

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072018\
 Data File : BG035807.D
 Acq On : 21 Jul 2018 6:30
 Operator : JU/SJ
 Sample : J4062-06
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-3

Quant Time: Jul 23 01:01:15 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

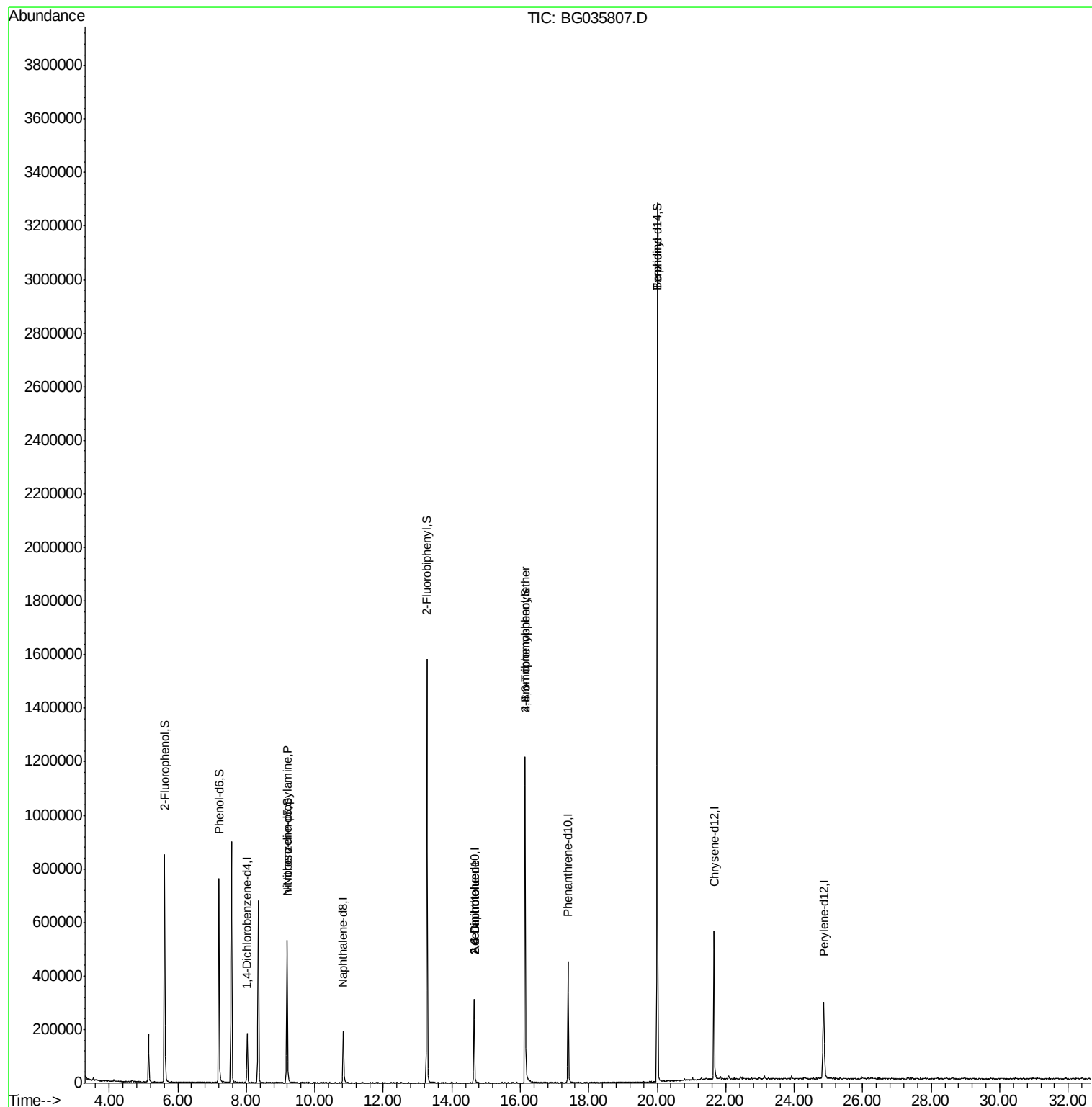
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	49854	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	174217	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	120453	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	322619	20.00	ng	0.00
75) Chrysene-d12	21.66	240	363937	20.00	ng	0.00
86) Perylene-d12	24.86	264	341692	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	371092	123.58	ng	0.00
7) Phenol-d6	7.20	99	474994	106.02	ng	0.00
23) Nitrobenzene-d5	9.19	82	379541	91.01	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	236329	148.85	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	854512	95.04	ng	0.00
78) Terphenyl-d14	20.00	244	1653831	100.17	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.19	70	51285	13.594	ng	# 65
50) 2,6-Dinitrotoluene	14.65	165	15629	7.272	ng	# 20
56) 2,4-Dinitrotoluene	14.65	165	15629	5.069	ng	# 17
66) 4-Bromophenyl-phenylether	16.14	248	19336	5.166	ng	# 1
76) Benzidine	20.00	184	28446	2.973	ng	# 90

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

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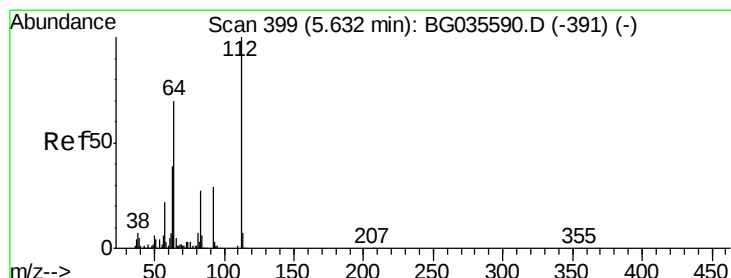
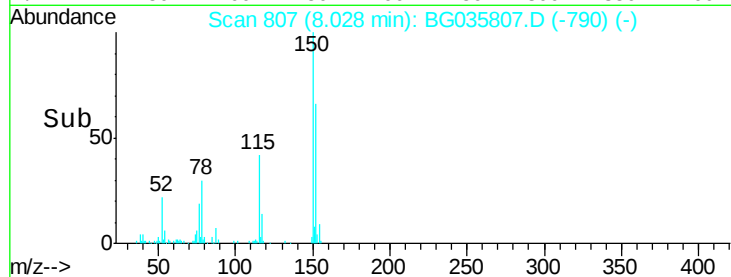
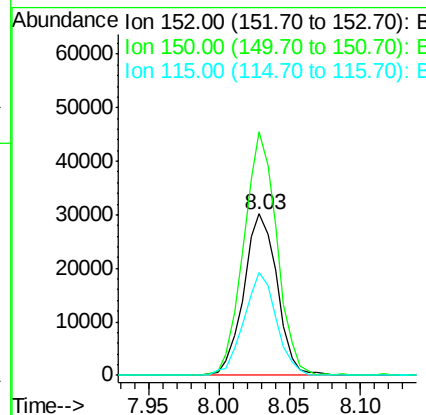
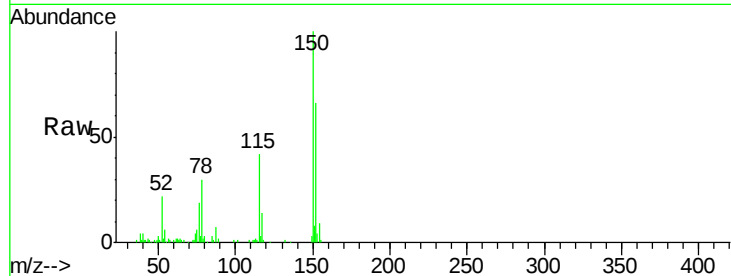


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.03 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BG035807.D
 Acq: 21 Jul 2018 6:30

Instrument :
 BNA_G
 ClientSampled :
 TP-3

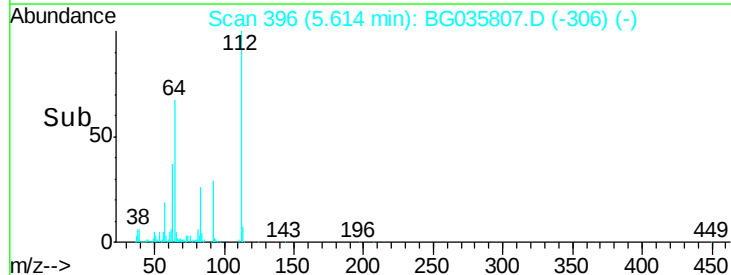
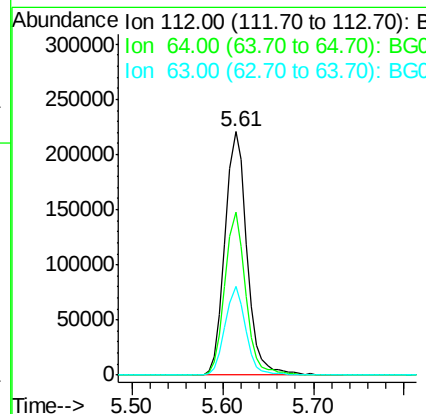
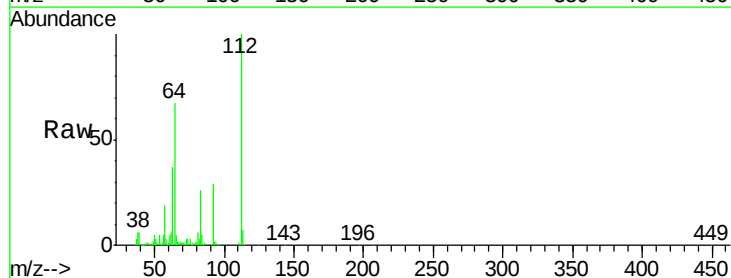
Tgt Ion:152 Resp: 49854
 Ion Ratio Lower Upper
 152 100
 150 151.1 126.6 189.8
 115 63.8 53.0 79.4

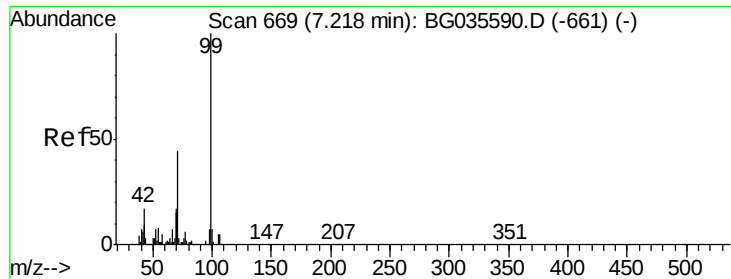


#5

2-Fluorophenol
 Concen: 123.581 ng
 RT: 5.61 min Scan# 396
 Delta R.T. 0.00 min
 Lab File: BG035807.D
 Acq: 21 Jul 2018 6:30

Tgt Ion:112 Resp: 371092
 Ion Ratio Lower Upper
 112 100
 64 67.1 56.3 84.5
 63 36.5 30.1 45.1





#7

Phenol-d6

Concen: 106.021 ng

RT: 7.20 min Scan# 666

Delta R.T. 0.00 min

Lab File: BG035807.D

Acq: 21 Jul 2018 6:30

Instrument :

BNA_G

ClientSampleId :

TP-3

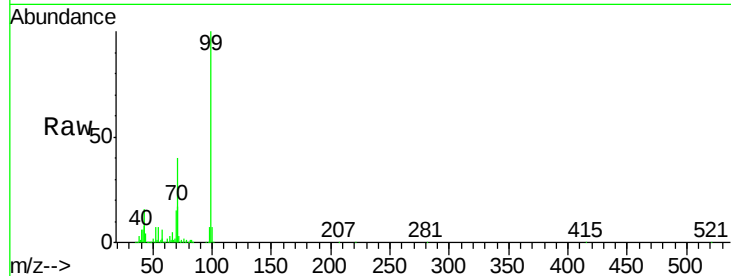
Tgt Ion: 99 Resp: 474994

Ion Ratio Lower Upper

99 100

42 16.2 14.1 21.1

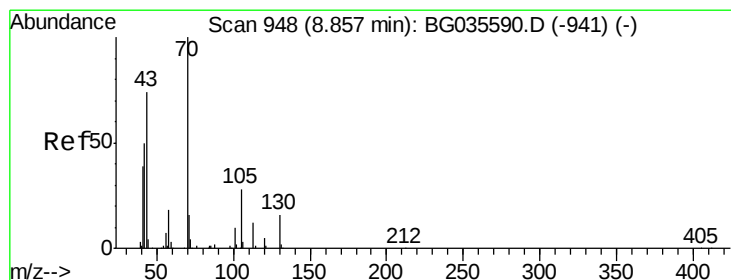
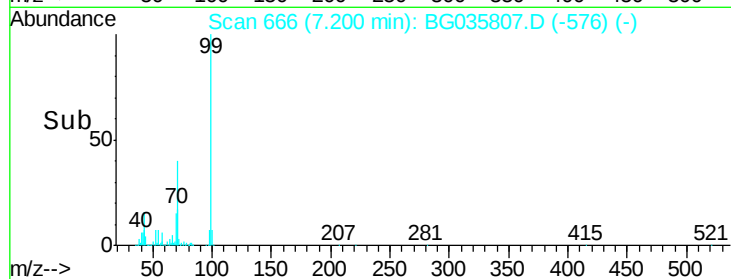
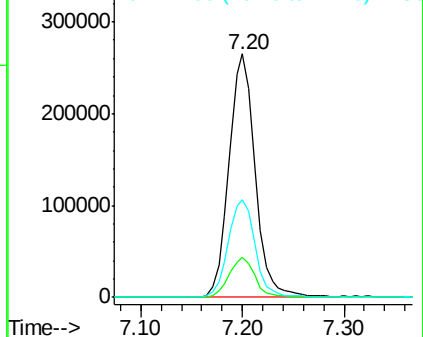
71 40.3 26.1 39.1#



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: 13.594 ng

RT: 9.19 min Scan# 1005

Delta R.T. 0.36 min

Lab File: BG035807.D

Acq: 21 Jul 2018 6:30

Tgt Ion: 70 Resp: 51285

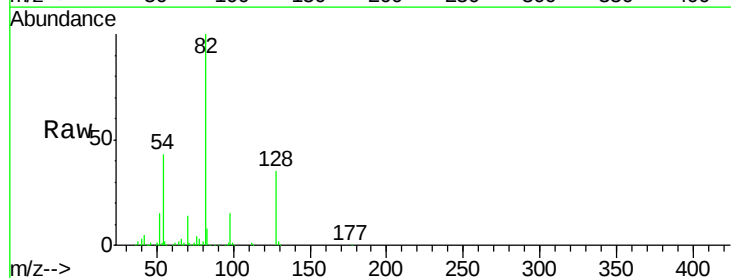
Ion Ratio Lower Upper

70 100

42 34.1 49.1 73.7#

101 0.0 8.5 12.7#

130 1.0 13.4 20.0#

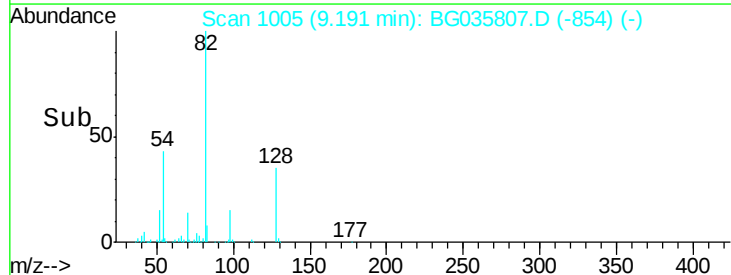
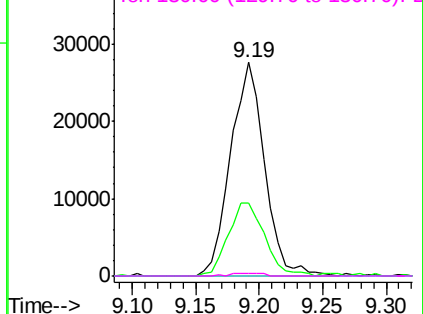


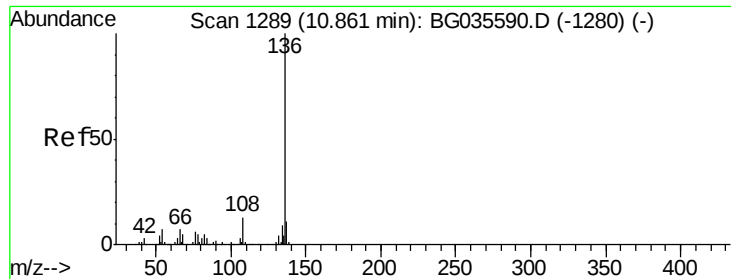
Abundance Ion 70.00 (69.70 to 70.70): BGC

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

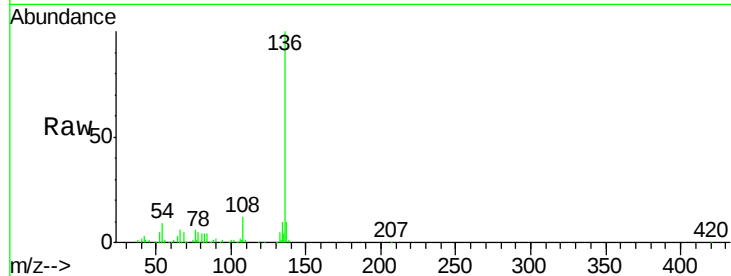




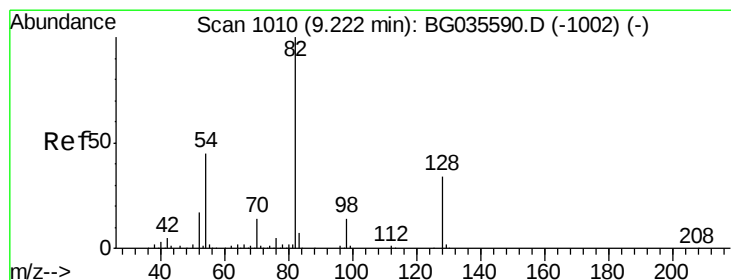
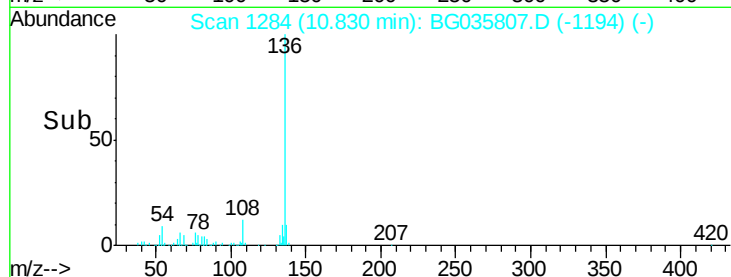
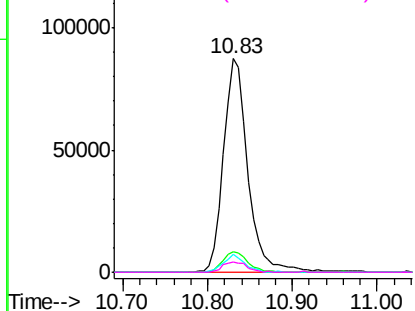
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BG035807.D
Acq: 21 Jul 2018 6:30

Instrument :
BNA_G
ClientSampleId :
TP-3

Tgt Ion:	136	Resp:	174217
Ion	Ratio	Lower	Upper
136	100		
137	9.7	9.2	13.8
54	8.6	10.3	15.5#
68	5.0	4.5	6.7

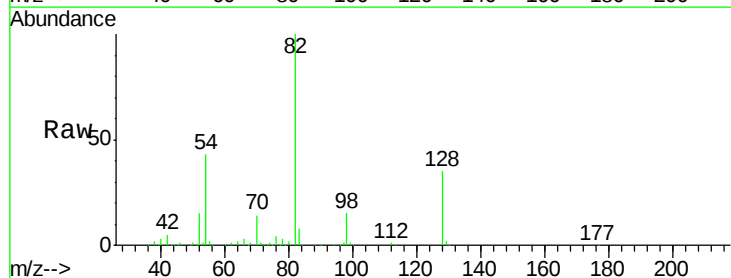


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

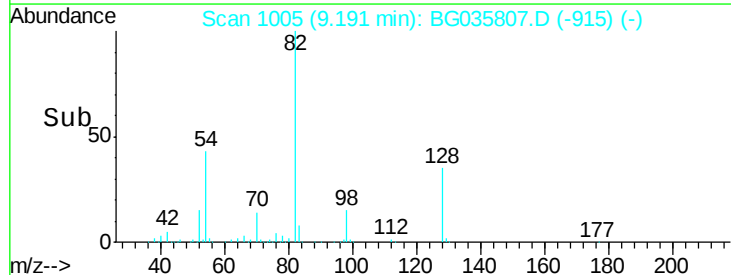
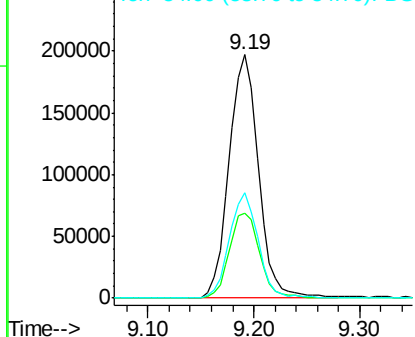


#23
Nitrobenzene-d5
Concen: 91.008 ng
RT: 9.19 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BG035807.D
Acq: 21 Jul 2018 6:30

Tgt Ion:	82	Resp:	379541
Ion	Ratio	Lower	Upper
82	100		
128	35.1	29.7	44.5
54	43.1	43.1	64.7#



Abundance Ion 82.00 (81.70 to 82.70): BG
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BG





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1934

Delta R.T. -0.01 min

Lab File: BG035807.D

Acq: 21 Jul 2018 6:30

Instrument :

BNA_G

ClientSampleId :

TP-3

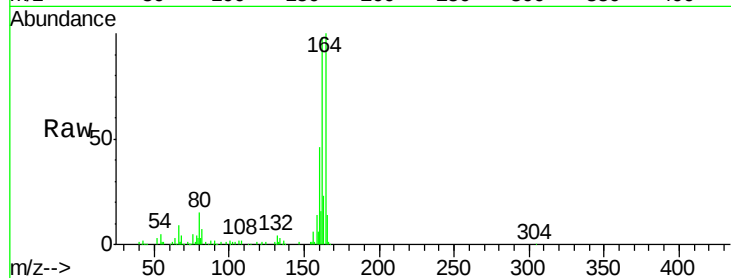
Tgt Ion:164 Resp: 120453

Ion Ratio Lower Upper

164 100

162 97.8 78.8 118.2

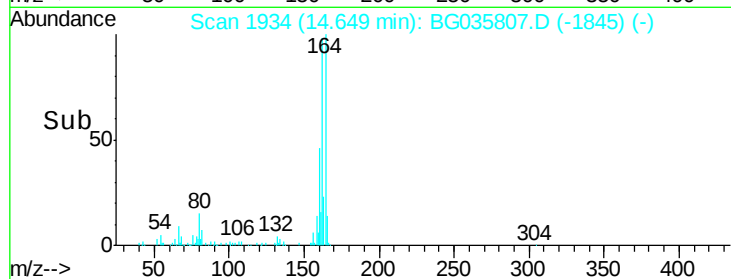
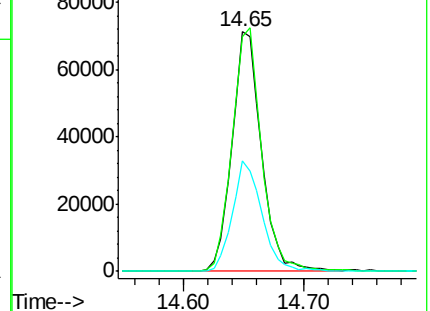
160 46.0 35.4 53.0



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: 148.855 ng

RT: 16.14 min Scan# 2188

Delta R.T. 0.00 min

Lab File: BG035807.D

Acq: 21 Jul 2018 6:30

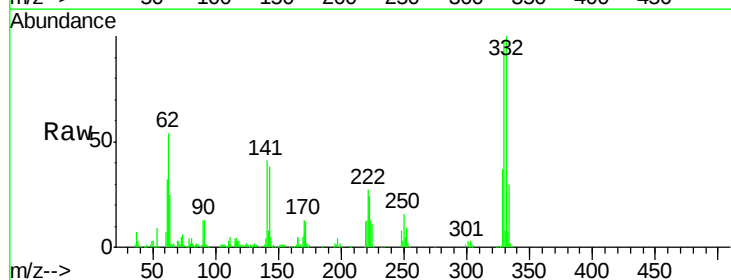
Tgt Ion:330 Resp: 236329

Ion Ratio Lower Upper

330 100

332 98.8 77.0 115.6

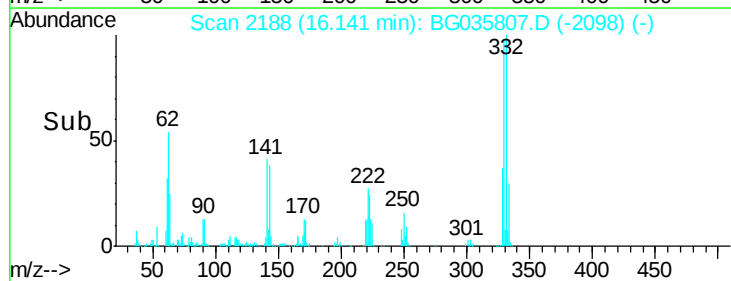
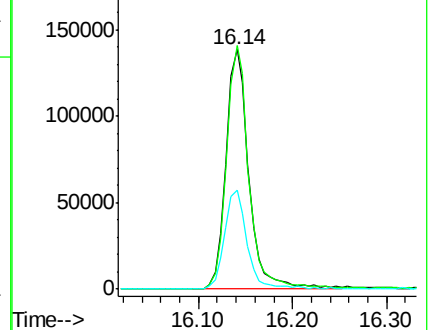
141 40.7 25.2 37.8#

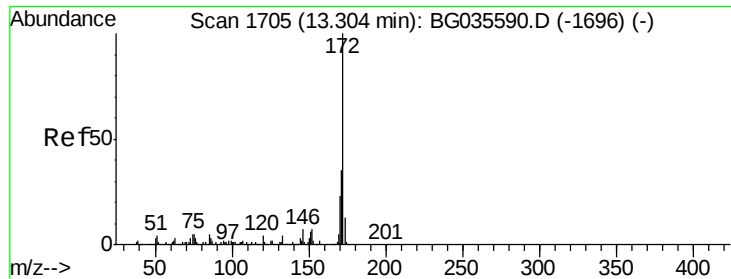


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

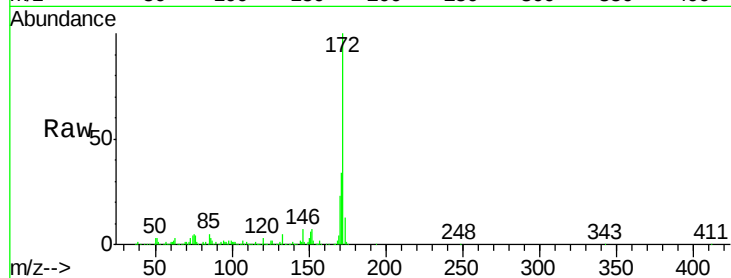




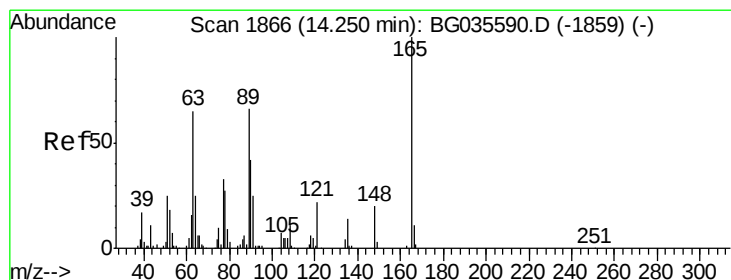
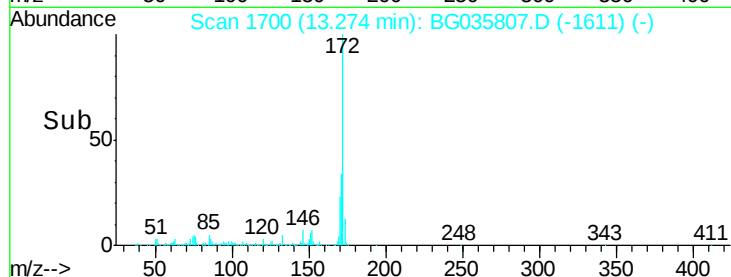
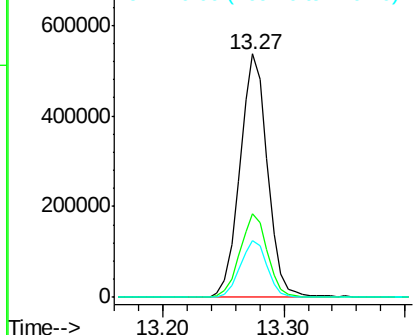
#44
2-Fluorobiphenyl
Concen: 95.043 ng
RT: 13.27 min Scan# 1700
Delta R.T. -0.01 min
Lab File: BG035807.D
Acq: 21 Jul 2018 6:30

Instrument :
BNA_G
ClientSampleId :
TP-3

Tgt Ion:172 Resp: 854512
Ion Ratio Lower Upper
172 100
171 34.5 30.0 45.0
170 23.3 19.5 29.3

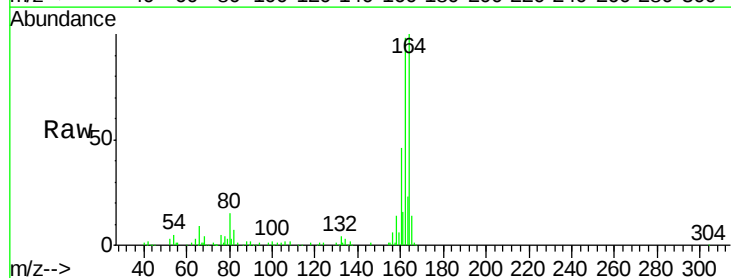


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

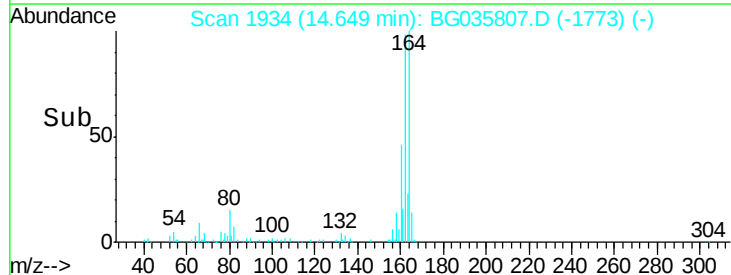
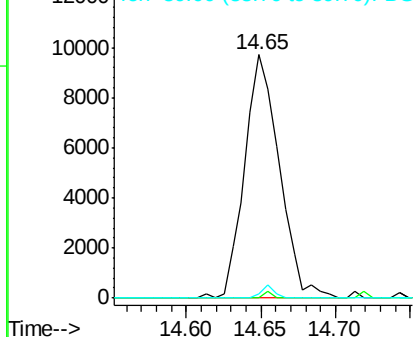


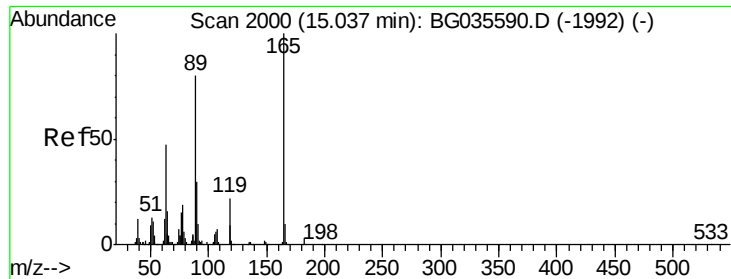
#50
2,6-Dinitrotoluene
Concen: 7.272 ng
RT: 14.65 min Scan# 1934
Delta R.T. 0.42 min
Lab File: BG035807.D
Acq: 21 Jul 2018 6:30

Tgt Ion:165 Resp: 15629
Ion Ratio Lower Upper
165 100
63 0.0 52.7 79.1#
89 1.9 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

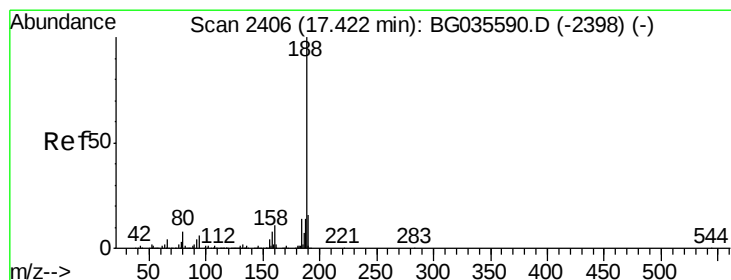
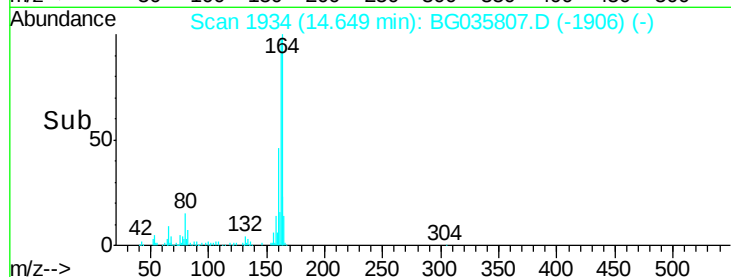
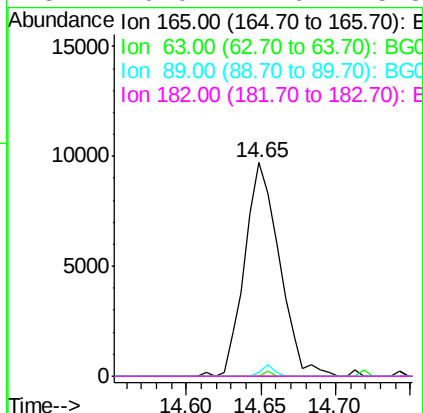
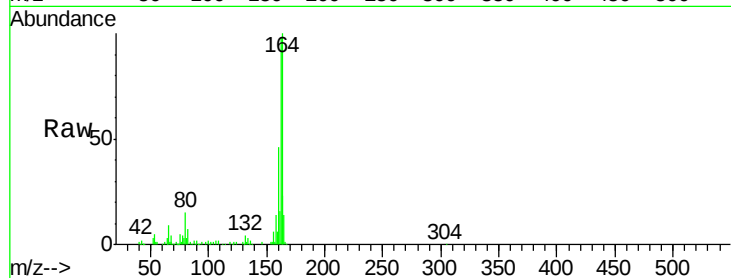




#56
 2,4-Dinitrotoluene
 Concen: 5.069 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. -0.36 min
 Lab File: BG035807.D
 Acq: 21 Jul 2018 6:30

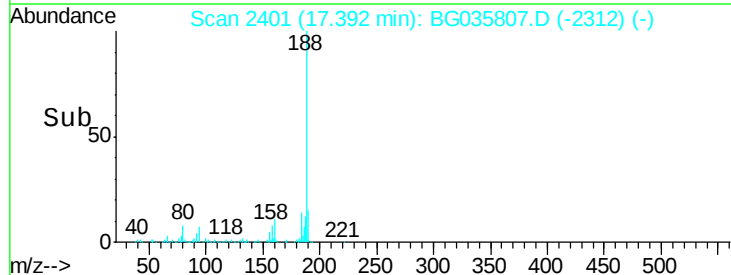
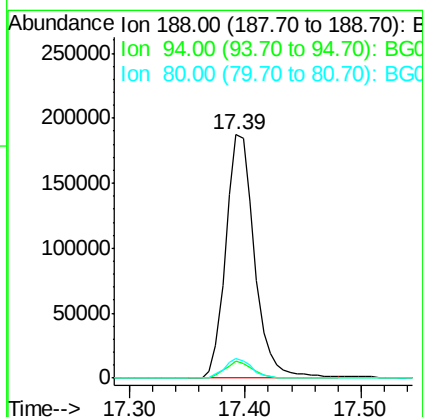
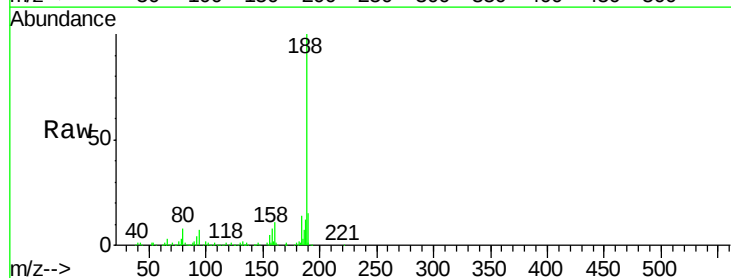
Instrument :
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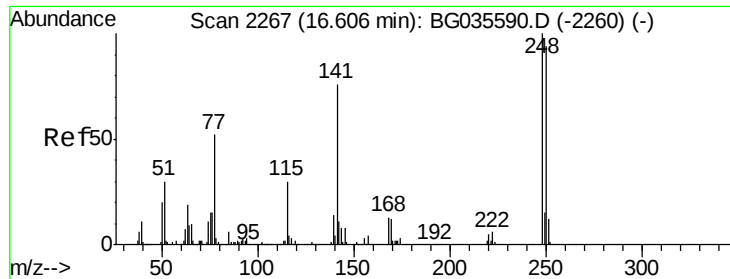
Tgt Ion:165 Resp: 15629
 Ion Ratio Lower Upper
 165 100
 63 0.0 42.0 63.0#
 89 1.9 66.9 100.3#
 182 0.0 2.6 3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.39 min Scan# 2401
 Delta R.T. -0.01 min
 Lab File: BG035807.D
 Acq: 21 Jul 2018 6:30

Tgt Ion:188 Resp: 322619
 Ion Ratio Lower Upper
 188 100
 94 7.3 6.9 10.3
 80 8.1 7.7 11.5

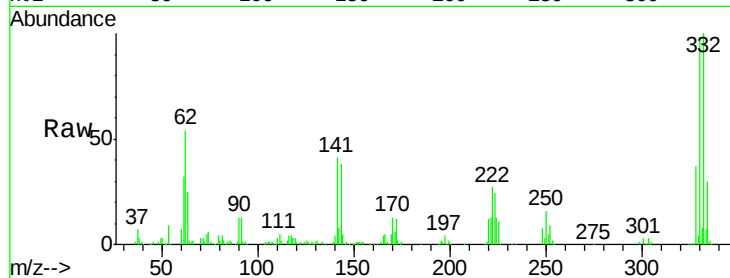




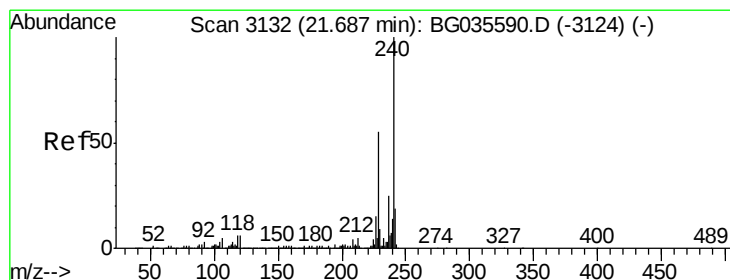
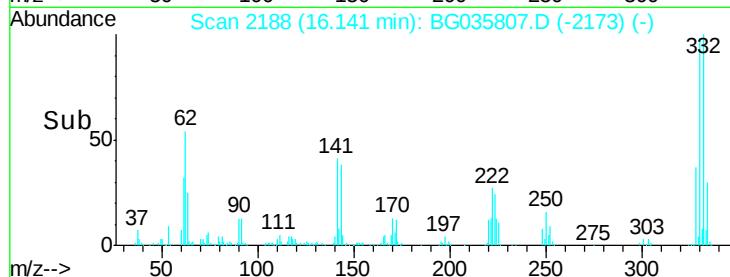
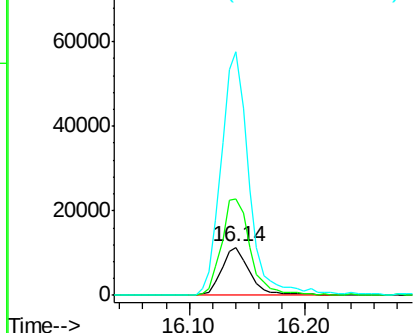
#66
 4-Bromophenyl-phenylether
 Concen: 5.166 ng
 RT: 16.14 min Scan# 2188
 Delta R.T. -0.44 min
 Lab File: BG035807.D
 Acq: 21 Jul 2018 6:30

Instrument :
 BNA_G
 ClientSampleId :
 TP-3

Tgt Ion:248 Resp: 19336
 Ion Ratio Lower Upper
 248 100
 250 199.4 77.1 115.7#
 141 503.1 50.8 76.2#

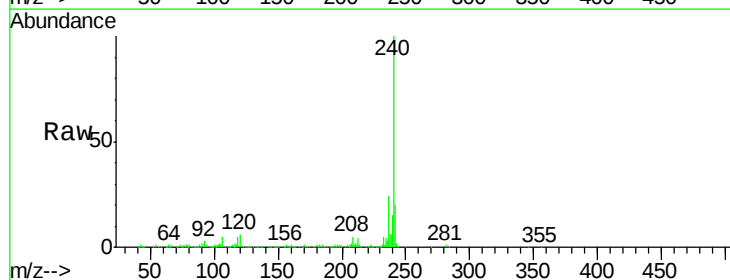


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

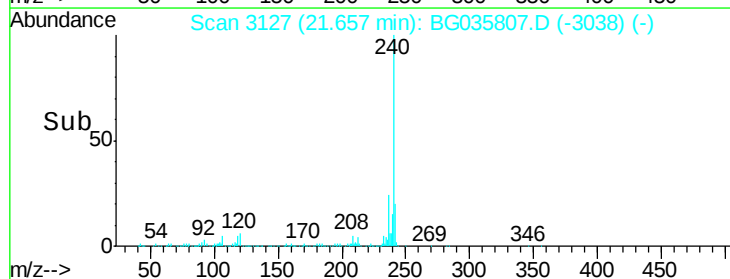
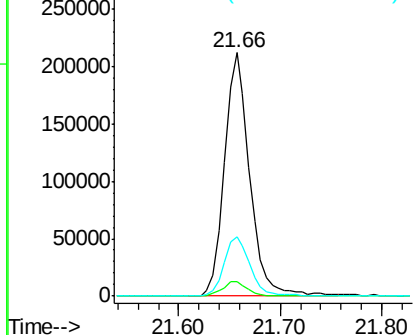


#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.66 min Scan# 3127
 Delta R.T. -0.01 min
 Lab File: BG035807.D
 Acq: 21 Jul 2018 6:30

Tgt Ion:240 Resp: 363937
 Ion Ratio Lower Upper
 240 100
 120 6.0 6.8 10.2#
 236 24.3 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: 2.973 ng

RT: 20.00 min Scan# 2845

Delta R.T. 0.38 min

Lab File: BG035807.D

Acq: 21 Jul 2018 6:30

Instrument :

BNA_G

ClientSampleId :

TP-3

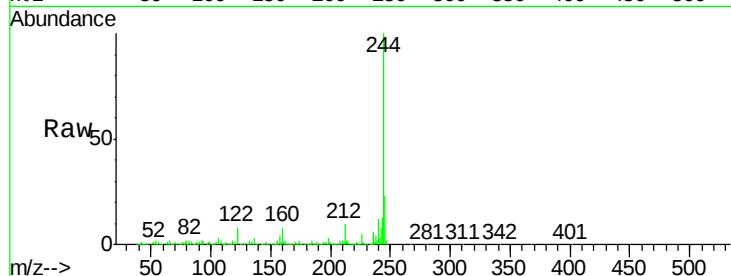
Tgt Ion:184 Resp: 28446

Ion Ratio Lower Upper

184 100

185 17.6 11.1 16.7#

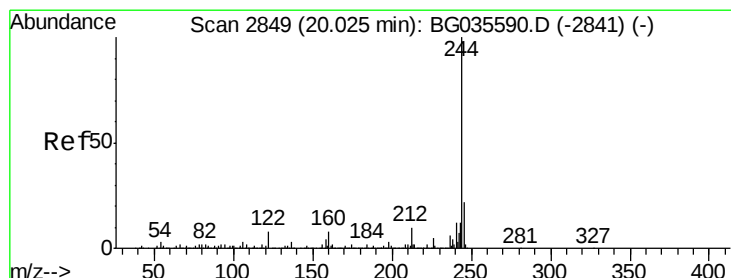
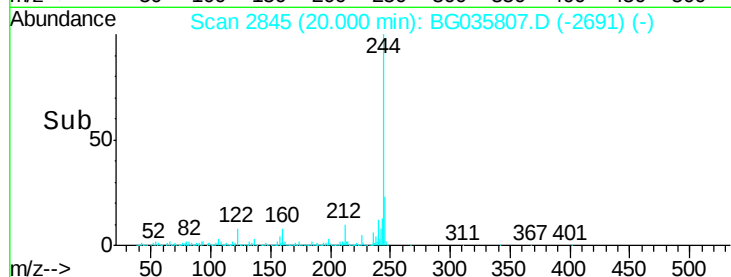
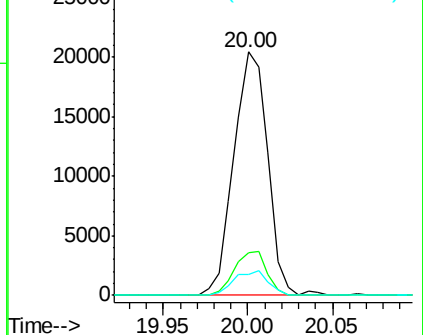
183 8.8 10.6 16.0#



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: 100.170 ng

RT: 20.00 min Scan# 2845

Delta R.T. 0.00 min

Lab File: BG035807.D

Acq: 21 Jul 2018 6:30

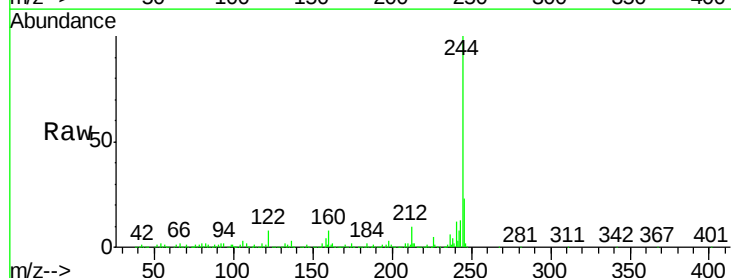
Tgt Ion:244 Resp: 1653831

Ion Ratio Lower Upper

244 100

212 9.5 5.8 8.8#

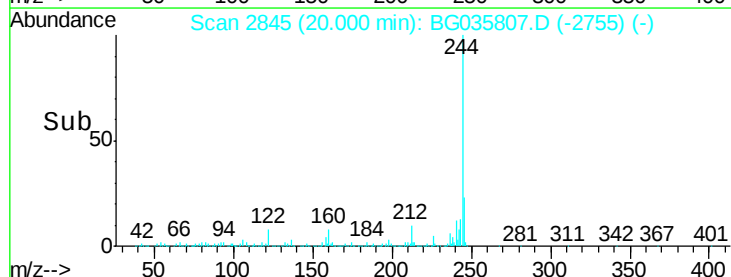
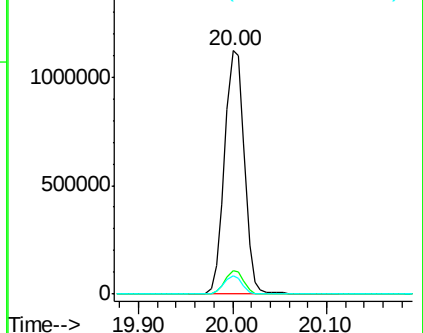
122 7.7 7.0 10.4

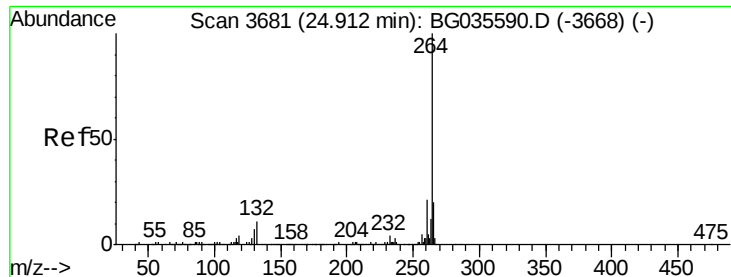


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



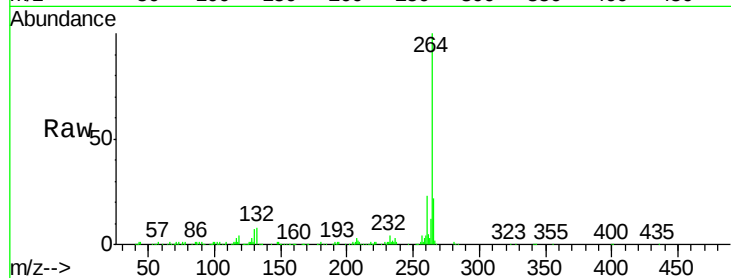


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.86 min Scan# 3672
Delta R.T. 0.00 min
Lab File: BG035807.D
Acq: 21 Jul 2018 6:30

Instrument :
BNA_G
ClientSampleId :
TP-3

Tgt Ion: 264 Resp: 341692

Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.4	26.0
265	21.6	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

