

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072018\
 Data File : BG035818.D
 Acq On : 21 Jul 2018 13:37
 Operator : JU/SJ
 Sample : PB111321TB
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB111321TB

Quant Time: Jul 23 01:03:43 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 15:28:54 2018
 Response via : Initial Calibration

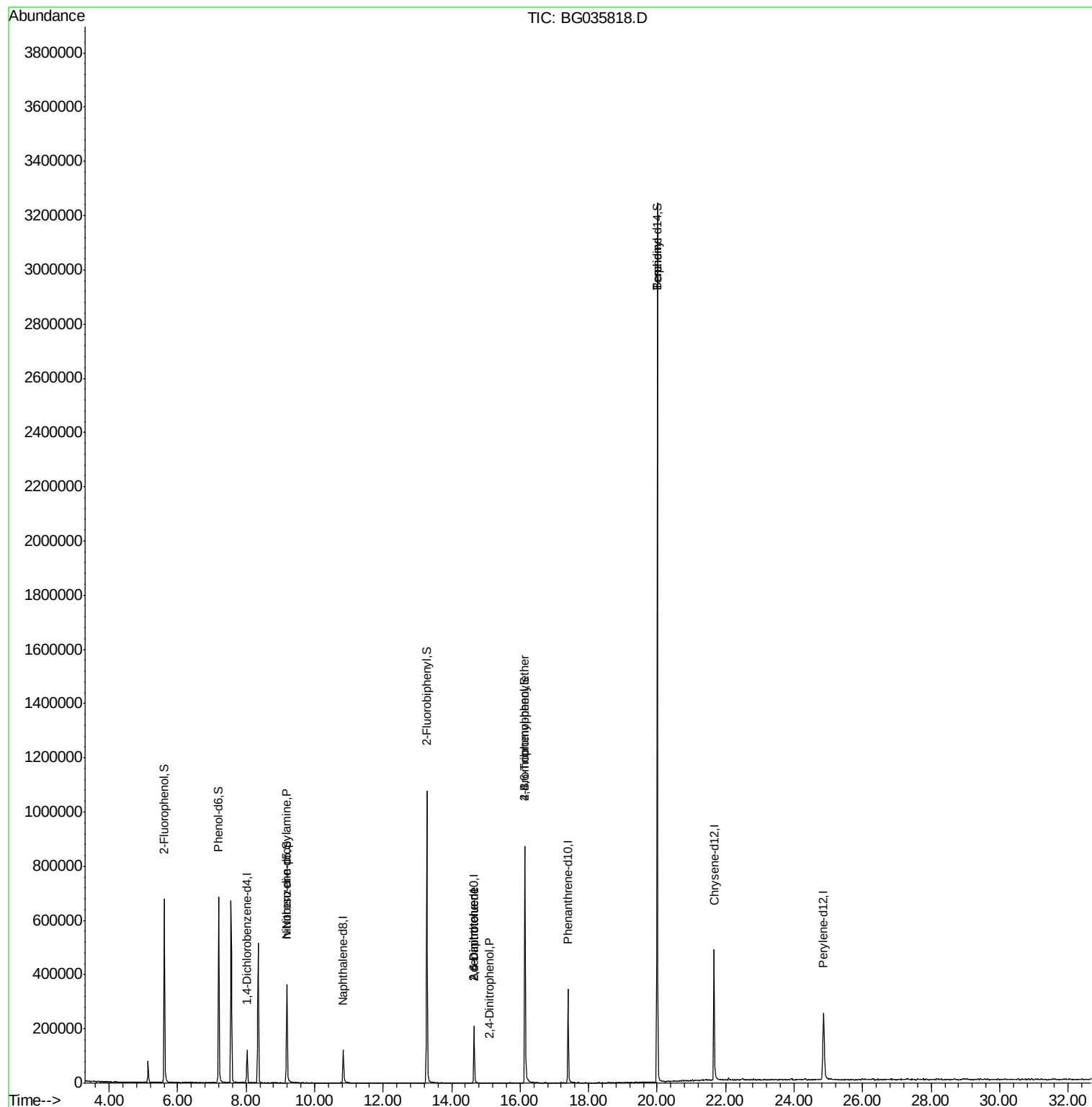
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	35416	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	121016	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	84399	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	256362	20.00	ng	0.00
75) Chrysene-d12	21.66	240	341956	20.00	ng	0.00
86) Perylene-d12	24.85	264	318976	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	306366	143.62	ng	0.00
7) Phenol-d6	7.20	99	421352	132.39	ng	0.00
23) Nitrobenzene-d5	9.19	82	270344	93.32	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	175852	158.08	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	638046	101.28	ng	0.00
78) Terphenyl-d14	20.00	244	1519033	97.92	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.19	70	35483	13.239	ng	# 69
50) 2,6-Dinitrotoluene	14.65	165	10669	7.085	ng	# 18
53) 2,4-Dinitrophenol	15.12	184	62	6.656	ng	# 1
56) 2,4-Dinitrotoluene	14.65	165	10669	4.939	ng	# 16
66) 4-Bromophenyl-phenylether	16.14	248	14703	4.943	ng	# 1
76) Benzidine	20.00	184	26138	2.907	ng	# 91

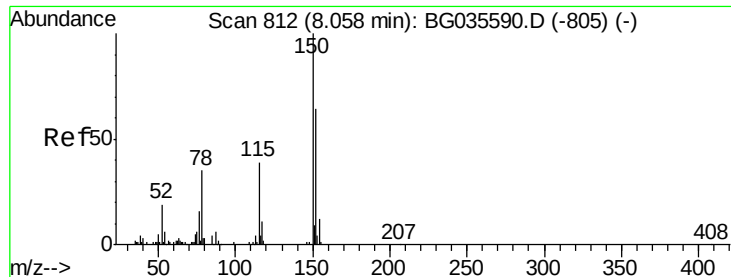
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration



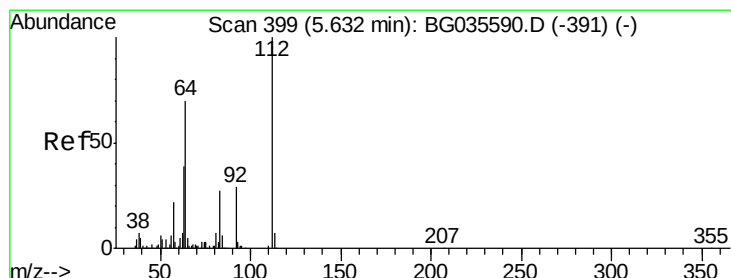
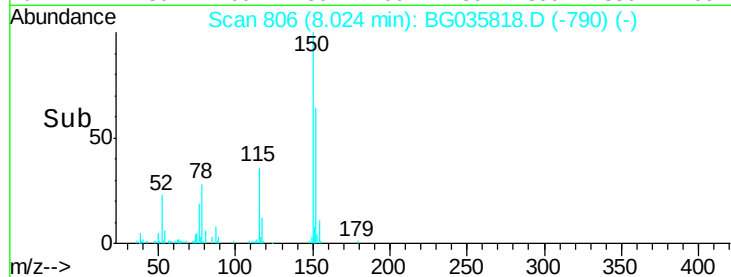
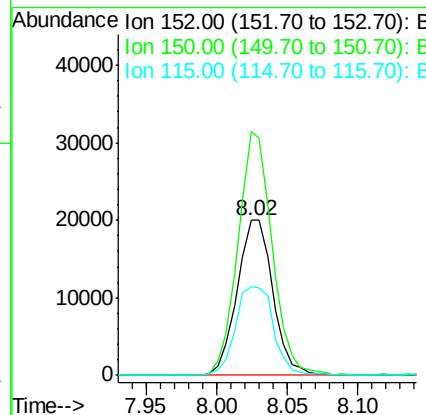
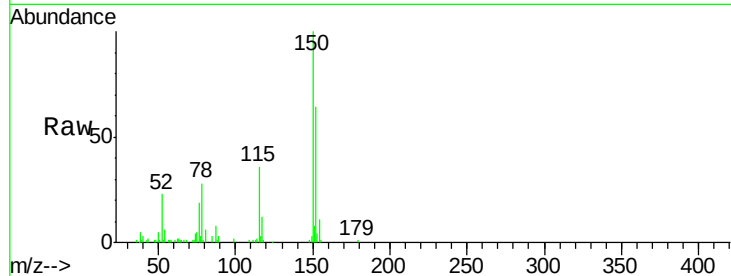


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 806
Delta R.T. -0.00 min
Lab File: BG035818.D
Acq: 21 Jul 2018 13:37

Instrument :
BNA_G
ClientSampleId :
PB111321TB

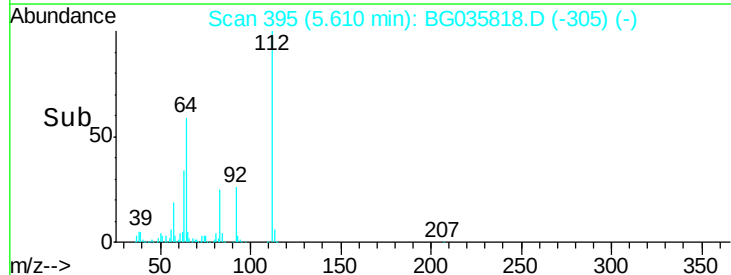
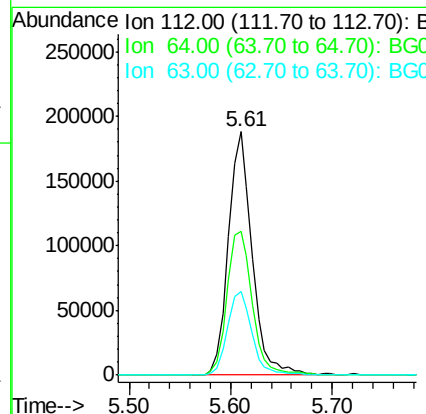
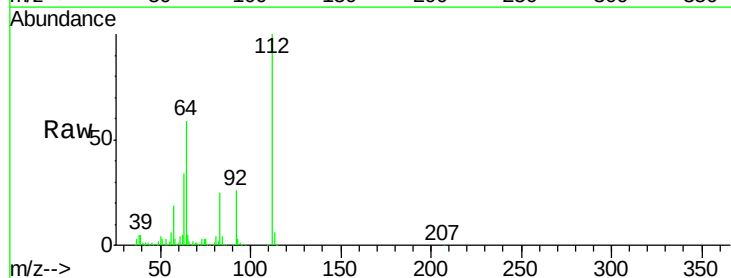
Tgt Ion:152 Resp: 35416
Ion Ratio Lower Upper
152 100
150 157.0 126.6 189.8
115 56.8 53.0 79.4

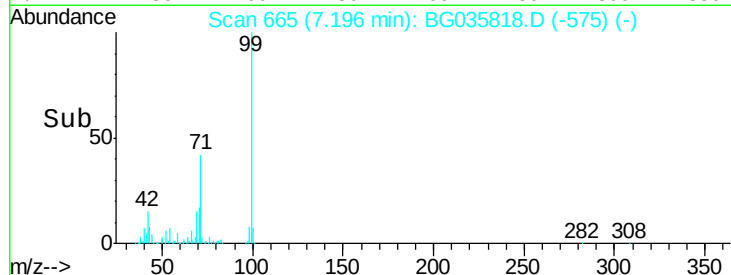
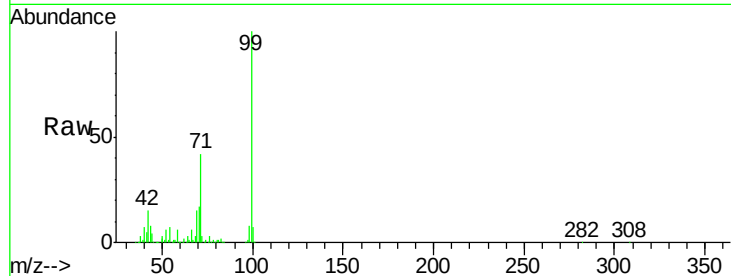
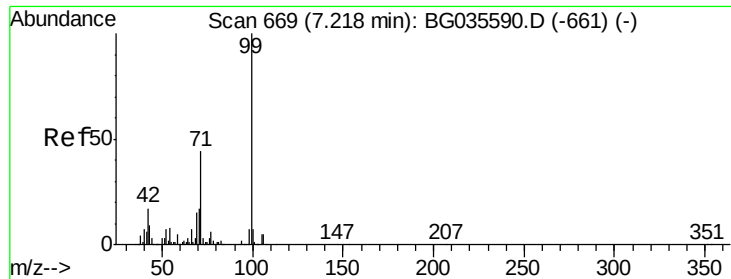


#5

2-Fluorophenol
Concen: 143.619 ng
RT: 5.61 min Scan# 395
Delta R.T. -0.00 min
Lab File: BG035818.D
Acq: 21 Jul 2018 13:37

Tgt Ion:112 Resp: 306366
Ion Ratio Lower Upper
112 100
64 59.3 56.3 84.5
63 34.4 30.1 45.1





#7

Phenol-d6

Concen: 132.388 ng

RT: 7.20 min Scan# 665

Delta R.T. -0.00 min

Lab File: BG035818.D

Acq: 21 Jul 2018 13:37

Instrument :

BNA_G

ClientSampleId :

PB111321TB

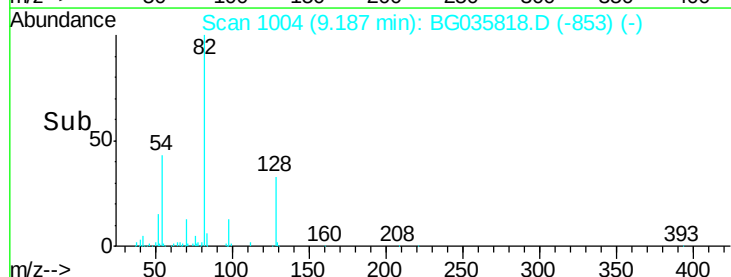
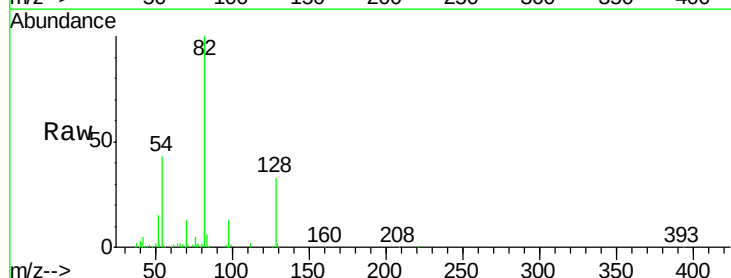
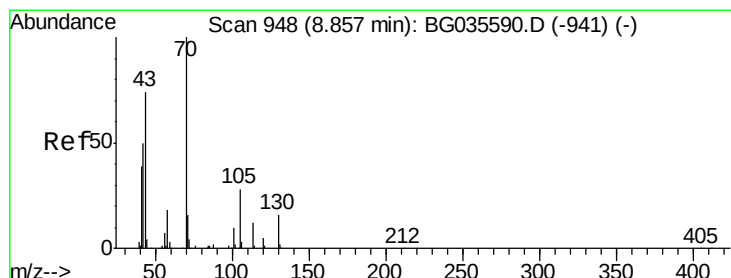
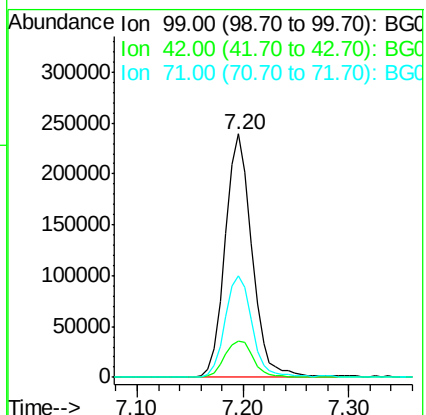
Tgt Ion: 99 Resp: 421352

Ion Ratio Lower Upper

99 100

42 14.8 14.1 21.1

71 41.5 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 13.239 ng

RT: 9.19 min Scan# 1004

Delta R.T. 0.35 min

Lab File: BG035818.D

Acq: 21 Jul 2018 13:37

Tgt Ion: 70 Resp: 35483

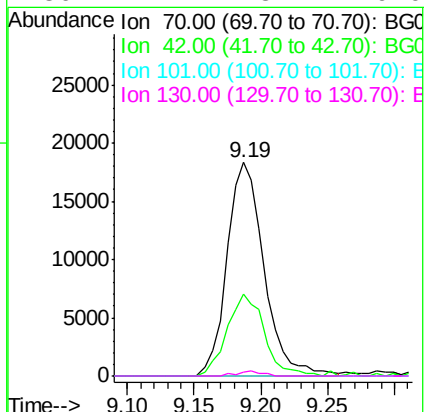
Ion Ratio Lower Upper

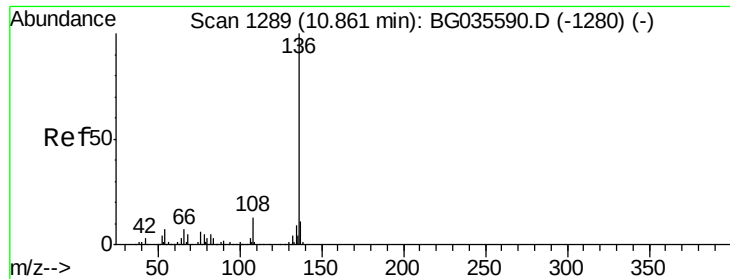
70 100

42 38.1 49.1 73.7#

101 0.0 8.5 12.7#

130 1.7 13.4 20.0#

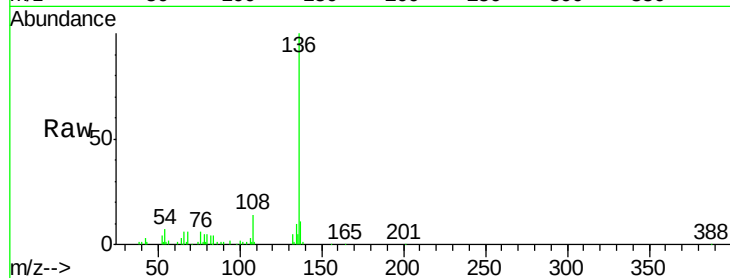




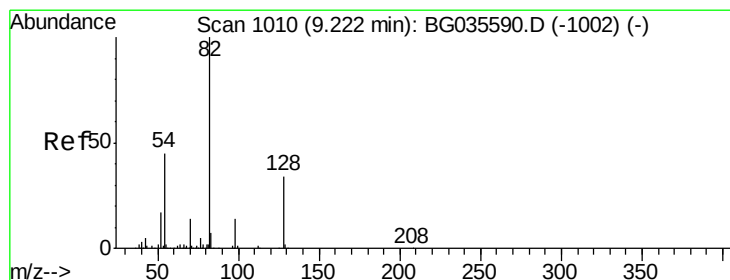
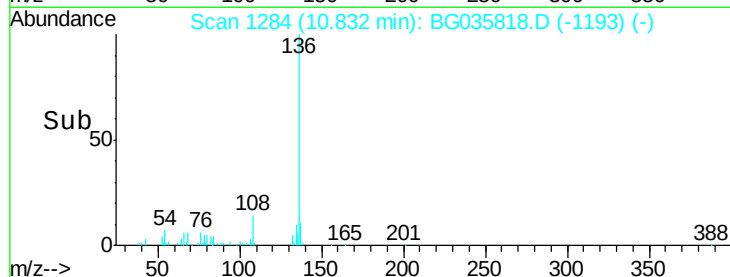
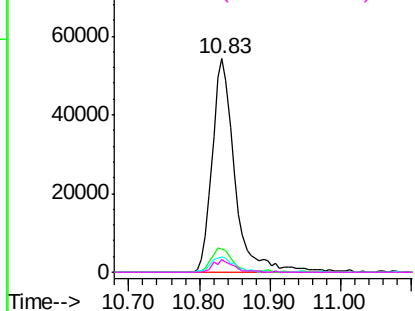
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BG035818.D
Acq: 21 Jul 2018 13:37

Instrument :
BNA_G
ClientSampleId :
PB111321TB

Tgt Ion:	136	Resp:	121016
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.2	13.8
54	7.0	10.3	15.5#
68	6.1	4.5	6.7

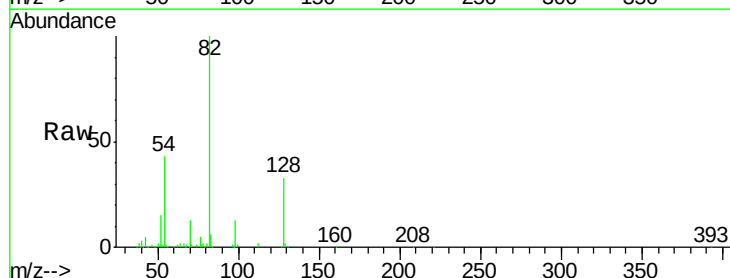


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

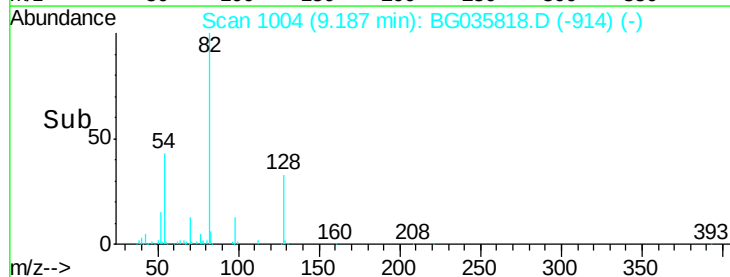
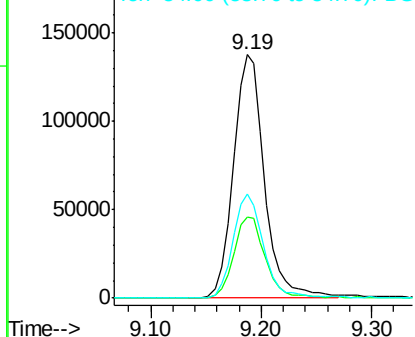


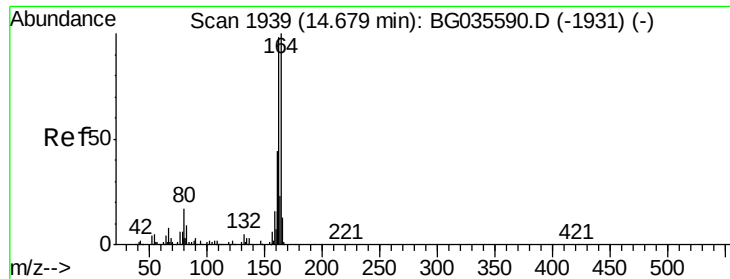
#23
Nitrobenzene-d5
Concen: 93.323 ng
RT: 9.19 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BG035818.D
Acq: 21 Jul 2018 13:37

Tgt Ion:	82	Resp:	270344
Ion	Ratio	Lower	Upper
82	100		
128	33.3	29.7	44.5
54	42.9	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: 14.65 min Scan# 1934

Delta R.T. -0.00 min

Lab File: BG035818.D

Acq: 21 Jul 2018 13:37

Instrument :

BNA_G

ClientSampleId :

PB111321TB

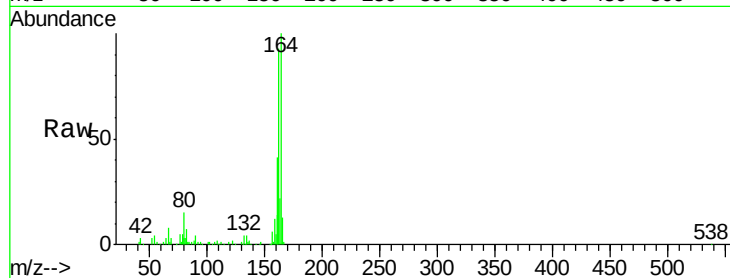
Tgt Ion:164 Resp: 84399

Ion Ratio Lower Upper

164 100

162 93.4 78.8 118.2

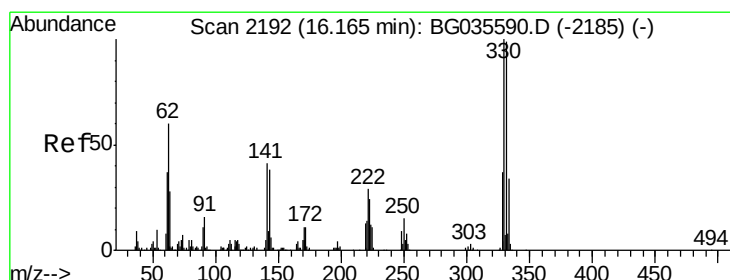
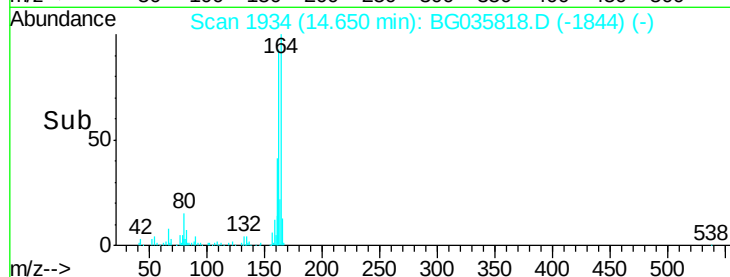
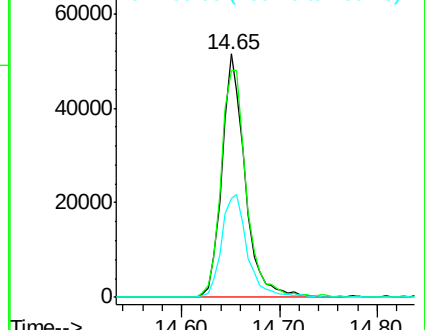
160 40.7 35.4 53.0



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: 158.079 ng

RT: 16.14 min Scan# 2188

Delta R.T. 0.00 min

Lab File: BG035818.D

Acq: 21 Jul 2018 13:37

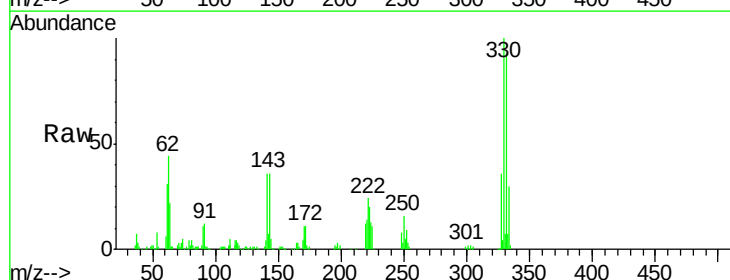
Tgt Ion:330 Resp: 175852

Ion Ratio Lower Upper

330 100

332 94.1 77.0 115.6

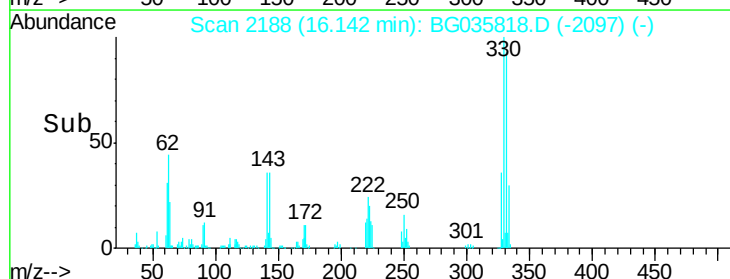
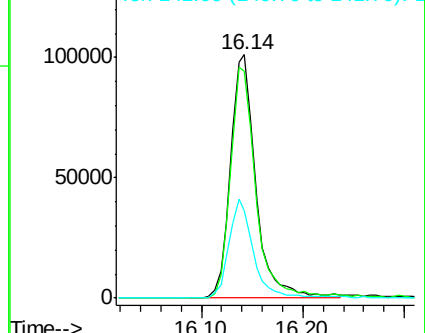
141 38.5 25.2 37.8#

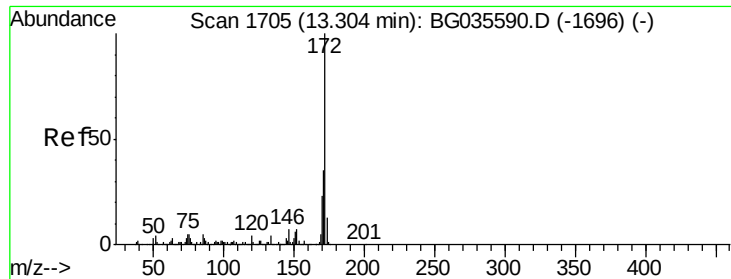


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

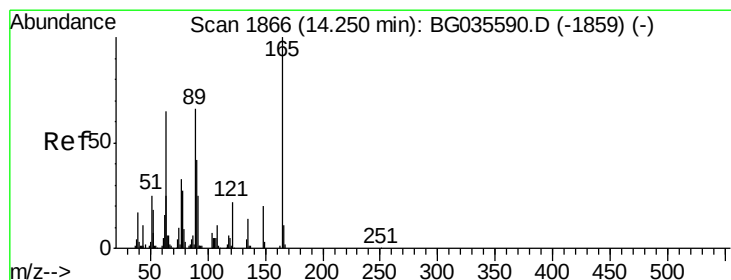
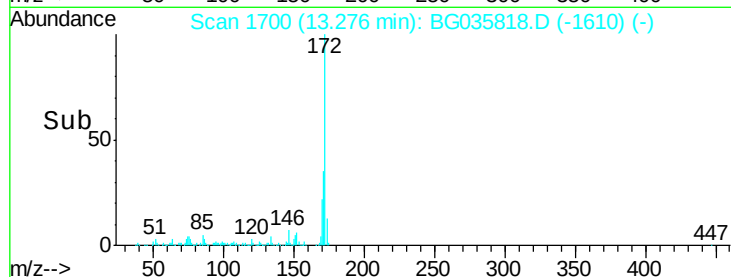
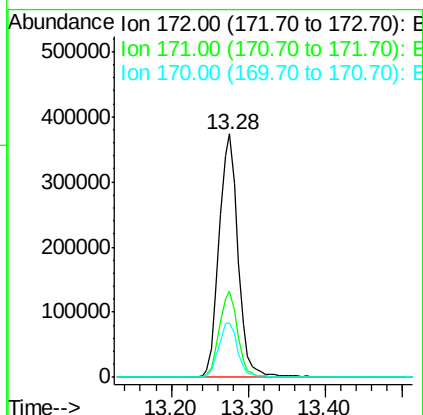
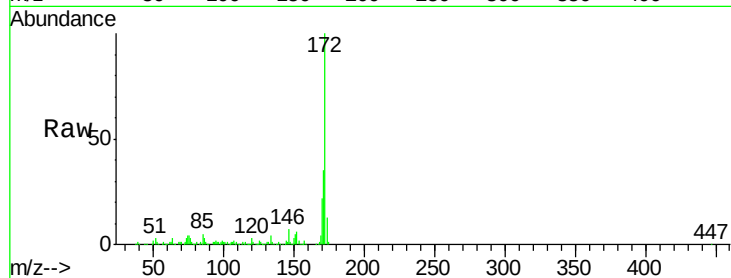




#44
 2-Fluorobiphenyl
 Concen: 101.283 ng
 RT: 13.28 min Scan# 1700
 Delta R.T. -0.00 min
 Lab File: BG035818.D
 Acq: 21 Jul 2018 13:37

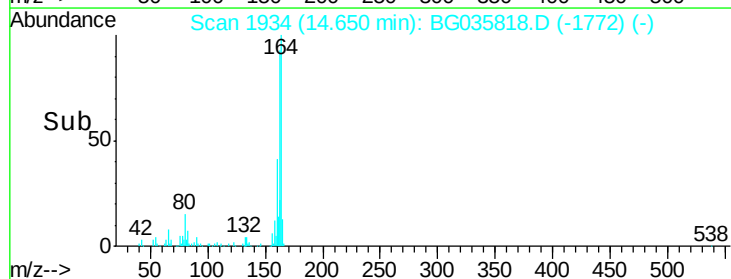
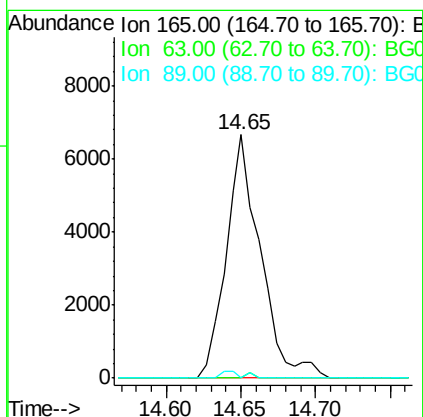
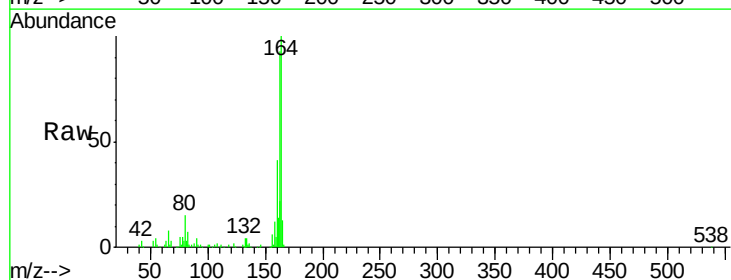
Instrument :
 BNA_G
 ClientSampleId :
 PB111321TB

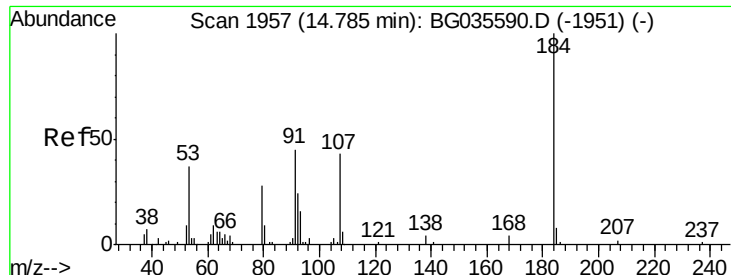
Tgt Ion:172 Resp: 638046
 Ion Ratio Lower Upper
 172 100
 171 35.2 30.0 45.0
 170 22.4 19.5 29.3



#50
 2,6-Dinitrotoluene
 Concen: 7.085 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. 0.42 min
 Lab File: BG035818.D
 Acq: 21 Jul 2018 13:37

Tgt Ion:165 Resp: 10669
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 0.0 49.2 73.8#

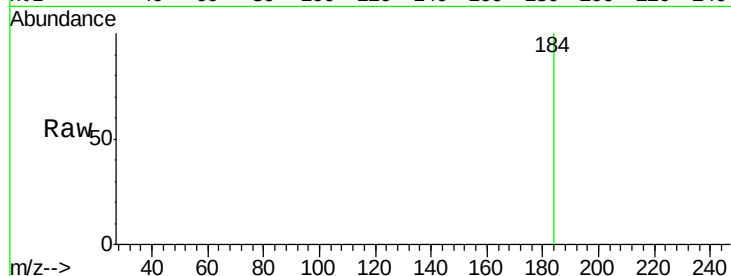




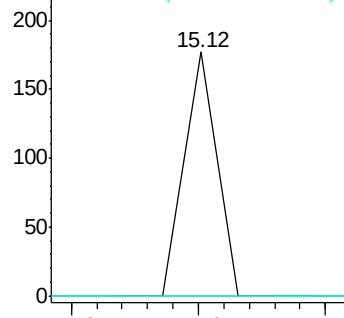
#53
2,4-Dinitrophenol
Concen: 6.656 ng
RT: 15.12 min Scan# 2014
Delta R.T. 0.35 min
Lab File: BG035818.D
Acq: 21 Jul 2018 13:37

Instrument :
BNA_G
ClientSampleId :
PB111321TB

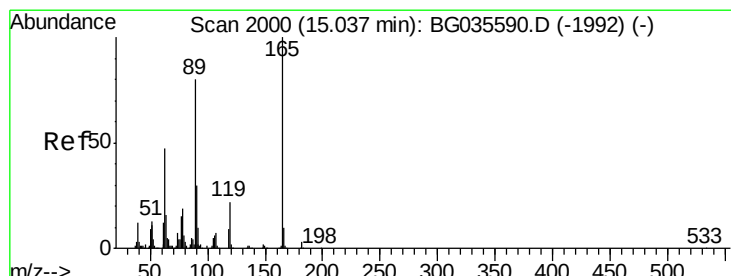
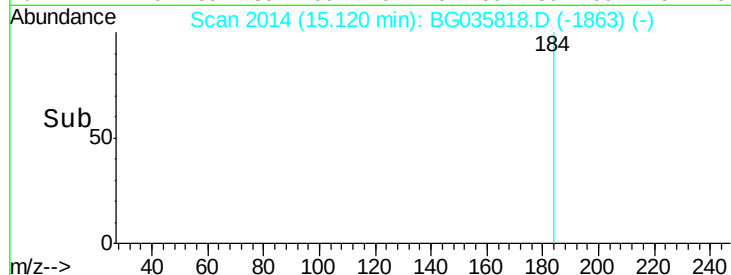
Tgt Ion:184 Resp: 62
Ion Ratio Lower Upper
184 100
63 0.0 59.8 89.8#
154 0.0 101.8 152.8#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

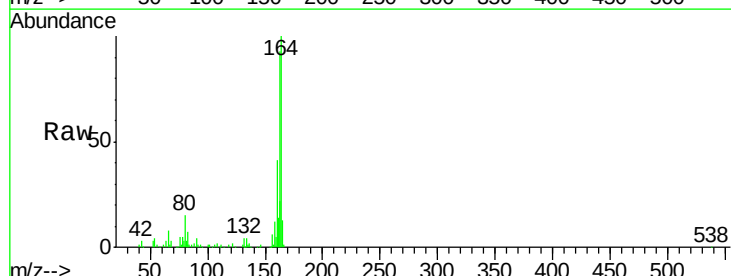


Time-->

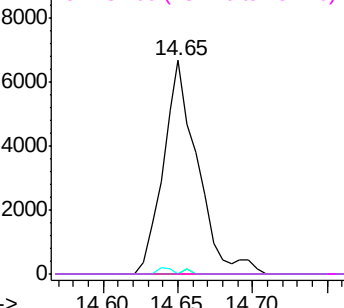


#56
2,4-Dinitrotoluene
Concen: 4.939 ng
RT: 14.65 min Scan# 1934
Delta R.T. -0.36 min
Lab File: BG035818.D
Acq: 21 Jul 2018 13:37

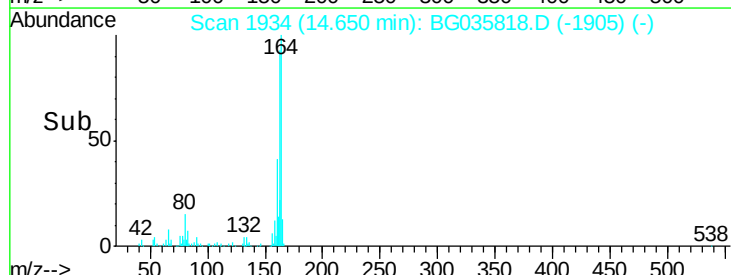
Tgt Ion:165 Resp: 10669
Ion Ratio Lower Upper
165 100
63 0.0 42.0 63.0#
89 0.0 66.9 100.3#
182 0.0 2.6 3.8#

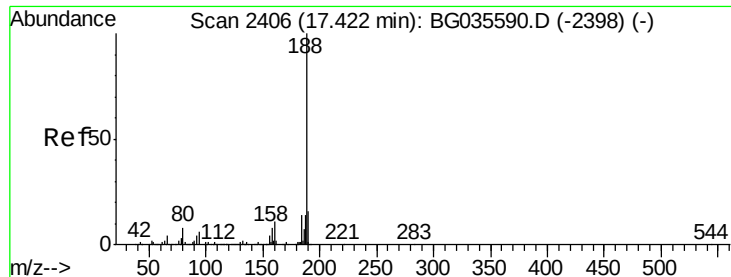


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E



Time-->

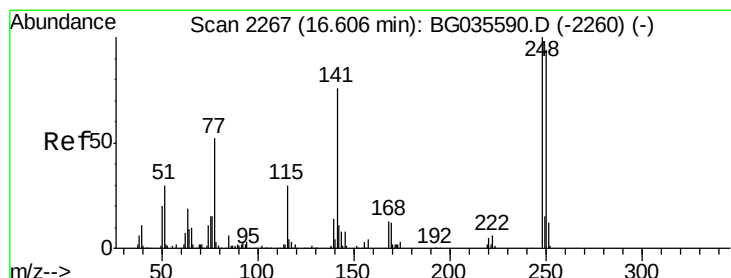
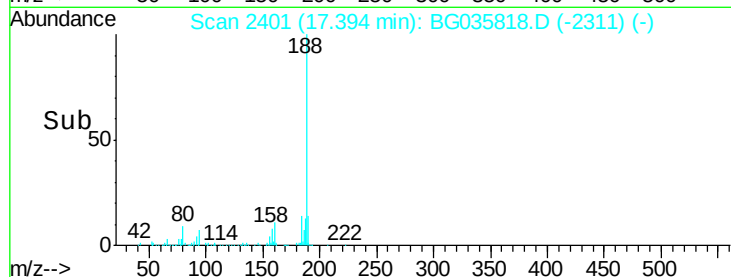
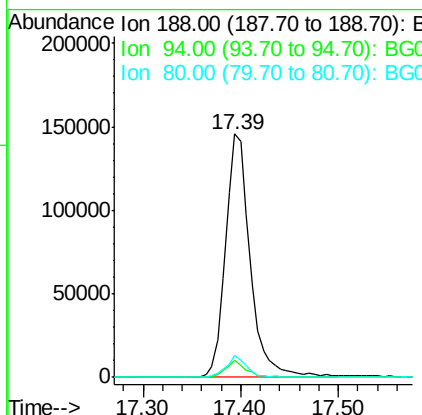
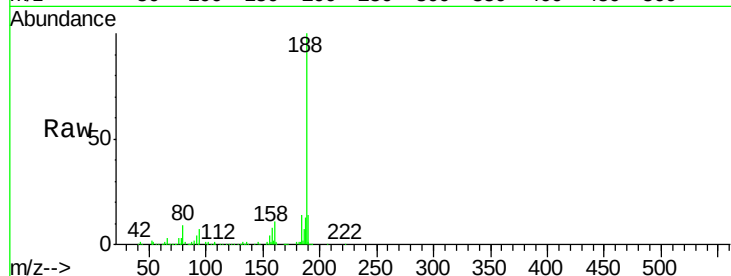




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2401
Delta R.T. -0.00 min
Lab File: BG035818.D
Acq: 21 Jul 2018 13:37

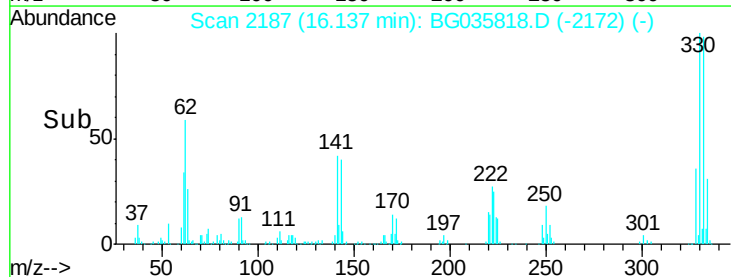
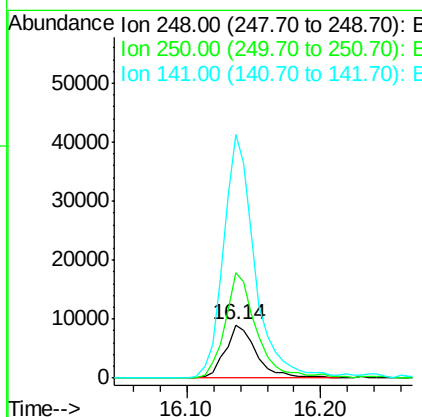
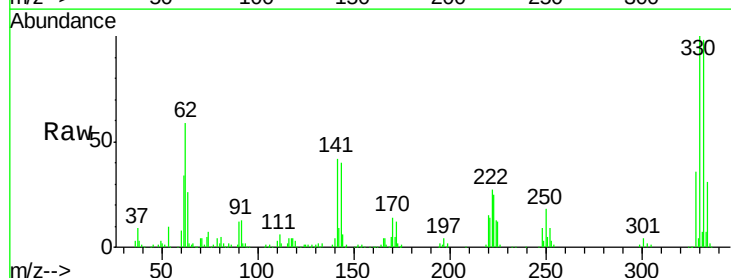
Instrument :
BNA_G
ClientSampleId :
PB111321TB

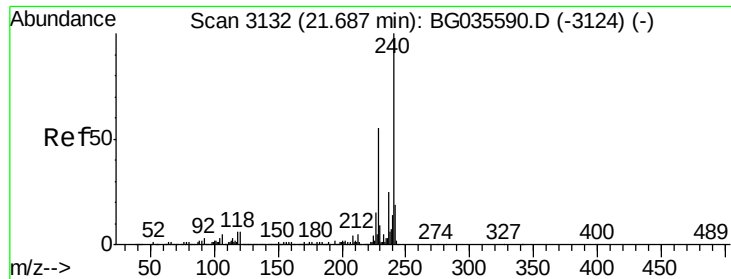
Tgt Ion:188 Resp: 256362
Ion Ratio Lower Upper
188 100
94 7.1 6.9 10.3
80 8.9 7.7 11.5



#66
4-Bromophenyl-phenylether
Concen: 4.943 ng
RT: 16.14 min Scan# 2187
Delta R.T. -0.44 min
Lab File: BG035818.D
Acq: 21 Jul 2018 13:37

Tgt Ion:248 Resp: 14703
Ion Ratio Lower Upper
248 100
250 199.3 77.1 115.7#
141 458.8 50.8 76.2#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3127

Delta R.T. -0.00 min

Lab File: BG035818.D

Acq: 21 Jul 2018 13:37

Instrument :

BNA_G

ClientSampleId :

PB111321TB

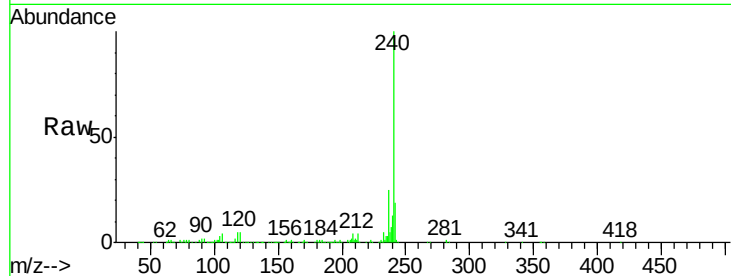
Tgt Ion:240 Resp: 341956

Ion Ratio Lower Upper

240 100

120 4.5 6.8 10.2#

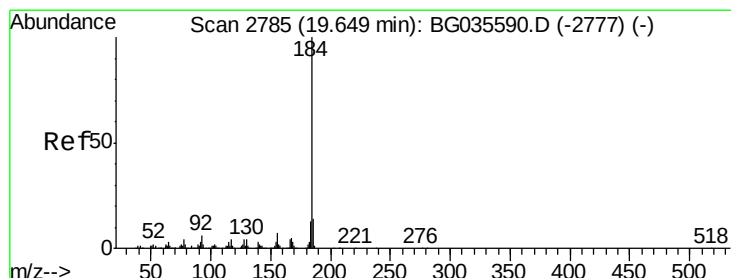
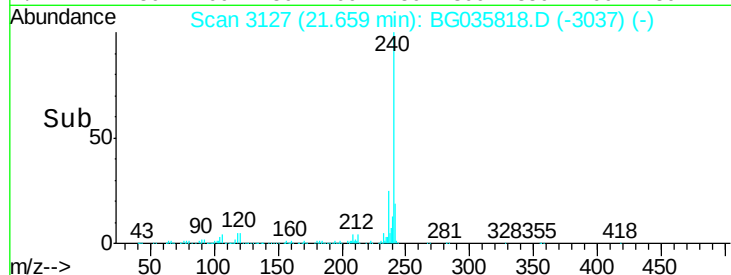
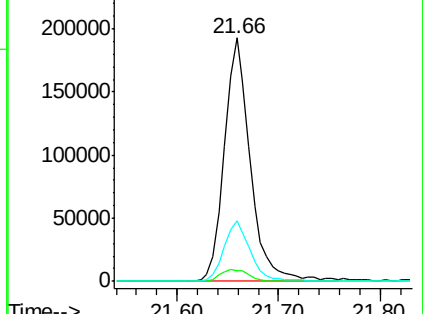
236 24.7 20.9 31.3



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: 2.907 ng

RT: 20.00 min Scan# 2845

Delta R.T. 0.38 min

Lab File: BG035818.D

Acq: 21 Jul 2018 13:37

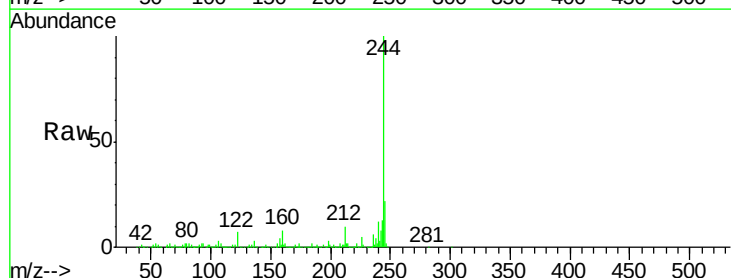
Tgt Ion:184 Resp: 26138

Ion Ratio Lower Upper

184 100

185 18.3 11.1 16.7#

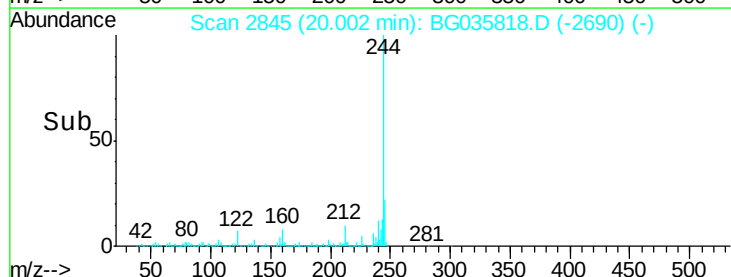
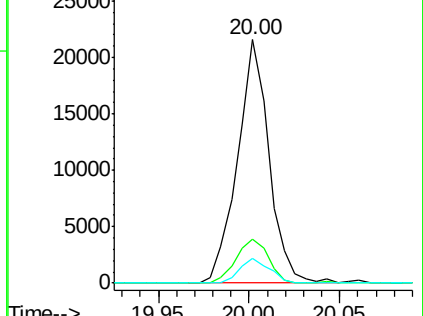
183 10.3 10.6 16.0#

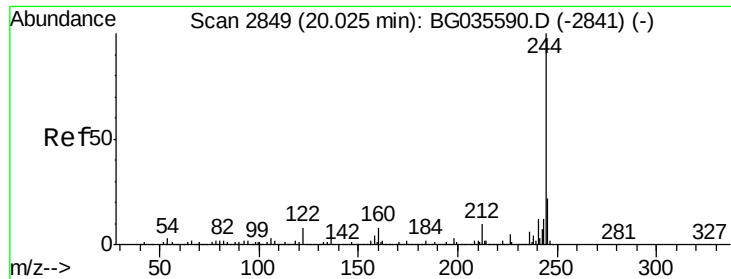


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 97.919 ng

RT: 20.00 min Scan# 2845

Delta R.T. 0.00 min

Lab File: BG035818.D

Acq: 21 Jul 2018 13:37

Instrument :

BNA_G

ClientSampleId :

PB111321TB

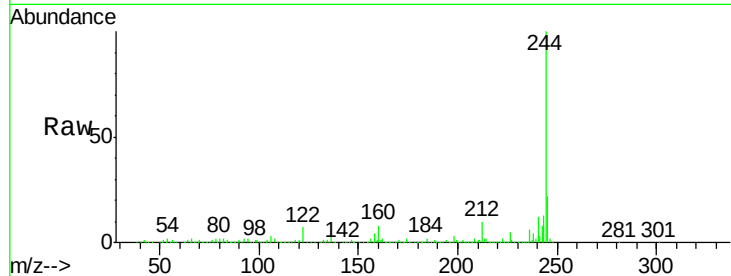
Tgt Ion:244 Resp: 1519033

Ion Ratio Lower Upper

244 100

212 9.8 5.8 8.8#

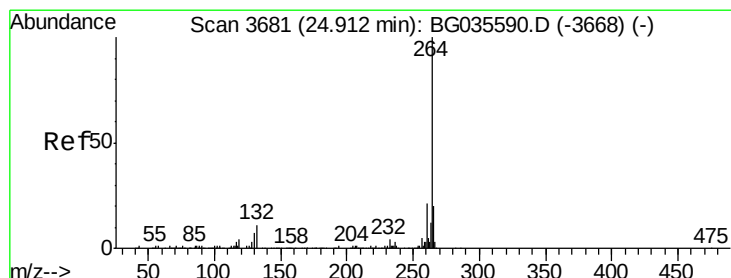
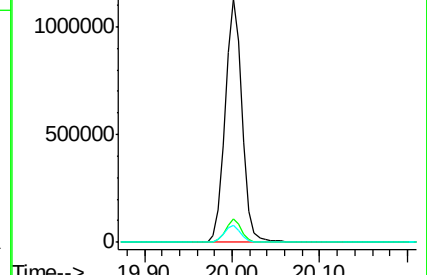
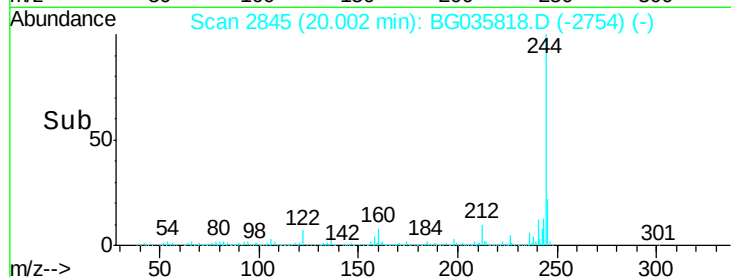
122 6.9 7.0 10.4#



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. -0.00 min

Lab File: BG035818.D

Acq: 21 Jul 2018 13:37

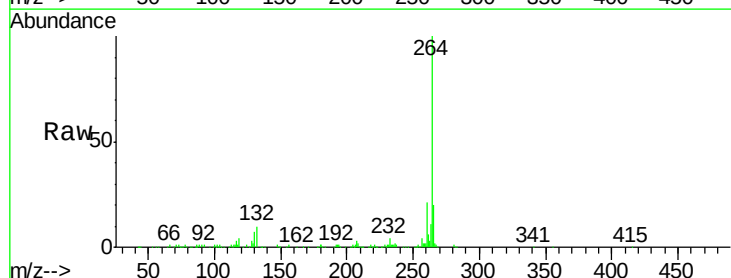
Tgt Ion:264 Resp: 318976

Ion Ratio Lower Upper

264 100

260 20.7 17.4 26.0

265 19.7 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

