

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072518\
 Data File : BG035903.D
 Acq On : 26 Jul 2018 10:45
 Operator : JU/SJ
 Sample : J3821-08
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-072418-A

Quant Time: Jul 26 13:33:44 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

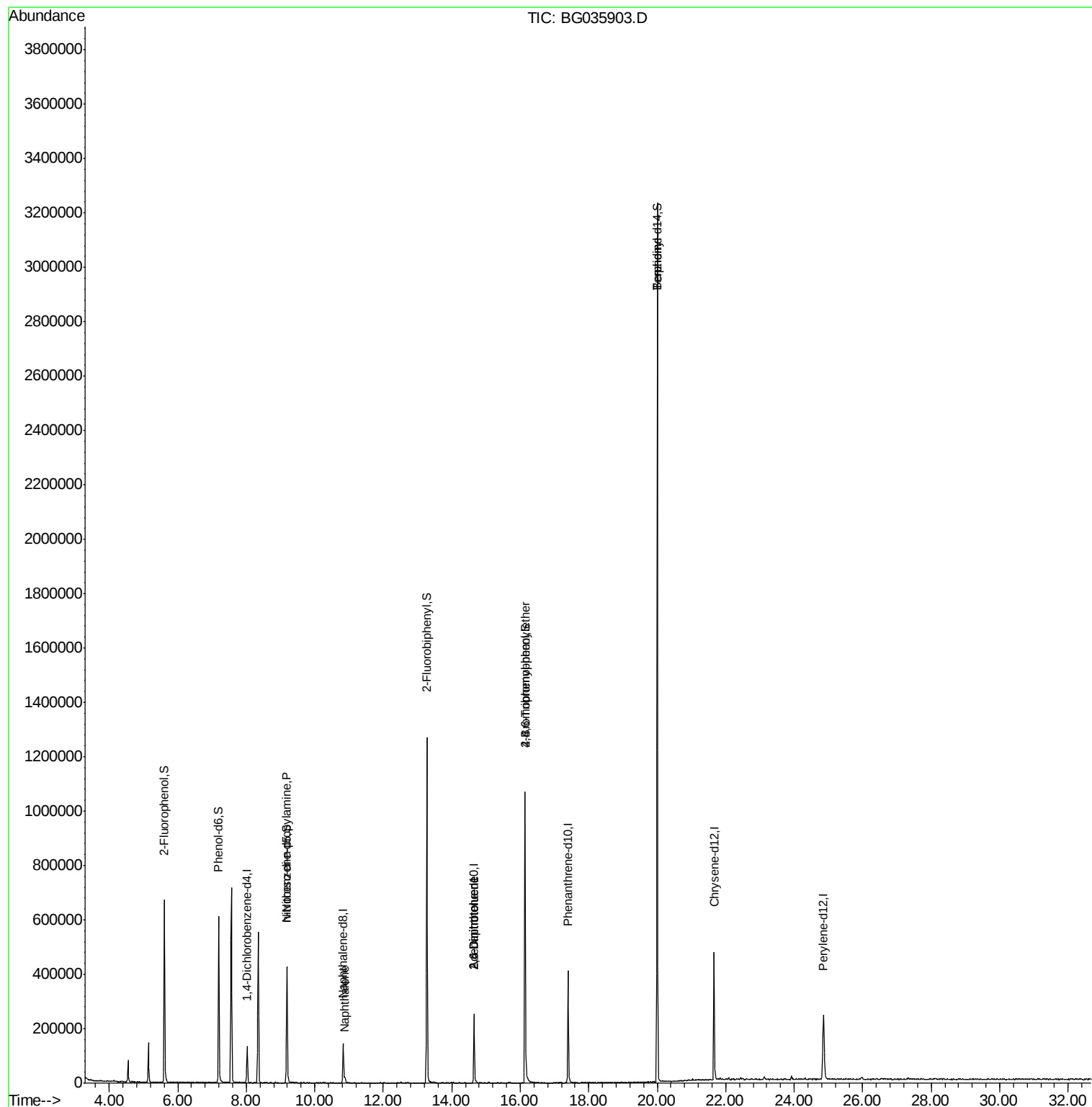
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	37562	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	132377	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	94506	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	292618	20.00	ng	0.00
75) Chrysene-d12	21.66	240	322948	20.00	ng	0.00
86) Perylene-d12	24.86	264	284737	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	293211	129.60	ng	0.00
7) Phenol-d6	7.19	99	375338	111.19	ng	0.00
23) Nitrobenzene-d5	9.19	82	306268	96.65	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	226618	181.93	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	723315	102.54	ng	0.00
78) Terphenyl-d14	20.00	244	1507528	102.90	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.19	70	42345	14.897	ng	# 70
31) Naphthalene	10.89	128	18010	2.612	ng	# 92
50) 2,6-Dinitrotoluene	14.65	165	13349	7.917	ng	# 20
56) 2,4-Dinitrotoluene	14.65	165	13349	5.518	ng	# 17
66) 4-Bromophenyl-phenylether	16.14	248	17727	5.222	ng	# 1
76) Benzidine	20.00	184	26726	3.148	ng	# 89

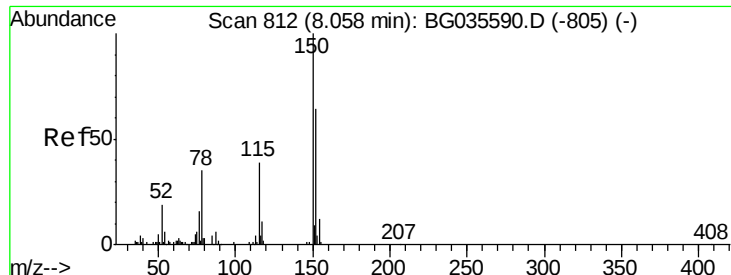
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 25 11:04:14 2018
Response via : Initial Calibration

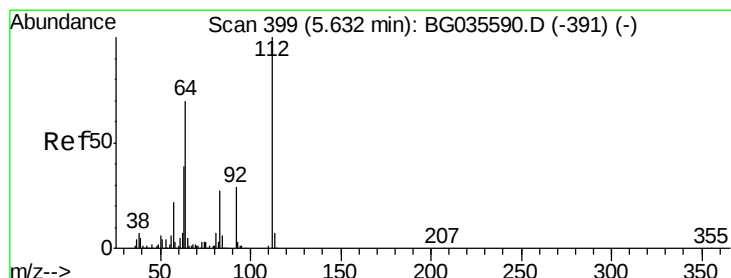
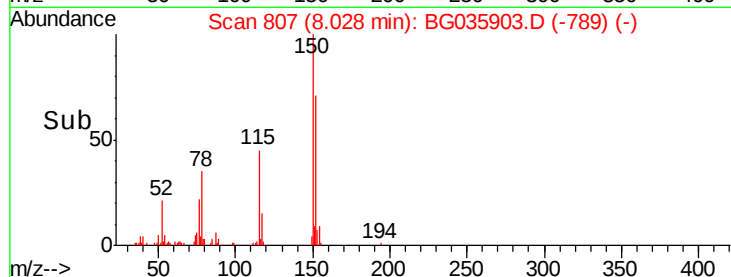
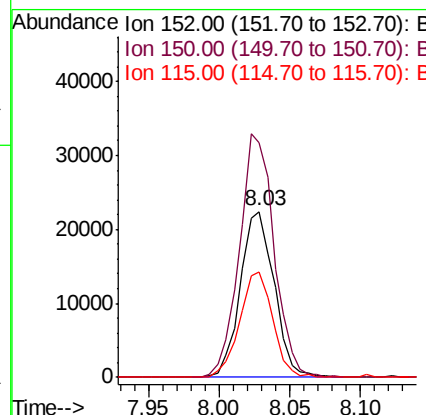
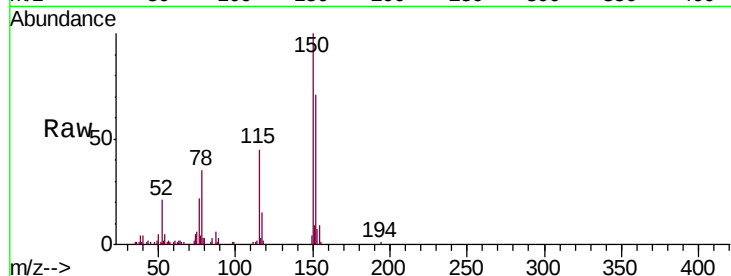




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.03 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BG035903.D
 Acq: 26 Jul 2018 10:45

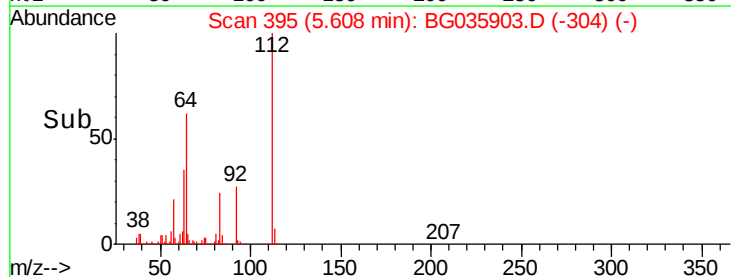
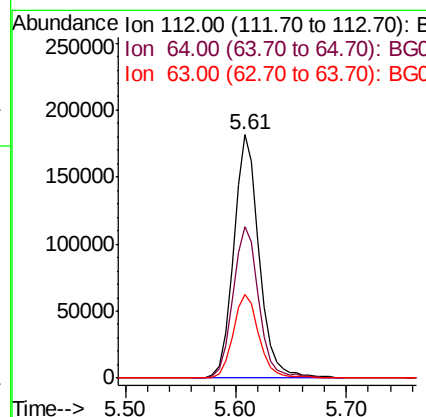
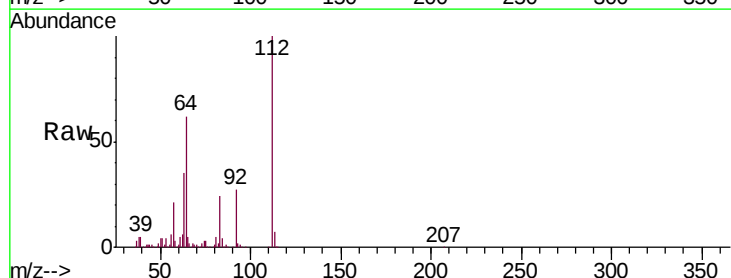
Instrument :
 BNA_G
 ClientSampleId :
 HR-06-072418-A

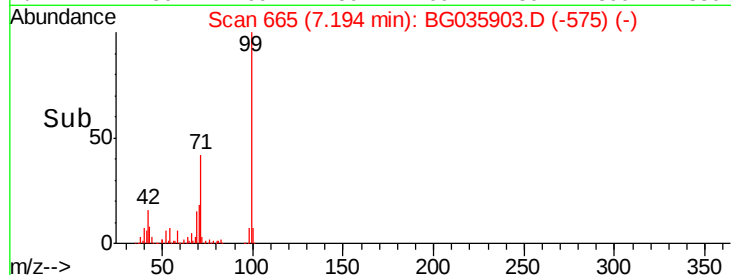
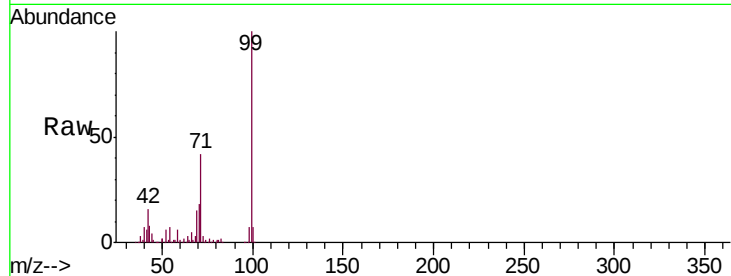
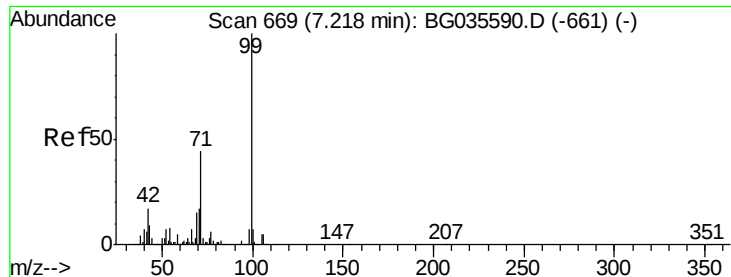
Tgt Ion:152 Resp: 37562
 Ion Ratio Lower Upper
 152 100
 150 141.5 126.6 189.8
 115 63.7 53.0 79.4



#5
 2-Fluorophenol
 Concen: 129.599 ng
 RT: 5.61 min Scan# 395
 Delta R.T. 0.00 min
 Lab File: BG035903.D
 Acq: 26 Jul 2018 10:45

Tgt Ion:112 Resp: 293211
 Ion Ratio Lower Upper
 112 100
 64 62.2 56.3 84.5
 63 34.5 30.1 45.1





#7

Phenol-d6

Concen: 111.193 ng

RT: 7.19 min Scan# 665

Delta R.T. -0.00 min

Lab File: BG035903.D

Acq: 26 Jul 2018 10:45

Instrument :

BNA_G

ClientSampleId :

HR-06-072418-A

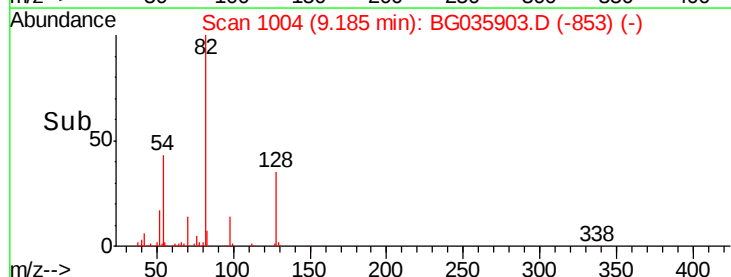
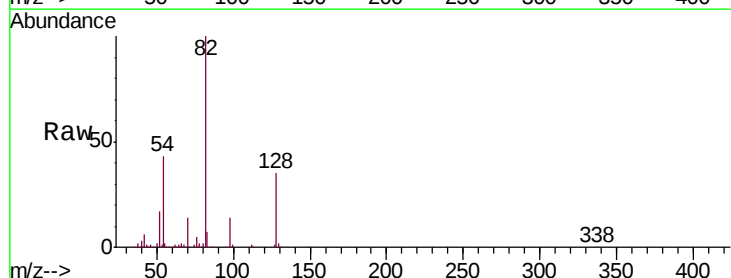
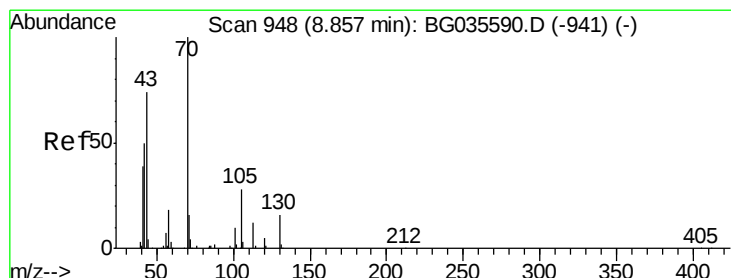
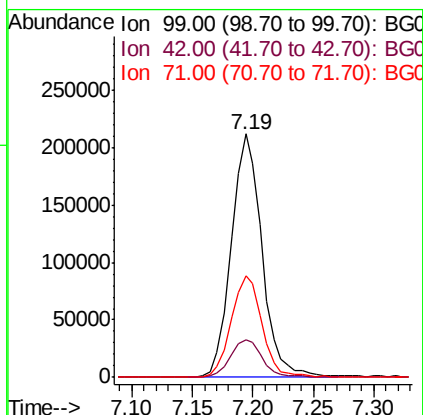
Tgt Ion: 99 Resp: 375338

Ion Ratio Lower Upper

99 100

42 15.7 14.1 21.1

71 41.5 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 14.897 ng

RT: 9.19 min Scan# 1004

Delta R.T. 0.36 min

Lab File: BG035903.D

Acq: 26 Jul 2018 10:45

Tgt Ion: 70 Resp: 42345

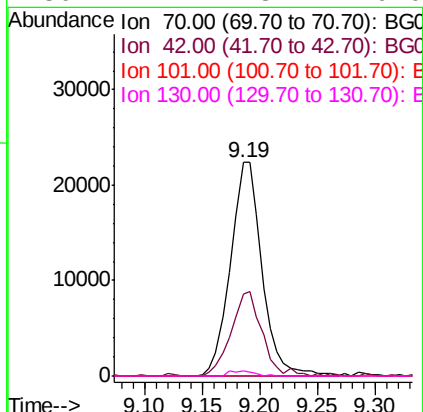
Ion Ratio Lower Upper

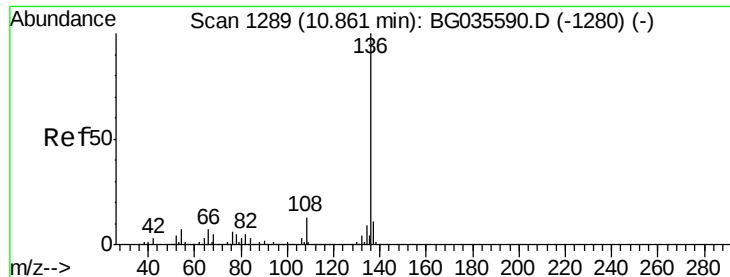
70 100

42 38.6 49.1 73.7#

101 0.0 8.5 12.7#

130 2.7 13.4 20.0#

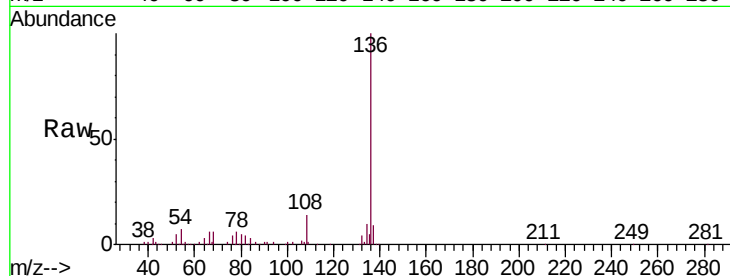




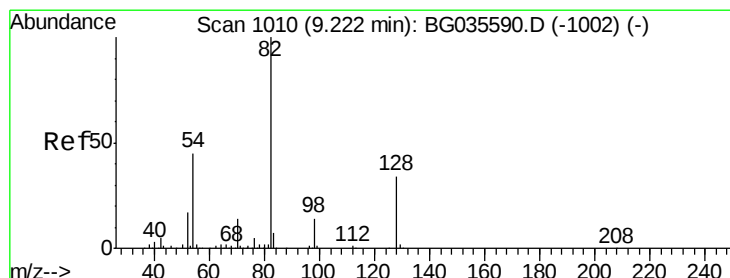
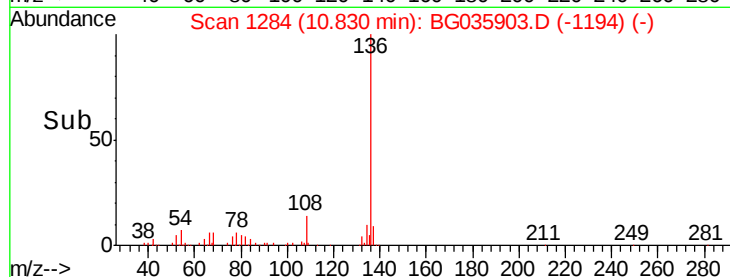
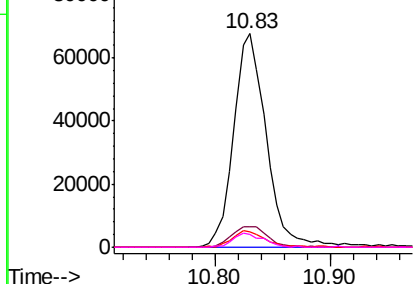
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BG035903.D
Acq: 26 Jul 2018 10:45

Instrument :
BNA_G
ClientSampleId :
HR-06-072418-A

Tgt Ion:	136	Resp:	132377
Ion	Ratio	Lower	Upper
136	100		
137	9.4	9.2	13.8
54	7.0	10.3	15.5#
68	6.2	4.5	6.7

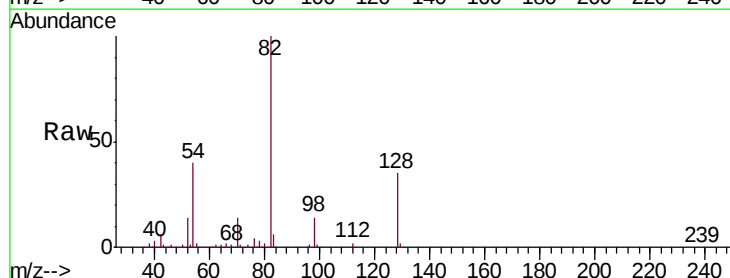


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

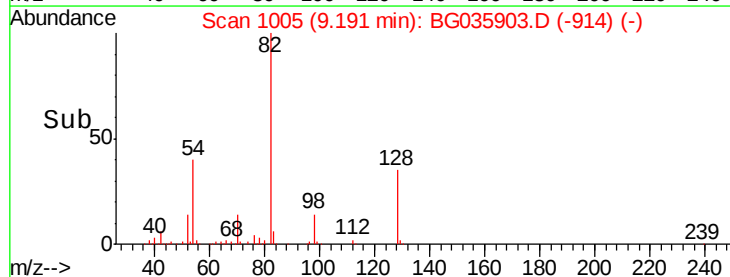
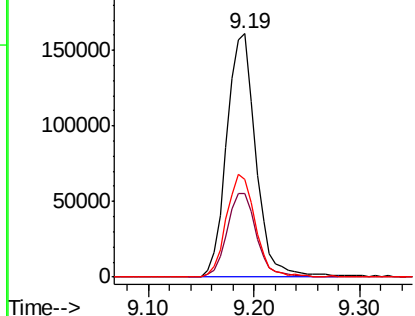


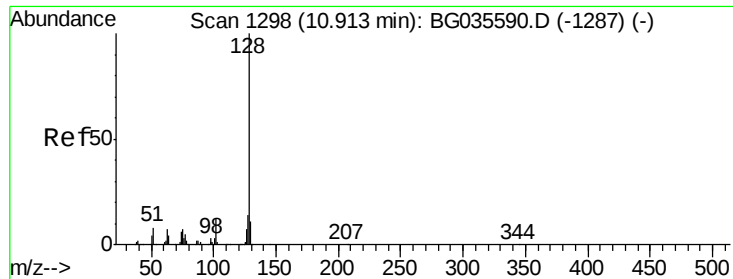
#23
Nitrobenzene-d5
Concen: 96.650 ng
RT: 9.19 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BG035903.D
Acq: 26 Jul 2018 10:45

Tgt Ion:	82	Resp:	306268
Ion	Ratio	Lower	Upper
82	100		
128	34.6	29.7	44.5
54	40.3	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

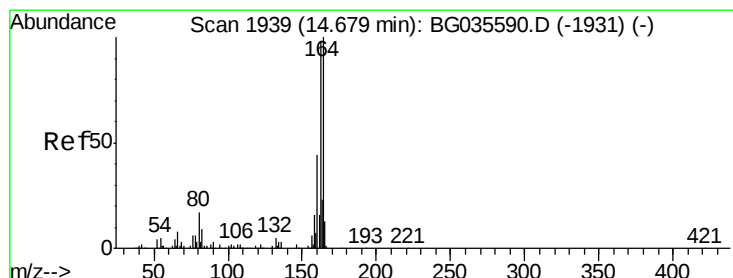
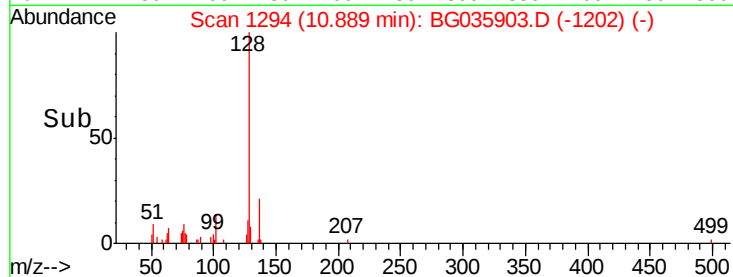
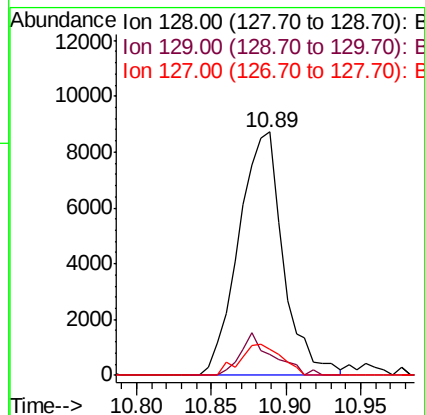
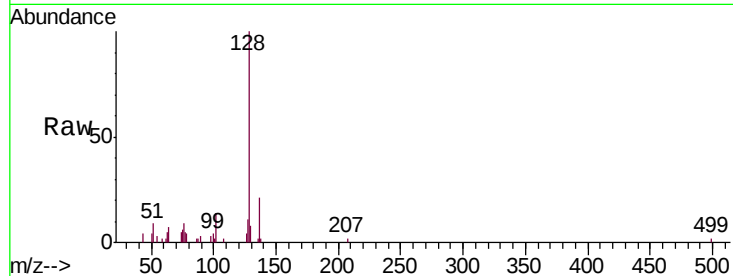




#31
Naphthalene
Concen: 2.612 ng
RT: 10.89 min Scan# 1294
Delta R.T. 0.01 min
Lab File: BG035903.D
Acq: 26 Jul 2018 10:45

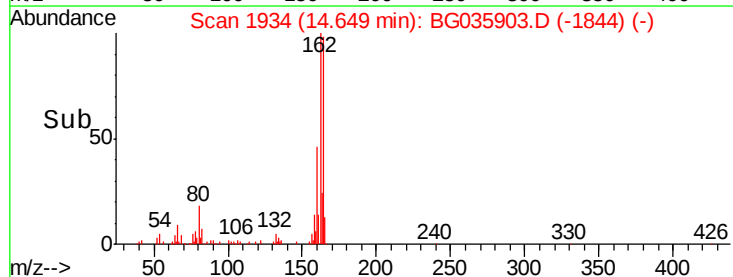
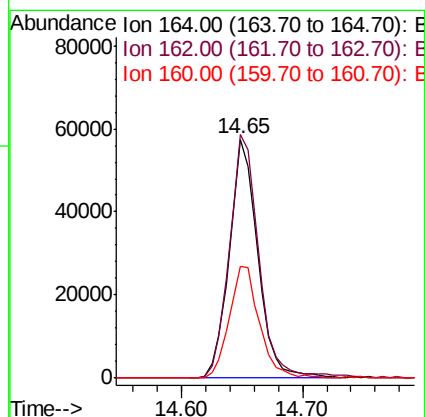
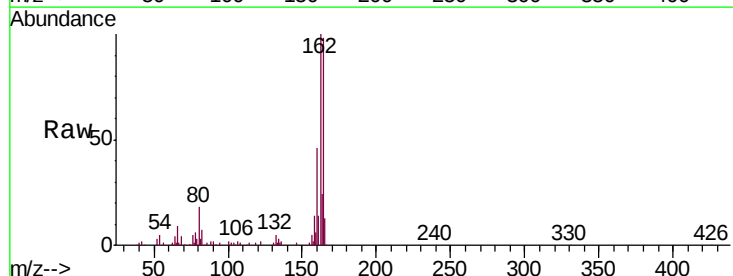
Instrument :
BNA_G
ClientSampleId :
HR-06-072418-A

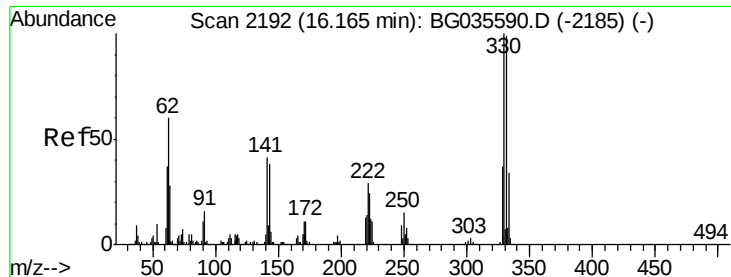
Tgt Ion:128 Resp: 18010
Ion Ratio Lower Upper
128 100
129 8.5 8.6 12.8#
127 10.7 11.6 17.4#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1934
Delta R.T. -0.00 min
Lab File: BG035903.D
Acq: 26 Jul 2018 10:45

Tgt Ion:164 Resp: 94506
Ion Ratio Lower Upper
164 100
162 102.1 78.8 118.2
160 46.8 35.4 53.0

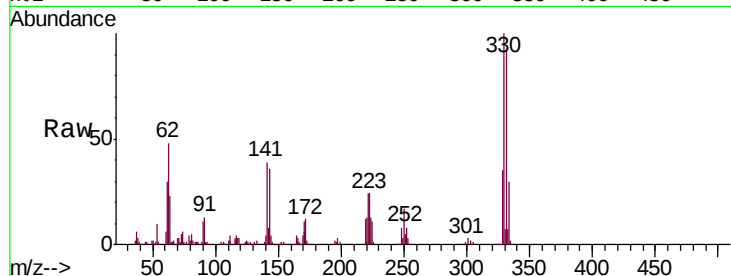




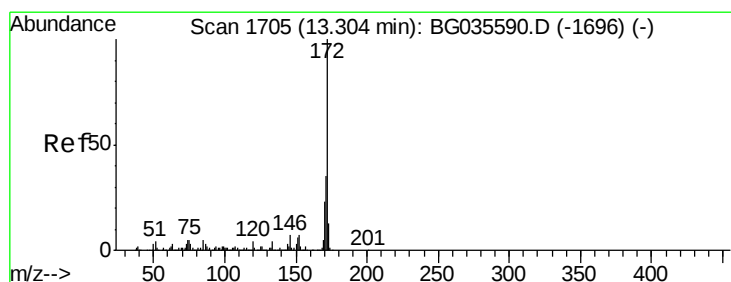
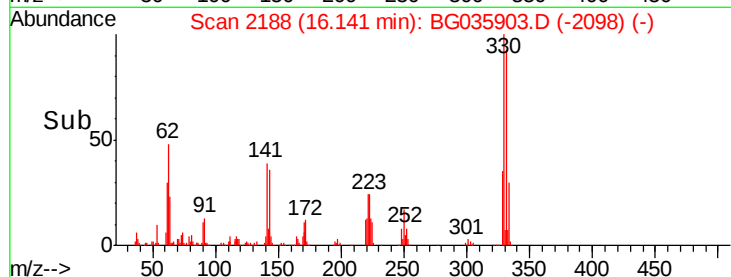
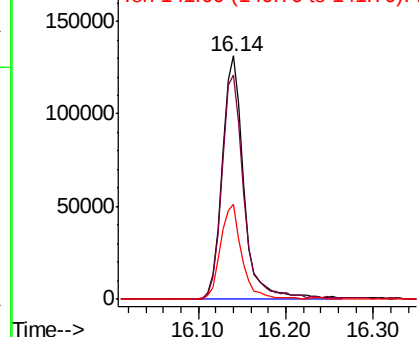
#41
 2,4,6-Tribromophenol
 Concen: 181.928 ng
 RT: 16.14 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: BG035903.D
 Acq: 26 Jul 2018 10:45

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-072418-A

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.0	115.6
141	38.4	25.2	37.8#

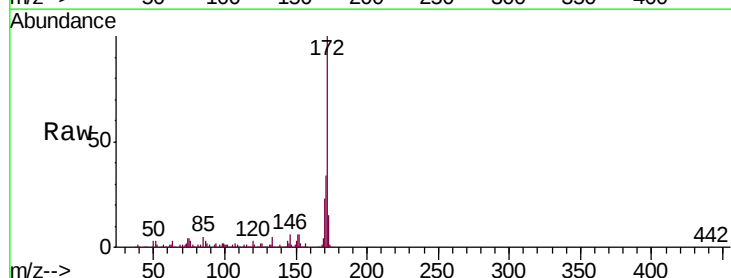


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

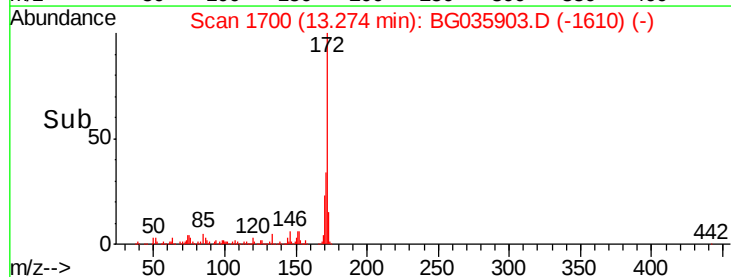
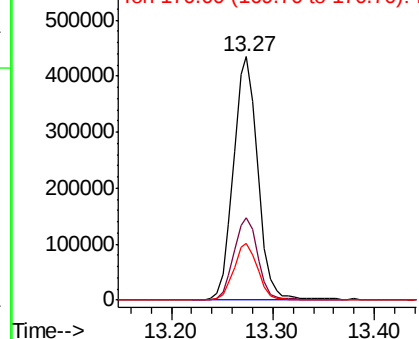


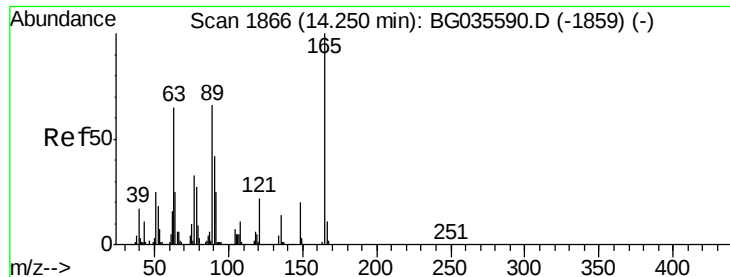
#44
 2-Fluorobiphenyl
 Concen: 102.539 ng
 RT: 13.27 min Scan# 1700
 Delta R.T. -0.00 min
 Lab File: BG035903.D
 Acq: 26 Jul 2018 10:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.0	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





#50

2,6-Dinitrotoluene

Concen: 7.917 ng

RT: 14.65 min Scan# 1934

Delta R.T. 0.42 min

Lab File: BG035903.D

Acq: 26 Jul 2018 10:45

Instrument :

BNA_G

ClientSampleId :

HR-06-072418-A

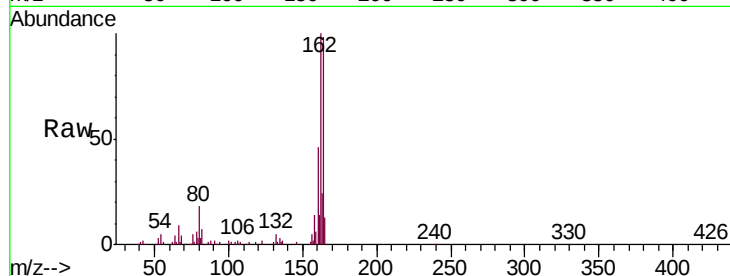
Tgt Ion:165 Resp: 13349

Ion Ratio Lower Upper

165 100

63 2.2 52.7 79.1#

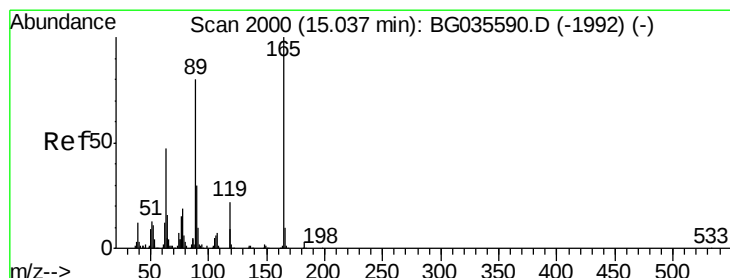
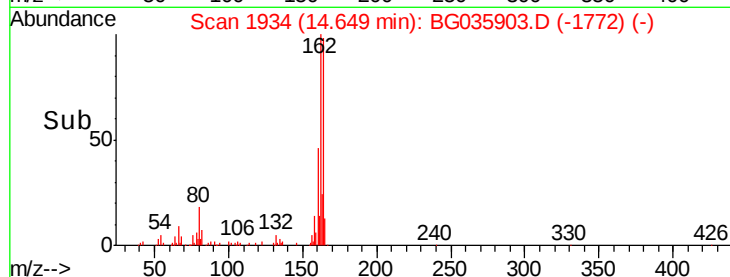
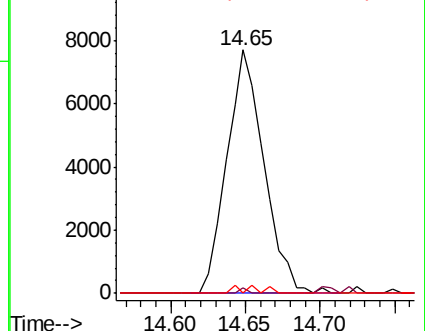
89 0.0 49.2 73.8#



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: 5.518 ng

RT: 14.65 min Scan# 1934

Delta R.T. -0.37 min

Lab File: BG035903.D

Acq: 26 Jul 2018 10:45

Tgt Ion:165 Resp: 13349

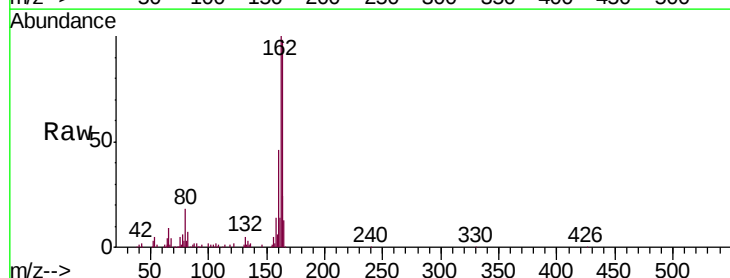
Ion Ratio Lower Upper

165 100

63 2.2 42.0 63.0#

89 0.0 66.9 100.3#

182 0.0 2.6 3.8#

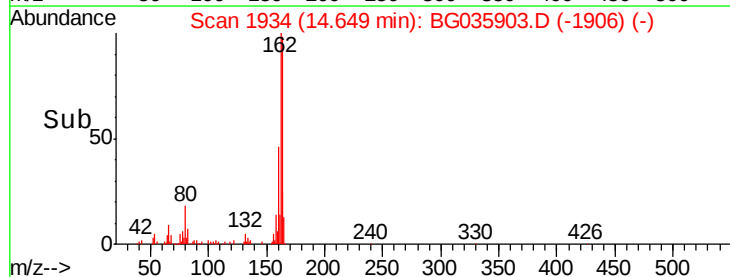
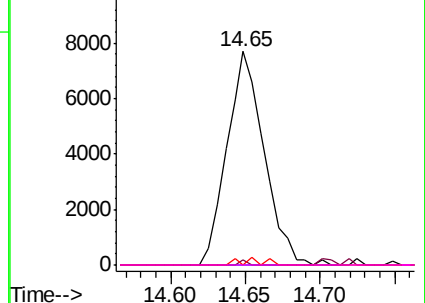


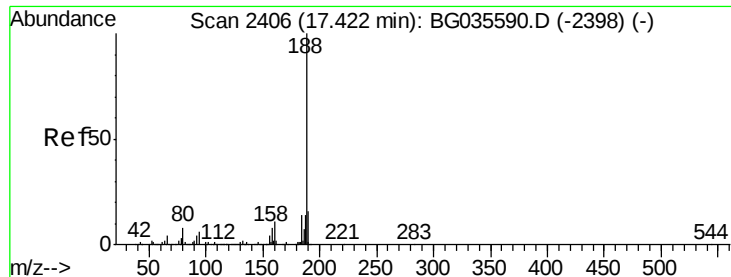
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E

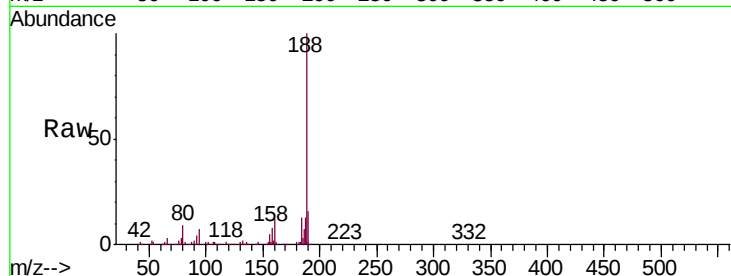




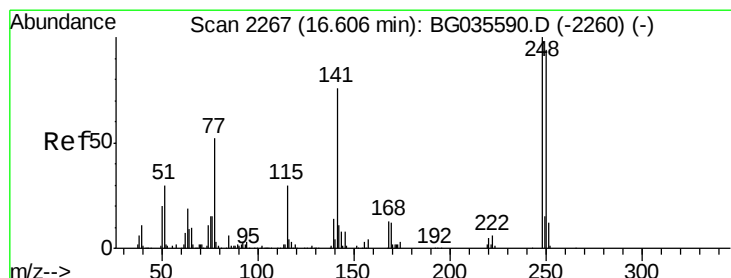
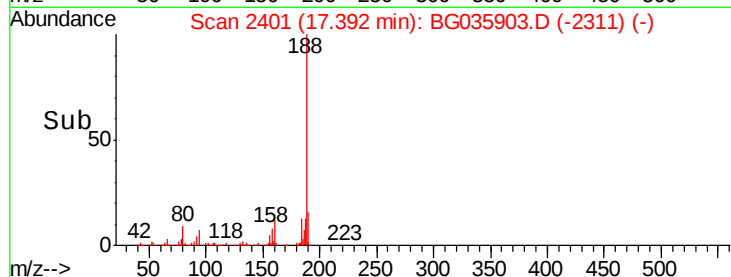
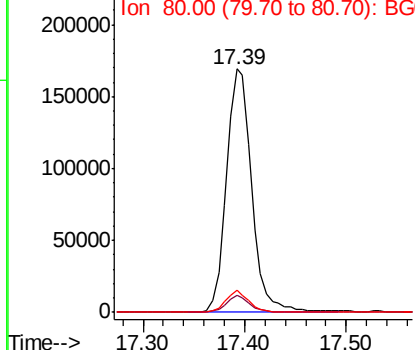
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2401
Delta R.T. -0.00 min
Lab File: BG035903.D
Acq: 26 Jul 2018 10:45

Instrument :
BNA_G
ClientSampleId :
HR-06-072418-A

Tgt Ion:188 Resp: 292618
Ion Ratio Lower Upper
188 100
94 6.9 6.9 10.3
80 9.0 7.7 11.5

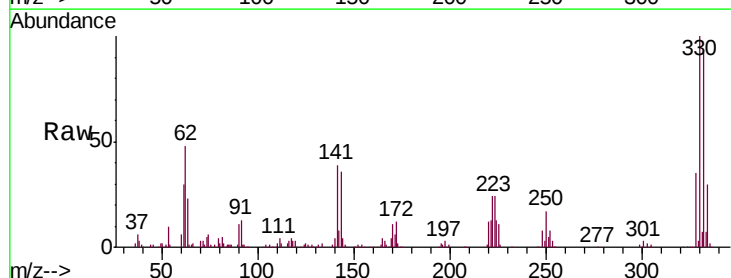


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

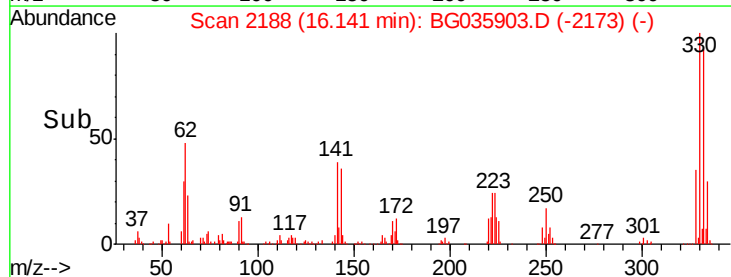
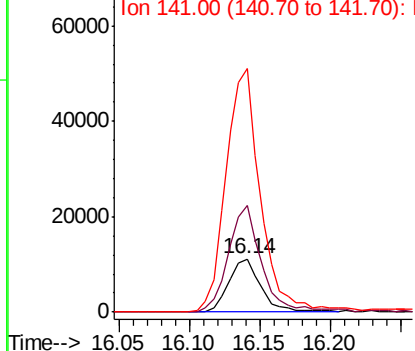


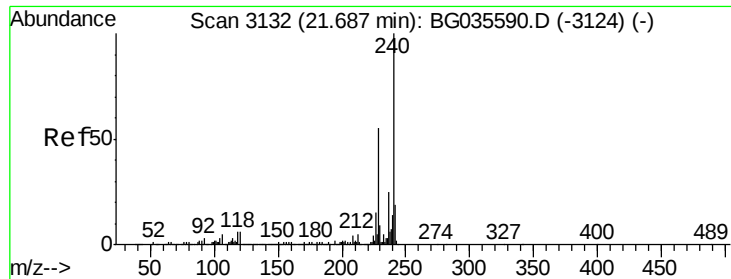
#66
4-Bromophenyl-phenylether
Concen: 5.222 ng
RT: 16.14 min Scan# 2188
Delta R.T. -0.44 min
Lab File: BG035903.D
Acq: 26 Jul 2018 10:45

Tgt Ion:248 Resp: 17727
Ion Ratio Lower Upper
248 100
250 200.6 77.1 115.7#
141 459.3 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: BG035903.D

Acq: 26 Jul 2018 10:45

Instrument :

BNA_G

ClientSampleId :

HR-06-072418-A

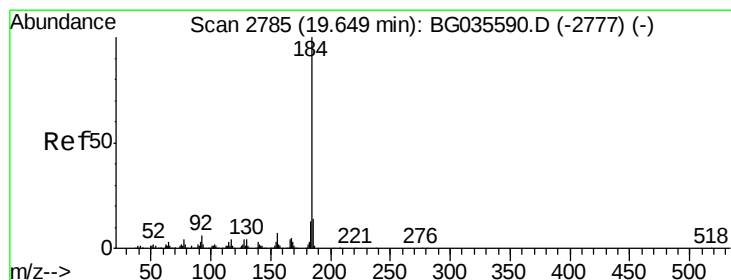
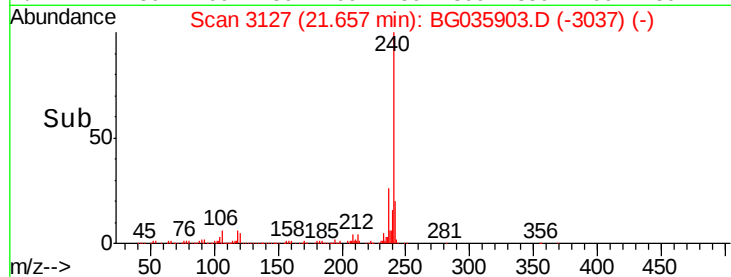
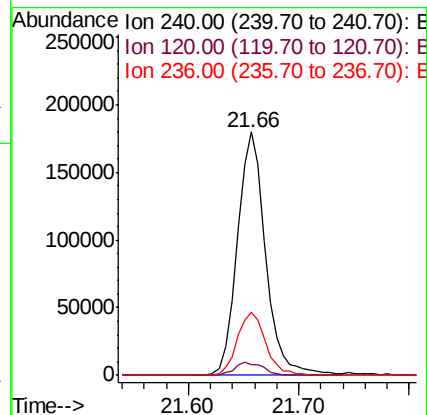
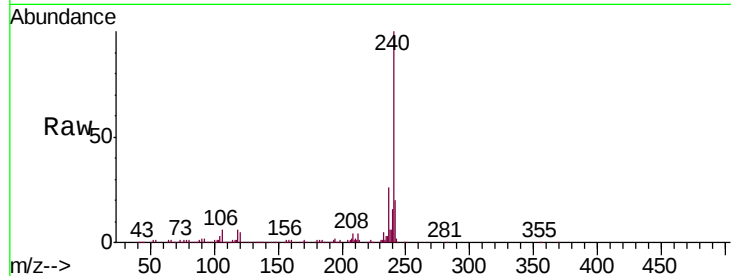
Tgt Ion:240 Resp: 322948

Ion Ratio Lower Upper

240 100

120 4.5 6.8 10.2#

236 25.7 20.9 31.3



#76

Benzidine

Concen: 3.148 ng

RT: 20.00 min Scan# 2845

Delta R.T. 0.37 min

Lab File: BG035903.D

Acq: 26 Jul 2018 10:45

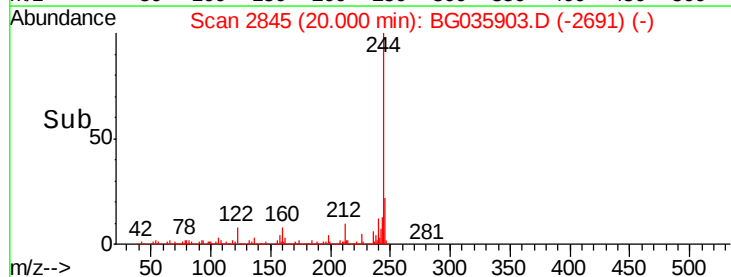
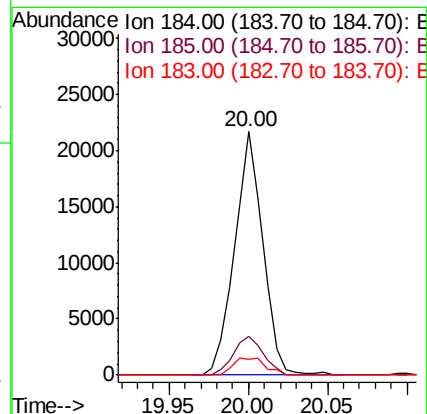
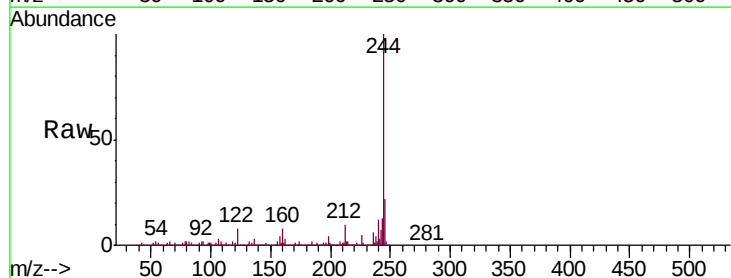
Tgt Ion:184 Resp: 26726

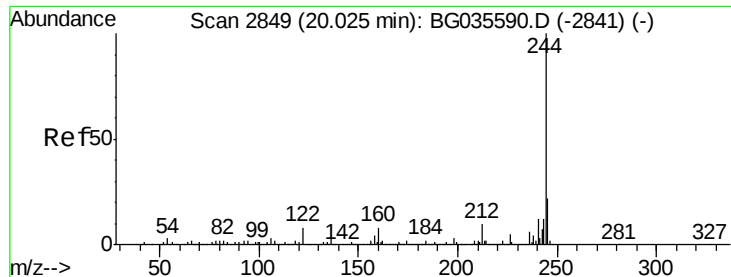
Ion Ratio Lower Upper

184 100

185 15.8 11.1 16.7

183 6.2 10.6 16.0#





#78

Terphenyl-d14

Concen: 102.897 ng

RT: 20.00 min Scan# 2845

Delta R.T. -0.00 min

Lab File: BG035903.D

Acq: 26 Jul 2018 10:45

Instrument :

BNA_G

ClientSampleId :

HR-06-072418-A

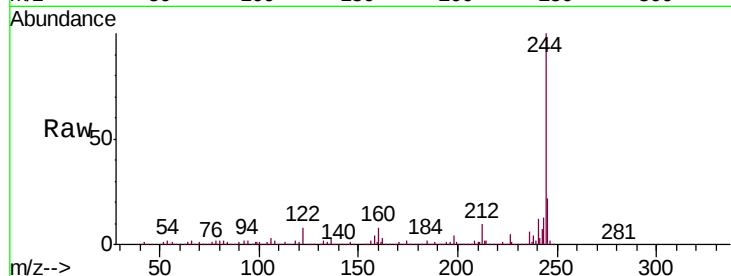
Tgt Ion:244 Resp: 1507528

Ion Ratio Lower Upper

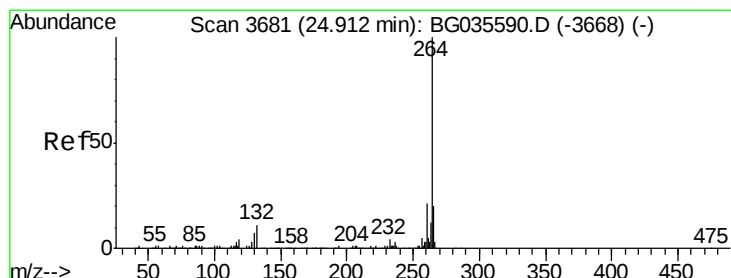
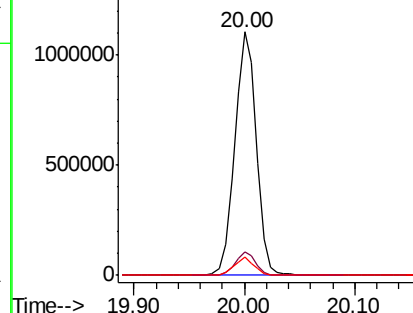
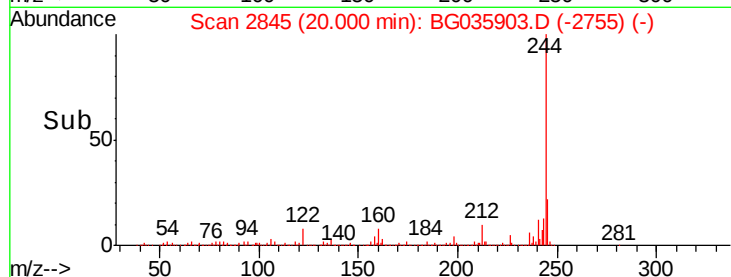
244 100

212 9.8 5.8 8.8#

122 7.7 7.0 10.4



Abundance Ion 244.00 (243.70 to 244.70): E
1500000
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: BG035903.D

Acq: 26 Jul 2018 10:45

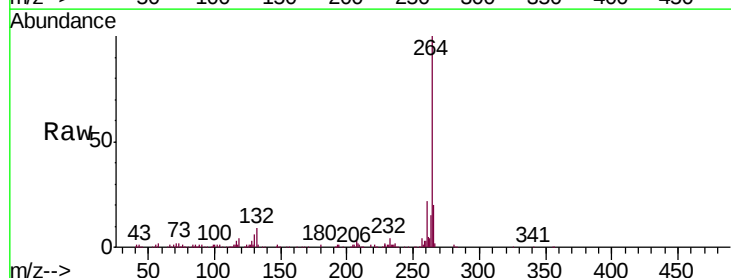
Tgt Ion:264 Resp: 284737

Ion Ratio Lower Upper

264 100

260 22.1 17.4 26.0

265 19.7 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E
120000
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

