

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072518\
 Data File : BG035880.D
 Acq On : 25 Jul 2018 19:08
 Operator : JU/SJ
 Sample : J4124-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-11-D

Quant Time: Jul 26 01:39:20 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

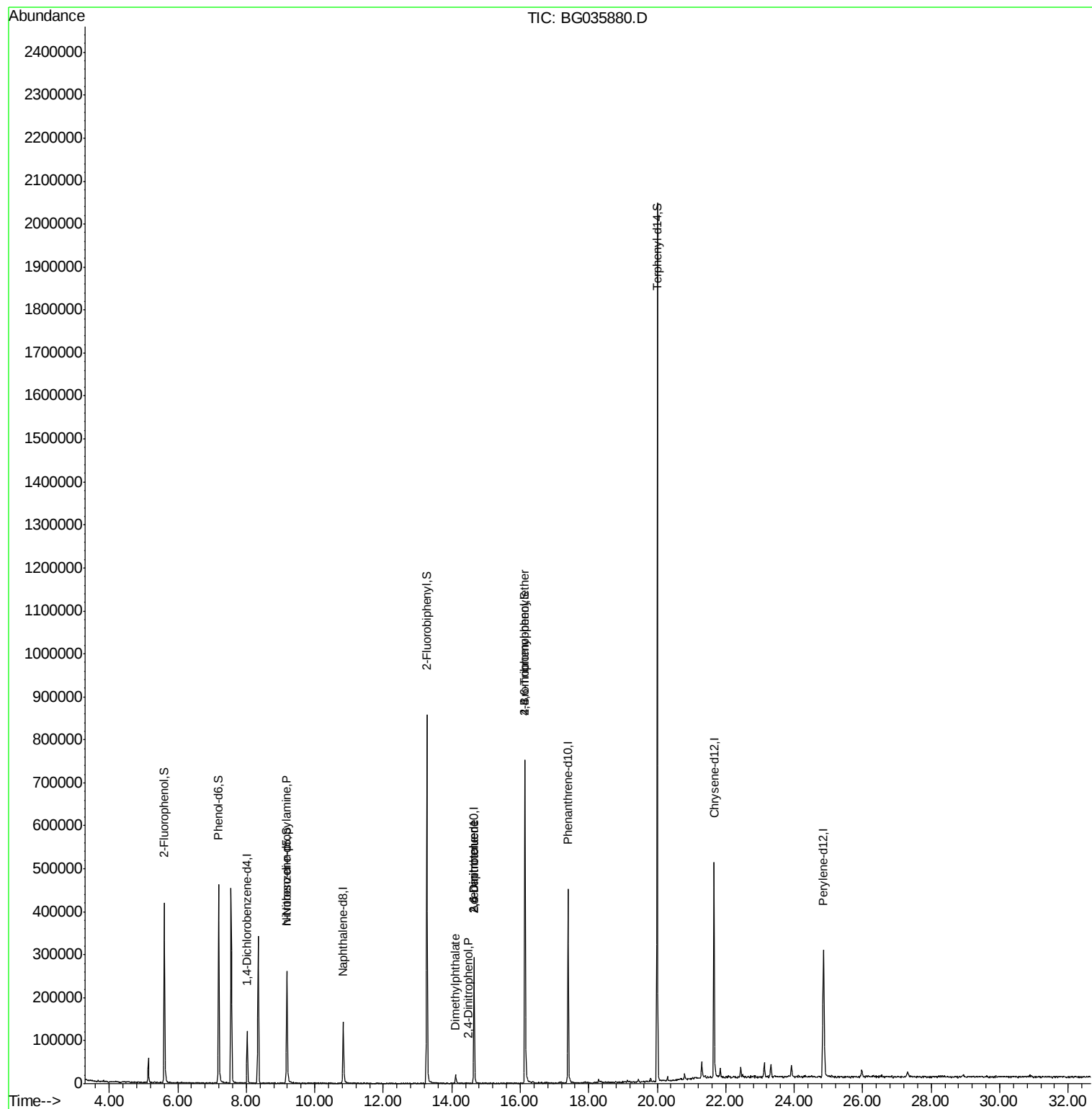
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	35070	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	138725	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	107817	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	327913	20.00	ng	0.00
75) Chrysene-d12	21.66	240	334411	20.00	ng	0.00
86) Perylene-d12	24.85	264	321267	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	196077	92.82	ng	0.00
7) Phenol-d6	7.19	99	291908	92.62	ng	0.00
23) Nitrobenzene-d5	9.19	82	189170	56.97	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	156778	110.32	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	505093	62.76	ng	0.00
78) Terphenyl-d14	20.00	244	979002	64.53	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.19	70	25539	9.623	ng	# 64
49) Dimethylphthalate	14.11	163	22409	2.372	ng	# 99
50) 2,6-Dinitrotoluene	14.65	165	14006	7.281	ng	# 20
53) 2,4-Dinitrophenol	14.48	184	63	6.641	ng	# 1
56) 2,4-Dinitrotoluene	14.65	165	14006	5.075	ng	# 17
66) 4-Bromophenyl-phenylether	16.14	248	12130	3.188	ng	# 1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072518\
Data File : BG035880.D
Acq On : 25 Jul 2018 19:08
Operator : JU/SJ
Sample : J4124-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-11-D

Quant Time: Jul 26 01:39:20 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



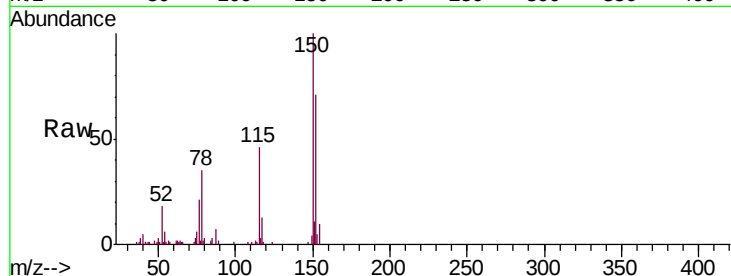


#1

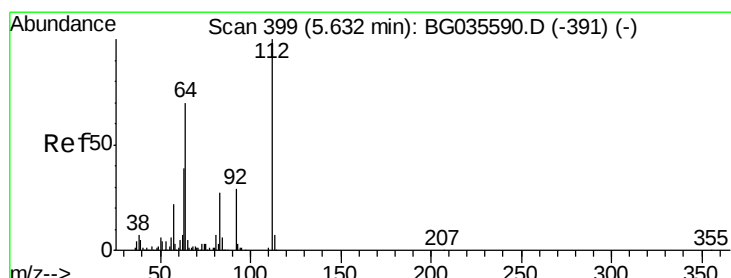
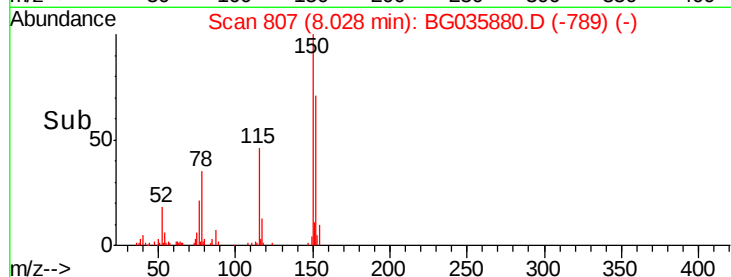
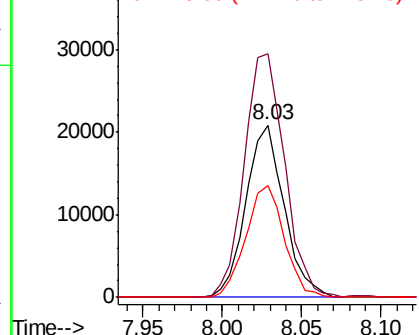
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. 0.00 min
Lab File: BG035880.D
Acq: 25 Jul 2018 19:08

Instrument :
BNA_G
ClientSampleId :
TP-11-D

Tgt Ion	Ratio	Lower	Upper
152	100		
150	141.5	126.6	189.8
115	64.6	53.0	79.4



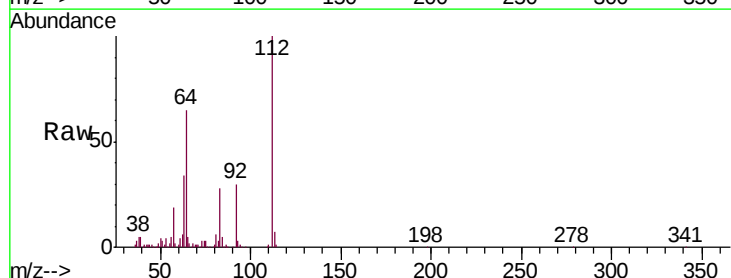
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



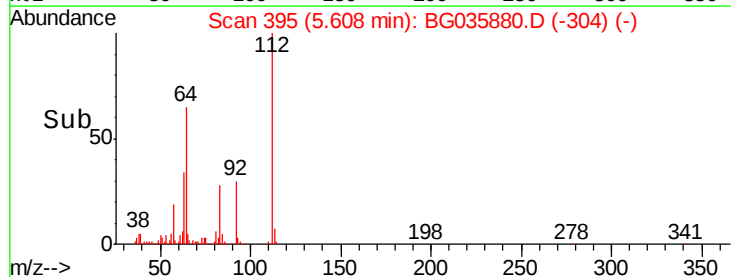
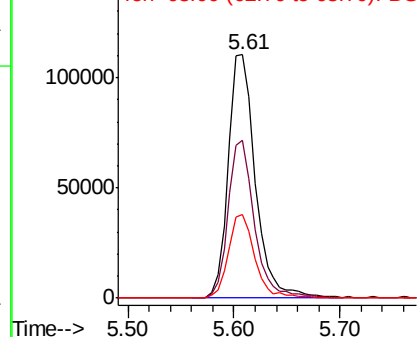
#5

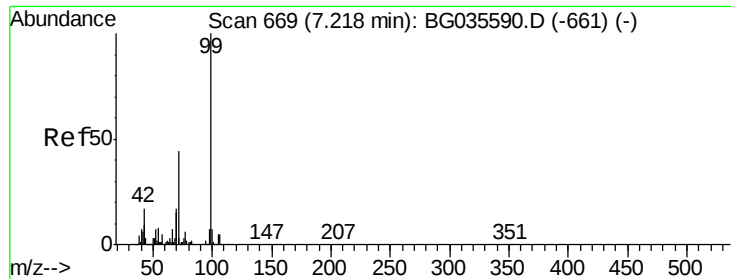
2-Fluorophenol
Concen: 92.824 ng
RT: 5.61 min Scan# 395
Delta R.T. 0.00 min
Lab File: BG035880.D
Acq: 25 Jul 2018 19:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.9	56.3	84.5
63	34.1	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: 92.622 ng

RT: 7.19 min Scan# 665

Delta R.T. -0.00 min

Lab File: BG035880.D

Acq: 25 Jul 2018 19:08

Instrument :

BNA_G

ClientSampleId :

TP-11-D

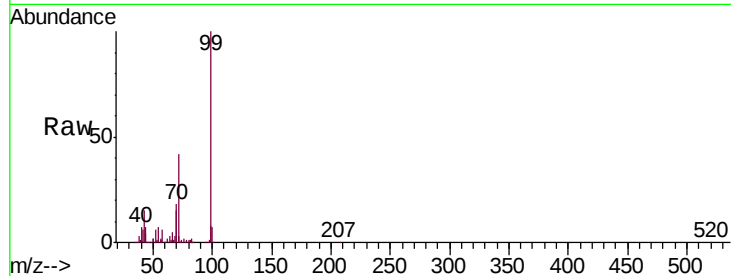
Tgt Ion: 99 Resp: 291908

Ion Ratio Lower Upper

99 100

42 14.7 14.1 21.1

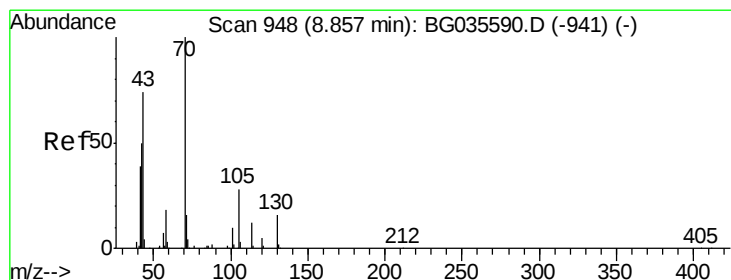
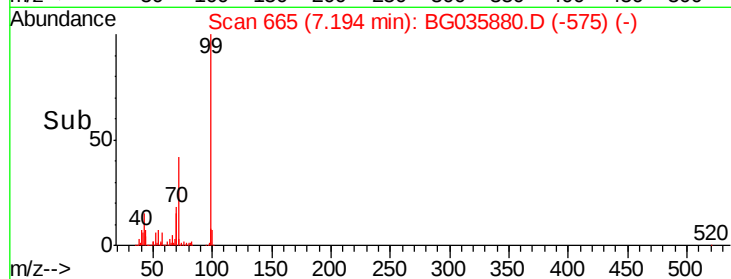
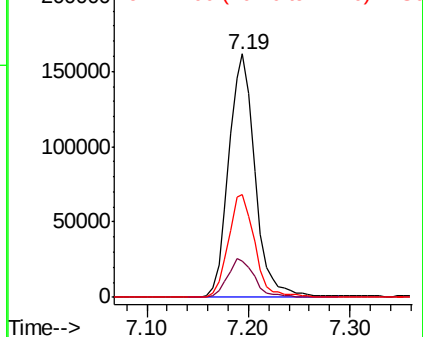
71 42.0 26.1 39.1#



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: 9.623 ng

RT: 9.19 min Scan# 1004

Delta R.T. 0.36 min

Lab File: BG035880.D

Acq: 25 Jul 2018 19:08

Tgt Ion: 70 Resp: 25539

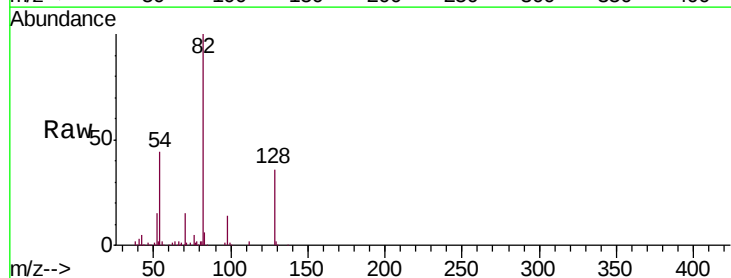
Ion Ratio Lower Upper

70 100

42 32.6 49.1 73.7#

101 0.0 8.5 12.7#

130 1.1 13.4 20.0#

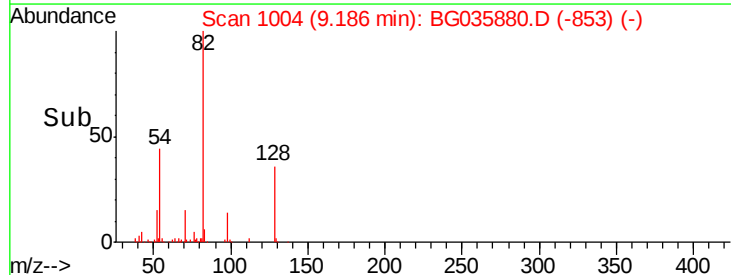
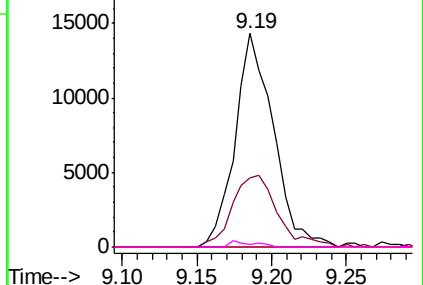


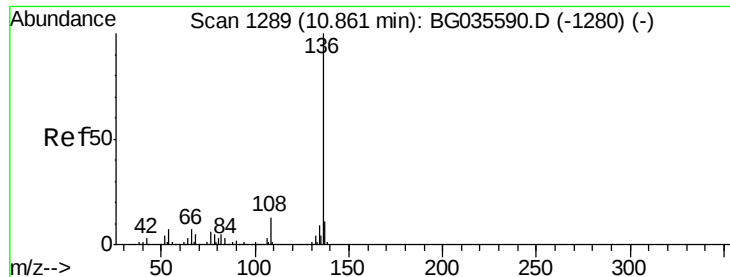
Abundance Ion 70.00 (69.70 to 70.70): BGC

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

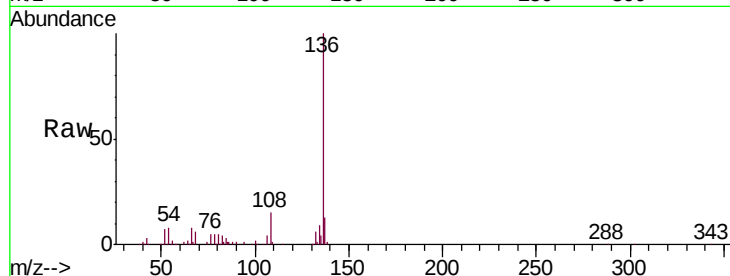




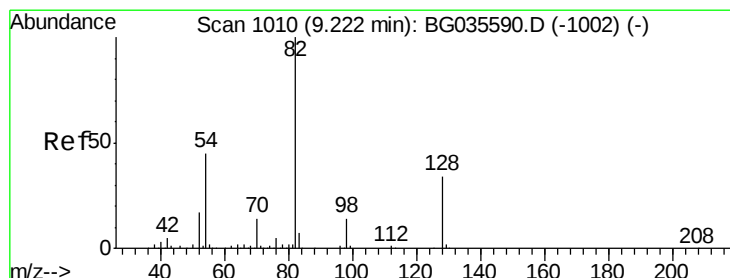
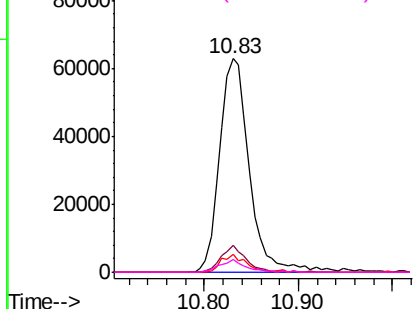
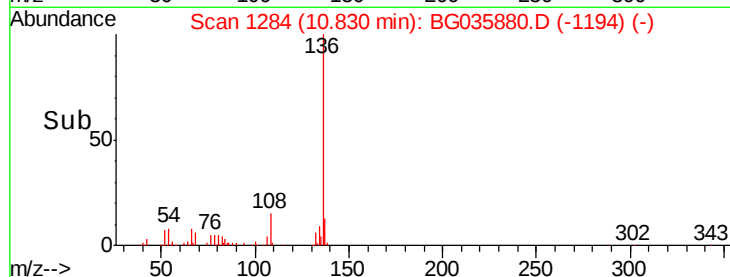
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BG035880.D
Acq: 25 Jul 2018 19:08

Instrument :
BNA_G
ClientSampleId :
TP-11-D

Tgt Ion:	136	Resp:	138725
Ion	Ratio	Lower	Upper
136	100		
137	12.7	9.2	13.8
54	8.4	10.3	15.5
68	5.9	4.5	6.7

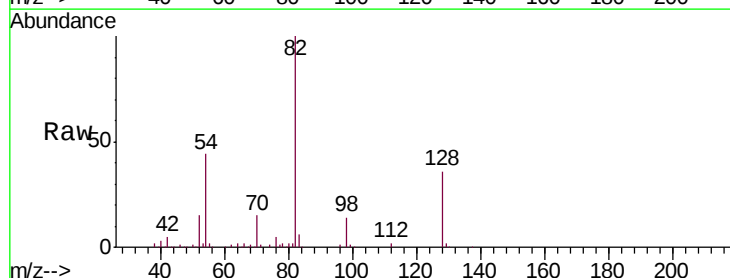


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

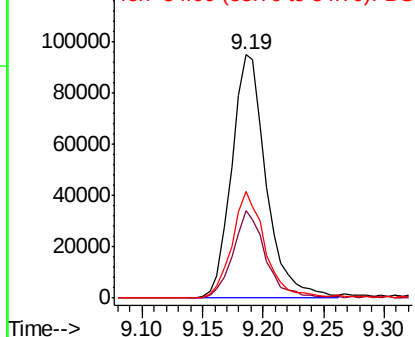
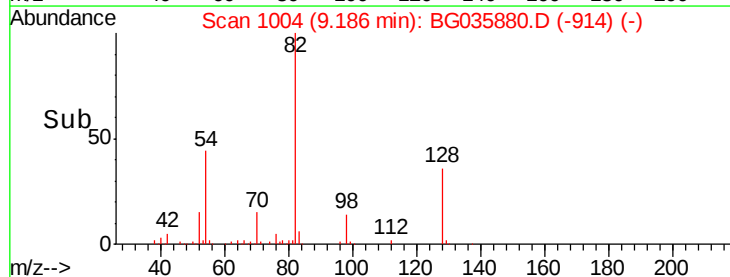


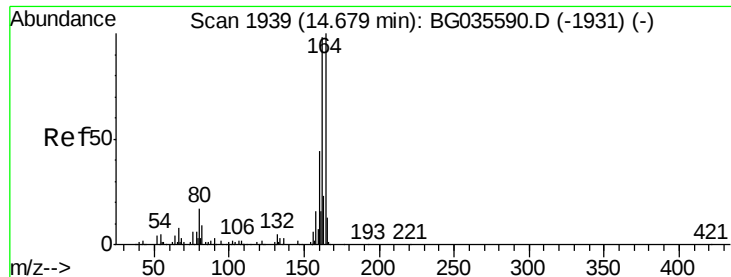
#23
Nitrobenzene-d5
Concen: 56.965 ng
RT: 9.19 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BG035880.D
Acq: 25 Jul 2018 19:08

Tgt Ion:	82	Resp:	189170
Ion	Ratio	Lower	Upper
82	100		
128	35.7	29.7	44.5
54	43.6	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: BG035880.D

Acq: 25 Jul 2018 19:08

Instrument :

BNA_G

ClientSampleId :

TP-11-D

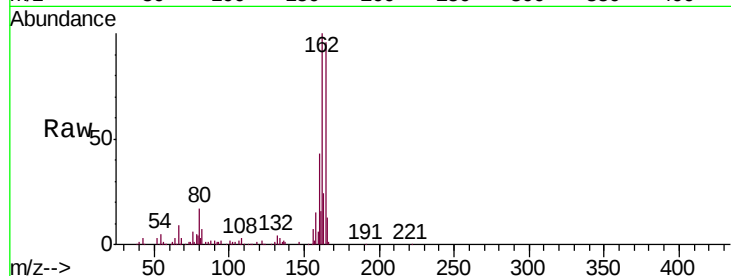
Tgt Ion:164 Resp: 107817

Ion Ratio Lower Upper

164 100

162 104.2 78.8 118.2

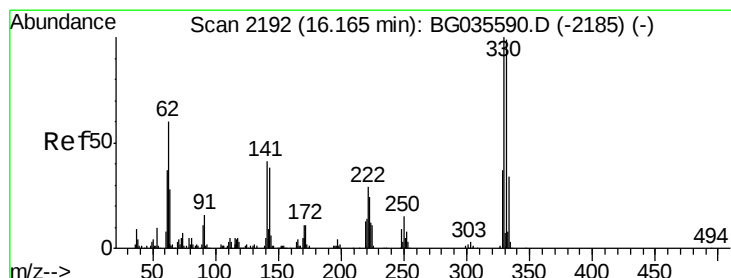
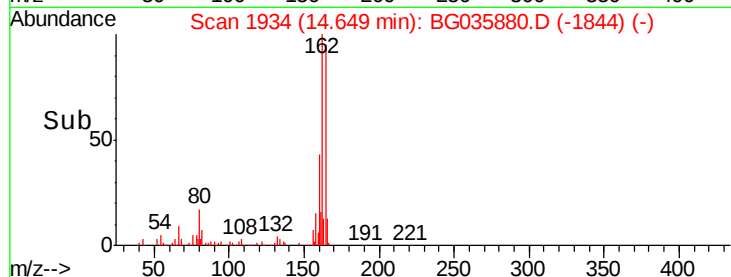
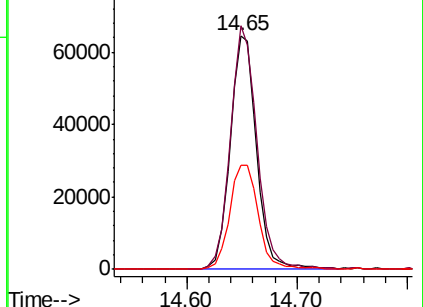
160 44.7 35.4 53.0



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: 110.322 ng

RT: 16.14 min Scan# 2188

Delta R.T. -0.00 min

Lab File: BG035880.D

Acq: 25 Jul 2018 19:08

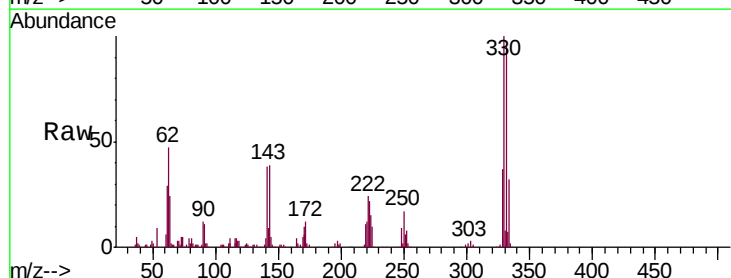
Tgt Ion:330 Resp: 156778

Ion Ratio Lower Upper

330 100

332 95.2 77.0 115.6

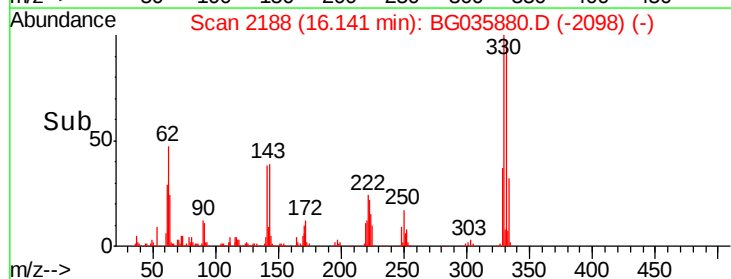
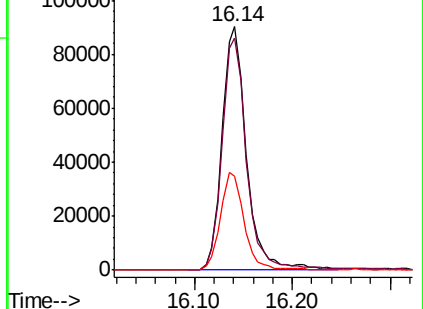
141 39.0 25.2 37.8#

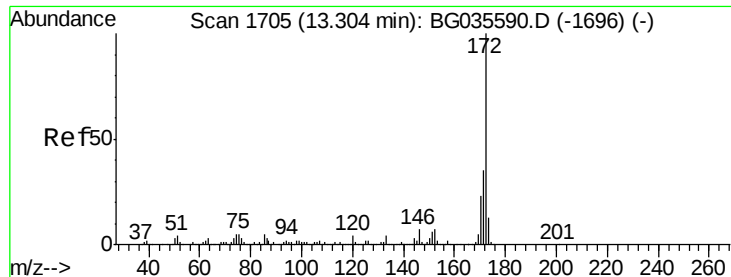


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 62.763 ng

RT: 13.27 min Scan# 1700

Delta R.T. -0.00 min

Lab File: BG035880.D

Acq: 25 Jul 2018 19:08

Instrument :

BNA_G

ClientSampleId :

TP-11-D

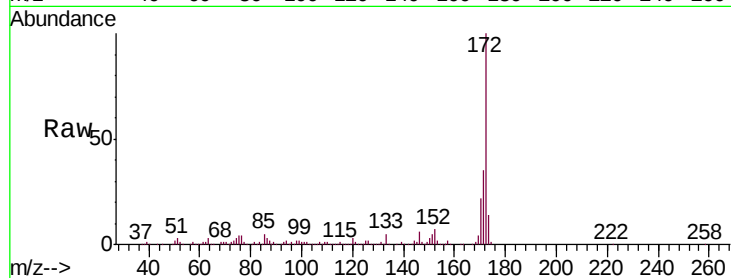
Tgt Ion:172 Resp: 505093

Ion Ratio Lower Upper

172 100

171 35.4 30.0 45.0

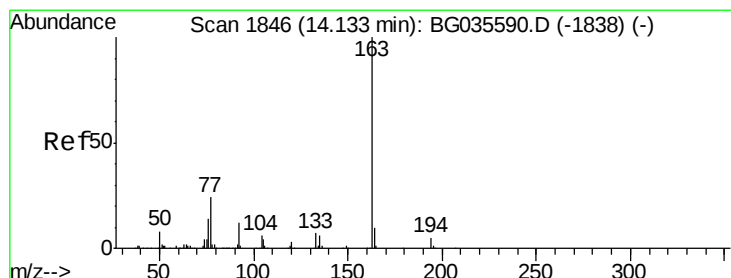
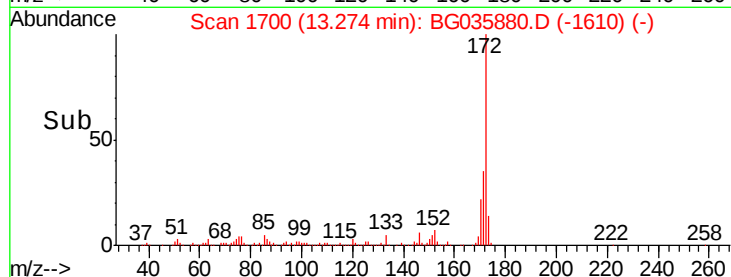
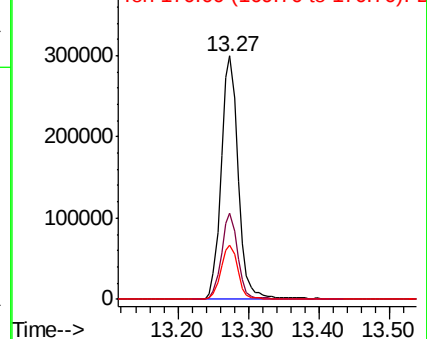
170 22.4 19.5 29.3



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



#49

Dimethylphthalate

Concen: 2.372 ng

RT: 14.11 min Scan# 1843

Delta R.T. 0.01 min

Lab File: BG035880.D

Acq: 25 Jul 2018 19:08

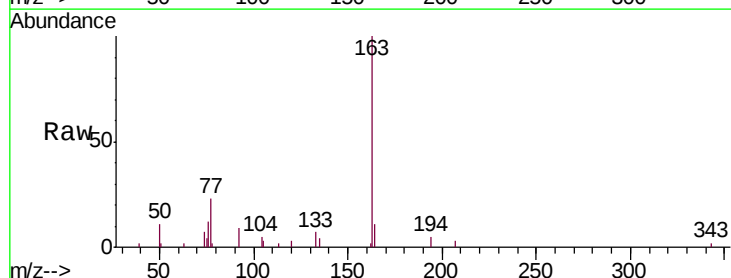
Tgt Ion:163 Resp: 22409

Ion Ratio Lower Upper

163 100

194 4.6 3.4 5.2

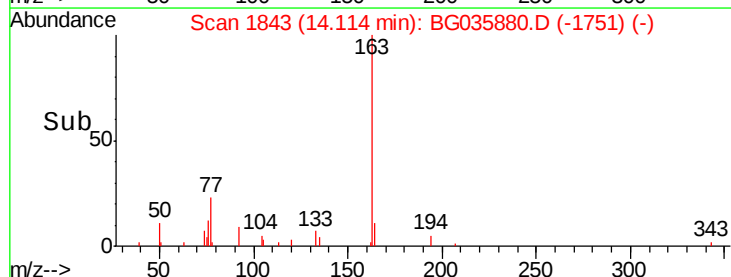
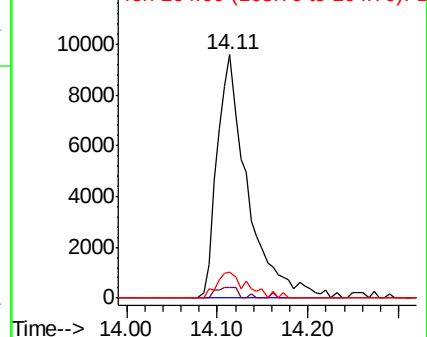
164 10.5 8.2 12.4

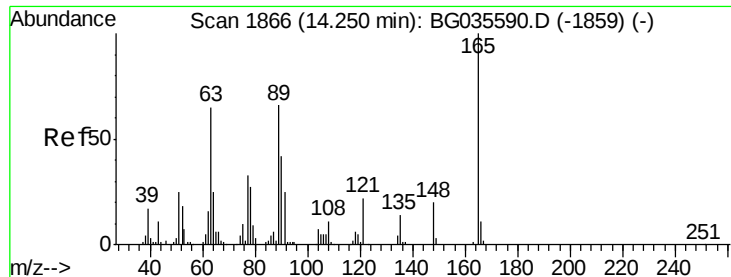


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

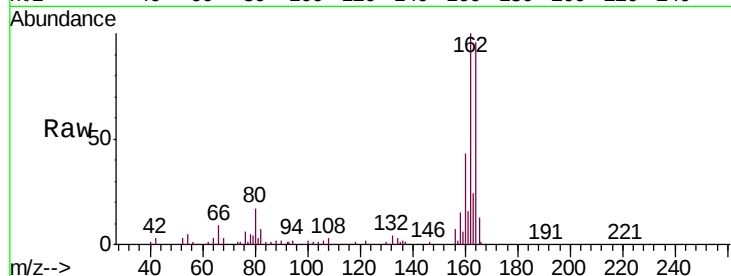




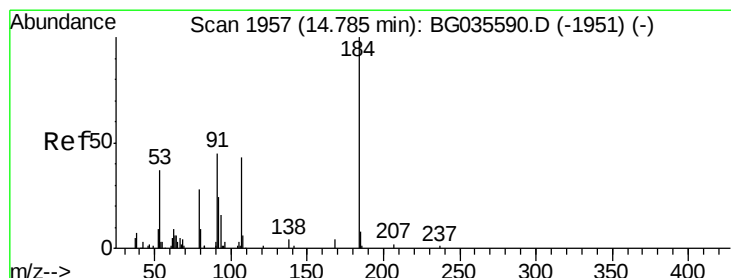
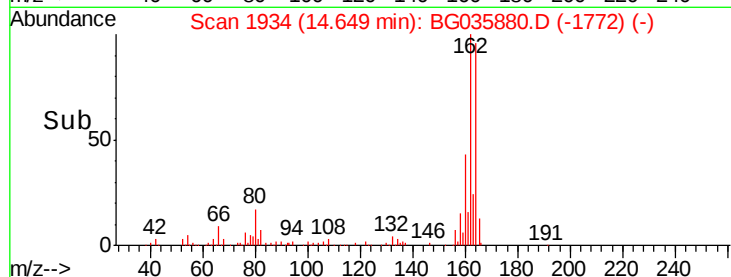
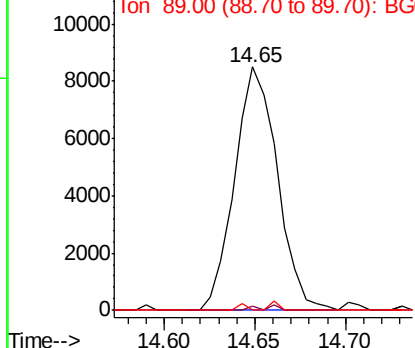
#50
 2,6-Dinitrotoluene
 Concen: 7.281 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. 0.42 min
 Lab File: BG035880.D
 Acq: 25 Jul 2018 19:08

Instrument :
 BNA_G
 ClientSampled :
 TP-11-D

Tgt Ion:165 Resp: 14006
 Ion Ratio Lower Upper
 165 100
 63 2.0 52.7 79.1#
 89 0.0 49.2 73.8#

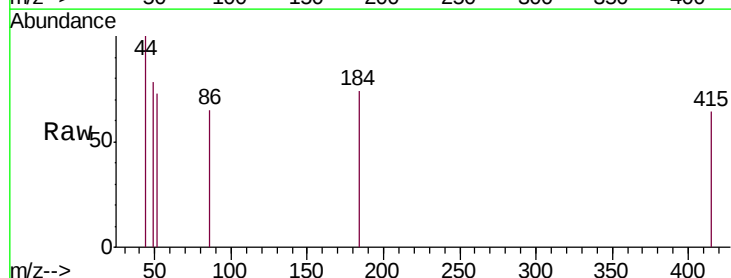


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

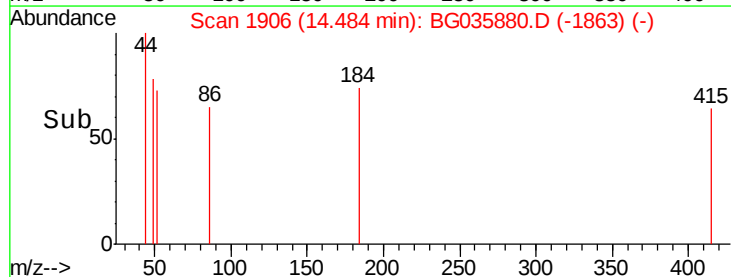
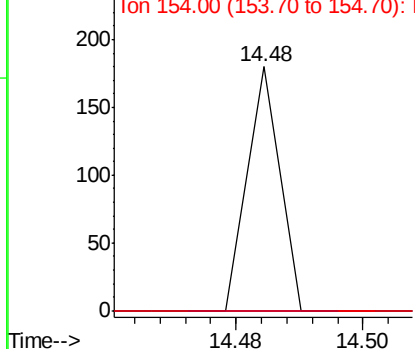


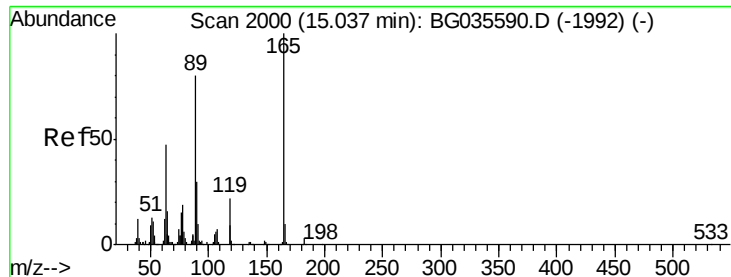
#53
 2,4-Dinitrophenol
 Concen: 6.641 ng
 RT: 14.48 min Scan# 1906
 Delta R.T. -0.28 min
 Lab File: BG035880.D
 Acq: 25 Jul 2018 19:08

Tgt Ion:184 Resp: 63
 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

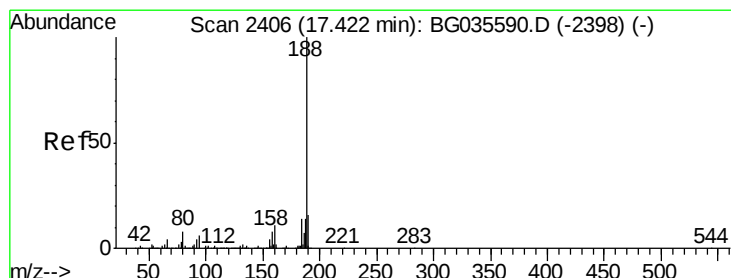
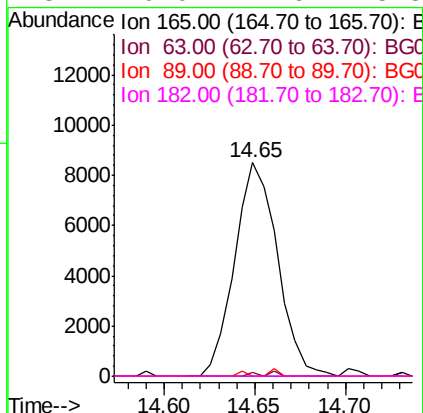
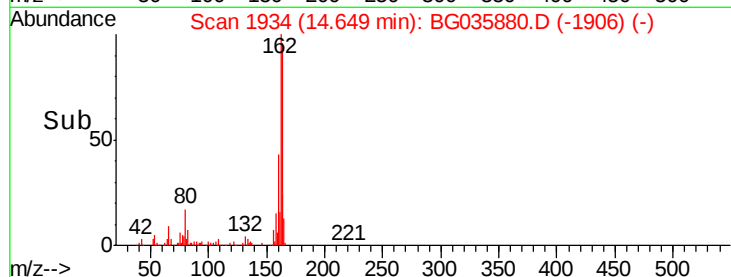
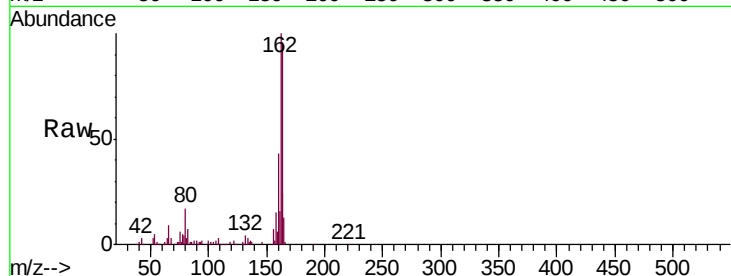




#56
 2,4-Dinitrotoluene
 Concen: 5.075 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. -0.37 min
 Lab File: BG035880.D
 Acq: 25 Jul 2018 19:08

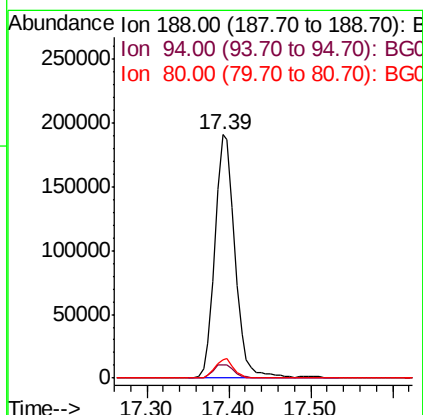
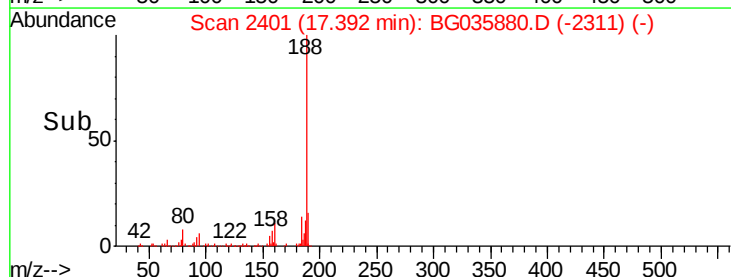
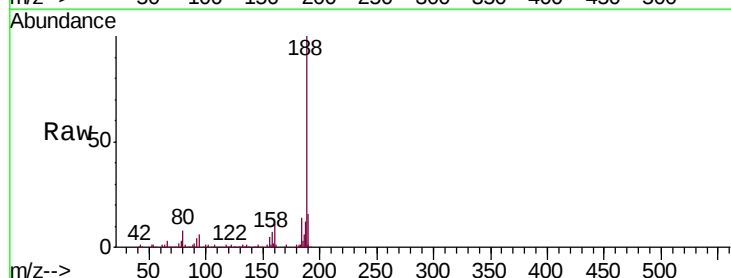
Instrument :
 BNA_G
 ClientSampleId :
 TP-11-D

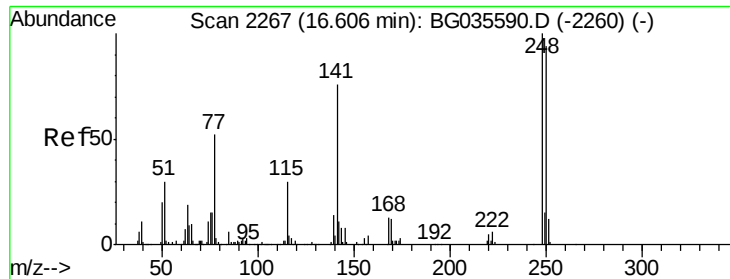
Tgt Ion:165 Resp: 14006
 Ion Ratio Lower Upper
 165 100
 63 2.0 42.0 63.0#
 89 0.0 66.9 100.3#
 182 0.0 2.6 3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.39 min Scan# 2401
 Delta R.T. -0.00 min
 Lab File: BG035880.D
 Acq: 25 Jul 2018 19:08

Tgt Ion:188 Resp: 327913
 Ion Ratio Lower Upper
 188 100
 94 5.6 6.9 10.3#
 80 7.5 7.7 11.5#

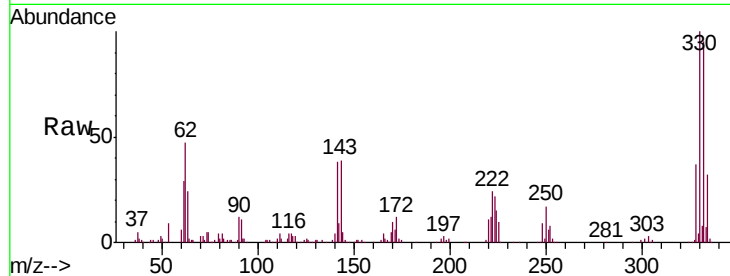




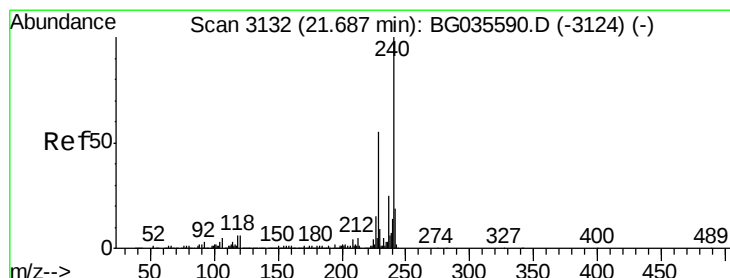
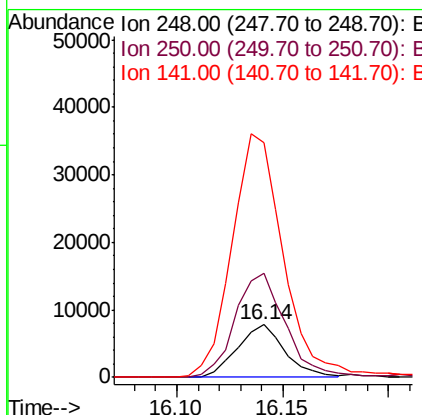
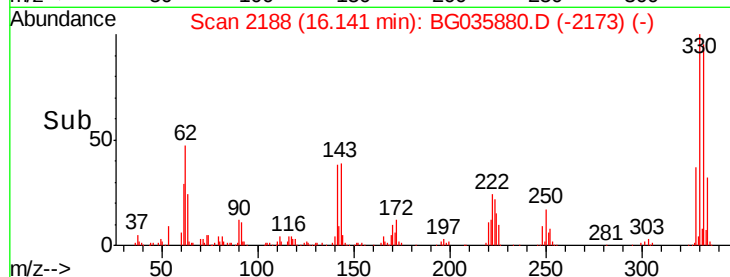
#66
 4-Bromophenyl-phenylether
 Concen: 3.188 ng
 RT: 16.14 min Scan# 2188
 Delta R.T. -0.44 min
 Lab File: BG035880.D
 Acq: 25 Jul 2018 19:08

Instrument :
 BNA_G
 ClientSampleId :
 TP-11-D

Tgt Ion: 248 Resp: 12130
 Ion Ratio Lower Upper
 248 100
 250 198.2 77.1 115.7#
 141 447.7 50.8 76.2#

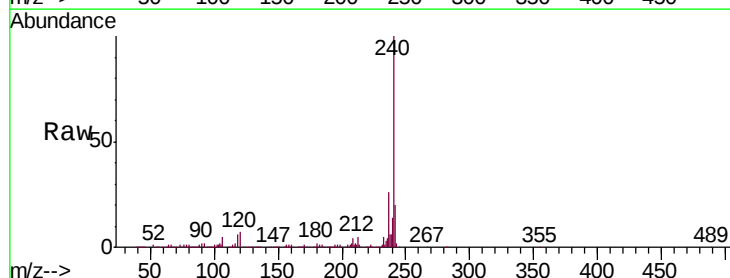


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

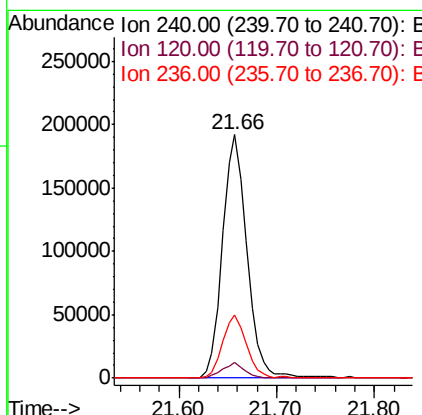
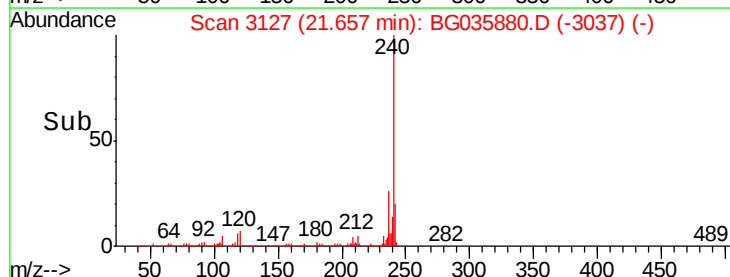


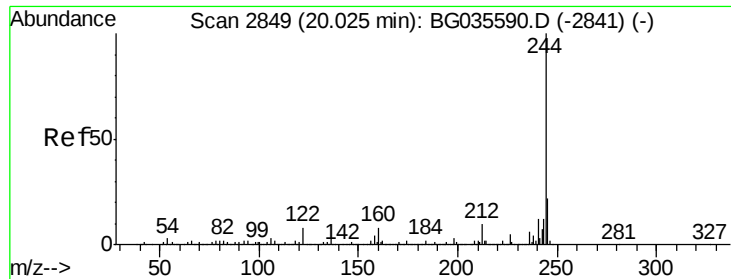
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.66 min Scan# 3127
 Delta R.T. -0.00 min
 Lab File: BG035880.D
 Acq: 25 Jul 2018 19:08

Tgt Ion: 240 Resp: 334411
 Ion Ratio Lower Upper
 240 100
 120 6.7 6.8 10.2#
 236 25.7 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





#78

Terphenyl-d14

Concen: 64.532 ng

RT: 20.00 min Scan# 2845

Delta R.T. -0.00 min

Lab File: BG035880.D

Acq: 25 Jul 2018 19:08

Instrument :

BNA_G

ClientSampleId :

TP-11-D

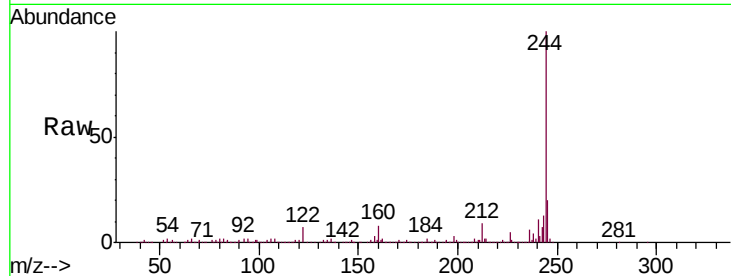
Tgt Ion:244 Resp: 979002

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

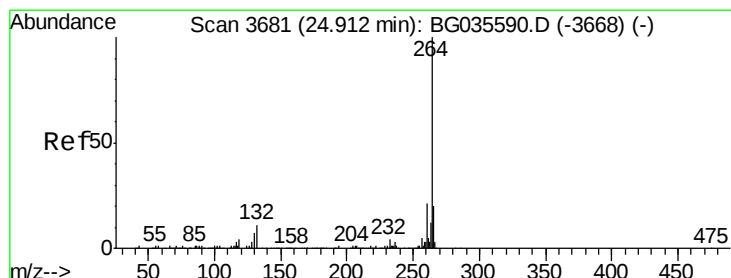
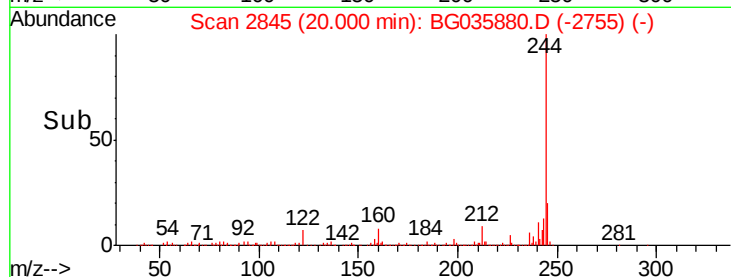
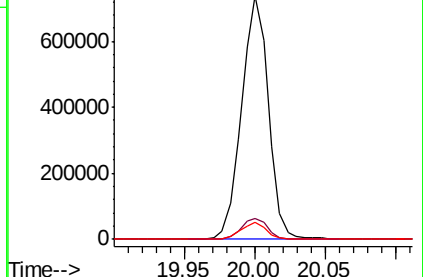
122 6.9 7.0 10.4#



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. -0.01 min

Lab File: BG035880.D

Acq: 25 Jul 2018 19:08

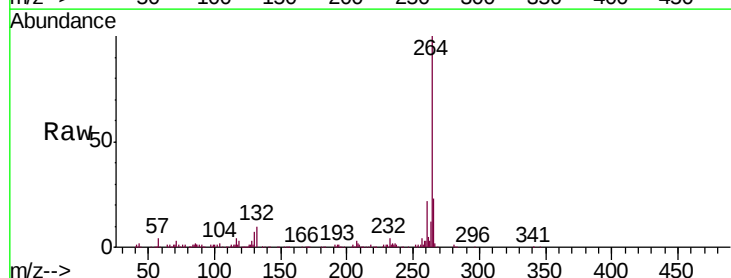
Tgt Ion:264 Resp: 321267

Ion Ratio Lower Upper

264 100

260 22.4 17.4 26.0

265 22.9 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

