

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071818\
 Data File : BG035723.D
 Acq On : 18 Jul 2018 18:54
 Operator : JU/SJ
 Sample : J3620-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 19 02:03:01 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 18 17:45:13 2018
 Response via : Initial Calibration

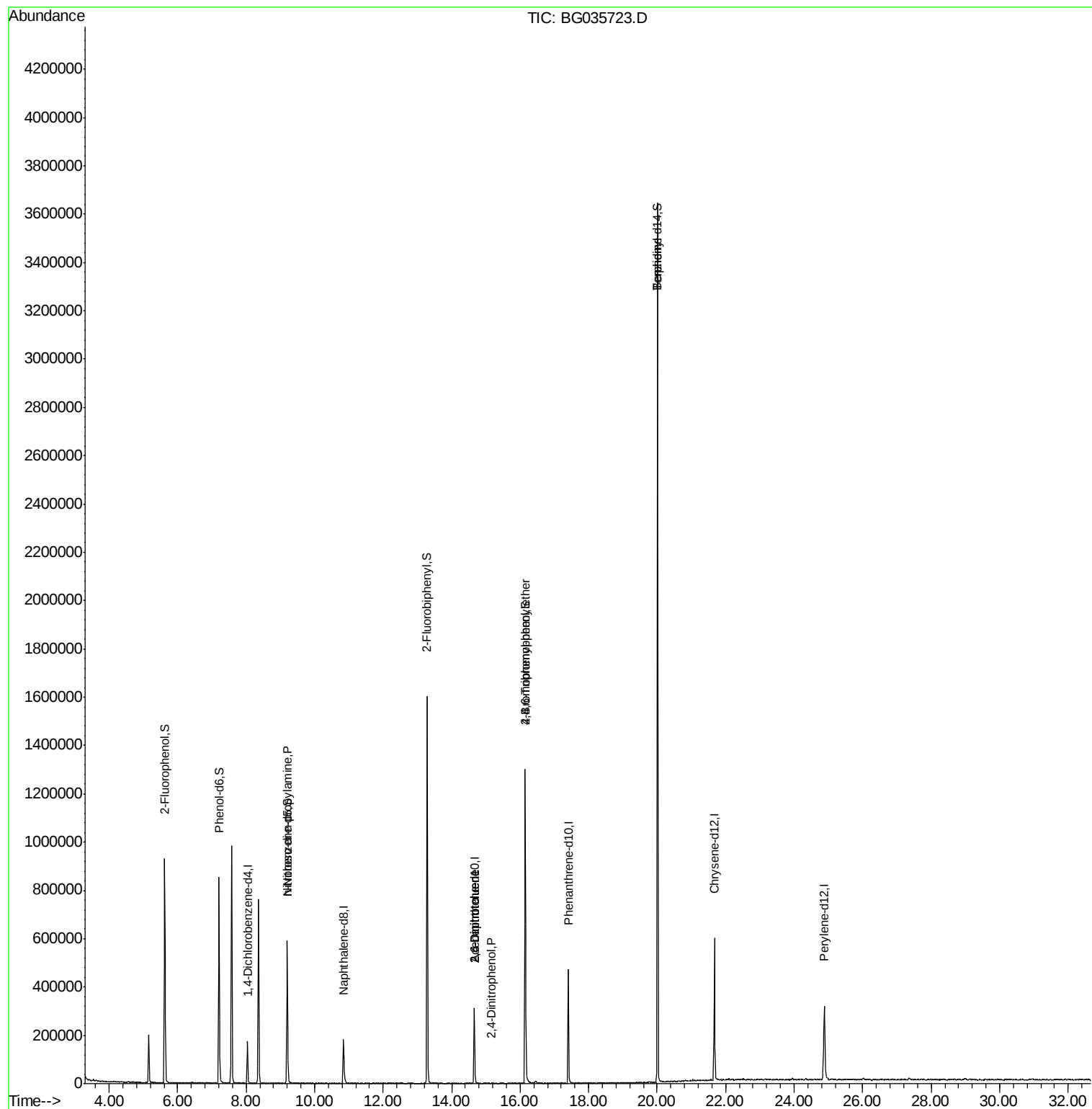
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	47626	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	166090	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	111923	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	314128	20.00	ng	0.00
75) Chrysene-d12	21.67	240	382106	20.00	ng	0.00
86) Perylene-d12	24.88	264	356392	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	398786	139.02	ng	0.00
7) Phenol-d6	7.21	99	517117	120.82	ng	0.00
23) Nitrobenzene-d5	9.20	82	415508	104.51	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	241239	163.53	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	904941	108.32	ng	0.00
78) Terphenyl-d14	20.01	244	1724517	99.48	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.20	70	56343	15.633	ng	# 63
50) 2,6-Dinitrotoluene	14.66	165	16228	8.127	ng	# 18
53) 2,4-Dinitrophenol	15.16	184	63	6.639	ng	# 1
56) 2,4-Dinitrotoluene	14.66	165	16228	5.665	ng	# 16
66) 4-Bromophenyl-phenylether	16.15	248	19463	5.341	ng	# 1
76) Benzidine	20.01	184	31381	3.124	ng	# 94

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

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 18 17:45:13 2018
Response via : Initial Calibration



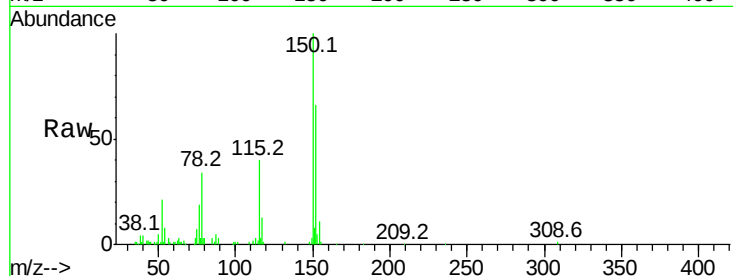


#1

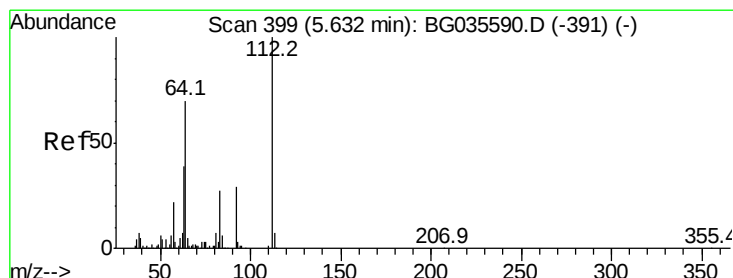
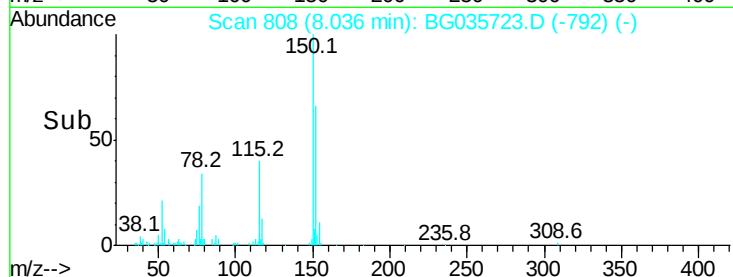
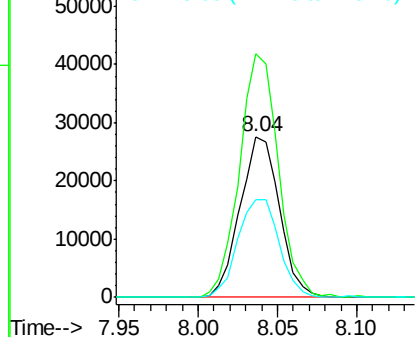
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 808
Delta R.T. -0.00 min
Lab File: BG035723.D
Acq: 18 Jul 2018 18:54

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 47626
Ion Ratio Lower Upper
152 100
150 151.2 126.6 189.8
115 60.7 53.0 79.4



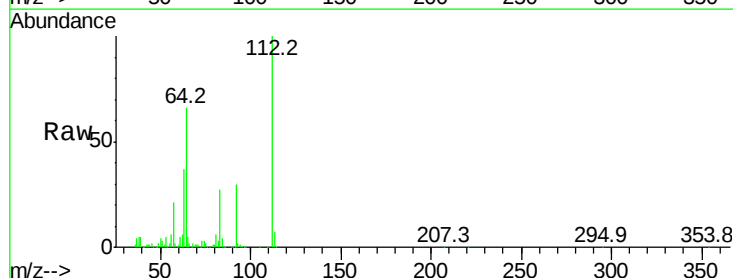
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



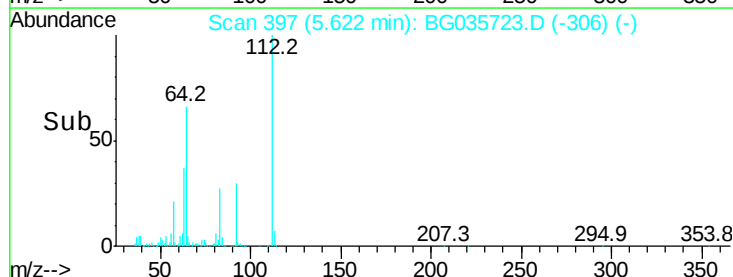
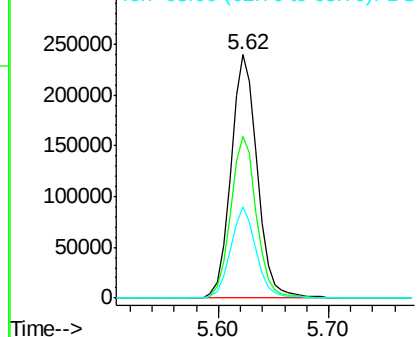
#5

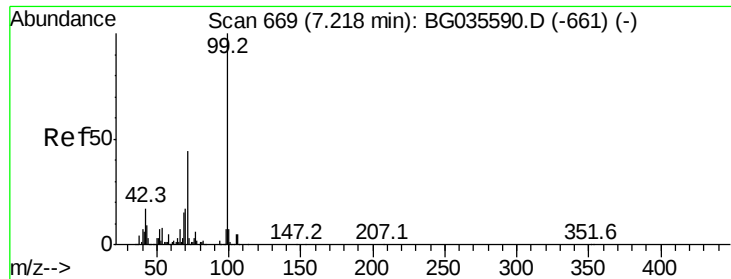
2-Fluorophenol
Concen: 139.016 ng
RT: 5.62 min Scan# 397
Delta R.T. 0.00 min
Lab File: BG035723.D
Acq: 18 Jul 2018 18:54

Tgt Ion:112 Resp: 398786
Ion Ratio Lower Upper
112 100
64 66.4 56.3 84.5
63 37.4 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 120.823 ng

RT: 7.21 min Scan# 667

Delta R.T. 0.00 min

Lab File: BG035723.D

Acq: 18 Jul 2018 18:54

Instrument :

BNA_G

ClientSampleId :

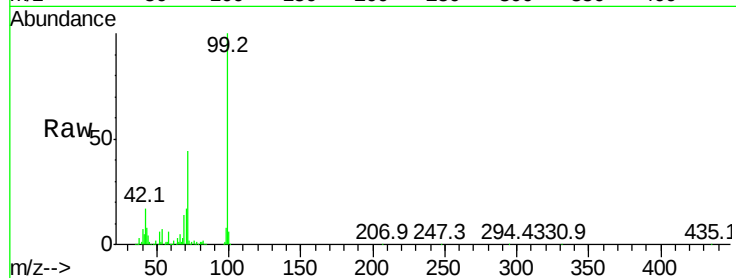
Tot Ion: 99 Resp: 517117

Ion Ratio Lower Upper

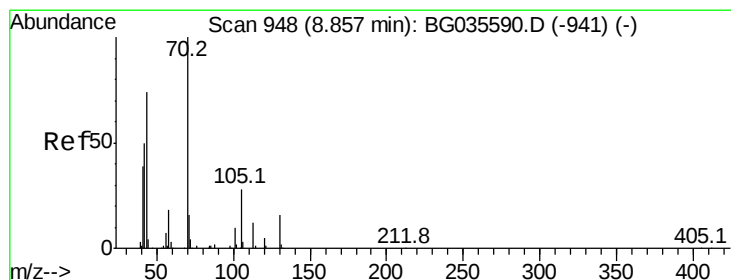
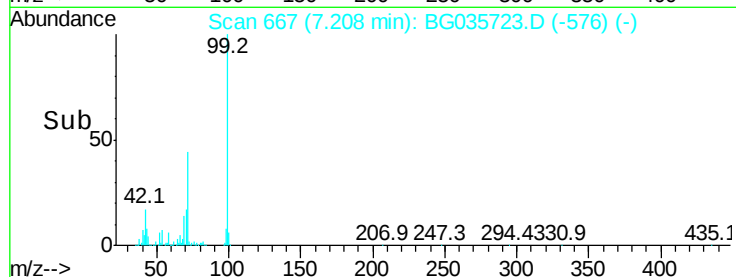
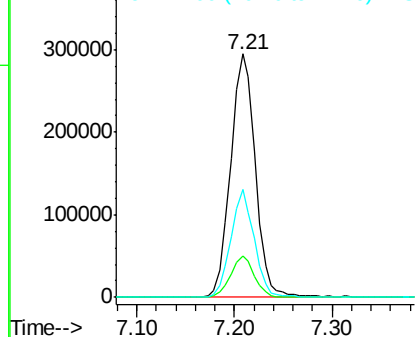
99 100

42 16.8 14.1 21.1

71 44.2 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: 15.633 ng

RT: 9.20 min Scan# 1006

Delta R.T. 0.36 min

Lab File: BG035723.D

Acq: 18 Jul 2018 18:54

Tgt Ion: 70 Resp: 56343

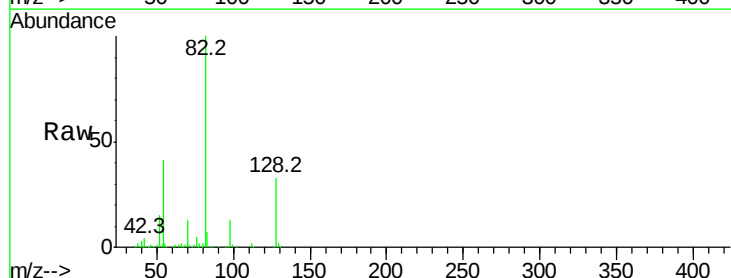
Ion Ratio Lower Upper

70 100

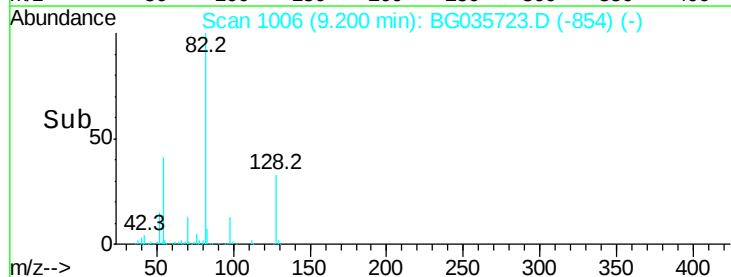
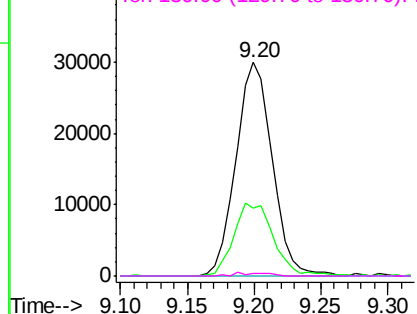
42 31.6 49.1 73.7#

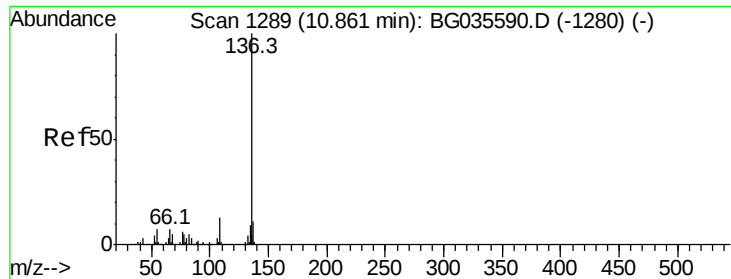
101 0.0 8.5 12.7#

130 1.5 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

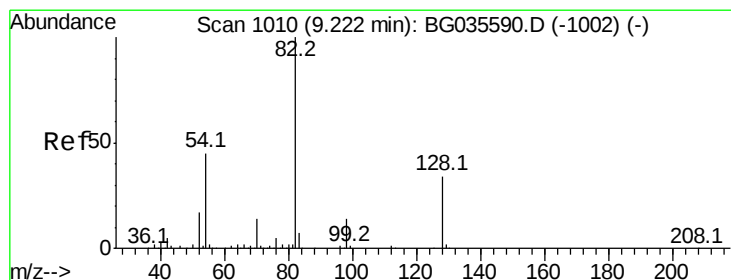
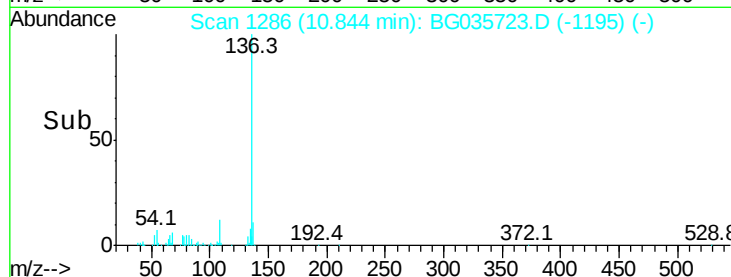
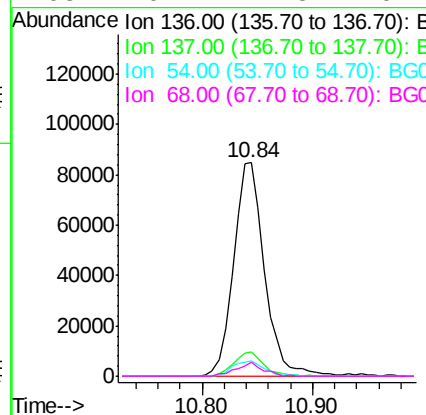
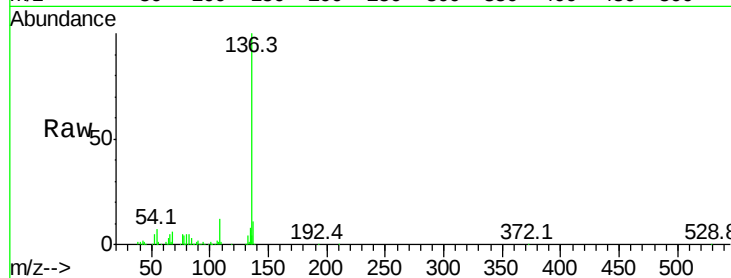




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1286
Delta R.T. 0.00 min
Lab File: BG035723.D
Acq: 18 Jul 2018 18:54

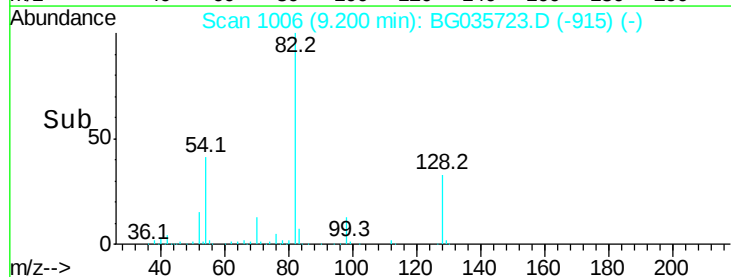
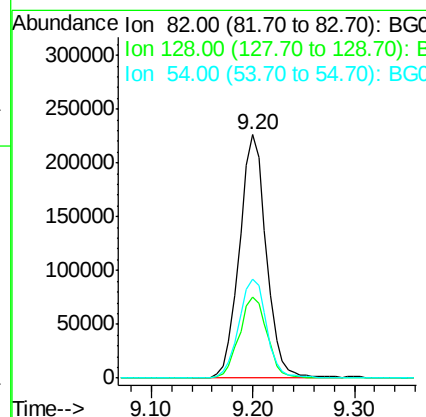
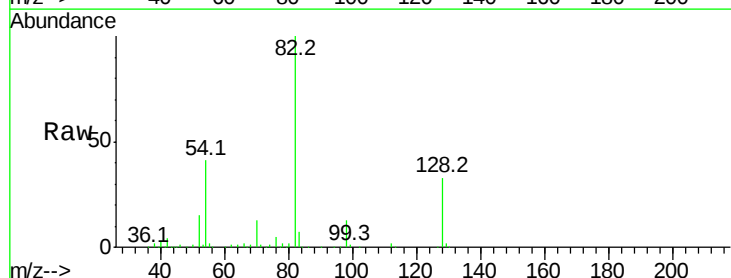
Instrument :
BNA_G
ClientSampleId :

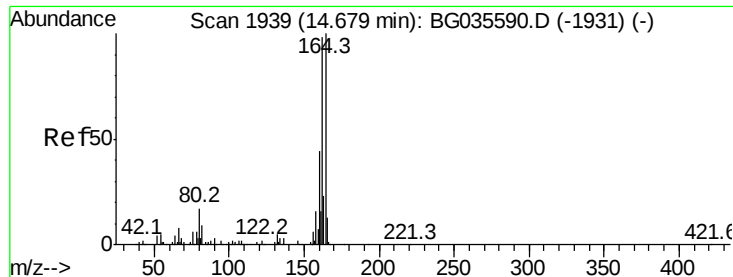
Tot Ion:	136	Resp:	166090
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.2	13.8
54	7.0	10.3	15.5#
68	6.4	4.5	6.7



#23
Nitrobenzene-d5
Concen: 104.508 ng
RT: 9.20 min Scan# 1006
Delta R.T. 0.00 min
Lab File: BG035723.D
Acq: 18 Jul 2018 18:54

Tgt Ion:	82	Resp:	415508
Ion	Ratio	Lower	Upper
82	100		
128	33.0	29.7	44.5
54	40.9	43.1	64.7#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1936

Delta R.T. 0.00 min

Lab File: BG035723.D

Acq: 18 Jul 2018 18:54

Instrument :

BNA_G

ClientSampleId :

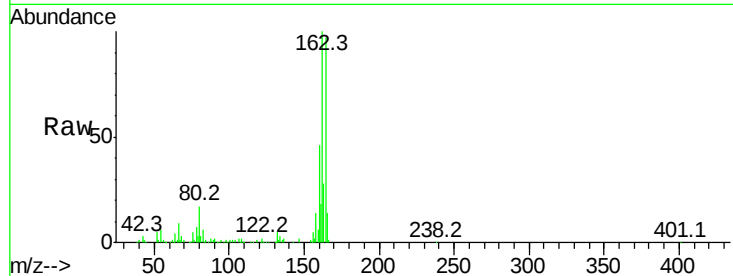
Tot Ion:164 Resp: 111923

Ion Ratio Lower Upper

164 100

162 103.4 78.8 118.2

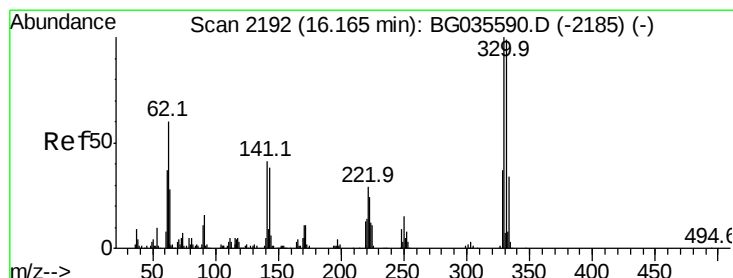
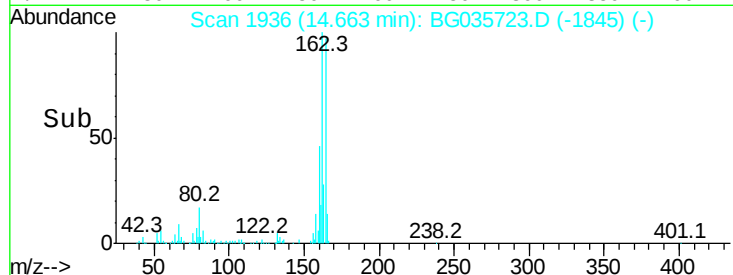
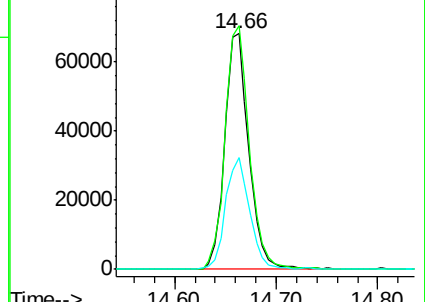
160 47.7 35.4 53.0



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: 163.528 ng

RT: 16.15 min Scan# 2189

Delta R.T. -0.00 min

Lab File: BG035723.D

Acq: 18 Jul 2018 18:54

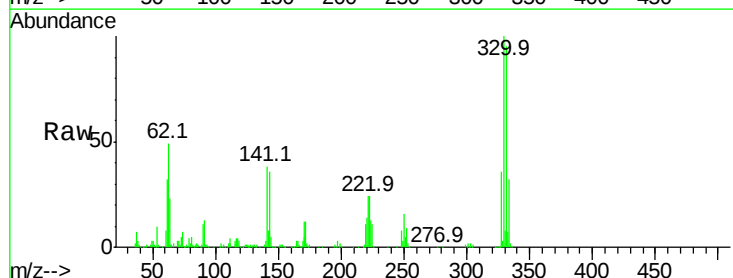
Tgt Ion:330 Resp: 241239

Ion Ratio Lower Upper

330 100

332 96.1 77.0 115.6

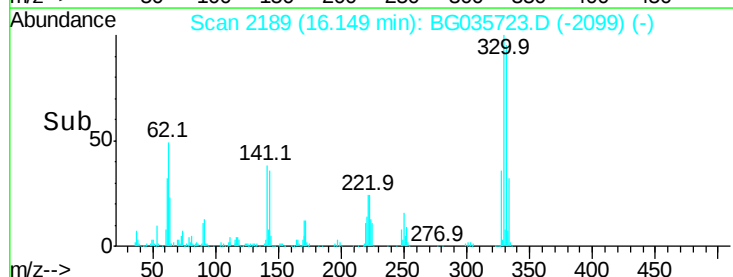
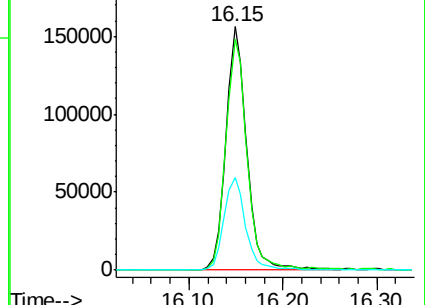
141 39.4 25.2 37.8#

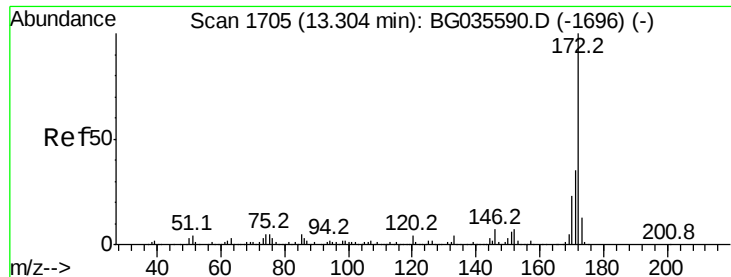


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

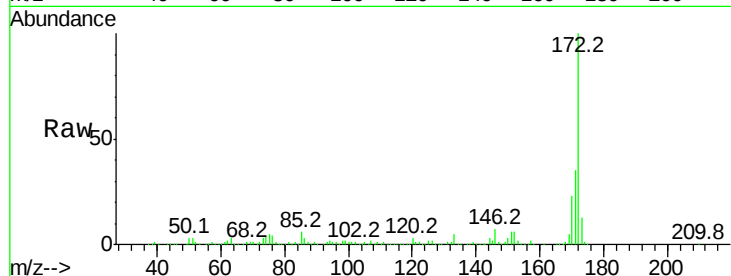




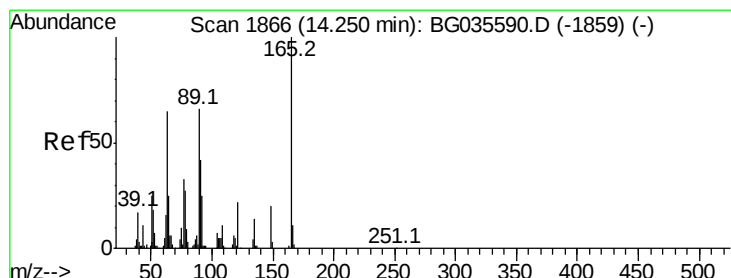
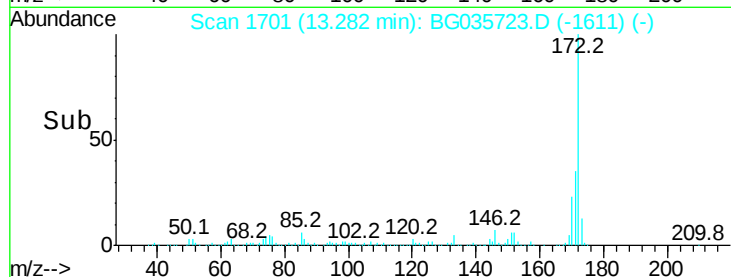
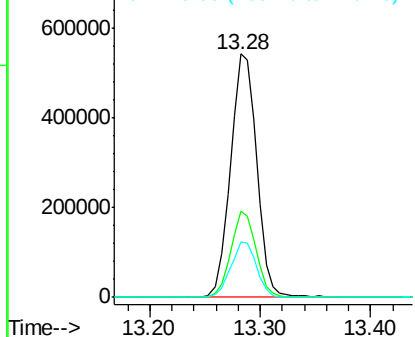
#44
 2-Fluorobiphenyl
 Concen: 108.323 ng
 RT: 13.28 min Scan# 1701
 Delta R.T. -0.00 min
 Lab File: BG035723.D
 Acq: 18 Jul 2018 18:54

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 904941
 Ion Ratio Lower Upper
 172 100
 171 35.1 30.0 45.0
 170 22.9 19.5 29.3

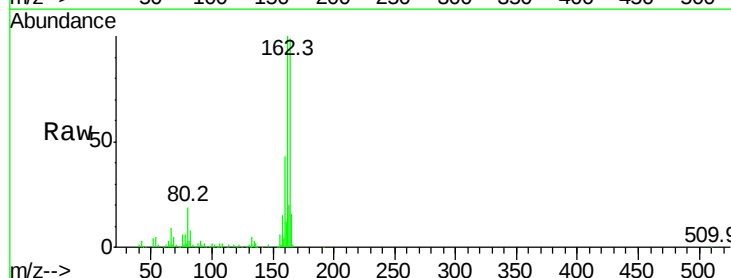


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

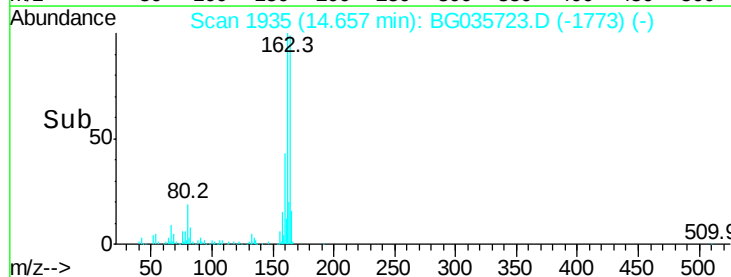
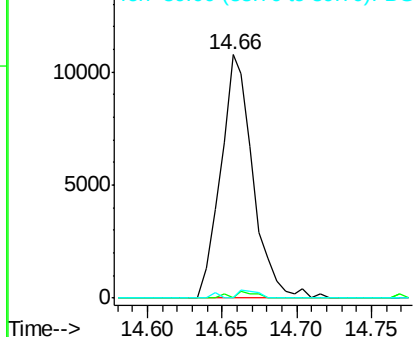


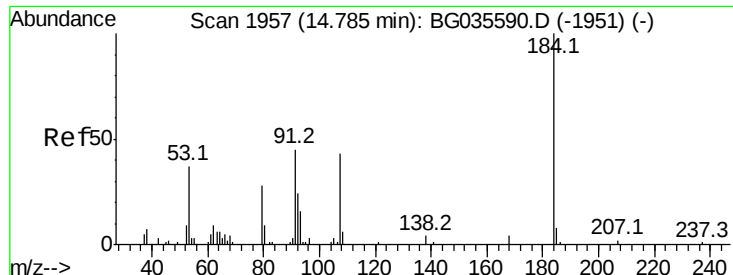
#50
 2,6-Dinitrotoluene
 Concen: 8.127 ng
 RT: 14.66 min Scan# 1935
 Delta R.T. 0.42 min
 Lab File: BG035723.D
 Acq: 18 Jul 2018 18:54

Tgt Ion:165 Resp: 16228
 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): BG0
 Ion 89.00 (88.70 to 89.70): BG0

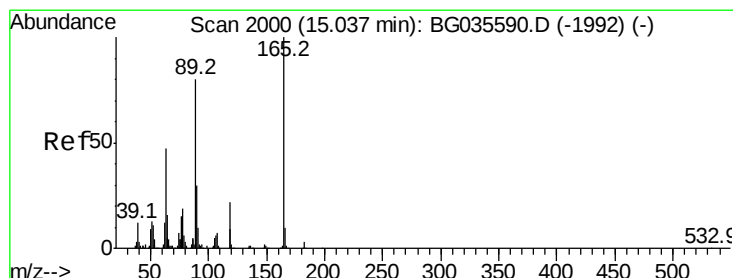
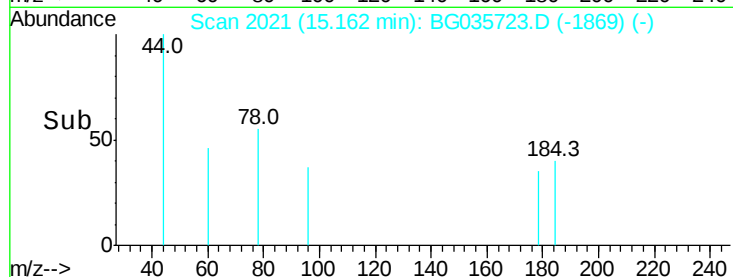
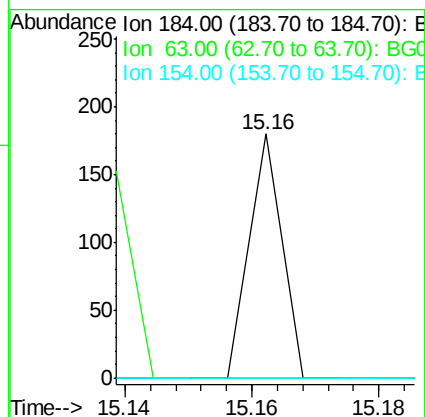
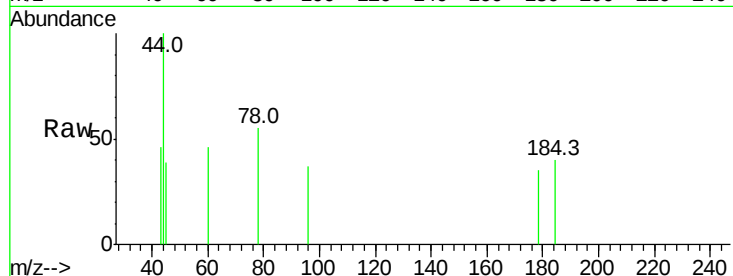




#53
2,4-Dinitrophenol
Concen: 6.639 ng
RT: 15.16 min Scan# 2021
Delta R.T. 0.36 min
Lab File: BG035723.D
Acq: 18 Jul 2018 18:54

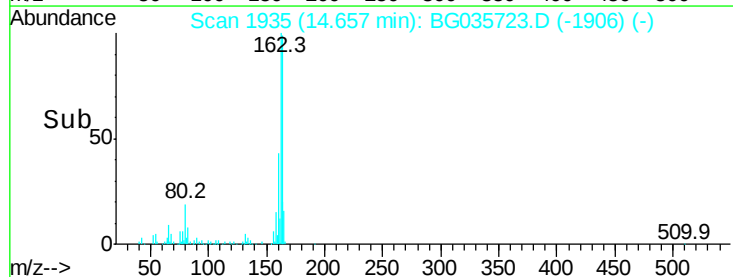
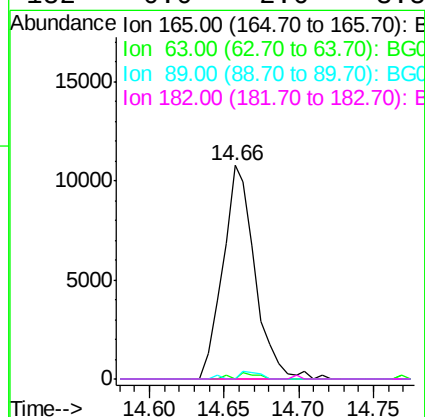
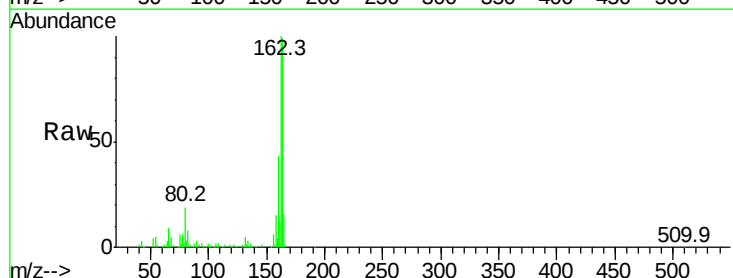
Instrument :
BNA_G
ClientSampleId :

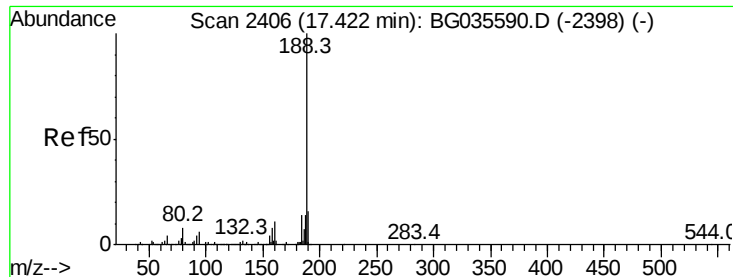
Tot Ion:184 Resp: 63
Ion Ratio Lower Upper
184 100
63 0.0 59.8 89.8#
154 0.0 101.8 152.8#



#56
2,4-Dinitrotoluene
Concen: 5.665 ng
RT: 14.66 min Scan# 1935
Delta R.T. -0.36 min
Lab File: BG035723.D
Acq: 18 Jul 2018 18:54

Tgt Ion:165 Resp: 16228
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: 17.41 min Scan# 2403

Delta R.T. 0.00 min

Lab File: BG035723.D

Acq: 18 Jul 2018 18:54

Instrument :

BNA_G

ClientSampleId :

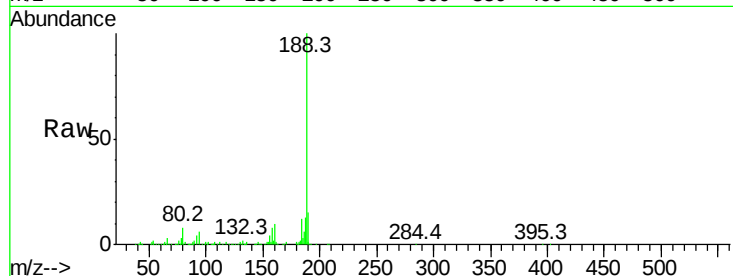
Tot Ion:188 Resp: 314128

Ion Ratio Lower Upper

188 100

94 6.3 6.9 10.3#

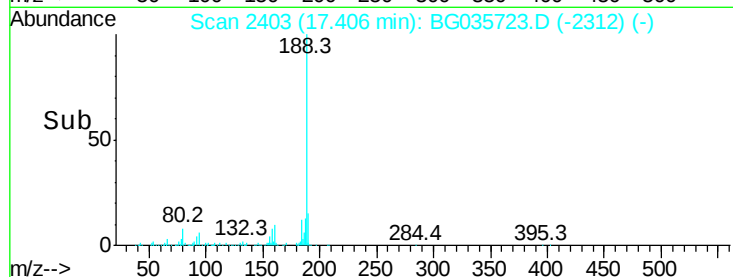
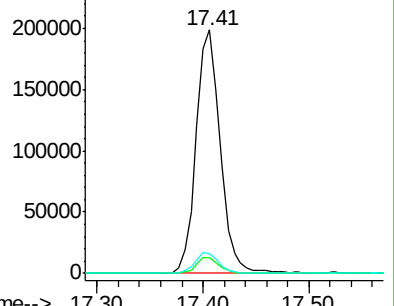
80 8.1 7.7 11.5



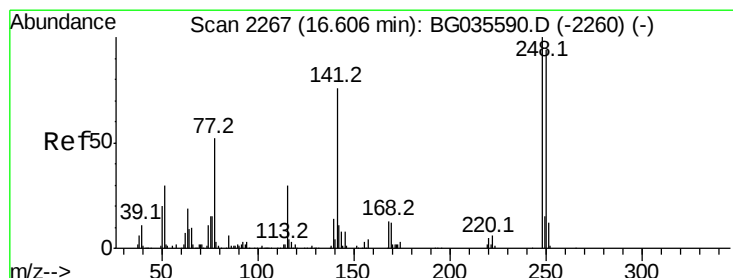
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time-->



#66

4-Bromophenyl-phenylether

Concen: 5.341 ng

RT: 16.15 min Scan# 2189

Delta R.T. -0.44 min

Lab File: BG035723.D

Acq: 18 Jul 2018 18:54

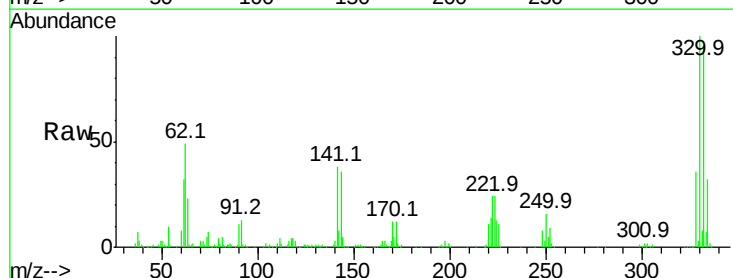
Tgt Ion:248 Resp: 19463

Ion Ratio Lower Upper

248 100

250 197.3 77.1 115.7#

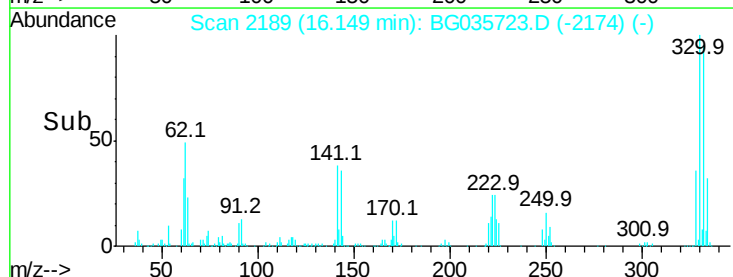
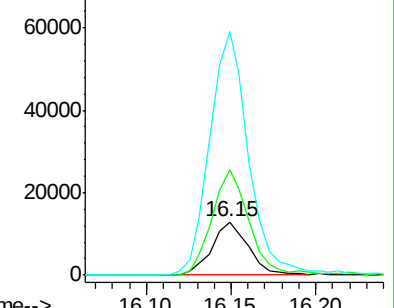
141 455.6 50.8 76.2#



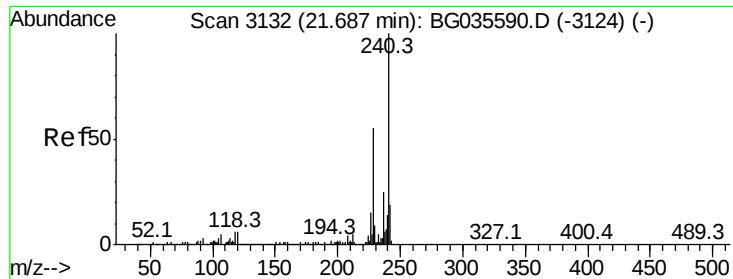
Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.67 min Scan# 3129

Delta R.T. -0.00 min

Lab File: BG035723.D

Acq: 18 Jul 2018 18:54

Instrument :

BNA_G

ClientSampleId :

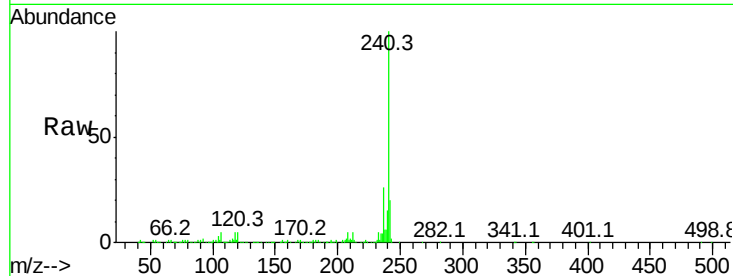
Tot Ion:240 Resp: 382106

Ion Ratio Lower Upper

240 100

120 5.2 6.8 10.2#

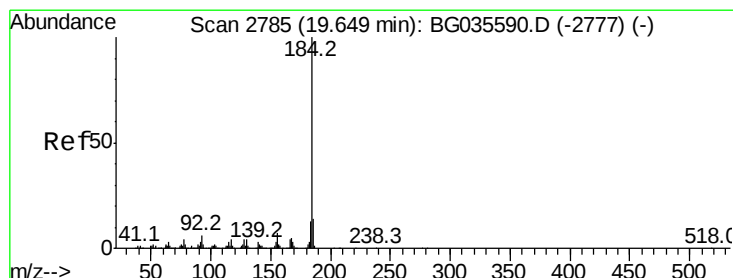
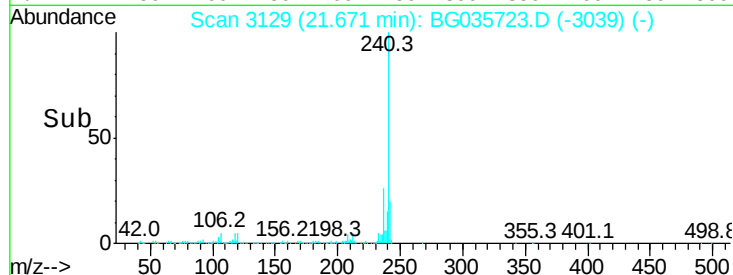
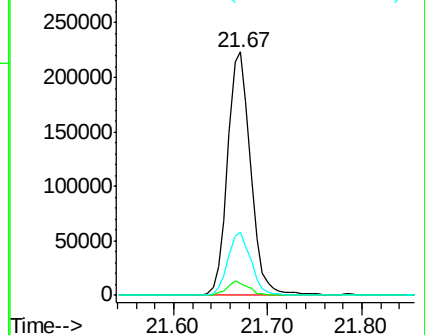
236 26.1 20.9 31.3



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: 3.124 ng

RT: 20.01 min Scan# 2847

Delta R.T. 0.38 min

Lab File: BG035723.D

Acq: 18 Jul 2018 18:54

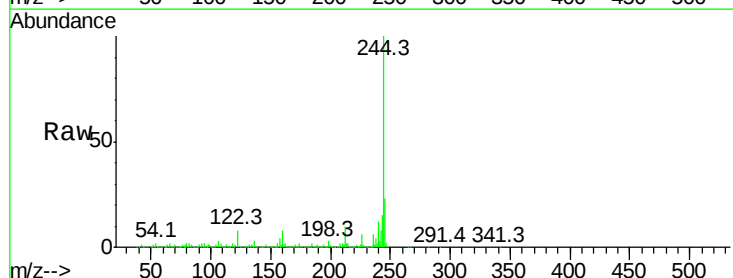
Tgt Ion:184 Resp: 31381

Ion Ratio Lower Upper

184 100

185 15.4 11.1 16.7

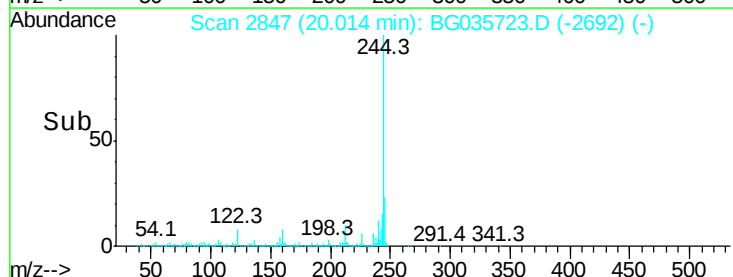
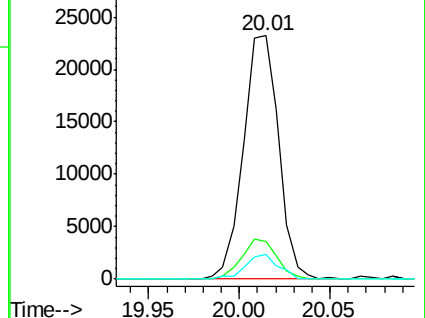
183 10.1 10.6 16.0#

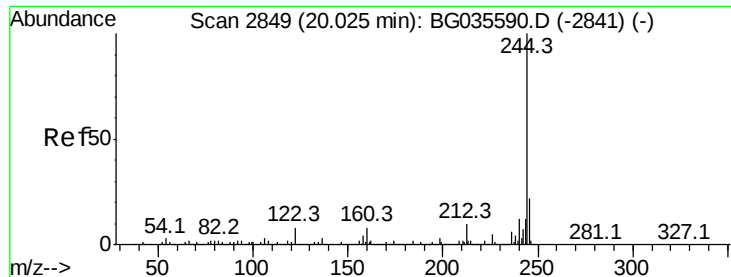


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

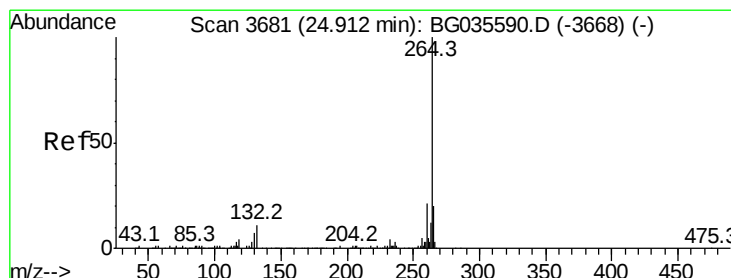
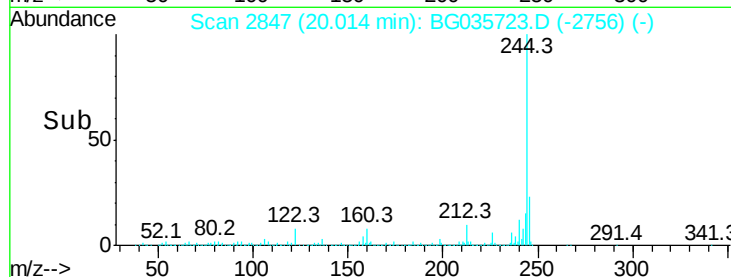
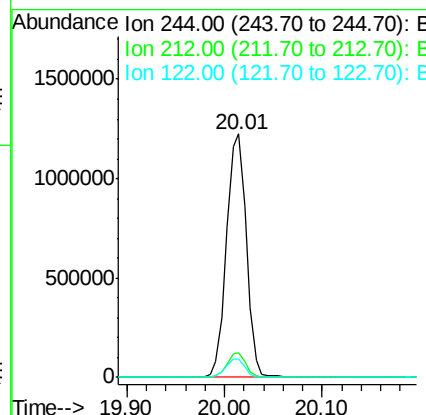
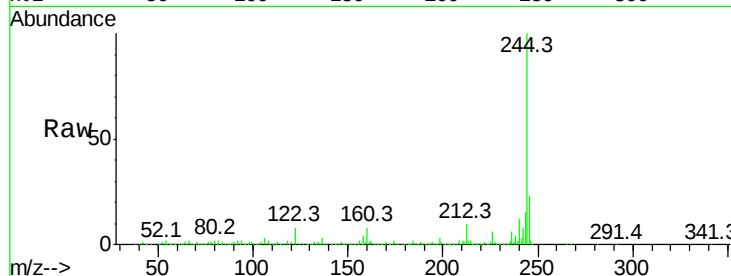




#78
 Terphenyl-d14
 Concen: 99.484 ng
 RT: 20.01 min Scan# 2847
 Delta R.T. 0.00 min
 Lab File: BG035723.D
 Acq: 18 Jul 2018 18:54

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:244 Resp: 1724517
 Ion Ratio Lower Upper
 244 100
 212 10.0 5.8 8.8#
 122 7.6 7.0 10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.88 min Scan# 3675
 Delta R.T. -0.00 min
 Lab File: BG035723.D
 Acq: 18 Jul 2018 18:54

Tgt Ion:264 Resp: 356392
 Ion Ratio Lower Upper
 264 100
 260 25.3 17.4 26.0
 265 22.5 17.7 26.5

