

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062818\
 Data File : BG035491.D
 Acq On : 28 Jun 2018 23:31
 Operator : JU/SJ
 Sample : J3718-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W-29

Quant Time: Jun 29 02:38:46 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	36812	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	136982	20.00	ng	-0.03
38) Acenaphthene-d10	14.67	164	96463	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	246437	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	270286	20.00	ng	-0.04
86) Perylene-d12	24.89	264	266432	20.00	ng	-0.06

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.63	112	122371	56.10	ng	-0.02
7) Phenol-d6	7.21	99	114676	35.62	ng	-0.01
23) Nitrobenzene-d5	9.21	82	304489	105.66	ng	-0.03
41) 2,4,6-Tribromophenol	16.16	330	180220	145.94	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	685725	92.41	ng	-0.03
78) Terphenyl-d14	20.02	244	1087661	84.29	ng	-0.03

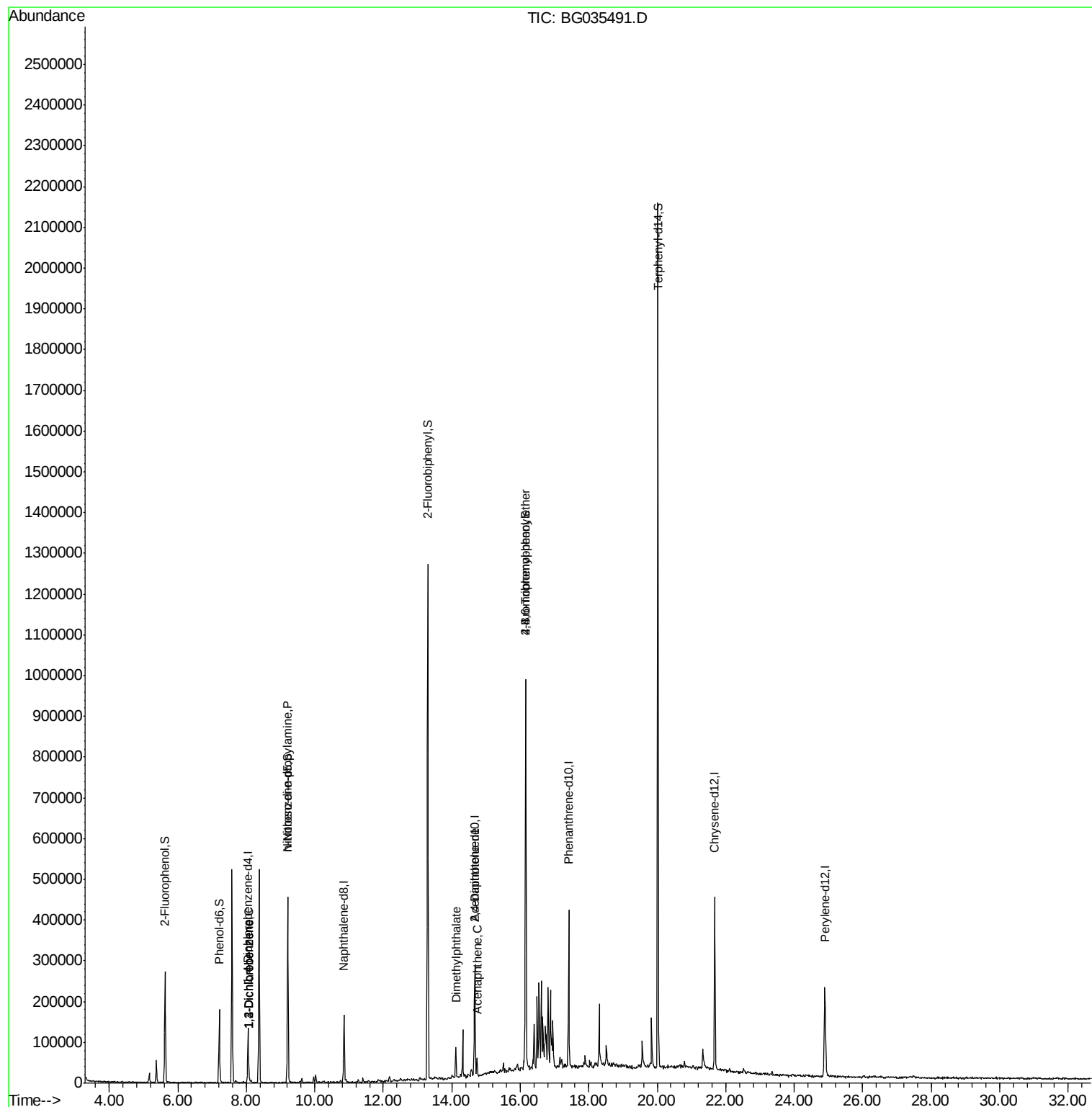
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,3-Dichlorobenzene	8.08	146	5943	2.178	ng	91
13) 1,4-Dichlorobenzene	8.08	146	5943	2.110	ng	# 84
14) 1,2-Dichlorobenzene	8.08	146	5943	2.247	ng	# 89
19) n-Nitroso-di-n-propylamine	9.21	70	43013	15.726	ng	# 62
49) Dimethylphthalate	14.12	163	48657	5.784	ng	# 99
51) Acenaphthene	14.74	154	15551	2.420	ng	94
56) 2,4-Dinitrotoluene	14.67	165	12666	6.213	ng	# 21
66) 4-Bromophenyl-phenylether	16.16	248	14207	4.787	ng	# 1

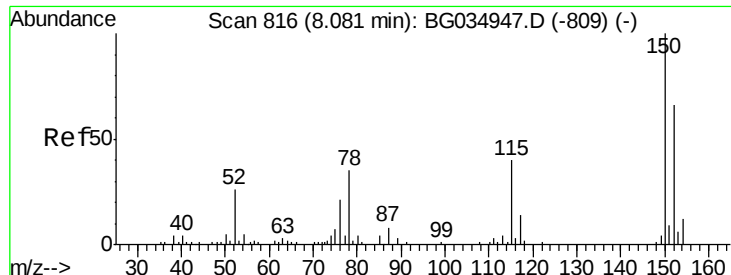
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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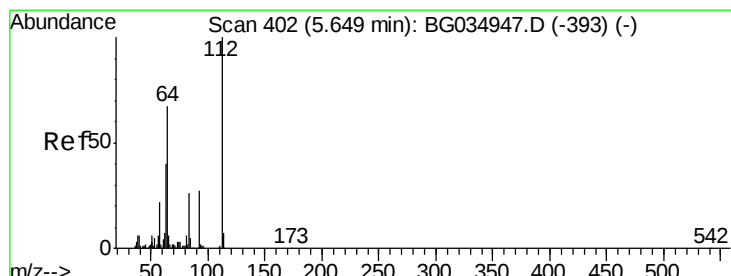
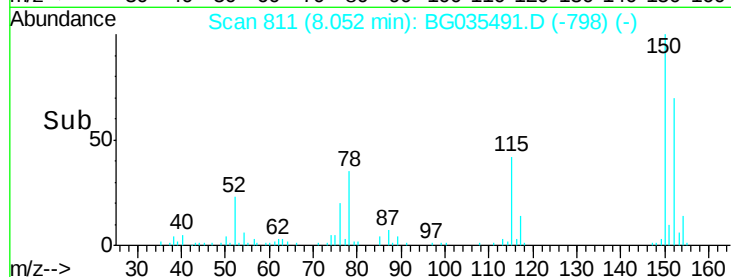
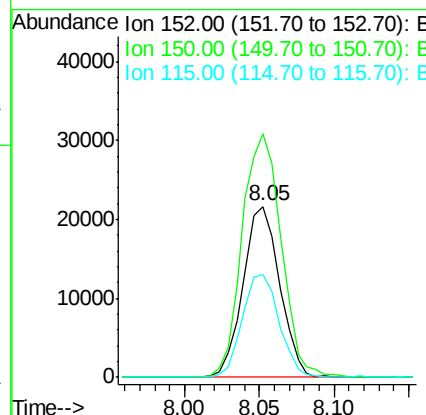
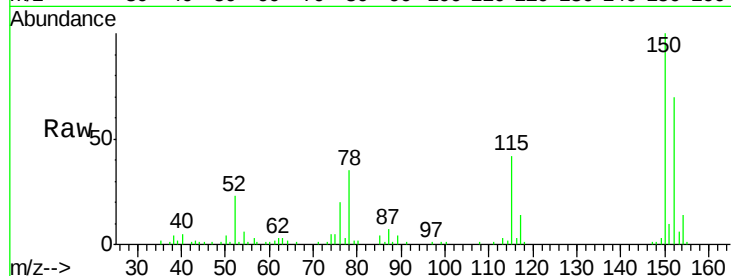


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.02 min
Lab File: BG035491.D
Acq: 28 Jun 2018 23:31

Instrument :
BNA_G
ClientSampled :
W-29

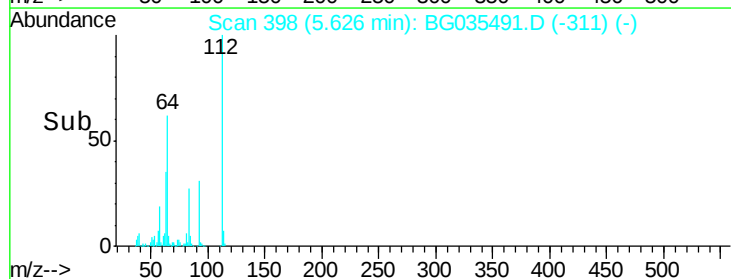
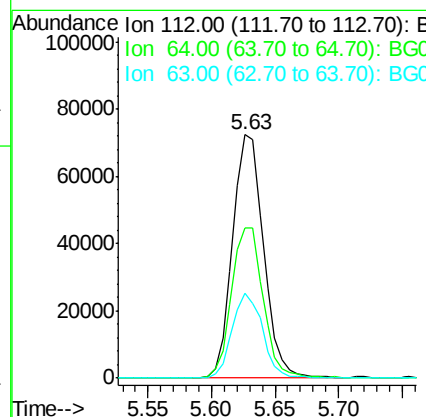
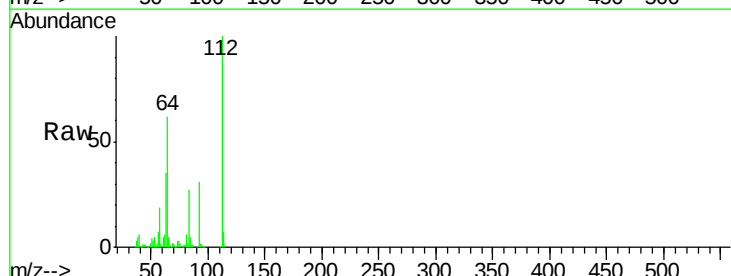
Tgt Ion:152 Resp: 36812
Ion Ratio Lower Upper
152 100
150 142.2 126.6 189.8
115 59.9 53.0 79.4

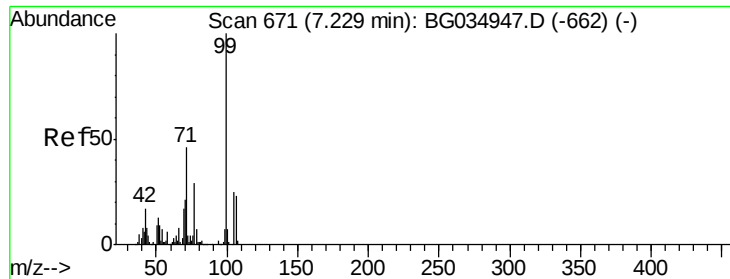


#5

2-Fluorophenol
Concen: 56.100 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.02 min
Lab File: BG035491.D
Acq: 28 Jun 2018 23:31

Tgt Ion:112 Resp: 122371
Ion Ratio Lower Upper
112 100
64 61.6 56.3 84.5
63 34.8 30.1 45.1





#7

Phenol-d6

Concen: 35.619 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035491.D

Acq: 28 Jun 2018 23:31

Instrument :

BNA_G

ClientSampleId :

W-29

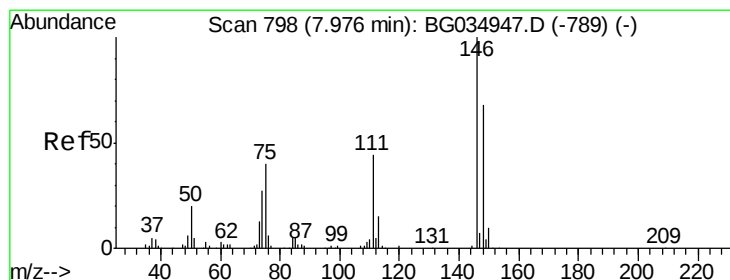
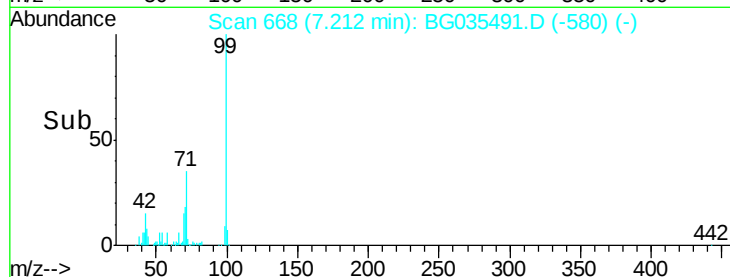
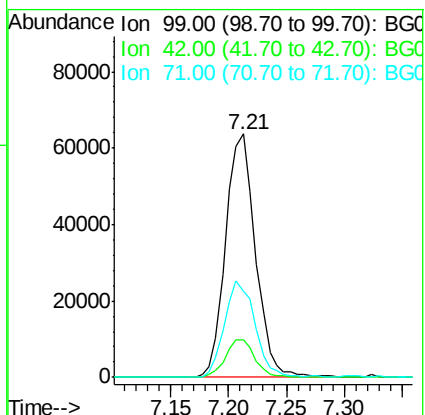
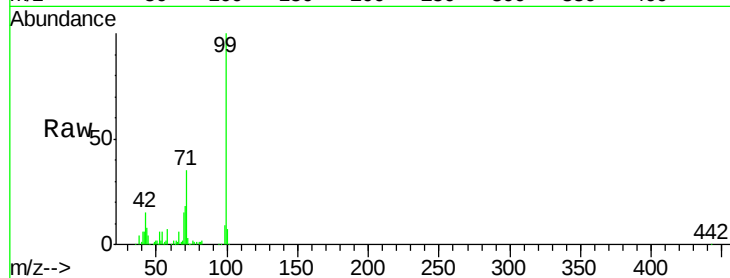
Tgt Ion: 99 Resp: 114676

Ion Ratio Lower Upper

99 100

42 15.4 14.1 21.1

71 35.4 26.1 39.1



#12

1,3-Dichlorobenzene

Concen: 2.178 ng

RT: 8.08 min Scan# 816

Delta R.T. 0.12 min

Lab File: BG035491.D

Acq: 28 Jun 2018 23:31

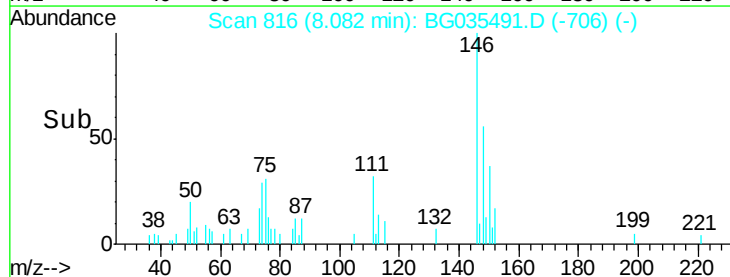
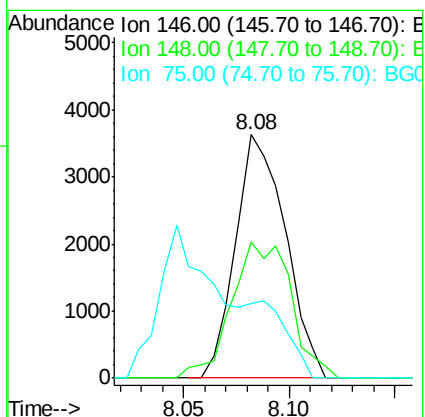
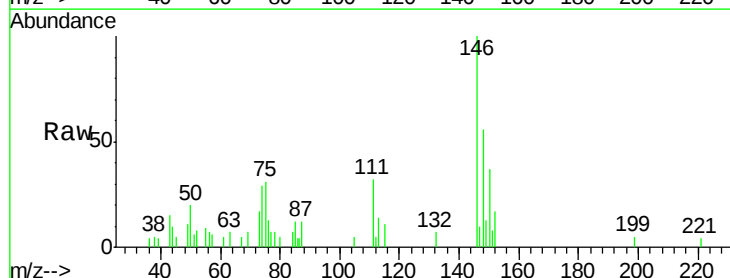
Tgt Ion: 146 Resp: 5943

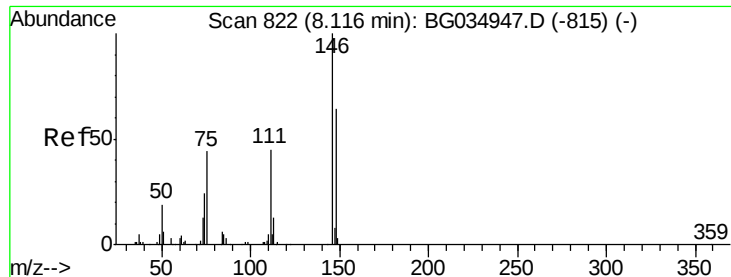
Ion Ratio Lower Upper

146 100

148 56.0 51.4 77.2

75 30.6 26.6 39.8





#13

1,4-Dichlorobenzene

Concen: 2.110 ng

RT: 8.08 min Scan# 816

Delta R.T. -0.03 min

Lab File: BG035491.D

Acq: 28 Jun 2018 23:31

Instrument :

BNA_G

ClientSampleId :

W-29

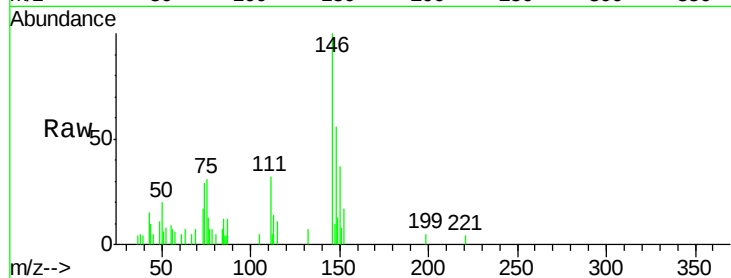
Tgt Ion:146 Resp: 5943

Ion Ratio Lower Upper

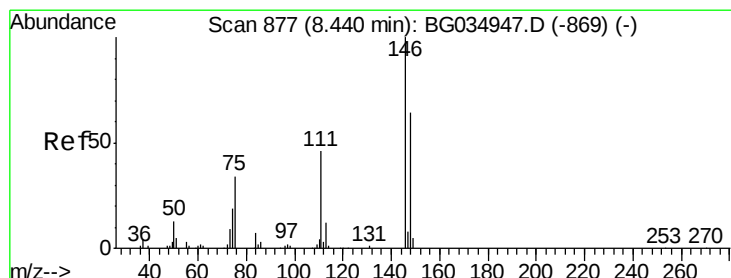
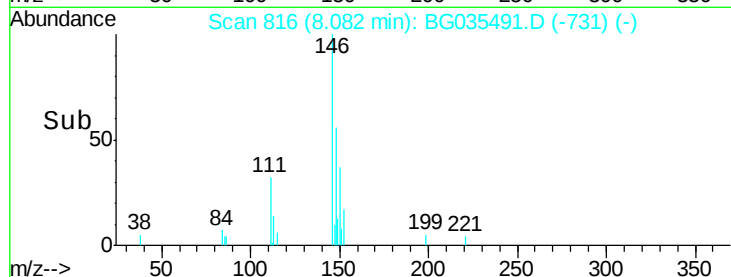
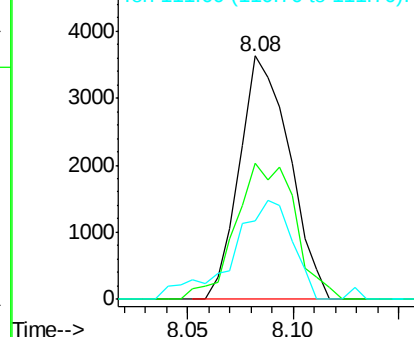
146 100

148 56.0 53.7 80.5

111 32.3 35.2 52.8#



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 2.247 ng

RT: 8.08 min Scan# 816

Delta R.T. -0.35 min

Lab File: BG035491.D

Acq: 28 Jun 2018 23:31

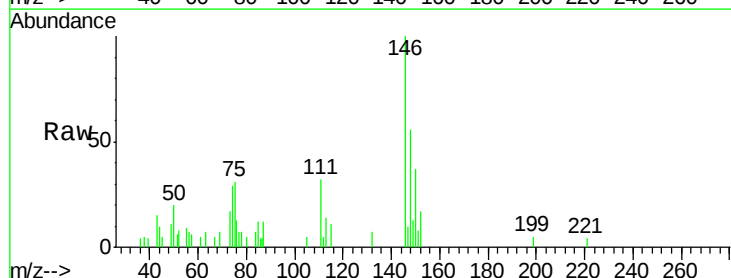
Tgt Ion:146 Resp: 5943

Ion Ratio Lower Upper

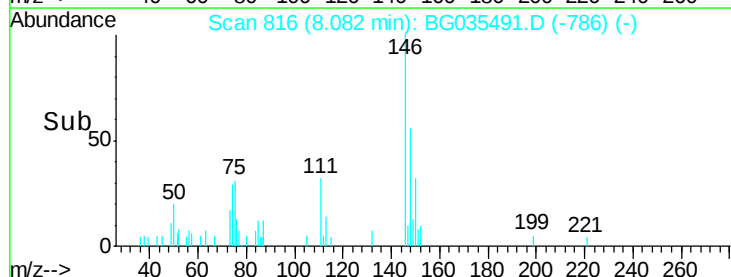
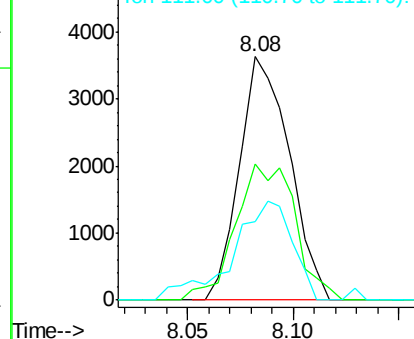
146 100

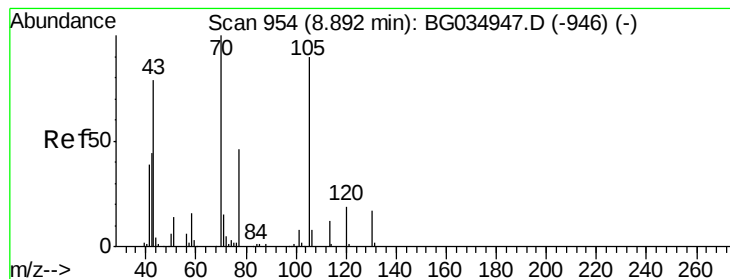
148 56.0 49.3 73.9

111 32.3 34.3 51.5#



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 15.726 ng

RT: 9.21 min Scan# 1008

Delta R.T. 0.33 min

Lab File: BG035491.D

Acq: 28 Jun 2018 23:31

Instrument :

BNA_G

ClientSampleId :

W-29

Tgt Ion: 70 Resp: 43013

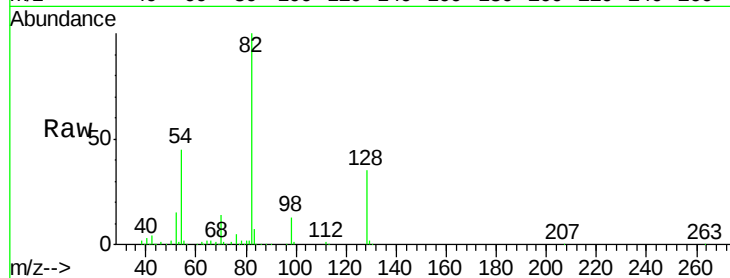
Ion Ratio Lower Upper

70 100

42 30.6 49.1 73.7#

101 0.0 8.5 12.7#

130 2.3 13.4 20.0#

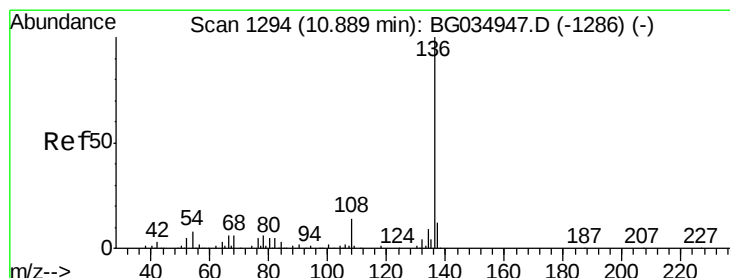
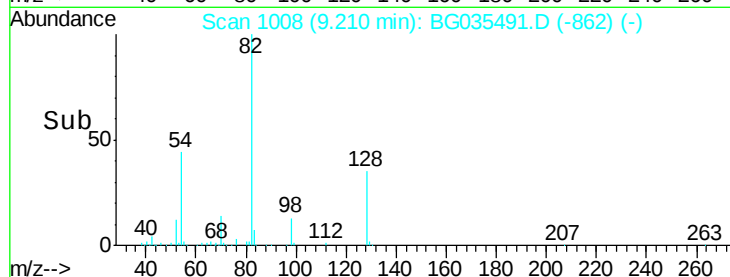
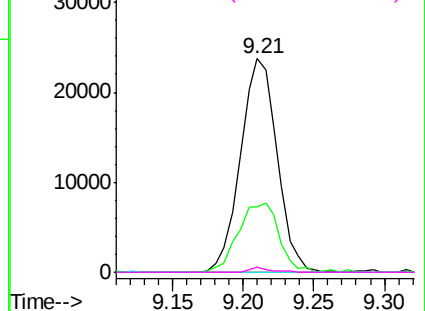


Abundance Ion 70.00 (69.70 to 70.70): BGC

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: 10.85 min Scan# 1288

Delta R.T. -0.03 min

Lab File: BG035491.D

Acq: 28 Jun 2018 23:31

Tgt Ion: 136 Resp: 136982

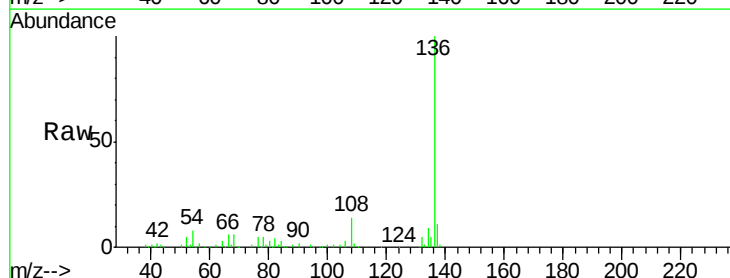
Ion Ratio Lower Upper

136 100

137 10.8 9.2 13.8

54 7.6 10.3 15.5#

68 6.0 4.5 6.7

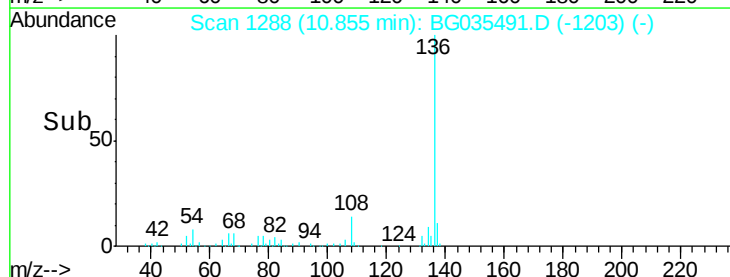
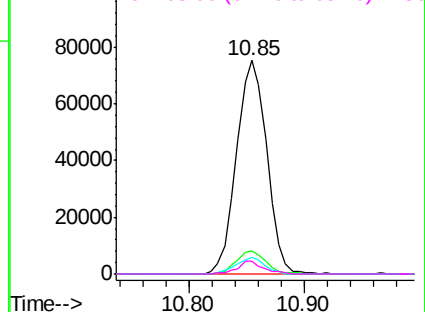


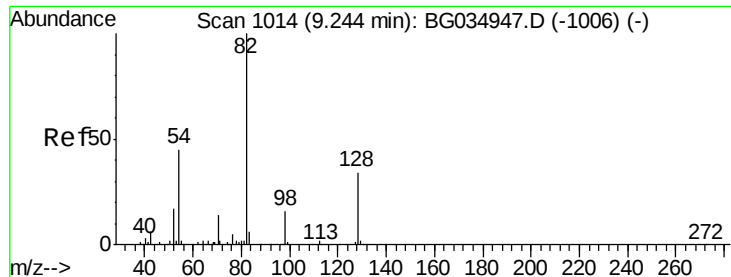
Abundance Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

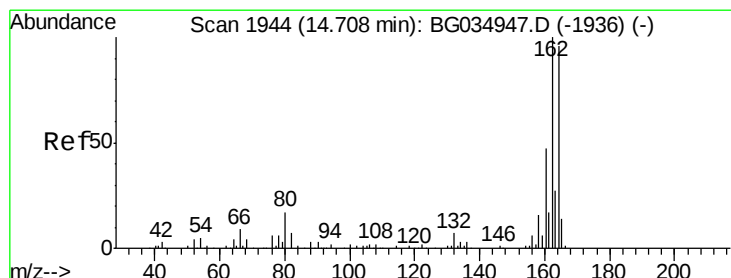
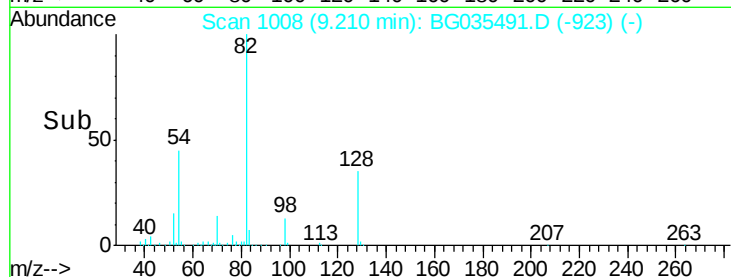
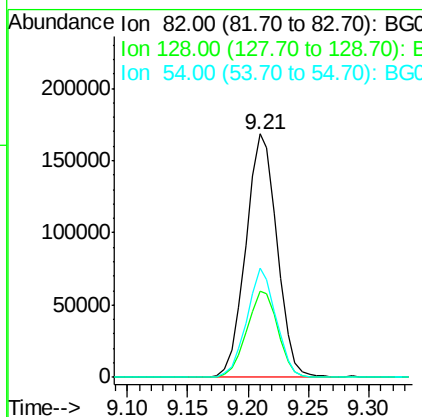
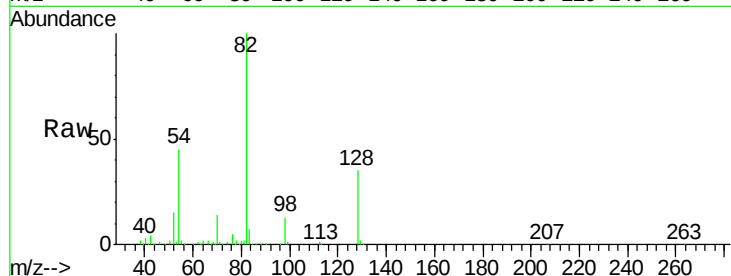




#23
 Nitrobenzene-d5
 Concen: 105.661 ng
 RT: 9.21 min Scan# 1008
 Delta R.T. -0.03 min
 Lab File: BG035491.D
 Acq: 28 Jun 2018 23:31

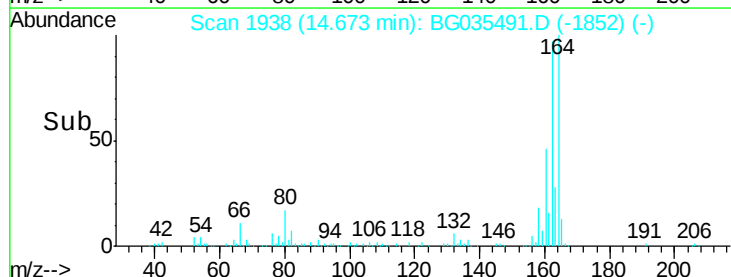
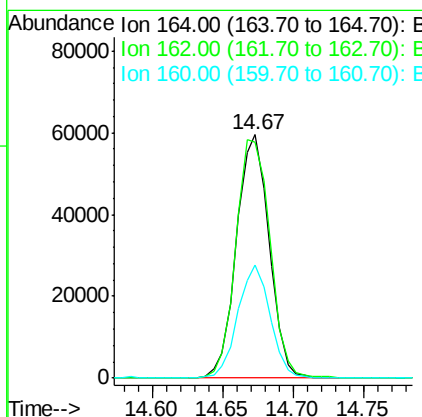
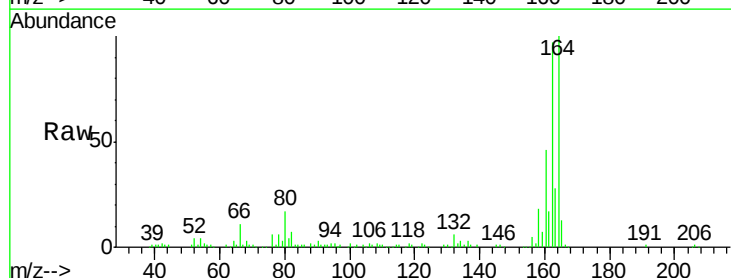
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 BNA_G
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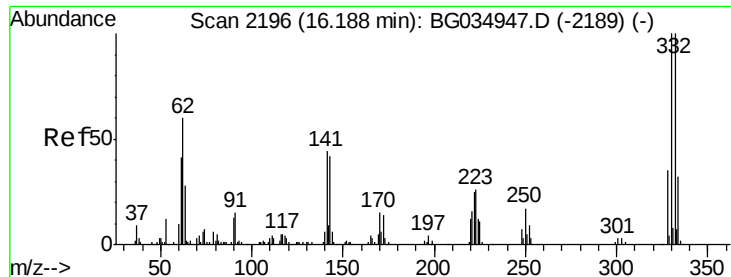
Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.2	29.7	44.5
54	45.0	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. -0.02 min
 Lab File: BG035491.D
 Acq: 28 Jun 2018 23:31

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.0	78.8	118.2
160	46.2	35.4	53.0

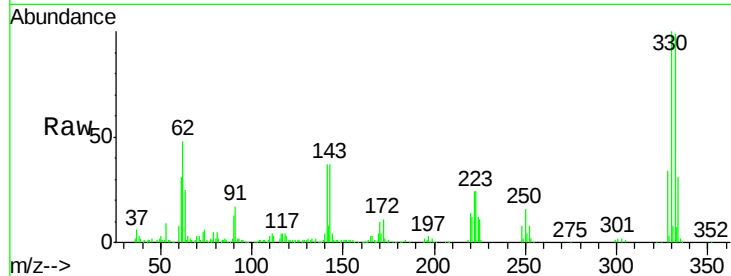




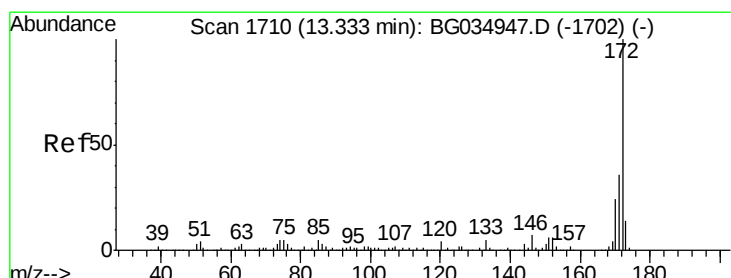
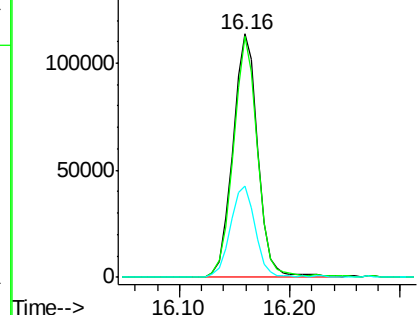
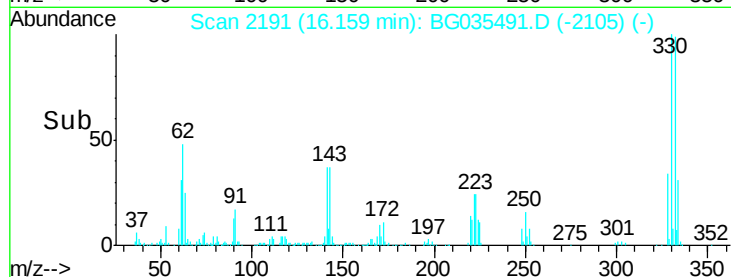
#41
 2,4,6-Tribromophenol
 Concen: 145.945 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.02 min
 Lab File: BG035491.D
 Acq: 28 Jun 2018 23:31

Instrument :
 BNA_G
 ClientSampled :
 W-29

Tgt Ion:330 Resp: 180220
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.0 115.6
 141 37.4 25.2 37.8

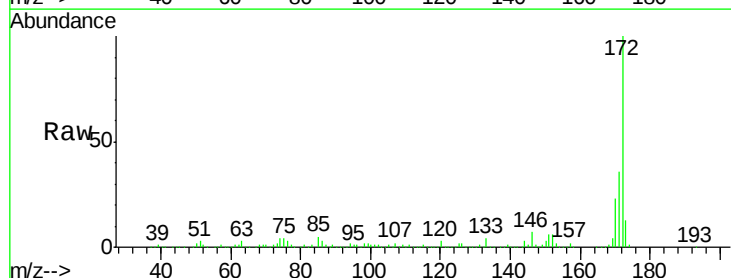


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

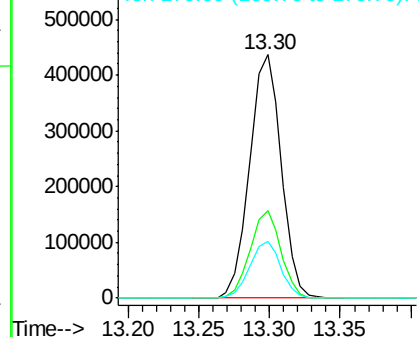
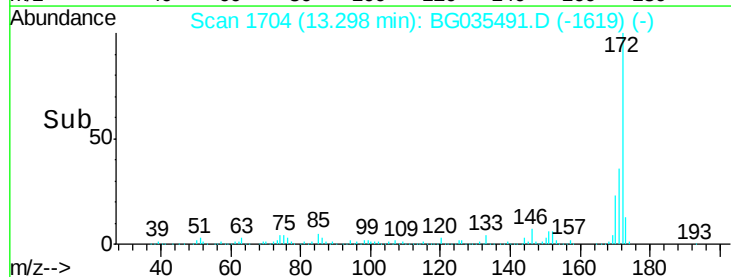


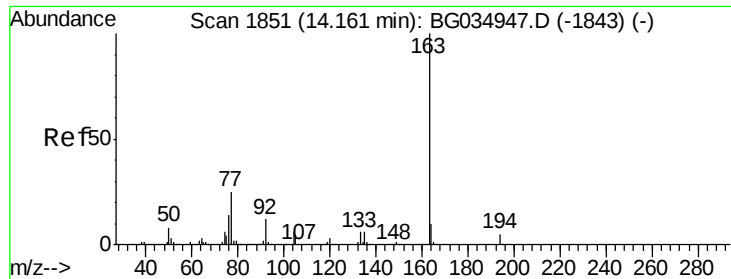
#44
 2-Fluorobiphenyl
 Concen: 92.413 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.03 min
 Lab File: BG035491.D
 Acq: 28 Jun 2018 23:31

Tgt Ion:172 Resp: 685725
 Ion Ratio Lower Upper
 172 100
 171 35.8 30.0 45.0
 170 23.4 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





#49

Dimethylphthalate

Concen: 5.784 ng

RT: 14.12 min Scan# 1844

Delta R.T. -0.04 min

Lab File: BG035491.D

Acq: 28 Jun 2018 23:31

Instrument :

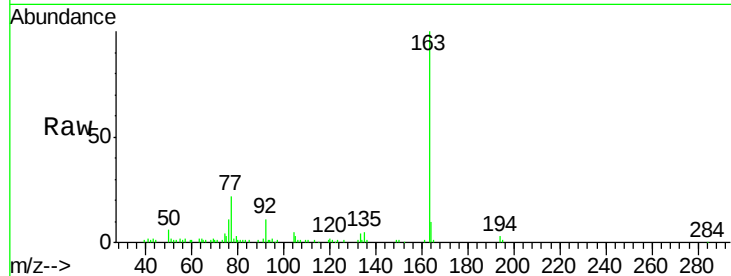
BNA_G

ClientSampleId :

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Tgt Ion:163 Resp: 48657

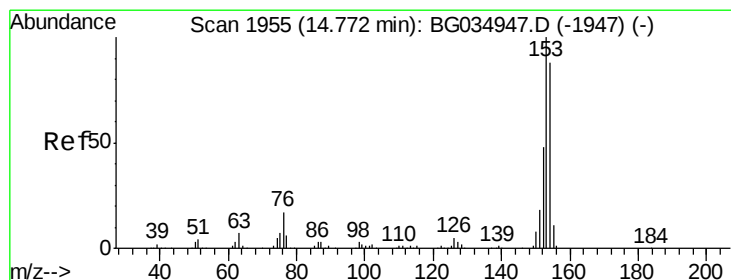
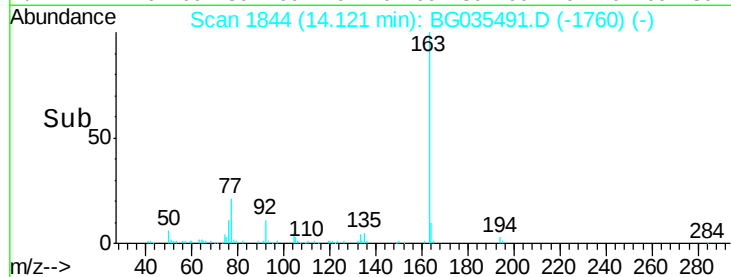
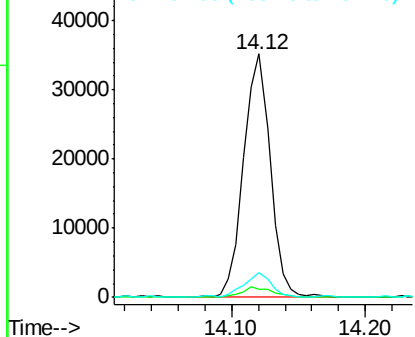
Ion	Ratio	Lower	Upper
163	100		
194	3.3	3.4	5.2#
164	10.2	8.2	12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51

Acenaphthene

Concen: 2.420 ng

RT: 14.74 min Scan# 1949

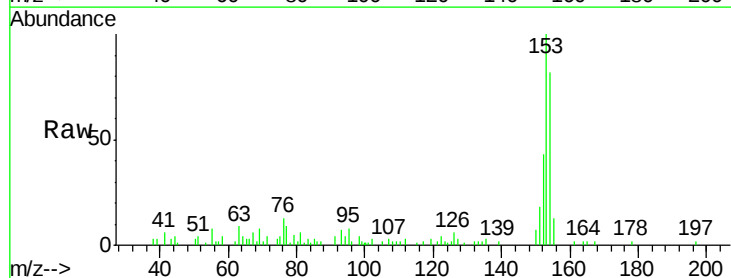
Delta R.T. -0.02 min

Lab File: BG035491.D

Acq: 28 Jun 2018 23:31

Tgt Ion:154 Resp: 15551

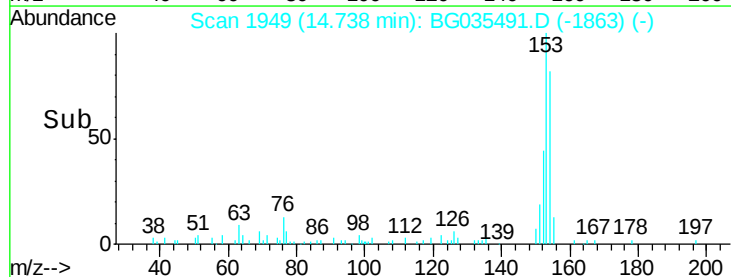
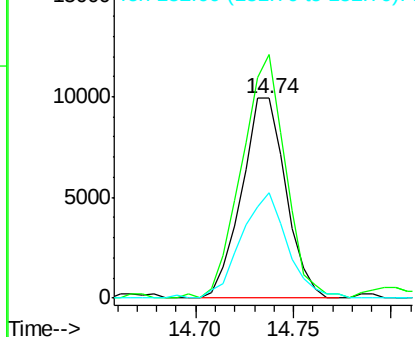
Ion	Ratio	Lower	Upper
154	100		
153	122.0	90.4	135.6
152	52.8	41.6	62.4

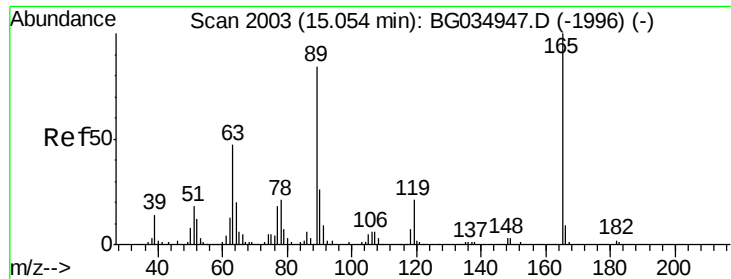


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

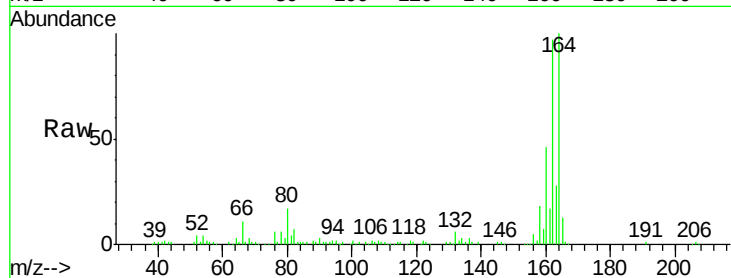




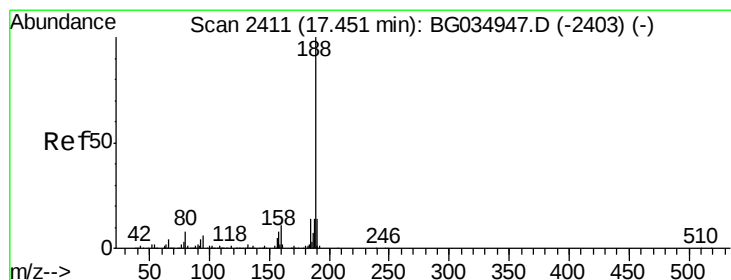
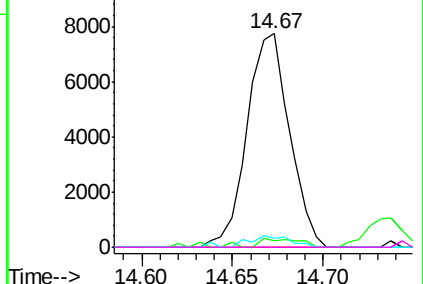
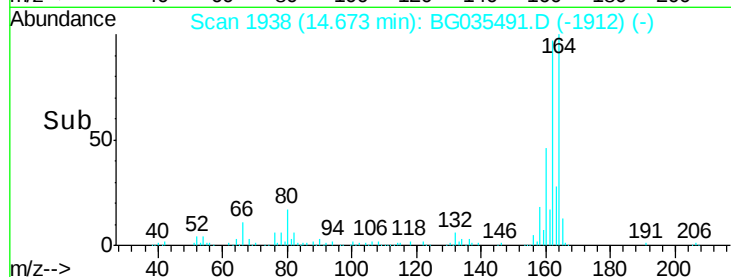
#56
2,4-Dinitrotoluene
Concen: 6.213 ng
RT: 14.67 min Scan# 1938
Delta R.T. -0.38 min
Lab File: BG035491.D
Acq: 28 Jun 2018 23:31

Instrument :
BNA_G
ClientSampleId :
W-29

Tgt Ion:165 Resp: 12666
Ion Ratio Lower Upper
165 100
63 3.2 42.0 63.0#
89 4.3 66.9 100.3#
182 0.0 2.6 3.8#

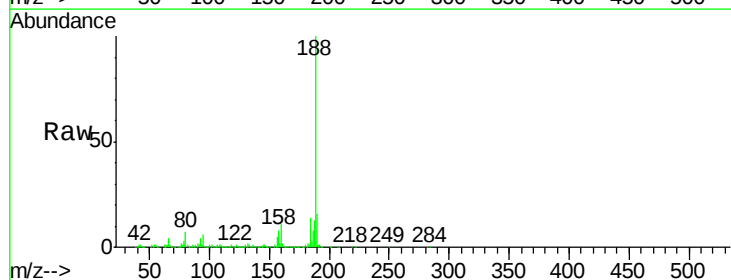


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

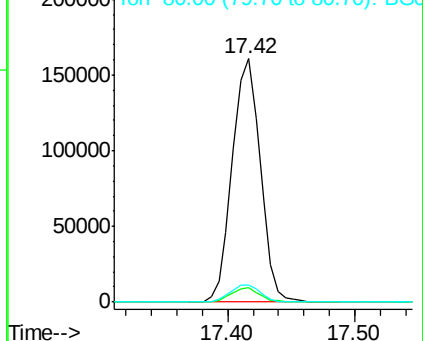
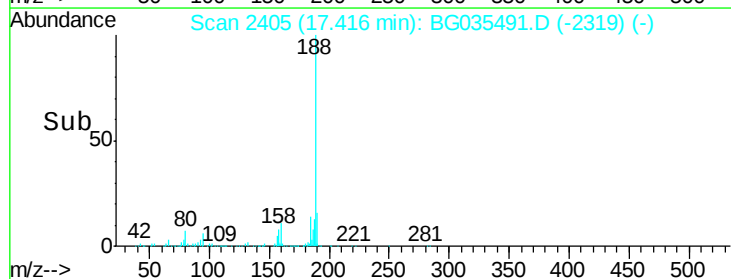


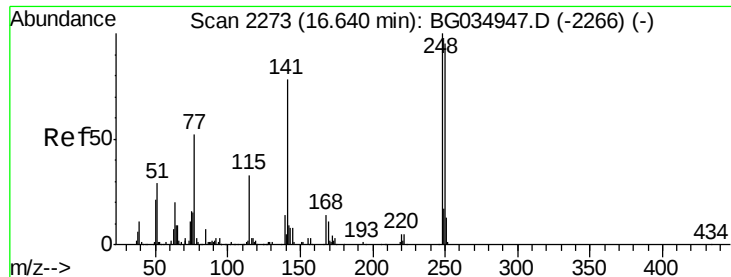
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.02 min
Lab File: BG035491.D
Acq: 28 Jun 2018 23:31

Tgt Ion:188 Resp: 246437
Ion Ratio Lower Upper
188 100
94 6.1 6.9 10.3#
80 7.1 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

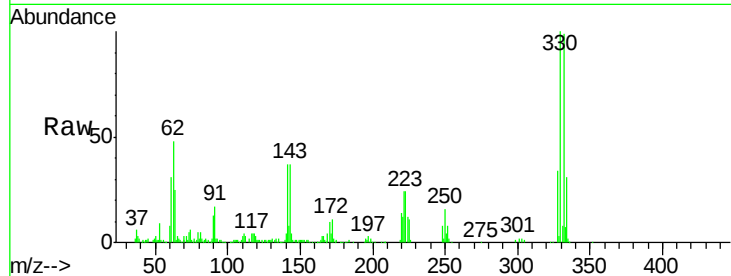




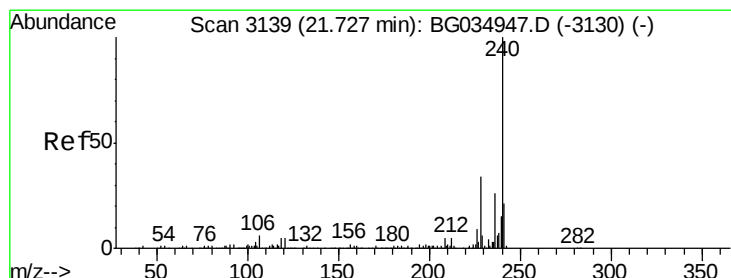
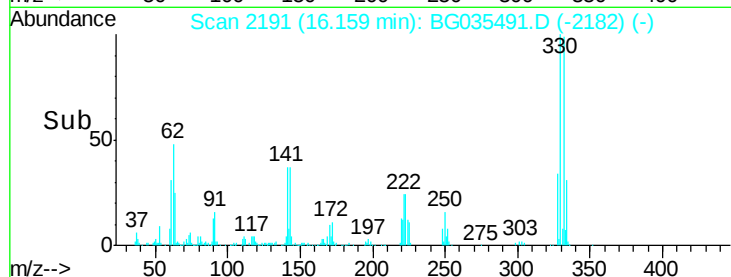
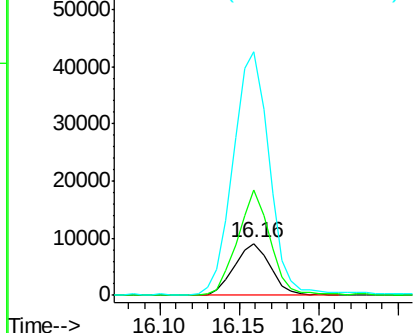
#66
4-Bromophenyl-phenylether
Concen: 4.787 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.48 min
Lab File: BG035491.D
Acq: 28 Jun 2018 23:31

Instrument :
BNA_G
ClientSampled :
W-29

Tgt Ion:248 Resp: 14207
Ion Ratio Lower Upper
248 100
250 202.5 77.1 115.7#
141 468.2 50.8 76.2#

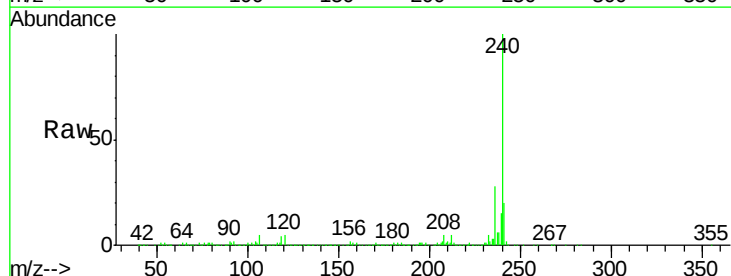


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

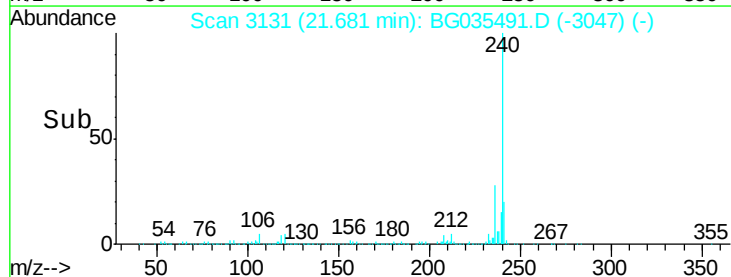
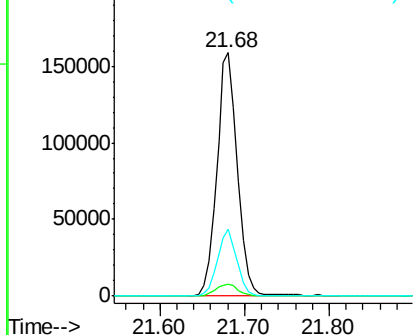


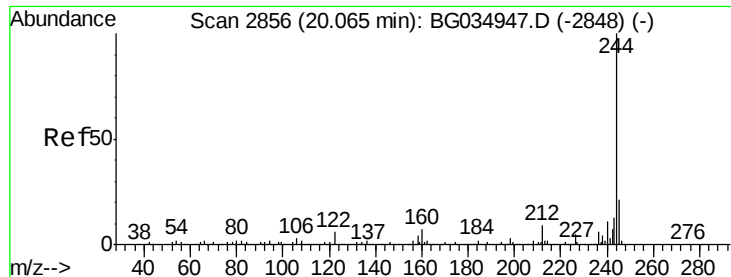
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.04 min
Lab File: BG035491.D
Acq: 28 Jun 2018 23:31

Tgt Ion:240 Resp: 270286
Ion Ratio Lower Upper
240 100
120 5.0 6.8 10.2#
236 27.5 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





#78

Terphenyl-d14

Concen: 84.292 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.03 min

Lab File: BG035491.D

Acq: 28 Jun 2018 23:31

Instrument :

BNA_G

ClientSampleId :

W-29

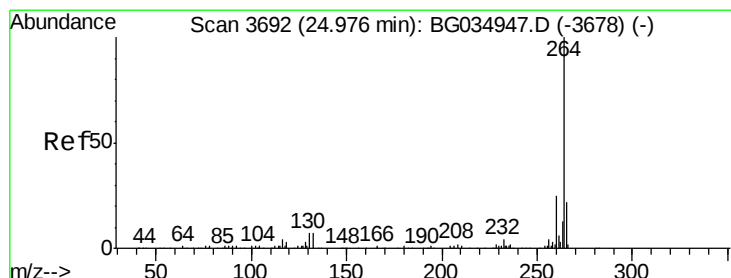
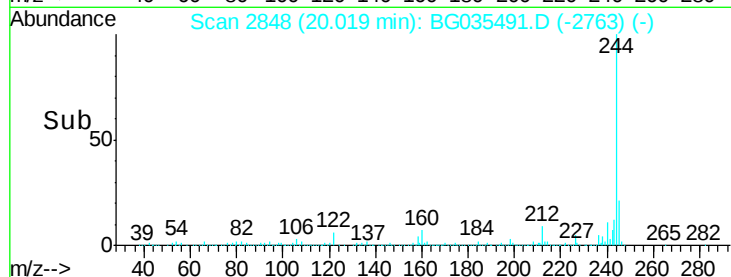
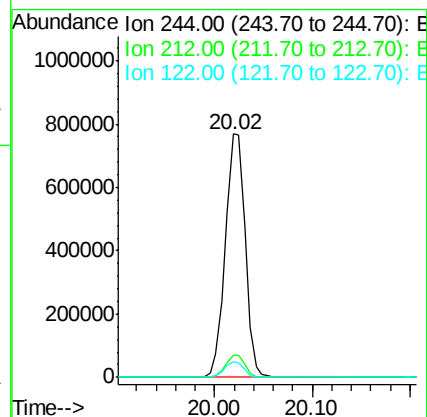
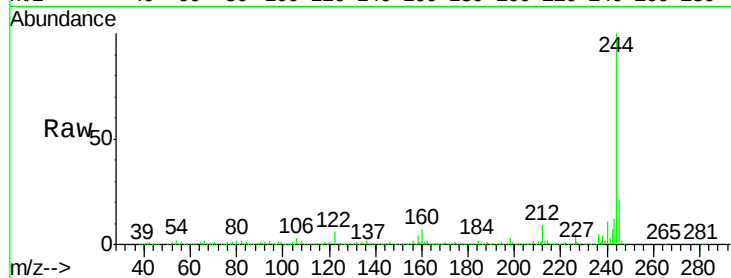
Tgt Ion:244 Resp: 1087661

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.8#

122 6.3 7.0 10.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.89 min Scan# 3678

Delta R.T. -0.06 min

Lab File: BG035491.D

Acq: 28 Jun 2018 23:31

Tgt Ion:264 Resp: 266432

Ion Ratio Lower Upper

264 100

260 21.9 17.4 26.0

265 21.8 17.7 26.5

