

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072518\
 Data File : BG035887.D
 Acq On : 25 Jul 2018 23:41
 Operator : JU/SJ
 Sample : J4140-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EPE-F-8(130-132)

Quant Time: Jul 26 01:41:32 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

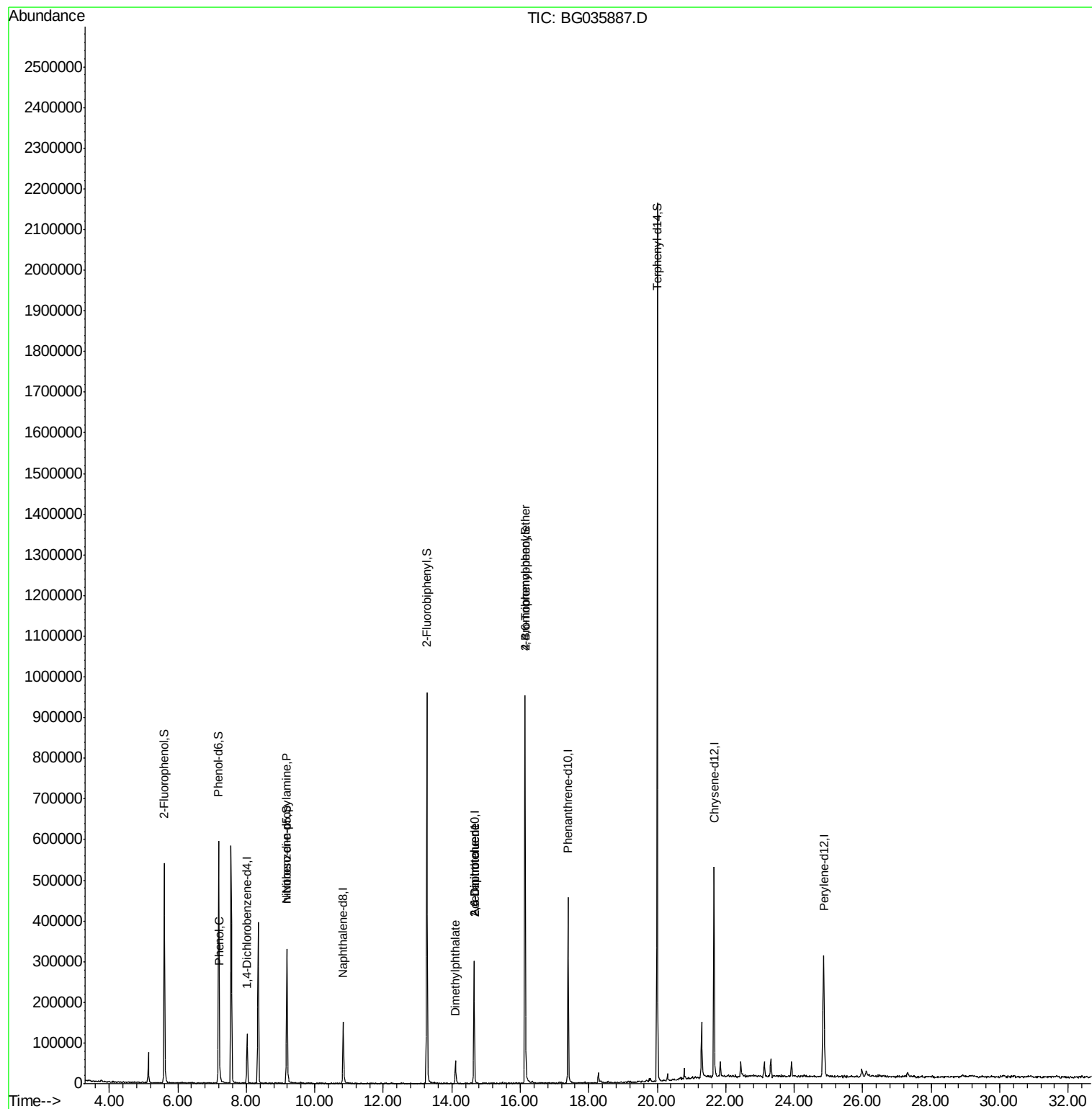
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	35067	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	138207	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	114211	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	319155	20.00	ng	0.00
75) Chrysene-d12	21.66	240	336506	20.00	ng	0.00
86) Perylene-d12	24.86	264	324278	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	246633	116.77	ng	0.00
7) Phenol-d6	7.19	99	375104	119.03	ng	0.00
23) Nitrobenzene-d5	9.19	82	237383	71.75	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	190013	126.22	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	560943	65.80	ng	0.00
78) Terphenyl-d14	20.00	244	1009384	66.12	ng	0.00
Target Compounds						
10) Phenol	7.22	94	15138	4.755	ng	# 81
19) n-Nitroso-di-n-propylamine	9.19	70	31237	11.771	ng	# 75
49) Dimethylphthalate	14.10	163	52222	5.219	ng	# 96
50) 2,6-Dinitrotoluene	14.65	165	15157	7.438	ng	# 20
56) 2,4-Dinitrotoluene	14.65	165	15157	5.185	ng	# 18
66) 4-Bromophenyl-phenylether	16.14	248	15304	4.133	ng	# 1

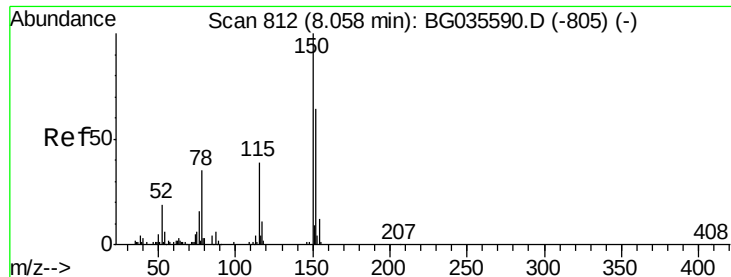
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072518\
Data File : BG035887.D
Acq On : 25 Jul 2018 23:41
Operator : JU/SJ
Sample : J4140-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EPE-F-8(130-132)

Quant Time: Jul 26 01:41:32 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



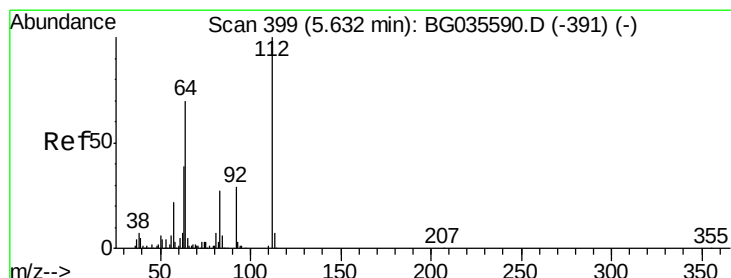
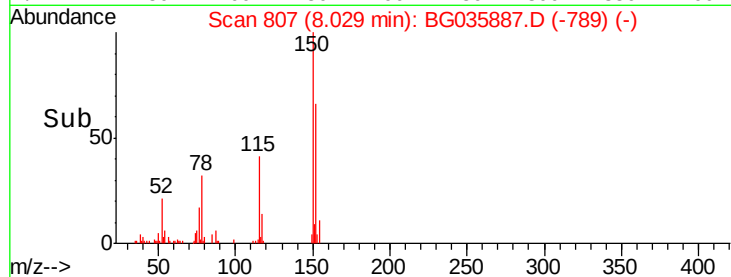
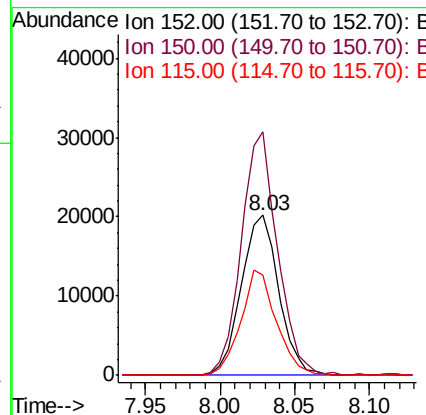
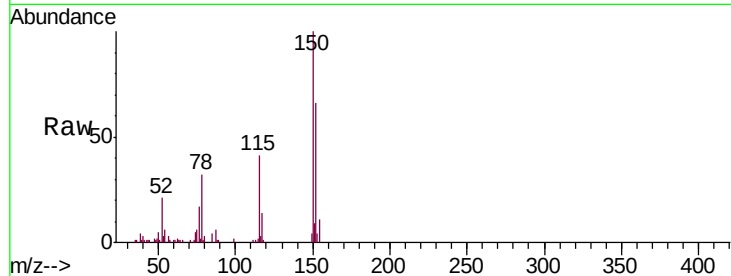


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. 0.00 min
Lab File: BG035887.D
Acq: 25 Jul 2018 23:41

Instrument :
BNA_G
ClientSampleId :
EPE-F-8(130-132)

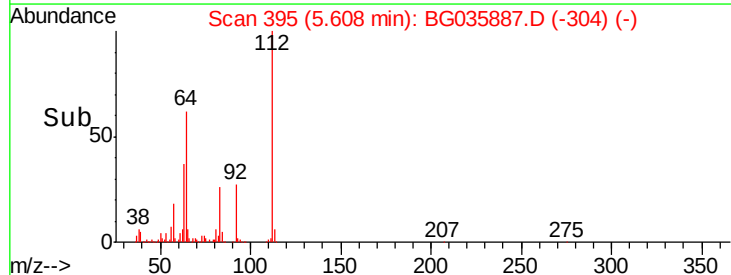
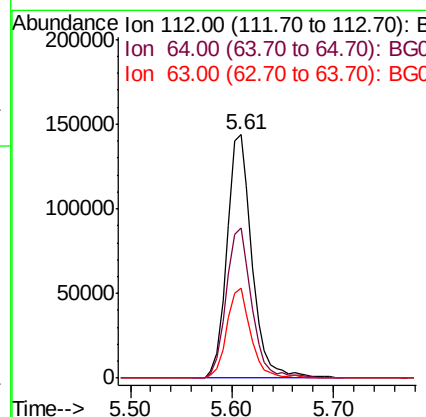
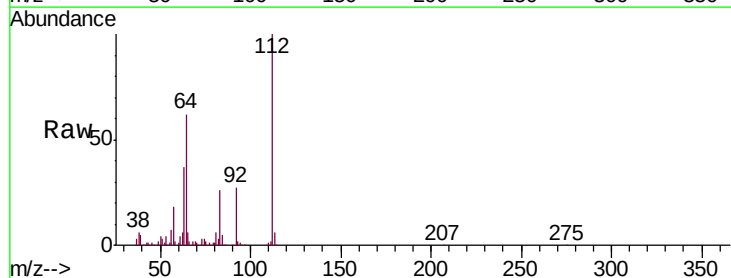
Tgt Ion	Ratio	Lower	Upper
152	100		
150	152.3	126.6	189.8
115	63.1	53.0	79.4

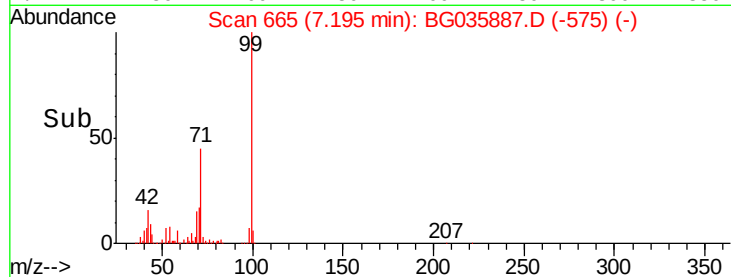
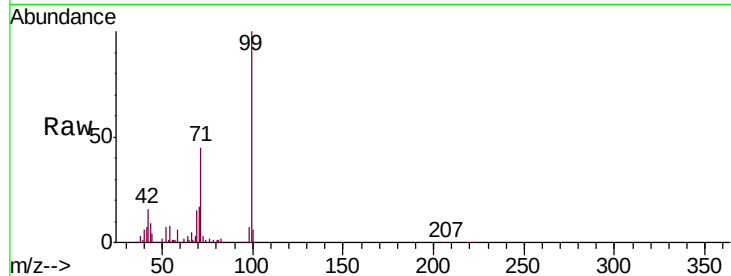
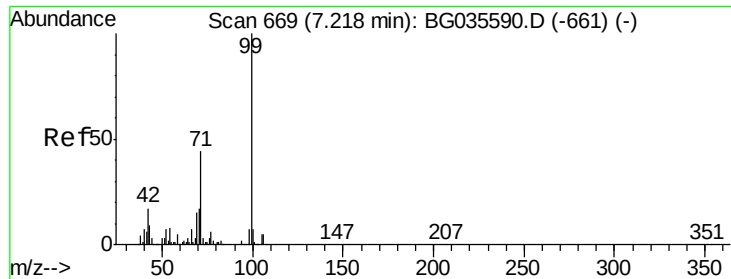


#5

2-Fluorophenol
Concen: 116.768 ng
RT: 5.61 min Scan# 395
Delta R.T. 0.00 min
Lab File: BG035887.D
Acq: 25 Jul 2018 23:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.8	56.3	84.5
63	36.7	30.1	45.1





#7

Phenol-d6

Concen: 119.030 ng

RT: 7.19 min Scan# 665

Delta R.T. -0.00 min

Lab File: BG035887.D

Acq: 25 Jul 2018 23:41

Instrument :

BNA_G

ClientSampleId :

EPE-F-8(130-132)

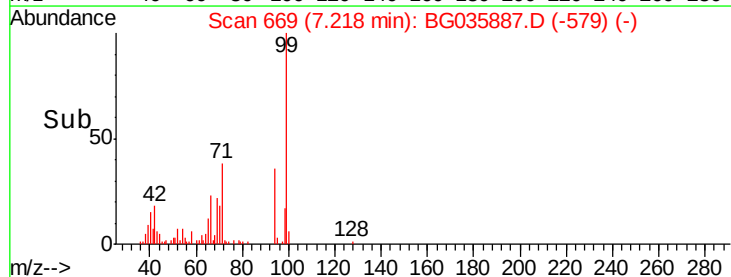
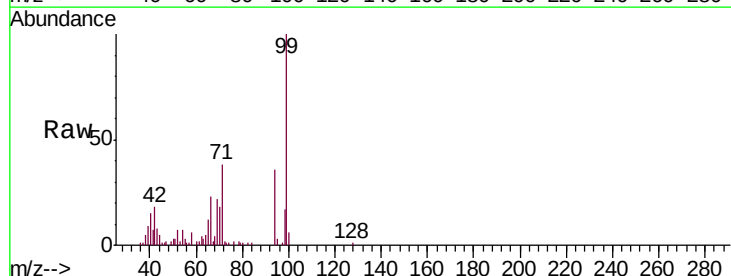
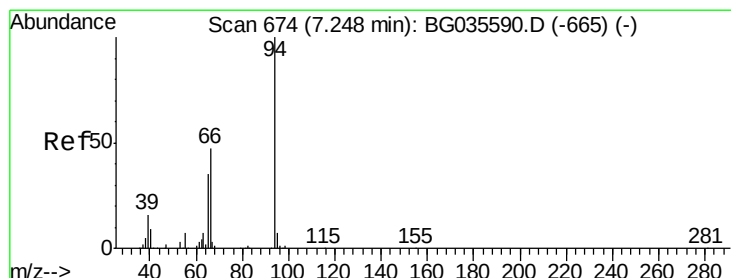
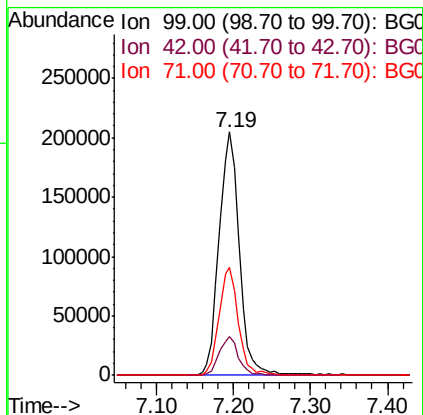
Tgt Ion: 99 Resp: 375104

Ion Ratio Lower Upper

99 100

42 15.7 14.1 21.1

71 44.5 26.1 39.1#



#10

Phenol

Concen: 4.755 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG035887.D

Acq: 25 Jul 2018 23:41

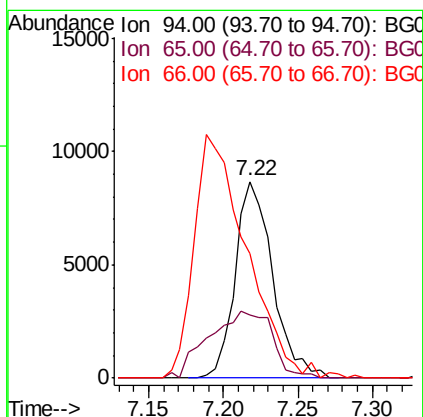
Tgt Ion: 94 Resp: 15138

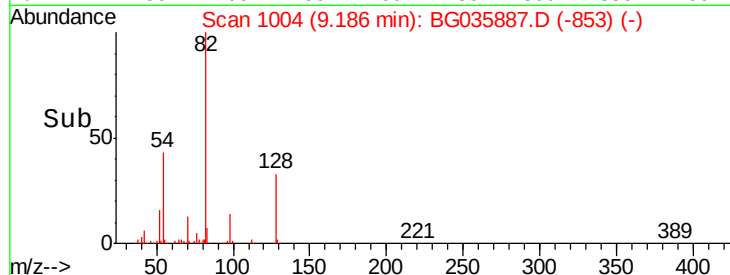
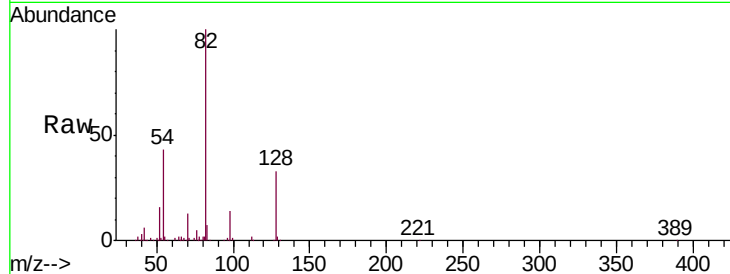
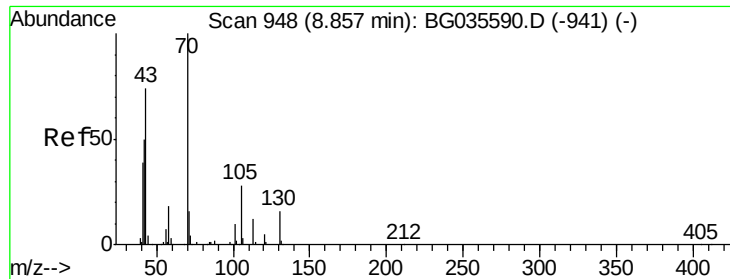
Ion Ratio Lower Upper

94 100

65 31.9 11.9 51.9

66 63.5 22.2 62.2#

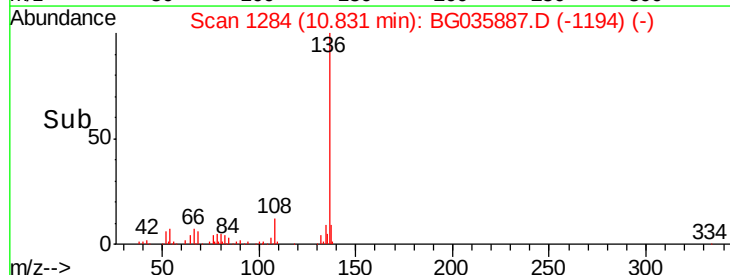
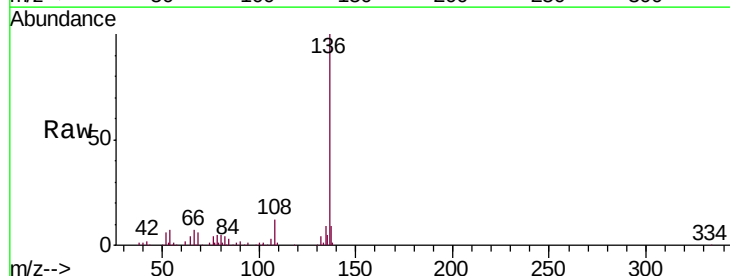
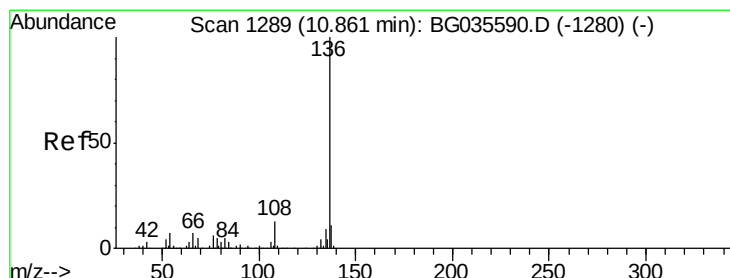
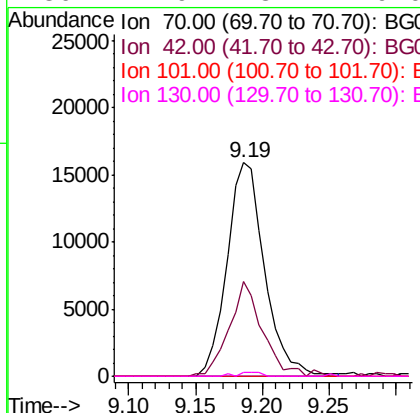




#19
n-Nitroso-di-n-propylamine
Concen: 11.771 ng
RT: 9.19 min Scan# 1004
Delta R.T. 0.36 min
Lab File: BG035887.D
Acq: 25 Jul 2018 23:41

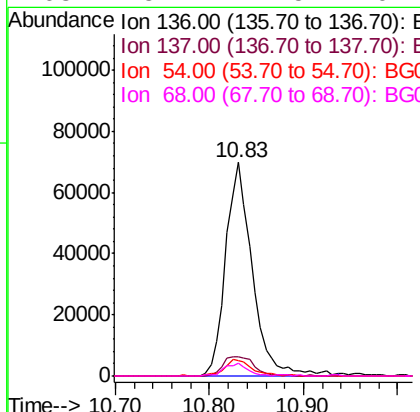
Instrument :
BNA_G
ClientSampleId :
EPE-F-8(130-132)

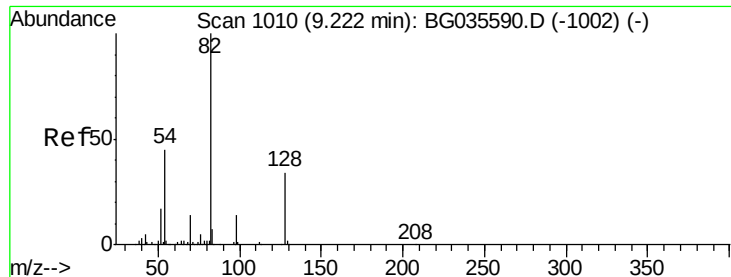
Tgt Ion: 70 Resp: 31237
Ion Ratio Lower Upper
70 100
42 44.1 49.1 73.7#
101 0.0 8.5 12.7#
130 1.9 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BG035887.D
Acq: 25 Jul 2018 23:41

Tgt Ion: 136 Resp: 138207
Ion Ratio Lower Upper
136 100
137 9.3 9.2 13.8
54 7.3 10.3 15.5#
68 5.7 4.5 6.7

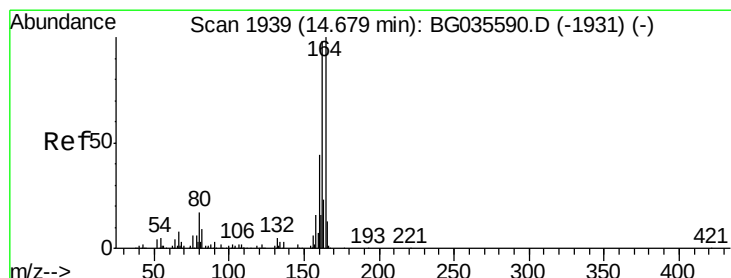
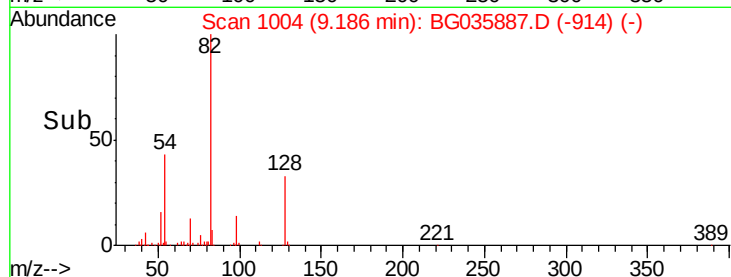
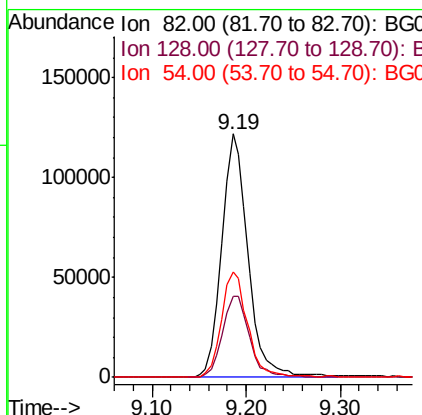
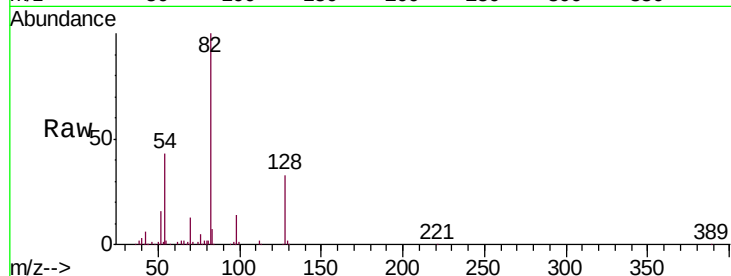




#23
 Nitrobenzene-d5
 Concen: 71.752 ng
 RT: 9.19 min Scan# 1004
 Delta R.T. -0.00 min
 Lab File: BG035887.D
 Acq: 25 Jul 2018 23:41

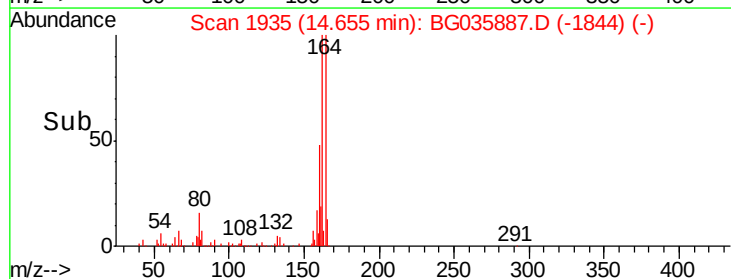
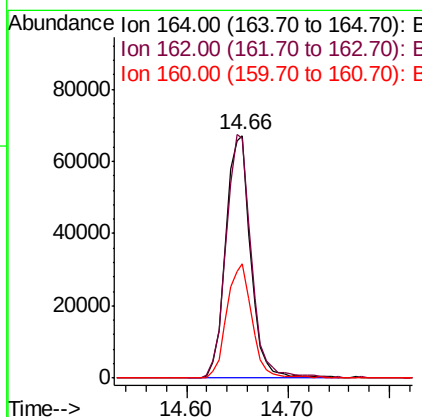
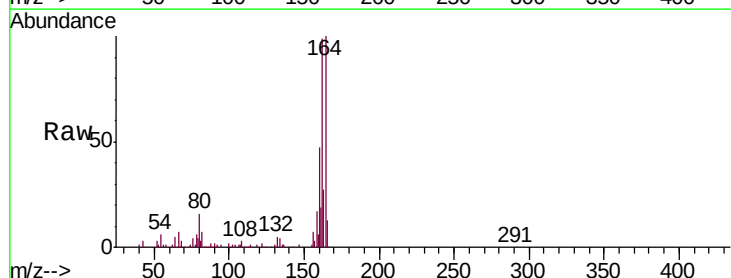
Instrument :
 BNA_G
 ClientSampleId :
 EPE-F-8(130-132)

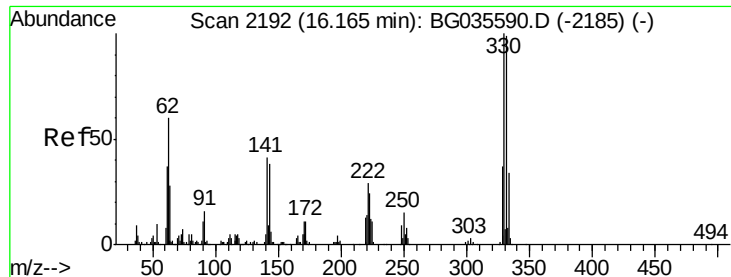
Tgt Ion: 82 Resp: 237383
 Ion Ratio Lower Upper
 82 100
 128 33.3 29.7 44.5
 54 43.2 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1935
 Delta R.T. 0.00 min
 Lab File: BG035887.D
 Acq: 25 Jul 2018 23:41

Tgt Ion: 164 Resp: 114211
 Ion Ratio Lower Upper
 164 100
 162 99.0 78.8 118.2
 160 47.2 35.4 53.0

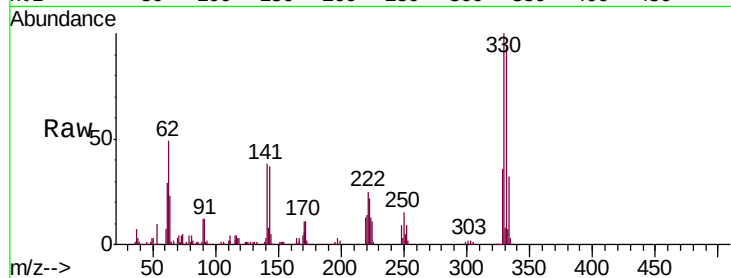




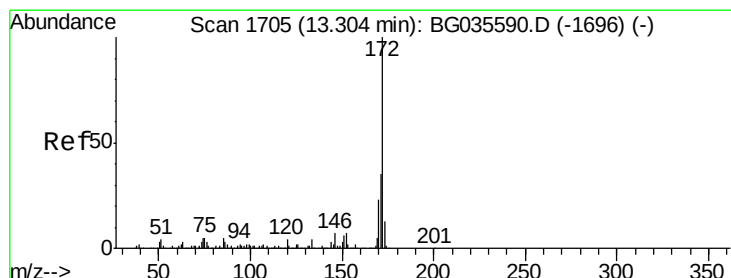
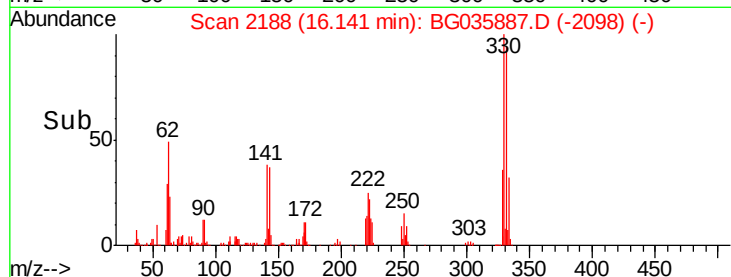
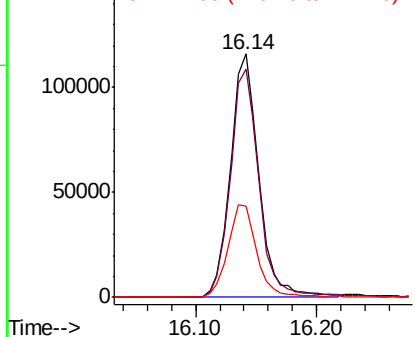
#41
 2,4,6-Tribromophenol
 Concen: 126.223 ng
 RT: 16.14 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: BG035887.D
 Acq: 25 Jul 2018 23:41

Instrument :
 BNA_G
 ClientSampleId :
 EPE-F-8(130-132)

Tgt Ion:330 Resp: 190013
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.0 115.6
 141 39.0 25.2 37.8#

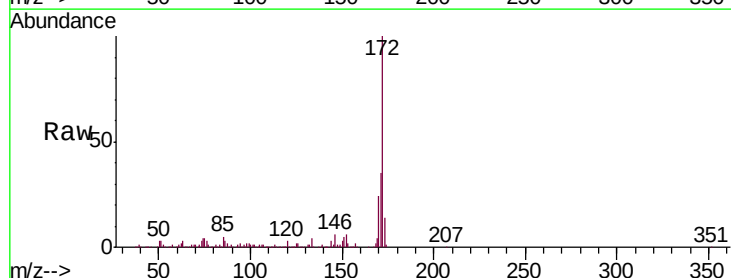


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

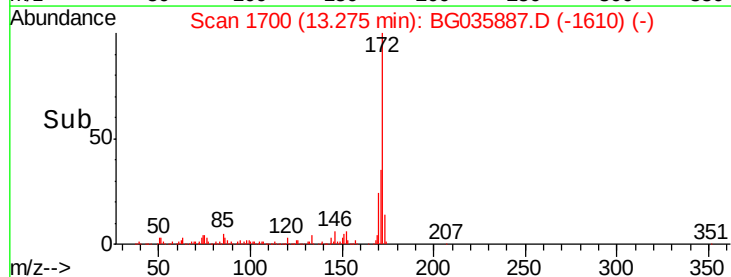
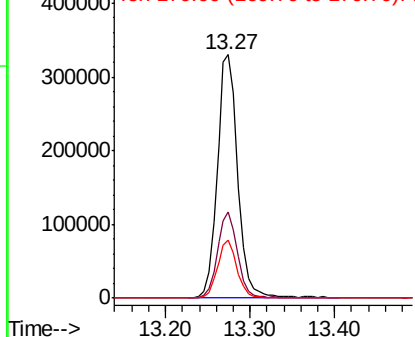


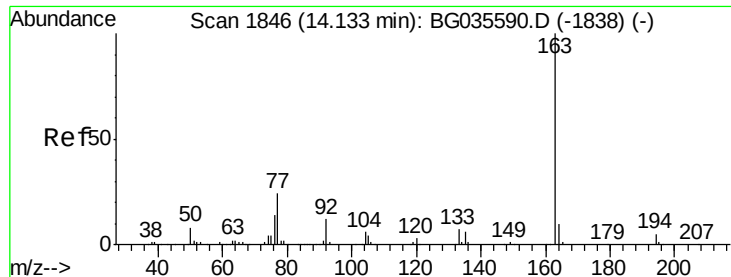
#44
 2-Fluorobiphenyl
 Concen: 65.801 ng
 RT: 13.27 min Scan# 1700
 Delta R.T. -0.00 min
 Lab File: BG035887.D
 Acq: 25 Jul 2018 23:41

Tgt Ion:172 Resp: 560943
 Ion Ratio Lower Upper
 172 100
 171 35.5 30.0 45.0
 170 24.0 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: 5.219 ng

RT: 14.10 min Scan# 1841

Delta R.T. -0.00 min

Lab File: BG035887.D

Acq: 25 Jul 2018 23:41

Instrument :

BNA_G

ClientSampleId :

EPE-F-8(130-132)

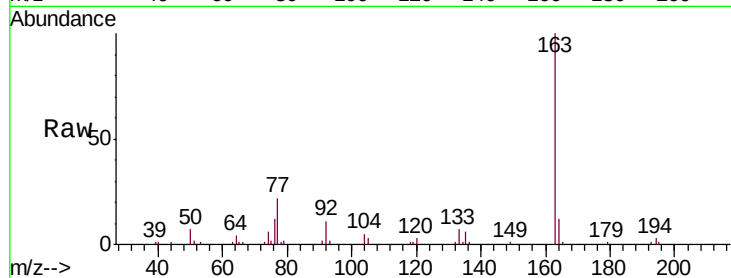
Tgt Ion:163 Resp: 52222

Ion Ratio Lower Upper

163 100

194 2.8 3.4 5.2#

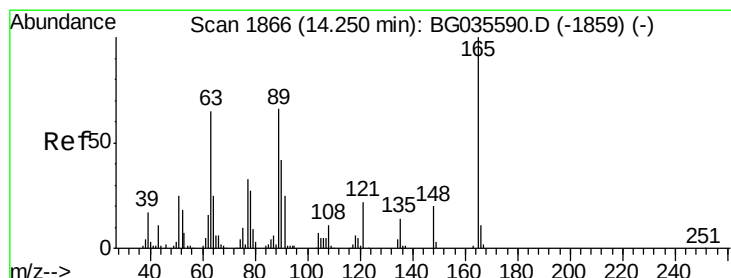
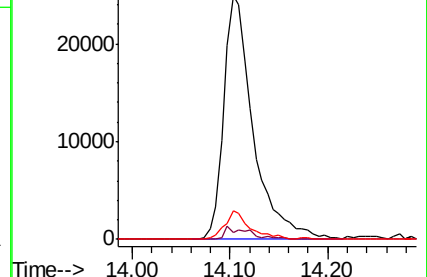
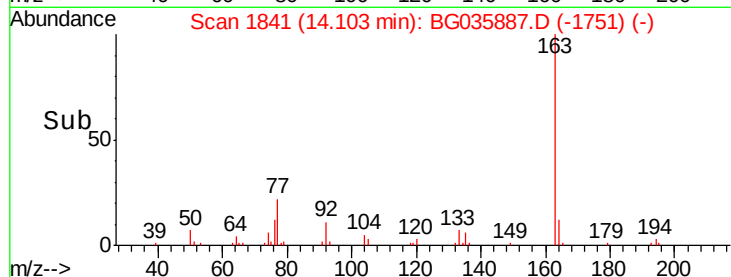
164 11.7 8.2 12.4



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: 7.438 ng

RT: 14.65 min Scan# 1934

Delta R.T. 0.42 min

Lab File: BG035887.D

Acq: 25 Jul 2018 23:41

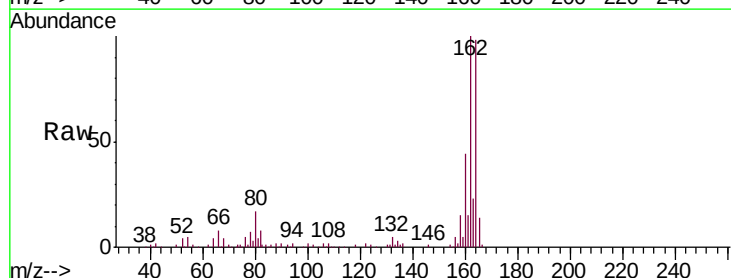
Tgt Ion:165 Resp: 15157

Ion Ratio Lower Upper

165 100

63 0.0 52.7 79.1#

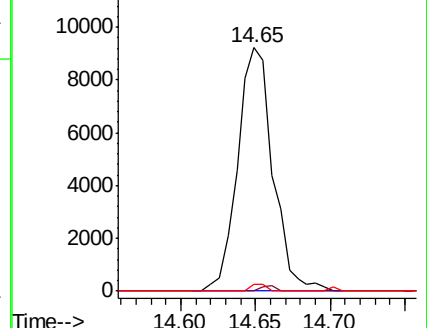
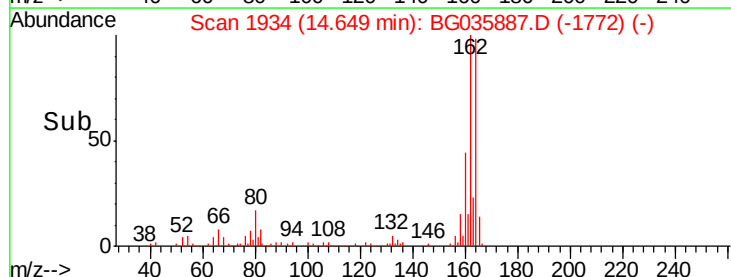
89 2.5 49.2 73.8#

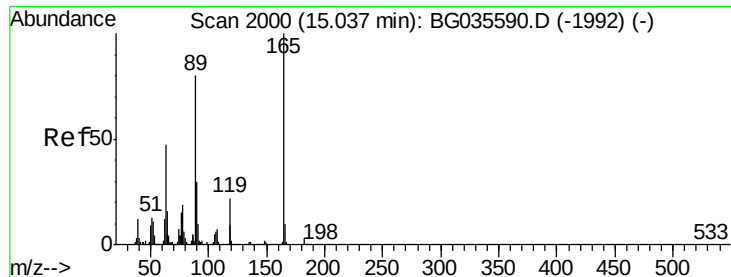


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

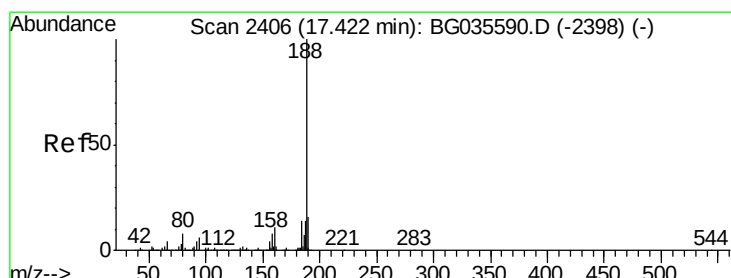
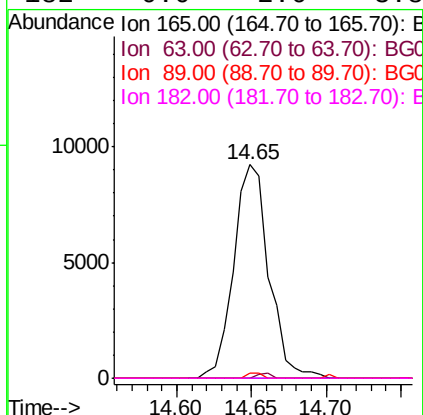
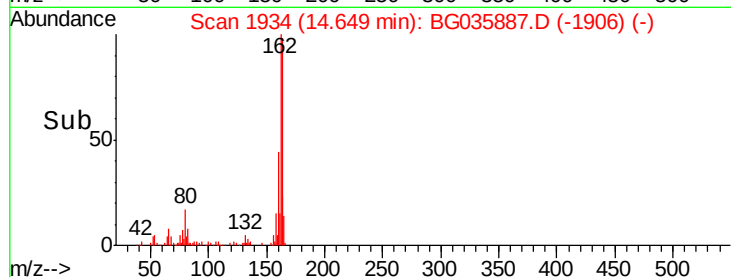
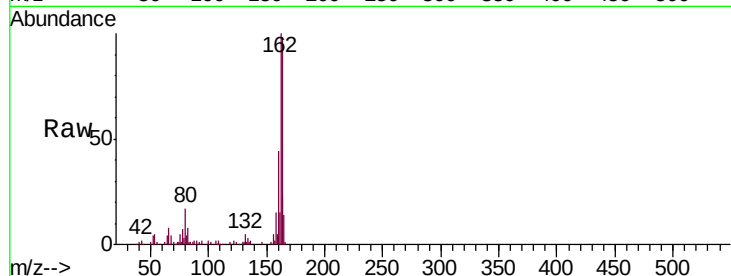




#56
 2,4-Dinitrotoluene
 Concen: 5.185 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. -0.37 min
 Lab File: BG035887.D
 Acq: 25 Jul 2018 23:41

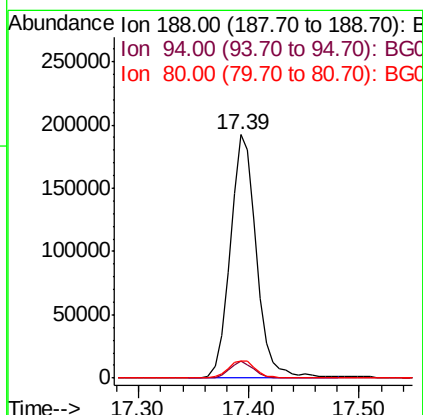
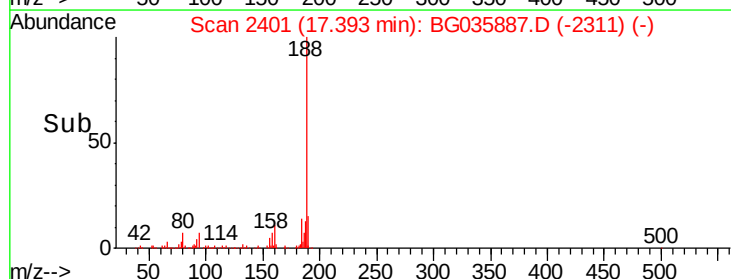
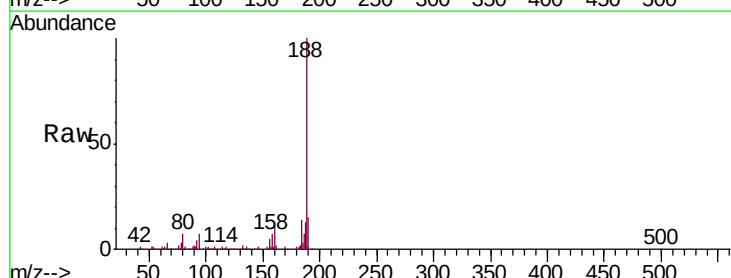
Instrument :
 BNA_G
 ClientSampleId :
 EPE-F-8(130-132)

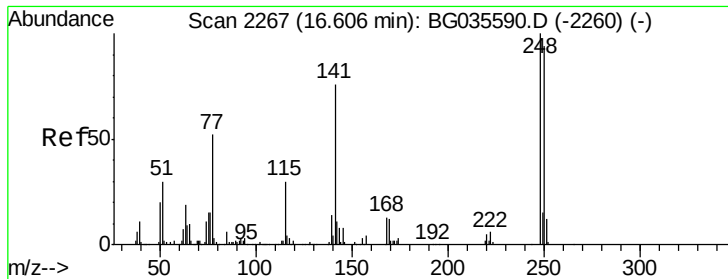
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	2.5	66.9	100.3#
182	0.0	2.6	3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.39 min Scan# 2401
 Delta R.T. -0.00 min
 Lab File: BG035887.D
 Acq: 25 Jul 2018 23:41

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.0	6.9	10.3
80	7.0	7.7	11.5#





#66

4-Bromophenyl-phenylether

Concen: 4.133 ng

RT: 16.14 min Scan# 2188

Delta R.T. -0.44 min

Lab File: BG035887.D

Acq: 25 Jul 2018 23:41

Instrument :

BNA_G

ClientSampleId :

EPE-F-8(130-132)

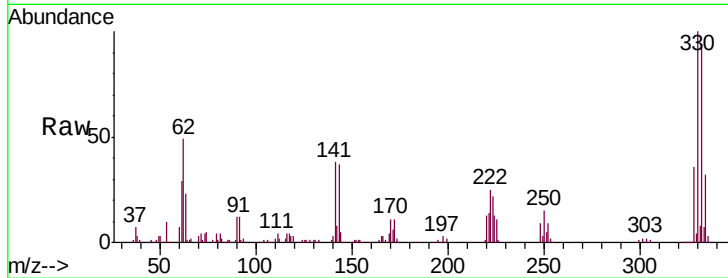
Tgt Ion:248 Resp: 15304

Ion Ratio Lower Upper

248 100

250 178.5 77.1 115.7#

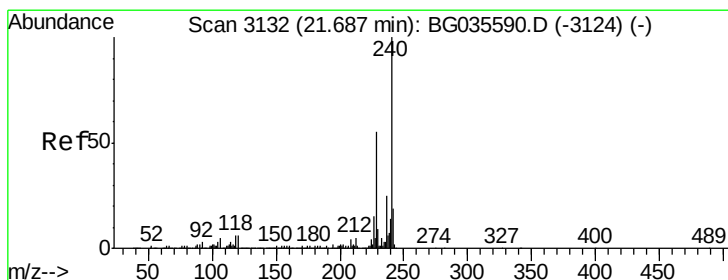
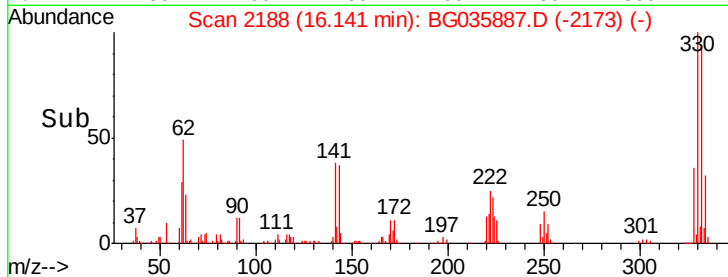
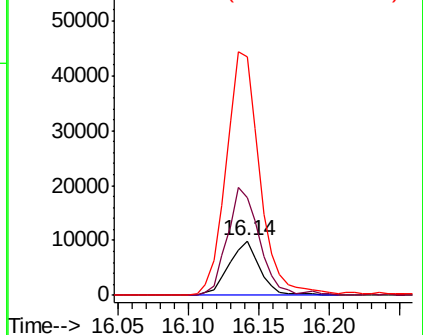
141 436.3 50.8 76.2#



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: BG035887.D

Acq: 25 Jul 2018 23:41

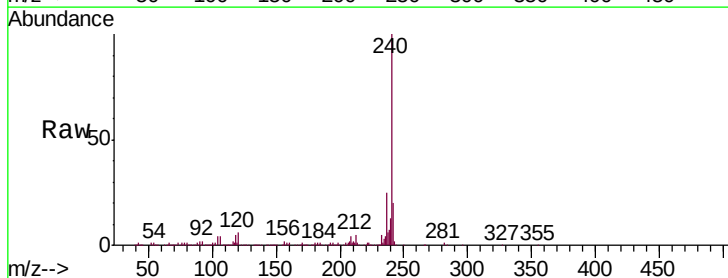
Tgt Ion:240 Resp: 336506

Ion Ratio Lower Upper

240 100

120 6.2 6.8 10.2#

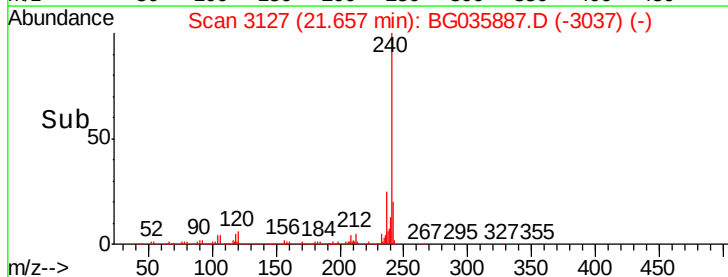
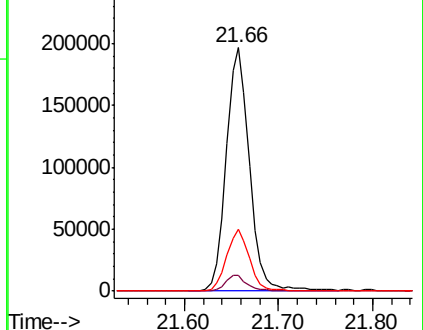
236 25.5 20.9 31.3

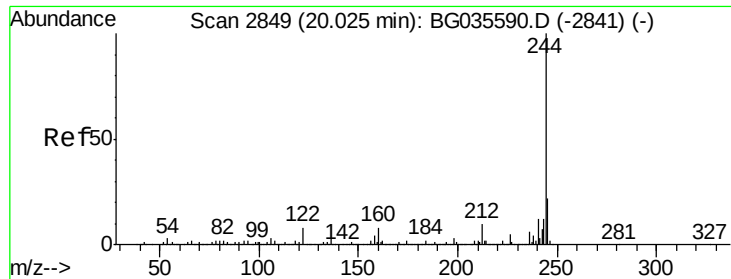


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 66.120 ng

RT: 20.00 min Scan# 2845

Delta R.T. -0.00 min

Lab File: BG035887.D

Acq: 25 Jul 2018 23:41

Instrument :

BNA_G

ClientSampleId :

EPE-F-8(130-132)

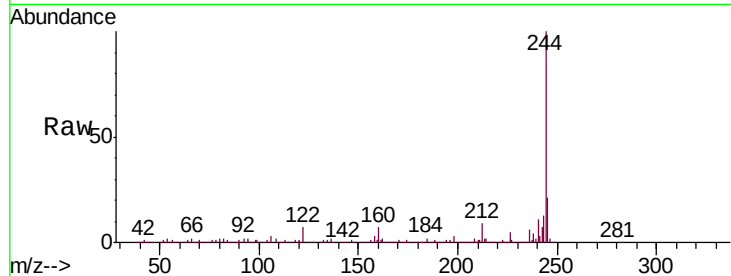
Tgt Ion:244 Resp: 1009384

Ion Ratio Lower Upper

244 100

212 9.1 5.8 8.8#

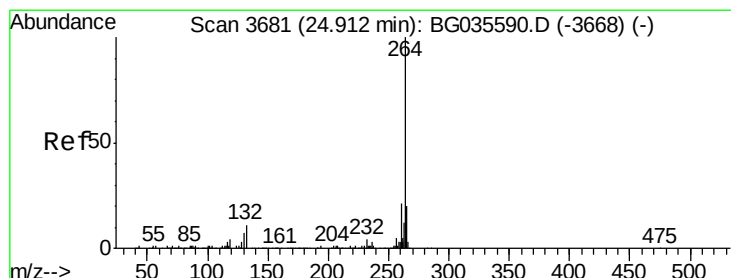
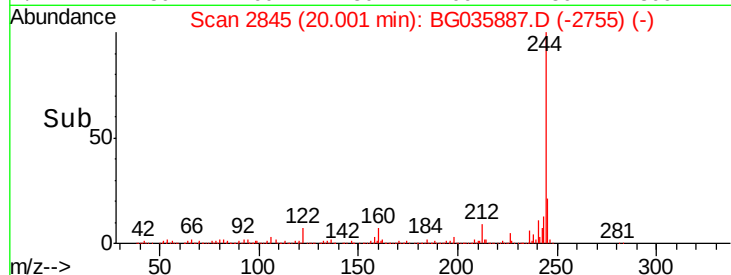
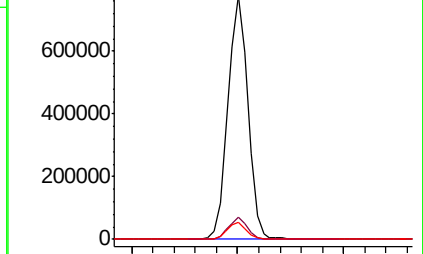
122 7.2 7.0 10.4



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: BG035887.D

Acq: 25 Jul 2018 23:41

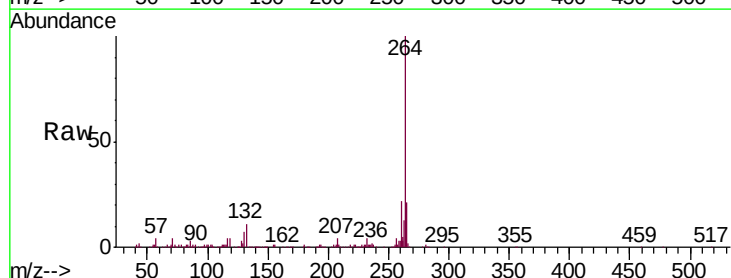
Tgt Ion:264 Resp: 324278

Ion Ratio Lower Upper

264 100

260 22.1 17.4 26.0

265 21.0 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

