

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062818\
 Data File : BG035493.D
 Acq On : 29 Jun 2018 00:48
 Operator : JU/SJ
 Sample : J3720-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-12

Quant Time: Jun 29 02:39:09 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 08 17:16:28 2018
 Response via : Initial Calibration

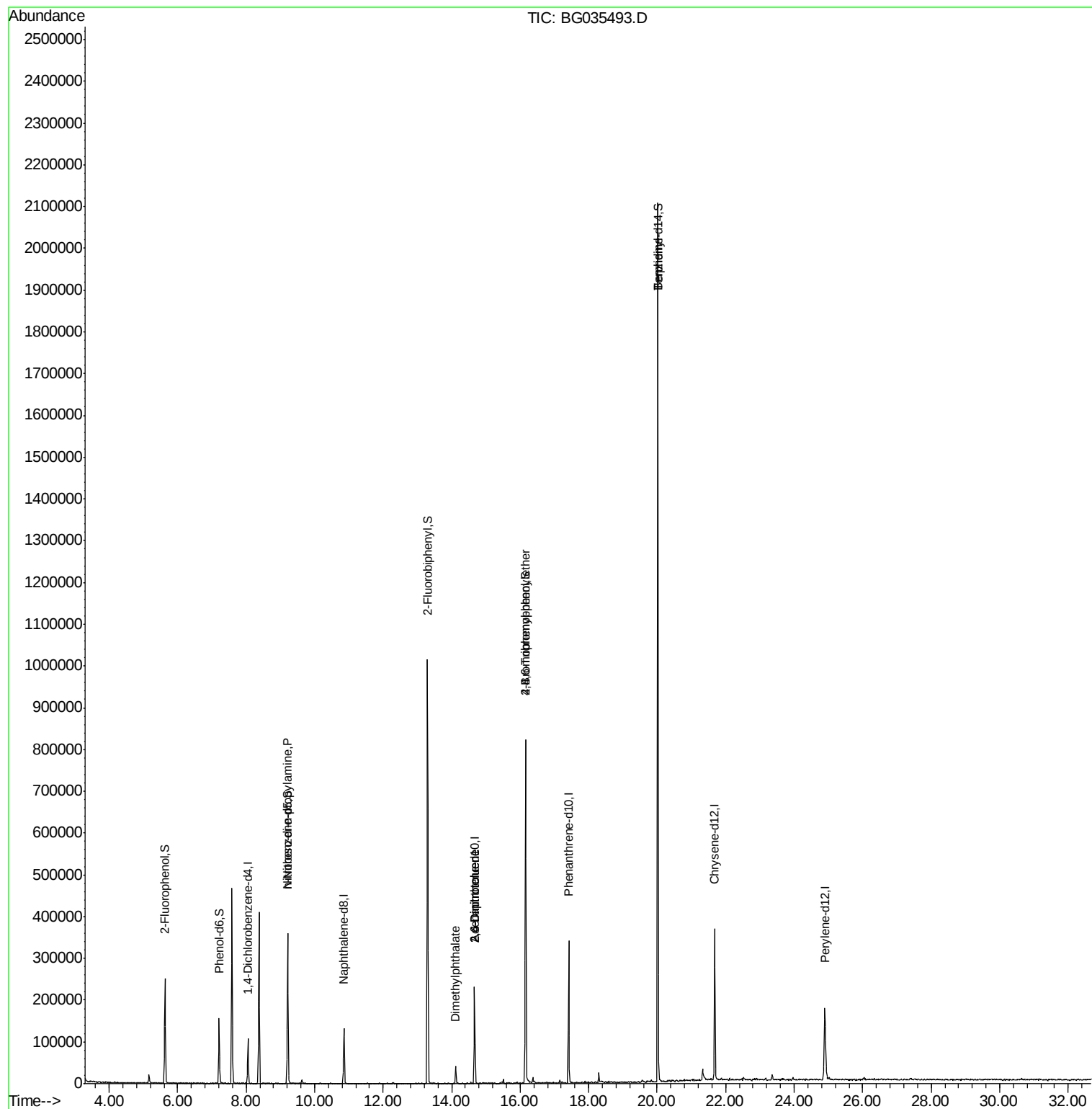
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	30170	20.00	ng	-0.03
21) Naphthalene-d8	10.86	136	113675	20.00	ng	-0.03
38) Acenaphthene-d10	14.67	164	83236	20.00	ng	-0.03
63) Phenanthrene-d10	17.42	188	218766	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	231336	20.00	ng	-0.03
86) Perylene-d12	24.90	264	218160	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	109312	61.15	ng	-0.02
7) Phenol-d6	7.21	99	97780	37.06	ng	-0.02
23) Nitrobenzene-d5	9.21	82	244439	102.21	ng	-0.03
41) 2,4,6-Tribromophenol	16.16	330	161492	151.56	ng	-0.02
44) 2-Fluorobiphenyl	13.29	172	566576	88.49	ng	-0.03
78) Terphenyl-d14	20.02	244	1032318	93.47	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	33026	14.733	ng	Qvalue # 66
49) Dimethylphthalate	14.12	163	26822	3.695	ng	# 97
50) 2,6-Dinitrotoluene	14.67	165	11548	8.721	ng	# 21
56) 2,4-Dinitrotoluene	14.67	165	11548	6.565	ng	# 19
66) 4-Bromophenyl-phenylether	16.15	248	12559	4.767	ng	# 1
76) Benzidine	20.02	184	17234	2.002	ng	# 93

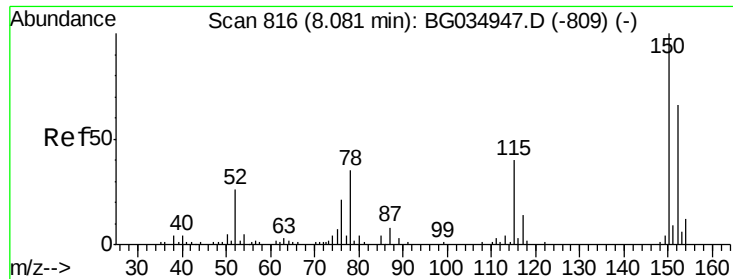
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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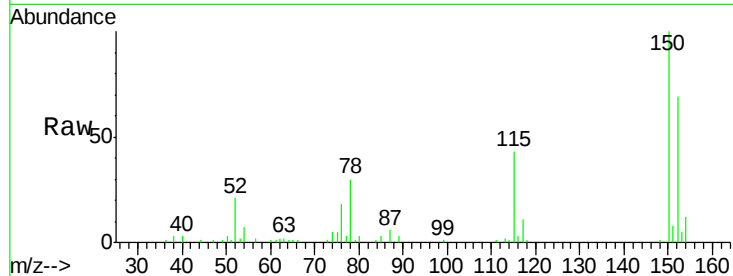


#1

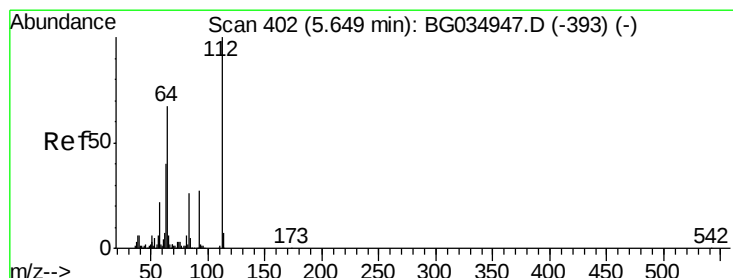
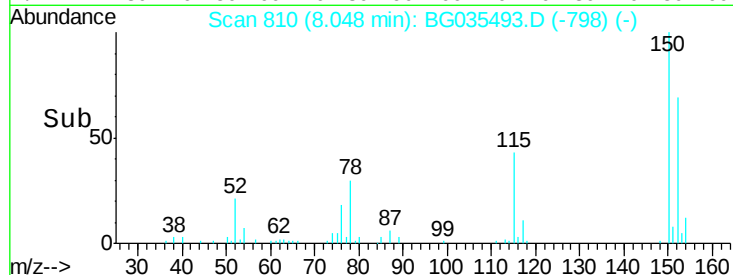
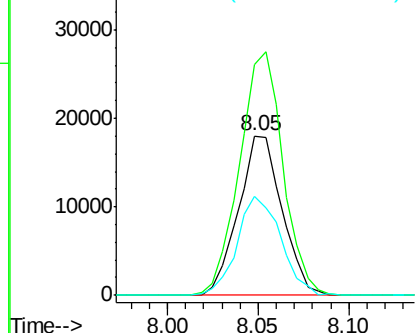
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. -0.03 min
Lab File: BG035493.D
Acq: 29 Jun 2018 00:48

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:152 Resp: 30170
Ion Ratio Lower Upper
152 100
150 144.7 126.6 189.8
115 62.1 53.0 79.4



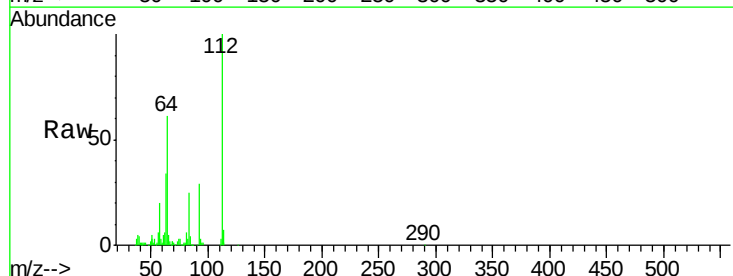
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



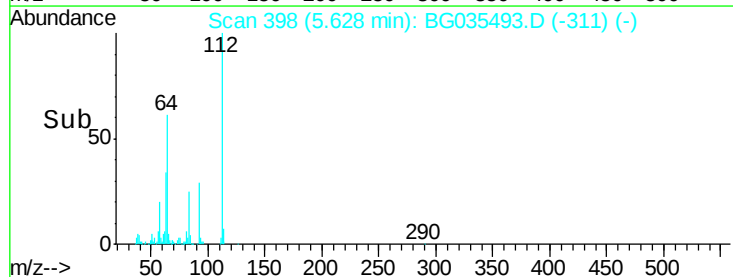
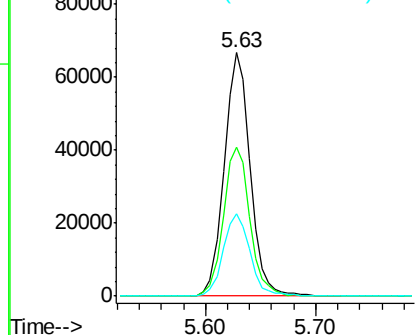
#5

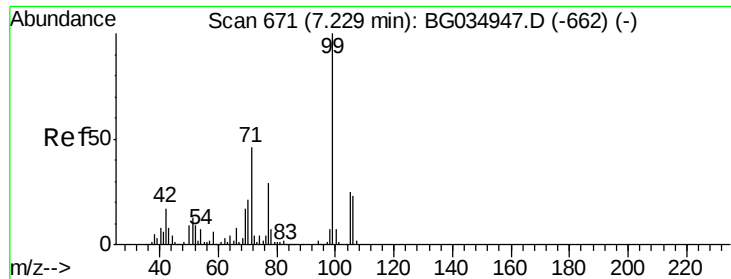
2-Fluorophenol
Concen: 61.145 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.02 min
Lab File: BG035493.D
Acq: 29 Jun 2018 00:48

Tgt Ion:112 Resp: 109312
Ion Ratio Lower Upper
112 100
64 61.3 56.3 84.5
63 34.0 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: 37.058 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.02 min

Lab File: BG035493.D

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Instrument :

BNA_G

ClientSampleId :

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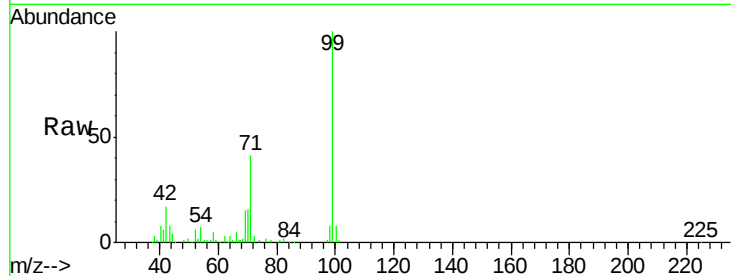
Tgt Ion: 99 Resp: 97780

Ion Ratio Lower Upper

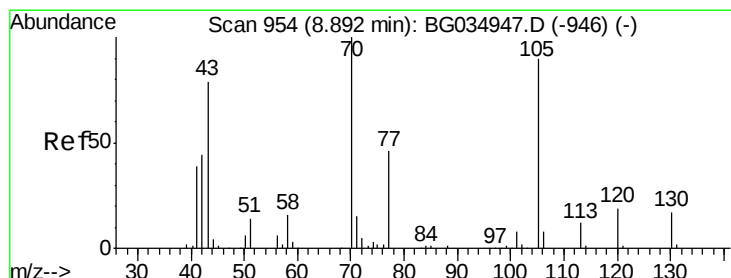
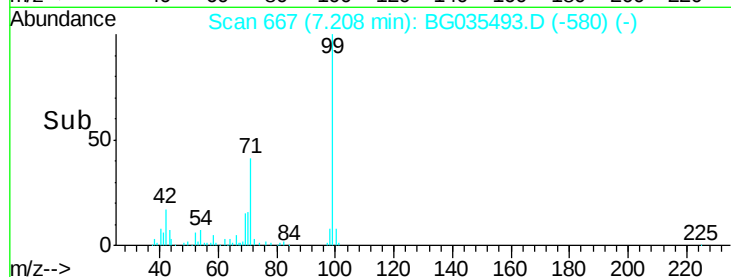
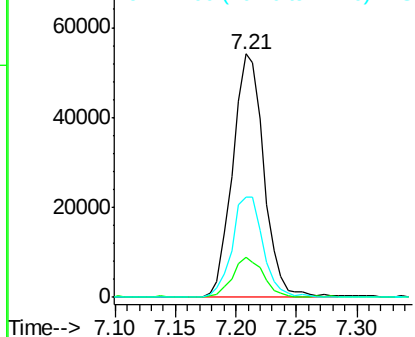
99 100

42 16.6 14.1 21.1

71 41.2 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: 14.733 ng

RT: 9.21 min Scan# 1008

Delta R.T. 0.33 min

Lab File: BG035493.D

Acq: 29 Jun 2018 00:48

Tgt Ion: 70 Resp: 33026

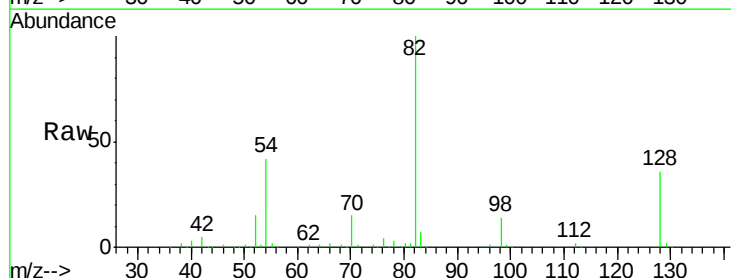
Ion Ratio Lower Upper

70 100

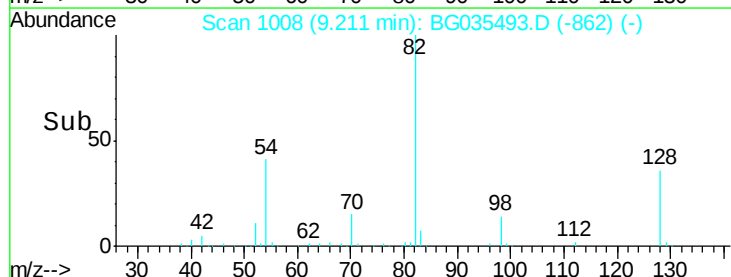
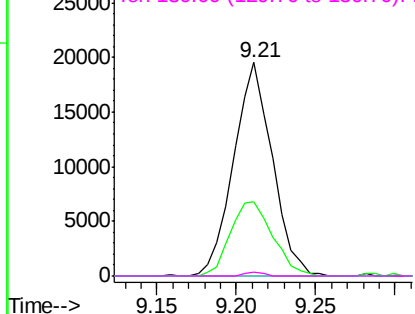
42 34.6 49.1 73.7#

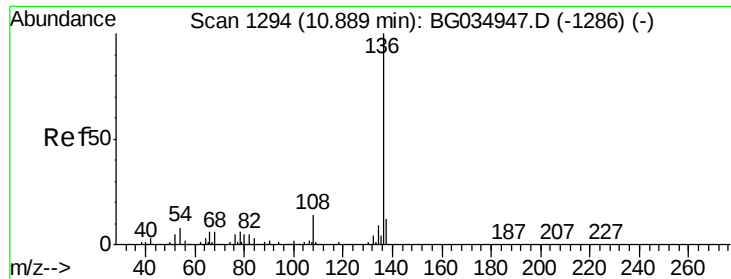
101 0.0 8.5 12.7#

130 2.0 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

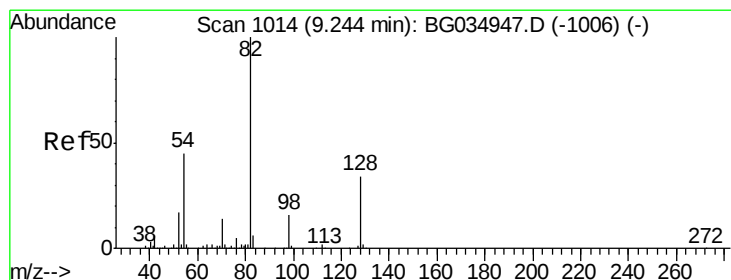
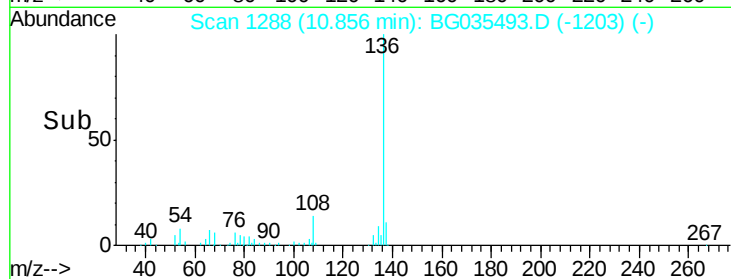
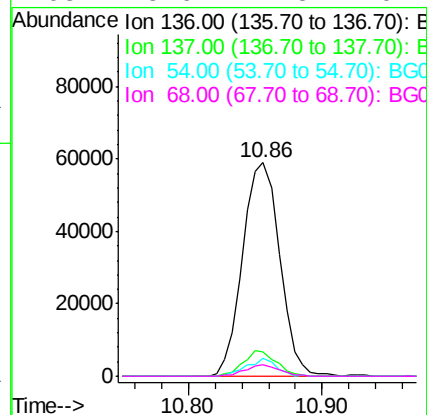
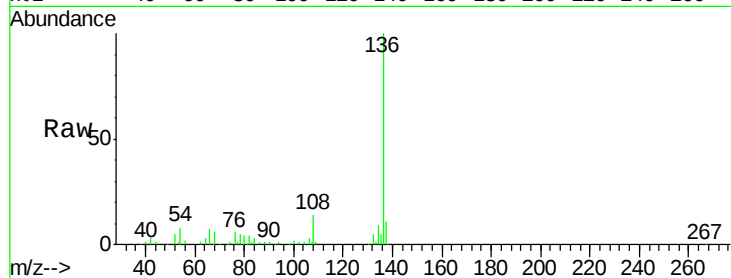




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1288
Delta R.T. -0.03 min
Lab File: BG035493.D
Acq: 29 Jun 2018 00:48

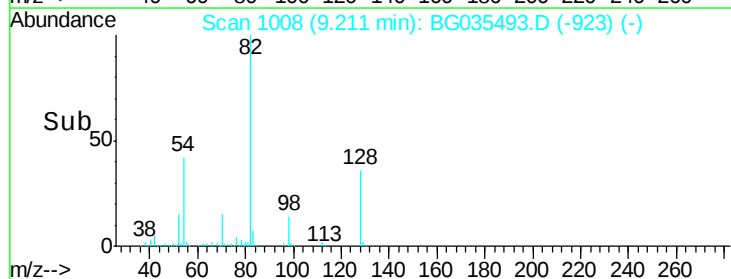
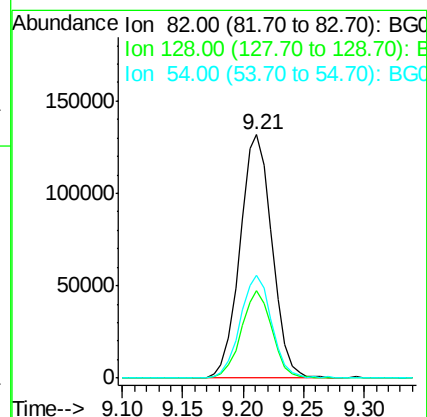
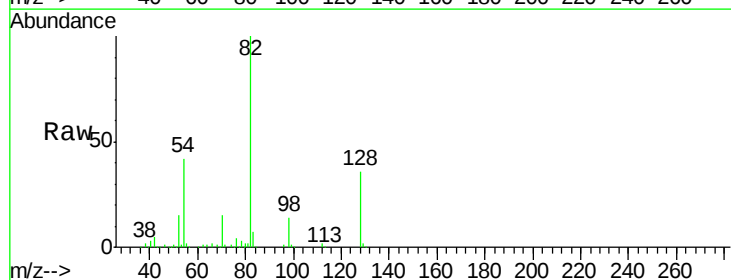
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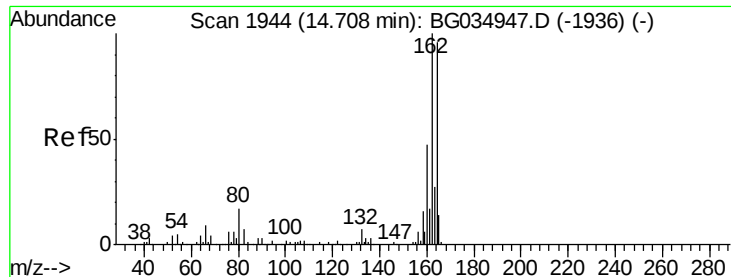
Tgt Ion: 136 Resp: 113675
Ion Ratio Lower Upper
136 100
137 11.2 9.2 13.8
54 8.4 10.3 15.5#
68 5.6 4.5 6.7



#23
Nitrobenzene-d5
Concen: 102.215 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.03 min
Lab File: BG035493.D
Acq: 29 Jun 2018 00:48

Tgt Ion: 82 Resp: 244439
Ion Ratio Lower Upper
82 100
128 36.0 29.7 44.5
54 42.3 43.1 64.7#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1937

Delta R.T. -0.03 min

Lab File: BG035493.D

Acq: 29 Jun 2018 00:48

Instrument :

BNA_G

ClientSampleId :

MW-12

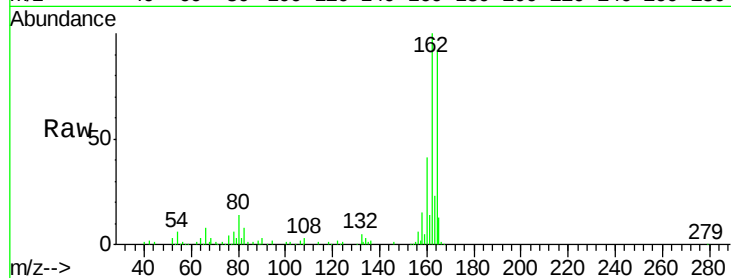
Tgt Ion:164 Resp: 83236

Ion Ratio Lower Upper

164 100

162 108.4 78.8 118.2

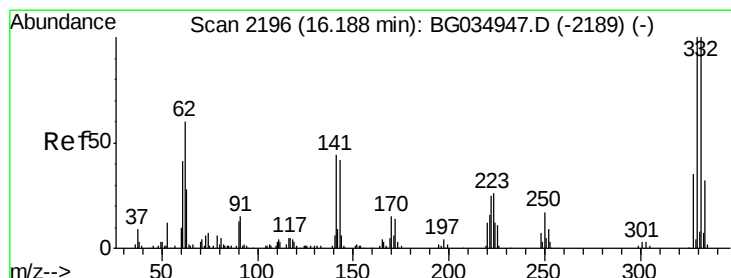
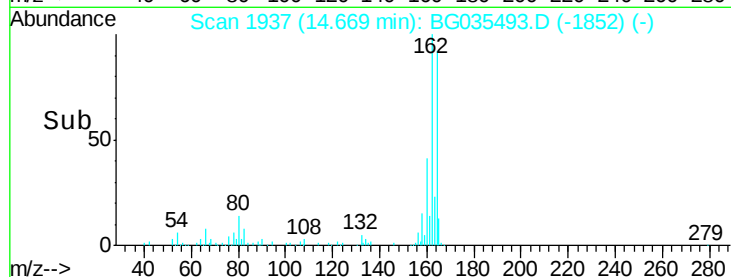
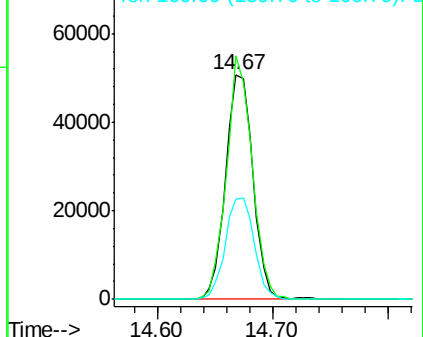
160 44.9 35.4 53.0



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: 151.561 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.02 min

Lab File: BG035493.D

Acq: 29 Jun 2018 00:48

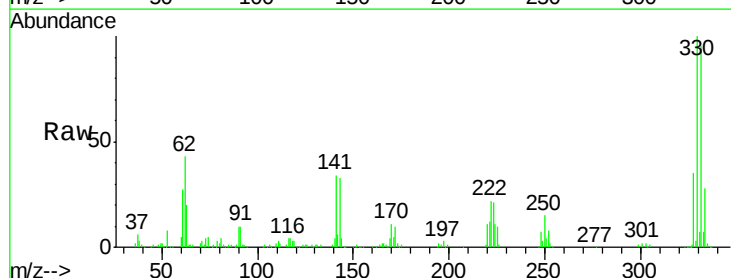
Tgt Ion:330 Resp: 161492

Ion Ratio Lower Upper

330 100

332 95.0 77.0 115.6

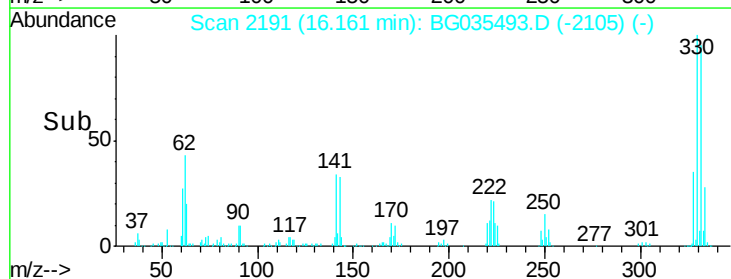
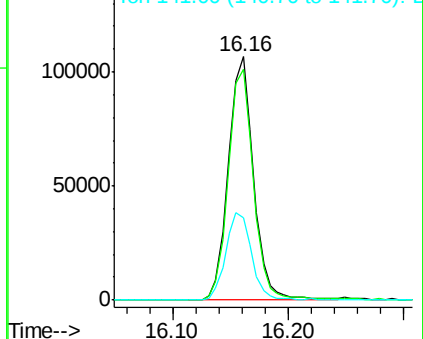
141 36.7 25.2 37.8

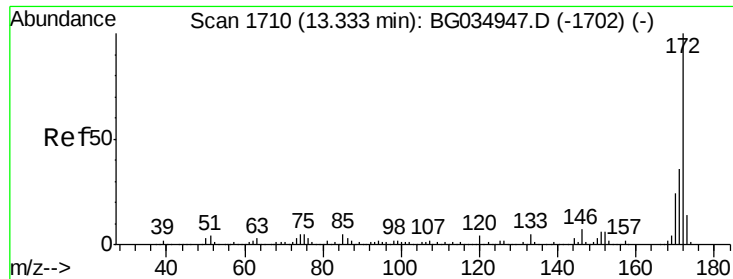


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

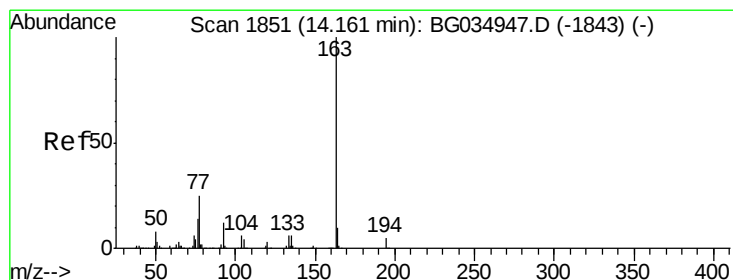
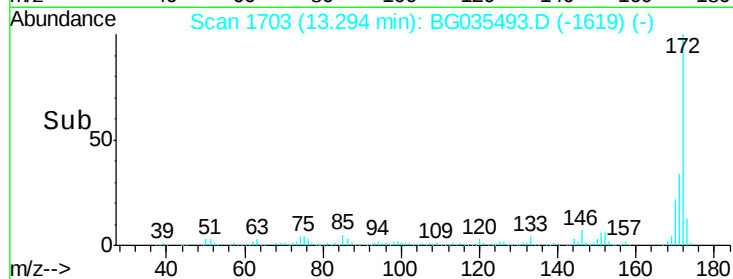
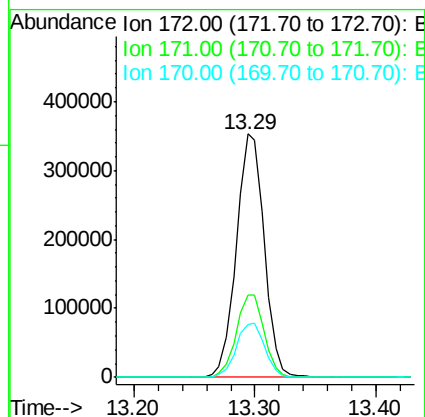
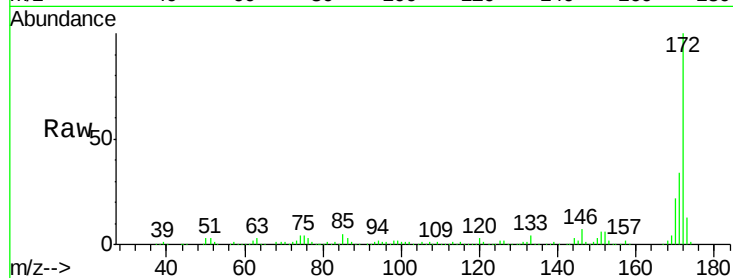




#44
 2-Fluorobiphenyl
 Concen: 88.489 ng
 RT: 13.29 min Scan# 1703
 Delta R.T. -0.03 min
 Lab File: BG035493.D
 Acq: 29 Jun 2018 00:48

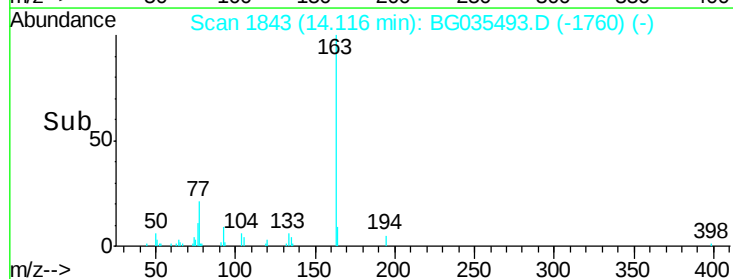
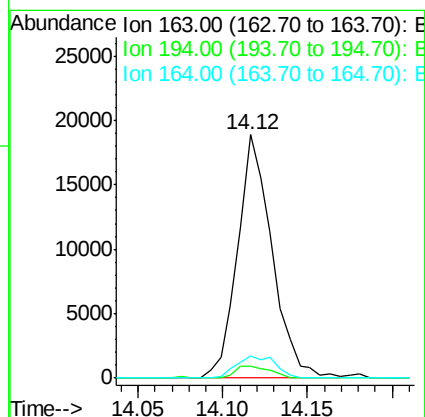
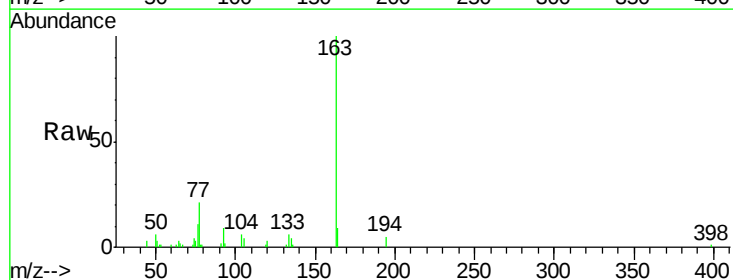
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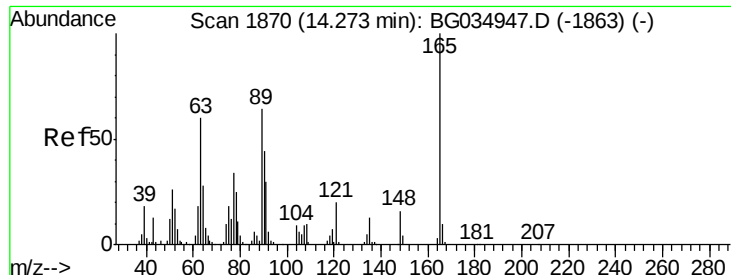
Tgt Ion:172 Resp: 566576
 Ion Ratio Lower Upper
 172 100
 171 34.0 30.0 45.0
 170 21.7 19.5 29.3



#49
 Dimethylphthalate
 Concen: 3.695 ng
 RT: 14.12 min Scan# 1843
 Delta R.T. -0.04 min
 Lab File: BG035493.D
 Acq: 29 Jun 2018 00:48

Tgt Ion:163 Resp: 26822
 Ion Ratio Lower Upper
 163 100
 194 5.2 3.4 5.2
 164 9.1 8.2 12.4

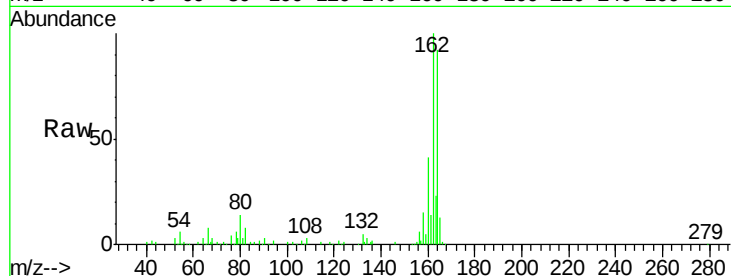




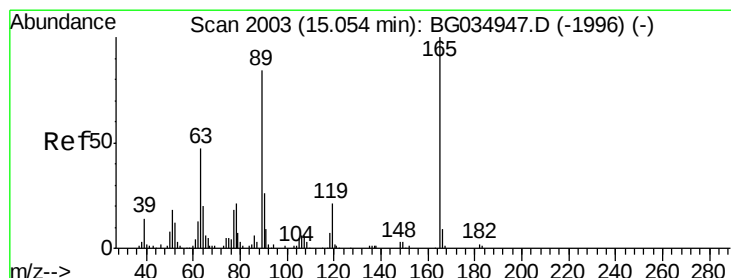
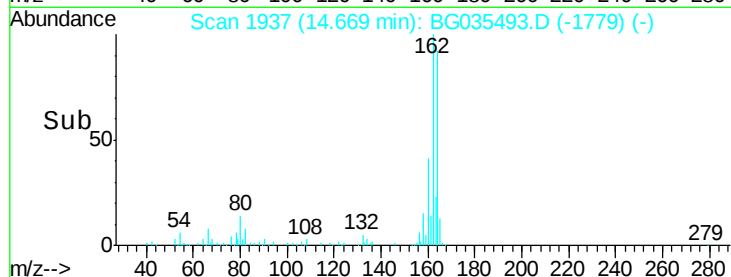
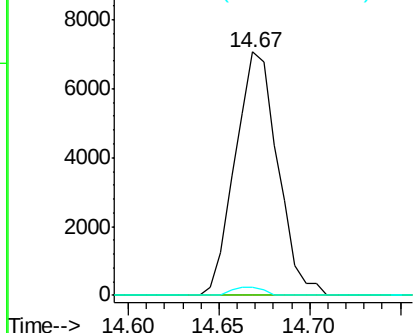
#50
 2,6-Dinitrotoluene
 Concen: 8.721 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. 0.40 min
 Lab File: BG035493.D
 Acq: 29 Jun 2018 00:48

Instrument :
 BNA_G
 ClientSampleId :
 MW-12

Tgt Ion:165 Resp: 11548
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 3.5 49.2 73.8#

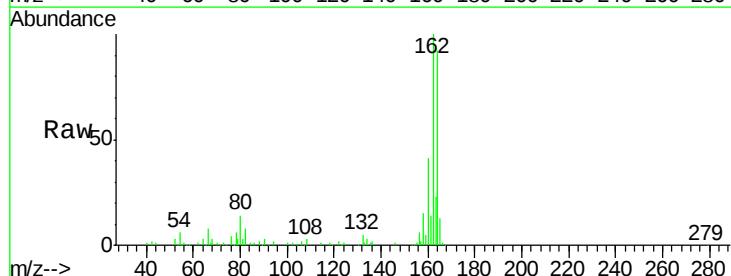


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

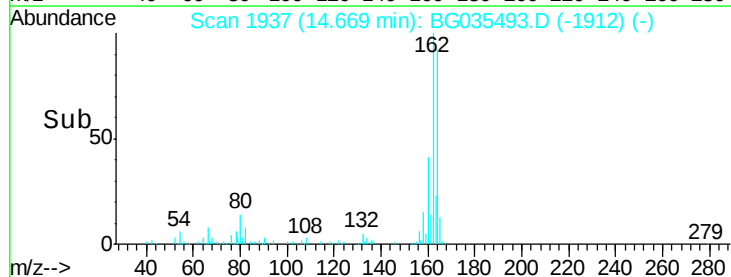
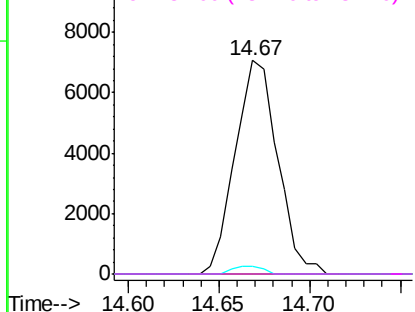


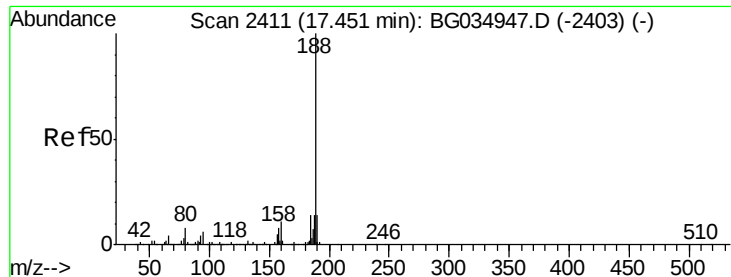
#56
 2,4-Dinitrotoluene
 Concen: 6.565 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. -0.38 min
 Lab File: BG035493.D
 Acq: 29 Jun 2018 00:48

Tgt Ion:165 Resp: 11548
 Ion Ratio Lower Upper
 165 100
 63 0.0 42.0 63.0#
 89 3.5 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

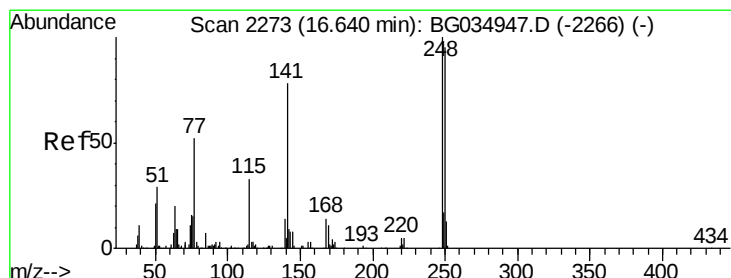
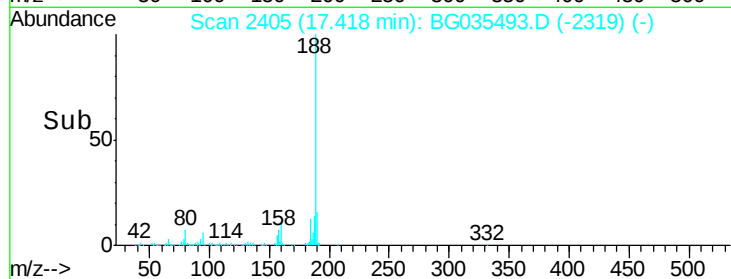
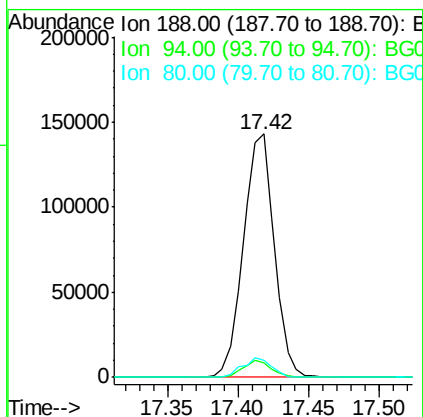
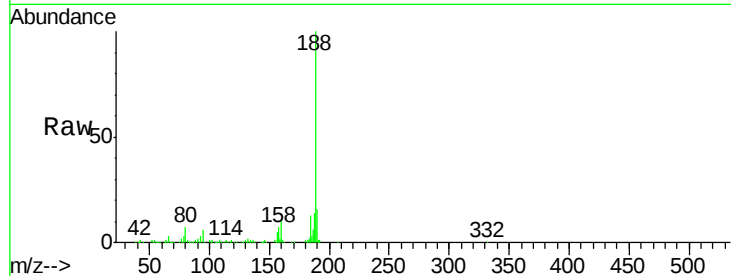




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2405
 Delta R.T. -0.02 min
 Lab File: BG035493.D
 Acq: 29 Jun 2018 00:48

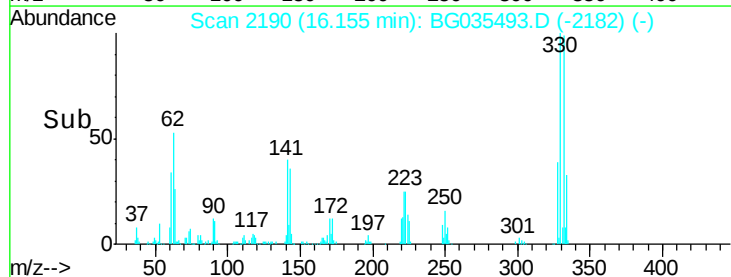
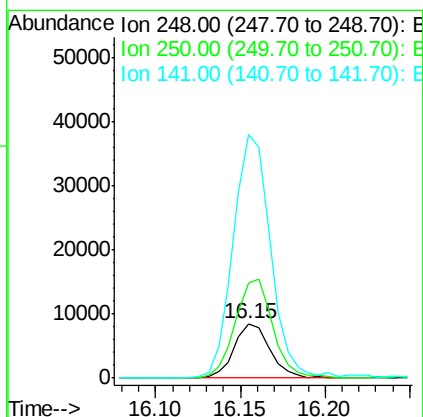
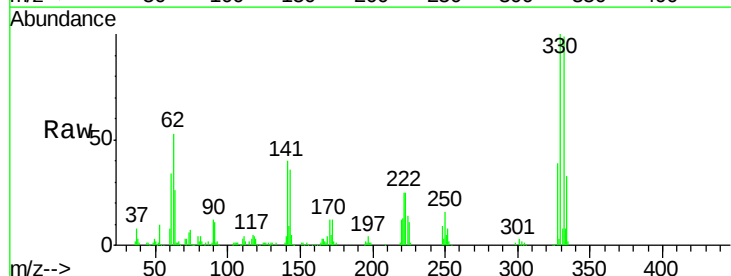
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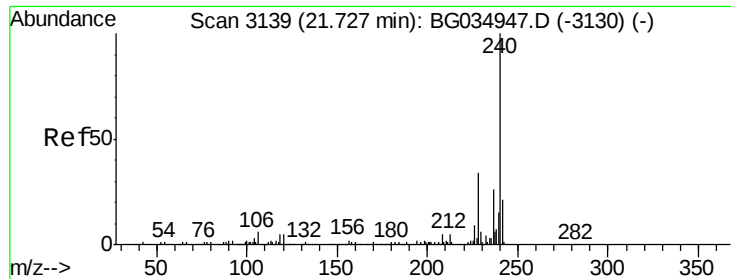
Tgt Ion:188 Resp: 218766
 Ion Ratio Lower Upper
 188 100
 94 5.9 6.9 10.3#
 80 6.9 7.7 11.5#



#66
 4-Bromophenyl-phenylether
 Concen: 4.767 ng
 RT: 16.15 min Scan# 2190
 Delta R.T. -0.48 min
 Lab File: BG035493.D
 Acq: 29 Jun 2018 00:48

Tgt Ion:248 Resp: 12559
 Ion Ratio Lower Upper
 248 100
 250 176.1 77.1 115.7#
 141 449.3 50.8 76.2#

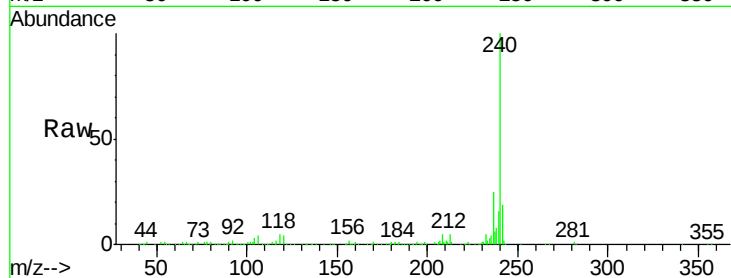




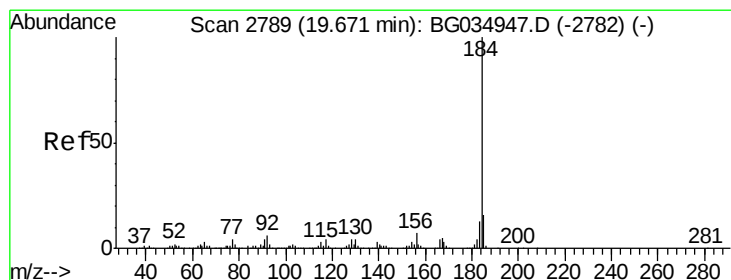
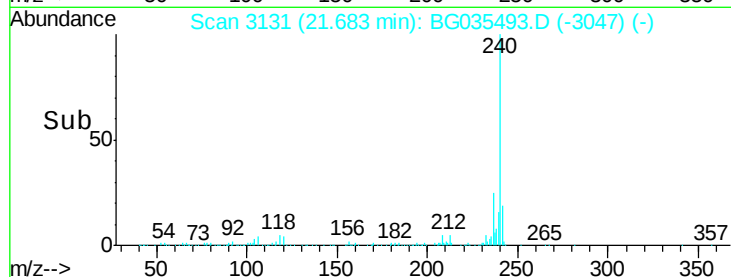
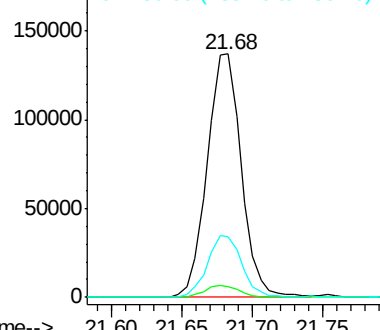
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.03 min
Lab File: BG035493.D
Acq: 29 Jun 2018 00:48

Instrument :
BNA_G
ClientSampleId :
MW-12

Tgt Ion:240 Resp: 231336
Ion Ratio Lower Upper
240 100
120 4.5 6.8 10.2#
236 24.8 20.9 31.3

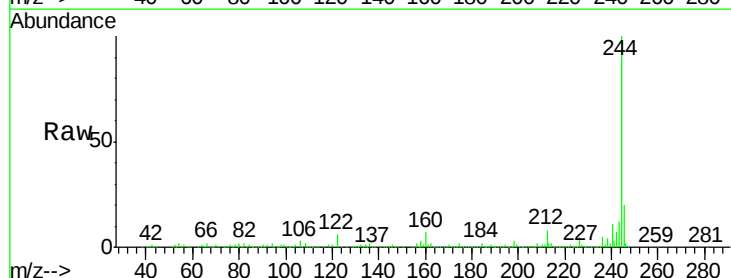


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

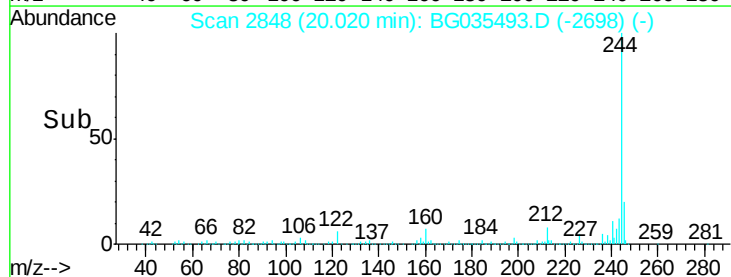
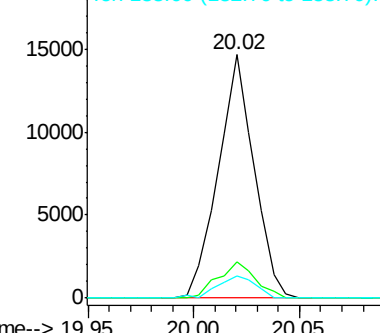


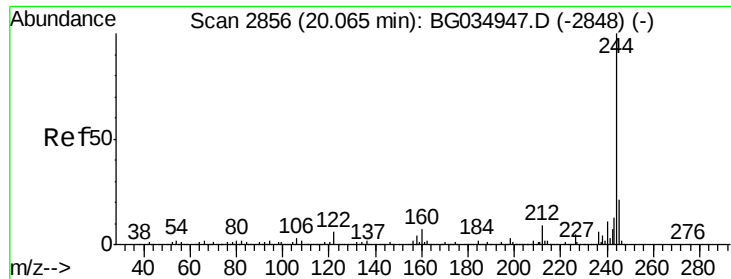
#76
Benzidine
Concen: 2.002 ng
RT: 20.02 min Scan# 2848
Delta R.T. 0.35 min
Lab File: BG035493.D
Acq: 29 Jun 2018 00:48

Tgt Ion:184 Resp: 17234
Ion Ratio Lower Upper
184 100
185 15.0 11.1 16.7
183 8.9 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: 93.473 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.03 min

Lab File: BG035493.D

Acq: 29 Jun 2018 00:48

Instrument :

BNA_G

ClientSampled :

MW-12

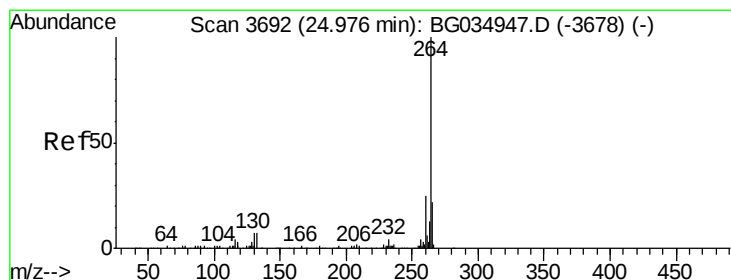
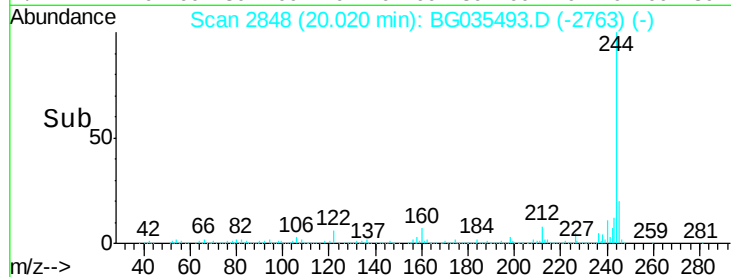
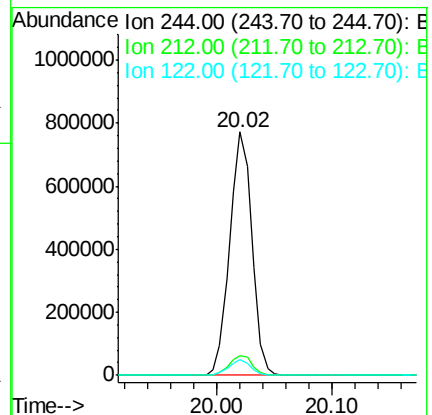
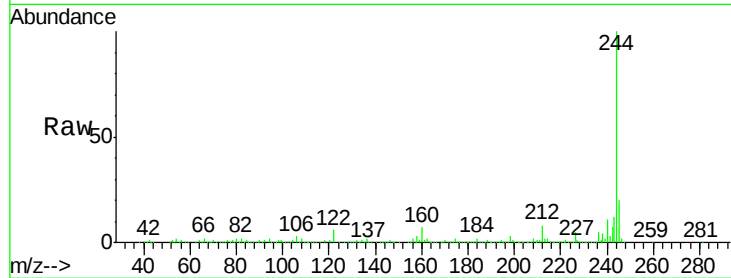
Tgt Ion:244 Resp: 1032318

Ion Ratio Lower Upper

244 100

212 8.3 5.8 8.8

122 6.5 7.0 10.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.90 min Scan# 3678

Delta R.T. -0.06 min

Lab File: BG035493.D

Acq: 29 Jun 2018 00:48

Tgt Ion:264 Resp: 218160

Ion Ratio Lower Upper

264 100

260 22.0 17.4 26.0

265 21.2 17.7 26.5

