

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072618\
 Data File : BG035923.D
 Acq On : 27 Jul 2018 00:25
 Operator : JU/SJ
 Sample : J4163-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-14

Quant Time: Jul 27 01:29:03 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

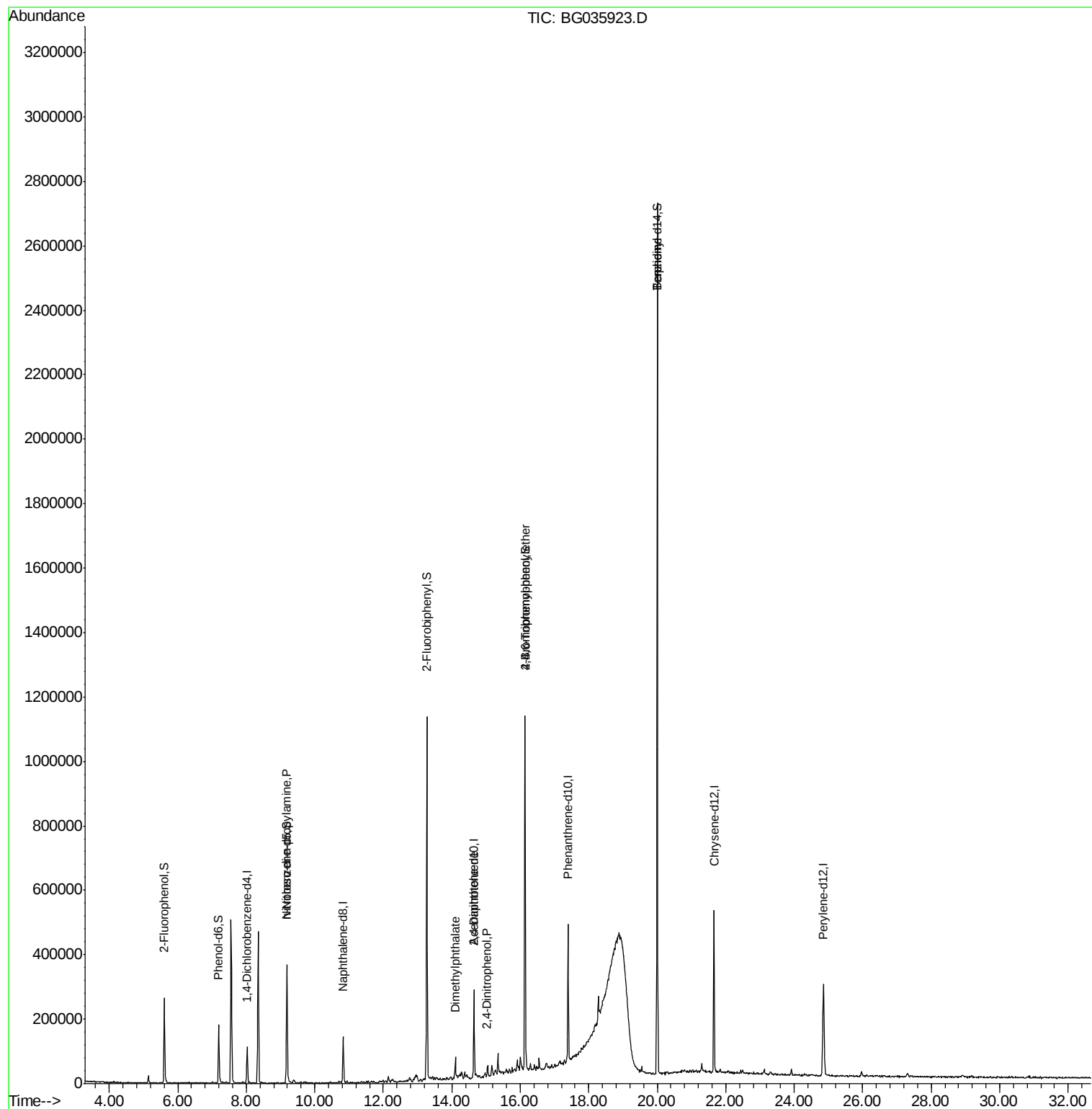
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	33930	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	127752	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	95392	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	277559	20.00	ng	0.00
75) Chrysene-d12	21.66	240	315301	20.00	ng	0.00
86) Perylene-d12	24.85	264	299360	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	124491	60.91	ng	0.00
7) Phenol-d6	7.19	99	121353	39.80	ng	0.00
23) Nitrobenzene-d5	9.18	82	262758	85.92	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	204017	162.26	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	629296	88.38	ng	0.00
78) Terphenyl-d14	20.00	244	1277779	89.33	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.18	70	35722	13.912	ng	# 67
49) Dimethylphthalate	14.10	163	43351	5.187	ng	# 98
53) 2,4-Dinitrophenol	15.02	184	63	6.648	ng	# 20
56) 2,4-Dinitrotoluene	14.65	165	12908	5.287	ng	# 18
66) 4-Bromophenyl-phenylether	16.13	248	16834	5.228	ng	# 1
76) Benzidine	20.00	184	21353	2.576	ng	# 92

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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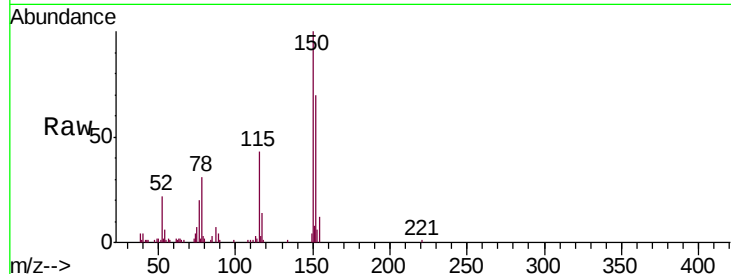


#1

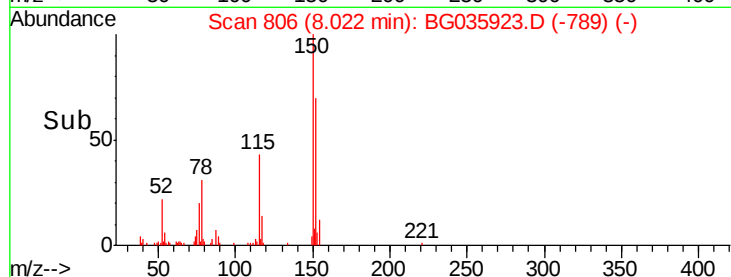
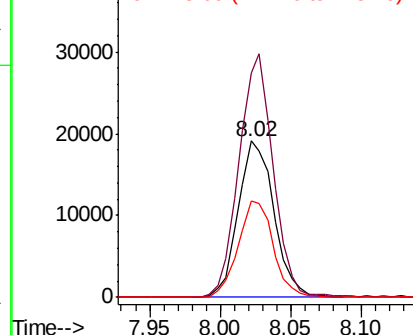
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 806
Delta R.T. -0.00 min
Lab File: BG035923.D
Acq: 27 Jul 2018 00:25

Instrument :
BNA_G
ClientSampleId :
MW-14

Tgt Ion:152 Resp: 33930
Ion Ratio Lower Upper
152 100
150 143.7 126.6 189.8
115 62.1 53.0 79.4



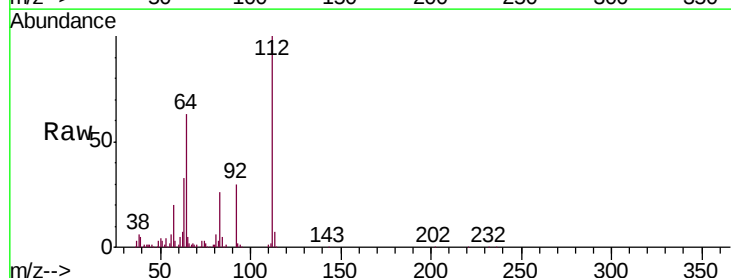
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



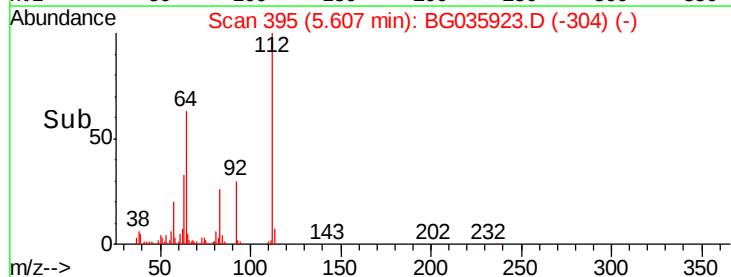
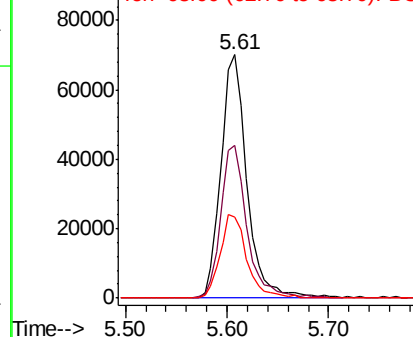
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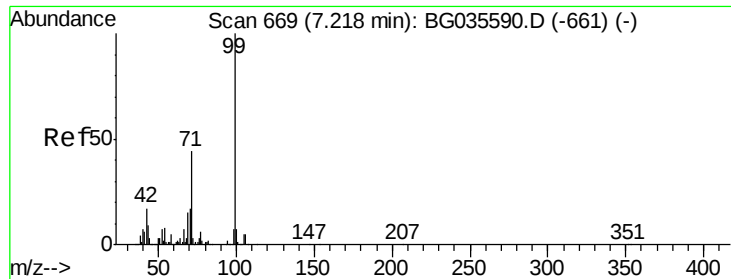
2-Fluorophenol
Concen: 60.915 ng
RT: 5.61 min Scan# 395
Delta R.T. 0.00 min
Lab File: BG035923.D
Acq: 27 Jul 2018 00:25

Tgt Ion:112 Resp: 124491
Ion Ratio Lower Upper
112 100
64 62.7 56.3 84.5
63 33.5 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: 39.799 ng

RT: 7.19 min Scan# 665

Delta R.T. -0.00 min

Lab File: BG035923.D

Acq: 27 Jul 2018 00:25

Instrument :

BNA_G

ClientSampleId :

MW-14

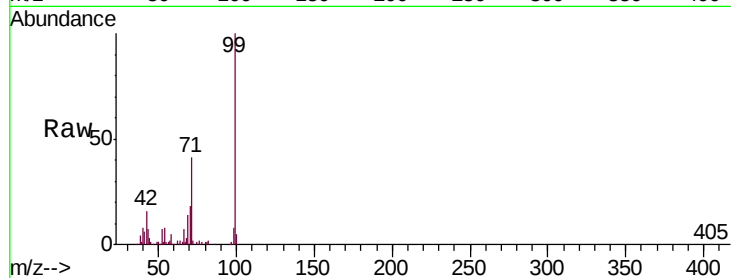
Tgt Ion: 99 Resp: 121353

Ion Ratio Lower Upper

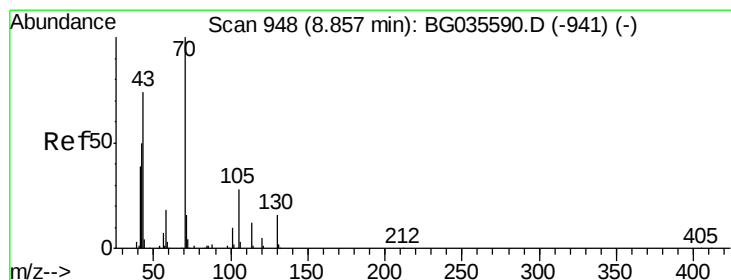
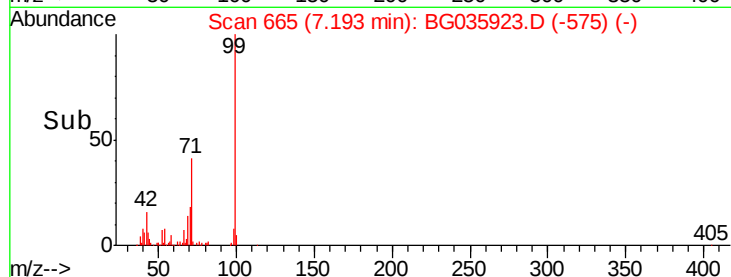
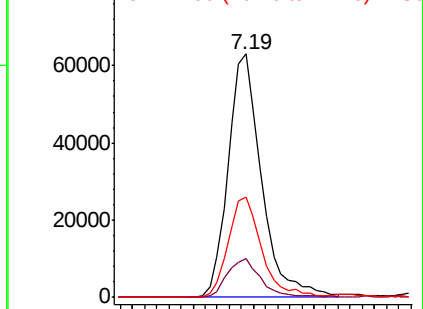
99 100

42 15.9 14.1 21.1

71 41.1 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



#19

n-Nitroso-di-n-propylamine

Concen: 13.912 ng

RT: 9.18 min Scan# 1004

Delta R.T. 0.36 min

Lab File: BG035923.D

Acq: 27 Jul 2018 00:25

Tgt Ion: 70 Resp: 35722

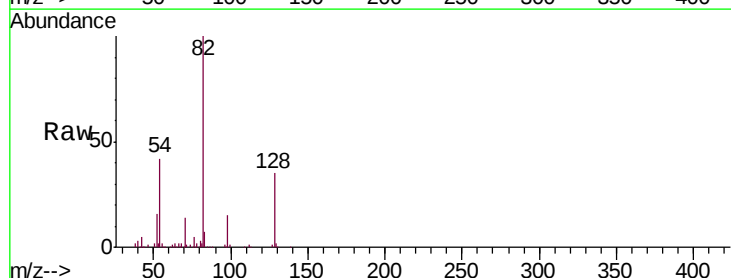
Ion Ratio Lower Upper

70 100

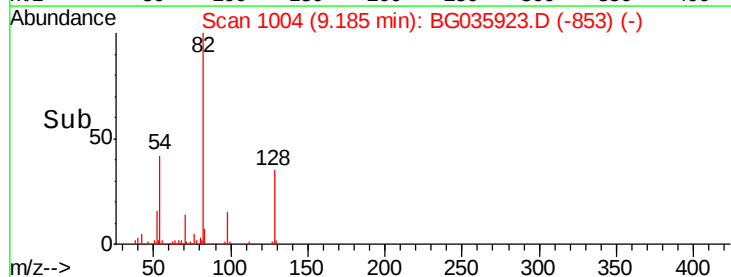
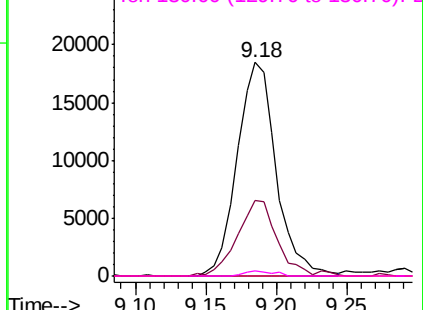
42 35.6 49.1 73.7#

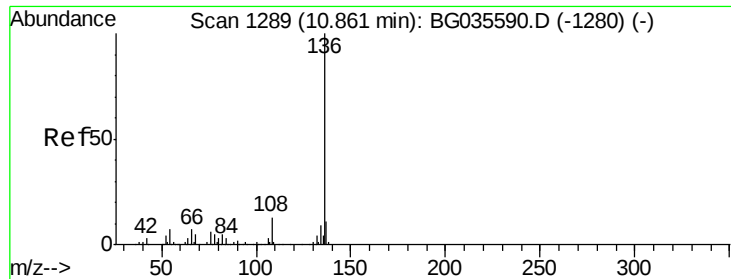
101 0.0 8.5 12.7#

130 2.3 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

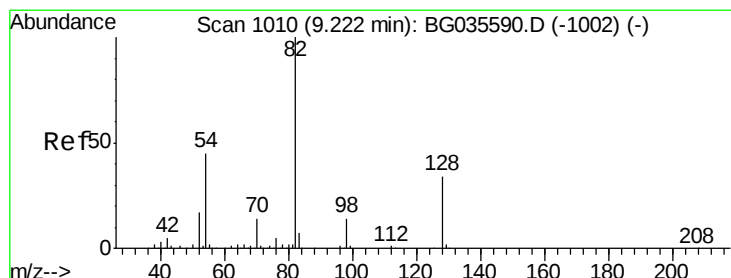
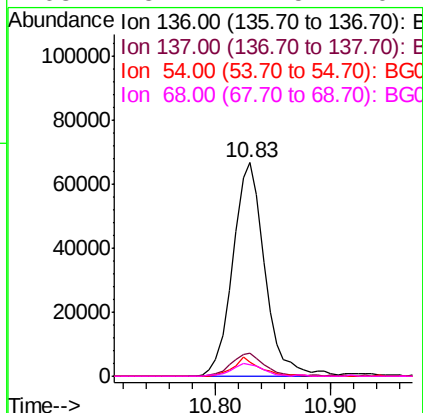
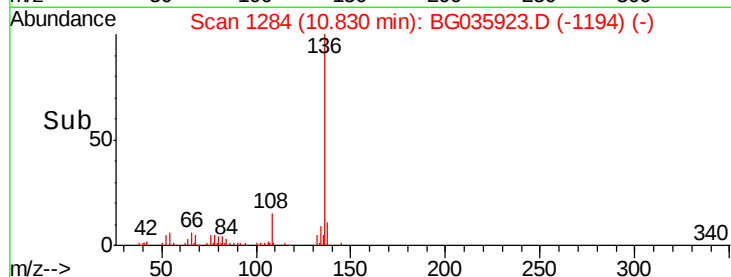
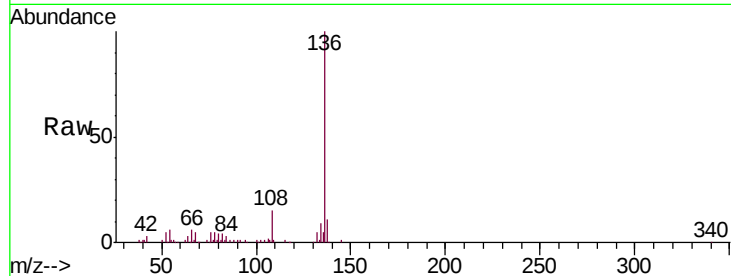




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BG035923.D
Acq: 27 Jul 2018 00:25

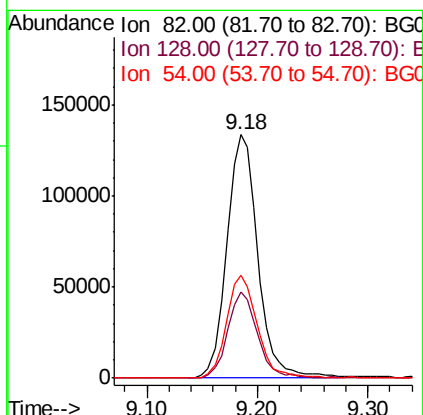
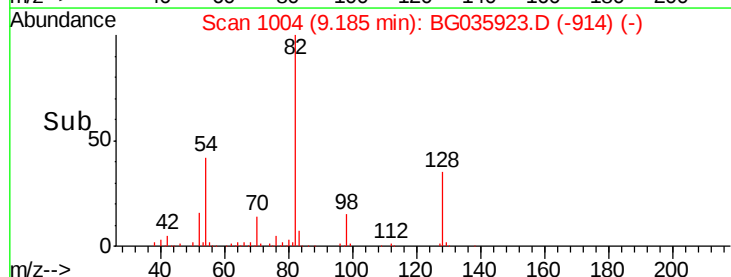
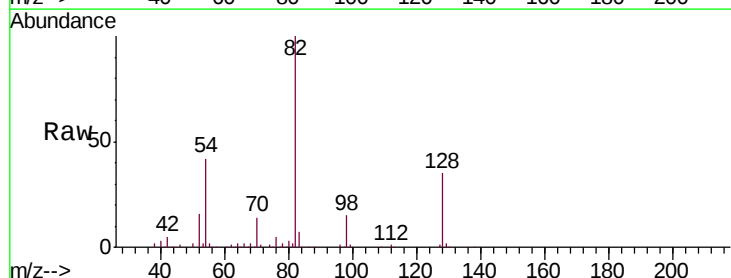
Instrument :
BNA_G
ClientSampleId :
MW-14

Tgt Ion:	136	Resp:	127752
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.2	13.8
54	6.3	10.3	15.5#
68	5.2	4.5	6.7



#23
Nitrobenzene-d5
Concen: 85.922 ng
RT: 9.18 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BG035923.D
Acq: 27 Jul 2018 00:25

Tgt Ion:	82	Resp:	262758
Ion	Ratio	Lower	Upper
82	100		
128	35.5	29.7	44.5
54	42.2	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: BG035923.D

Acq: 27 Jul 2018 00:25

Instrument :

BNA_G

ClientSampleId :

MW-14

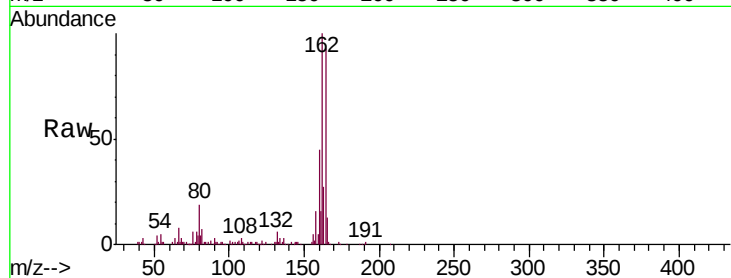
Tgt Ion:164 Resp: 95392

Ion Ratio Lower Upper

164 100

162 108.1 78.8 118.2

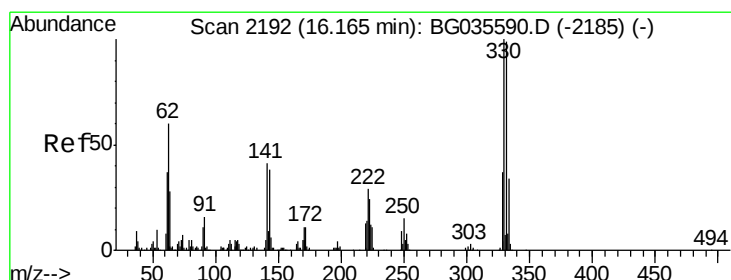
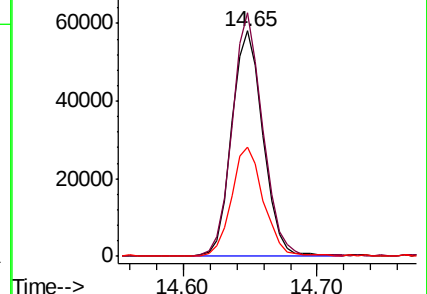
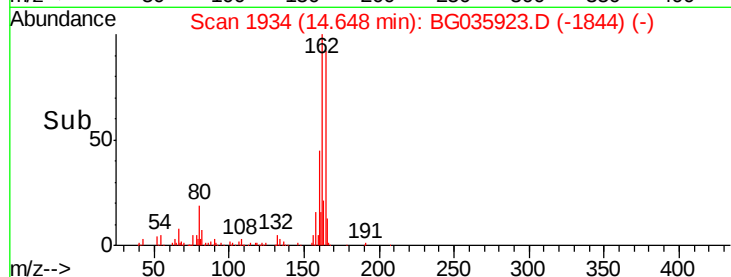
160 48.3 35.4 53.0



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: 162.262 ng

RT: 16.14 min Scan# 2188

Delta R.T. -0.00 min

Lab File: BG035923.D

Acq: 27 Jul 2018 00:25

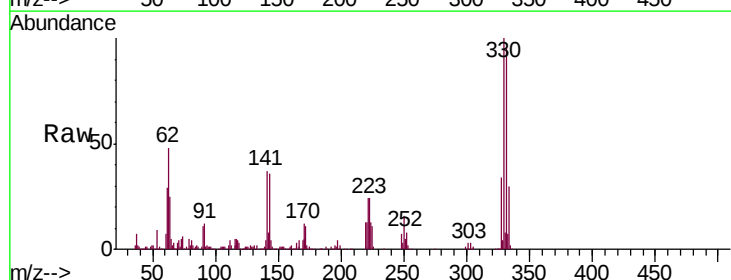
Tgt Ion:330 Resp: 204017

Ion Ratio Lower Upper

330 100

332 95.6 77.0 115.6

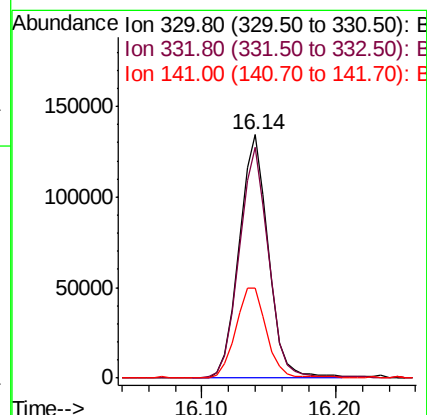
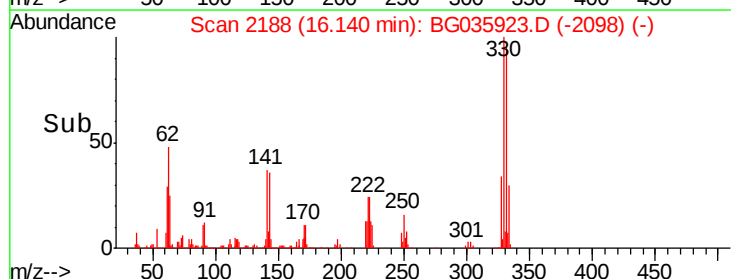
141 40.0 25.2 37.8#

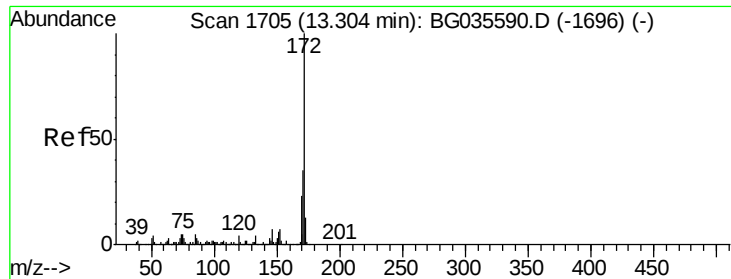


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

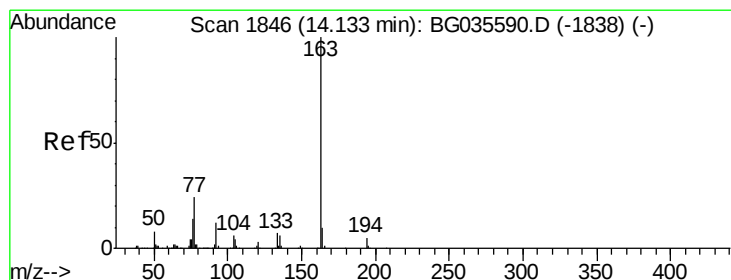
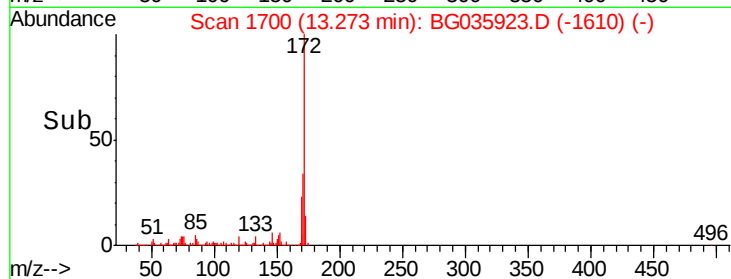
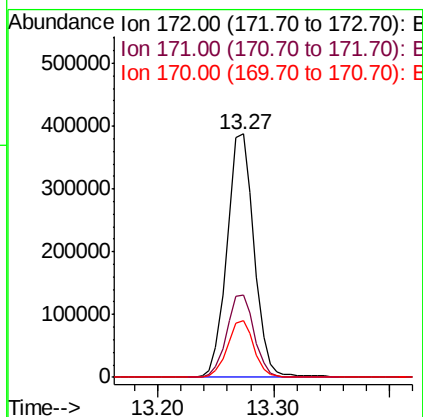
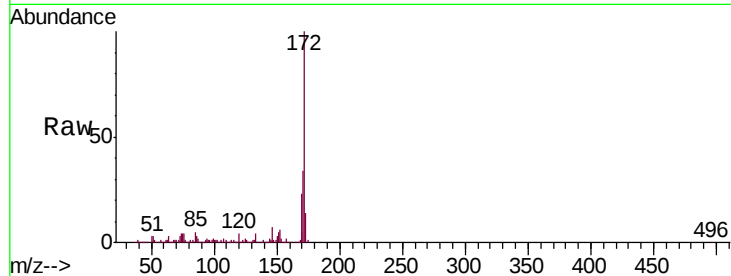




#44
2-Fluorobiphenyl
Concen: 88.382 ng
RT: 13.27 min Scan# 1700
Delta R.T. -0.00 min
Lab File: BG035923.D
Acq: 27 Jul 2018 00:25

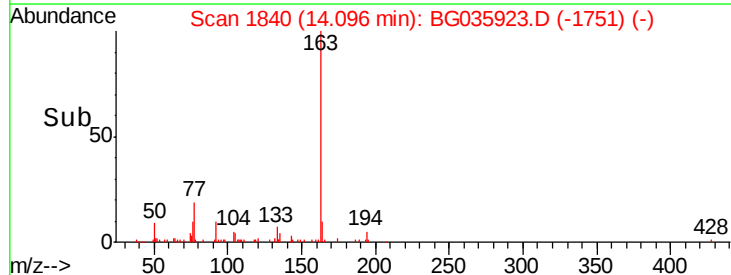
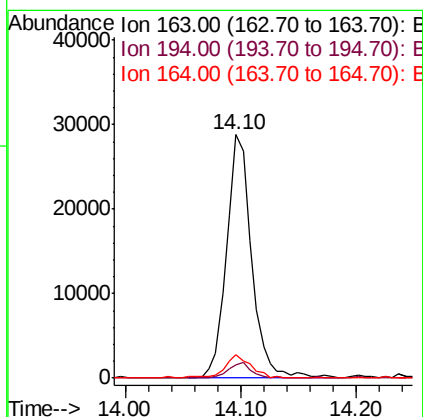
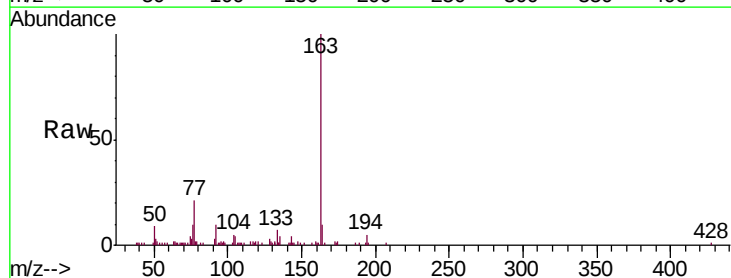
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ClientSampleId :
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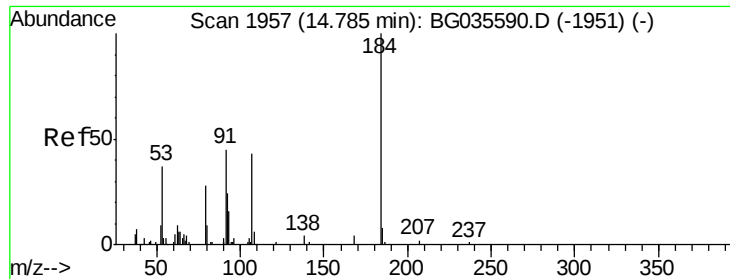
Tgt Ion:172 Resp: 629296
Ion Ratio Lower Upper
172 100
171 34.1 30.0 45.0
170 23.1 19.5 29.3



#49
Dimethylphthalate
Concen: 5.187 ng
RT: 14.10 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BG035923.D
Acq: 27 Jul 2018 00:25

Tgt Ion:163 Resp: 43351
Ion Ratio Lower Upper
163 100
194 5.2 3.4 5.2#
164 9.8 8.2 12.4

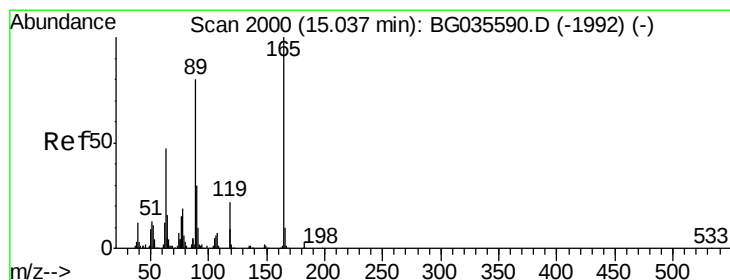
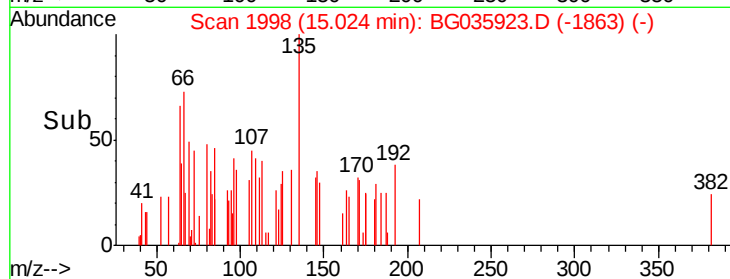
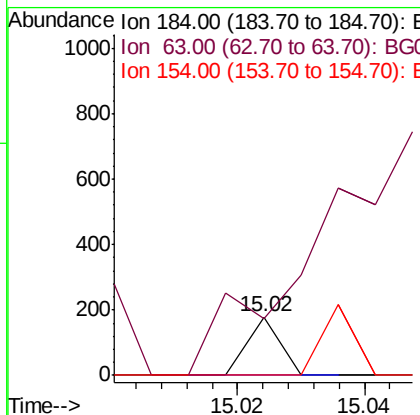
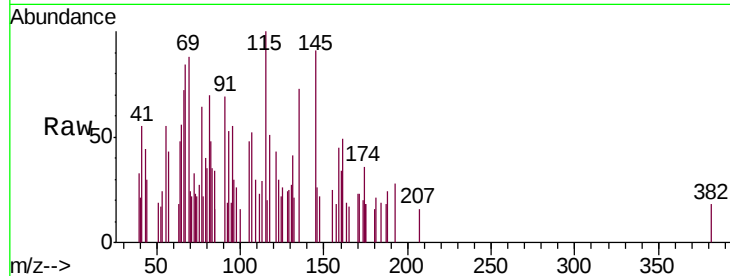




#53
2,4-Dinitrophenol
Concen: 6.648 ng
RT: 15.02 min Scan# 1998
Delta R.T. 0.26 min
Lab File: BG035923.D
Acq: 27 Jul 2018 00:25

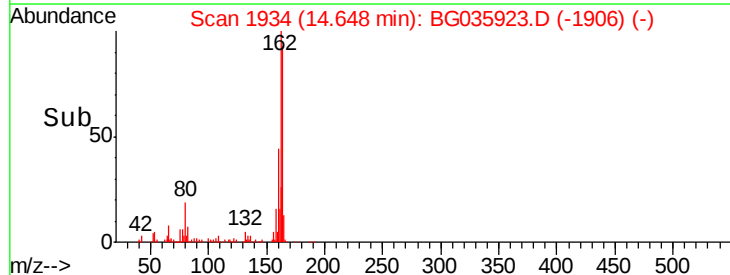
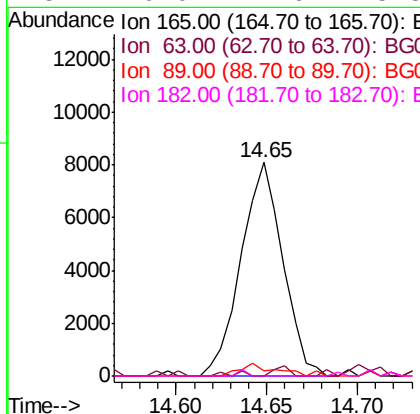
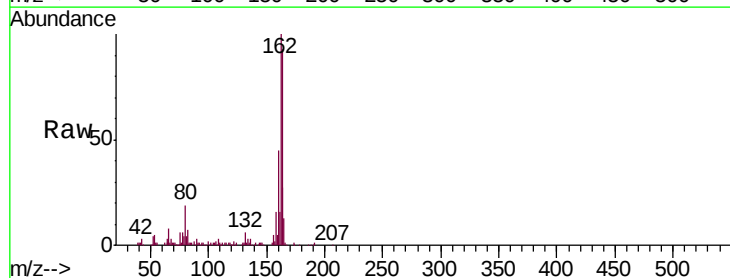
Instrument :
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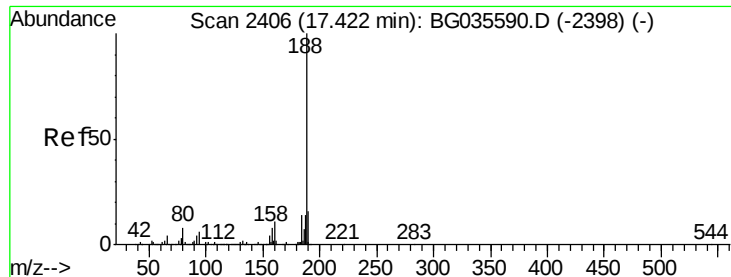
Tgt Ion:184 Resp: 63
Ion Ratio Lower Upper
184 100
63 97.8 59.8 89.8#
154 0.0 101.8 152.8#



#56
2,4-Dinitrotoluene
Concen: 5.287 ng
RT: 14.65 min Scan# 1934
Delta R.T. -0.37 min
Lab File: BG035923.D
Acq: 27 Jul 2018 00:25

Tgt Ion:165 Resp: 12908
Ion Ratio Lower Upper
165 100
63 0.0 42.0 63.0#
89 2.4 66.9 100.3#
182 0.0 2.6 3.8#

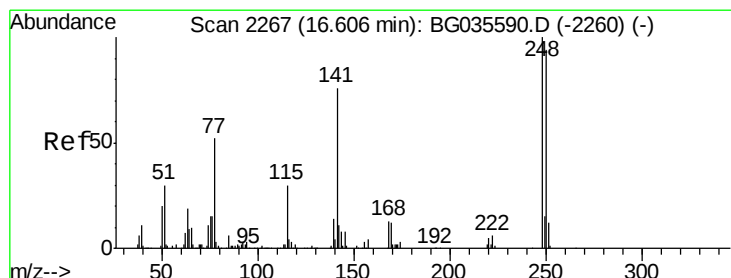
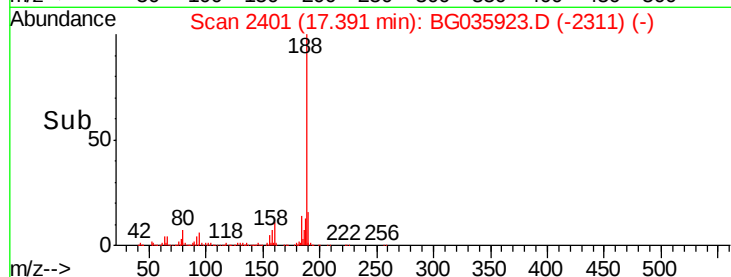
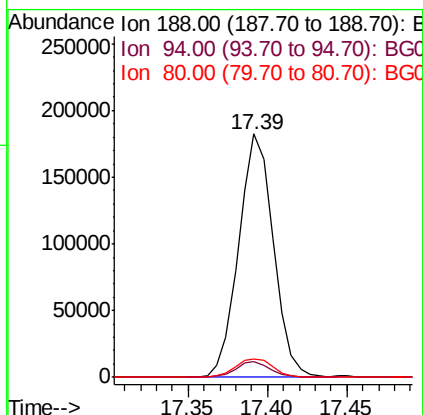
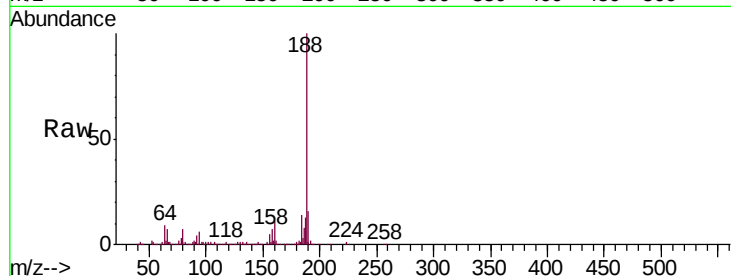




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2401
Delta R.T. -0.00 min
Lab File: BG035923.D
Acq: 27 Jul 2018 00:25

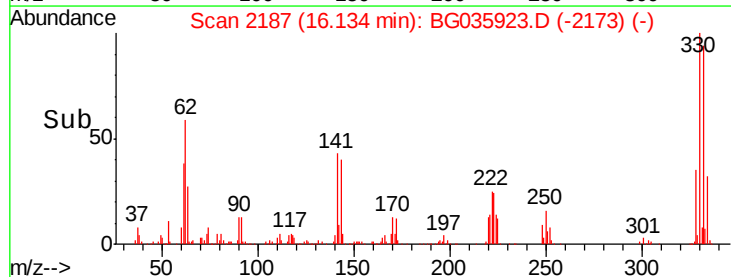
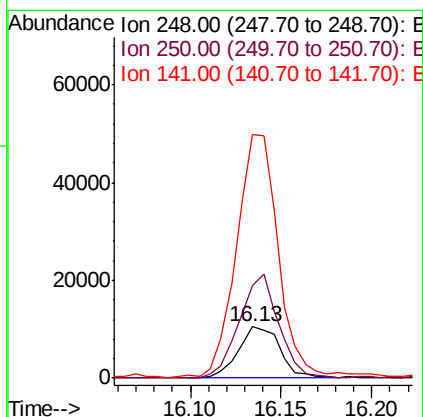
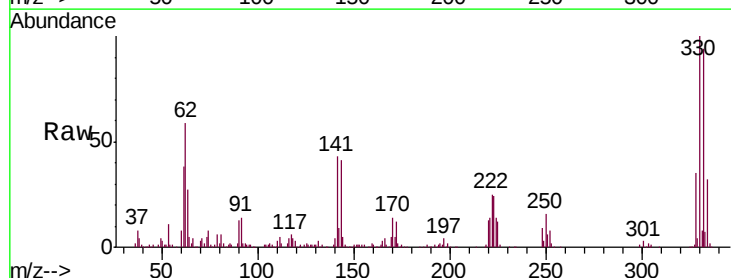
Instrument :
BNA_G
ClientSampleId :
MW-14

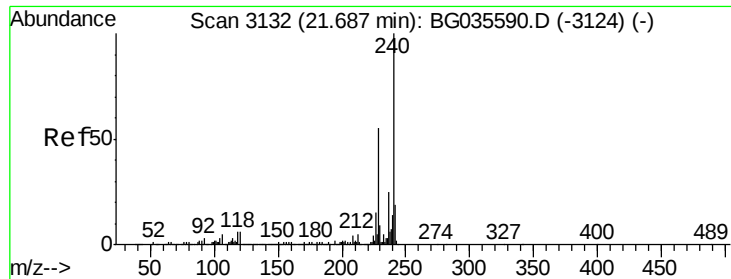
Tgt Ion:188 Resp: 277559
Ion Ratio Lower Upper
188 100
94 6.3 6.9 10.3#
80 7.4 7.7 11.5#



#66
4-Bromophenyl-phenylether
Concen: 5.228 ng
RT: 16.13 min Scan# 2187
Delta R.T. -0.45 min
Lab File: BG035923.D
Acq: 27 Jul 2018 00:25

Tgt Ion:248 Resp: 16834
Ion Ratio Lower Upper
248 100
250 181.0 77.1 115.7#
141 474.9 50.8 76.2#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3127

Delta R.T. -0.00 min

Lab File: BG035923.D

Acq: 27 Jul 2018 00:25

Instrument :

BNA_G

ClientSampleId :

MW-14

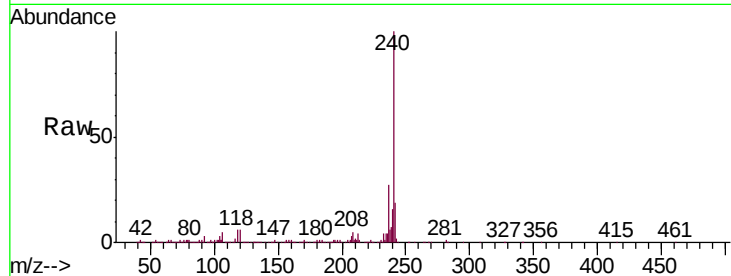
Tgt Ion:240 Resp: 315301

Ion Ratio Lower Upper

240 100

120 6.2 6.8 10.2#

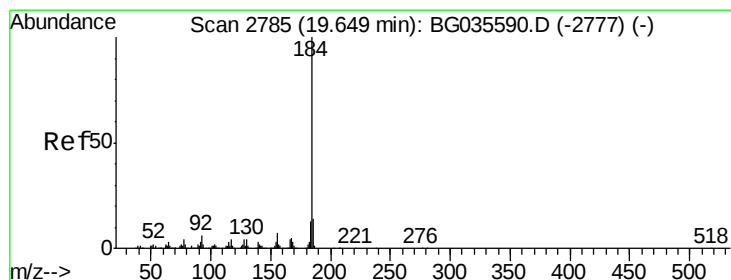
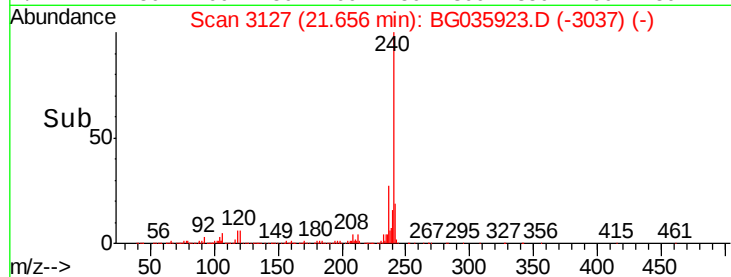
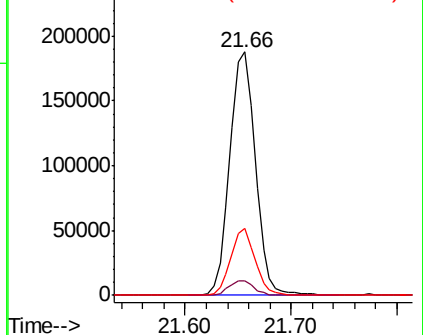
236 27.3 20.9 31.3



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: 2.576 ng

RT: 20.00 min Scan# 2845

Delta R.T. 0.37 min

Lab File: BG035923.D

Acq: 27 Jul 2018 00:25

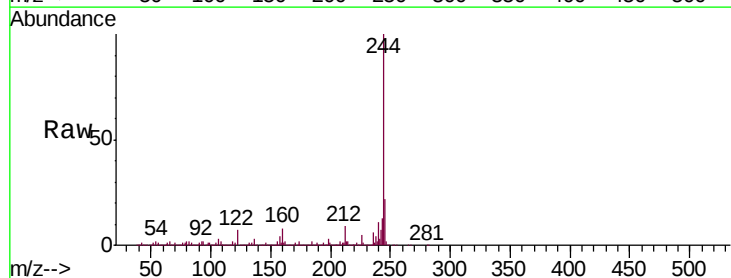
Tgt Ion:184 Resp: 21353

Ion Ratio Lower Upper

184 100

185 16.5 11.1 16.7

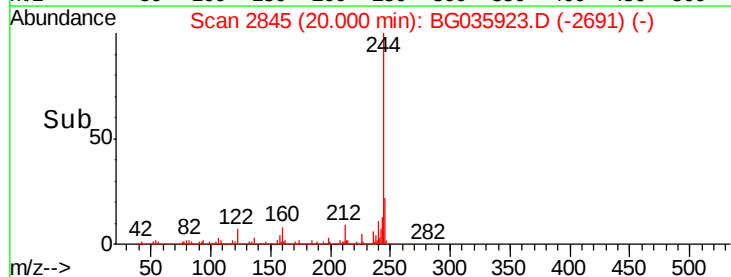
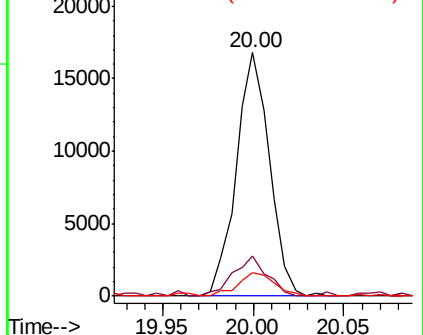
183 9.7 10.6 16.0#

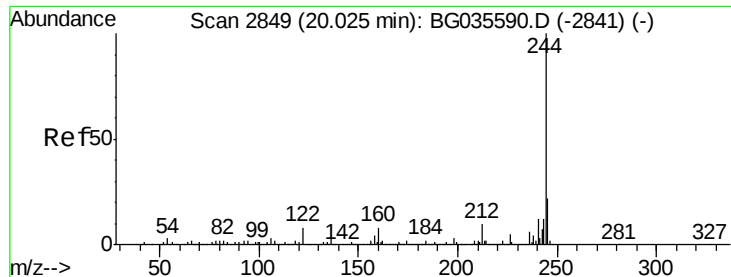


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

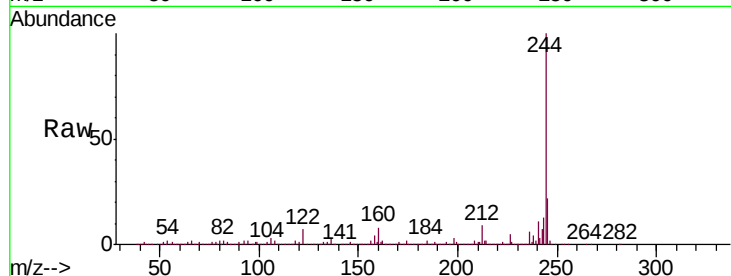




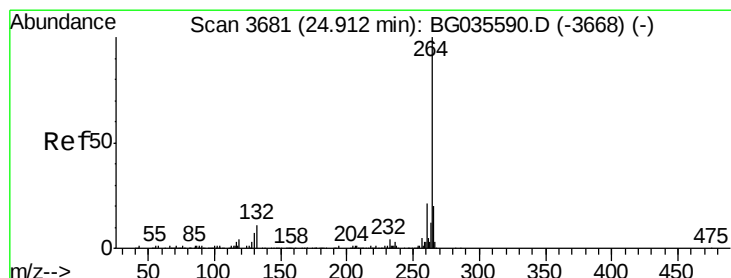
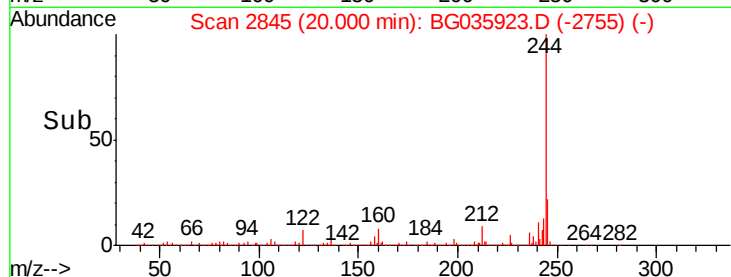
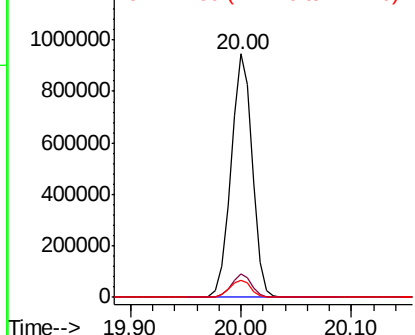
#78
 Terphenyl-d14
 Concen: 89.331 ng
 RT: 20.00 min Scan# 2845
 Delta R.T. -0.00 min
 Lab File: BG035923.D
 Acq: 27 Jul 2018 00:25

Instrument :
 BNA_G
 ClientSampleId :
 MW-14

Tgt Ion:244 Resp: 1277779
 Ion Ratio Lower Upper
 244 100
 212 9.4 5.8 8.8#
 122 7.0 7.0 10.4

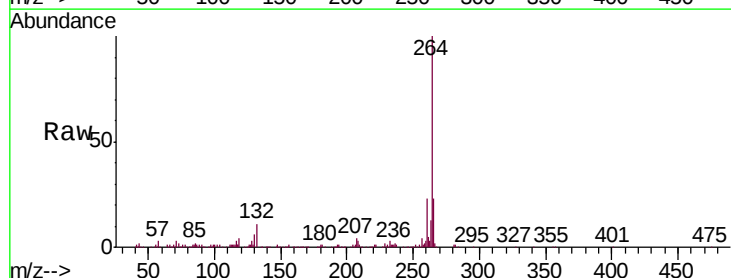


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.85 min Scan# 3671
 Delta R.T. -0.01 min
 Lab File: BG035923.D
 Acq: 27 Jul 2018 00:25

Tgt Ion:264 Resp: 299360
 Ion Ratio Lower Upper
 264 100
 260 23.4 17.4 26.0
 265 22.8 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

