

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072018\
 Data File : BG035808.D
 Acq On : 21 Jul 2018 7:09
 Operator : JU/SJ
 Sample : J4062-12
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-4

Quant Time: Jul 23 01:01:26 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

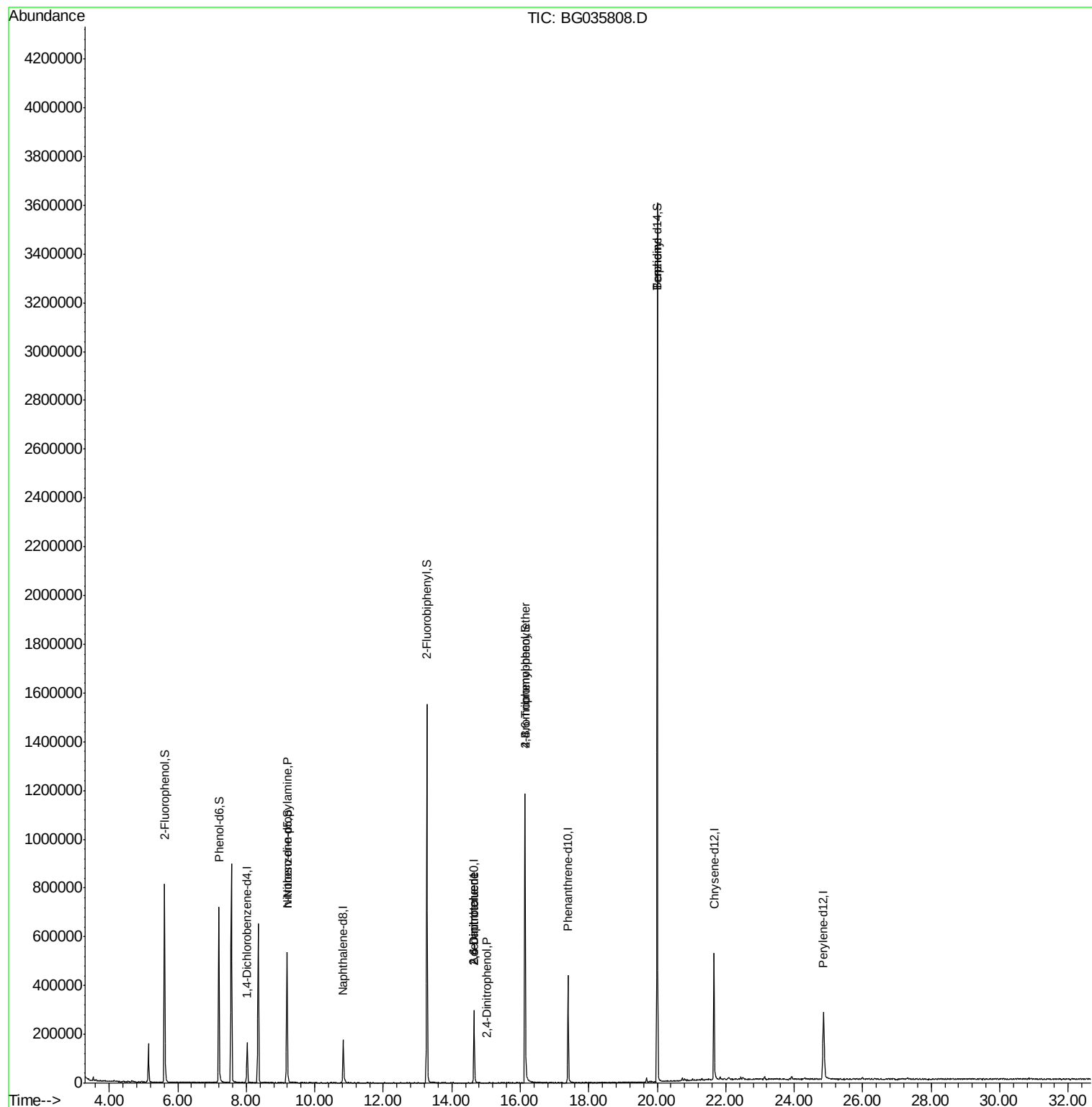
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	46784	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	168359	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	110950	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	310345	20.00	ng	0.00
75) Chrysene-d12	21.66	240	349035	20.00	ng	0.00
86) Perylene-d12	24.85	264	330927	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	362018	128.47	ng	0.00
7) Phenol-d6	7.20	99	449582	106.93	ng	0.00
23) Nitrobenzene-d5	9.19	82	373739	92.74	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	233904	159.95	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	831826	100.44	ng	0.00
78) Terphenyl-d14	20.00	244	1665440	105.18	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.19	70	49434	13.963	ng	# 74
50) 2,6-Dinitrotoluene	14.65	165	13651	6.896	ng	# 21
53) 2,4-Dinitrophenol	15.02	184	58	6.634	ng	# 1
56) 2,4-Dinitrotoluene	14.65	165	13651	4.807	ng	# 19
66) 4-Bromophenyl-phenylether	16.14	248	19441	5.399	ng	# 1
76) Benzidine	20.00	184	29600	3.226	ng	# 90

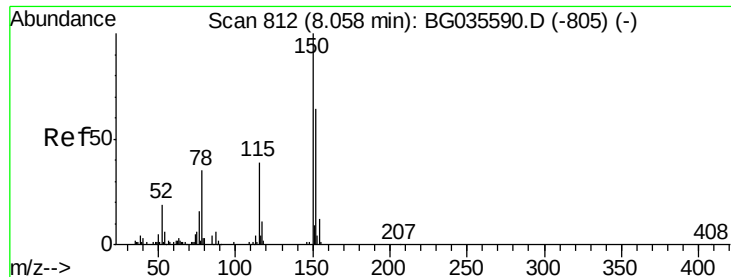
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072018\
Data File : BG035808.D
Acq On : 21 Jul 2018 7:09
Operator : JU/SJ
Sample : J4062-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-4

Quant Time: Jul 23 01:01:26 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



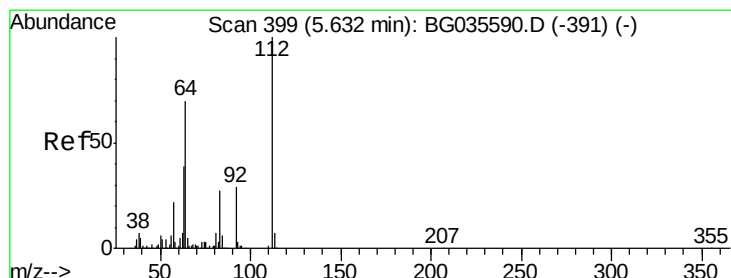
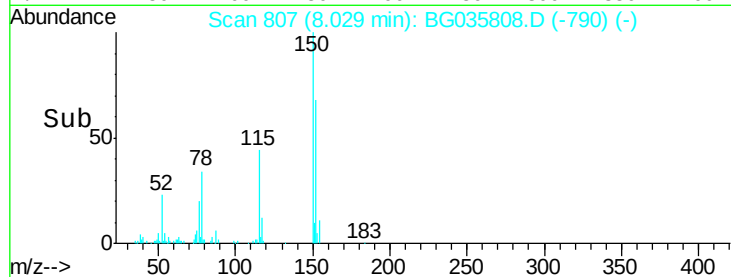
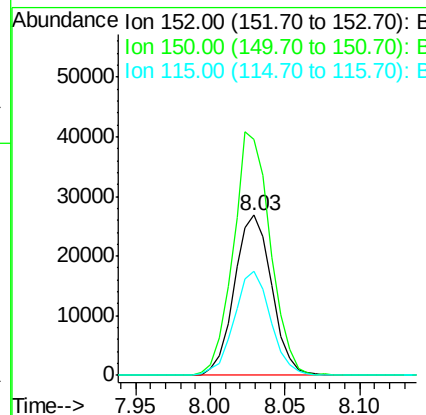
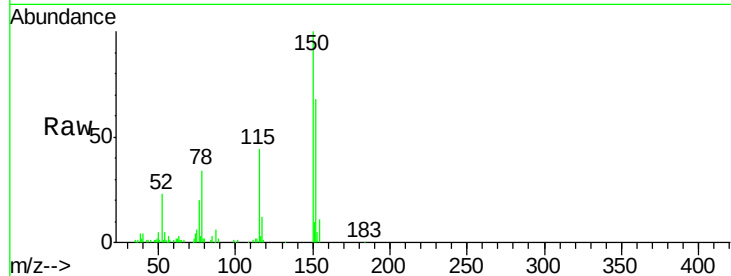


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. 0.00 min
Lab File: BG035808.D
Acq: 21 Jul 2018 7:09

Instrument :
BNA_G
ClientSampleId :
TP-4

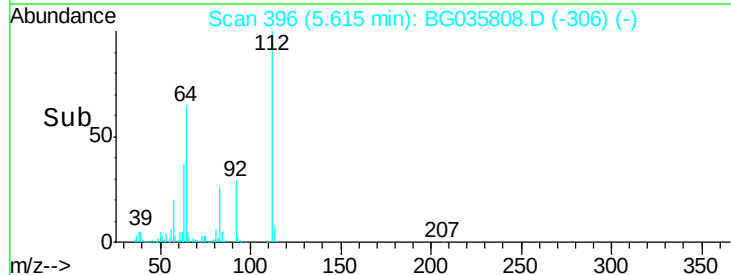
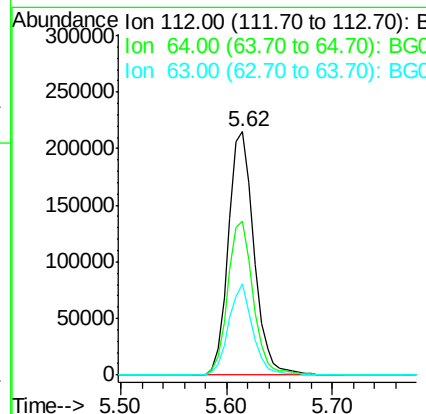
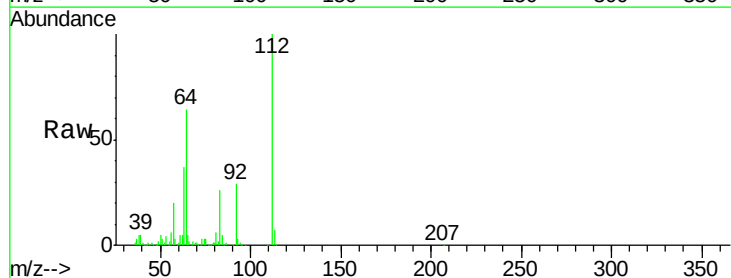
Tgt Ion:152 Resp: 46784
Ion Ratio Lower Upper
152 100
150 147.2 126.6 189.8
115 64.6 53.0 79.4

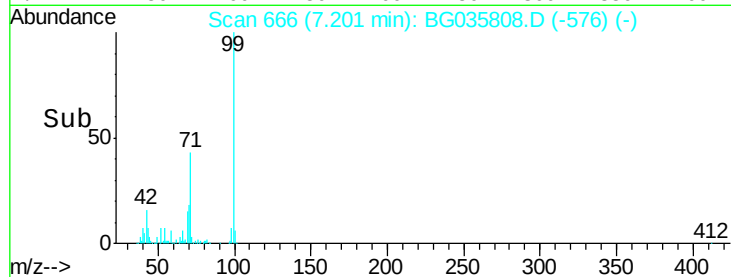
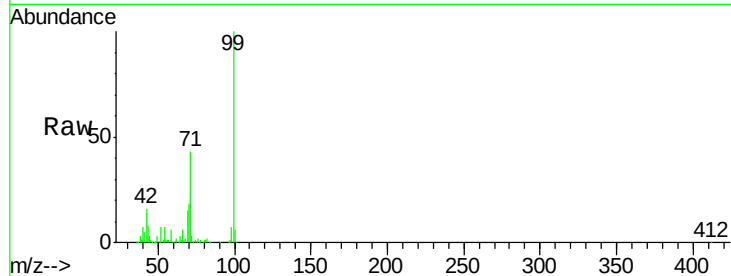
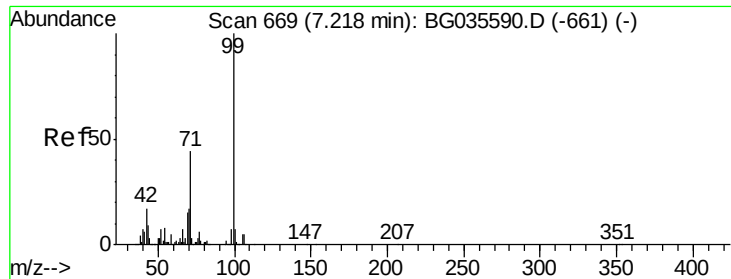


#5

2-Fluorophenol
Concen: 128.470 ng
RT: 5.62 min Scan# 396
Delta R.T. 0.00 min
Lab File: BG035808.D
Acq: 21 Jul 2018 7:09

Tgt Ion:112 Resp: 362018
Ion Ratio Lower Upper
112 100
64 63.5 56.3 84.5
63 37.4 30.1 45.1





#7

Phenol-d6

Concen: 106.934 ng

RT: 7.20 min Scan# 666

Delta R.T. 0.00 min

Lab File: BG035808.D

Acq: 21 Jul 2018 7:09

Instrument :

BNA_G

ClientSampleId :

TP-4

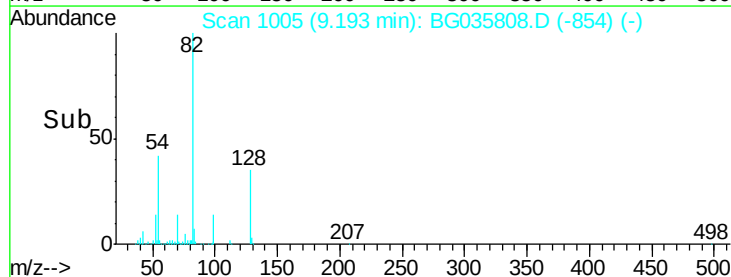
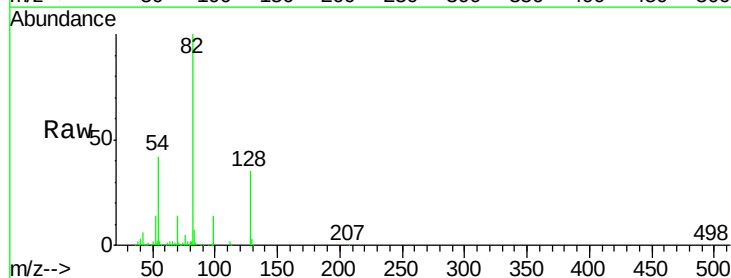
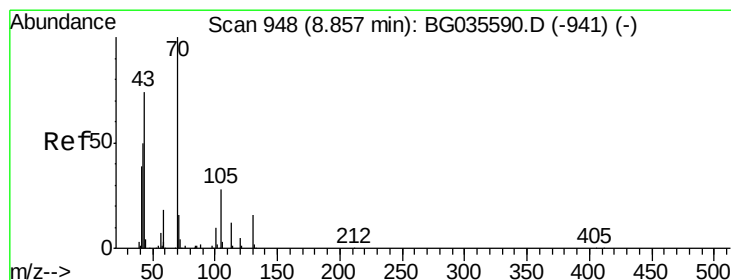
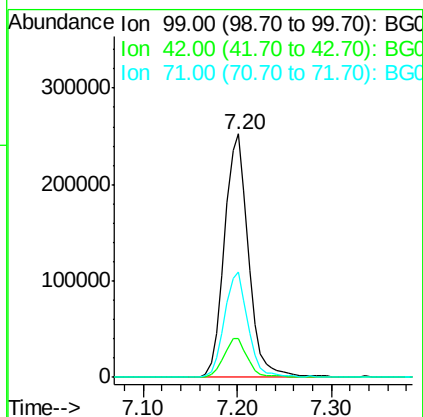
Tgt Ion: 99 Resp: 449582

Ion Ratio Lower Upper

99 100

42 15.9 14.1 21.1

71 43.4 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 13.963 ng

RT: 9.19 min Scan# 1005

Delta R.T. 0.36 min

Lab File: BG035808.D

Acq: 21 Jul 2018 7:09

Tgt Ion: 70 Resp: 49434

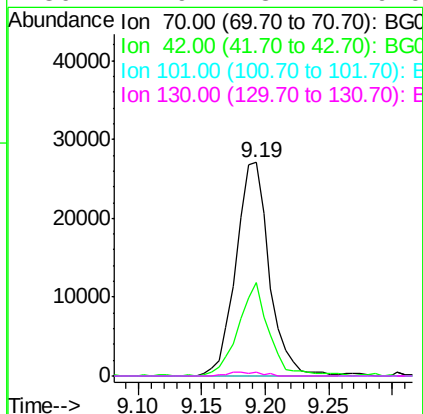
Ion Ratio Lower Upper

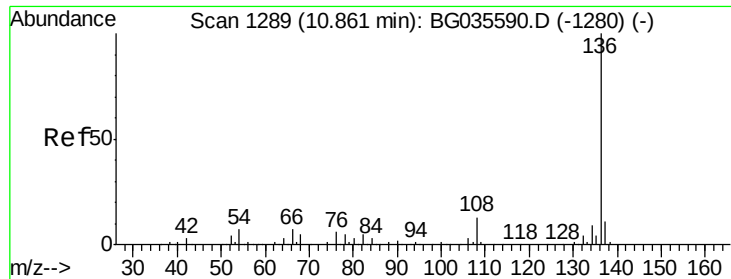
70 100

42 43.9 49.1 73.7#

101 0.0 8.5 12.7#

130 1.9 13.4 20.0#

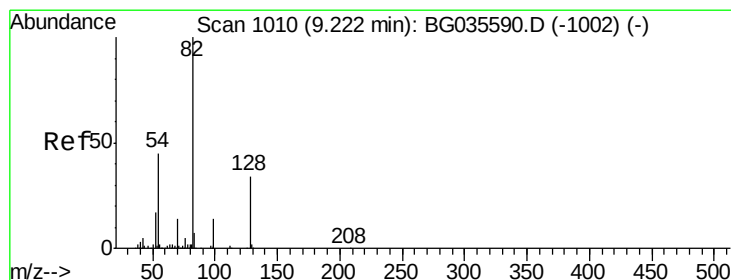
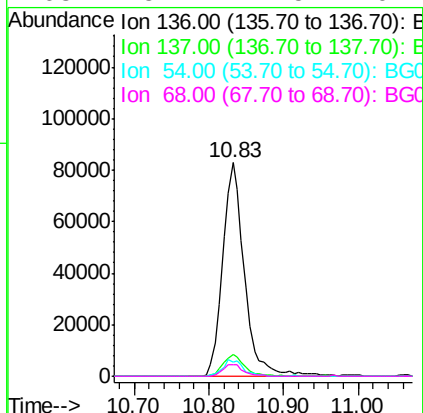
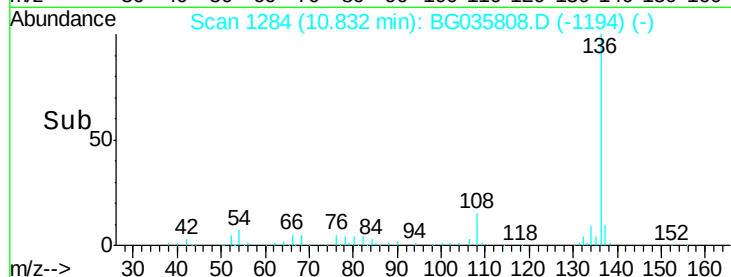
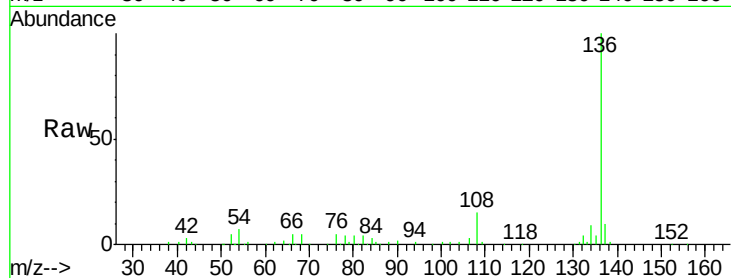




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BG035808.D
Acq: 21 Jul 2018 7:09

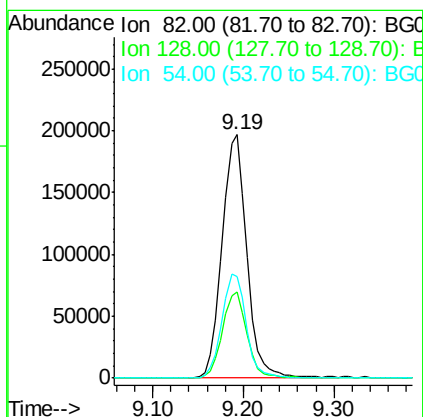
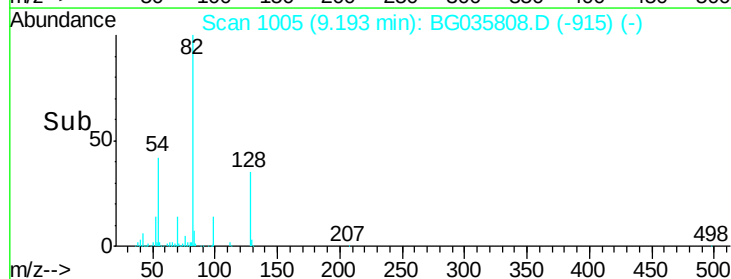
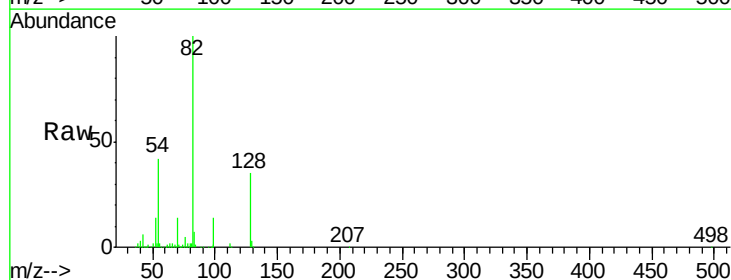
Instrument :
BNA_G
ClientSampleId :
TP-4

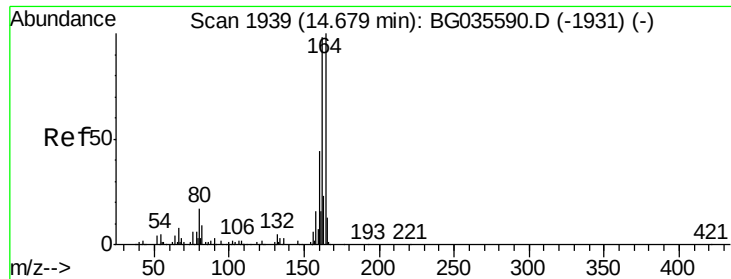
Tgt Ion:	136	Resp:	168359
Ion	Ratio	Lower	Upper
136	100		
137	10.1	9.2	13.8
54	6.8	10.3	15.5#
68	5.4	4.5	6.7



#23
Nitrobenzene-d5
Concen: 92.735 ng
RT: 9.19 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BG035808.D
Acq: 21 Jul 2018 7:09

Tgt Ion:	82	Resp:	373739
Ion	Ratio	Lower	Upper
82	100		
128	35.3	29.7	44.5
54	41.9	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: BG035808.D

Acq: 21 Jul 2018 7:09

Instrument :

BNA_G

ClientSampleId :

TP-4

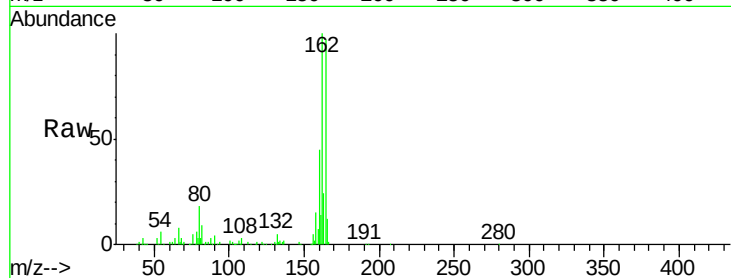
Tgt Ion:164 Resp: 110950

Ion Ratio Lower Upper

164 100

162 103.5 78.8 118.2

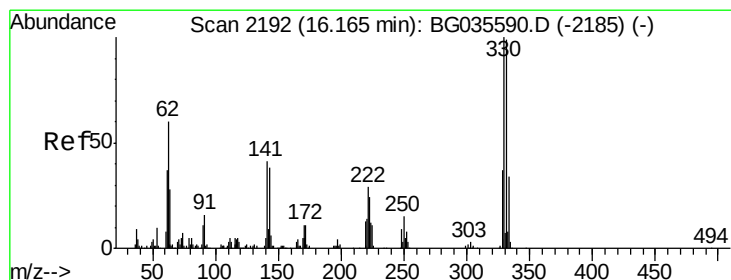
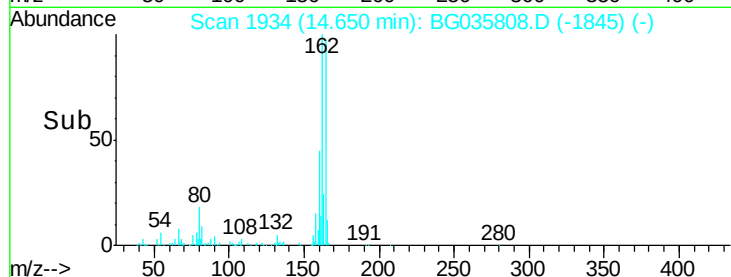
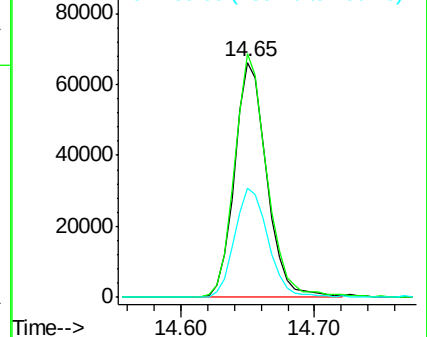
160 46.6 35.4 53.0



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: 159.946 ng

RT: 16.14 min Scan# 2188

Delta R.T. 0.00 min

Lab File: BG035808.D

Acq: 21 Jul 2018 7:09

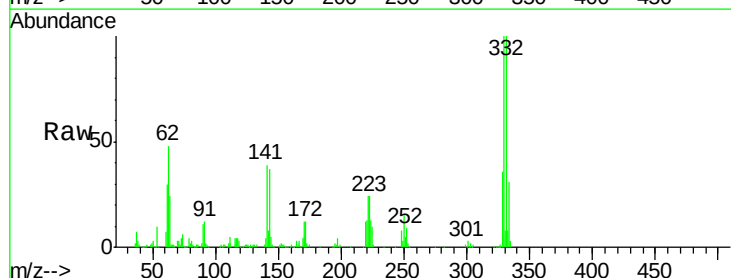
Tgt Ion:330 Resp: 233904

Ion Ratio Lower Upper

330 100

332 97.4 77.0 115.6

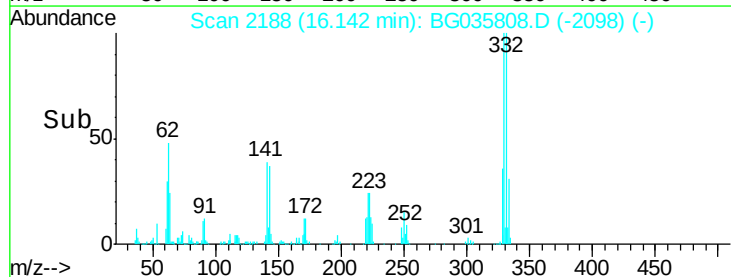
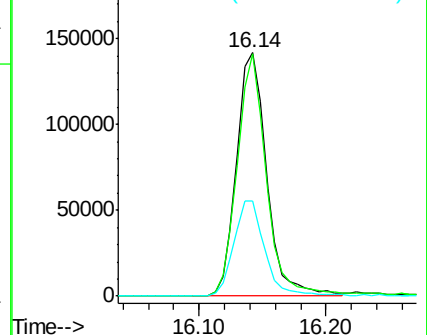
141 40.4 25.2 37.8#

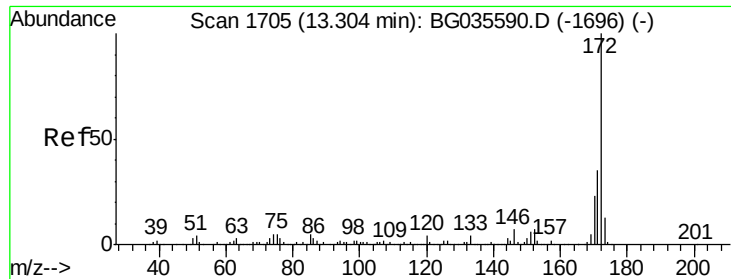


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

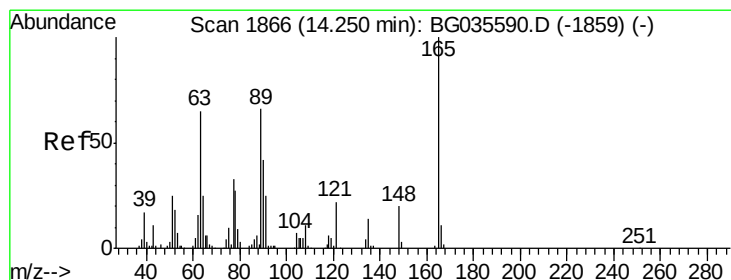
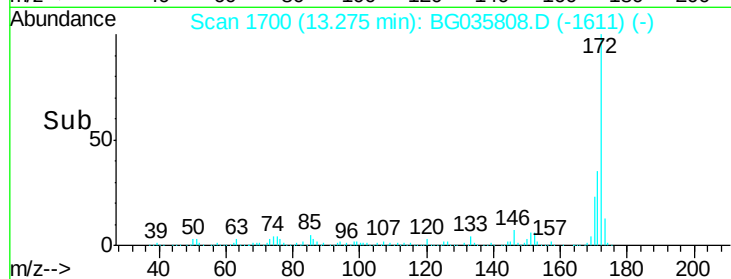
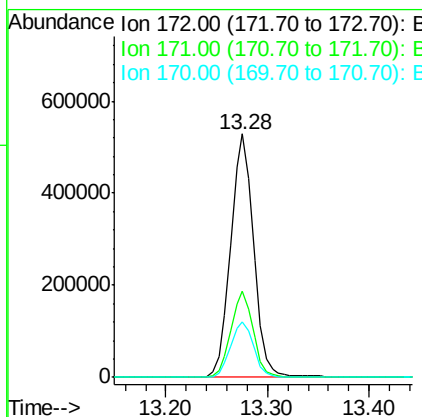
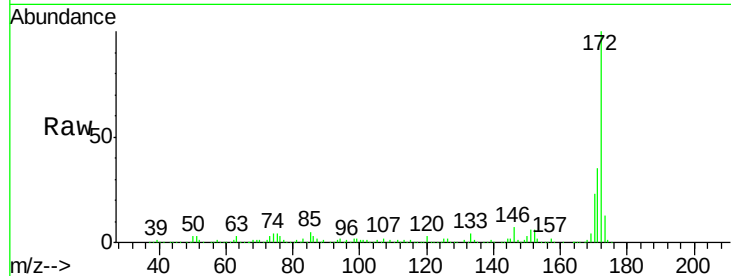




#44
 2-Fluorobiphenyl
 Concen: 100.444 ng
 RT: 13.28 min Scan# 1700
 Delta R.T. -0.00 min
 Lab File: BG035808.D
 Acq: 21 Jul 2018 7:09

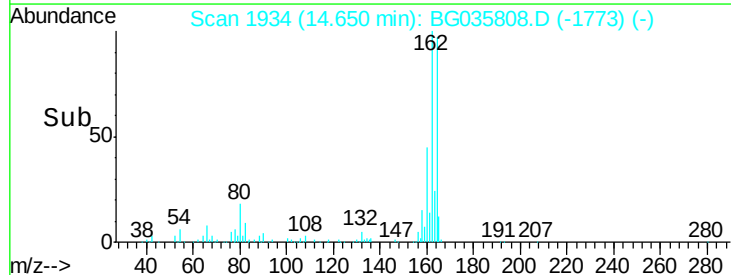
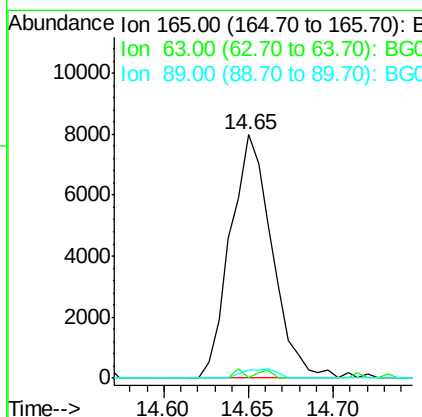
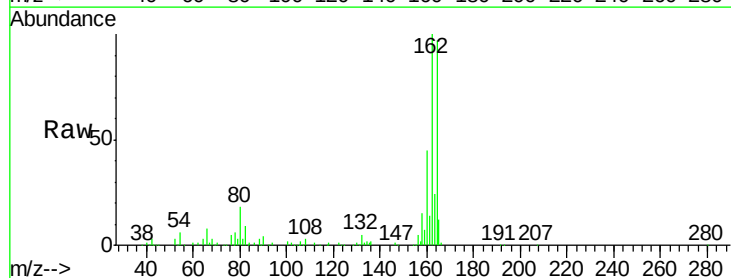
Instrument :
 BNA_G
 ClientSampleId :
 TP-4

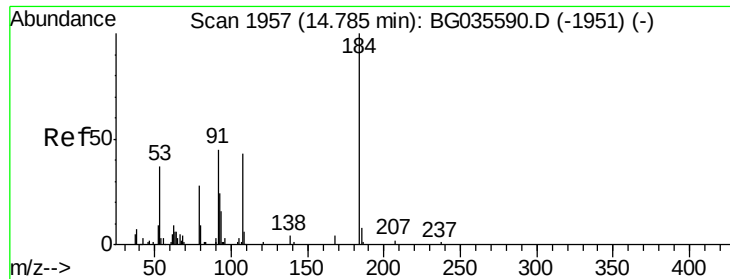
Tgt Ion:172 Resp: 831826
 Ion Ratio Lower Upper
 172 100
 171 35.3 30.0 45.0
 170 22.8 19.5 29.3



#50
 2,6-Dinitrotoluene
 Concen: 6.896 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. 0.42 min
 Lab File: BG035808.D
 Acq: 21 Jul 2018 7:09

Tgt Ion:165 Resp: 13651
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 3.5 49.2 73.8#

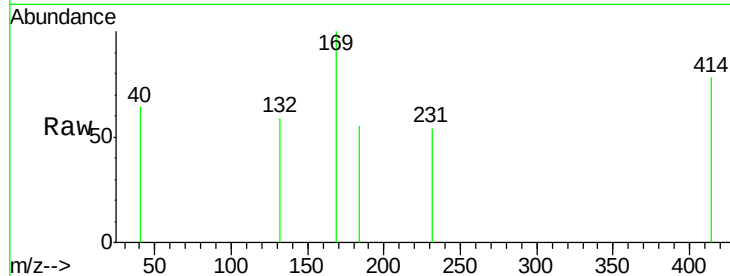




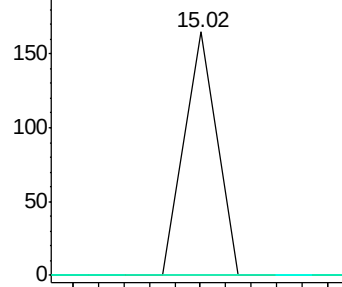
#53
 2,4-Dinitrophenol
 Concen: 6.634 ng
 RT: 15.02 min Scan# 1997
 Delta R.T. 0.25 min
 Lab File: BG035808.D
 Acq: 21 Jul 2018 7:09

Instrument :
 BNA_G
 ClientSampled :
 TP-4

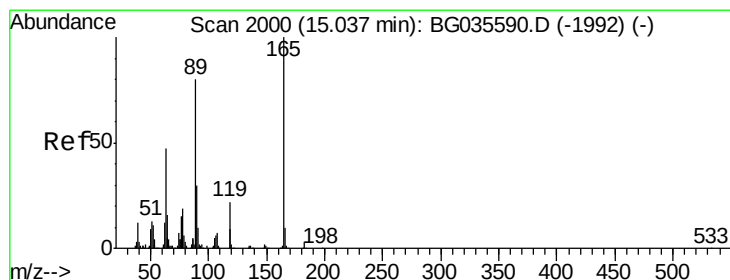
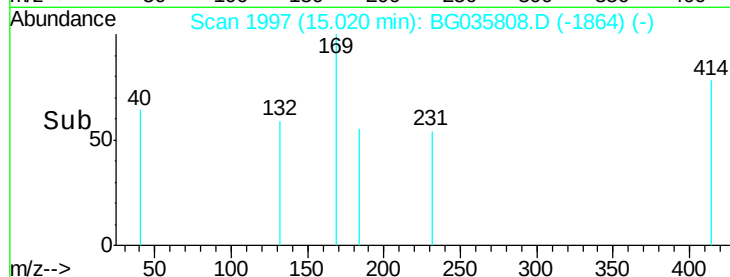
Tgt Ion:184 Resp: 58
 Ion Ratio Lower Upper
 184 100
 63 0.0 59.8 89.8#
 154 0.0 101.8 152.8#



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

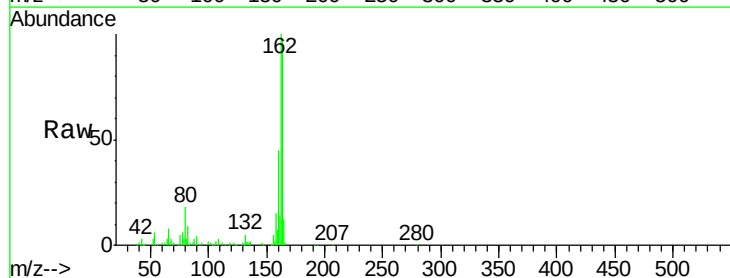


Time-->

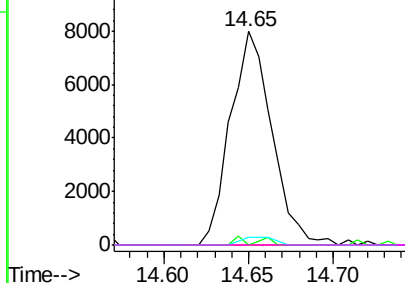


#56
 2,4-Dinitrotoluene
 Concen: 4.807 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. -0.36 min
 Lab File: BG035808.D
 Acq: 21 Jul 2018 7:09

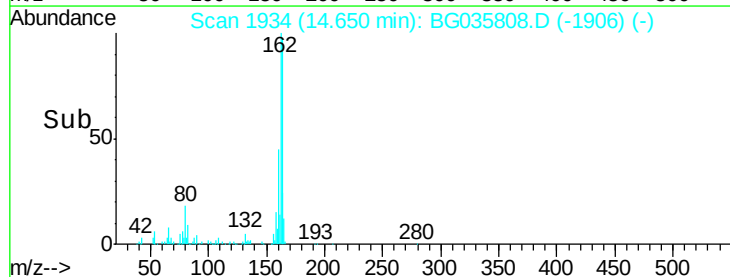
Tgt Ion:165 Resp: 13651
 Ion Ratio Lower Upper
 165 100
 63 0.0 42.0 63.0#
 89 3.5 66.9 100.3#
 182 0.0 2.6 3.8#

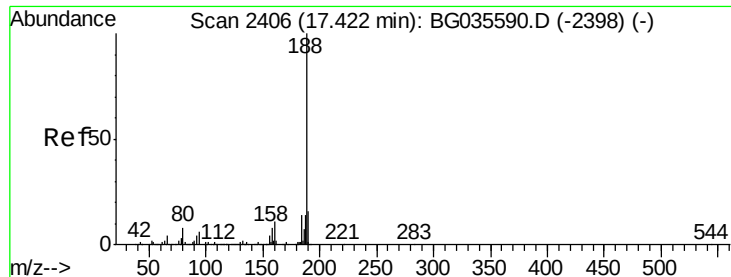


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E



Time-->





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2401

Delta R.T. -0.00 min

Lab File: BG035808.D

Acq: 21 Jul 2018 7:09

Instrument :

BNA_G

ClientSampleId :

TP-4

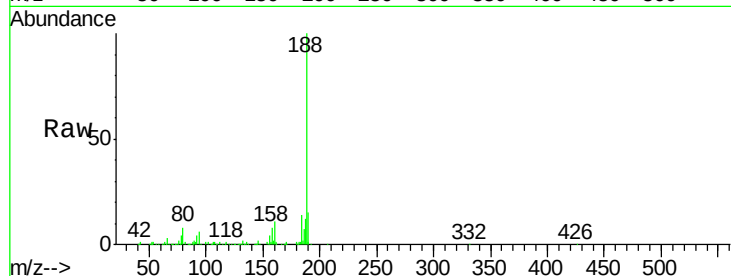
Tgt Ion:188 Resp: 310345

Ion Ratio Lower Upper

188 100

94 6.3 6.9 10.3#

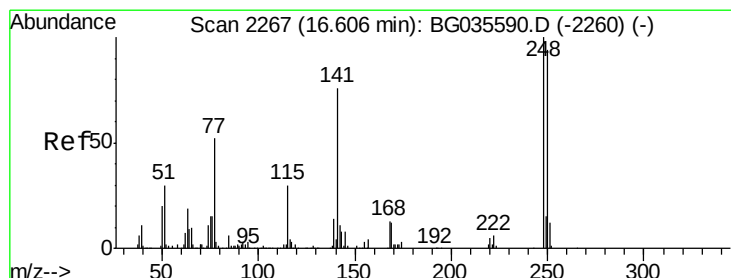
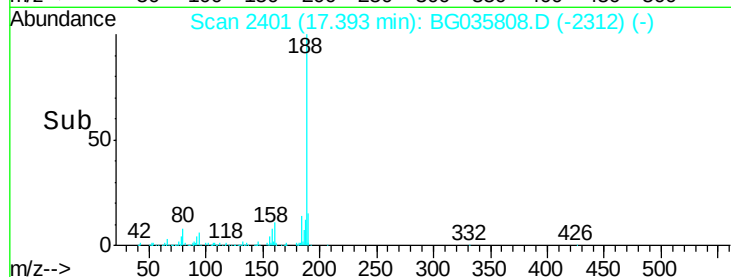
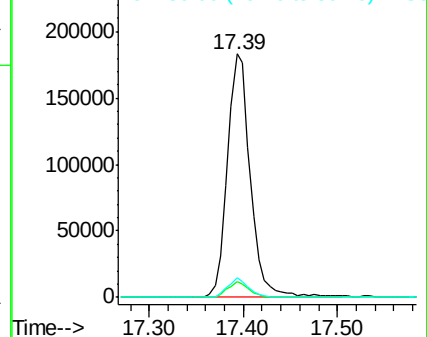
80 7.9 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#66

4-Bromophenyl-phenylether

Concen: 5.399 ng

RT: 16.14 min Scan# 2188

Delta R.T. -0.44 min

Lab File: BG035808.D

Acq: 21 Jul 2018 7:09

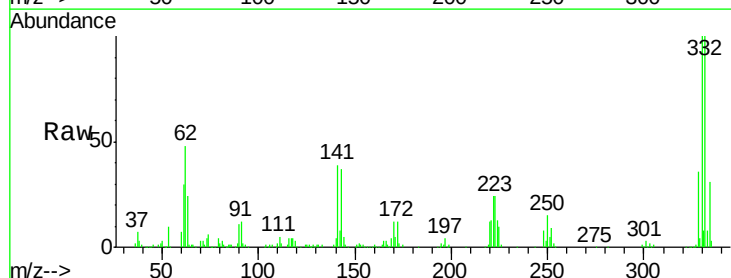
Tgt Ion:248 Resp: 19441

Ion Ratio Lower Upper

248 100

250 182.6 77.1 115.7#

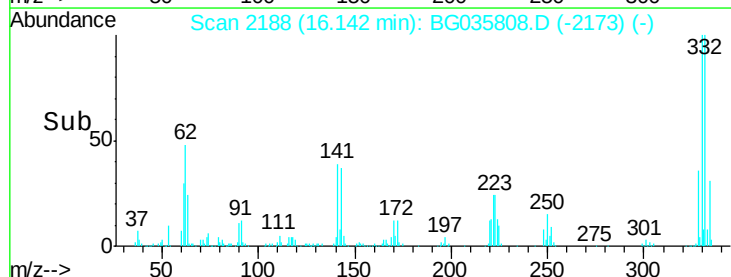
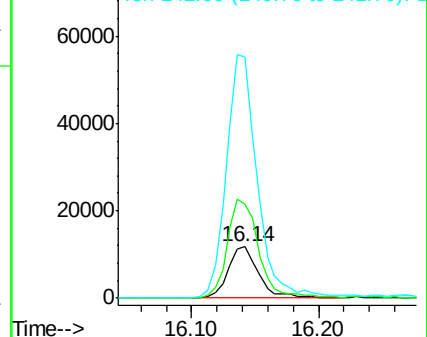
141 467.4 50.8 76.2#

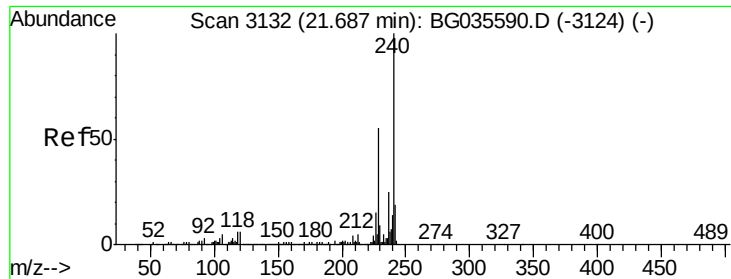


Abundance Ion 248.00 (247.70 to 248.70): E

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: BG035808.D

Acq: 21 Jul 2018 7:09

Instrument :

BNA_G

ClientSampleId :

TP-4

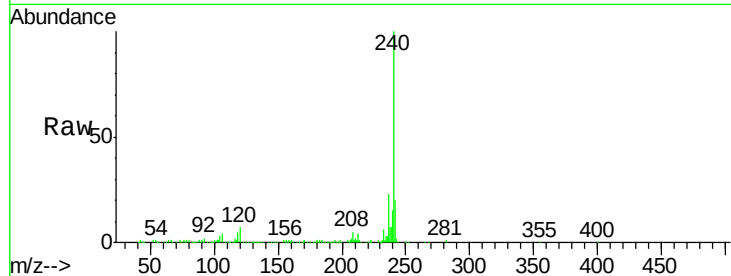
Tgt Ion:240 Resp: 349035

Ion Ratio Lower Upper

240 100

120 6.7 6.8 10.2#

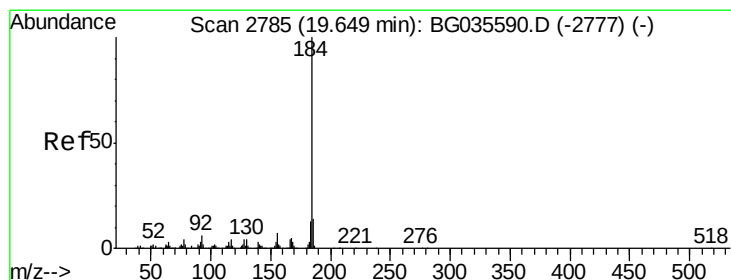
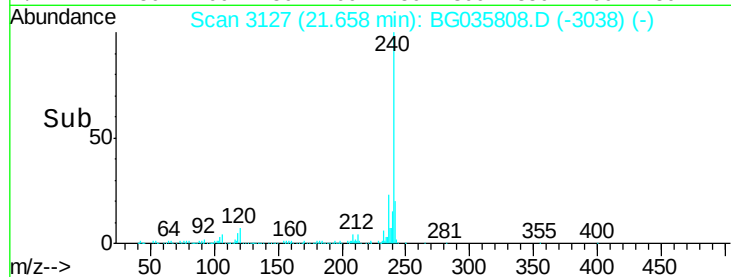
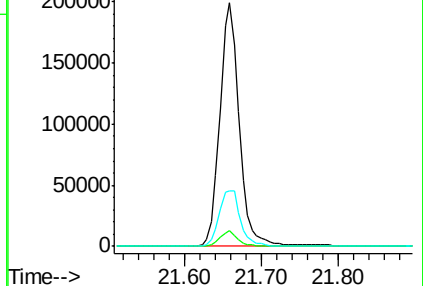
236 23.0 20.9 31.3



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: 3.226 ng

RT: 20.00 min Scan# 2845

Delta R.T. 0.38 min

Lab File: BG035808.D

Acq: 21 Jul 2018 7:09

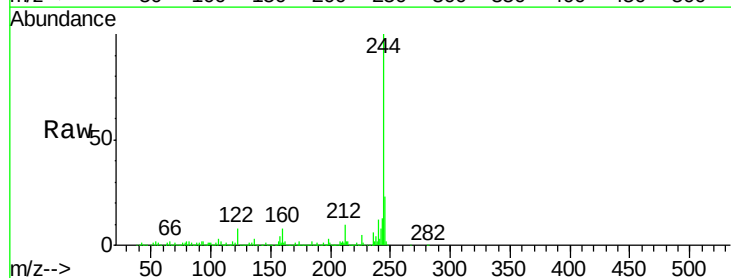
Tgt Ion:184 Resp: 29600

Ion Ratio Lower Upper

184 100

185 17.3 11.1 16.7#

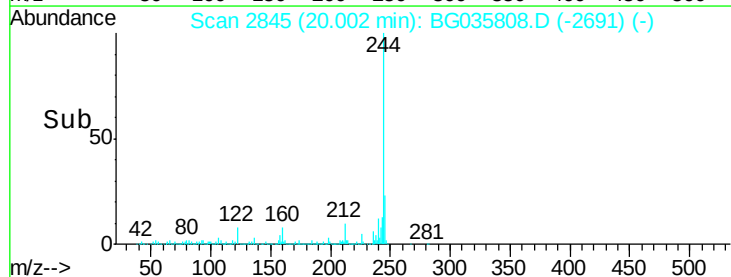
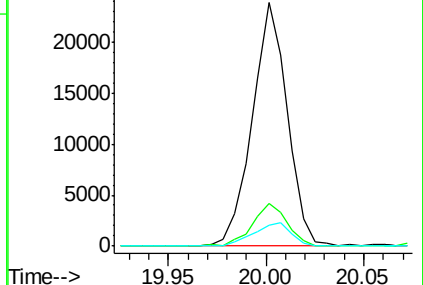
183 8.3 10.6 16.0#

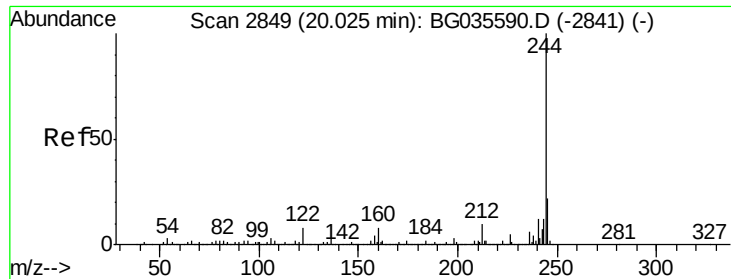


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 105.179 ng

RT: 20.00 min Scan# 2845

Delta R.T. 0.00 min

Lab File: BG035808.D

Acq: 21 Jul 2018 7:09

Instrument :

BNA_G

ClientSampleId :

TP-4

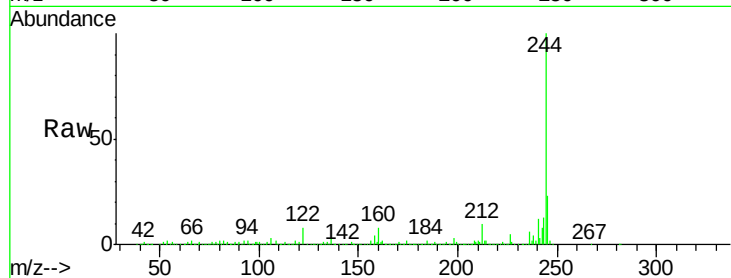
Tgt Ion:244 Resp: 1665440

Ion Ratio Lower Upper

244 100

212 9.6 5.8 8.8#

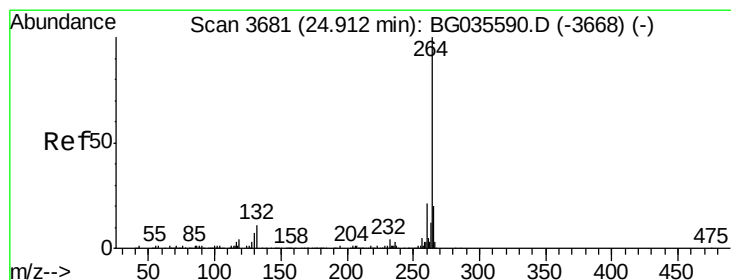
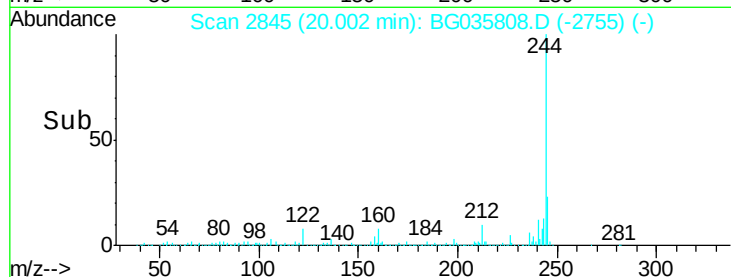
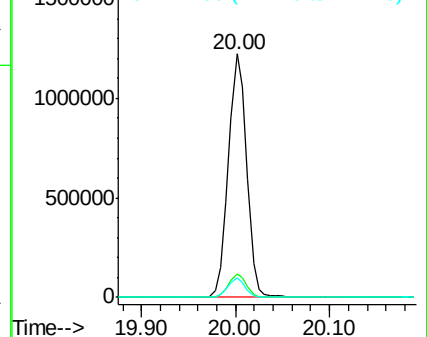
122 7.9 7.0 10.4



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: BG035808.D

Acq: 21 Jul 2018 7:09

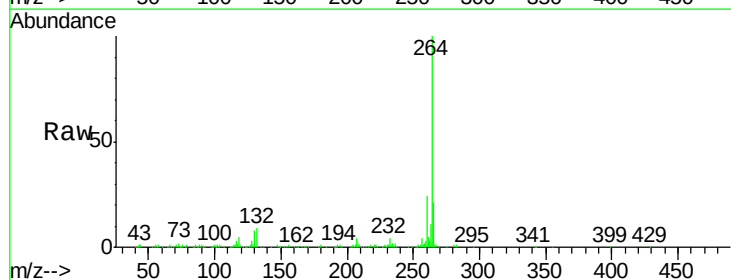
Tgt Ion:264 Resp: 330927

Ion Ratio Lower Upper

264 100

260 23.5 17.4 26.0

265 21.3 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

