

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072618\
 Data File : BG035920.D
 Acq On : 26 Jul 2018 22:27
 Operator : JU/SJ
 Sample : J4142-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-15

Quant Time: Jul 27 01:28:30 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

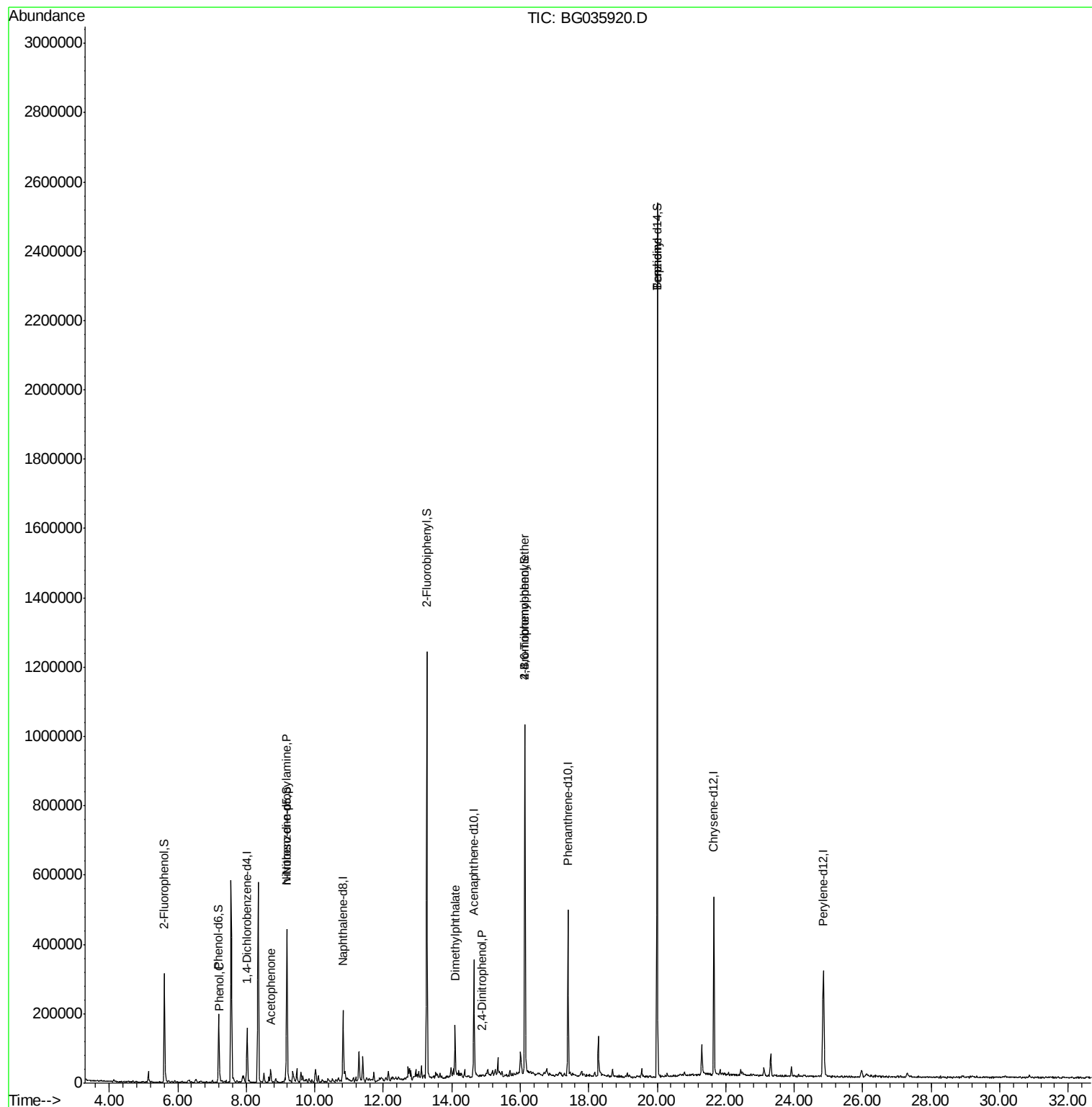
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	44744	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	169612	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	116061	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	307085	20.00	ng	0.00
75) Chrysene-d12	21.65	240	336739	20.00	ng	0.00
86) Perylene-d12	24.85	264	325290	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	146591	54.39	ng	0.00
7) Phenol-d6	7.19	99	124909	31.06	ng	0.00
23) Nitrobenzene-d5	9.19	82	303315	74.71	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	187045	122.27	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	681702	78.69	ng	0.00
78) Terphenyl-d14	20.00	244	1156744	75.72	ng	0.00
Target Compounds						
10) Phenol	7.22	94	11044	2.719	ng	93
19) n-Nitroso-di-n-propylamine	9.19	70	41188	12.164	ng	# 69
22) Acetophenone	8.72	105	13763	2.609	ng	# 62
49) Dimethylphthalate	14.10	163	99066	9.742	ng	99
53) 2,4-Dinitrophenol	14.89	184	56	6.630	ng	# 69
66) 4-Bromophenyl-phenylether	16.14	248	15701	4.407	ng	# 1
76) Benzidine	20.00	184	19910	2.249	ng	94

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

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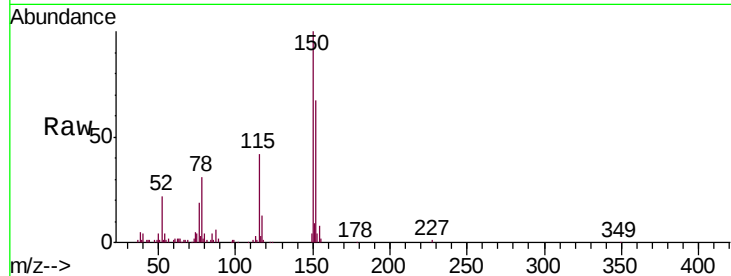


#1

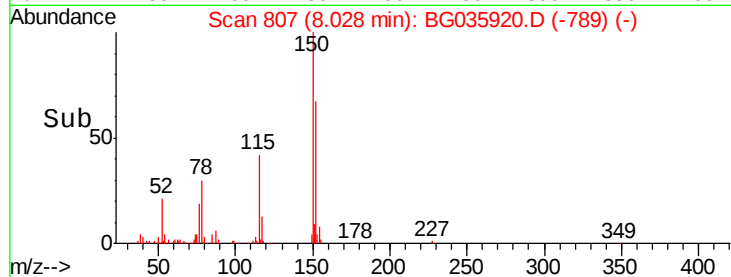
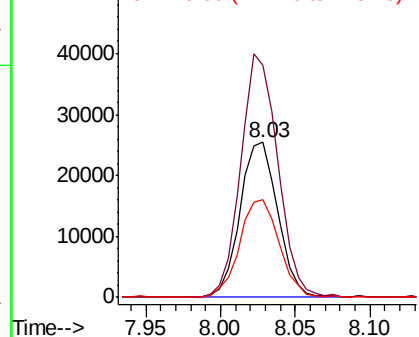
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. 0.00 min
Lab File: BG035920.D
Acq: 26 Jul 2018 22:27

Instrument :
BNA_G
ClientSampleId :
MW-15

Tgt Ion:152 Resp: 44744
Ion Ratio Lower Upper
152 100
150 150.1 126.6 189.8
115 63.2 53.0 79.4



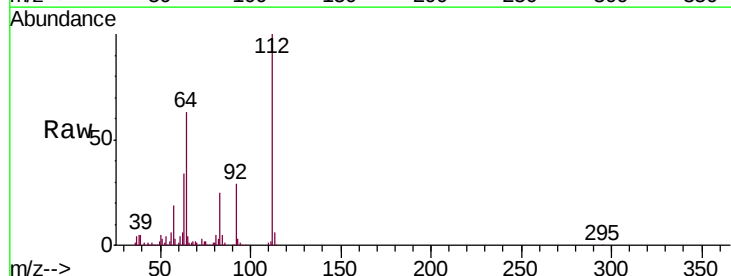
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



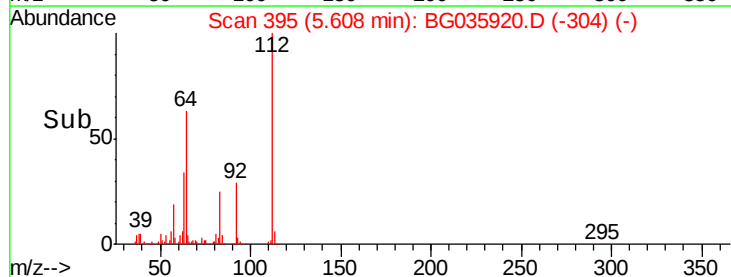
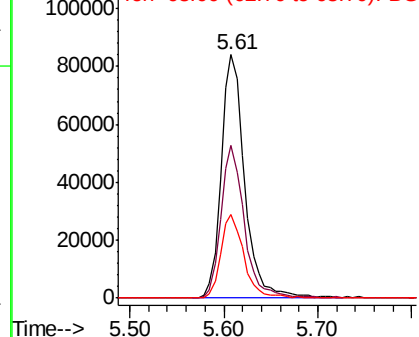
#5

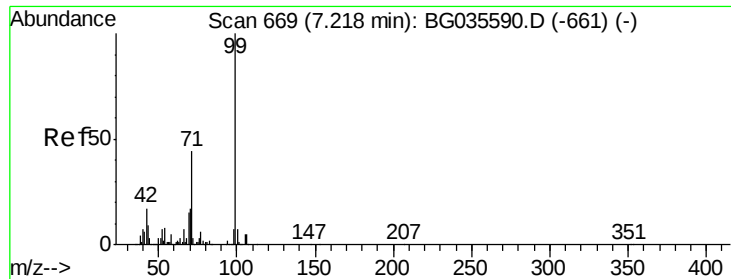
2-Fluorophenol
Concen: 54.393 ng
RT: 5.61 min Scan# 395
Delta R.T. 0.00 min
Lab File: BG035920.D
Acq: 26 Jul 2018 22:27

Tgt Ion:112 Resp: 146591
Ion Ratio Lower Upper
112 100
64 62.9 56.3 84.5
63 34.2 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: 31.064 ng

RT: 7.19 min Scan# 665

Delta R.T. -0.00 min

Lab File: BG035920.D

Acq: 26 Jul 2018 22:27

Instrument :

BNA_G

ClientSampleId :

MW-15

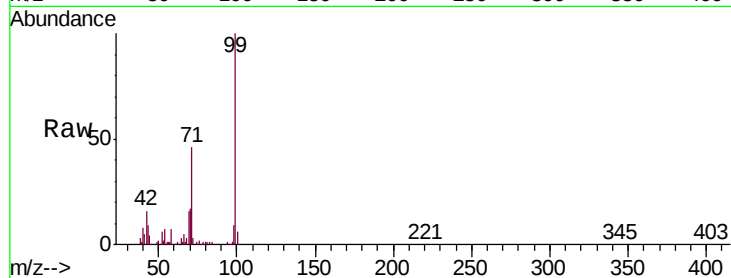
Tgt Ion: 99 Resp: 124909

Ion Ratio Lower Upper

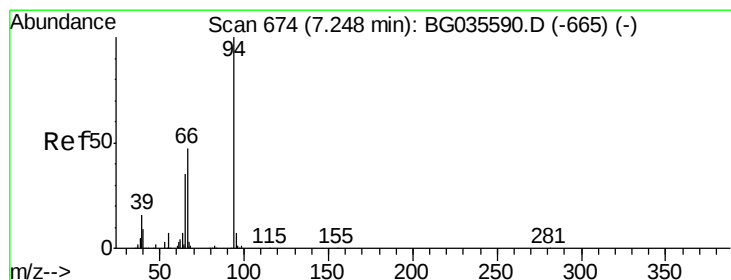
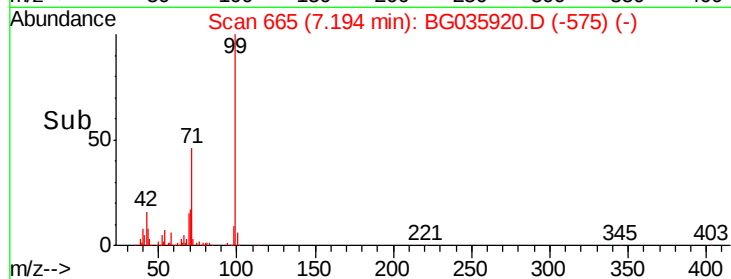
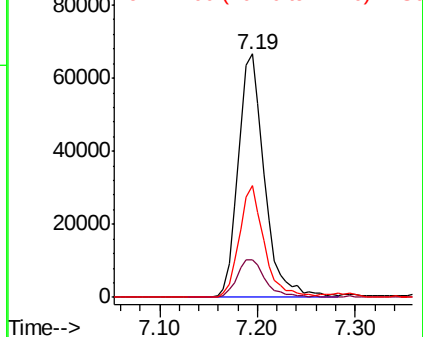
99 100

42 15.6 14.1 21.1

71 46.1 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: 2.719 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG035920.D

Acq: 26 Jul 2018 22:27

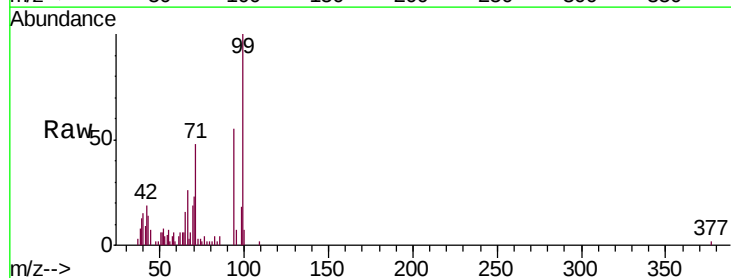
Tgt Ion: 94 Resp: 11044

Ion Ratio Lower Upper

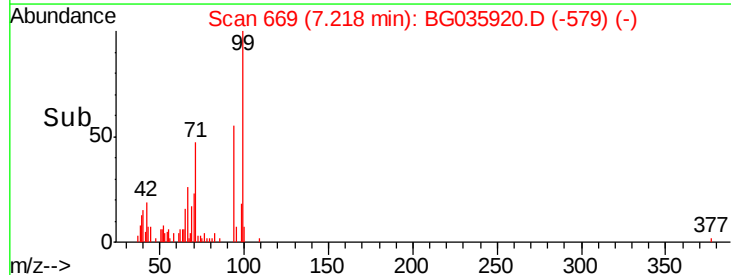
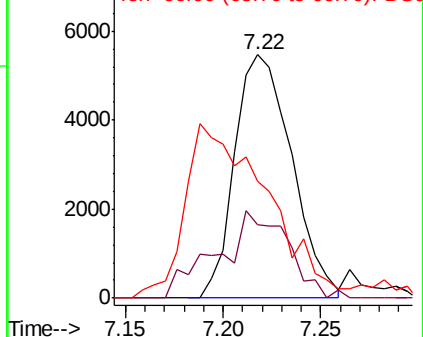
94 100

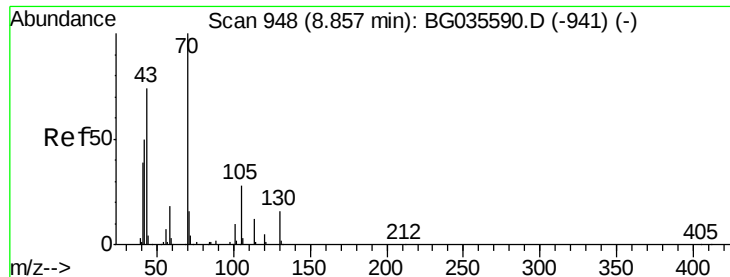
65 30.0 11.9 51.9

66 47.9 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

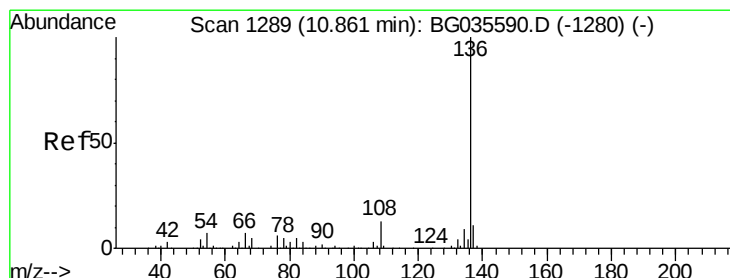
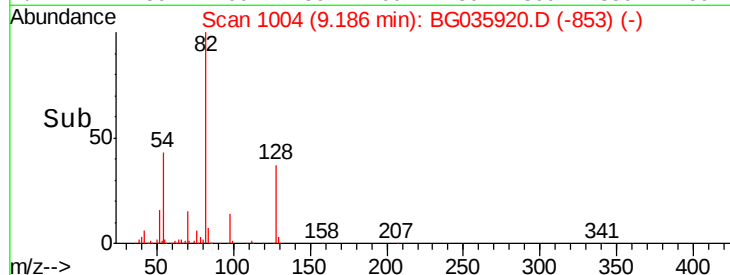
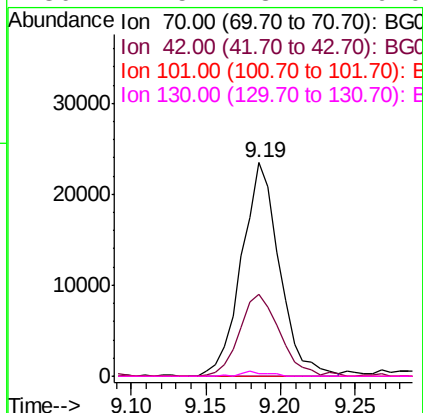
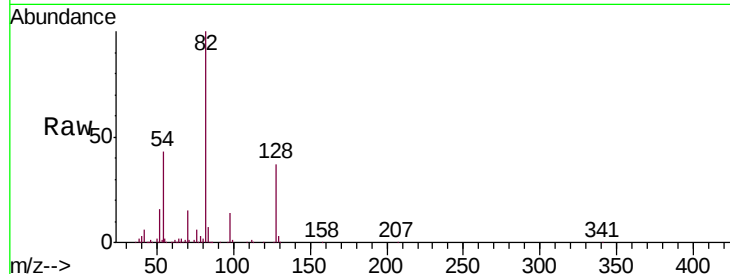




#19
n-Nitroso-di-n-propylamine
Concen: 12.164 ng
RT: 9.19 min Scan# 1004
Delta R.T. 0.36 min
Lab File: BG035920.D
Acq: 26 Jul 2018 22:27

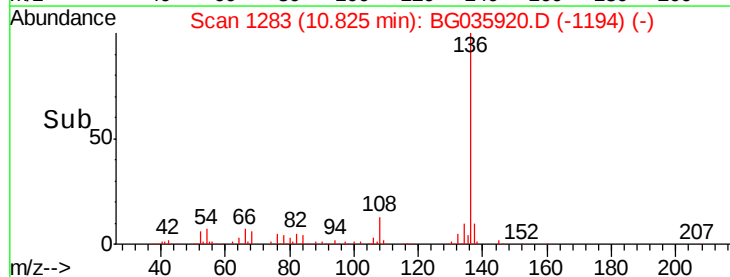
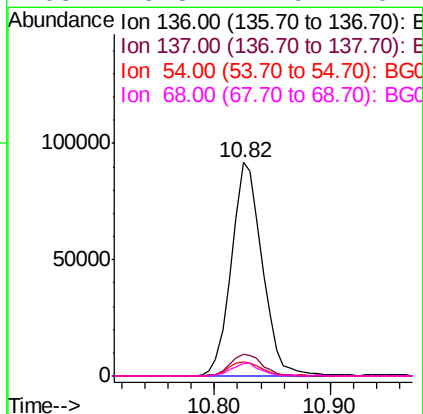
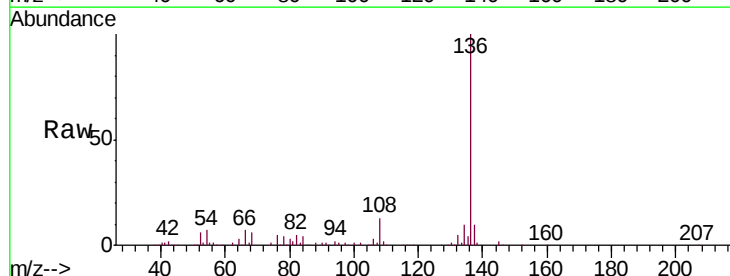
Instrument :
BNA_G
ClientSampleId :
MW-15

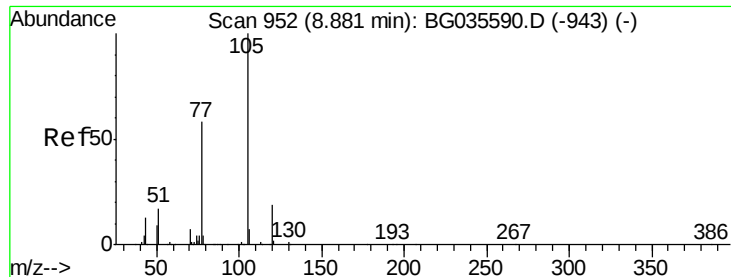
Tgt Ion: 70 Resp: 41188
Ion Ratio Lower Upper
70 100
42 38.3 49.1 73.7#
101 0.0 8.5 12.7#
130 1.5 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BG035920.D
Acq: 26 Jul 2018 22:27

Tgt Ion: 136 Resp: 169612
Ion Ratio Lower Upper
136 100
137 10.1 9.2 13.8
54 6.8 10.3 15.5#
68 5.8 4.5 6.7

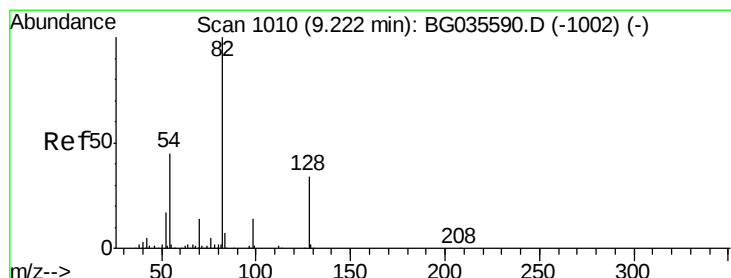
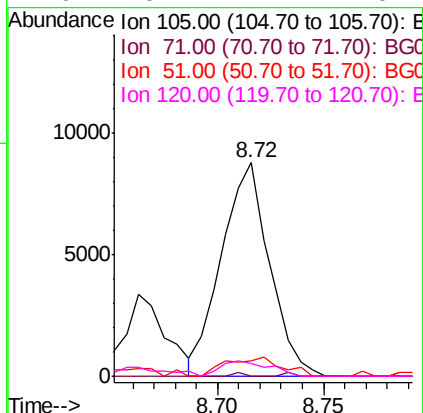
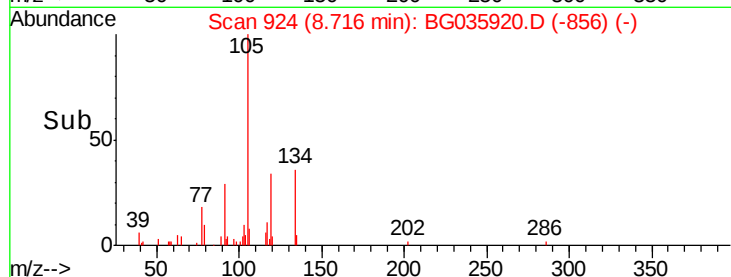
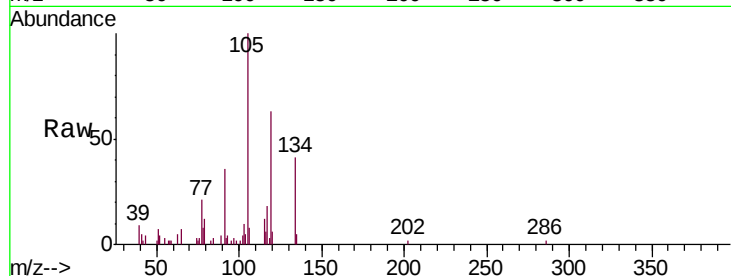




#22
Acetophenone
Concen: 2.609 ng
RT: 8.72 min Scan# 924
Delta R.T. -0.13 min
Lab File: BG035920.D
Acq: 26 Jul 2018 22:27

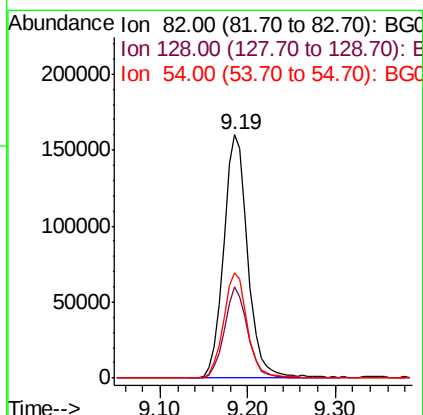
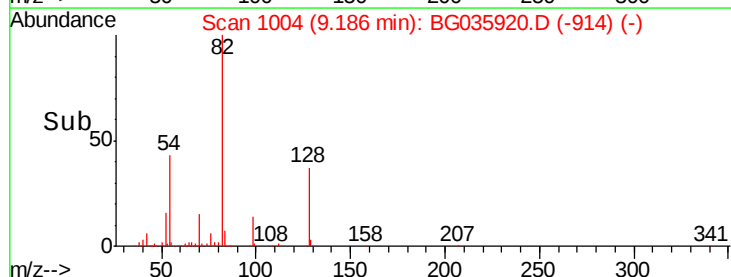
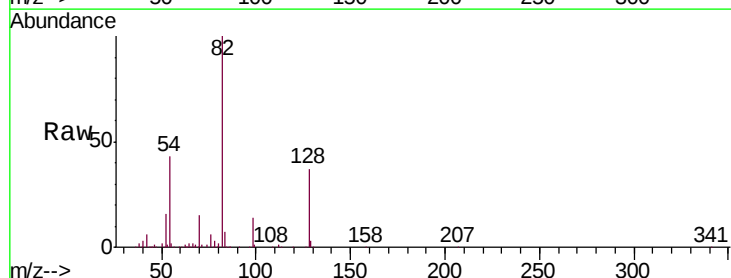
Instrument :
BNA_G
ClientSampleId :
MW-15

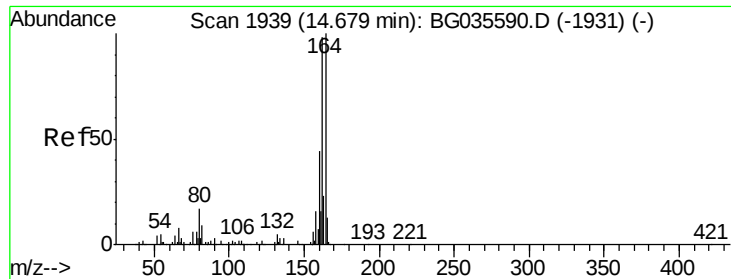
Tgt Ion: 105 Resp: 13763
Ion Ratio Lower Upper
105 100
71 0.0 3.0 4.4#
51 7.1 26.1 39.1#
120 6.2 17.4 26.2#



#23
Nitrobenzene-d5
Concen: 74.705 ng
RT: 9.19 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BG035920.D
Acq: 26 Jul 2018 22:27

Tgt Ion: 82 Resp: 303315
Ion Ratio Lower Upper
82 100
128 37.4 29.7 44.5
54 43.1 43.1 64.7#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1934

Delta R.T. -0.00 min

Lab File: BG035920.D

Acq: 26 Jul 2018 22:27

Instrument :

BNA_G

ClientSampleId :

MW-15

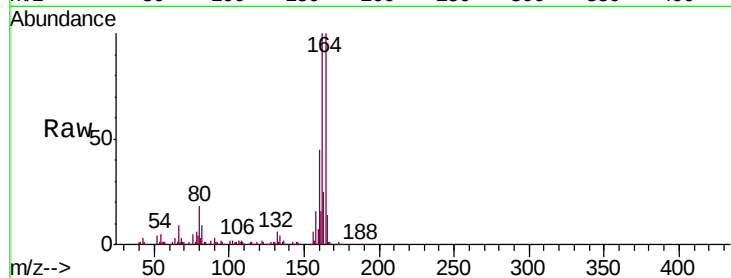
Tgt Ion:164 Resp: 116061

Ion Ratio Lower Upper

164 100

162 99.8 78.8 118.2

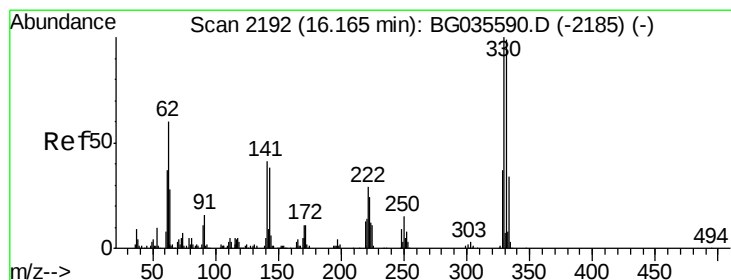
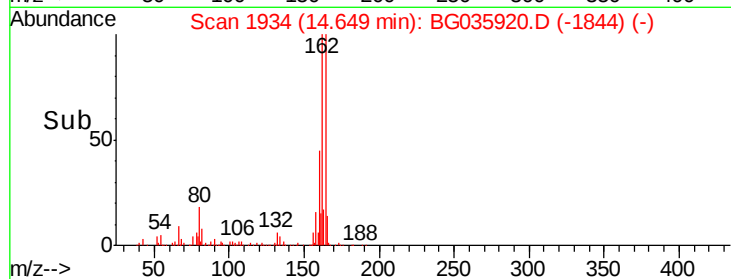
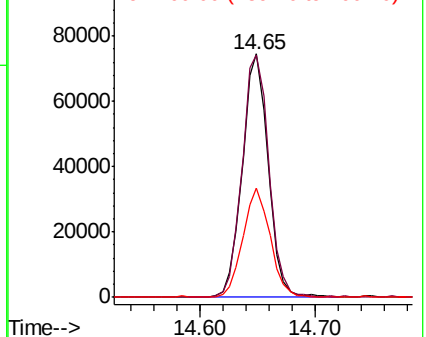
160 45.1 35.4 53.0



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: 122.271 ng

RT: 16.14 min Scan# 2188

Delta R.T. -0.00 min

Lab File: BG035920.D

Acq: 26 Jul 2018 22:27

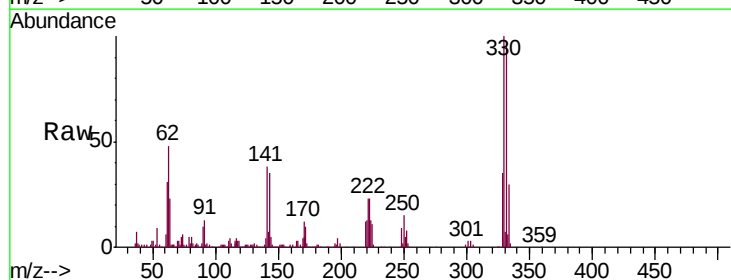
Tgt Ion:330 Resp: 187045

Ion Ratio Lower Upper

330 100

332 94.9 77.0 115.6

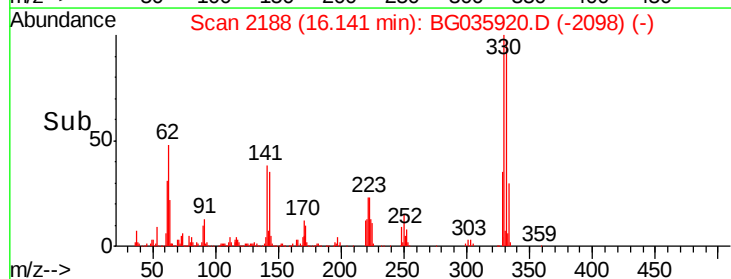
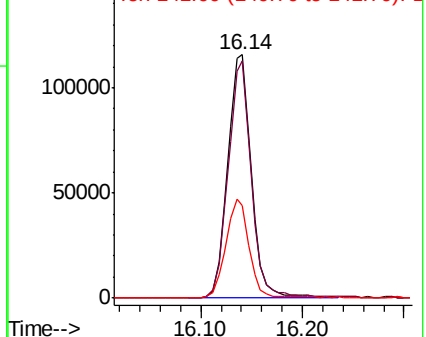
141 40.0 25.2 37.8#

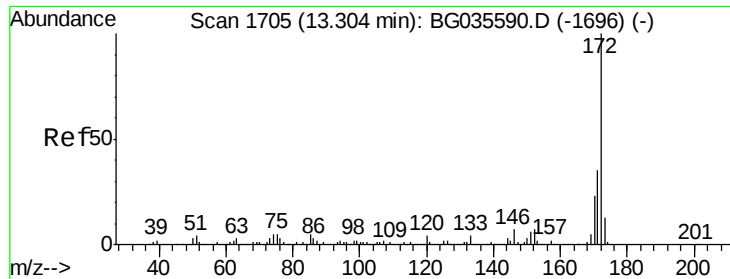


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

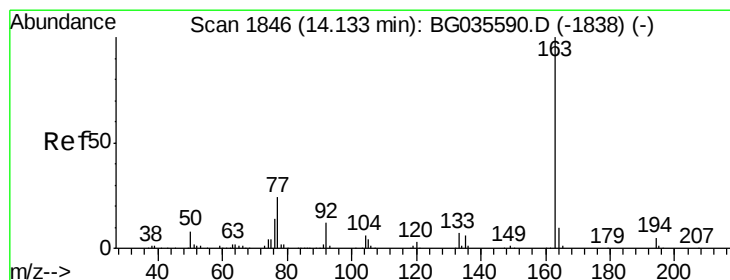
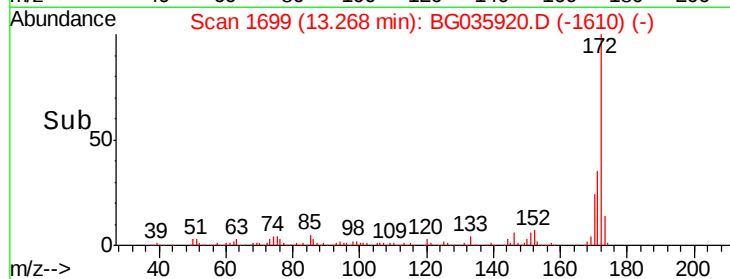
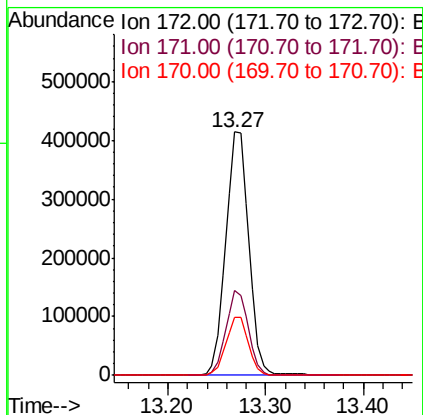
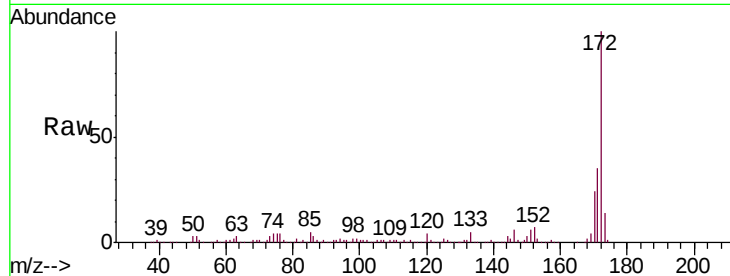




#44
 2-Fluorobiphenyl
 Concen: 78.692 ng
 RT: 13.27 min Scan# 1699
 Delta R.T. -0.01 min
 Lab File: BG035920.D
 Acq: 26 Jul 2018 22:27

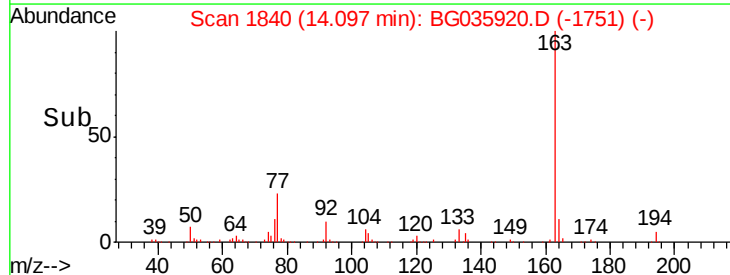
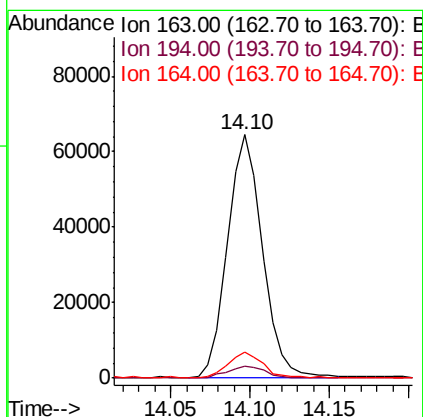
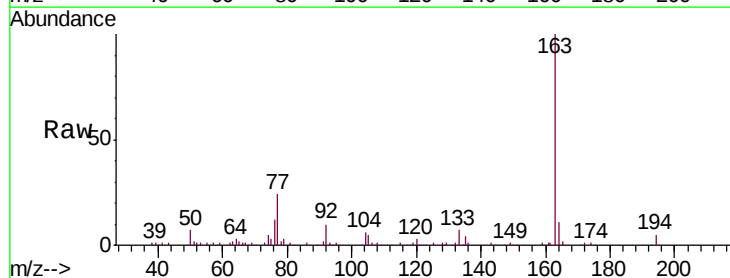
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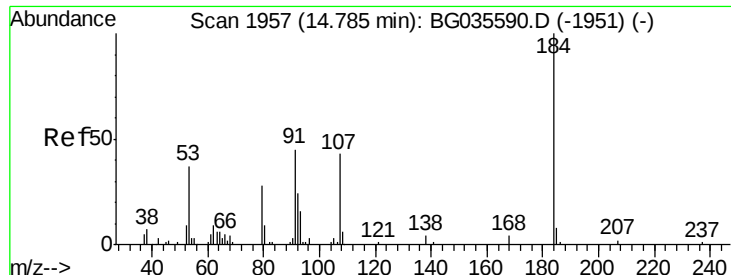
Tgt Ion:172 Resp: 681702
 Ion Ratio Lower Upper
 172 100
 171 35.0 30.0 45.0
 170 23.6 19.5 29.3



#49
 Dimethylphthalate
 Concen: 9.742 ng
 RT: 14.10 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BG035920.D
 Acq: 26 Jul 2018 22:27

Tgt Ion:163 Resp: 99066
 Ion Ratio Lower Upper
 163 100
 194 5.1 3.4 5.2
 164 10.6 8.2 12.4

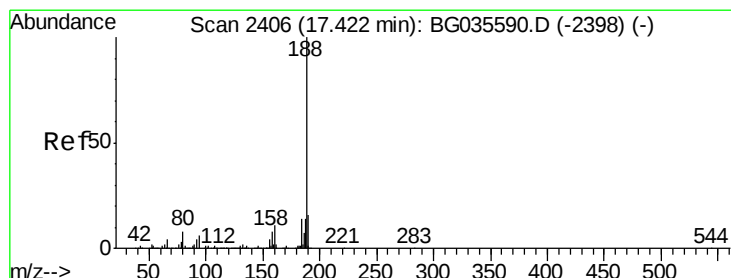
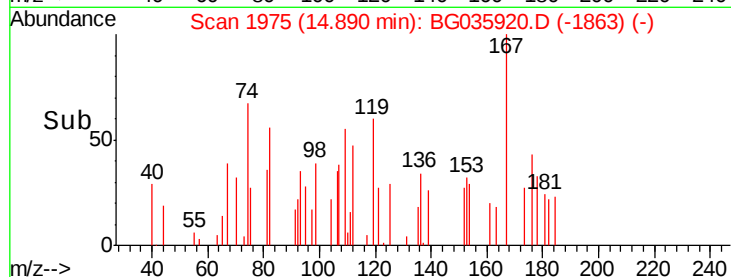
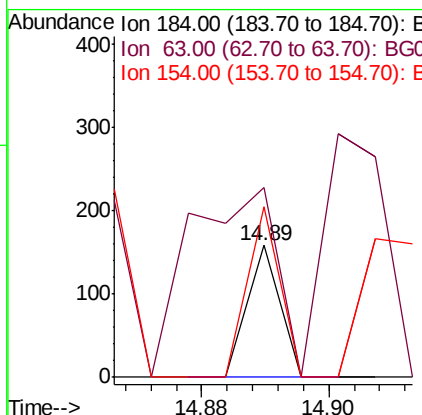
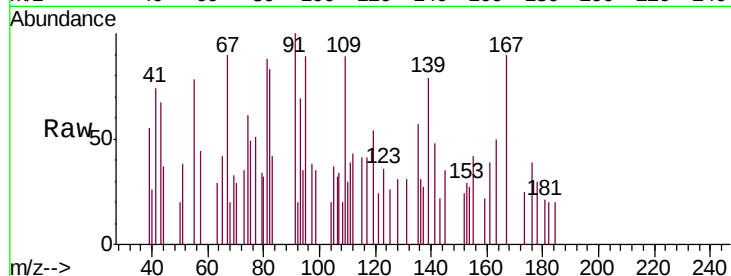




#53
2,4-Dinitrophenol
Concen: 6.630 ng
RT: 14.89 min Scan# 1975
Delta R.T. 0.13 min
Lab File: BG035920.D
Acq: 26 Jul 2018 22:27

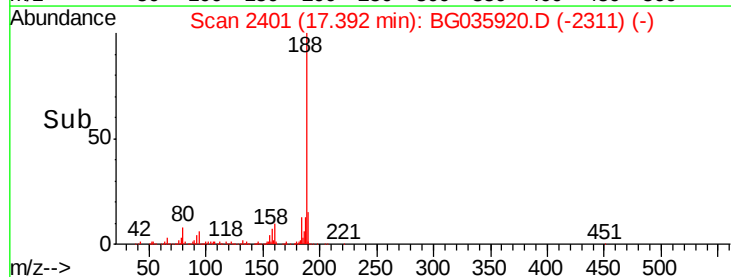
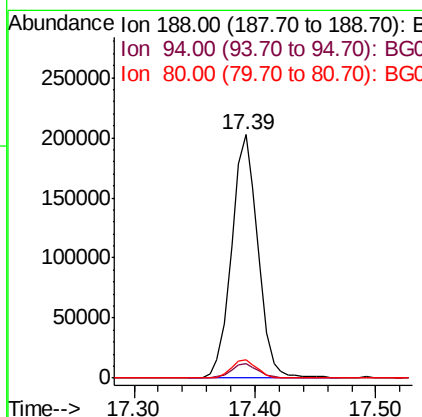
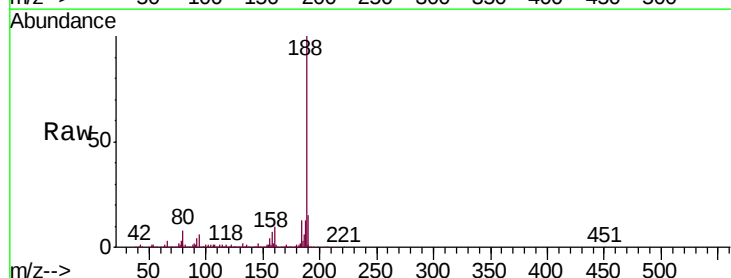
Instrument :
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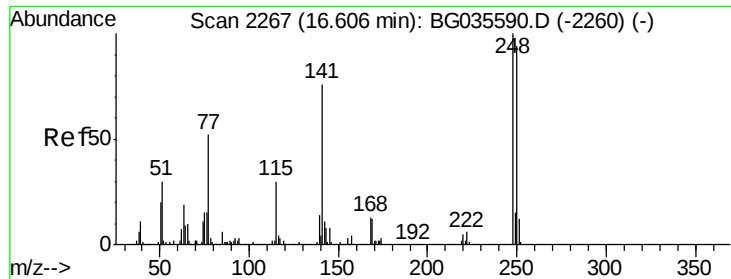
Tgt Ion:184 Resp: 56
Ion Ratio Lower Upper
184 100
63 143.7 59.8 89.8#
154 129.7 101.8 152.8



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2401
Delta R.T. -0.00 min
Lab File: BG035920.D
Acq: 26 Jul 2018 22:27

Tgt Ion:188 Resp: 307085
Ion Ratio Lower Upper
188 100
94 5.7 6.9 10.3#
80 7.6 7.7 11.5#

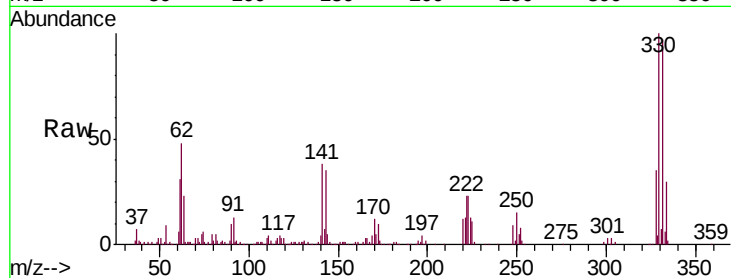




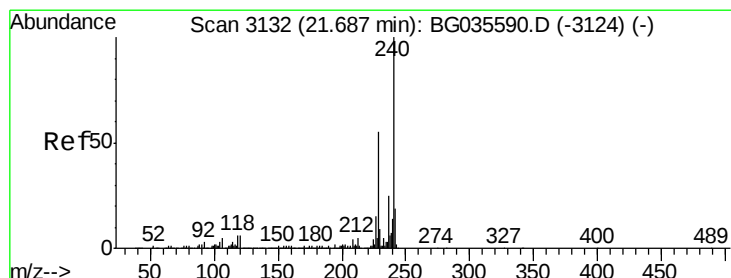
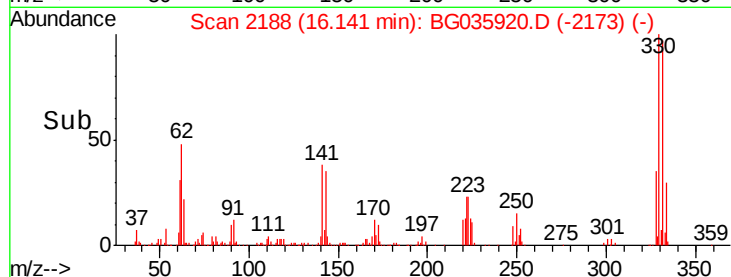
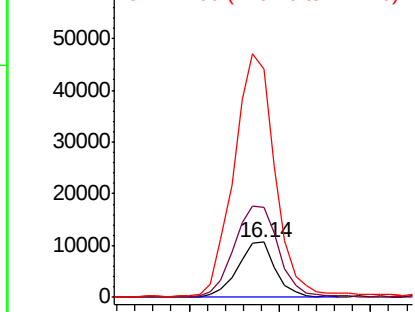
#66
 4-Bromophenyl-phenylether
 Concen: 4.407 ng
 RT: 16.14 min Scan# 2188
 Delta R.T. -0.44 min
 Lab File: BG035920.D
 Acq: 26 Jul 2018 22:27

Instrument :
 BNA_G
 ClientSampleId :
 MW-15

Tgt Ion:248 Resp: 15701
 Ion Ratio Lower Upper
 248 100
 250 163.5 77.1 115.7#
 141 414.8 50.8 76.2#

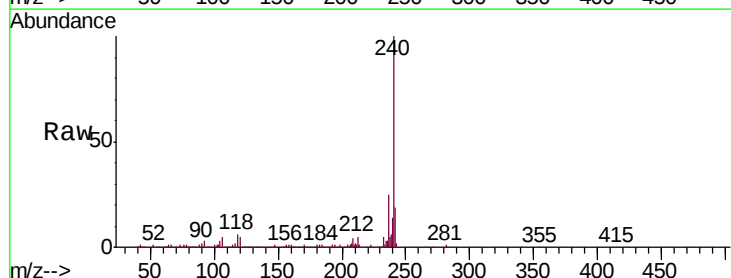


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

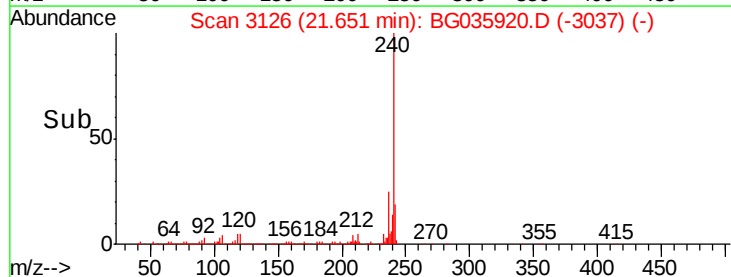
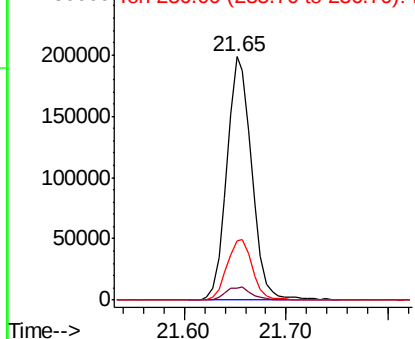


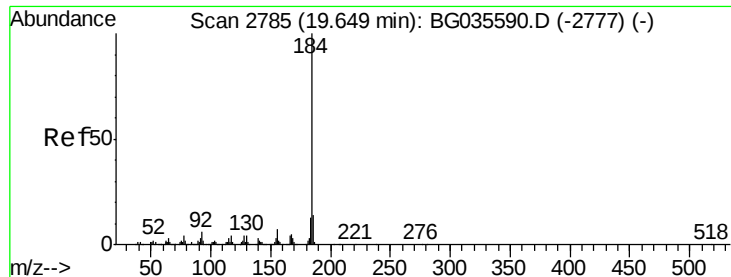
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.65 min Scan# 3126
 Delta R.T. -0.01 min
 Lab File: BG035920.D
 Acq: 26 Jul 2018 22:27

Tgt Ion:240 Resp: 336739
 Ion Ratio Lower Upper
 240 100
 120 5.1 6.8 10.2#
 236 24.6 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: 2.249 ng

RT: 20.00 min Scan# 2845

Delta R.T. 0.37 min

Lab File: BG035920.D

Acq: 26 Jul 2018 22:27

Instrument :

BNA_G

ClientSampleId :

MW-15

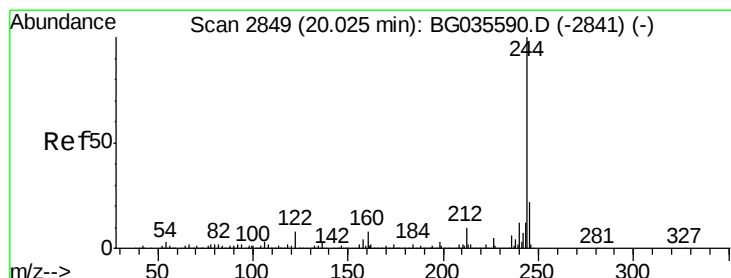
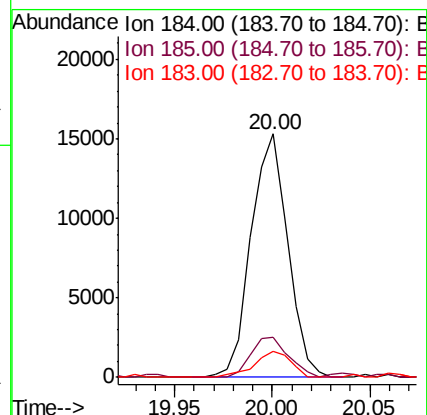
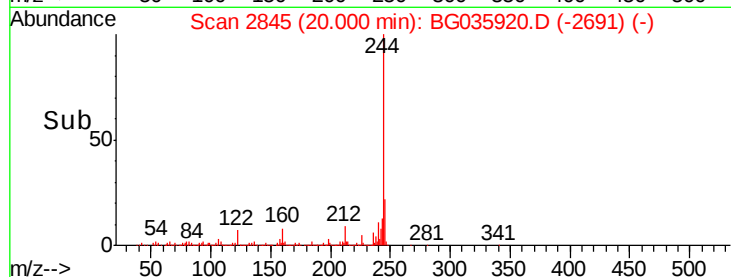
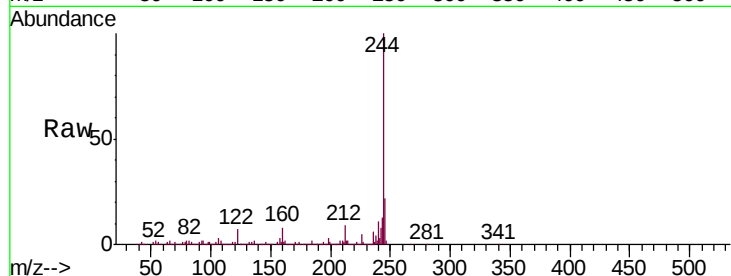
Tgt Ion:184 Resp: 19910

Ion Ratio Lower Upper

184 100

185 16.4 11.1 16.7

183 10.8 10.6 16.0



#78

Terphenyl-d14

Concen: 75.721 ng

RT: 20.00 min Scan# 2845

Delta R.T. -0.00 min

Lab File: BG035920.D

Acq: 26 Jul 2018 22:27

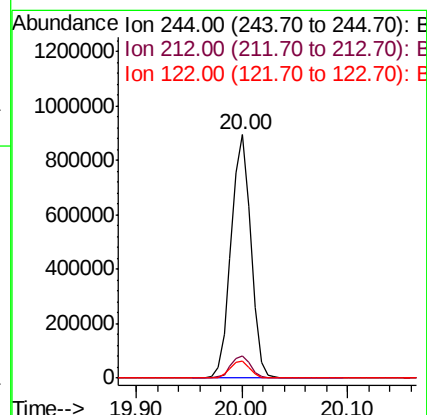
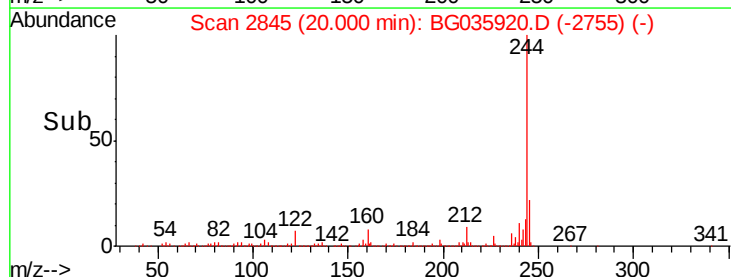
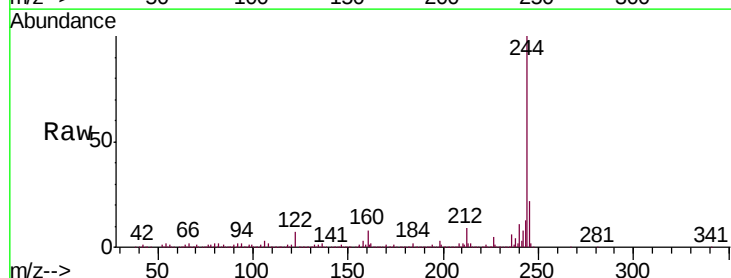
Tgt Ion:244 Resp: 1156744

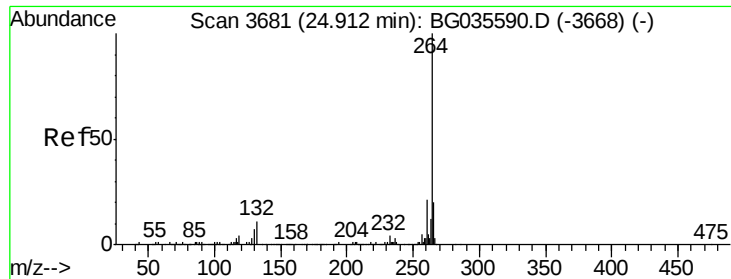
Ion Ratio Lower Upper

244 100

212 9.1 5.8 8.8#

122 6.8 7.0 10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.85 min Scan# 3670
Delta R.T. -0.01 min
Lab File: BG035920.D
Acq: 26 Jul 2018 22:27

Instrument :
BNA_G
ClientSampleId :
MW-15

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.7	17.4	26.0
265	19.5	17.7	26.5

