

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072518\
 Data File : BG035868.D
 Acq On : 25 Jul 2018 11:18
 Operator : JU/SJ
 Sample : PB111180BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB111180BL

Quant Time: Jul 25 12:00:45 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

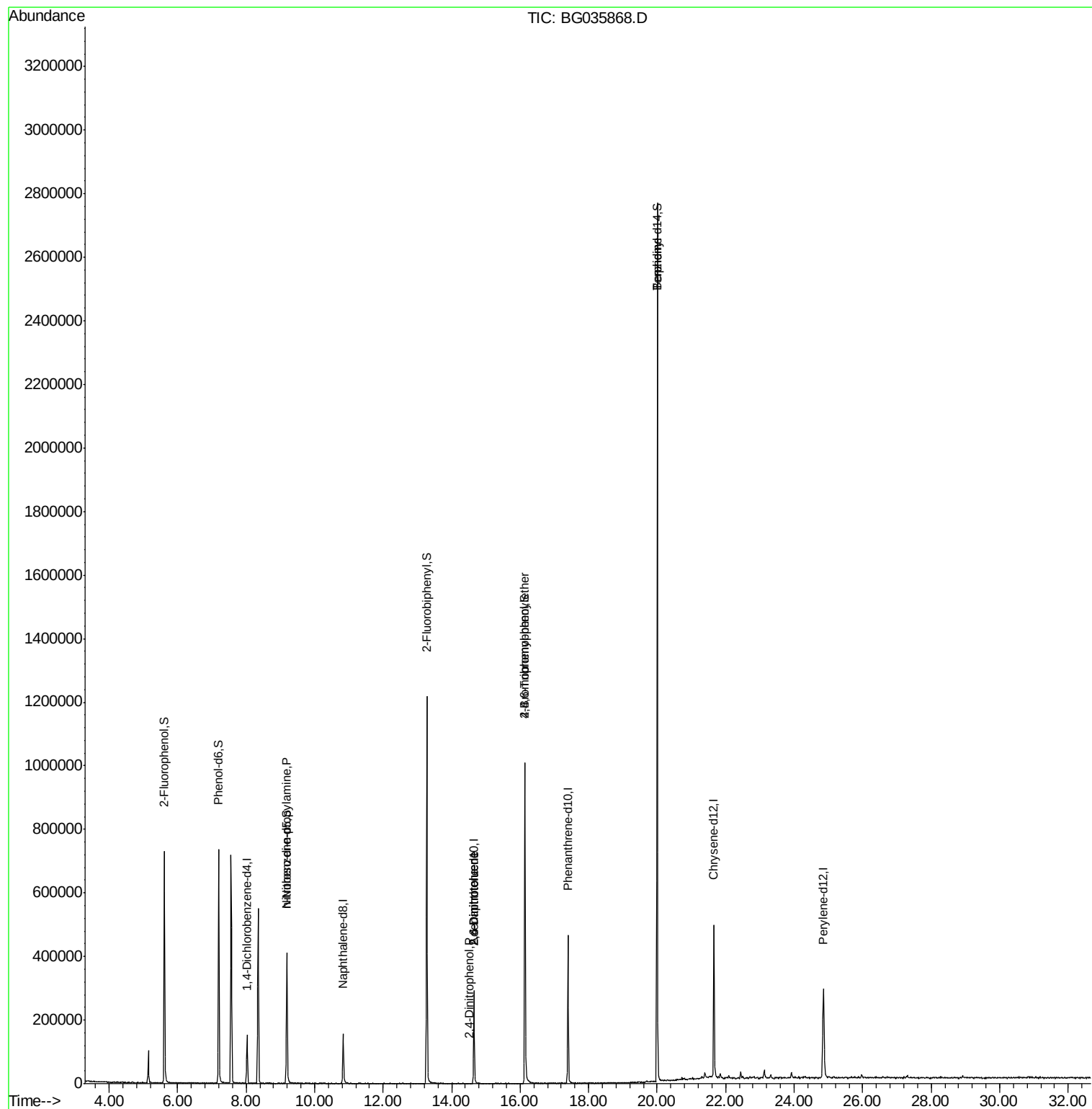
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	41753	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	153779	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	108922	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	318343	20.00	ng	0.00
75) Chrysene-d12	21.65	240	335677	20.00	ng	0.00
86) Perylene-d12	24.85	264	318472	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	323168	128.50	ng	0.00
7) Phenol-d6	7.20	99	449095	119.69	ng	0.00
23) Nitrobenzene-d5	9.19	82	289949	78.77	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	208383	145.15	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	701923	86.34	ng	0.00
78) Terphenyl-d14	20.00	244	1354605	88.95	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.19	70	40220	12.729	ng	# 68
50) 2,6-Dinitrotoluene	14.65	165	14839	7.636	ng	# 18
53) 2,4-Dinitrophenol	14.50	184	65	6.642	ng	# 1
56) 2,4-Dinitrotoluene	14.65	165	14839	5.322	ng	# 16
66) 4-Bromophenyl-phenylether	16.14	248	18101	4.901	ng	# 1
76) Benzidine	20.00	184	21930	2.485	ng	# 86

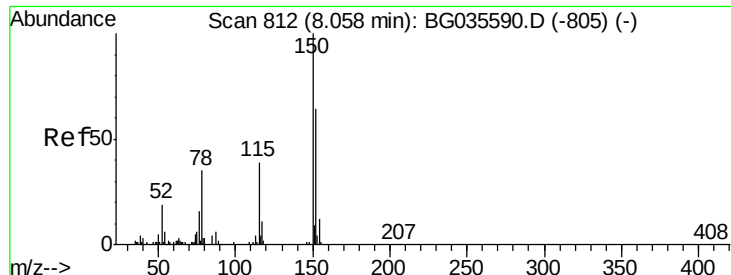
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration



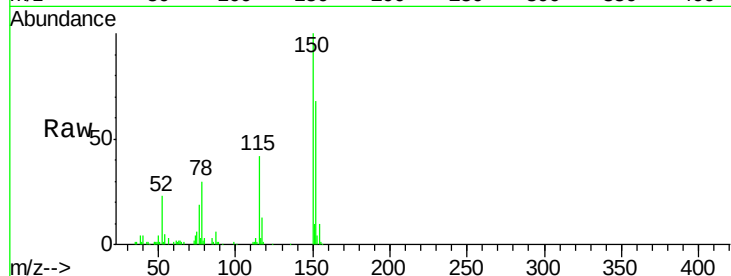


#1

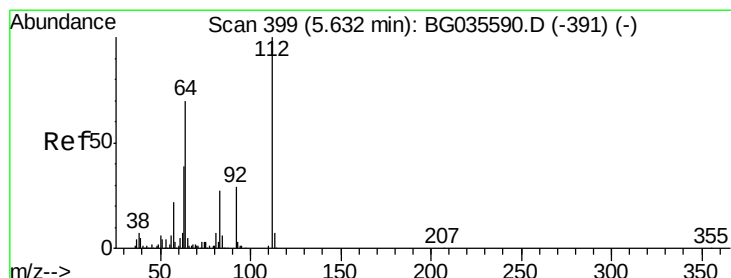
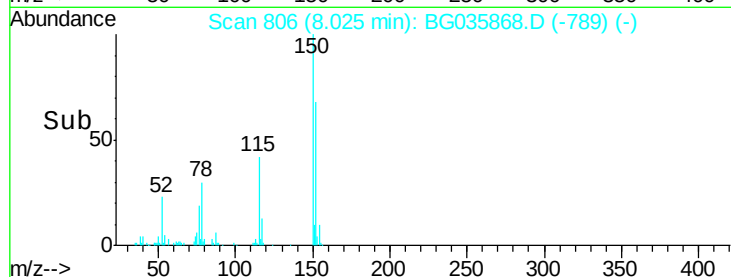
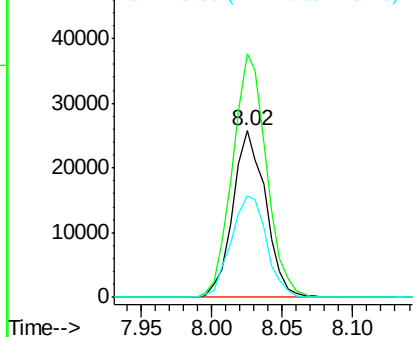
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 806
Delta R.T. 0.00 min
Lab File: BG035868.D
Acq: 25 Jul 2018 11:18

Instrument :
BNA_G
ClientSampleId :
PB111180BL

Tgt Ion	Ratio	Lower	Upper
152	100		
150	146.3	126.6	189.8
115	61.4	53.0	79.4



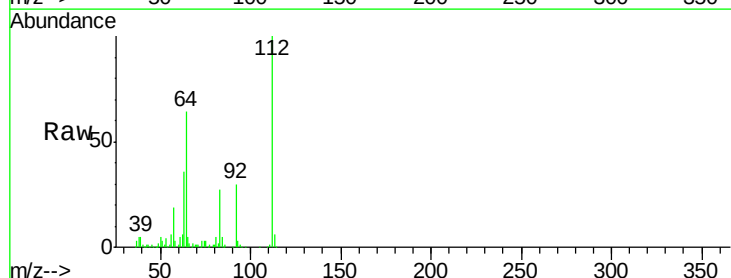
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



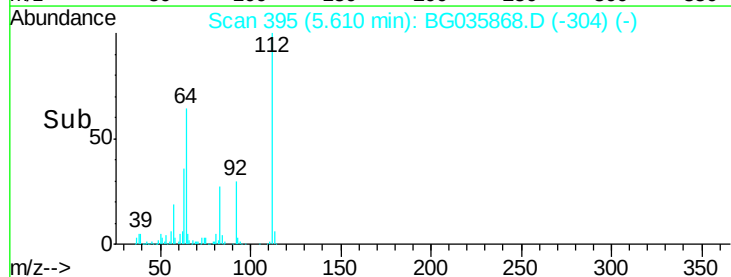
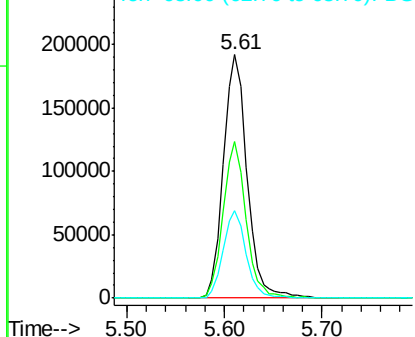
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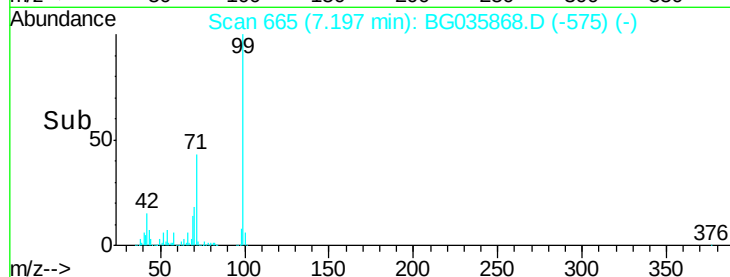
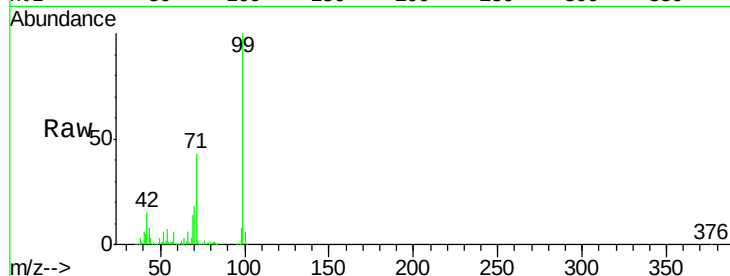
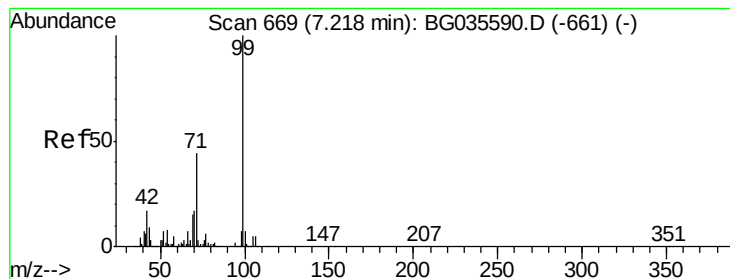
2-Fluorophenol
Concen: 128.502 ng
RT: 5.61 min Scan# 395
Delta R.T. 0.01 min
Lab File: BG035868.D
Acq: 25 Jul 2018 11:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.4	56.3	84.5
63	35.8	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: 119.689 ng

RT: 7.20 min Scan# 665

Delta R.T. 0.00 min

Lab File: BG035868.D

Acq: 25 Jul 2018 11:18

Instrument :

BNA_G

ClientSampleId :

PB111180BL

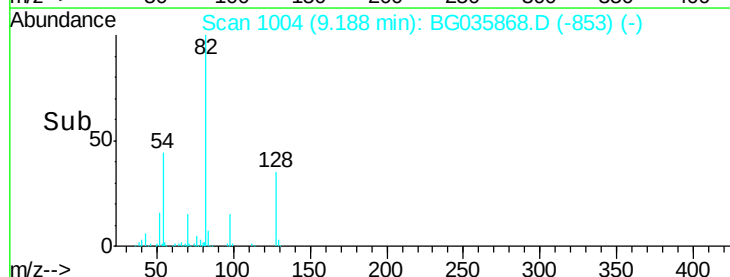
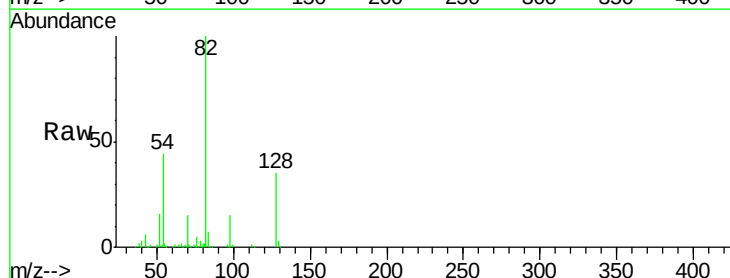
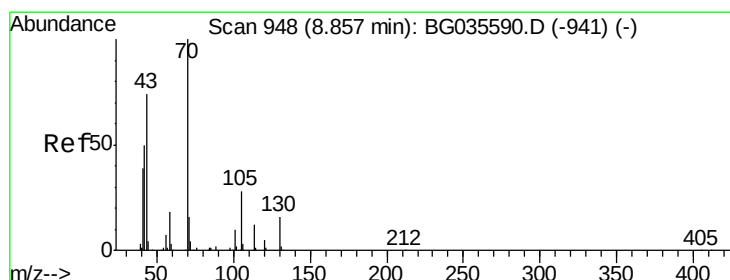
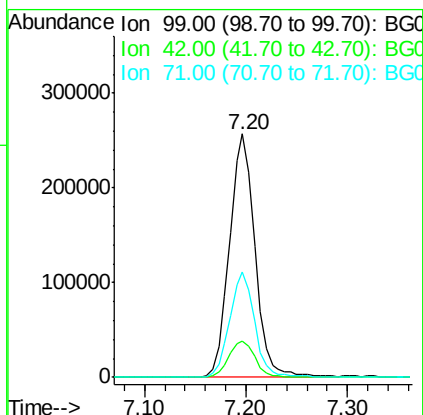
Tgt Ion: 99 Resp: 449095

Ion Ratio Lower Upper

99 100

42 15.1 14.1 21.1

71 43.1 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 12.729 ng

RT: 9.19 min Scan# 1004

Delta R.T. 0.36 min

Lab File: BG035868.D

Acq: 25 Jul 2018 11:18

Tgt Ion: 70 Resp: 40220

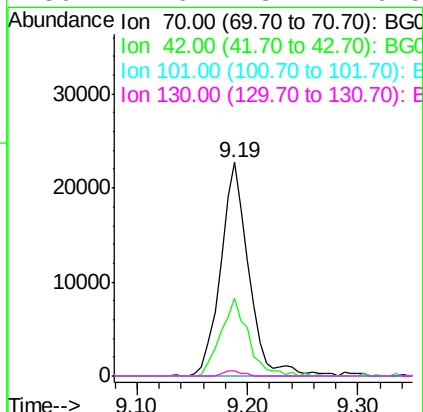
Ion Ratio Lower Upper

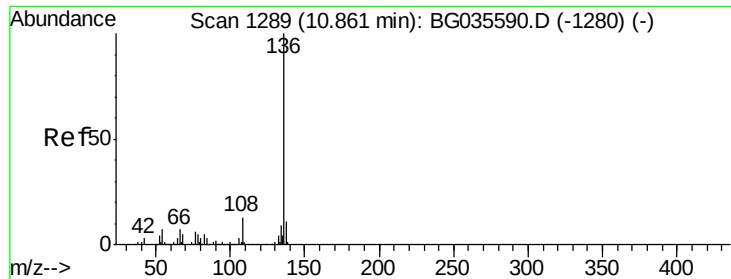
70 100

42 36.5 49.1 73.7#

101 0.0 8.5 12.7#

130 2.6 13.4 20.0#

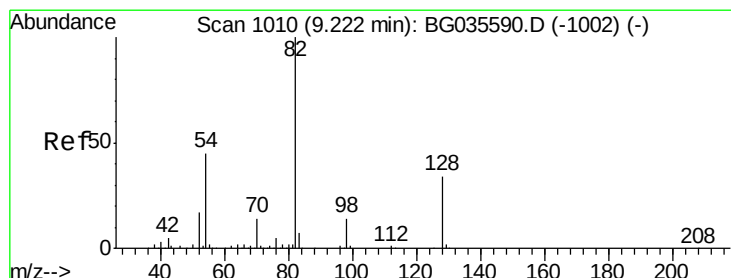
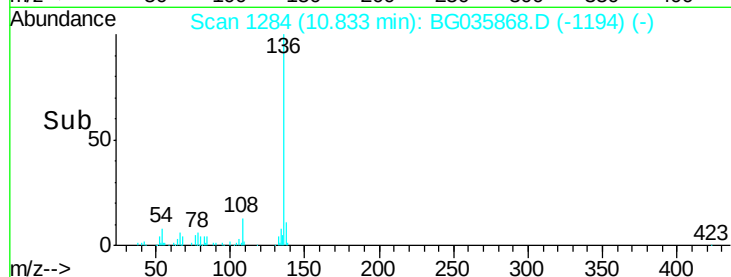
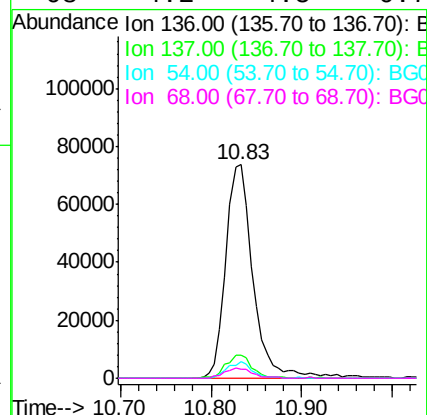
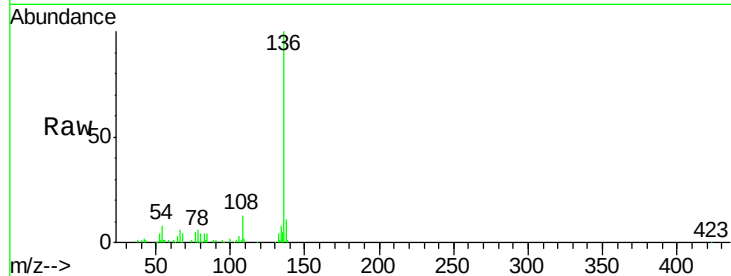




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BG035868.D
Acq: 25 Jul 2018 11:18

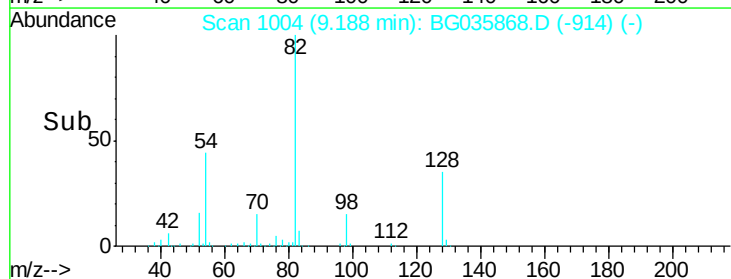
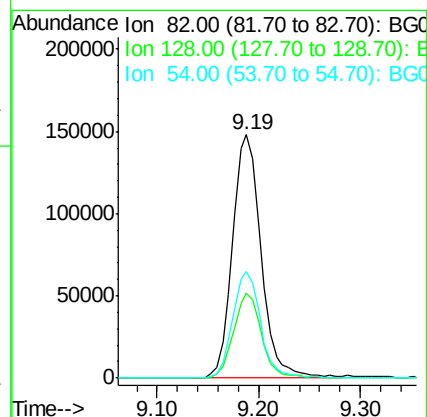
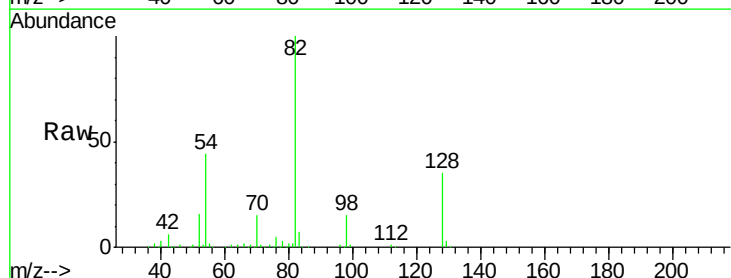
Instrument :
BNA_G
ClientSampleId :
PB111180BL

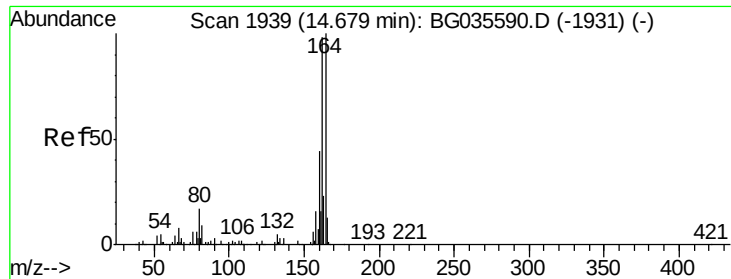
Tgt Ion:	136	Resp:	153779
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	7.6	10.3	15.5#
68	4.2	4.5	6.7#



#23
Nitrobenzene-d5
Concen: 78.766 ng
RT: 9.19 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BG035868.D
Acq: 25 Jul 2018 11:18

Tgt Ion:	82	Resp:	289949
Ion	Ratio	Lower	Upper
82	100		
128	34.8	29.7	44.5
54	44.0	43.1	64.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1934

Delta R.T. 0.00 min

Lab File: BG035868.D

Acq: 25 Jul 2018 11:18

Instrument :

BNA_G

ClientSampleId :

PB111180BL

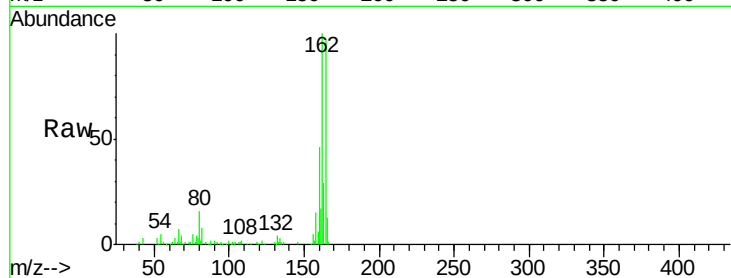
Tgt Ion:164 Resp: 108922

Ion Ratio Lower Upper

164 100

162 103.6 78.8 118.2

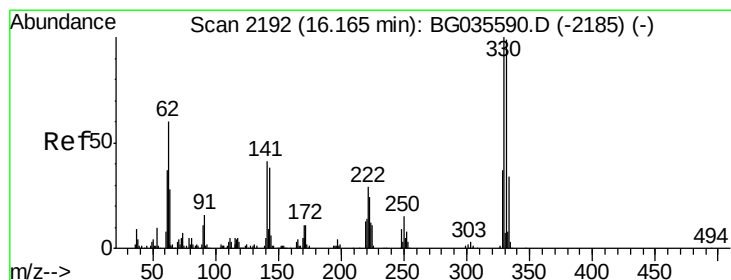
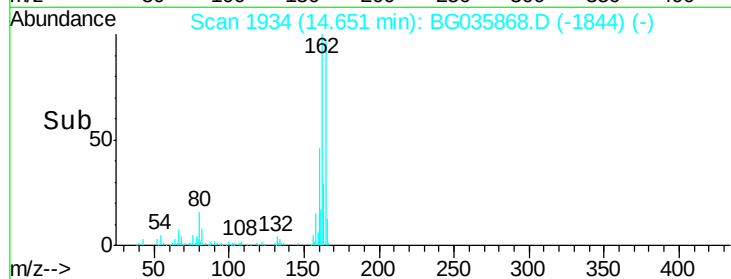
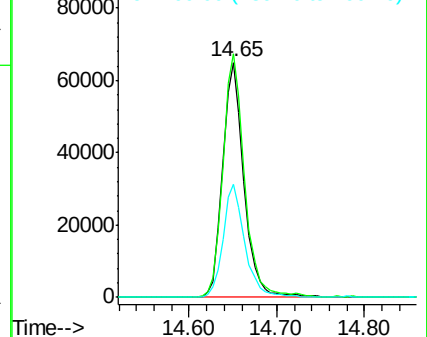
160 48.1 35.4 53.0



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: 145.148 ng

RT: 16.14 min Scan# 2187

Delta R.T. -0.01 min

Lab File: BG035868.D

Acq: 25 Jul 2018 11:18

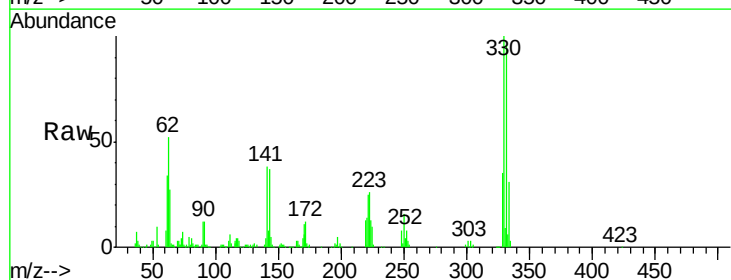
Tgt Ion:330 Resp: 208383

Ion Ratio Lower Upper

330 100

332 97.0 77.0 115.6

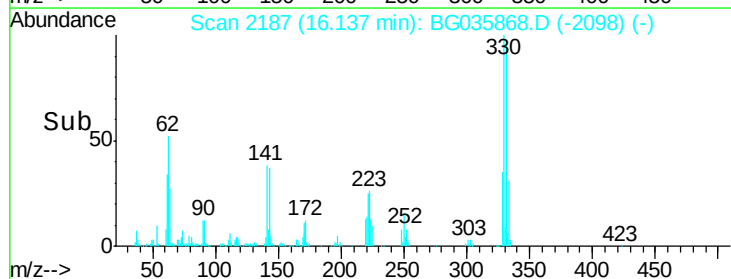
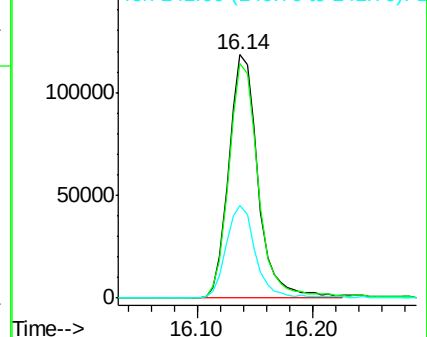
141 38.4 25.2 37.8#

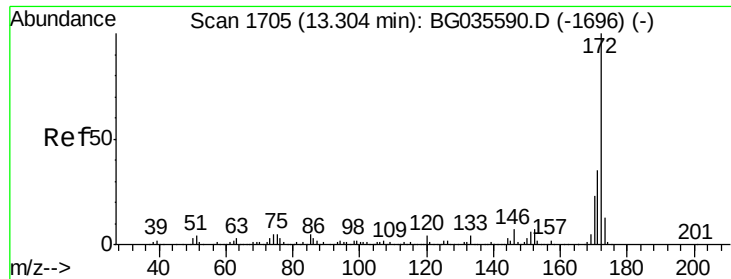


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

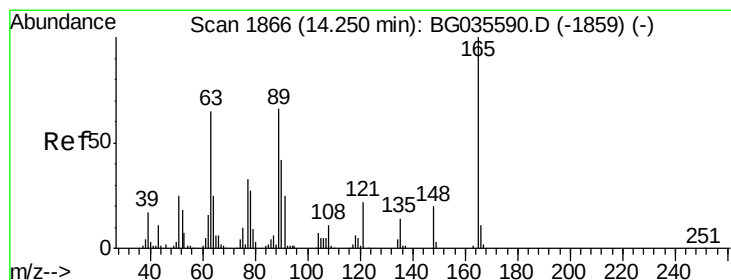
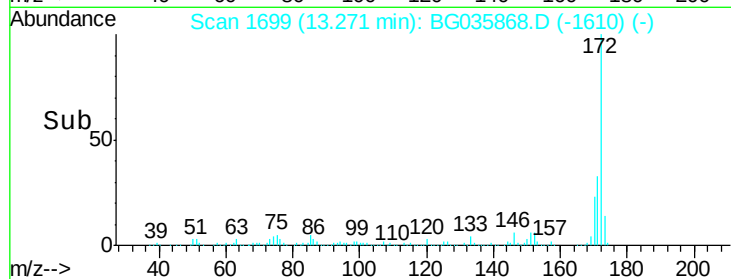
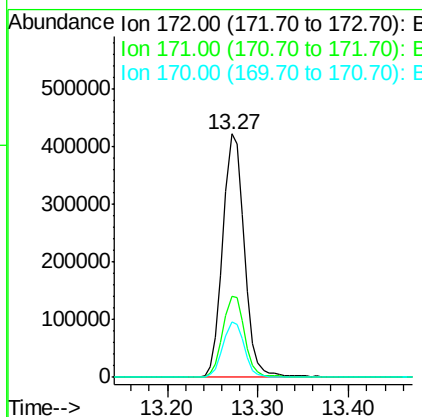
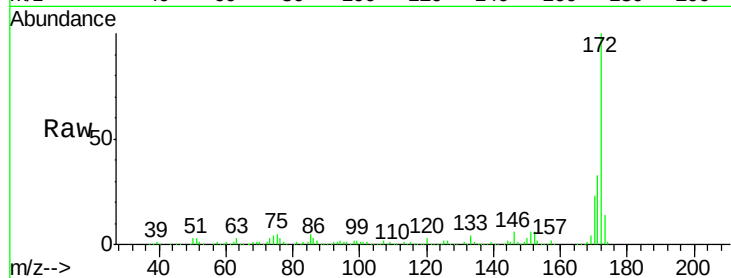




#44
 2-Fluorobiphenyl
 Concen: 86.337 ng
 RT: 13.27 min Scan# 1699
 Delta R.T. -0.01 min
 Lab File: BG035868.D
 Acq: 25 Jul 2018 11:18

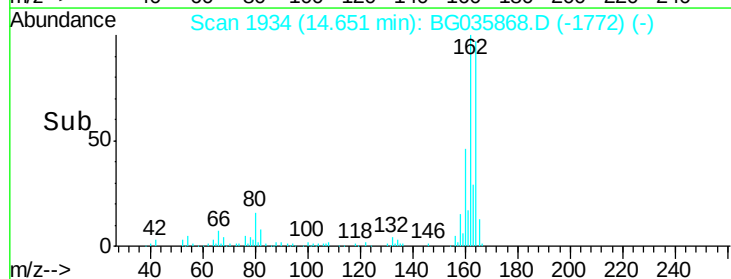
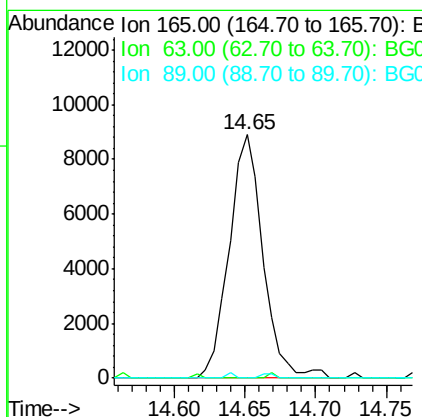
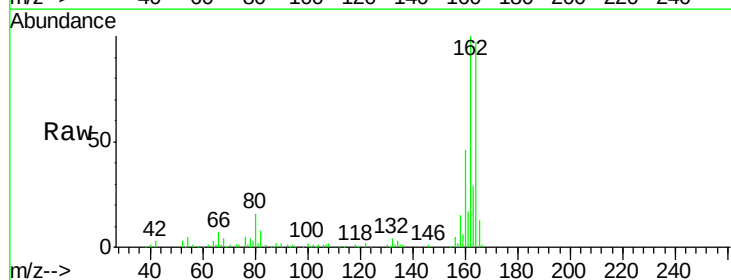
Instrument :
 BNA_G
 ClientSampled :
 PB111180BL

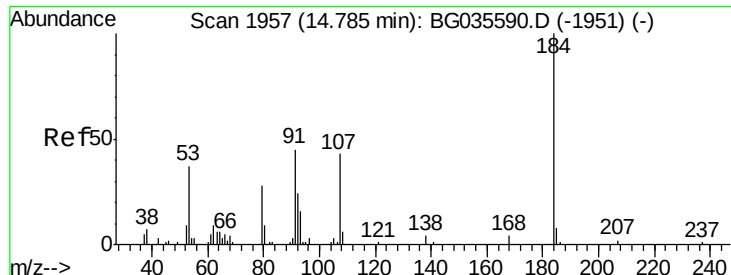
Tgt Ion:172 Resp: 701923
 Ion Ratio Lower Upper
 172 100
 171 33.2 30.0 45.0
 170 22.7 19.5 29.3



#50
 2,6-Dinitrotoluene
 Concen: 7.636 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. 0.42 min
 Lab File: BG035868.D
 Acq: 25 Jul 2018 11:18

Tgt Ion:165 Resp: 14839
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 0.0 49.2 73.8#

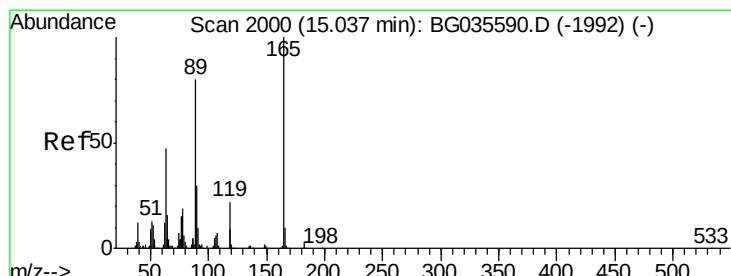
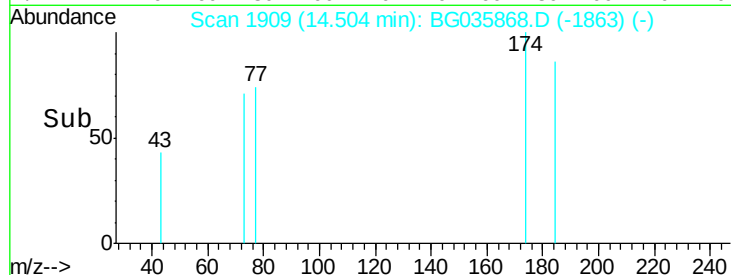
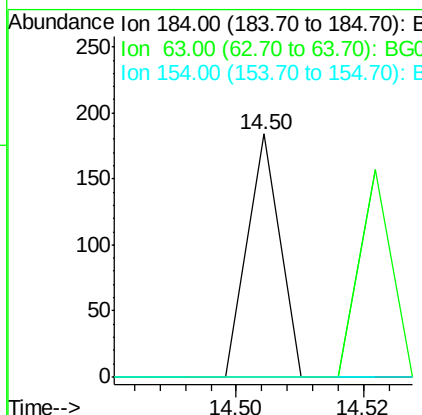
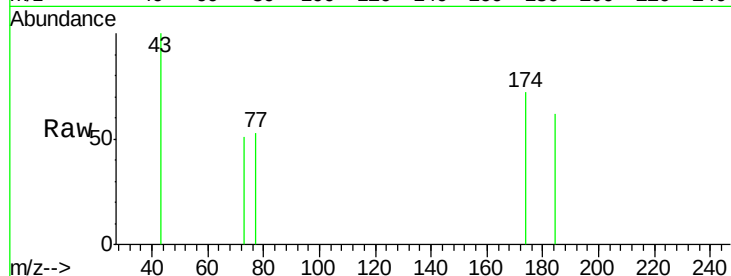




#53
 2,4-Dinitrophenol
 Concen: 6.642 ng
 RT: 14.50 min Scan# 1909
 Delta R.T. -0.26 min
 Lab File: BG035868.D
 Acq: 25 Jul 2018 11:18

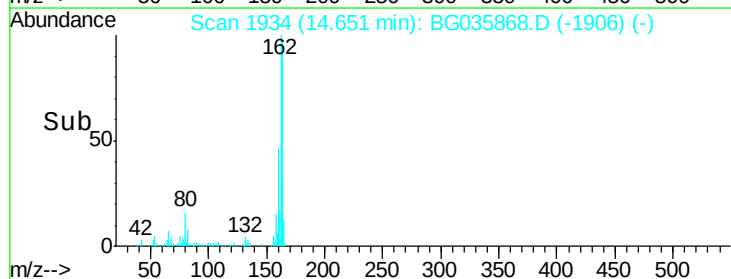
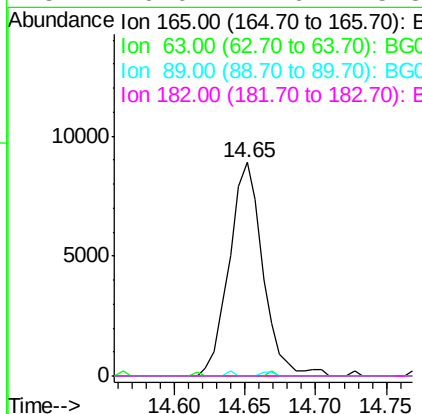
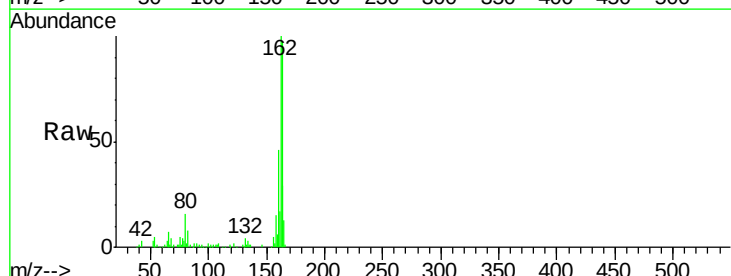
Instrument :
 BNA_G
 ClientSampleId :
 PB111180BL

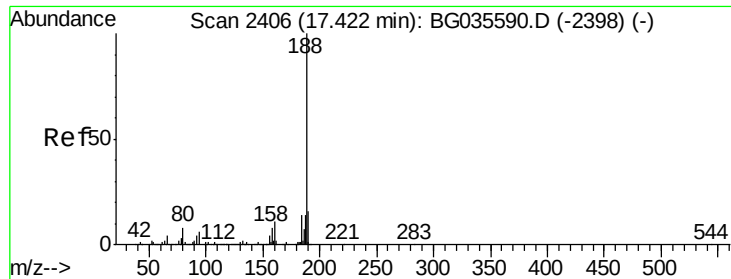
Tgt Ion:184 Resp: 65
 Ion Ratio Lower Upper
 184 100
 63 0.0 59.8 89.8#
 154 0.0 101.8 152.8#



#56
 2,4-Dinitrotoluene
 Concen: 5.322 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. -0.36 min
 Lab File: BG035868.D
 Acq: 25 Jul 2018 11:18

Tgt Ion:165 Resp: 14839
 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#

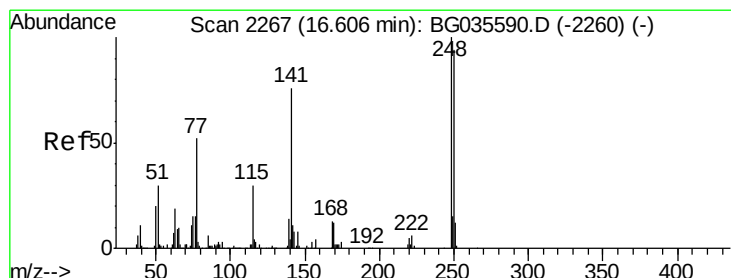
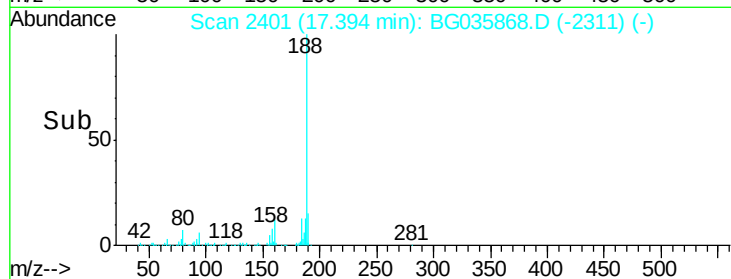
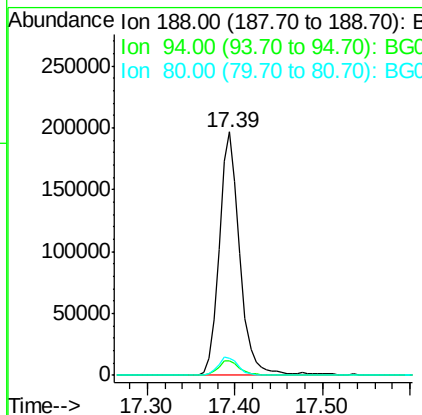
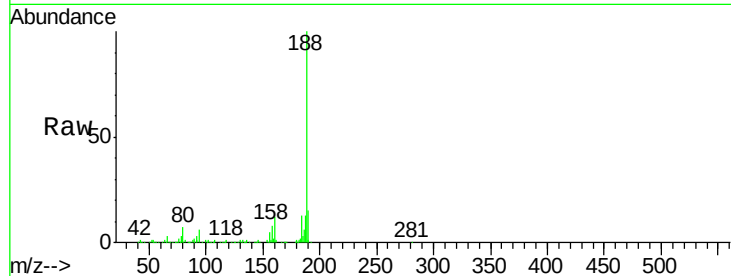




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.39 min Scan# 2401
 Delta R.T. 0.00 min
 Lab File: BG035868.D
 Acq: 25 Jul 2018 11:18

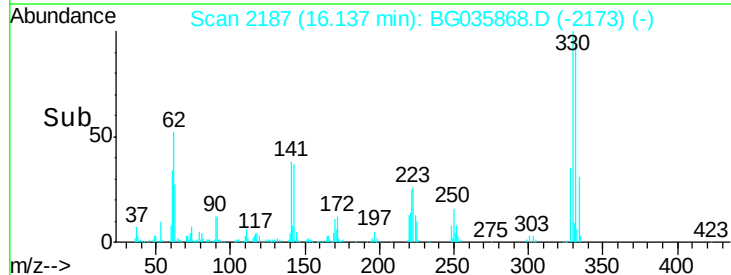
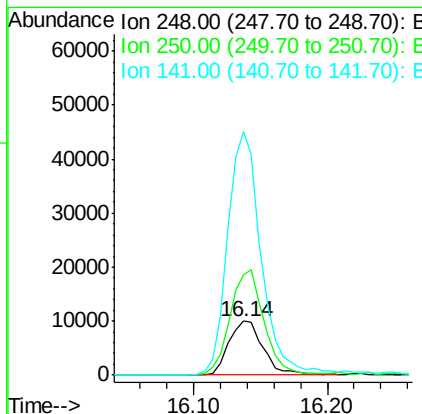
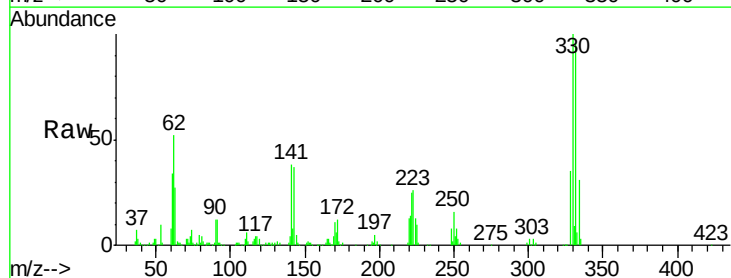
Instrument :
 BNA_G
 ClientSampleId :
 PB111180BL

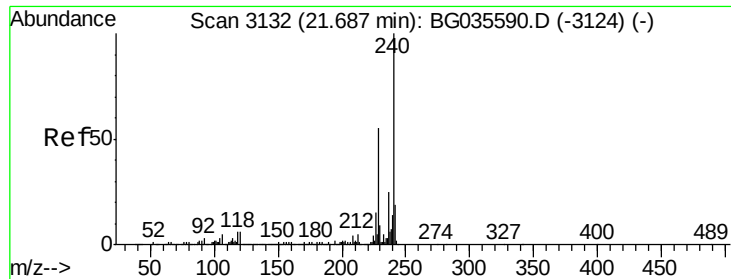
Tgt Ion:188 Resp: 318343
 Ion Ratio Lower Upper
 188 100
 94 6.2 6.9 10.3#
 80 6.8 7.7 11.5#



#66
 4-Bromophenyl-phenylether
 Concen: 4.901 ng
 RT: 16.14 min Scan# 2187
 Delta R.T. -0.45 min
 Lab File: BG035868.D
 Acq: 25 Jul 2018 11:18

Tgt Ion:248 Resp: 18101
 Ion Ratio Lower Upper
 248 100
 250 185.9 77.1 115.7#
 141 450.8 50.8 76.2#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.65 min Scan# 3126

Delta R.T. -0.01 min

Lab File: BG035868.D

Acq: 25 Jul 2018 11:18

Instrument :

BNA_G

ClientSampleId :

PB111180BL

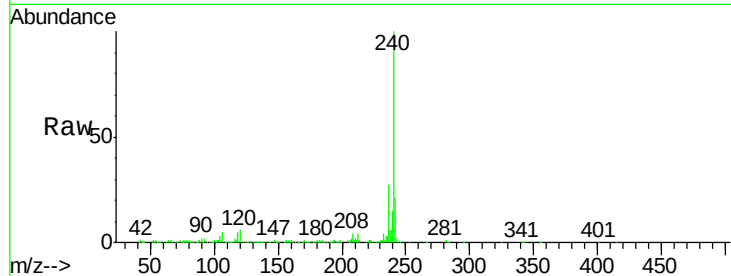
Tgt Ion:240 Resp: 335677

Ion Ratio Lower Upper

240 100

120 5.8 6.8 10.2#

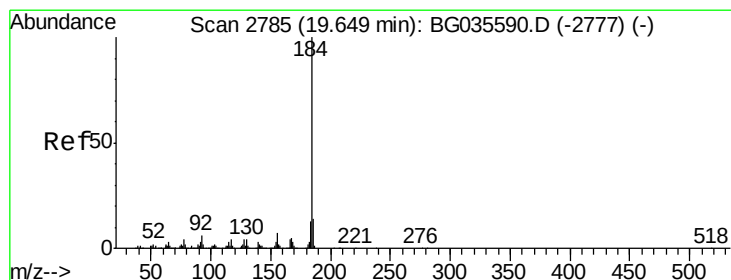
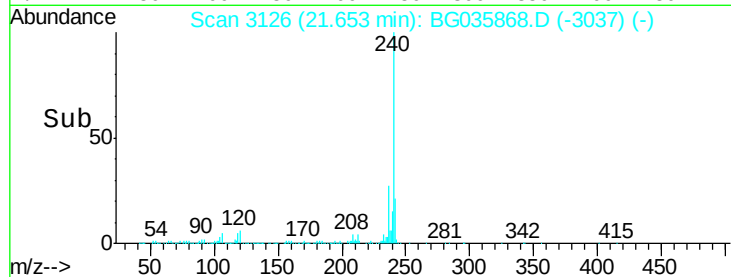
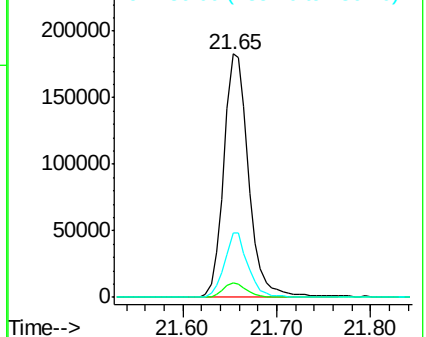
236 26.7 20.9 31.3



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: 2.485 ng

RT: 20.00 min Scan# 2845

Delta R.T. 0.38 min

Lab File: BG035868.D

Acq: 25 Jul 2018 11:18

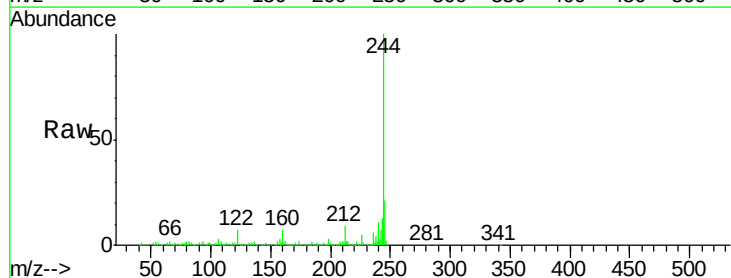
Tgt Ion:184 Resp: 21930

Ion Ratio Lower Upper

184 100

185 22.5 11.1 16.7#

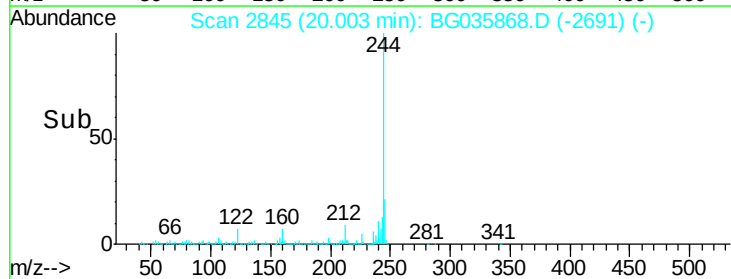
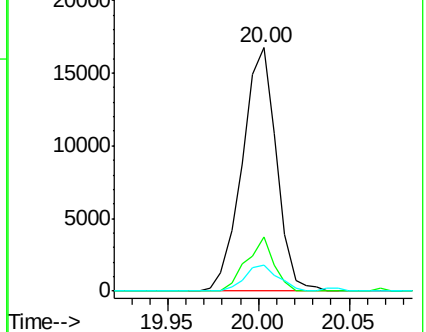
183 10.7 10.6 16.0

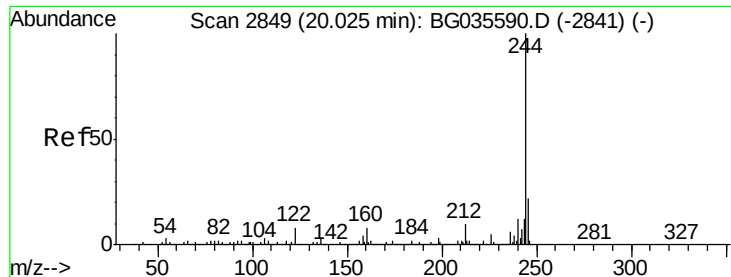


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 88.953 ng

RT: 20.00 min Scan# 2845

Delta R.T. 0.00 min

Lab File: BG035868.D

Acq: 25 Jul 2018 11:18

Instrument :

BNA_G

ClientSampleId :

PB111180BL

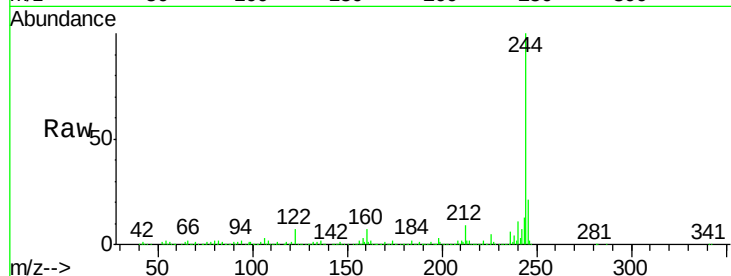
Tgt Ion:244 Resp: 1354605

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

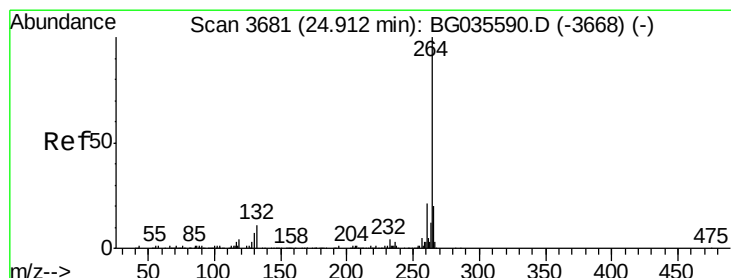
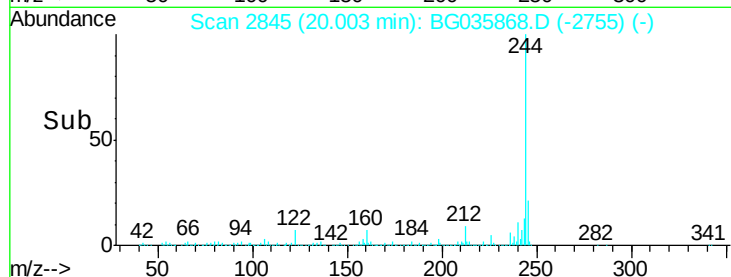
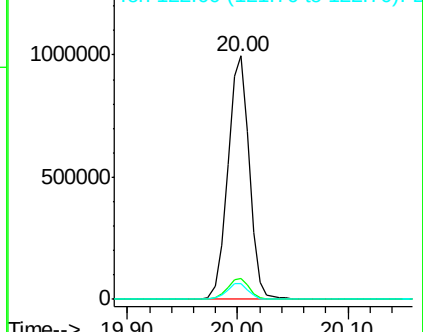
122 6.7 7.0 10.4#



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: BG035868.D

Acq: 25 Jul 2018 11:18

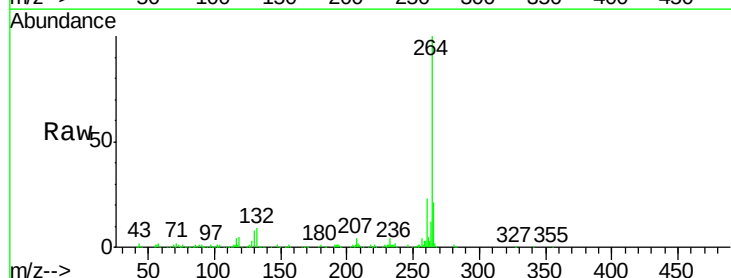
Tgt Ion:264 Resp: 318472

Ion Ratio Lower Upper

264 100

260 23.1 17.4 26.0

265 21.1 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

