

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072618\
 Data File : BG035917.D
 Acq On : 26 Jul 2018 20:30
 Operator : JU/SJ
 Sample : J4140-11
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EPE-F-8(145-147)

Quant Time: Jul 27 01:27:54 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

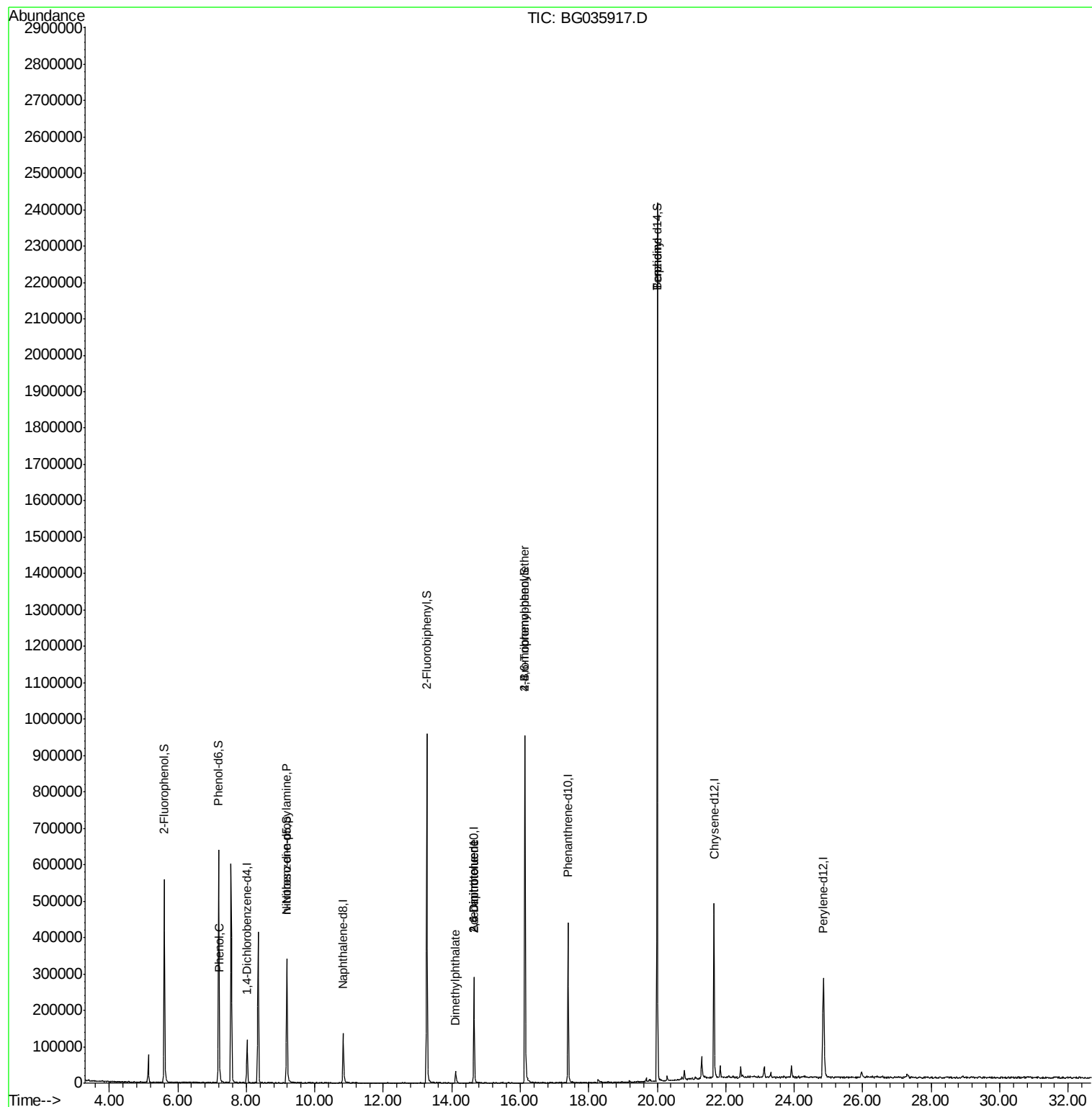
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	34609	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	128993	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	107577	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	307176	20.00	ng	0.00
75) Chrysene-d12	21.66	240	319875	20.00	ng	0.00
86) Perylene-d12	24.85	264	303332	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	260816	125.12	ng	0.00
7) Phenol-d6	7.19	99	397278	127.73	ng	0.00
23) Nitrobenzene-d5	9.19	82	241624	78.25	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	198324	139.87	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	573508	71.42	ng	0.00
78) Terphenyl-d14	20.00	244	1130304	77.89	ng	0.00
Target Compounds						
10) Phenol	7.22	94	14715	4.683	ng	# 77
19) n-Nitroso-di-n-propylamine	9.19	70	33439	12.768	ng	# 65
49) Dimethylphthalate	14.11	163	35640	3.781	ng	# 98
50) 2,6-Dinitrotoluene	14.65	165	13778	7.178	ng	# 18
56) 2,4-Dinitrotoluene	14.65	165	13778	5.004	ng	# 16
66) 4-Bromophenyl-phenylether	16.14	248	16951	4.756	ng	# 1
76) Benizidine	20.00	184	19131	2.275	ng	# 93

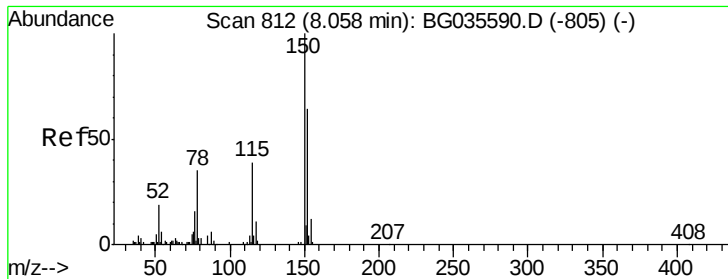
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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EPE-F-8(145-147)

Quant Time: Jul 27 01:27:54 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



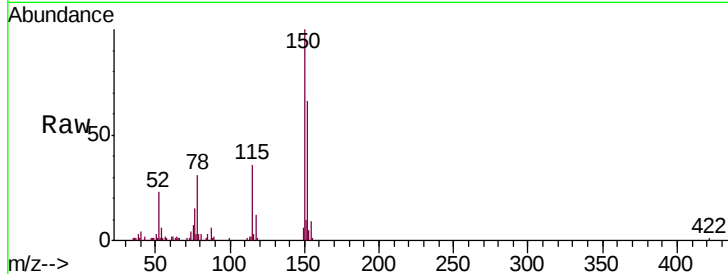


#1

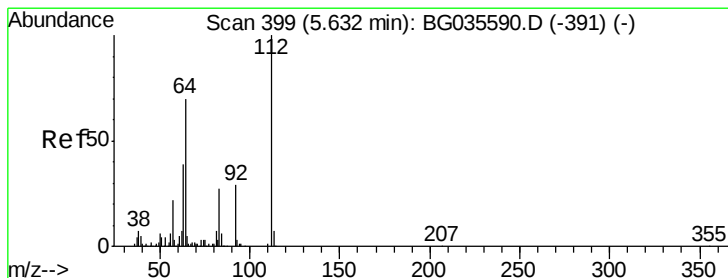
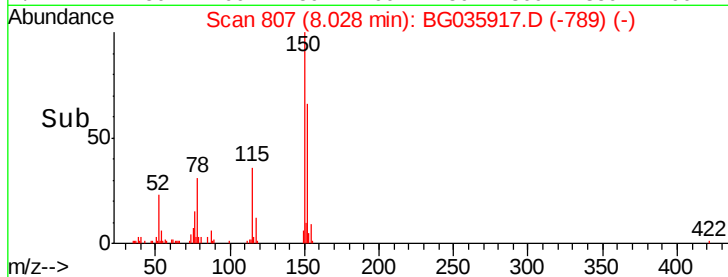
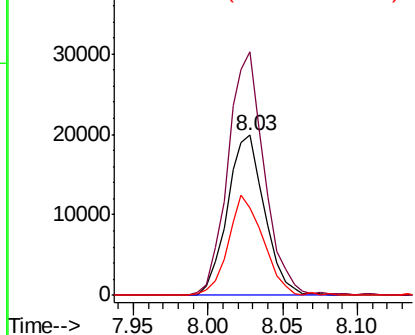
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. 0.00 min
Lab File: BG035917.D
Acq: 26 Jul 2018 20:30

Instrument :
BNA_G
ClientSampleId :
EPE-F-8(145-147)

Tgt Ion:152 Resp: 34609
Ion Ratio Lower Upper
152 100
150 152.1 126.6 189.8
115 54.7 53.0 79.4



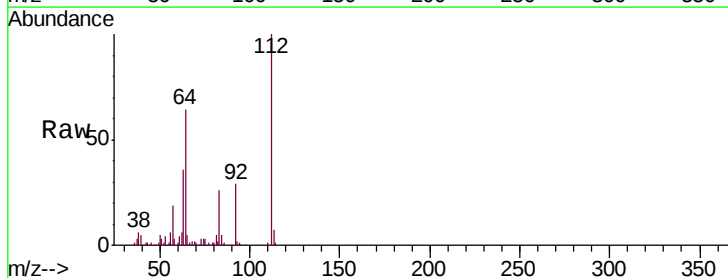
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



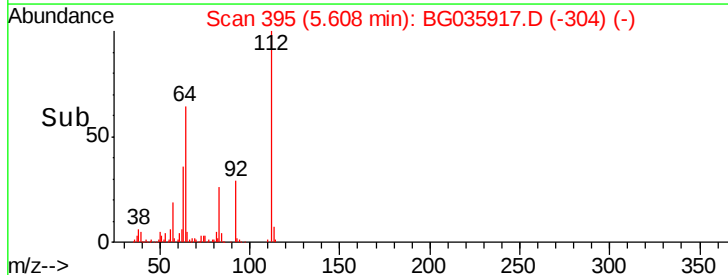
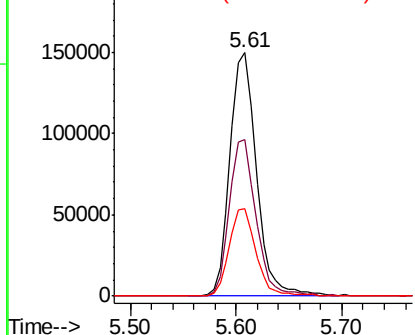
#5

2-Fluorophenol
Concen: 125.117 ng
RT: 5.61 min Scan# 395
Delta R.T. 0.00 min
Lab File: BG035917.D
Acq: 26 Jul 2018 20:30

Tgt Ion:112 Resp: 260816
Ion Ratio Lower Upper
112 100
64 64.4 56.3 84.5
63 35.9 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: 127.735 ng

RT: 7.19 min Scan# 665

Delta R.T. -0.00 min

Lab File: BG035917.D

Acq: 26 Jul 2018 20:30

Instrument :

BNA_G

ClientSampleId :

EPE-F-8(145-147)

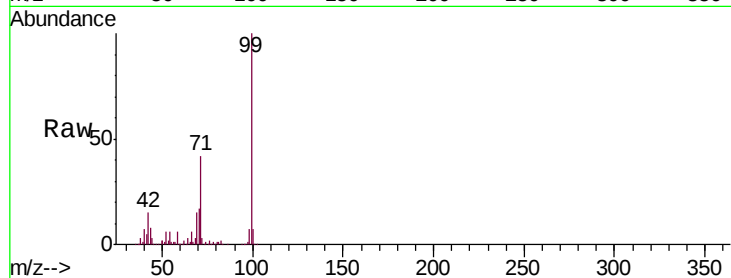
Tgt Ion: 99 Resp: 397278

Ion Ratio Lower Upper

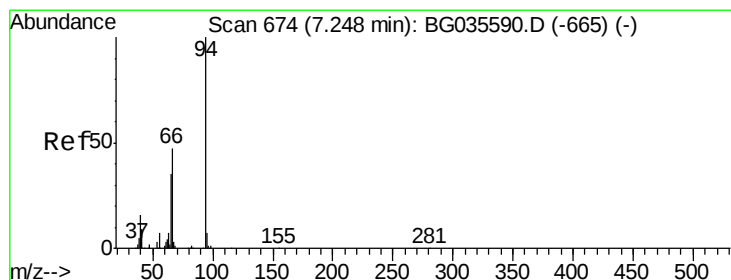
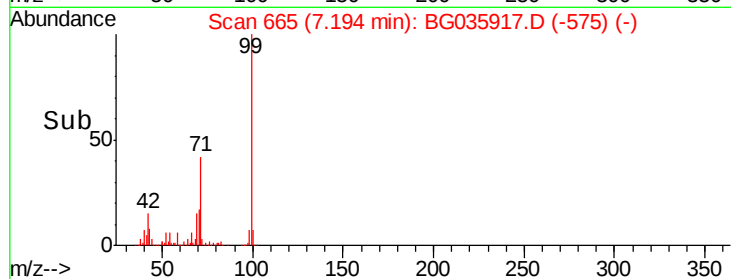
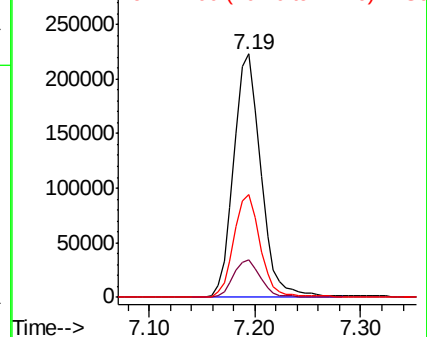
99 100

42 15.4 14.1 21.1

71 42.5 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



#10

Phenol

Concen: 4.683 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG035917.D

Acq: 26 Jul 2018 20:30

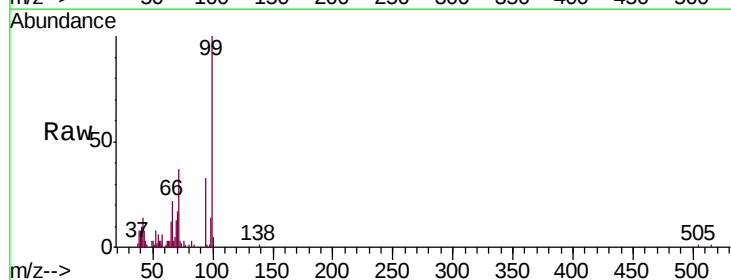
Tgt Ion: 94 Resp: 14715

Ion Ratio Lower Upper

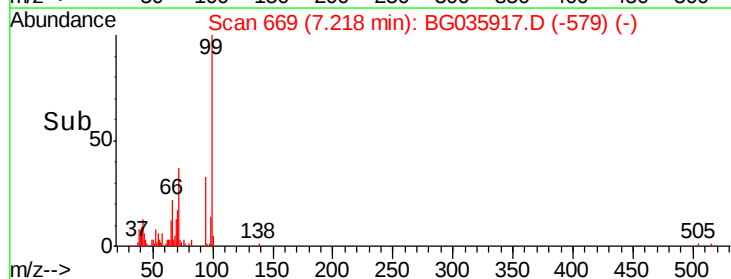
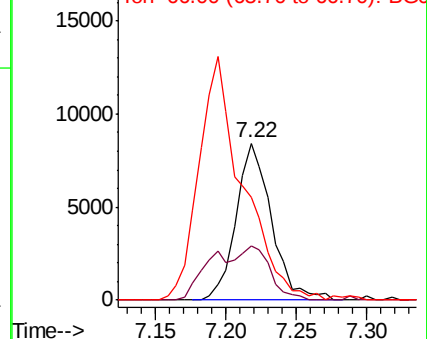
94 100

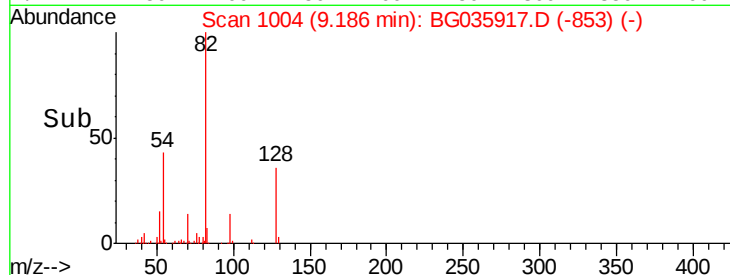
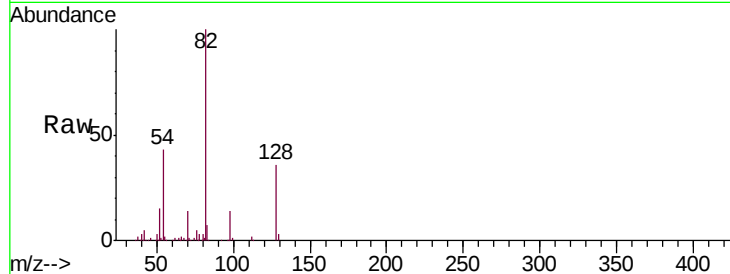
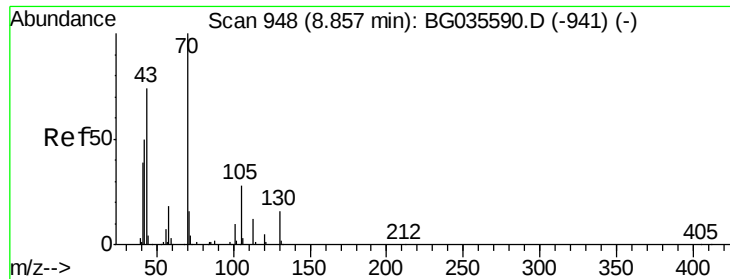
65 34.5 11.9 51.9

66 65.3 22.2 62.2#



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

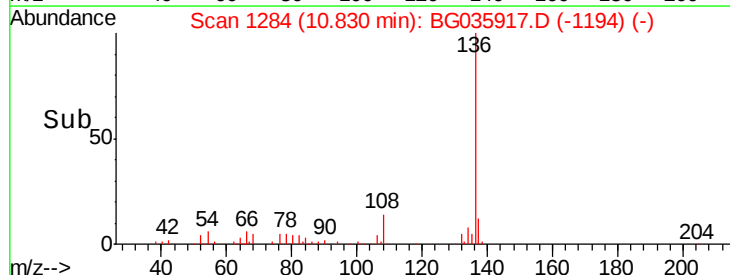
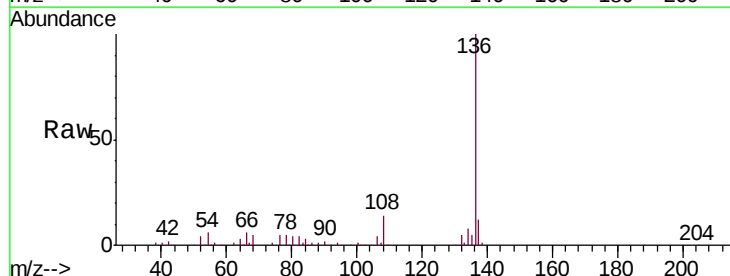
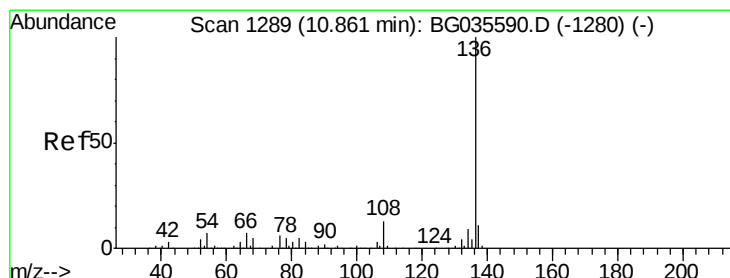
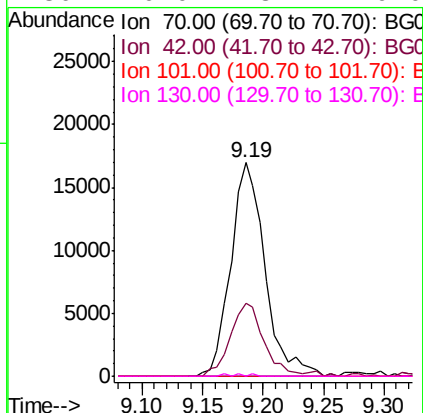




#19
n-Nitroso-di-n-propylamine
Concen: 12.768 ng
RT: 9.19 min Scan# 1004
Delta R.T. 0.36 min
Lab File: BG035917.D
Acq: 26 Jul 2018 20:30

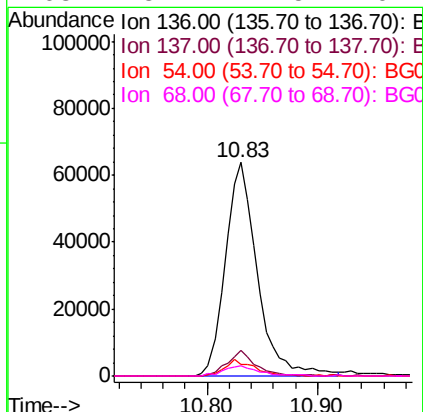
Instrument :
BNA_G
ClientSampleId :
EPE-F-8(145-147)

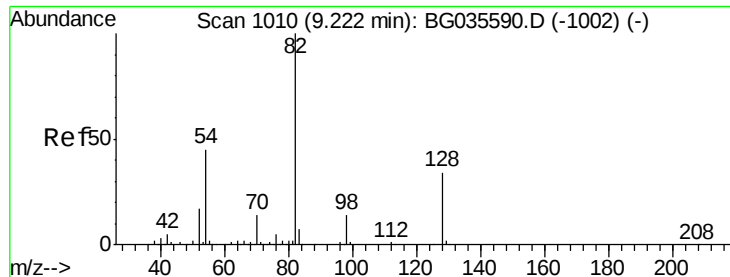
Tgt Ion: 70 Resp: 33439
Ion Ratio Lower Upper
70 100
42 34.2 49.1 73.7#
101 0.0 8.5 12.7#
130 0.0 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BG035917.D
Acq: 26 Jul 2018 20:30

Tgt Ion: 136 Resp: 128993
Ion Ratio Lower Upper
136 100
137 12.2 9.2 13.8
54 5.5 10.3 15.5#
68 5.1 4.5 6.7

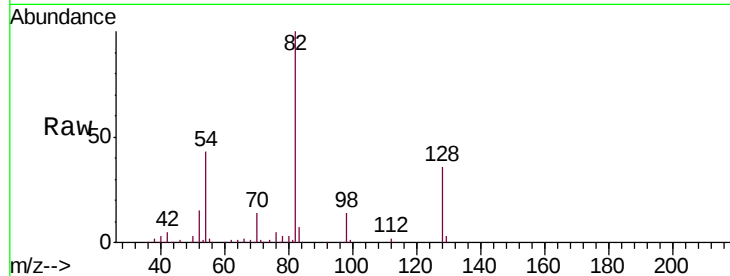




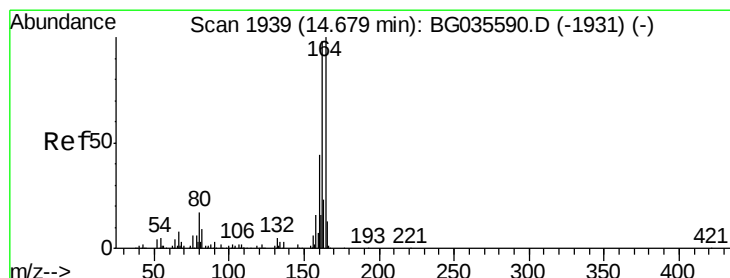
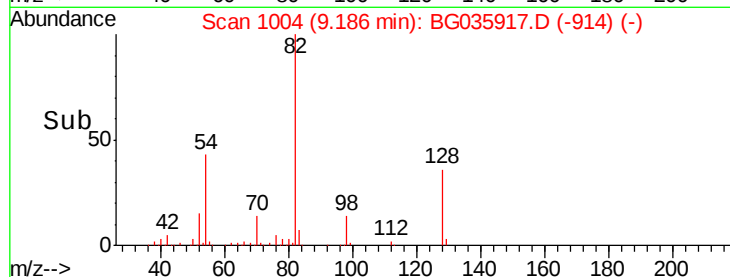
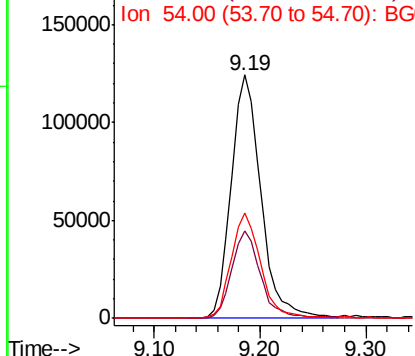
#23
Nitrobenzene-d5
Concen: 78.251 ng
RT: 9.19 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BG035917.D
Acq: 26 Jul 2018 20:30

Instrument :
BNA_G
ClientSampleId :
EPE-F-8(145-147)

Tgt Ion: 82 Resp: 241624
Ion Ratio Lower Upper
82 100
128 35.8 29.7 44.5
54 43.4 43.1 64.7

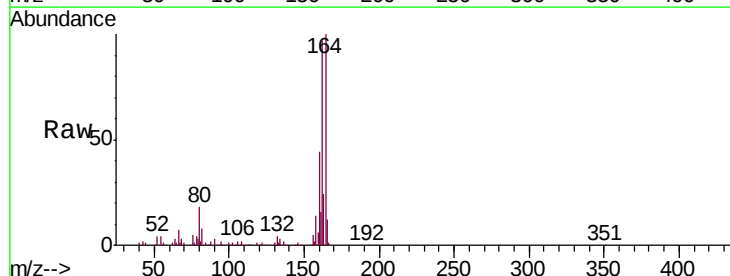


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

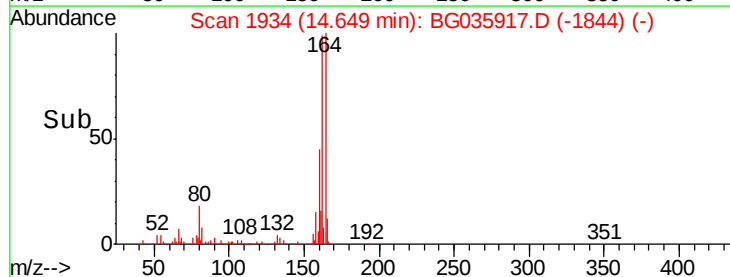
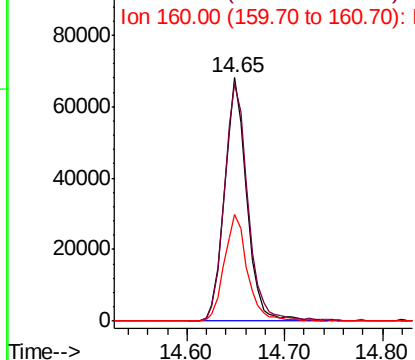


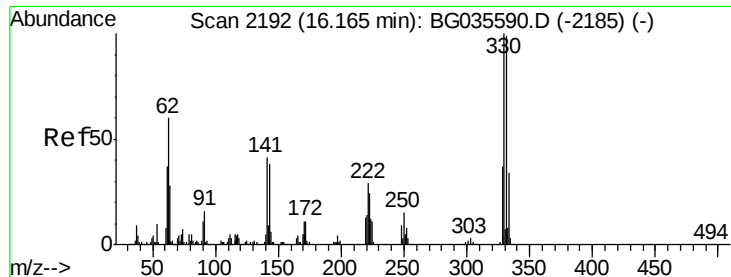
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1934
Delta R.T. -0.00 min
Lab File: BG035917.D
Acq: 26 Jul 2018 20:30

Tgt Ion: 164 Resp: 107577
Ion Ratio Lower Upper
164 100
162 97.3 78.8 118.2
160 44.0 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

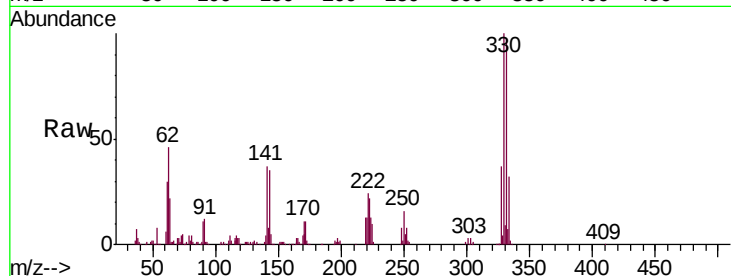




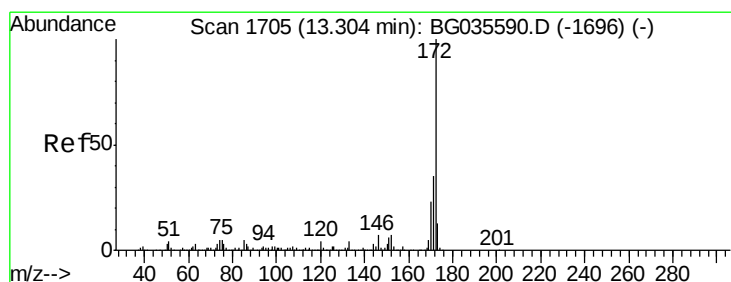
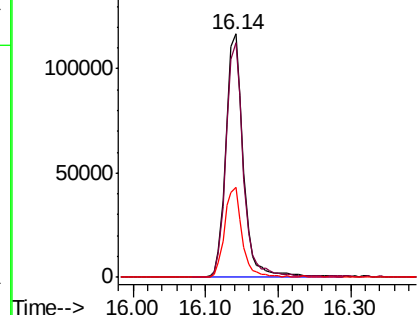
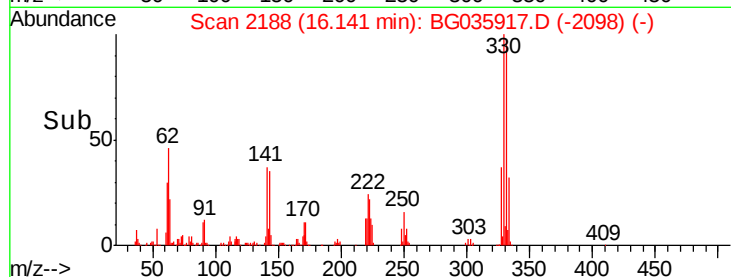
#41
 2,4,6-Tribromophenol
 Concen: 139.868 ng
 RT: 16.14 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: BG035917.D
 Acq: 26 Jul 2018 20:30

Instrument :
 BNA_G
 ClientSampleId :
 EPE-F-8(145-147)

Tgt Ion:330 Resp: 198324
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.0 115.6
 141 36.7 25.2 37.8

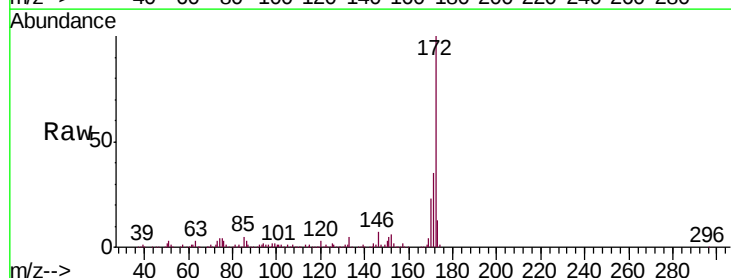


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

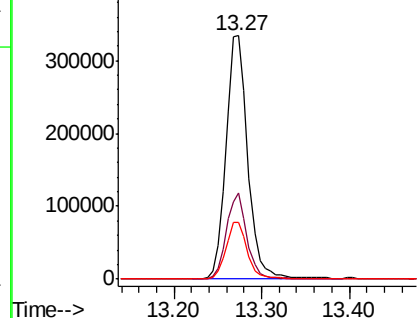
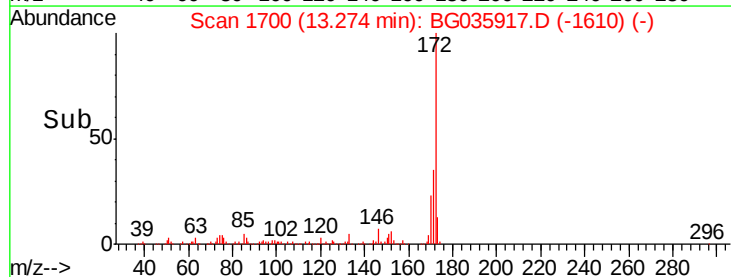


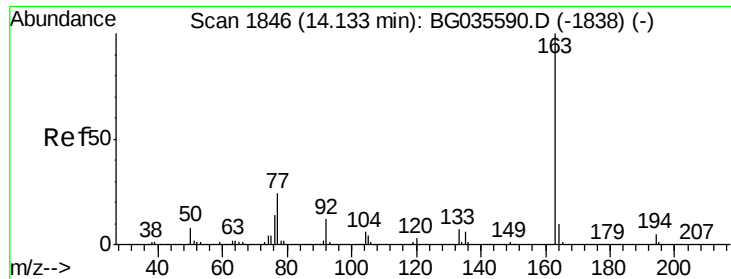
#44
 2-Fluorobiphenyl
 Concen: 71.423 ng
 RT: 13.27 min Scan# 1700
 Delta R.T. -0.00 min
 Lab File: BG035917.D
 Acq: 26 Jul 2018 20:30

Tgt Ion:172 Resp: 573508
 Ion Ratio Lower Upper
 172 100
 171 35.2 30.0 45.0
 170 23.1 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: 3.781 ng

RT: 14.11 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BG035917.D

Acq: 26 Jul 2018 20:30

Instrument :

BNA_G

ClientSampleId :

EPE-F-8(145-147)

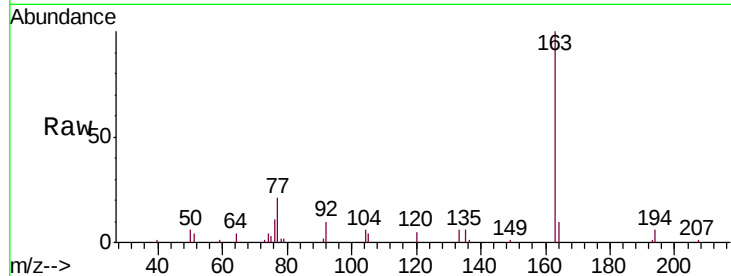
Tgt Ion:163 Resp: 35640

Ion Ratio Lower Upper

163 100

194 6.0 3.4 5.2#

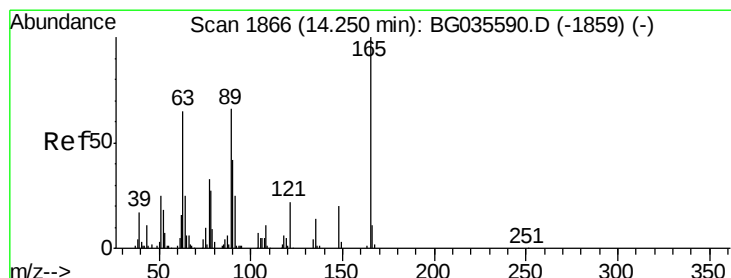
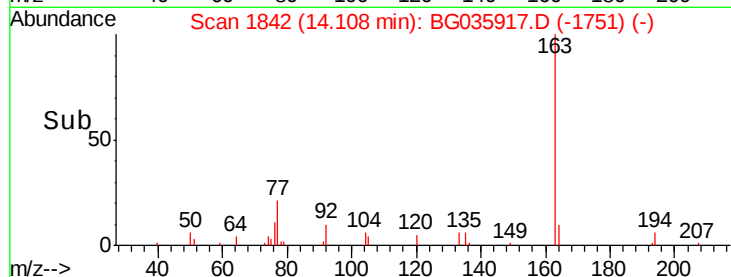
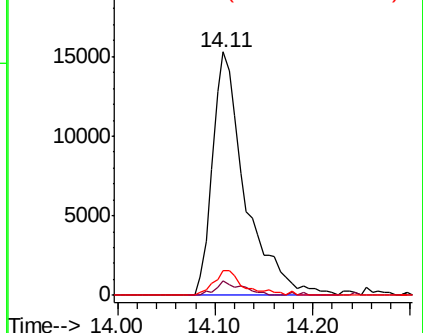
164 10.3 8.2 12.4



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: 7.178 ng

RT: 14.65 min Scan# 1934

Delta R.T. 0.42 min

Lab File: BG035917.D

Acq: 26 Jul 2018 20:30

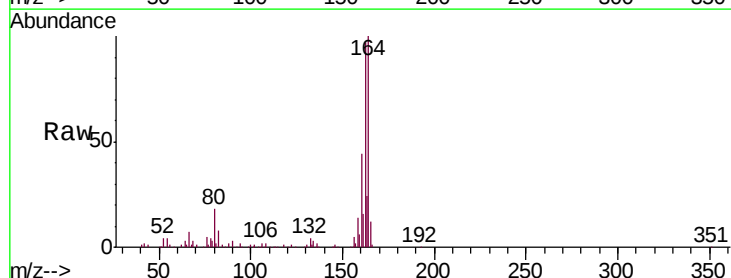
Tgt Ion:165 Resp: 13778

Ion Ratio Lower Upper

165 100

63 0.0 52.7 79.1#

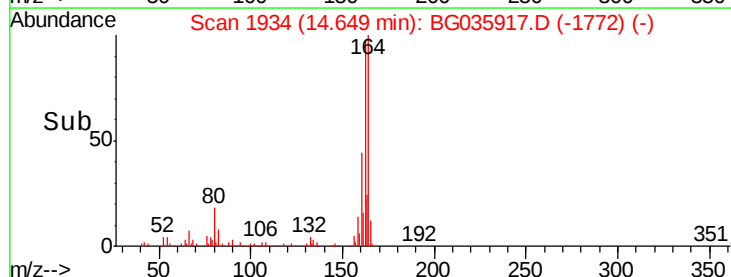
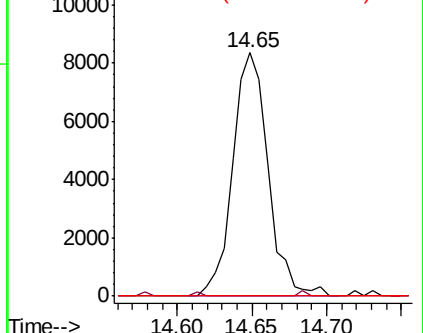
89 0.0 49.2 73.8#

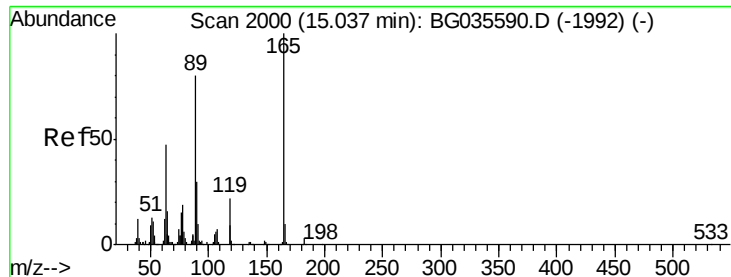


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

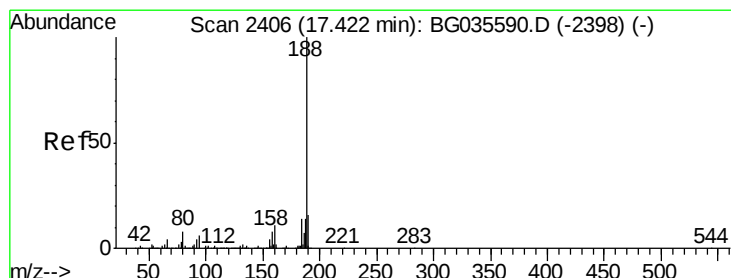
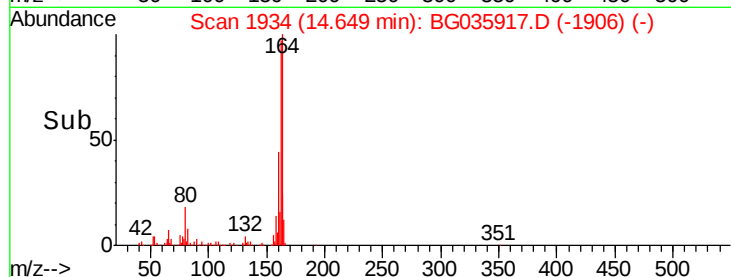
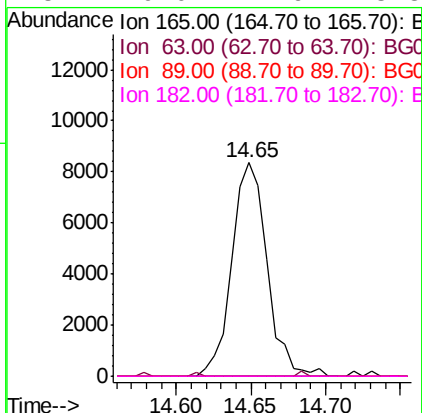
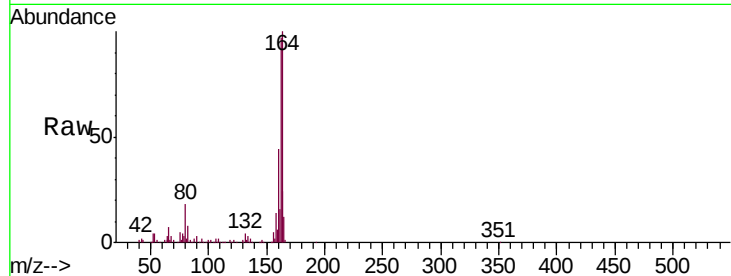




#56
 2,4-Dinitrotoluene
 Concen: 5.004 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. -0.37 min
 Lab File: BG035917.D
 Acq: 26 Jul 2018 20:30

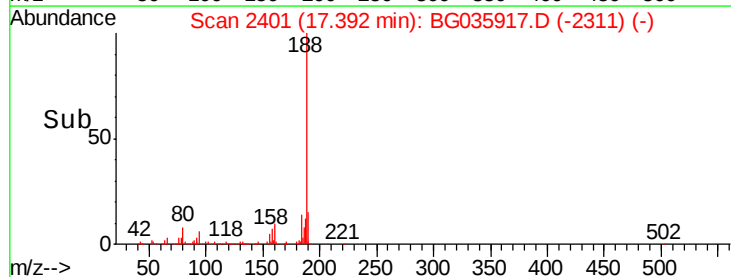
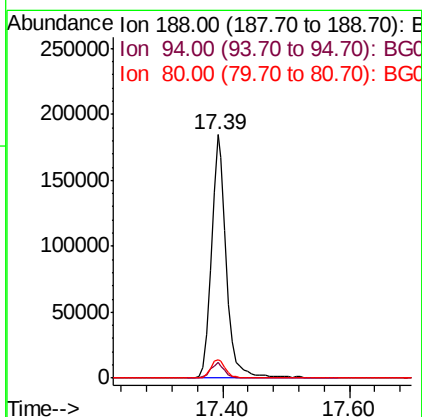
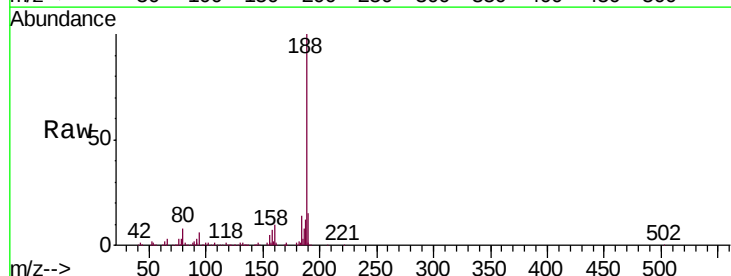
Instrument :
 BNA_G
 ClientSampleId :
 EPE-F-8(145-147)

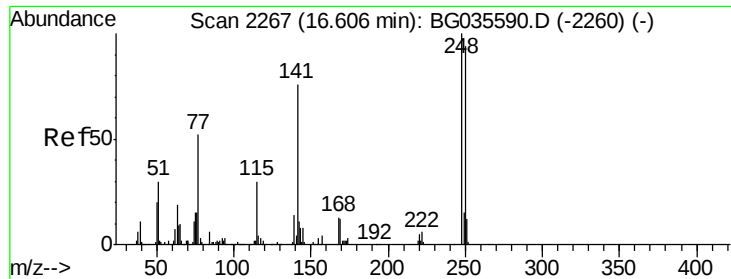
Tgt Ion:165 Resp: 13778
 Ion Ratio Lower Upper
 165 100
 63 0.0 42.0 63.0#
 89 0.0 66.9 100.3#
 182 0.0 2.6 3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.39 min Scan# 2401
 Delta R.T. -0.00 min
 Lab File: BG035917.D
 Acq: 26 Jul 2018 20:30

Tgt Ion:188 Resp: 307176
 Ion Ratio Lower Upper
 188 100
 94 6.3 6.9 10.3#
 80 7.8 7.7 11.5

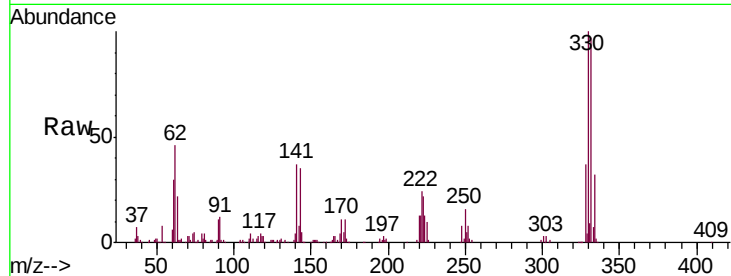




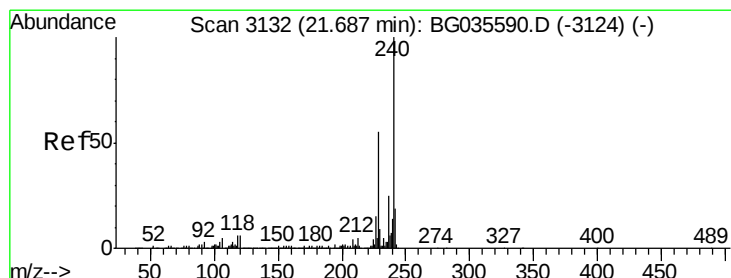
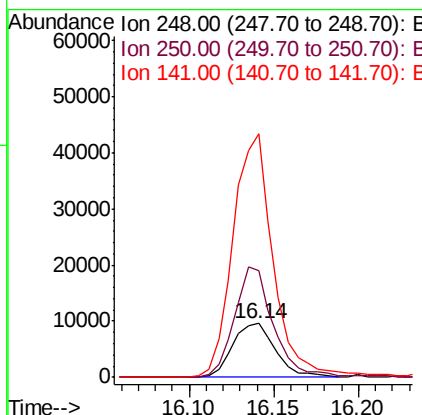
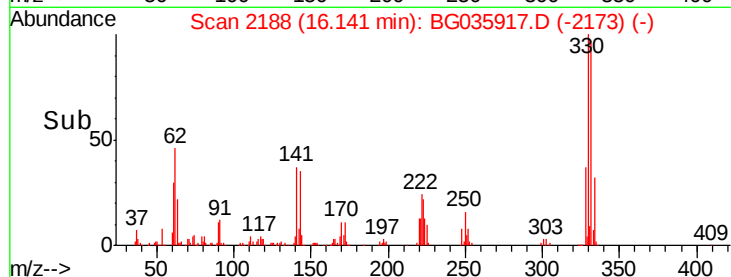
#66
 4-Bromophenyl-phenylether
 Concen: 4.756 ng
 RT: 16.14 min Scan# 2188
 Delta R.T. -0.44 min
 Lab File: BG035917.D
 Acq: 26 Jul 2018 20:30

Instrument :
 BNA_G
 ClientSampleId :
 EPE-F-8(145-147)

Tgt Ion:248 Resp: 16951
 Ion Ratio Lower Upper
 248 100
 250 197.7 77.1 115.7#
 141 450.9 50.8 76.2#

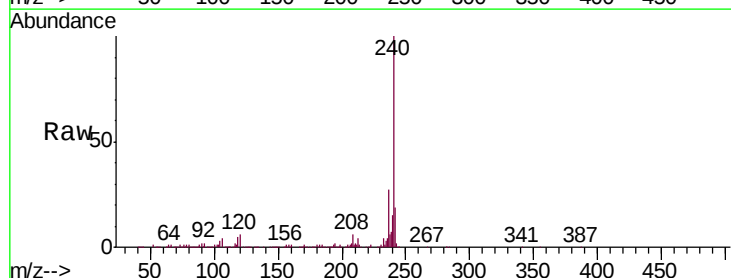


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

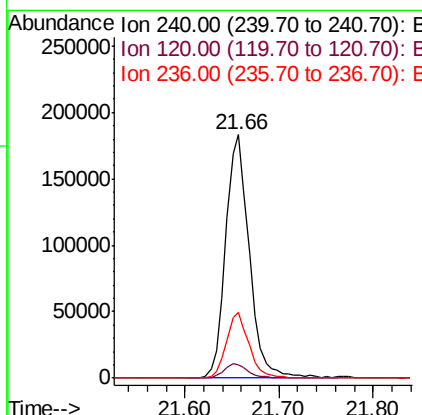
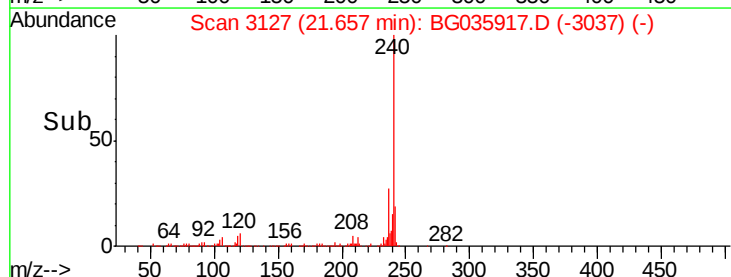


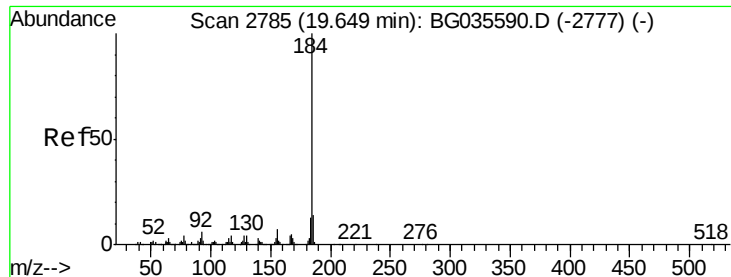
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.66 min Scan# 3127
 Delta R.T. -0.00 min
 Lab File: BG035917.D
 Acq: 26 Jul 2018 20:30

Tgt Ion:240 Resp: 319875
 Ion Ratio Lower Upper
 240 100
 120 5.7 6.8 10.2#
 236 26.7 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: 2.275 ng

RT: 20.00 min Scan# 2845

Delta R.T. 0.37 min

Lab File: BG035917.D

Acq: 26 Jul 2018 20:30

Instrument :

BNA_G

ClientSampleId :

EPE-F-8(145-147)

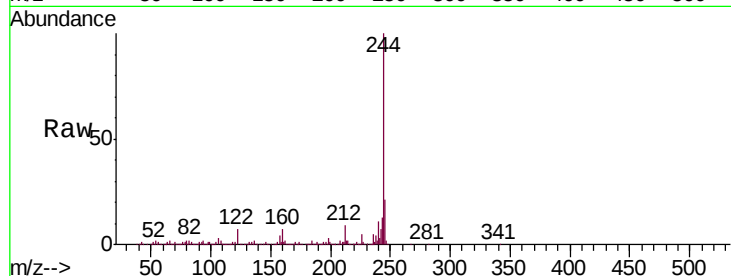
Tgt Ion:184 Resp: 19131

Ion Ratio Lower Upper

184 100

185 18.8 11.1 16.7#

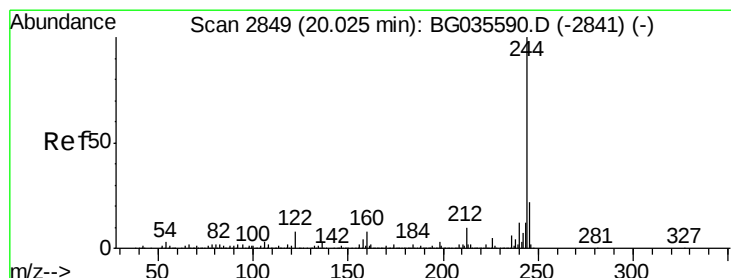
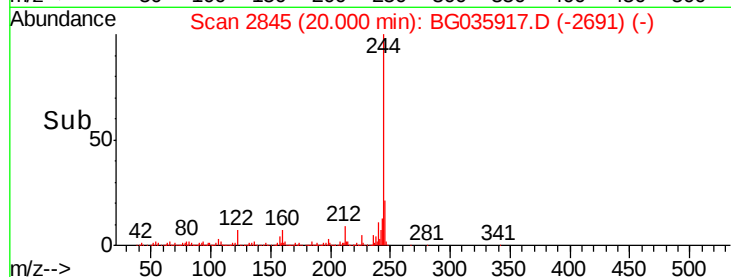
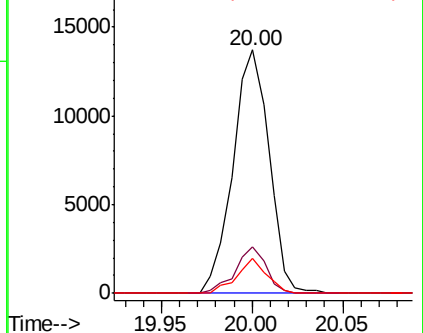
183 14.3 10.6 16.0



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: 77.891 ng

RT: 20.00 min Scan# 2845

Delta R.T. -0.00 min

Lab File: BG035917.D

Acq: 26 Jul 2018 20:30

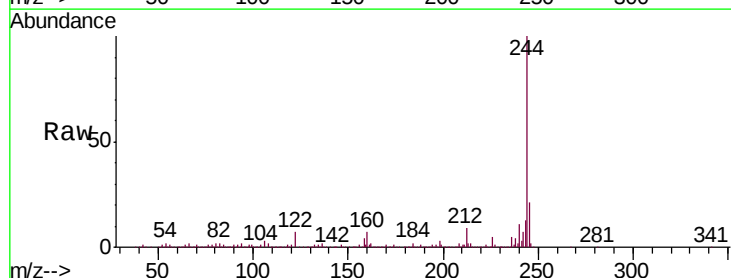
Tgt Ion:244 Resp: 1130304

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

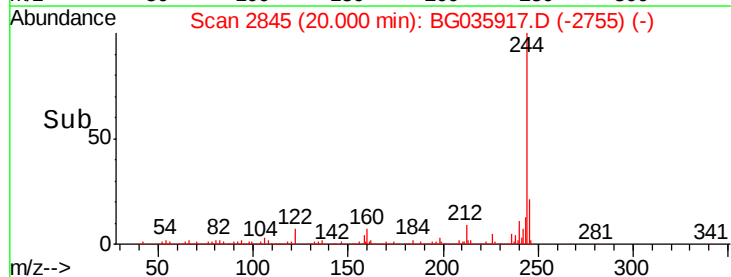
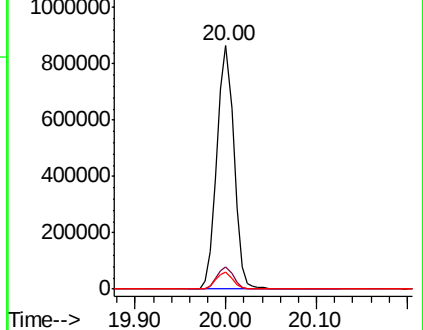
122 6.8 7.0 10.4#

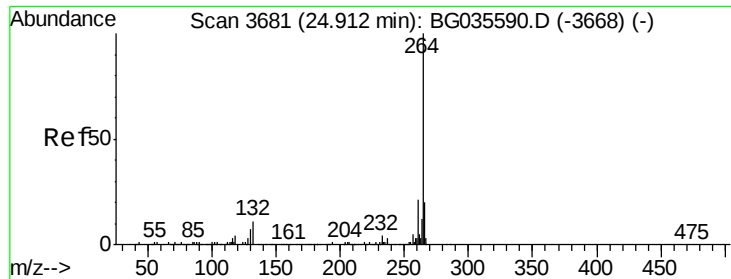


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

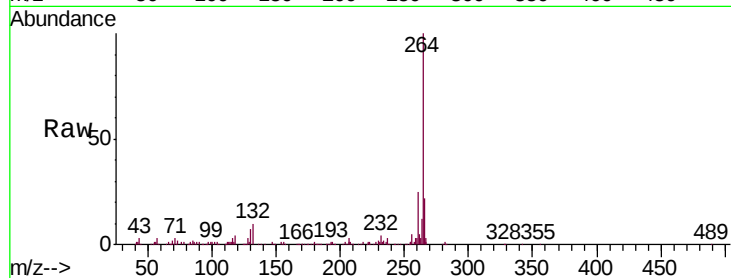




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.85 min Scan# 3671
Delta R.T. -0.01 min
Lab File: BG035917.D
Acq: 26 Jul 2018 20:30

Instrument :
BNA_G
ClientSampleId :
EPE-F-8(145-147)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.3	17.4	26.0
265	21.9	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

