

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG061818\
 Data File : BG035222.D
 Acq On : 18 Jun 2018 17:13
 Operator : SJ/JU
 Sample : J3464-11
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-42-COMP

Quant Time: Jun 18 17:46:30 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

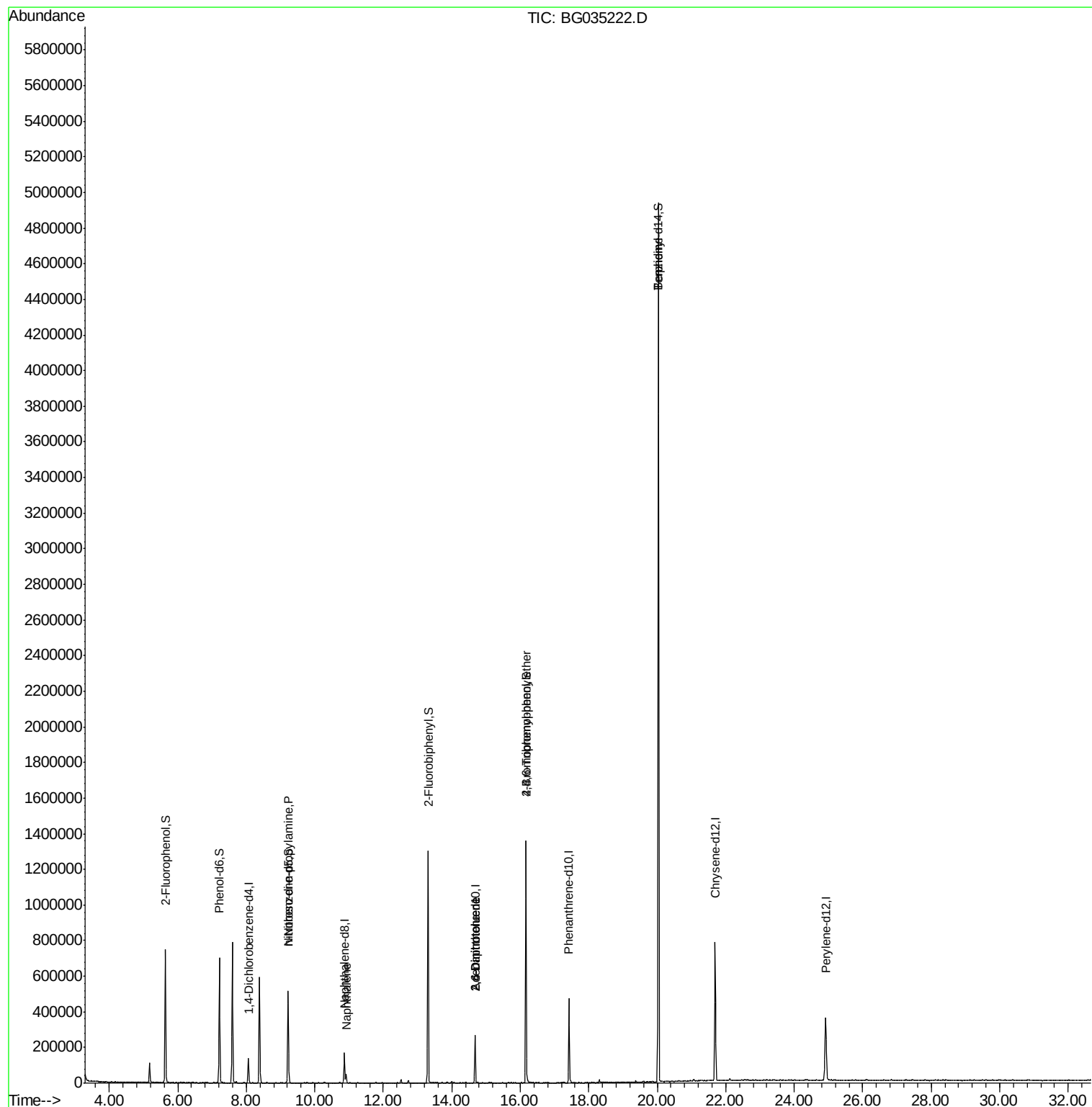
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	39676	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	139775	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	95547	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	308168	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	490869	20.00	ng	-0.02
86) Perylene-d12	24.92	264	404508	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	326627	138.93	ng	0.00
7) Phenol-d6	7.22	99	423046	121.92	ng	0.00
23) Nitrobenzene-d5	9.22	82	338532	115.13	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	255286	208.72	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	729862	99.30	ng	-0.02
78) Terphenyl-d14	20.04	244	2326154	99.26	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	45094	15.296	ng	Qvalue # 66
31) Naphthalene	10.92	128	39460	5.434	ng	# 96
50) 2,6-Dinitrotoluene	14.68	165	12428	8.176	ng	# 21
56) 2,4-Dinitrotoluene	14.68	165	12428	6.155	ng	# 19
66) 4-Bromophenyl-phenylether	16.17	248	19686	5.305	ng	# 1
76) Benzidine	20.04	184	42679	2.337	ng	# 85

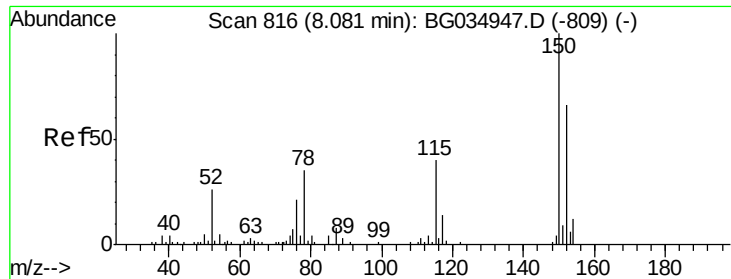
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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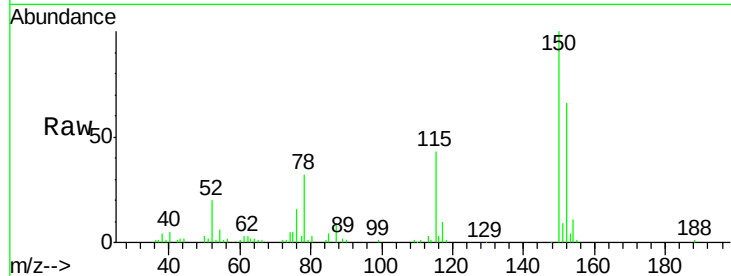


#1

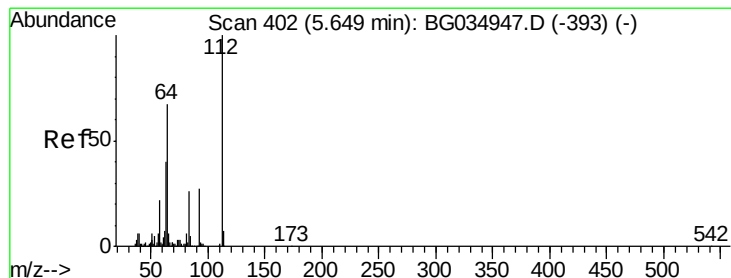
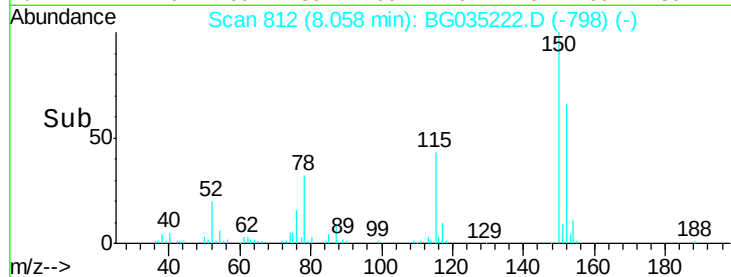
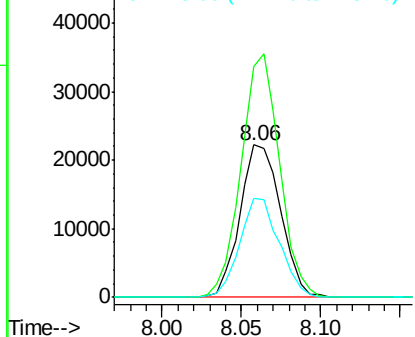
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.02 min
Lab File: BG035222.D
Acq: 18 Jun 2018 17:13

Instrument :
BNA_G
ClientSampleId :
SB-42-COMP

Tgt Ion:152 Resp: 39676
Ion Ratio Lower Upper
152 100
150 151.2 126.6 189.8
115 65.3 53.0 79.4



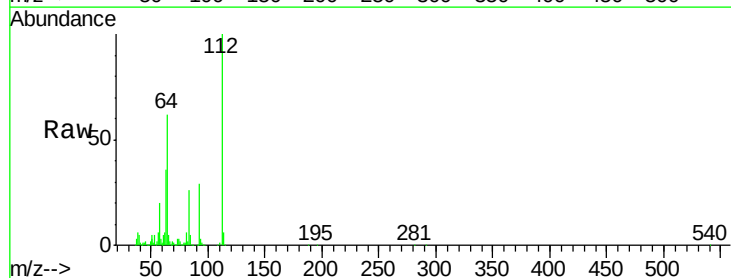
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



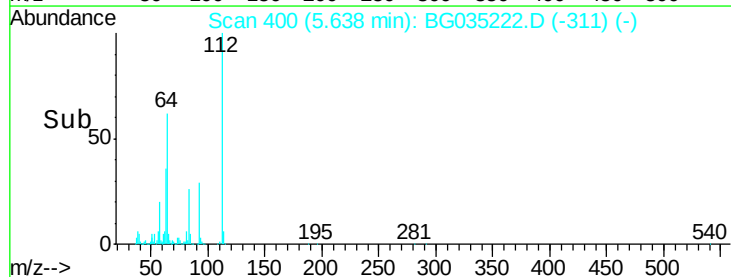
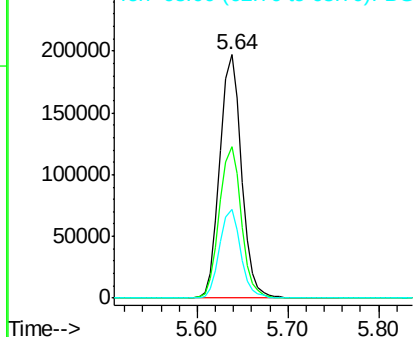
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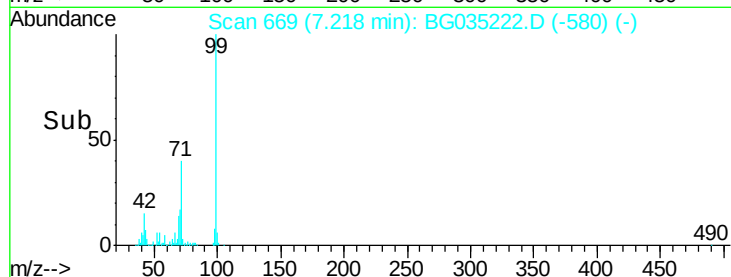
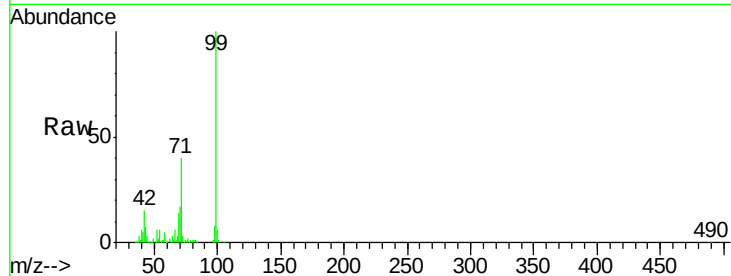
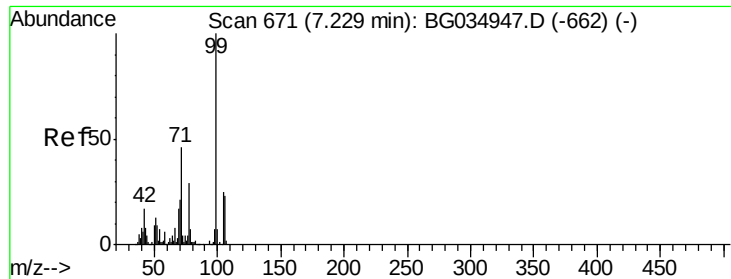
2-Fluorophenol
Concen: 138.930 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG035222.D
Acq: 18 Jun 2018 17:13

Tgt Ion:112 Resp: 326627
Ion Ratio Lower Upper
112 100
64 62.4 56.3 84.5
63 36.5 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: 121.916 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG035222.D

Acq: 18 Jun 2018 17:13

Instrument :

BNA_G

ClientSampleId :

SB-42-COMP

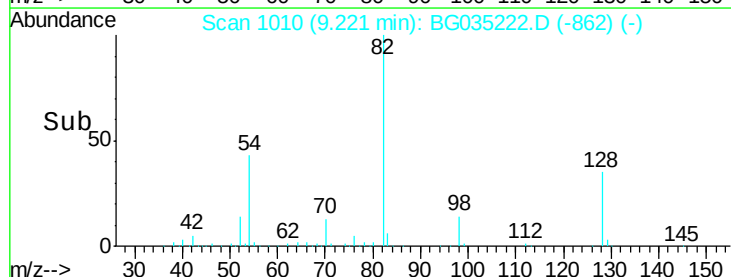
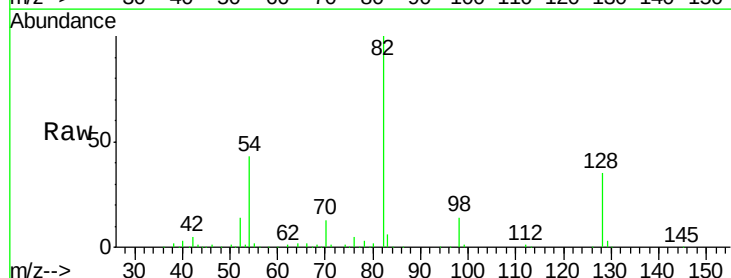
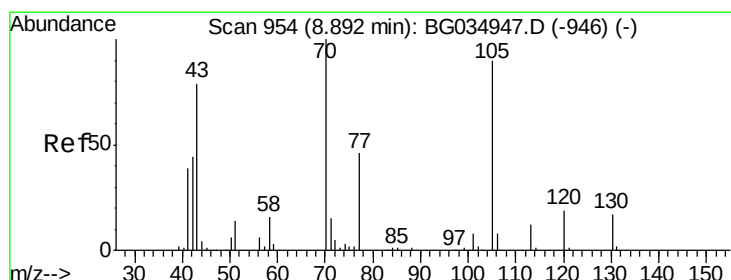
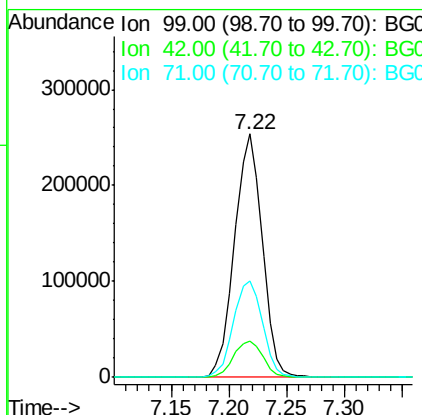
Tgt Ion: 99 Resp: 423046

Ion Ratio Lower Upper

99 100

42 15.0 14.1 21.1

71 39.8 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 15.296 ng

RT: 9.22 min Scan# 1010

Delta R.T. 0.34 min

Lab File: BG035222.D

Acq: 18 Jun 2018 17:13

Tgt Ion: 70 Resp: 45094

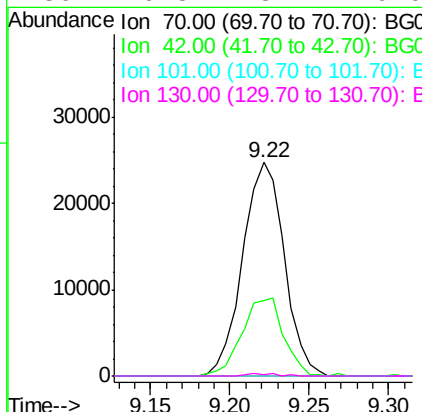
Ion Ratio Lower Upper

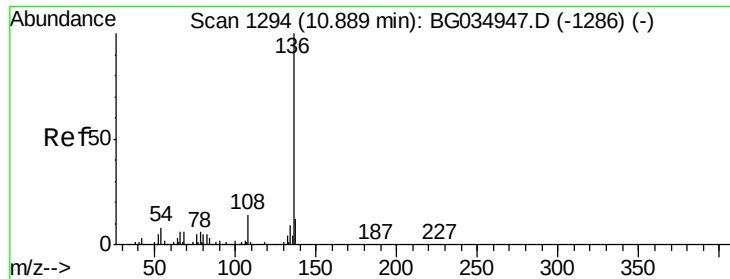
70 100

42 35.7 49.1 73.7#

101 0.0 8.5 12.7#

130 0.8 13.4 20.0#

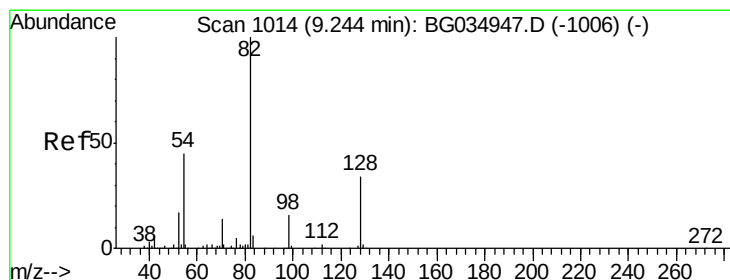
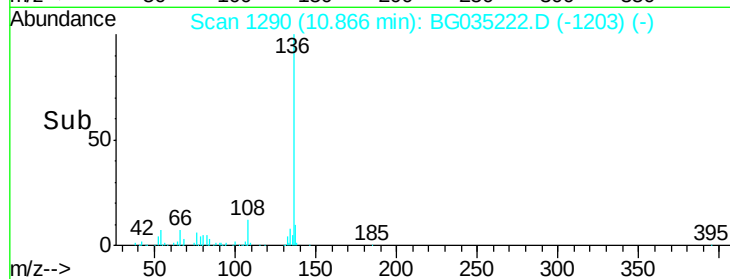
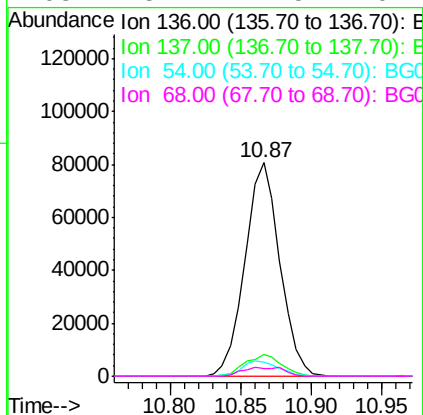
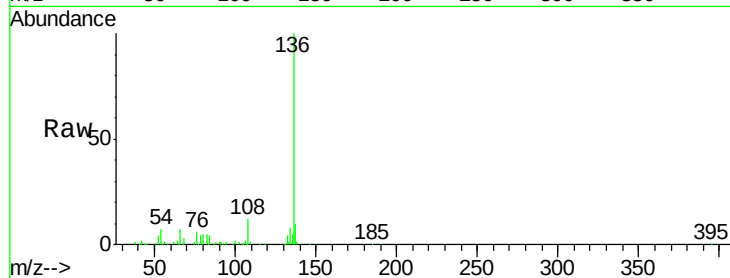




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BG035222.D
Acq: 18 Jun 2018 17:13

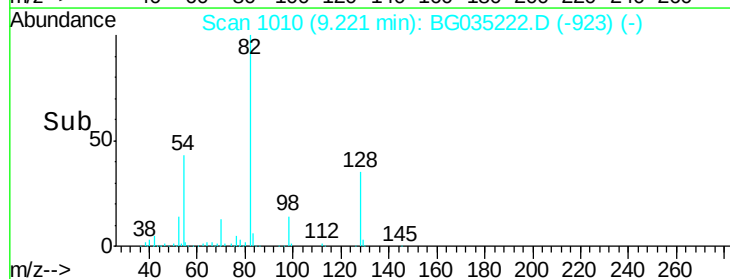
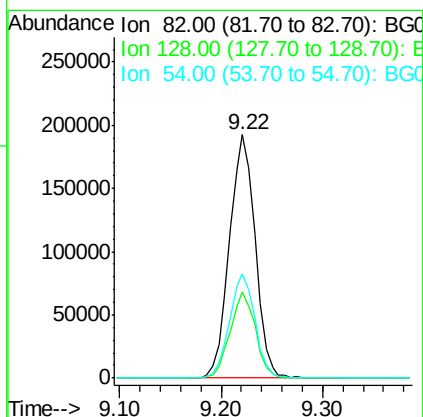
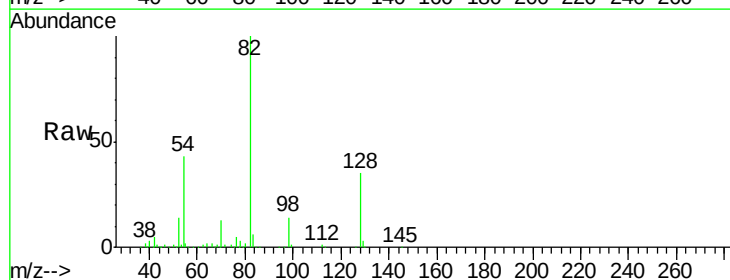
Instrument :
BNA_G
ClientSampleId :
SB-42-COMP

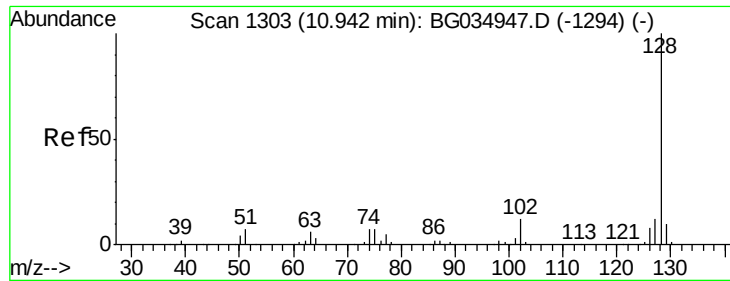
Tgt Ion:	136	Resp:	139775
Ion	Ratio	Lower	Upper
136	100		
137	10.1	9.2	13.8
54	6.8	10.3	15.5#
68	3.4	4.5	6.7#



#23
Nitrobenzene-d5
Concen: 115.127 ng
RT: 9.22 min Scan# 1010
Delta R.T. -0.02 min
Lab File: BG035222.D
Acq: 18 Jun 2018 17:13

Tgt Ion:	82	Resp:	338532
Ion	Ratio	Lower	Upper
82	100		
128	35.3	29.7	44.5
54	42.7	43.1	64.7#

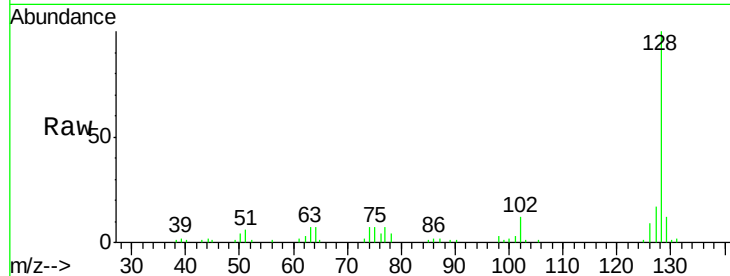




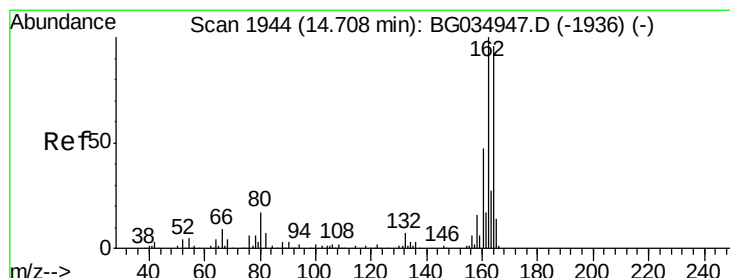
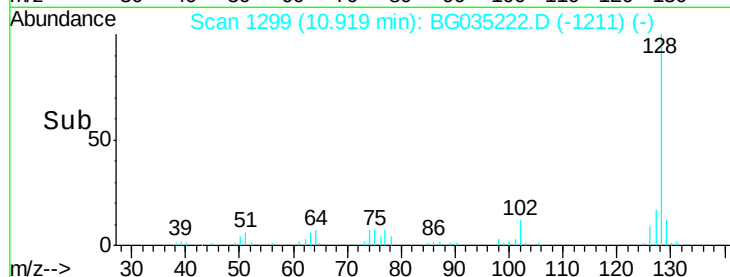
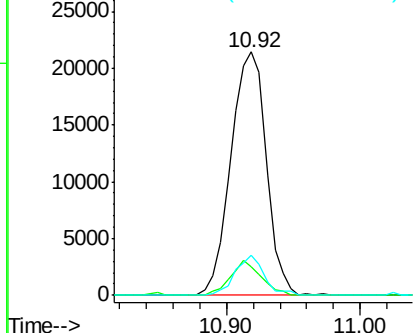
#31
Naphthalene
Concen: 5.434 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG035222.D
Acq: 18 Jun 2018 17:13

Instrument :
BNA_G
ClientSampleId :
SB-42-COMP

Tgt Ion:128 Resp: 39460
Ion Ratio Lower Upper
128 100
129 11.5 8.6 12.8
127 16.6 11.6 17.4

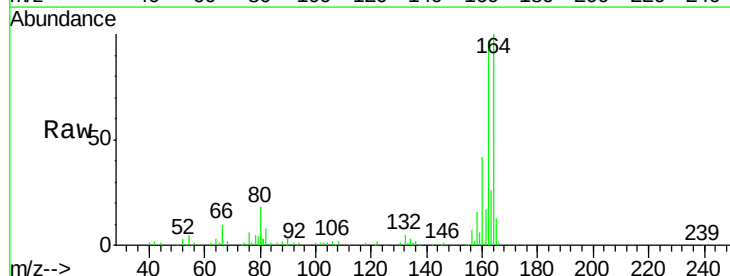


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

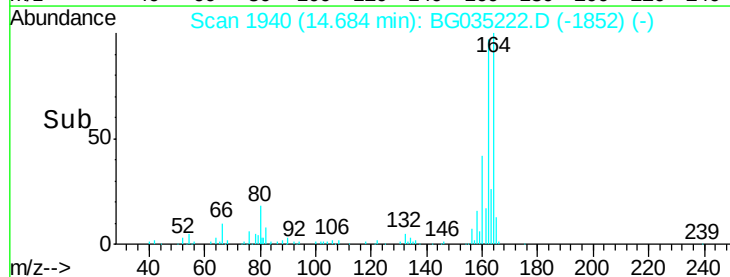
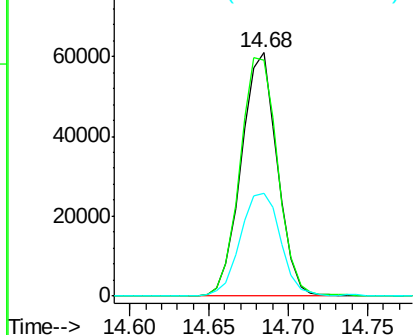


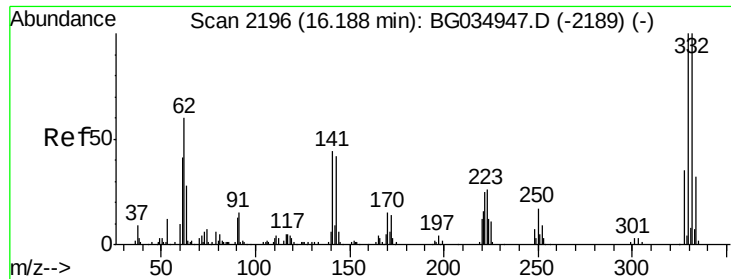
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG035222.D
Acq: 18 Jun 2018 17:13

Tgt Ion:164 Resp: 95547
Ion Ratio Lower Upper
164 100
162 96.7 78.8 118.2
160 42.0 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

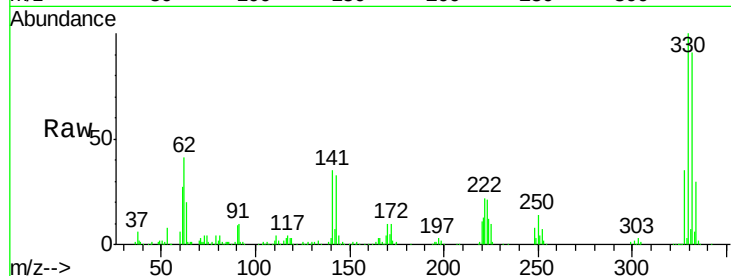




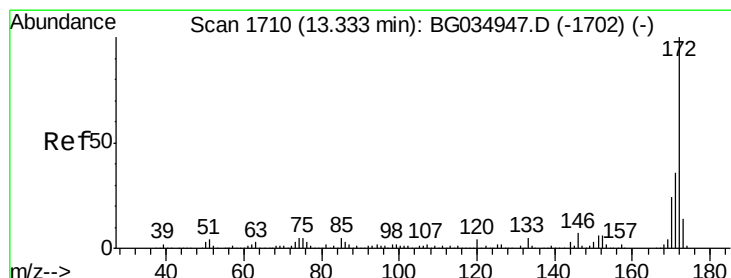
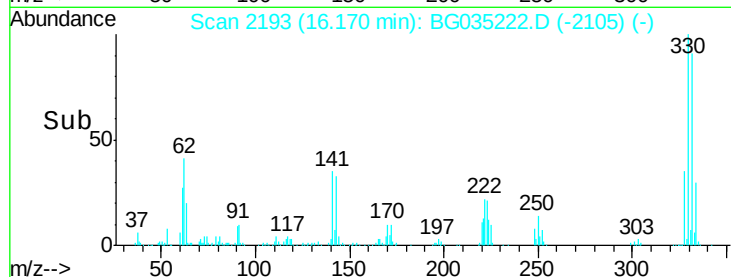
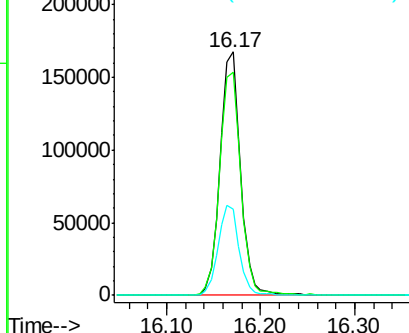
#41
 2,4,6-Tribromophenol
 Concen: 208.717 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG035222.D
 Acq: 18 Jun 2018 17:13

Instrument :
 BNA_G
 ClientSampleId :
 SB-42-COMP

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.0	115.6
141	37.8	25.2	37.8

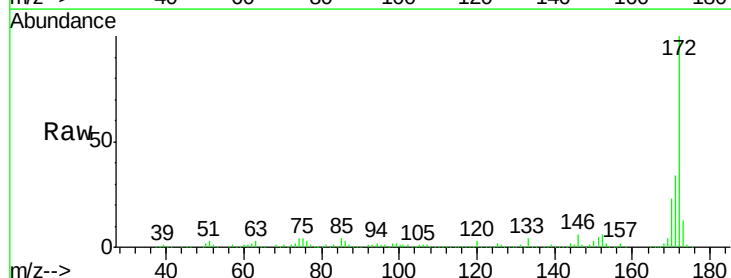


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

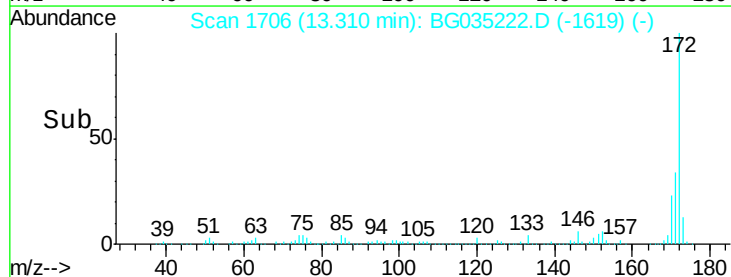
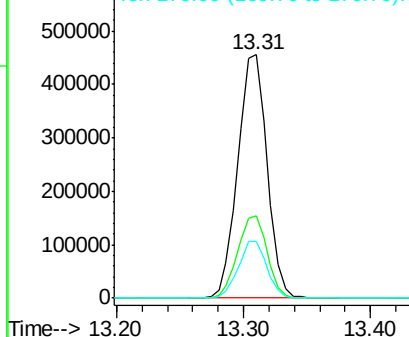


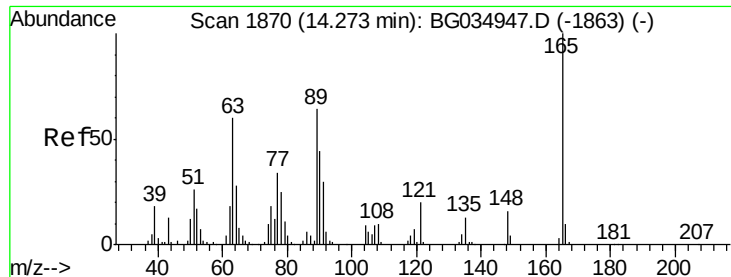
#44
 2-Fluorobiphenyl
 Concen: 99.304 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BG035222.D
 Acq: 18 Jun 2018 17:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.8	30.0	45.0
170	23.1	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

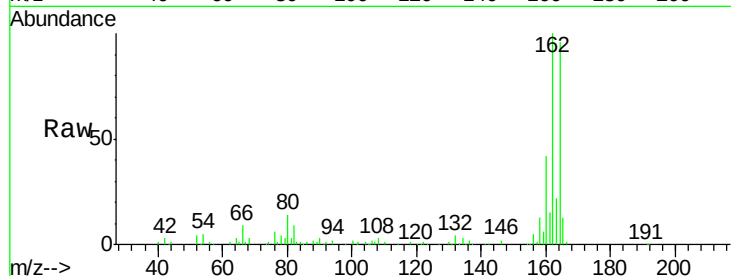




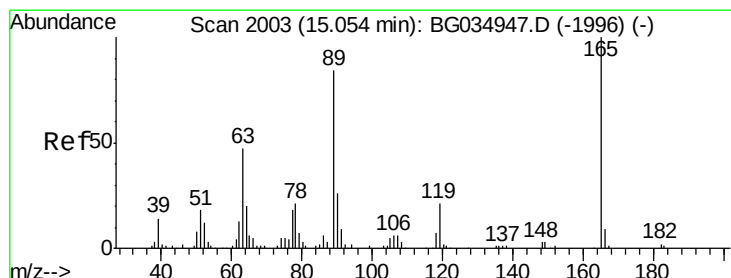
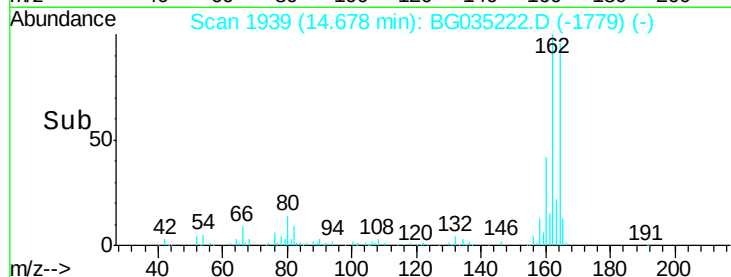
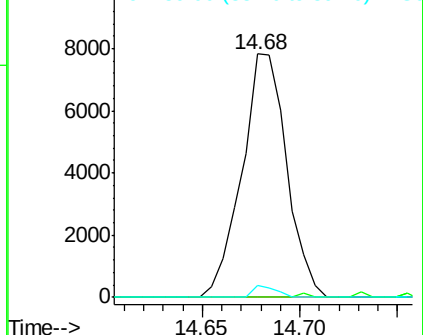
#50
2,6-Dinitrotoluene
Concen: 8.176 ng
RT: 14.68 min Scan# 1939
Delta R.T. 0.41 min
Lab File: BG035222.D
Acq: 18 Jun 2018 17:13

Instrument :
BNA_G
ClientSampleId :
SB-42-COMP

Tgt Ion:165 Resp: 12428
Ion Ratio Lower Upper
165 100
63 0.0 52.7 79.1#
89 4.8 49.2 73.8#

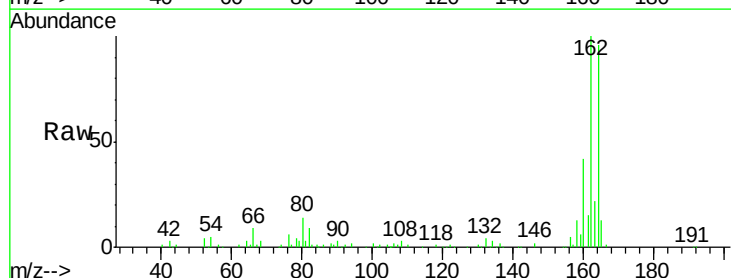


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

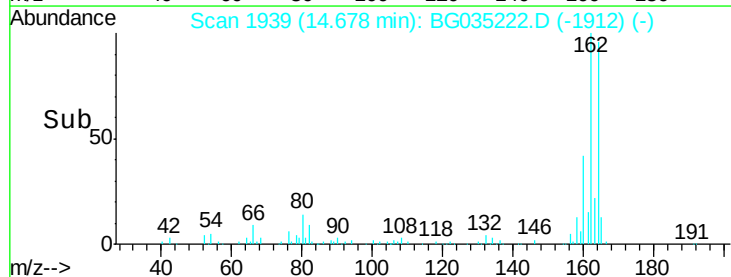
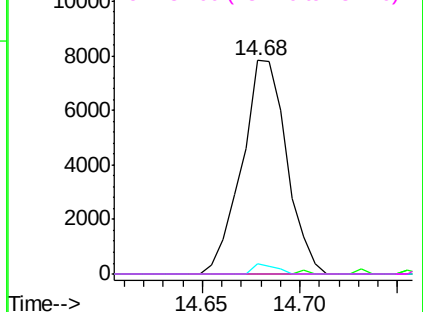


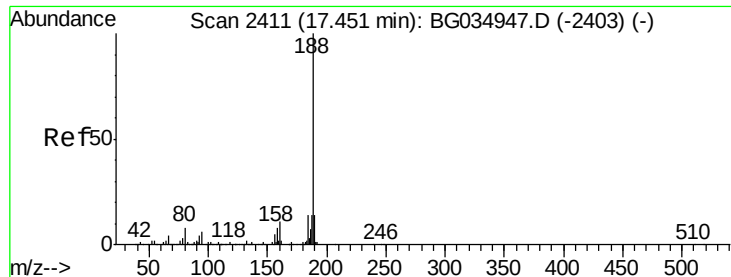
#56
2,4-Dinitrotoluene
Concen: 6.155 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.37 min
Lab File: BG035222.D
Acq: 18 Jun 2018 17:13

Tgt Ion:165 Resp: 12428
Ion Ratio Lower Upper
165 100
63 0.0 42.0 63.0#
89 4.8 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# 2406

Delta R.T. -0.02 min

Lab File: BG035222.D

Acq: 18 Jun 2018 17:13

Instrument :

BNA_G

ClientSampleId :

SB-42-COMP

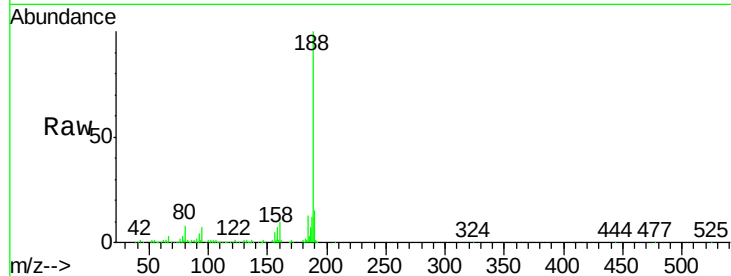
Tgt Ion:188 Resp: 308168

Ion Ratio Lower Upper

188 100

94 6.7 6.9 10.3#

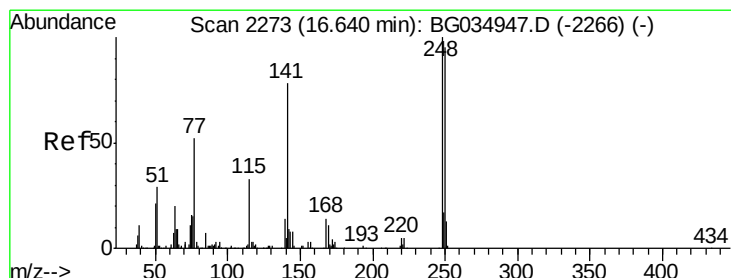
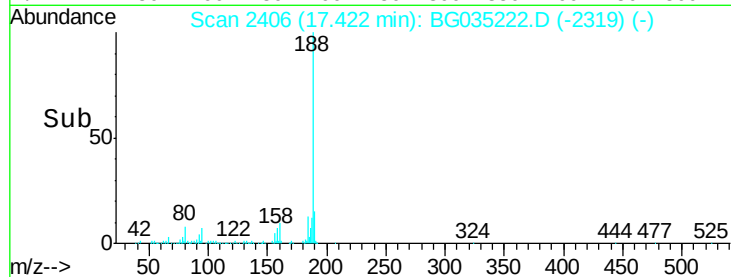
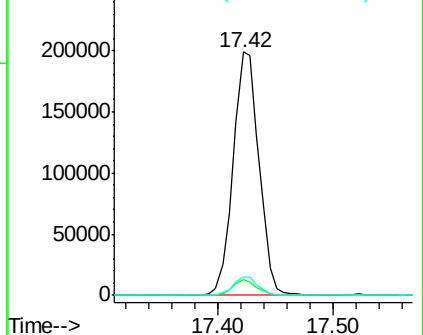
80 7.6 7.7 11.5#



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: 5.305 ng

RT: 16.17 min Scan# 2193

Delta R.T. -0.46 min

Lab File: BG035222.D

Acq: 18 Jun 2018 17:13

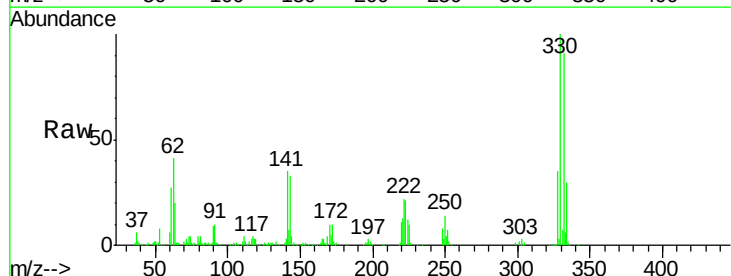
Tgt Ion:248 Resp: 19686

Ion Ratio Lower Upper

248 100

250 168.5 77.1 115.7#

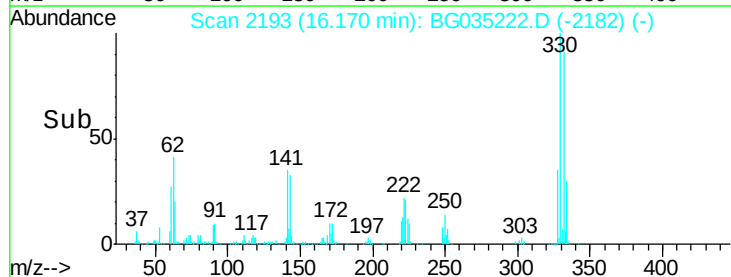
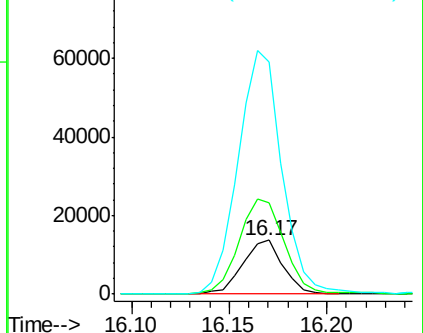
141 428.0 50.8 76.2#

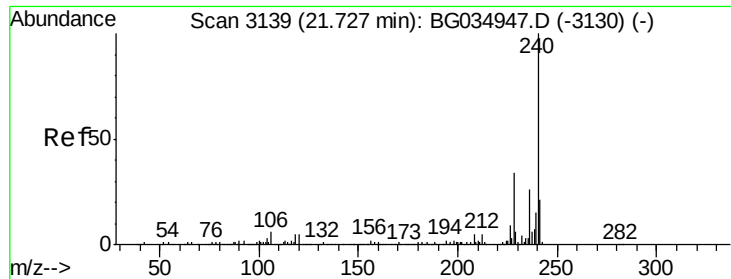


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

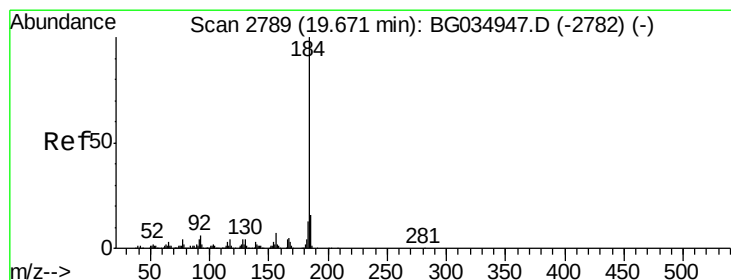
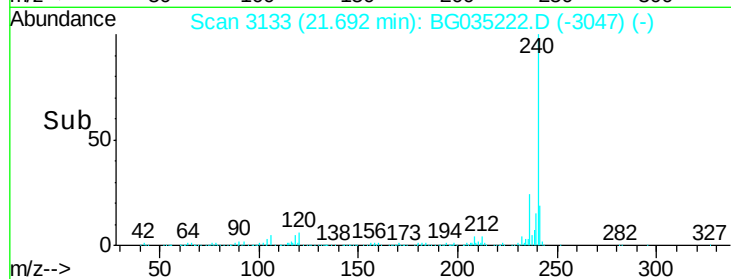
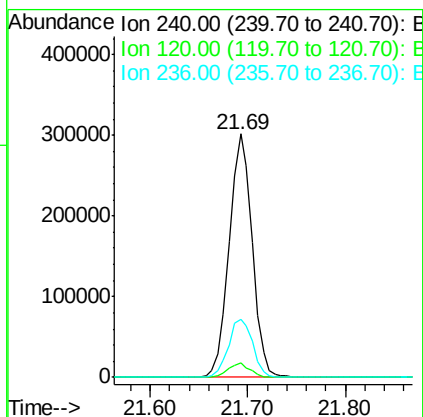
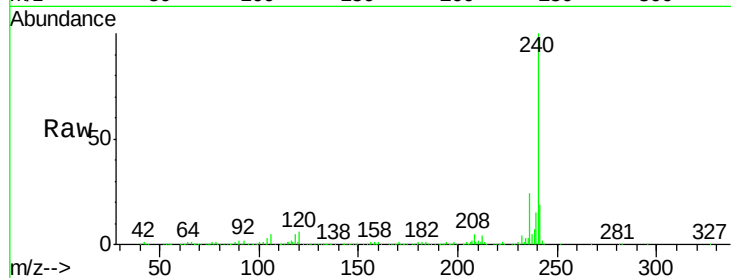




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3133
 Delta R.T. -0.02 min
 Lab File: BG035222.D
 Acq: 18 Jun 2018 17:13

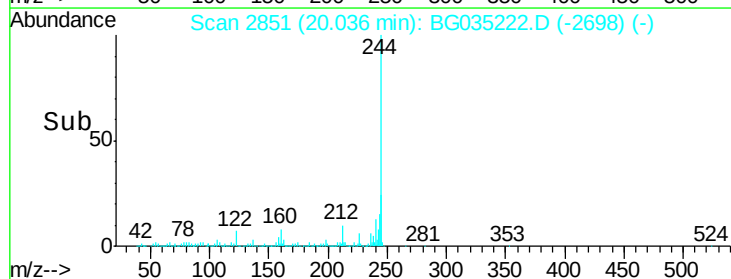
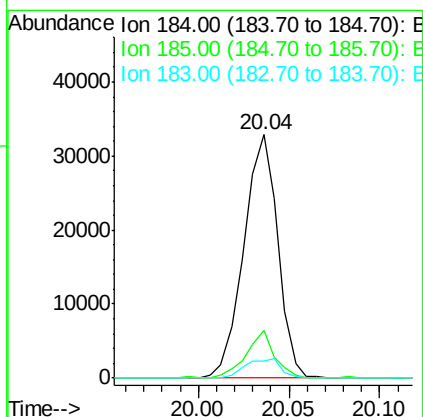
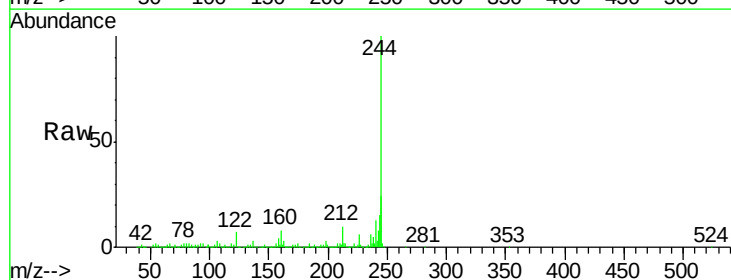
Instrument :
 BNA_G
 ClientSampleId :
 SB-42-COMP

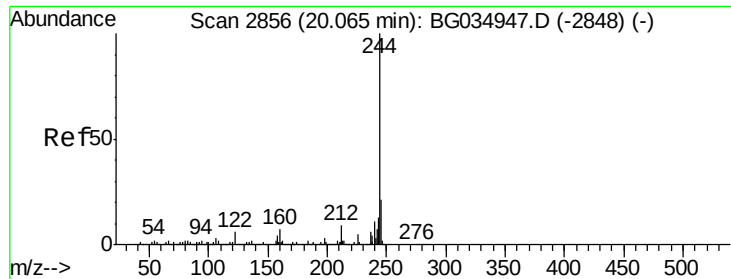
Tgt Ion:240 Resp: 490869
 Ion Ratio Lower Upper
 240 100
 120 6.2 6.8 10.2#
 236 24.0 20.9 31.3



#76
 Benzidine
 Concen: 2.337 ng
 RT: 20.04 min Scan# 2851
 Delta R.T. 0.37 min
 Lab File: BG035222.D
 Acq: 18 Jun 2018 17:13

Tgt Ion:184 Resp: 42679
 Ion Ratio Lower Upper
 184 100
 185 19.6 11.1 16.7#
 183 7.1 10.6 16.0#





#78

Terphenyl-d14

Concen: 99.263 ng

RT: 20.04 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BG035222.D

Acq: 18 Jun 2018 17:13

Instrument :

BNA_G

ClientSampleId :

SB-42-COMP

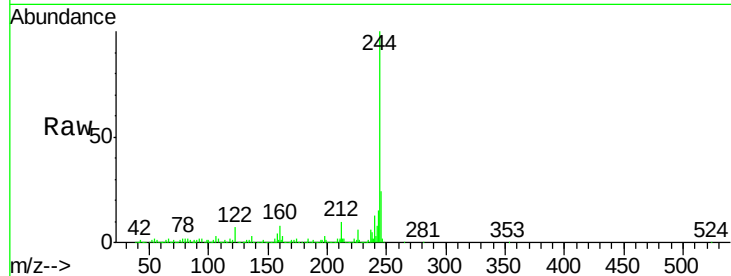
Tgt Ion:244 Resp: 2326154

Ion Ratio Lower Upper

244 100

212 10.3 5.8 8.8#

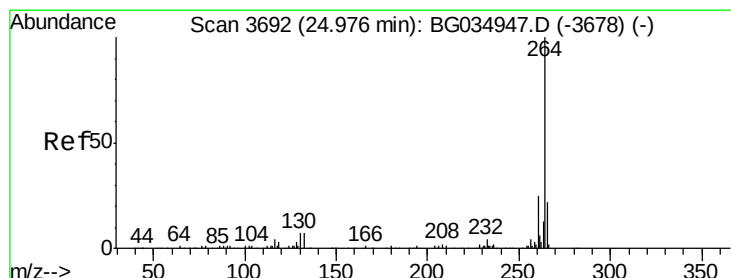
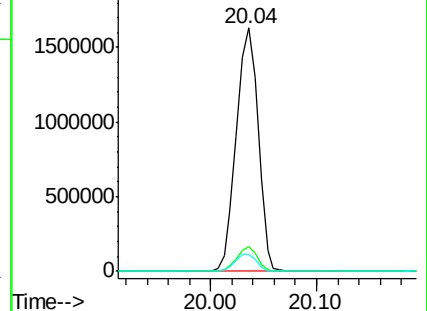
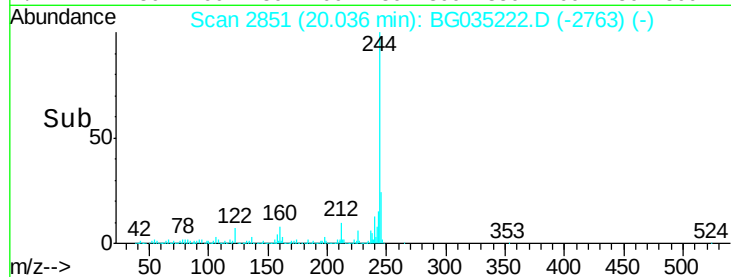
122 7.2 7.0 10.4



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: 24.92 min Scan# 3682

Delta R.T. -0.04 min

Lab File: BG035222.D

Acq: 18 Jun 2018 17:13

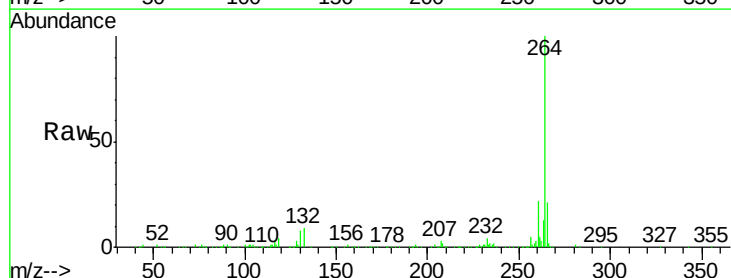
Tgt Ion:264 Resp: 404508

Ion Ratio Lower Upper

264 100

260 22.5 17.4 26.0

265 20.5 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

