

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072018\
 Data File : BG035812.D
 Acq On : 21 Jul 2018 9:44
 Operator : JU/SJ
 Sample : J4062-36
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-11

Quant Time: Jul 23 01:02:11 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

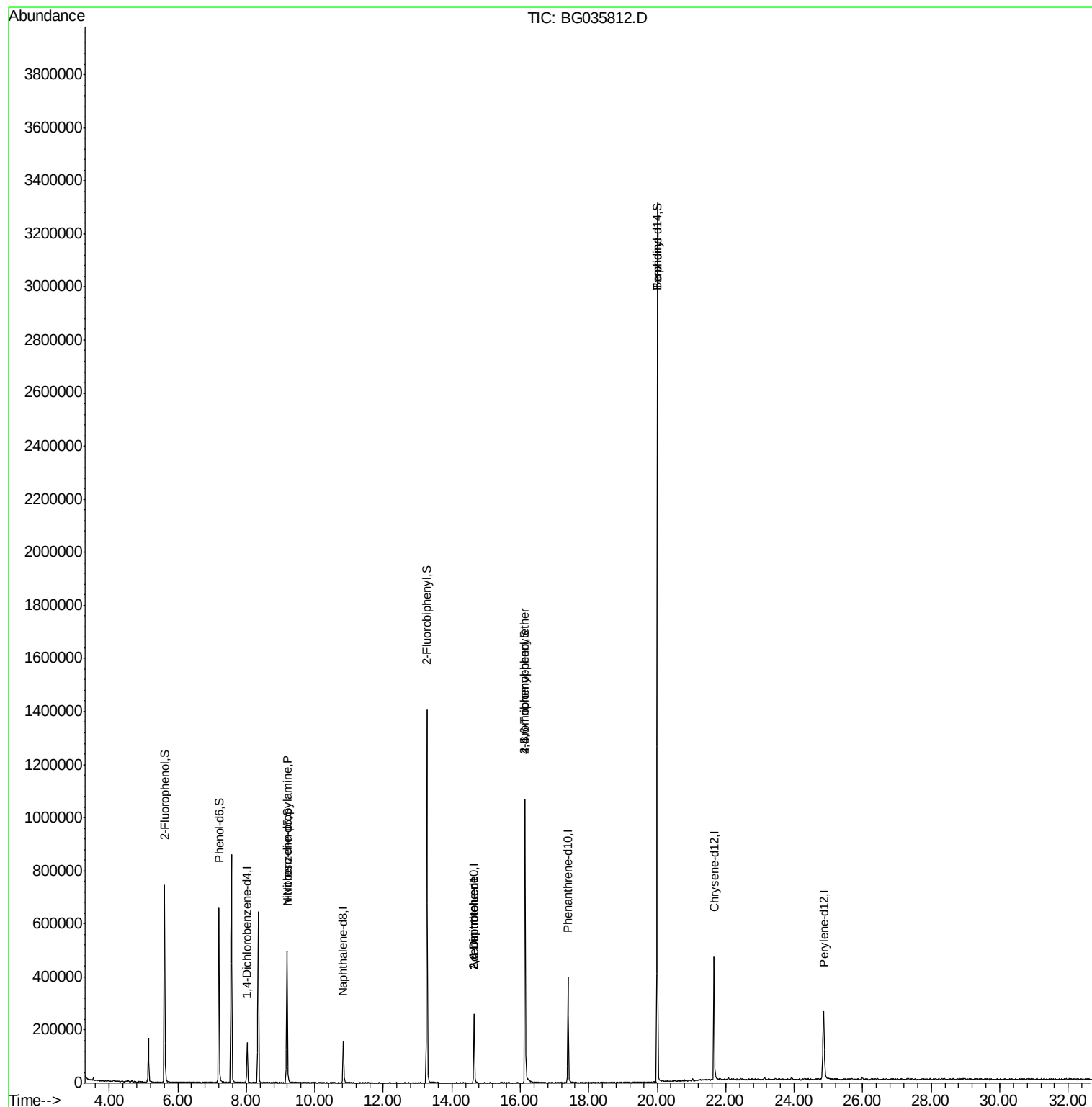
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	43996	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	149073	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	102696	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	282550	20.00	ng	0.00
75) Chrysene-d12	21.66	240	330483	20.00	ng	0.00
86) Perylene-d12	24.86	264	310253	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	340077	128.33	ng	0.00
7) Phenol-d6	7.20	99	422915	106.97	ng	0.00
23) Nitrobenzene-d5	9.19	82	355278	99.56	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	218532	161.45	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	796515	103.91	ng	0.00
78) Terphenyl-d14	20.00	244	1568572	104.62	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.19	70	47580	14.291	ng	# 64
50) 2,6-Dinitrotoluene	14.66	165	13294	7.255	ng	# 18
56) 2,4-Dinitrotoluene	14.66	165	13294	5.057	ng	# 16
66) 4-Bromophenyl-phenylether	16.14	248	16592	5.062	ng	# 1
76) Benzidine	20.00	184	28205	3.246	ng	# 90

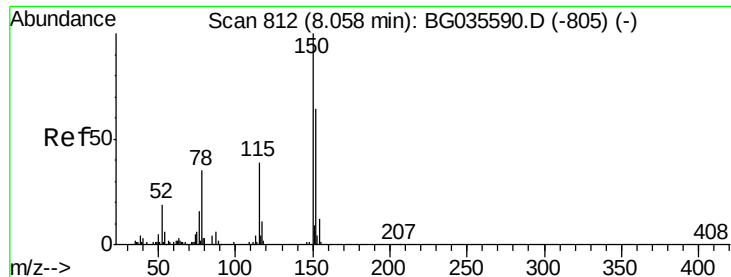
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072018\
Data File : BG035812.D
Acq On : 21 Jul 2018 9:44
Operator : JU/SJ
Sample : J4062-36
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-11

Quant Time: Jul 23 01:02:11 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



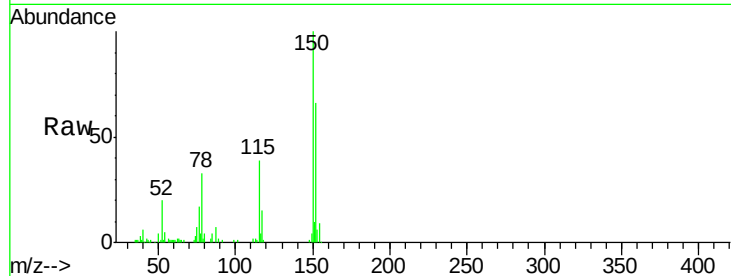


#1

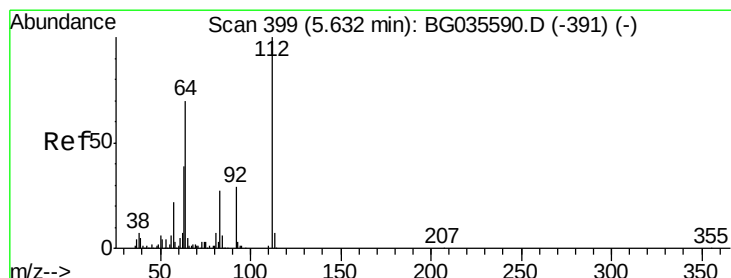
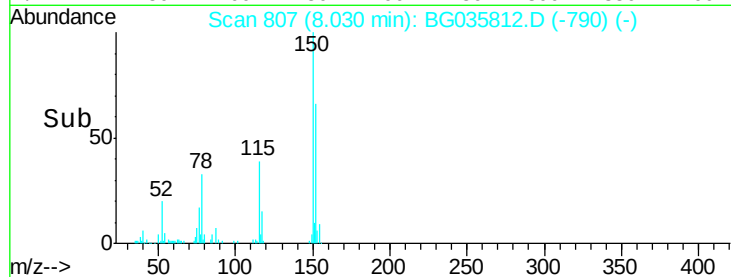
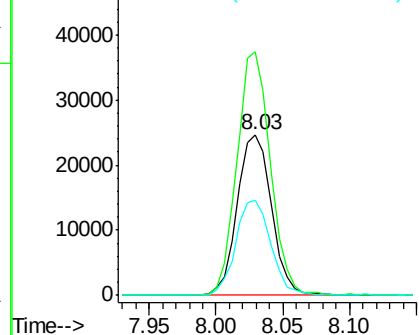
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. 0.00 min
Lab File: BG035812.D
Acq: 21 Jul 2018 9:44

Instrument :
BNA_G
ClientSampleId :
TP-11

Tgt Ion	Ratio	Lower	Upper
152	100		
150	151.5	126.6	189.8
115	58.9	53.0	79.4



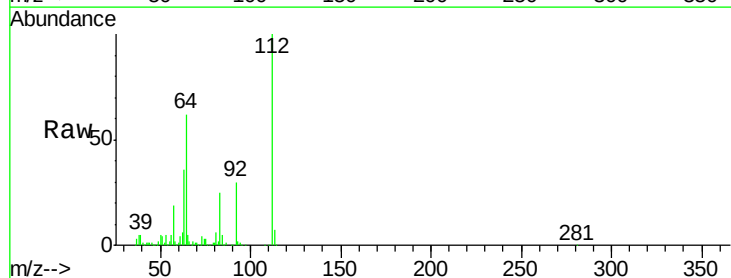
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



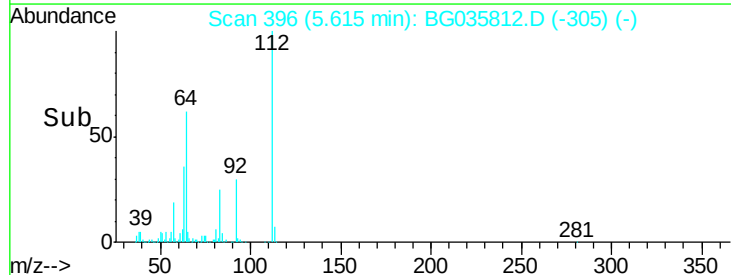
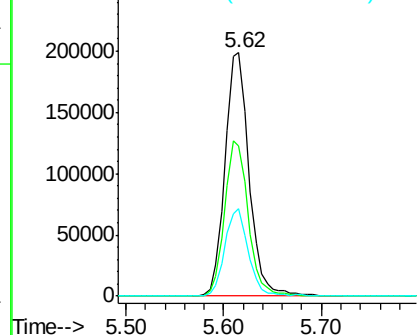
#5

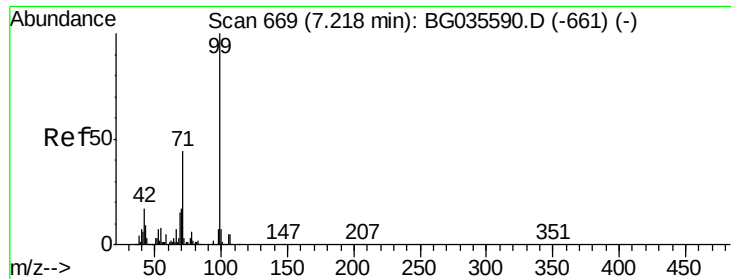
2-Fluorophenol
Concen: 128.332 ng
RT: 5.62 min Scan# 396
Delta R.T. 0.00 min
Lab File: BG035812.D
Acq: 21 Jul 2018 9:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.8	56.3	84.5
63	36.0	30.1	45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 106.966 ng

RT: 7.20 min Scan# 666

Delta R.T. 0.00 min

Lab File: BG035812.D

Acq: 21 Jul 2018 9:44

Instrument :

BNA_G

ClientSampleId :

TP-11

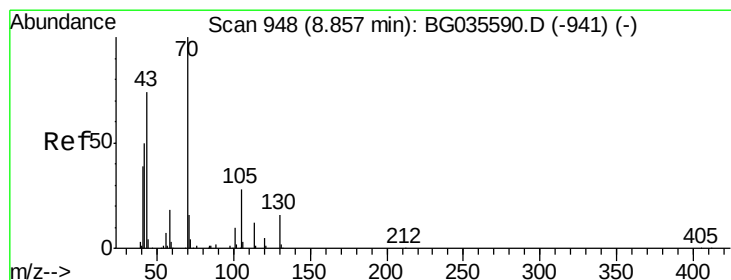
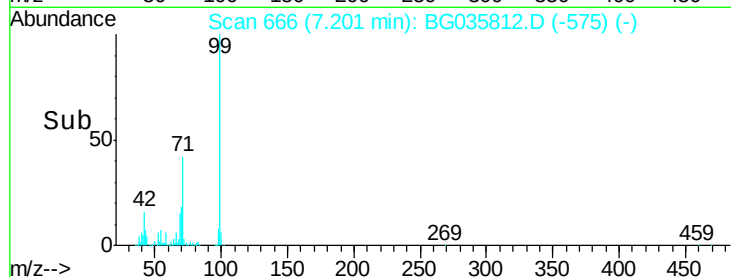
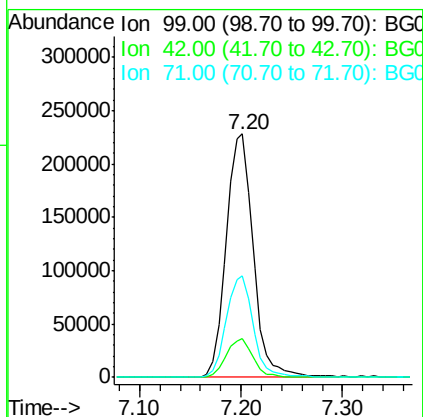
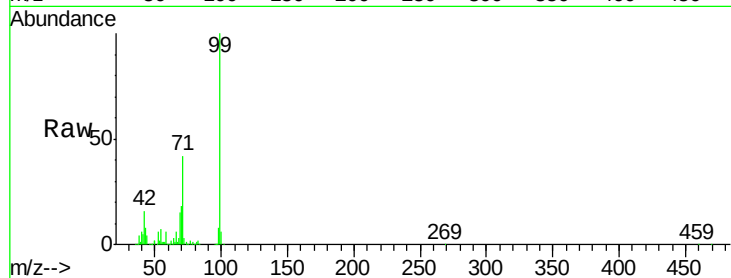
Tgt Ion: 99 Resp: 422915

Ion Ratio Lower Upper

99 100

42 16.0 14.1 21.1

71 42.0 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 14.291 ng

RT: 9.19 min Scan# 1004

Delta R.T. 0.35 min

Lab File: BG035812.D

Acq: 21 Jul 2018 9:44

Tgt Ion: 70 Resp: 47580

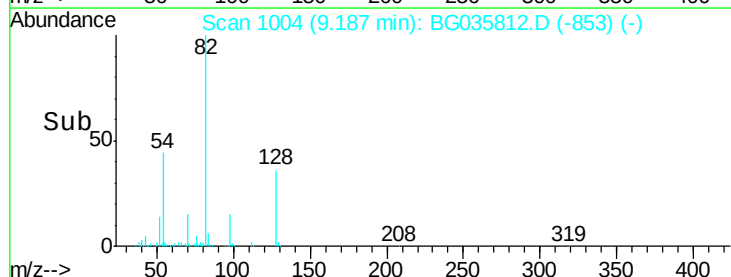
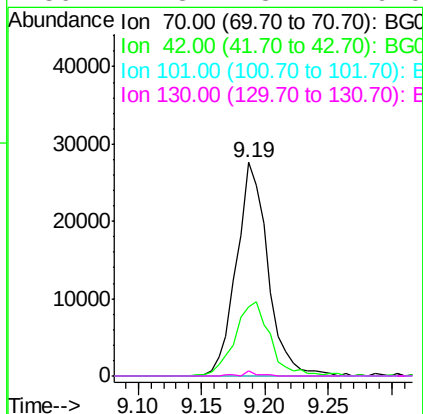
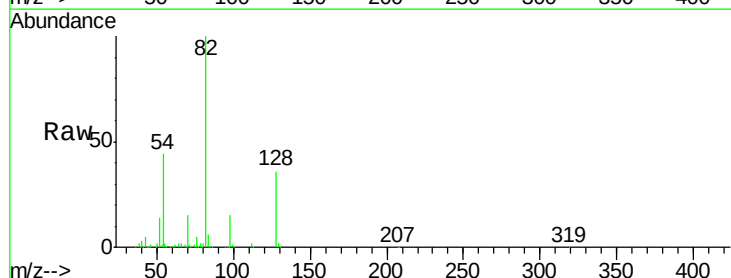
Ion Ratio Lower Upper

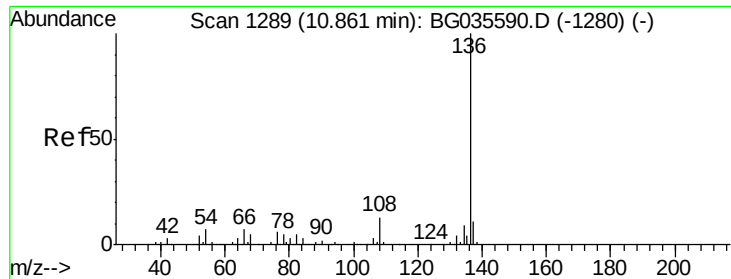
70 100

42 32.2 49.1 73.7#

101 0.0 8.5 12.7#

130 2.3 13.4 20.0#

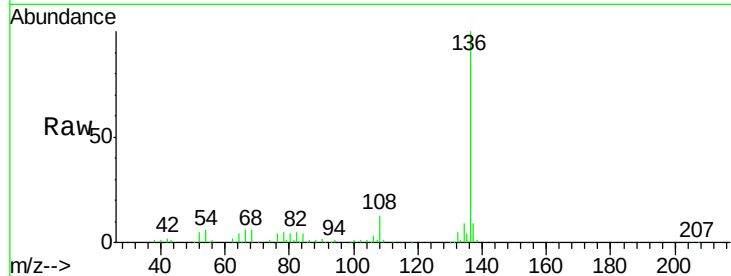




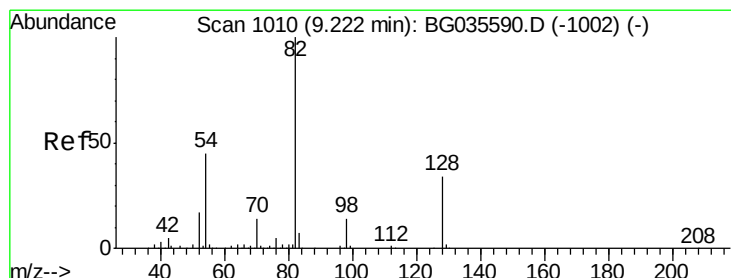
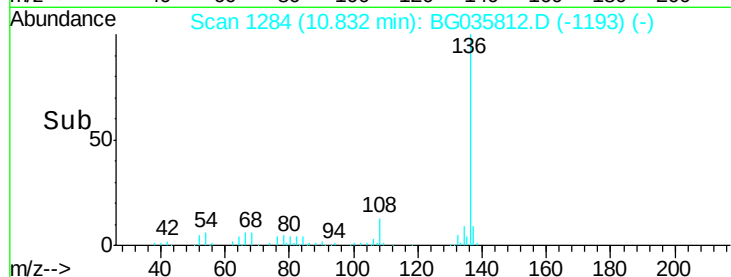
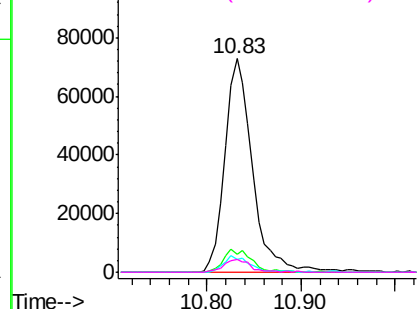
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BG035812.D
Acq: 21 Jul 2018 9:44

Instrument :
BNA_G
ClientSampled :
TP-11

Tgt Ion:	136	Resp:	149073
Ion	Ratio	Lower	Upper
136	100		
137	8.7	9.2	13.8#
54	6.0	10.3	15.5#
68	5.8	4.5	6.7

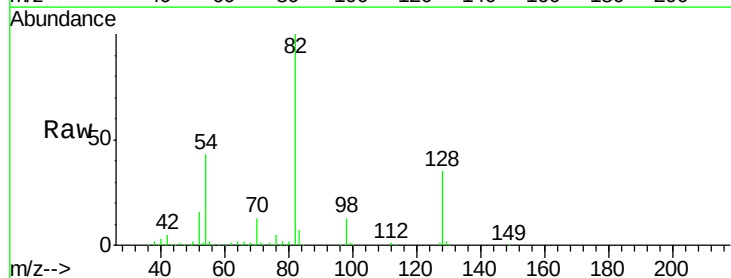


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

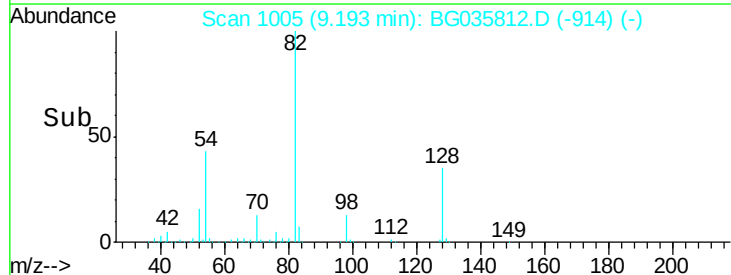
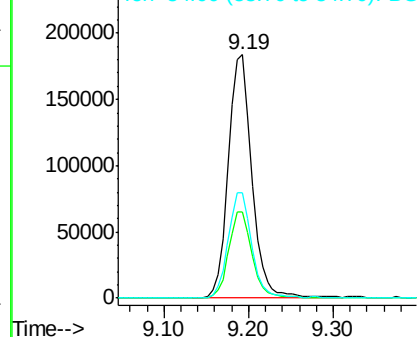


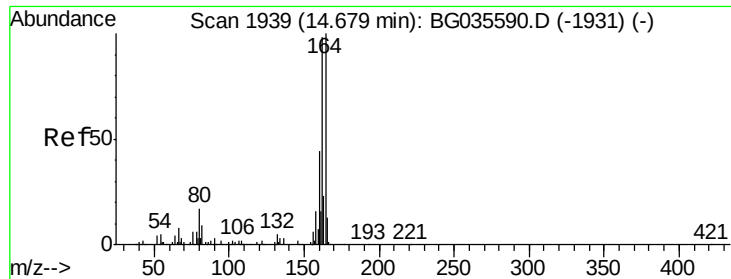
#23
Nitrobenzene-d5
Concen: 99.560 ng
RT: 9.19 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BG035812.D
Acq: 21 Jul 2018 9:44

Tgt Ion:	82	Resp:	355278
Ion	Ratio	Lower	Upper
82	100		
128	35.5	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. -0.00 min

Lab File: BG035812.D

Acq: 21 Jul 2018 9:44

Instrument :

BNA_G

ClientSampleId :

TP-11

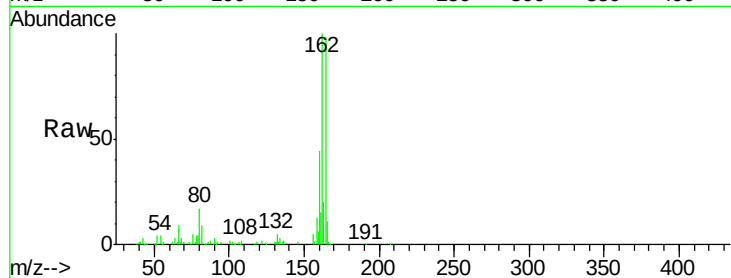
Tgt Ion:164 Resp: 102696

Ion Ratio Lower Upper

164 100

162 101.5 78.8 118.2

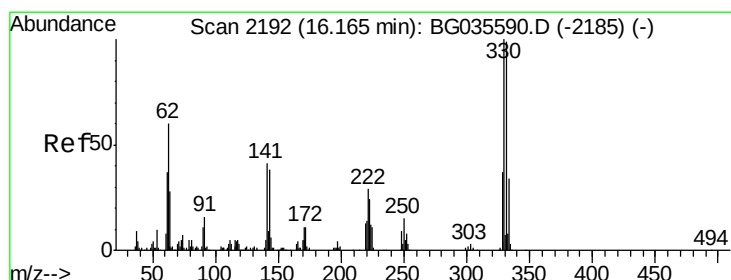
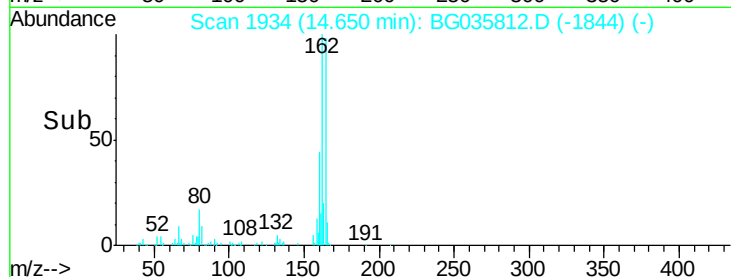
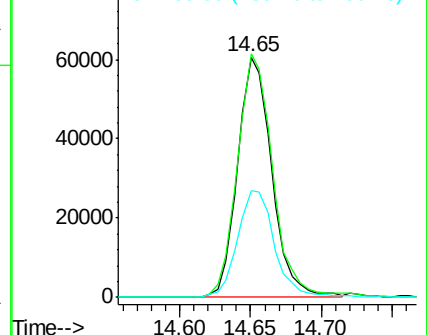
160 44.4 35.4 53.0



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: 161.445 ng

RT: 16.14 min Scan# 2188

Delta R.T. 0.00 min

Lab File: BG035812.D

Acq: 21 Jul 2018 9:44

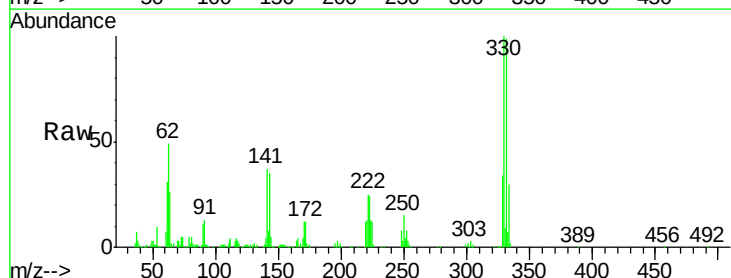
Tgt Ion:330 Resp: 218532

Ion Ratio Lower Upper

330 100

332 93.9 77.0 115.6

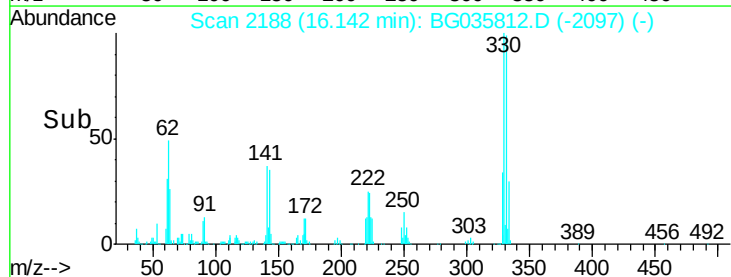
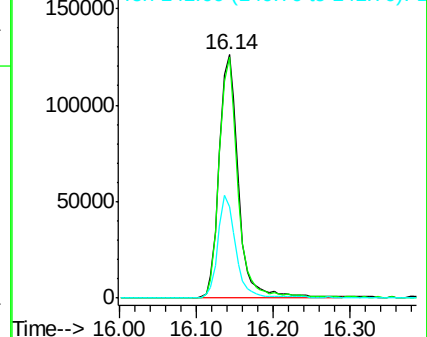
141 39.3 25.2 37.8#

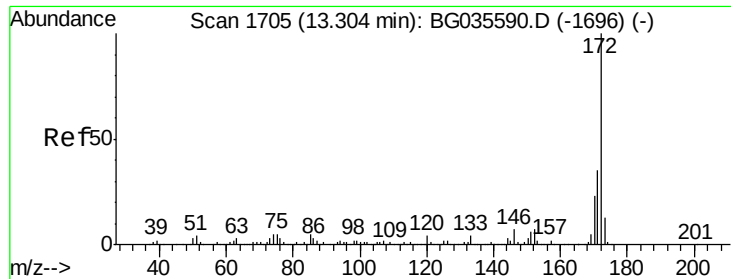


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

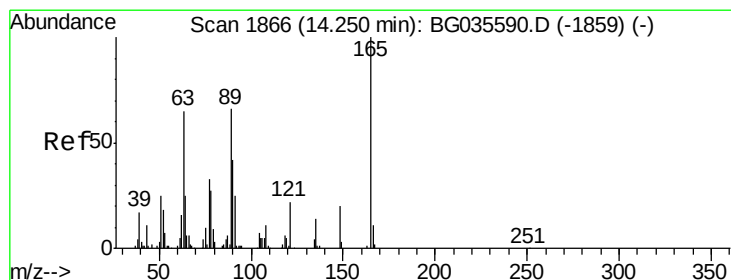
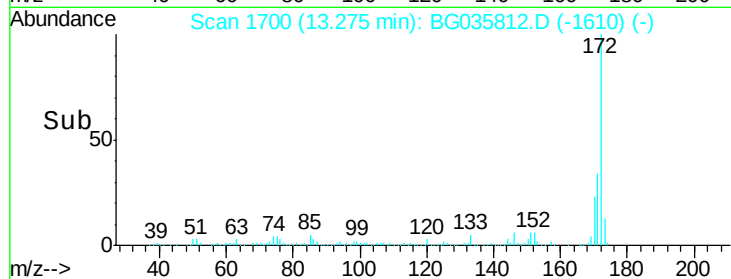
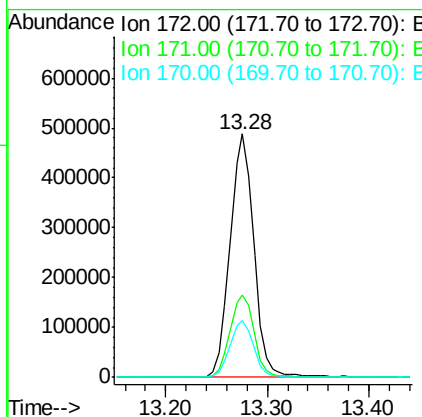
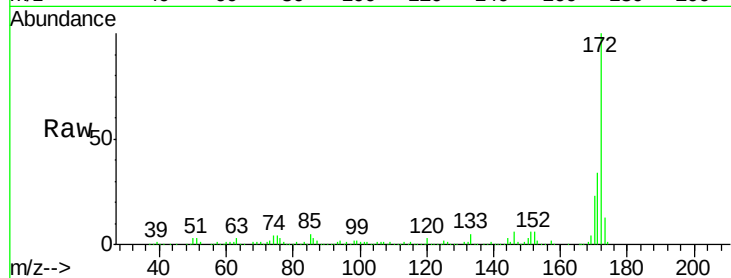




#44
 2-Fluorobiphenyl
 Concen: 103.911 ng
 RT: 13.28 min Scan# 1700
 Delta R.T. -0.00 min
 Lab File: BG035812.D
 Acq: 21 Jul 2018 9:44

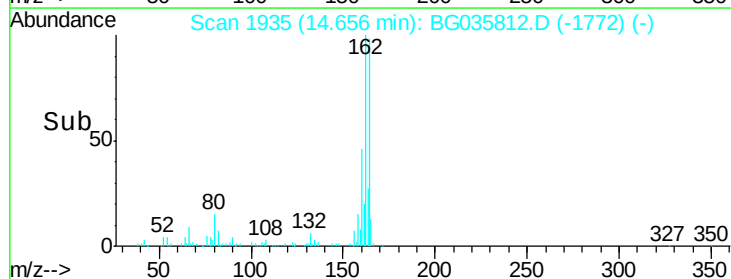
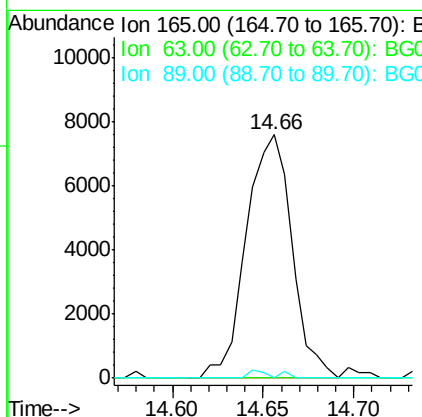
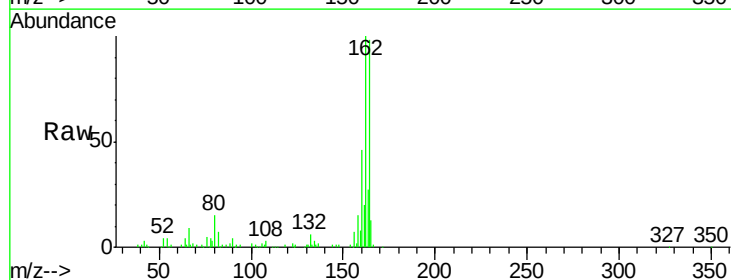
Instrument :
 BNA_G
 ClientSampleId :
 TP-11

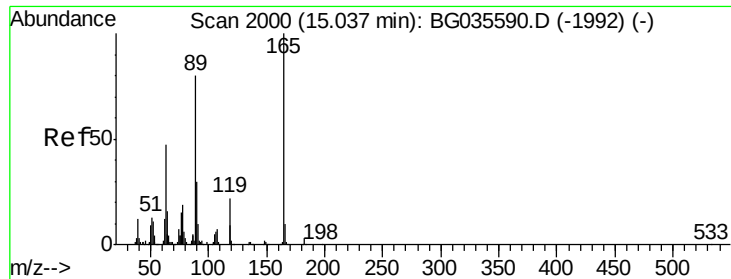
Tgt Ion:172 Resp: 796515
 Ion Ratio Lower Upper
 172 100
 171 33.7 30.0 45.0
 170 23.2 19.5 29.3



#50
 2,6-Dinitrotoluene
 Concen: 7.255 ng
 RT: 14.66 min Scan# 1935
 Delta R.T. 0.42 min
 Lab File: BG035812.D
 Acq: 21 Jul 2018 9:44

Tgt Ion:165 Resp: 13294
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 0.0 49.2 73.8#

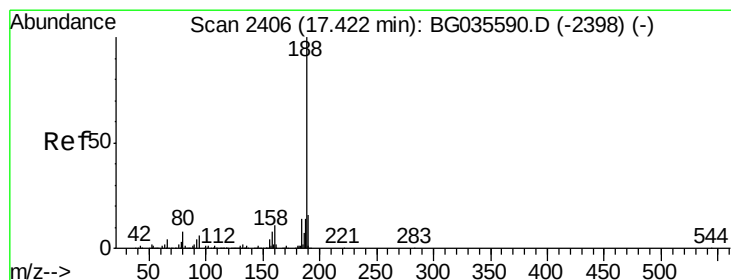
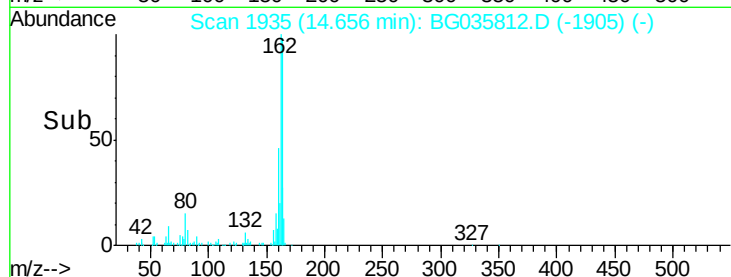
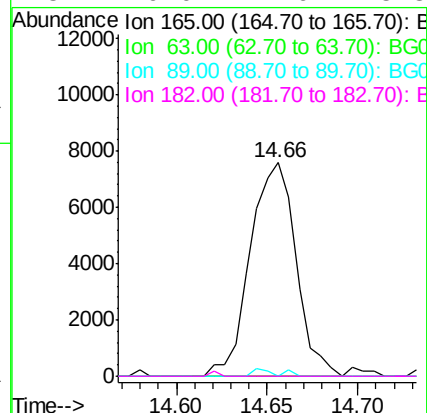
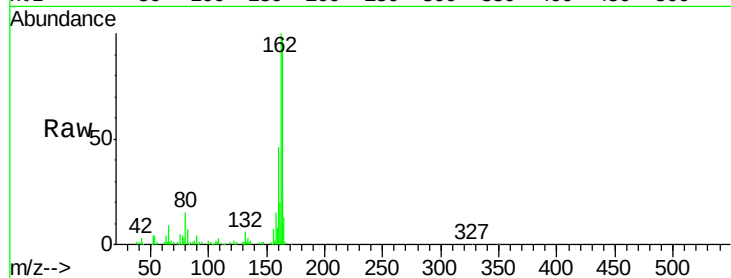




#56
 2,4-Dinitrotoluene
 Concen: 5.057 ng
 RT: 14.66 min Scan# 1935
 Delta R.T. -0.36 min
 Lab File: BG035812.D
 Acq: 21 Jul 2018 9:44

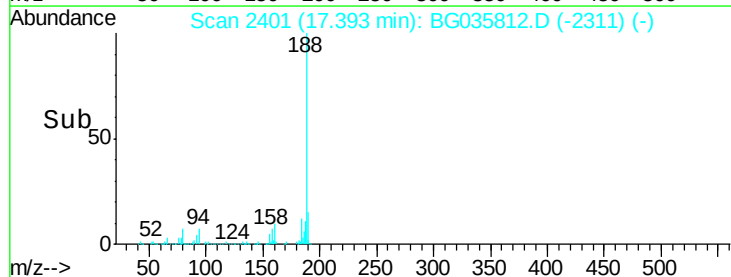
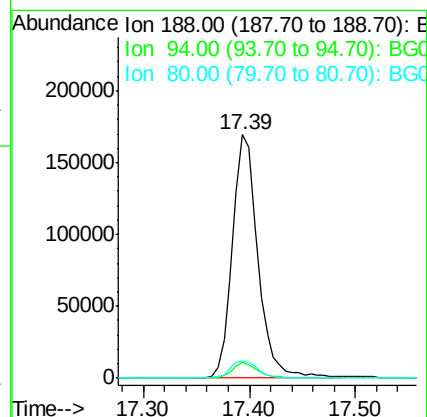
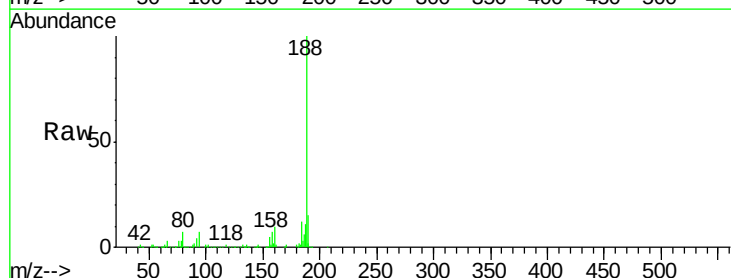
Instrument :
 BNA_G
 ClientSampleId :
 TP-11

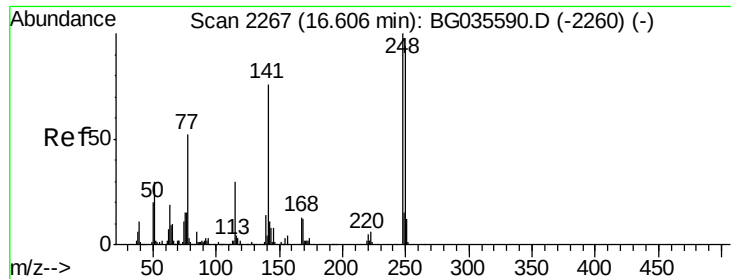
Tgt Ion:165 Resp: 13294
 Ion Ratio Lower Upper
 165 100
 63 0.0 42.0 63.0#
 89 0.0 66.9 100.3#
 182 0.0 2.6 3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.39 min Scan# 2401
 Delta R.T. -0.00 min
 Lab File: BG035812.D
 Acq: 21 Jul 2018 9:44

Tgt Ion:188 Resp: 282550
 Ion Ratio Lower Upper
 188 100
 94 6.6 6.9 10.3#
 80 7.2 7.7 11.5#

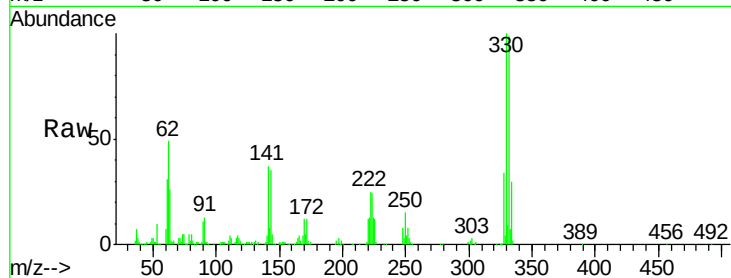




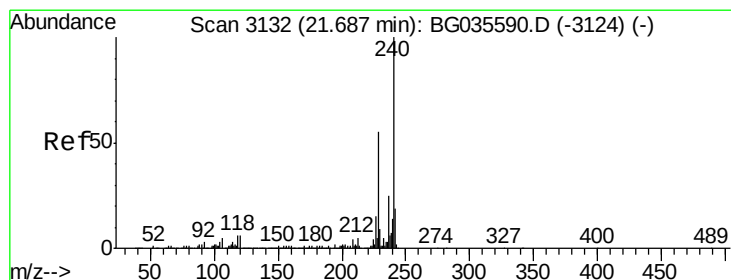
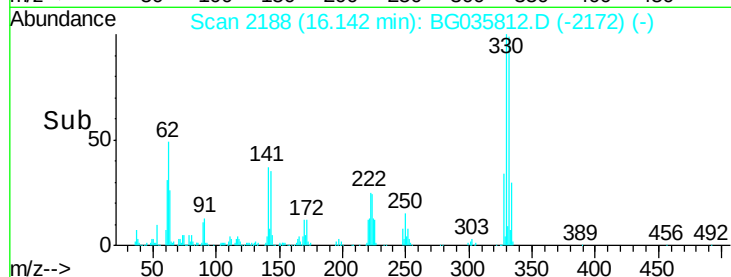
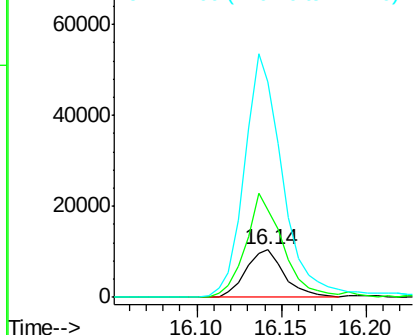
#66
4-Bromophenyl-phenylether
Concen: 5.062 ng
RT: 16.14 min Scan# 2188
Delta R.T. -0.44 min
Lab File: BG035812.D
Acq: 21 Jul 2018 9:44

Instrument :
BNA_G
ClientSampleId :
TP-11

Tgt Ion:248 Resp: 16592
Ion Ratio Lower Upper
248 100
250 184.0 77.1 115.7#
141 454.7 50.8 76.2#

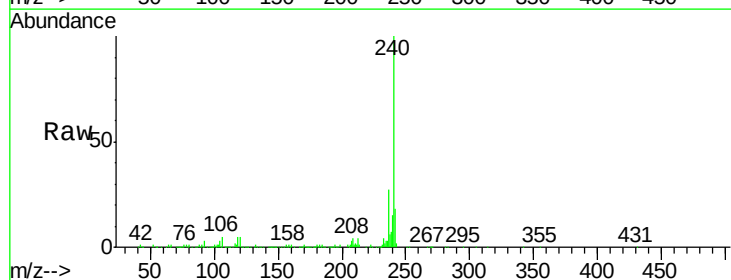


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

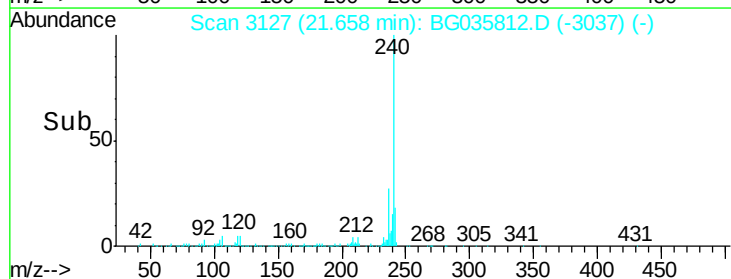
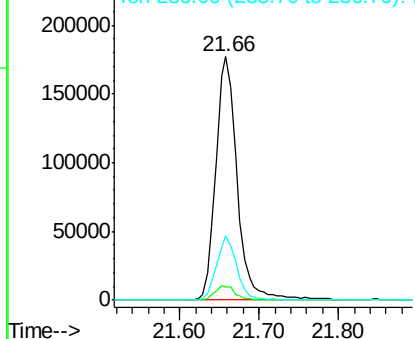


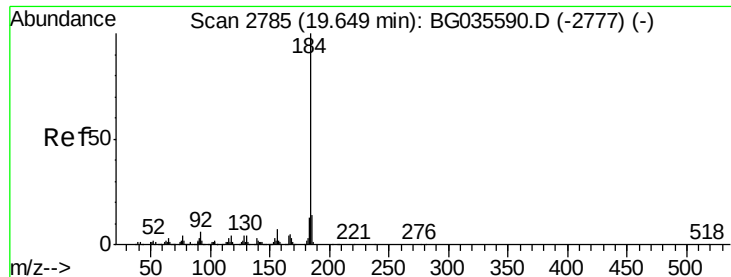
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3127
Delta R.T. -0.00 min
Lab File: BG035812.D
Acq: 21 Jul 2018 9:44

Tgt Ion:240 Resp: 330483
Ion Ratio Lower Upper
240 100
120 5.5 6.8 10.2#
236 26.5 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: 3.246 ng

RT: 20.00 min Scan# 2845

Delta R.T. 0.38 min

Lab File: BG035812.D

Acq: 21 Jul 2018 9:44

Instrument :

BNA_G

ClientSampleId :

TP-11

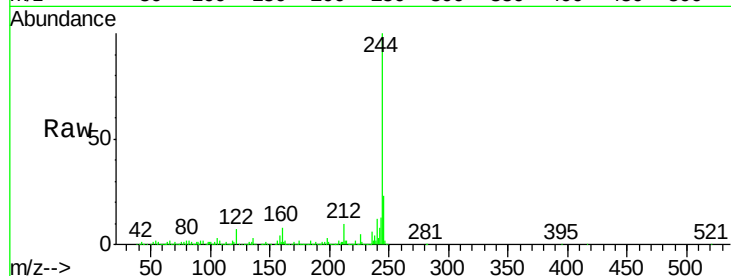
Tgt Ion:184 Resp: 28205

Ion Ratio Lower Upper

184 100

185 18.0 11.1 16.7#

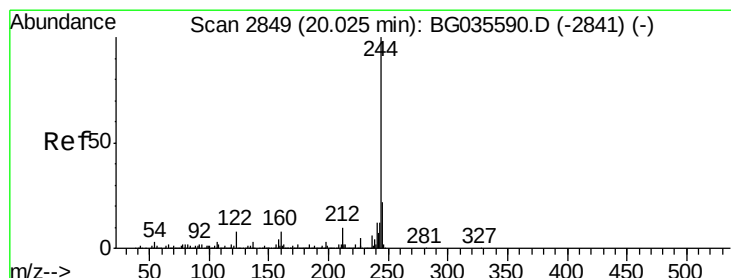
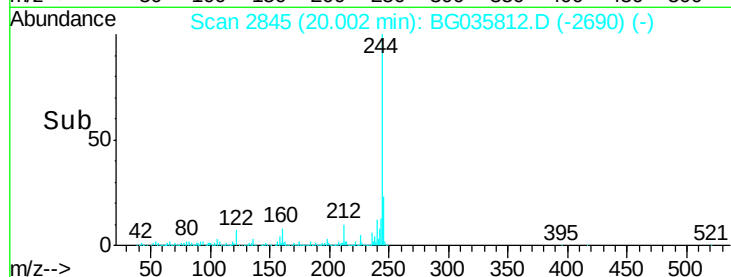
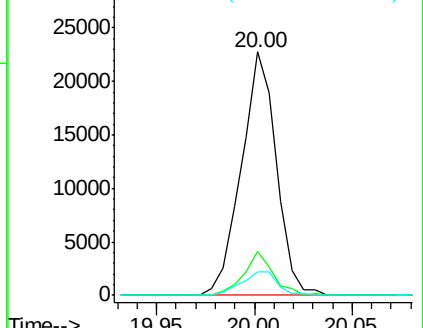
183 9.7 10.6 16.0#



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: 104.623 ng

RT: 20.00 min Scan# 2845

Delta R.T. 0.00 min

Lab File: BG035812.D

Acq: 21 Jul 2018 9:44

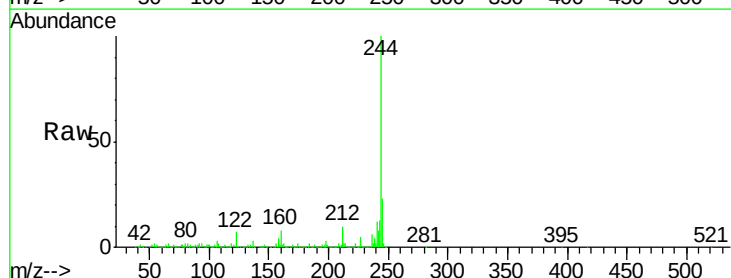
Tgt Ion:244 Resp: 1568572

Ion Ratio Lower Upper

244 100

212 10.0 5.8 8.8#

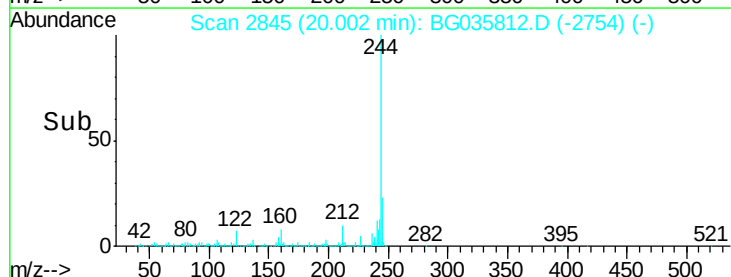
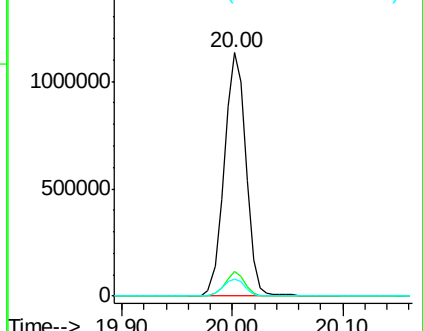
122 7.2 7.0 10.4

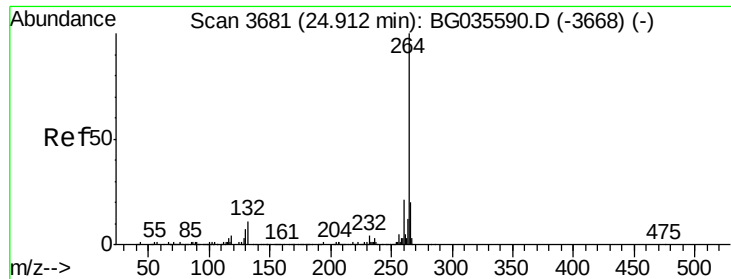


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

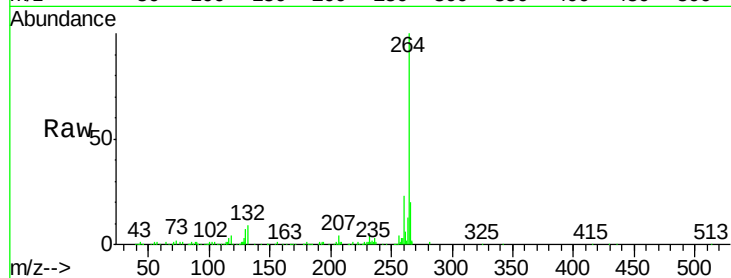




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.86 min Scan# 3672
Delta R.T. 0.00 min
Lab File: BG035812.D
Acq: 21 Jul 2018 9:44

Instrument :
BNA_G
ClientSampleId :
TP-11

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	17.4	26.0
265	20.2	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

