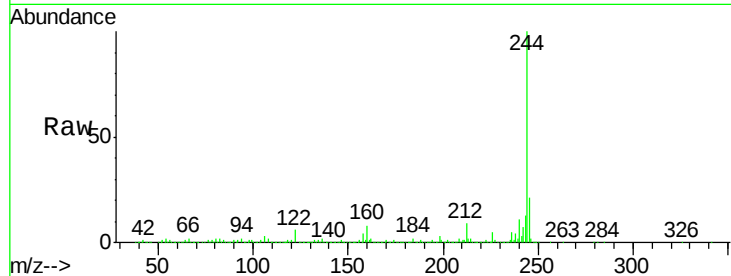
Tgt Ion:244 Resp: 1017859

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

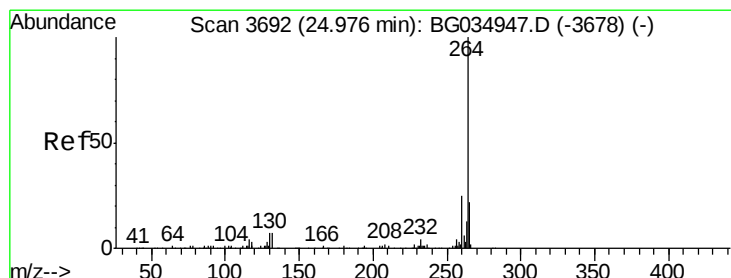
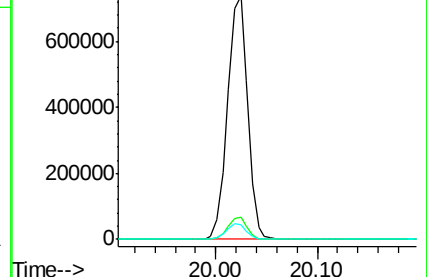
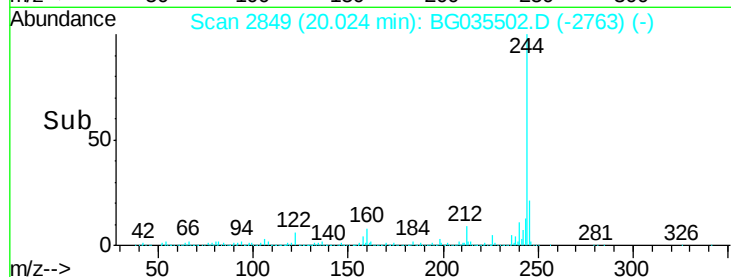
122 6.1 7.0 10.4#



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: 24.89 min Scan# 3678

Delta R.T. -0.06 min

Lab File: BG035502.D

Acq: 29 Jun 2018 6:39

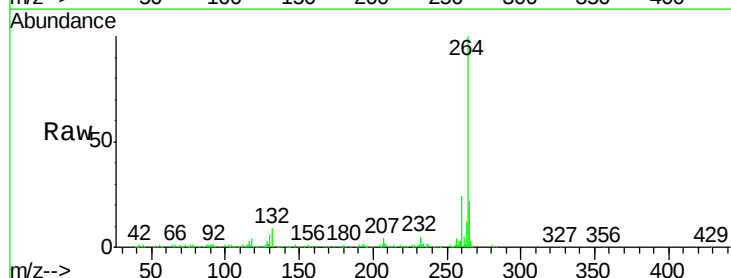
Tgt Ion:264 Resp: 251127

Ion Ratio Lower Upper

264 100

260 24.0 17.4 26.0

265 21.7 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

