

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072518\
 Data File : BG035909.D
 Acq On : 26 Jul 2018 14:39
 Operator : JU/SJ
 Sample : J4124-04
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-11-S

Quant Time: Jul 26 15:33:06 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

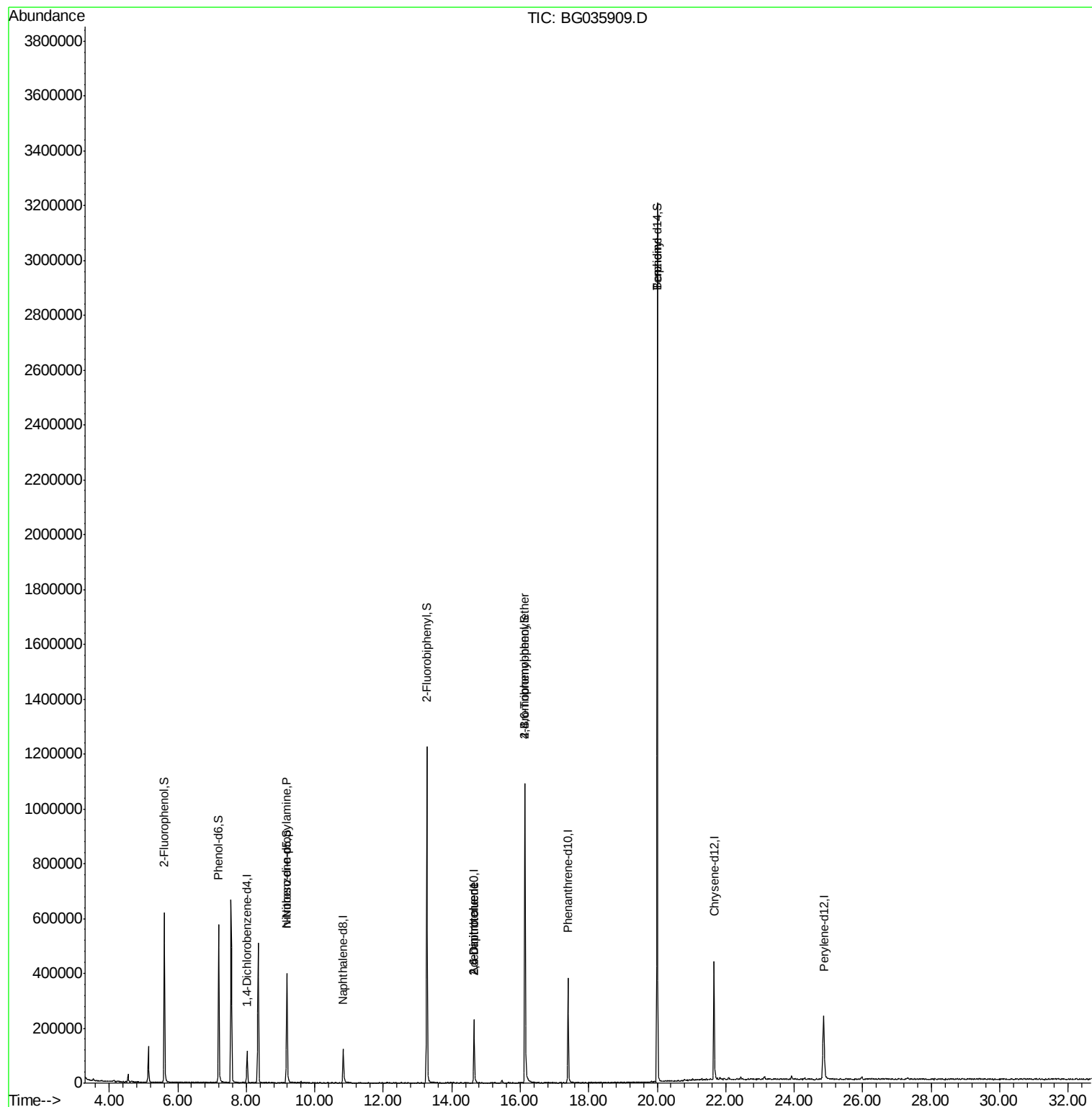
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	32790	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	115316	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	92439	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	274621	20.00	ng	0.00
75) Chrysene-d12	21.66	240	303748	20.00	ng	0.00
86) Perylene-d12	24.85	264	280651	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	270507	136.96	ng	0.00
7) Phenol-d6	7.19	99	357995	121.49	ng	0.00
23) Nitrobenzene-d5	9.19	82	288091	104.36	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	221999	182.20	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	697167	101.04	ng	0.00
78) Terphenyl-d14	20.00	244	1467710	106.51	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.19	70	40330	16.253	ng	# 69
50) 2,6-Dinitrotoluene	14.65	165	12181	7.386	ng	# 21
56) 2,4-Dinitrotoluene	14.65	165	12181	5.148	ng	# 18
66) 4-Bromophenyl-phenylether	16.13	248	17133	5.377	ng	# 1
76) Benzidine	20.00	184	27211	3.408	ng	# 90

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

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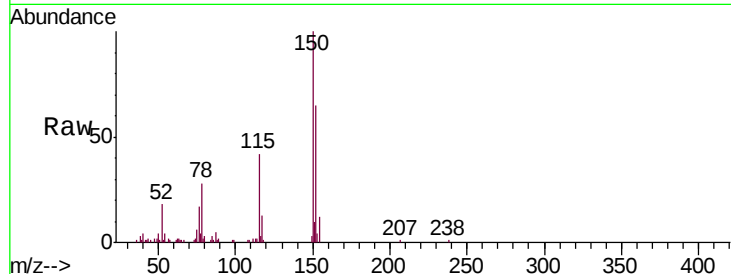


#1

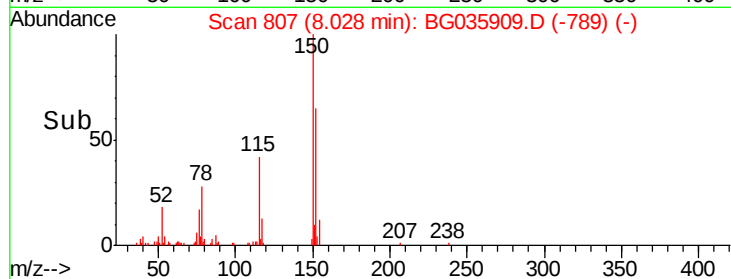
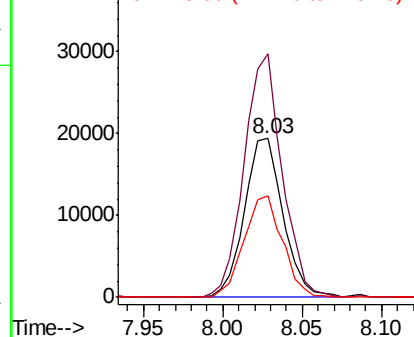
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. 0.00 min
Lab File: BG035909.D
Acq: 26 Jul 2018 14:39

Instrument :
BNA_G
ClientSampleId :
TP-11-S

Tgt Ion:152 Resp: 32790
Ion Ratio Lower Upper
152 100
150 153.2 126.6 189.8
115 63.7 53.0 79.4



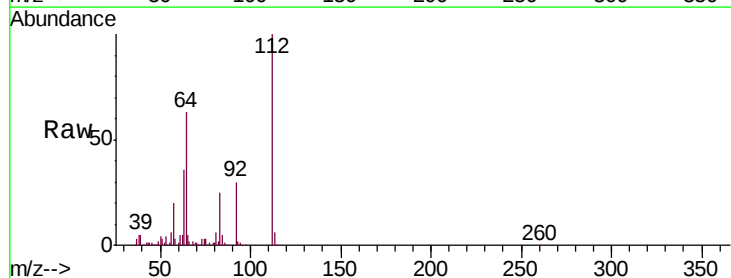
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



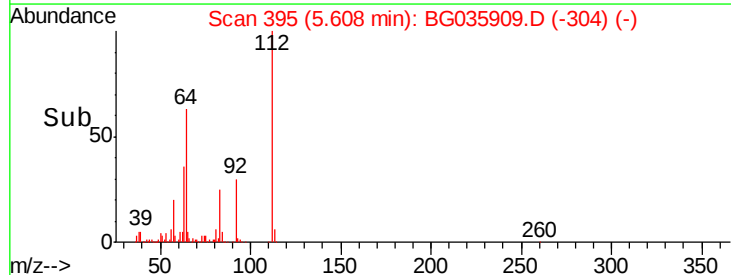
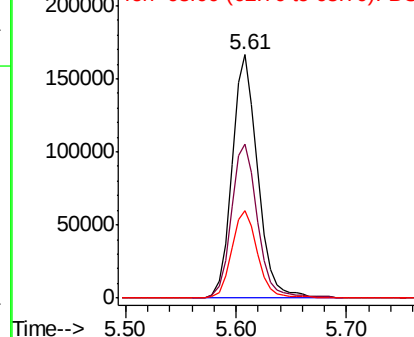
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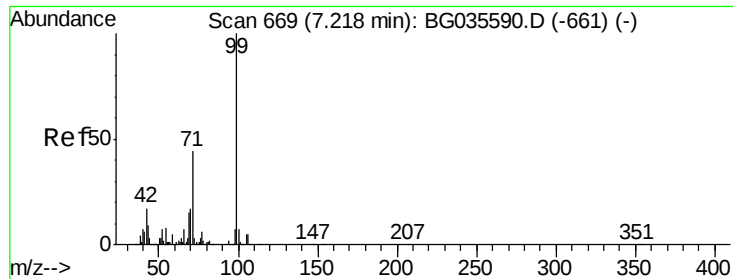
2-Fluorophenol
Concen: 136.964 ng
RT: 5.61 min Scan# 395
Delta R.T. 0.00 min
Lab File: BG035909.D
Acq: 26 Jul 2018 14:39

Tgt Ion:112 Resp: 270507
Ion Ratio Lower Upper
112 100
64 63.0 56.3 84.5
63 35.7 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: 121.490 ng

RT: 7.19 min Scan# 665

Delta R.T. -0.00 min

Lab File: BG035909.D

Acq: 26 Jul 2018 14:39

Instrument :

BNA_G

ClientSampleId :

TP-11-S

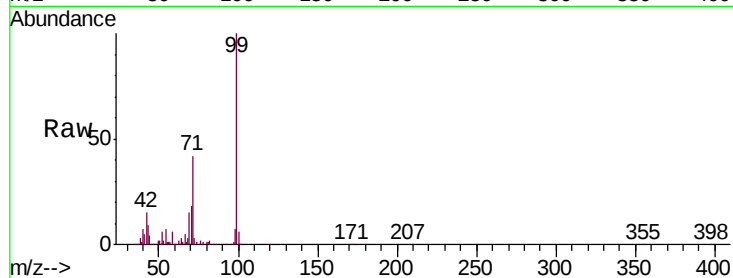
Tgt Ion: 99 Resp: 357995

Ion Ratio Lower Upper

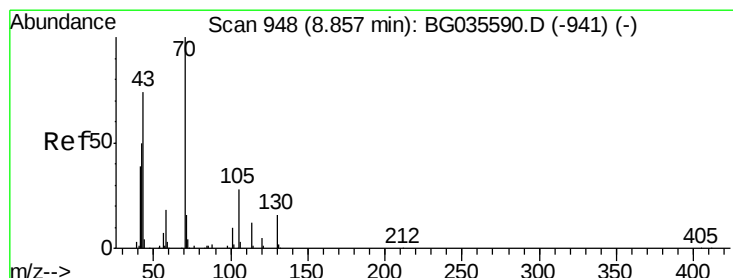
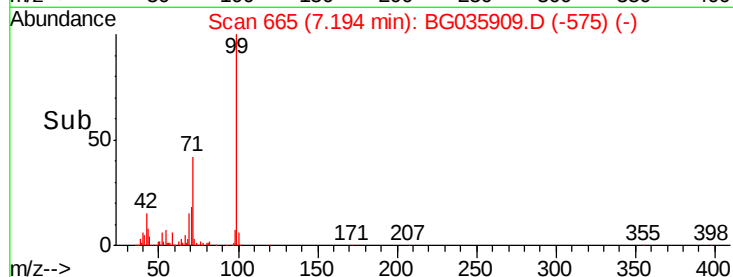
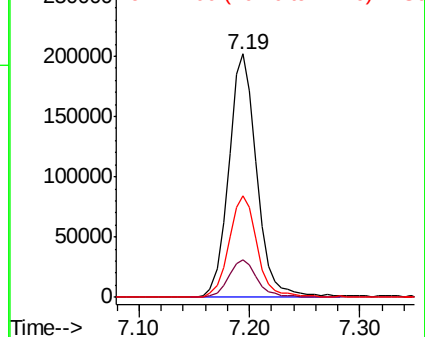
99 100

42 15.4 14.1 21.1

71 41.5 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: 16.253 ng

RT: 9.19 min Scan# 1004

Delta R.T. 0.36 min

Lab File: BG035909.D

Acq: 26 Jul 2018 14:39

Tgt Ion: 70 Resp: 40330

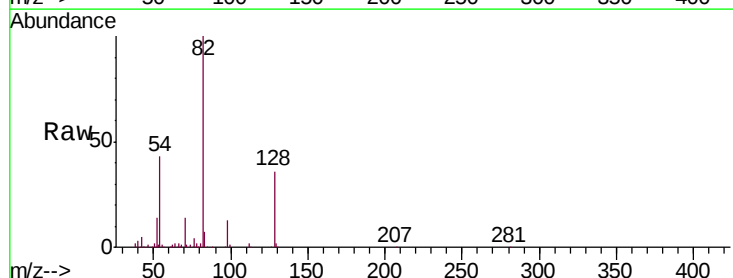
Ion Ratio Lower Upper

70 100

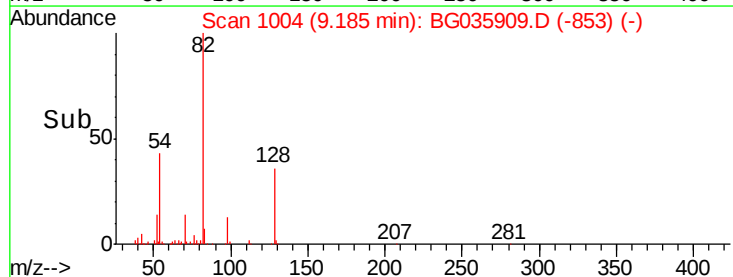
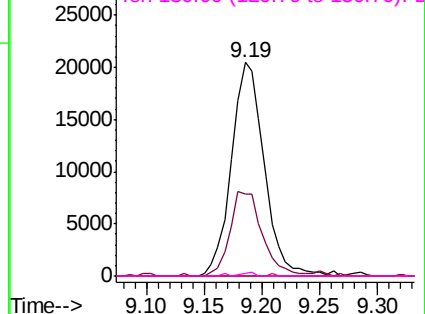
42 38.5 49.1 73.7#

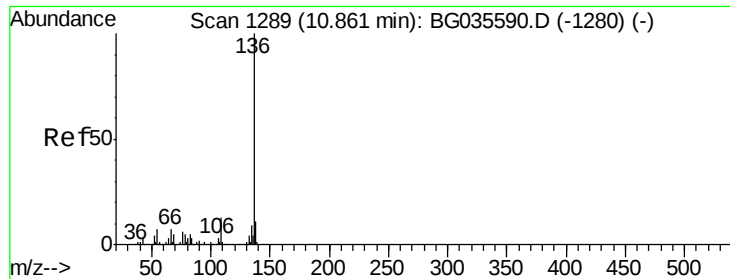
101 0.0 8.5 12.7#

130 1.4 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

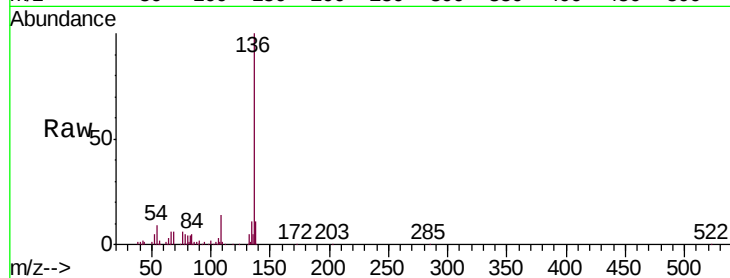




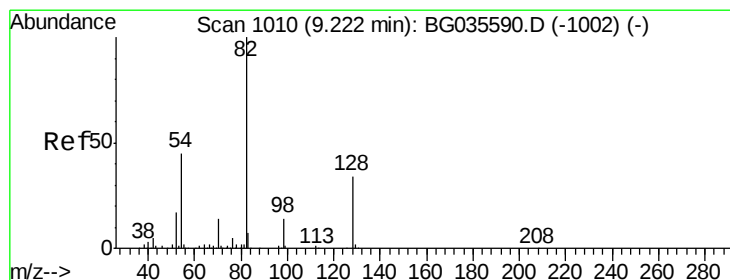
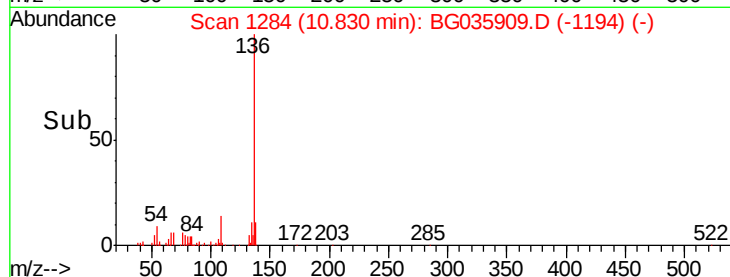
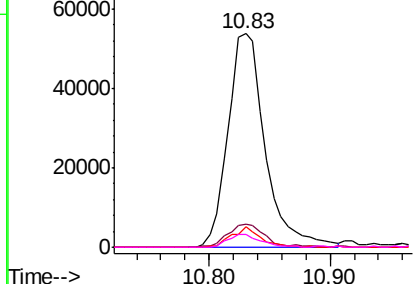
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BG035909.D
Acq: 26 Jul 2018 14:39

Instrument :
BNA_G
ClientSampleId :
TP-11-S

Tgt Ion:	136	Resp:	115316
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	9.3	10.3	15.5#
68	6.0	4.5	6.7

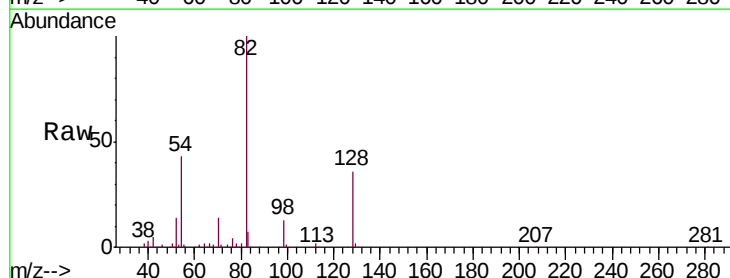


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

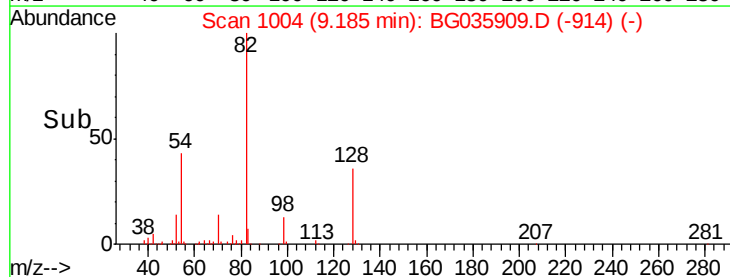
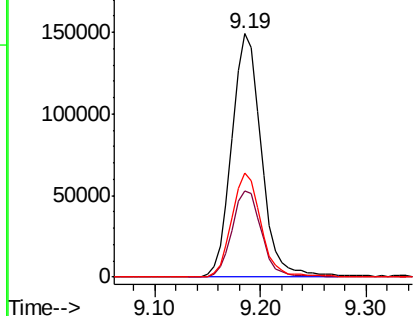


#23
Nitrobenzene-d5
Concen: 104.365 ng
RT: 9.19 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BG035909.D
Acq: 26 Jul 2018 14:39

Tgt Ion:	82	Resp:	288091
Ion	Ratio	Lower	Upper
82	100		
128	35.6	29.7	44.5
54	42.7	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

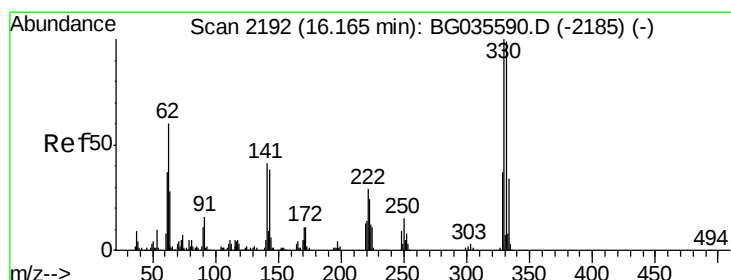
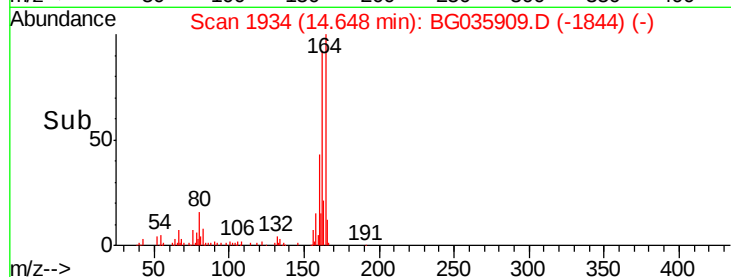
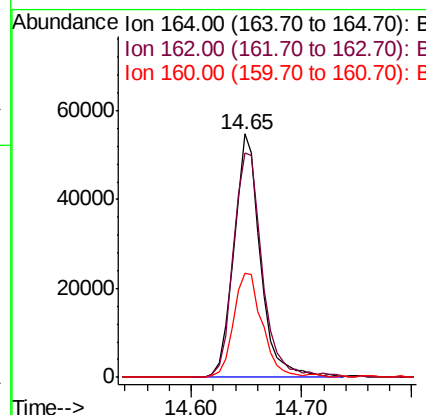
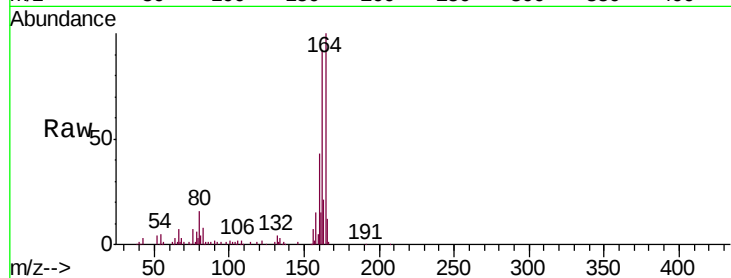




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. -0.00 min
 Lab File: BG035909.D
 Acq: 26 Jul 2018 14:39

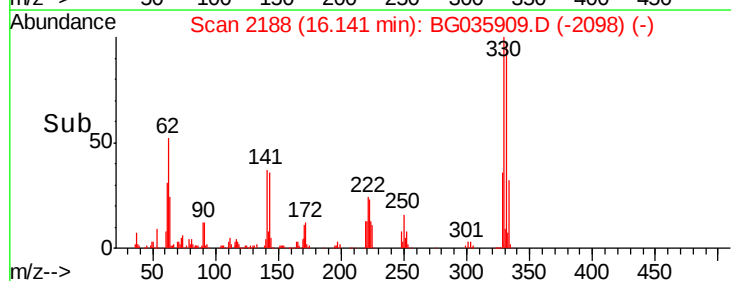
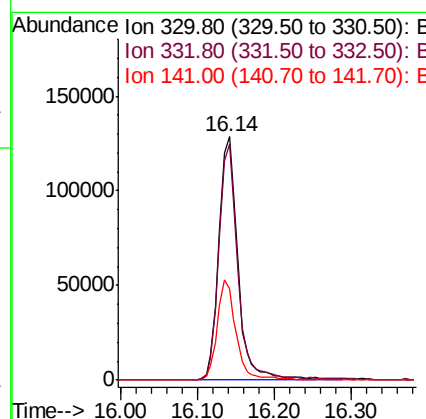
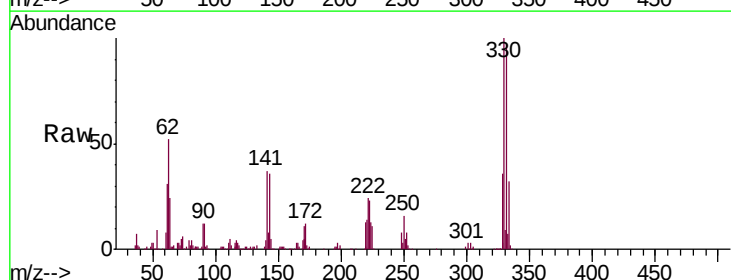
Instrument :
 BNA_G
 ClientSampleId :
 TP-11-S

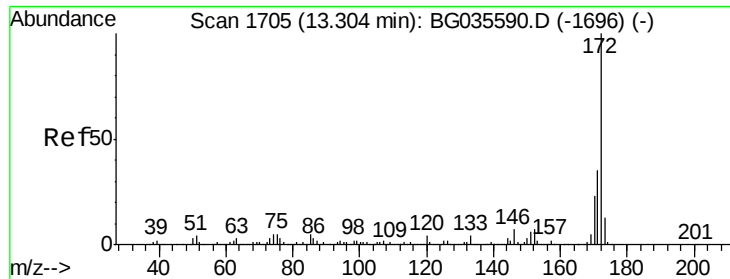
Tgt Ion:164 Resp: 92439
 Ion Ratio Lower Upper
 164 100
 162 92.3 78.8 118.2
 160 42.9 35.4 53.0



#41
 2,4,6-Tribromophenol
 Concen: 182.205 ng
 RT: 16.14 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: BG035909.D
 Acq: 26 Jul 2018 14:39

Tgt Ion:330 Resp: 221999
 Ion Ratio Lower Upper
 330 100
 332 94.8 77.0 115.6
 141 39.4 25.2 37.8#

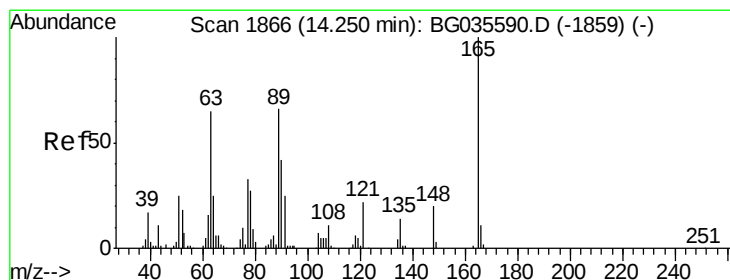
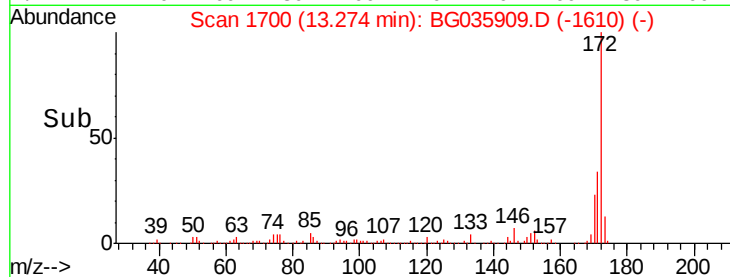
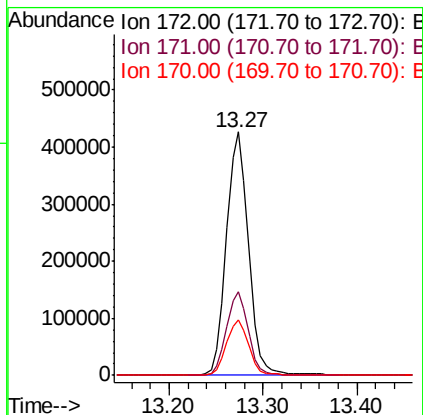
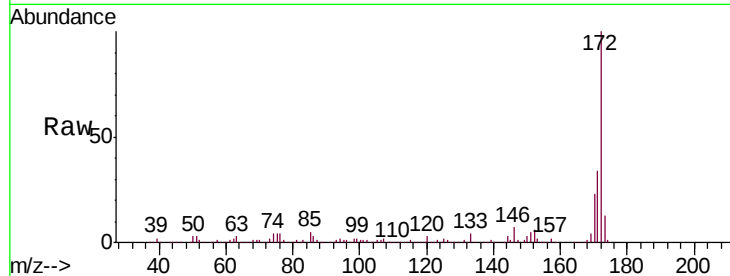




#44
 2-Fluorobiphenyl
 Concen: 101.042 ng
 RT: 13.27 min Scan# 1700
 Delta R.T. -0.00 min
 Lab File: BG035909.D
 Acq: 26 Jul 2018 14:39

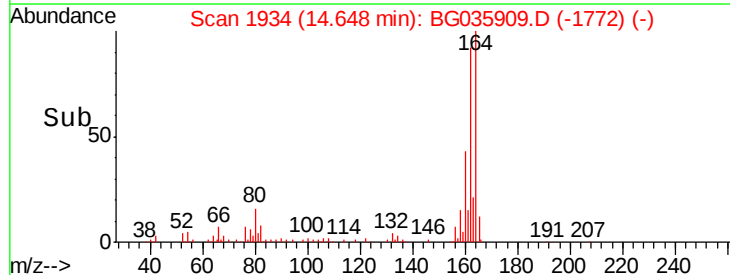
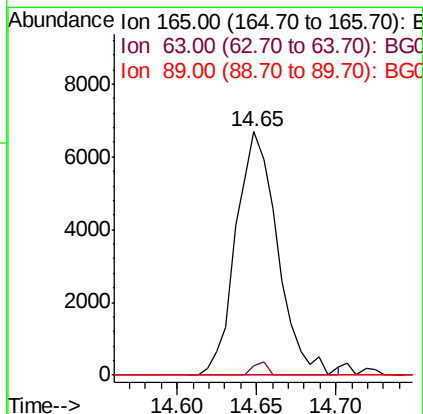
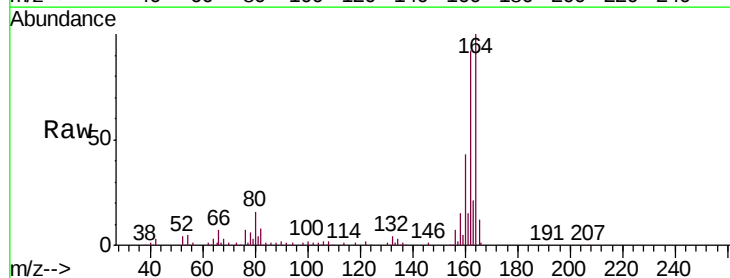
Instrument :
 BNA_G
 ClientSampled :
 TP-11-S

Tgt Ion:172 Resp: 697167
 Ion Ratio Lower Upper
 172 100
 171 34.3 30.0 45.0
 170 22.8 19.5 29.3



#50
 2,6-Dinitrotoluene
 Concen: 7.386 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. 0.42 min
 Lab File: BG035909.D
 Acq: 26 Jul 2018 14:39

Tgt Ion:165 Resp: 12181
 Ion Ratio Lower Upper
 165 100
 63 3.9 52.7 79.1#
 89 0.0 49.2 73.8#

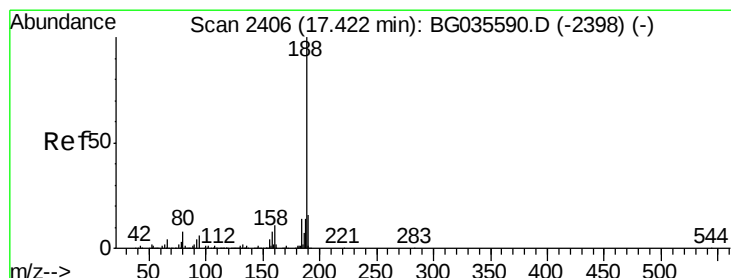
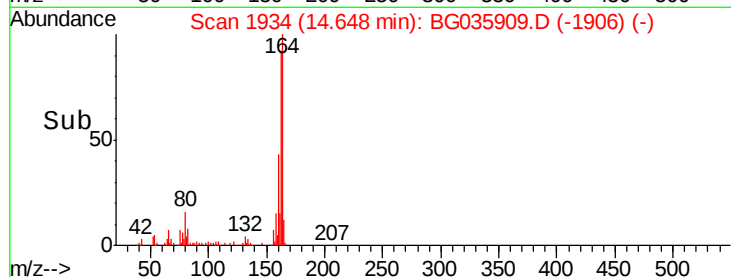
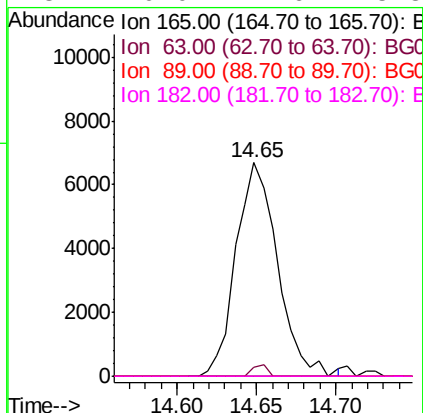
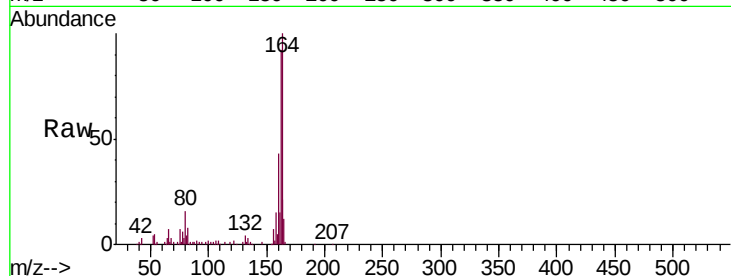




#56
 2,4-Dinitrotoluene
 Concen: 5.148 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. -0.37 min
 Lab File: BG035909.D
 Acq: 26 Jul 2018 14:39

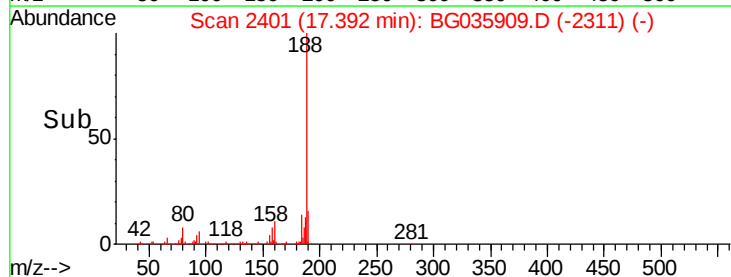
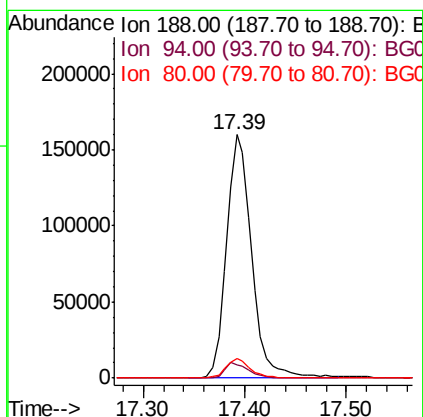
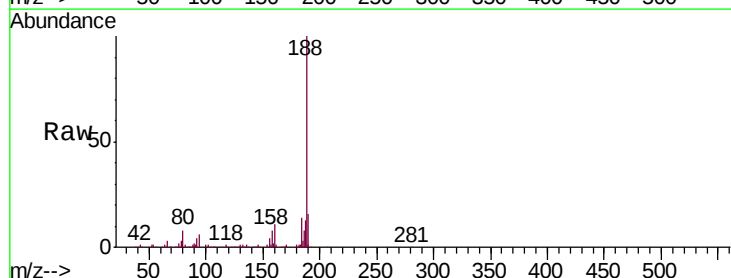
Instrument :
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 ClientSampleId :
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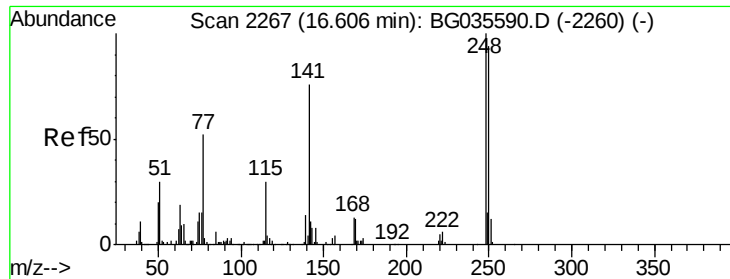
Tgt Ion:165 Resp: 12181
 Ion Ratio Lower Upper
 165 100
 63 3.9 42.0 63.0#
 89 0.0 66.9 100.3#
 182 0.0 2.6 3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.39 min Scan# 2401
 Delta R.T. -0.00 min
 Lab File: BG035909.D
 Acq: 26 Jul 2018 14:39

Tgt Ion:188 Resp: 274621
 Ion Ratio Lower Upper
 188 100
 94 5.6 6.9 10.3#
 80 8.0 7.7 11.5

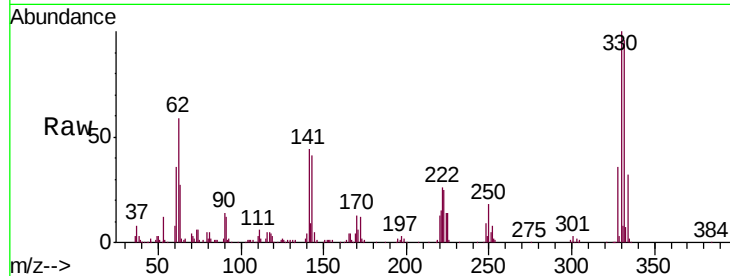




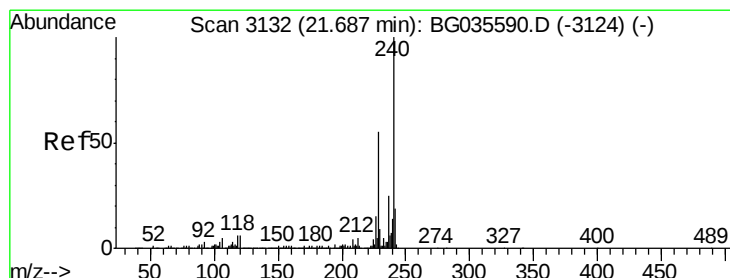
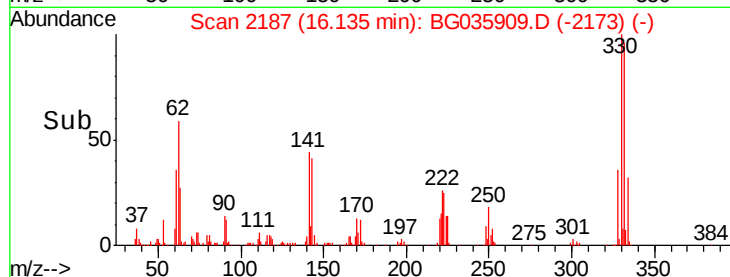
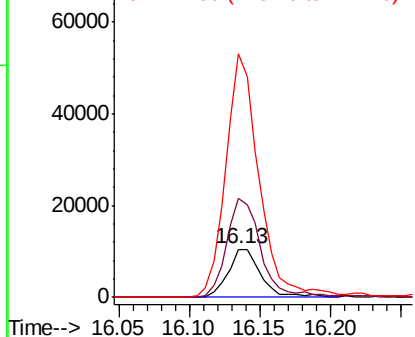
#66
 4-Bromophenyl-phenylether
 Concen: 5.377 ng
 RT: 16.13 min Scan# 2187
 Delta R.T. -0.45 min
 Lab File: BG035909.D
 Acq: 26 Jul 2018 14:39

Instrument :
 BNA_G
 ClientSampleId :
 TP-11-S

Tgt Ion:248 Resp: 17133
 Ion Ratio Lower Upper
 248 100
 250 204.3 77.1 115.7#
 141 505.8 50.8 76.2#

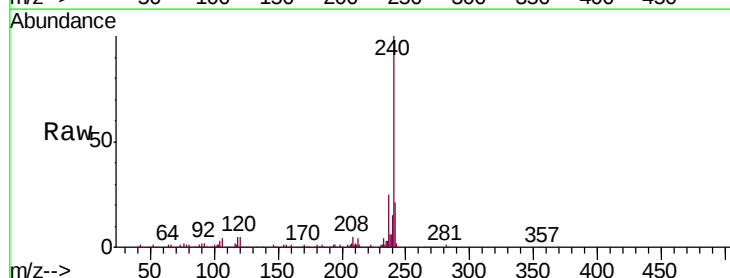


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

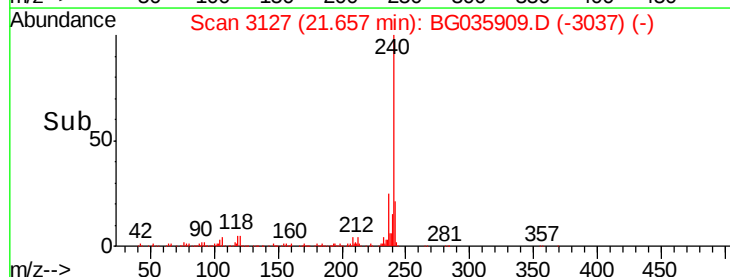
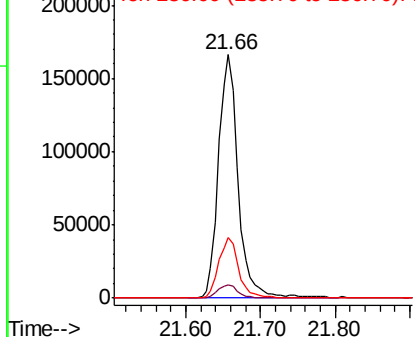


#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.66 min Scan# 3127
 Delta R.T. -0.00 min
 Lab File: BG035909.D
 Acq: 26 Jul 2018 14:39

Tgt Ion:240 Resp: 303748
 Ion Ratio Lower Upper
 240 100
 120 5.4 6.8 10.2#
 236 24.9 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: 3.408 ng

RT: 20.00 min Scan# 2845

Delta R.T. 0.37 min

Lab File: BG035909.D

Acq: 26 Jul 2018 14:39

Instrument :

BNA_G

ClientSampled :

TP-11-S

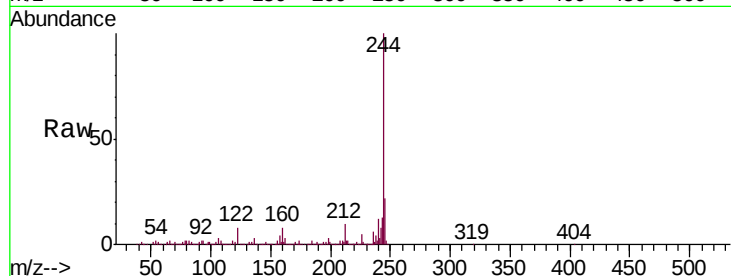
Tgt Ion:184 Resp: 27211

Ion Ratio Lower Upper

184 100

185 18.2 11.1 16.7#

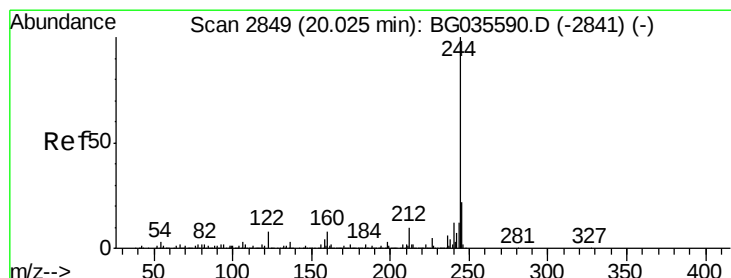
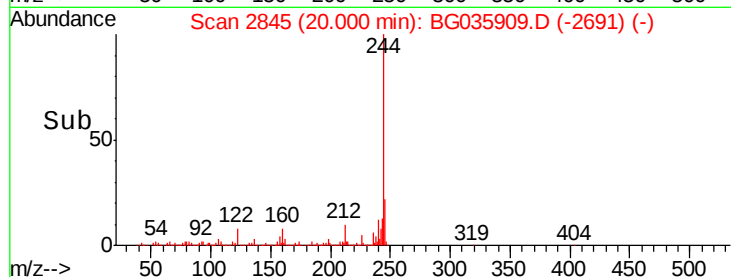
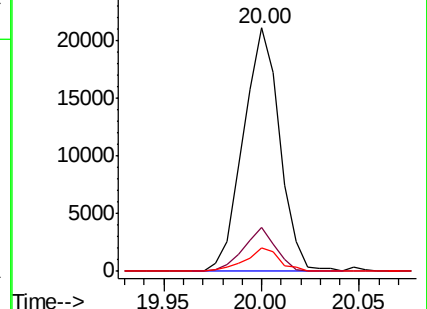
183 9.7 10.6 16.0#



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: 106.512 ng

RT: 20.00 min Scan# 2845

Delta R.T. -0.00 min

Lab File: BG035909.D

Acq: 26 Jul 2018 14:39

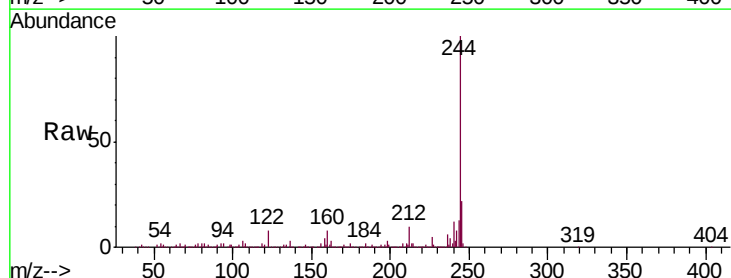
Tgt Ion:244 Resp: 1467710

Ion Ratio Lower Upper

244 100

212 9.6 5.8 8.8#

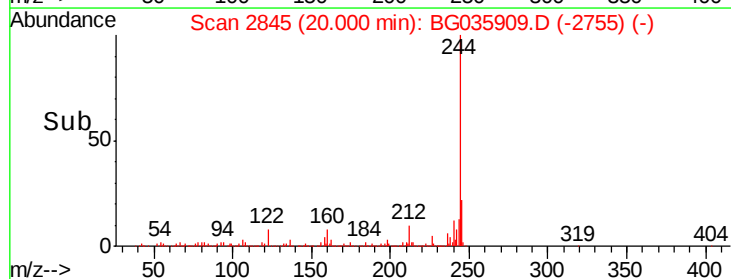
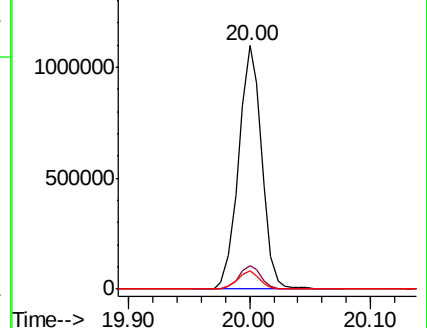
122 7.8 7.0 10.4

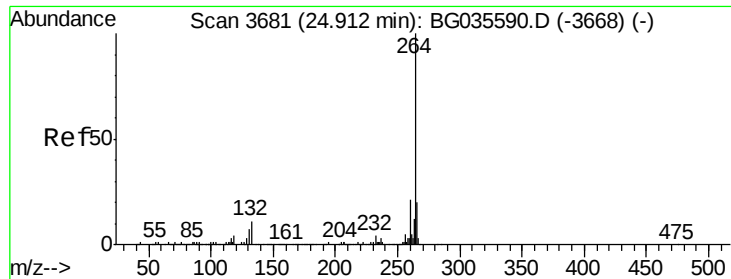


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.85 min Scan# 3671
Delta R.T. -0.01 min
Lab File: BG035909.D
Acq: 26 Jul 2018 14:39

Instrument :
BNA_G
ClientSampleId :
TP-11-S

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.4	26.0
265	20.7	17.7	26.5

