

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061918\
 Data File : BG035253.D
 Acq On : 19 Jun 2018 18:21
 Operator : SJ/JU
 Sample : J3546-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 061418-DBRC-F-D-S

Quant Time: Jun 19 22:18:16 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

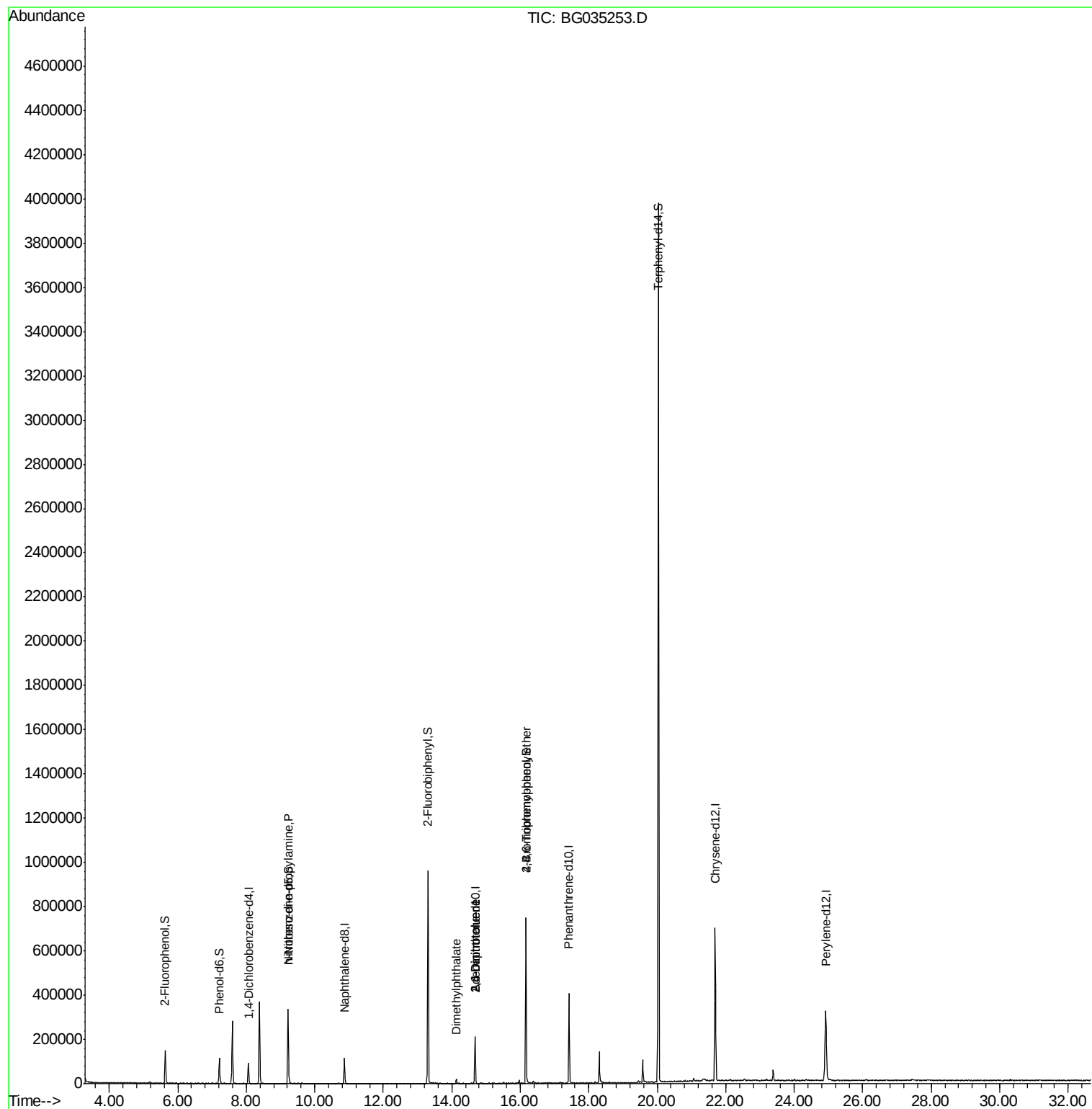
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	26133	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	98755	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	75712	20.00	ng	-0.02
63) Phenanthrene-d10	17.43	188	265736	20.00	ng	-0.01
75) Chrysene-d12	21.69	240	446688	20.00	ng	-0.02
86) Perylene-d12	24.92	264	368370	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	69864	45.12	ng	-0.01
7) Phenol-d6	7.21	99	69740	30.51	ng	-0.01
23) Nitrobenzene-d5	9.22	82	227784	109.64	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	135114	139.41	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	536210	92.07	ng	-0.02
78) Terphenyl-d14	20.04	244	1876769	88.01	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	31110	16.022	ng	# 64
49) Dimethylphthalate	14.13	163	13797	2.090	ng	# 99
50) 2,6-Dinitrotoluene	14.68	165	10263	8.521	ng	# 18
56) 2,4-Dinitrotoluene	14.68	165	10263	6.414	ng	# 16
66) 4-Bromophenyl-phenylether	16.16	248	10611	3.316	ng	# 1

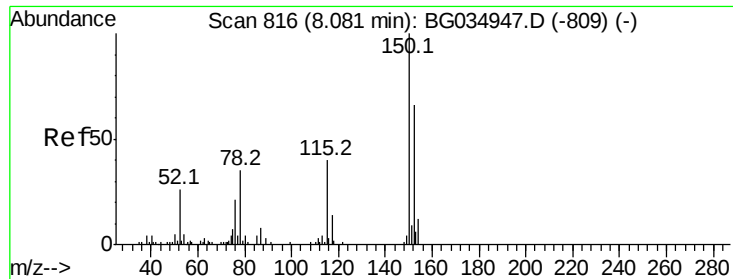
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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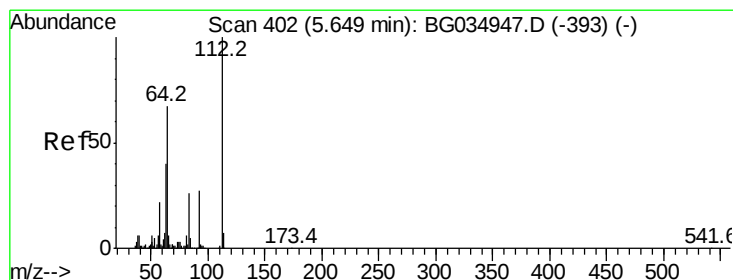
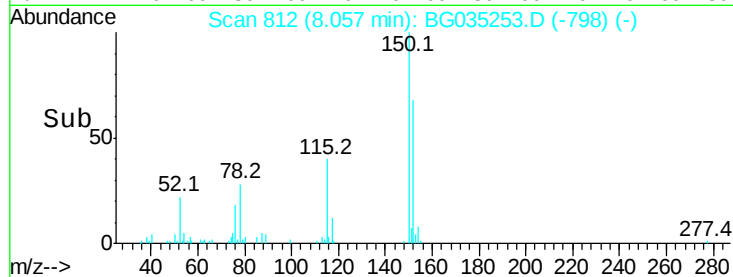
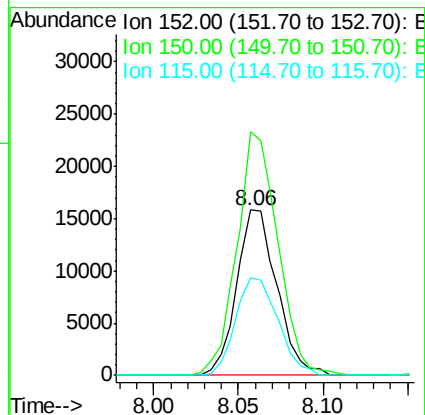
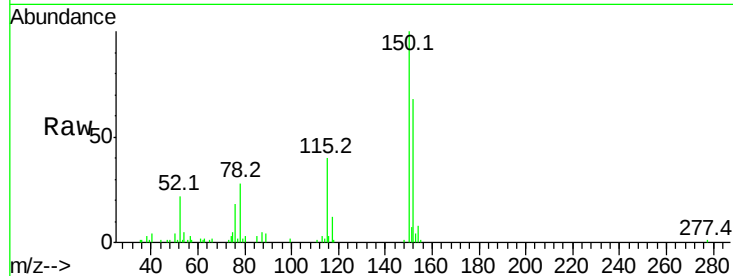


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.02 min
Lab File: BG035253.D
Acq: 19 Jun 2018 18:21

Instrument :
BNA_G
ClientSampleId :
061418-DBRC-F-D-S

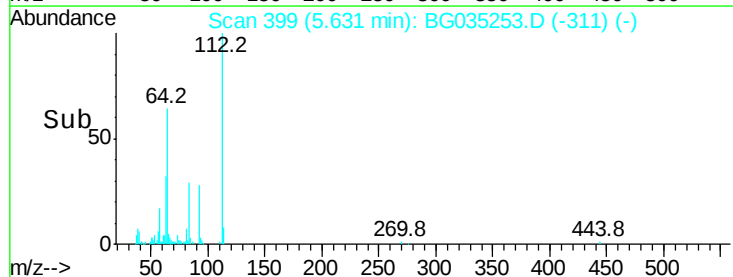
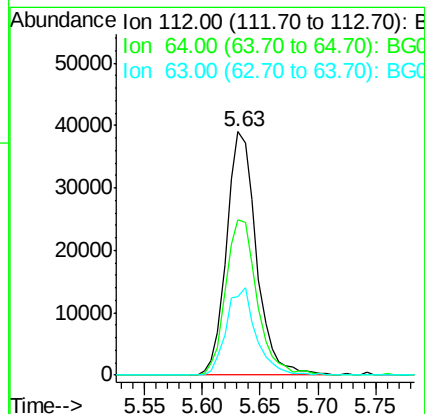
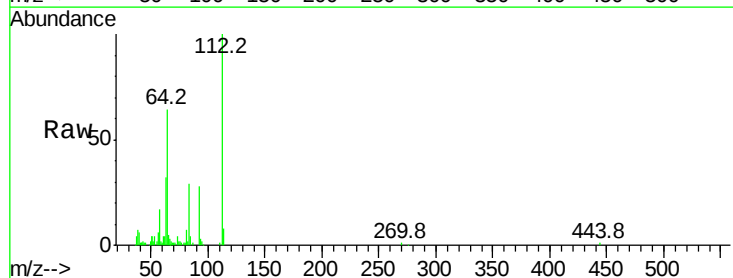
Tot Ion:152 Resp: 26133
Ion Ratio Lower Upper
152 100
150 147.5 126.6 189.8
115 59.6 53.0 79.4



#5

2-Fluorophenol
Concen: 45.117 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG035253.D
Acq: 19 Jun 2018 18:21

Tgt Ion:112 Resp: 69864
Ion Ratio Lower Upper
112 100
64 63.9 56.3 84.5
63 32.2 30.1 45.1





#7

Phenol-d6

Concen: 30.514 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035253.D

Acq: 19 Jun 2018 18:21

Instrument :

BNA_G

ClientSampleId :

061418-DBRC-F-D-S

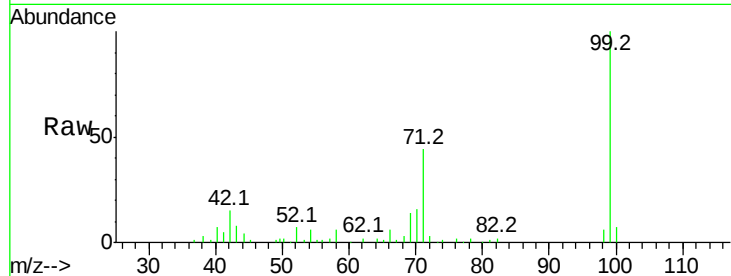
Tot Ion: 99 Resp: 69740

Ion Ratio Lower Upper

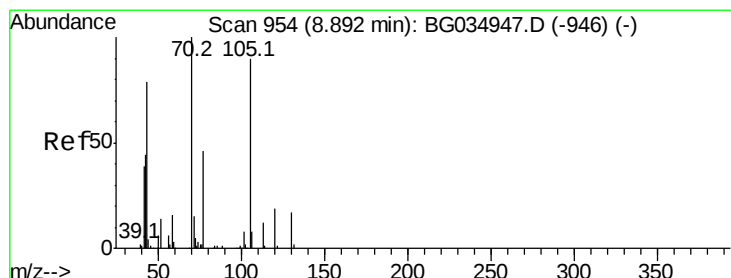
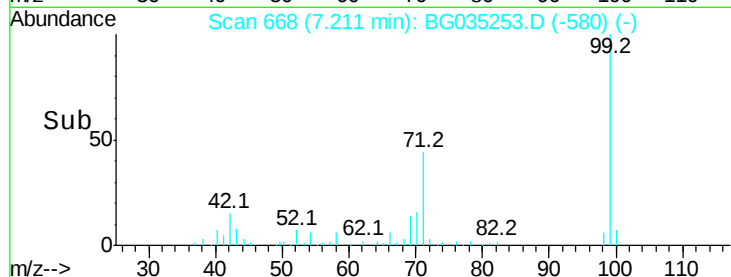
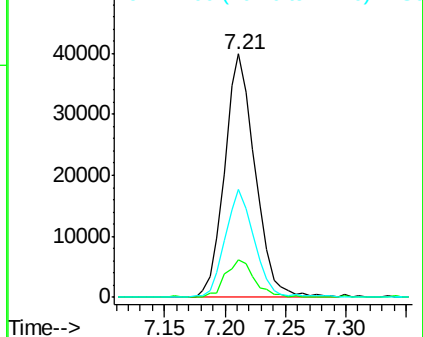
99 100

42 15.4 14.1 21.1

71 44.5 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: 16.022 ng

RT: 9.22 min Scan# 1010

Delta R.T. 0.34 min

Lab File: BG035253.D

Acq: 19 Jun 2018 18:21

Tgt Ion: 70 Resp: 31110

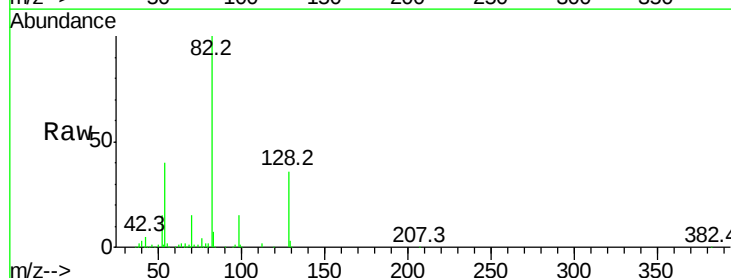
Ion Ratio Lower Upper

70 100

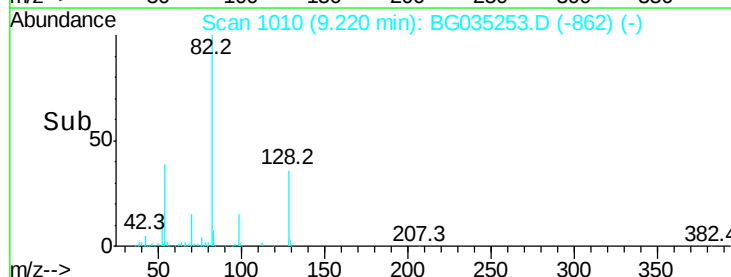
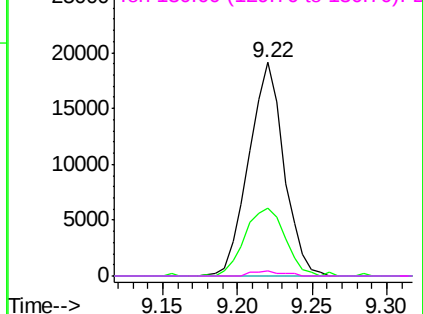
42 31.9 49.1 73.7#

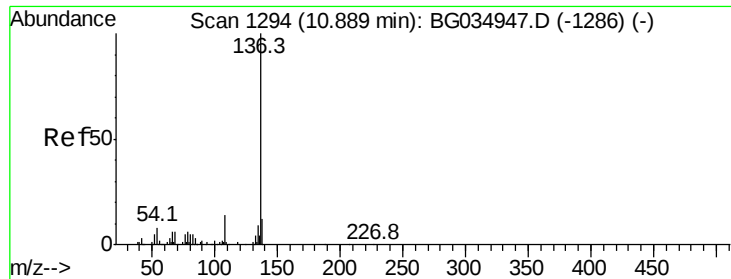
101 0.0 8.5 12.7#

130 2.2 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

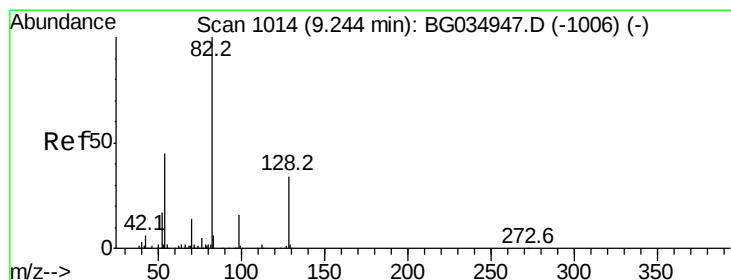
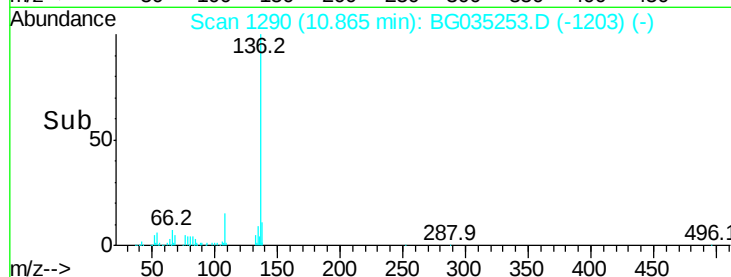
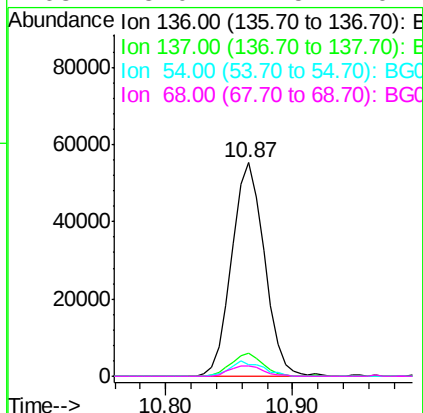
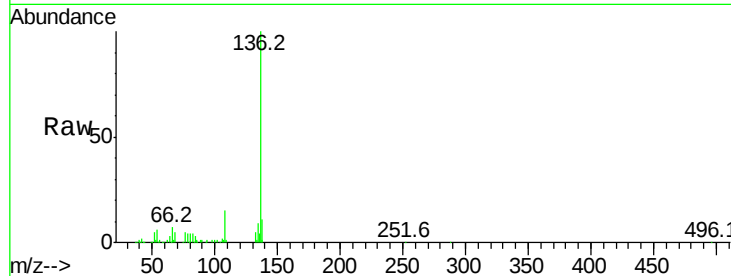




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BG035253.D
Acq: 19 Jun 2018 18:21

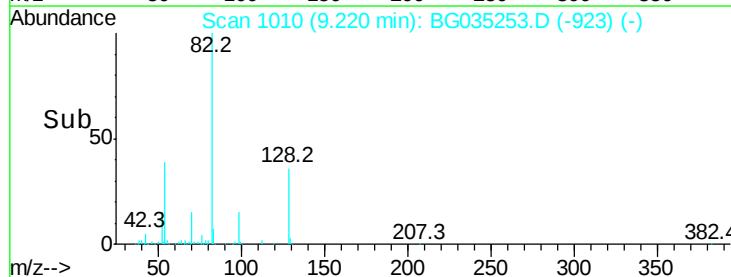
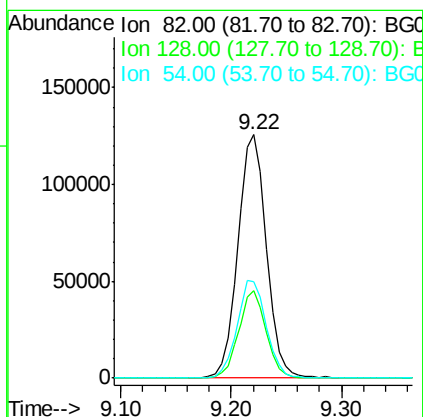
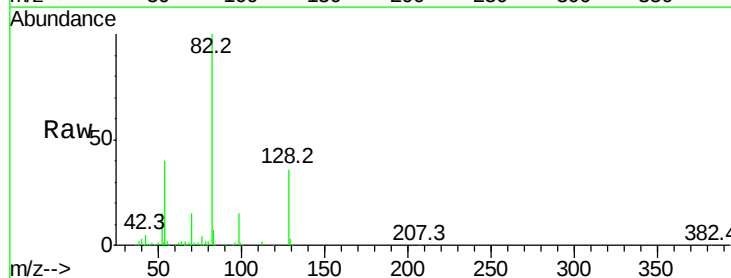
Instrument :
BNA_G
ClientSampleId :
061418-DBRC-F-D-S

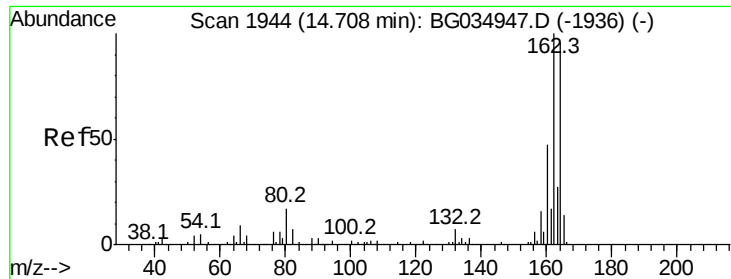
Tot Ion:136	Resp:	98755
Ion	Ratio	Lower Upper
136	100	
137	11.0	9.2 13.8
54	5.7	10.3 15.5#
68	5.0	4.5 6.7



#23
Nitrobenzene-d5
Concen: 109.641 ng
RT: 9.22 min Scan# 1010
Delta R.T. -0.02 min
Lab File: BG035253.D
Acq: 19 Jun 2018 18:21

Tgt Ion: 82	Resp:	227784
Ion	Ratio	Lower Upper
82	100	
128	36.1	29.7 44.5
54	39.6	43.1 64.7#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1939

Delta R.T. -0.02 min

Lab File: BG035253.D

Acq: 19 Jun 2018 18:21

Instrument :

BNA_G

ClientSampleId :

061418-DBRC-F-D-S

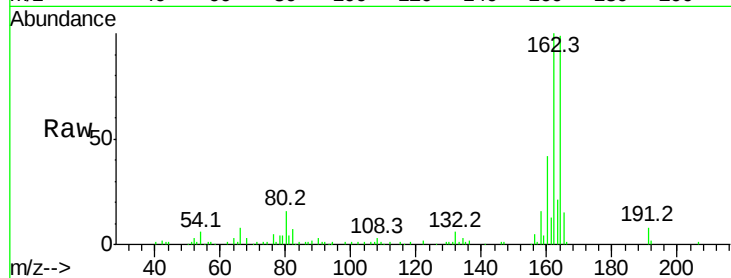
Tot Ion:164 Resp: 75712

Ion Ratio Lower Upper

164 100

162 100.8 78.8 118.2

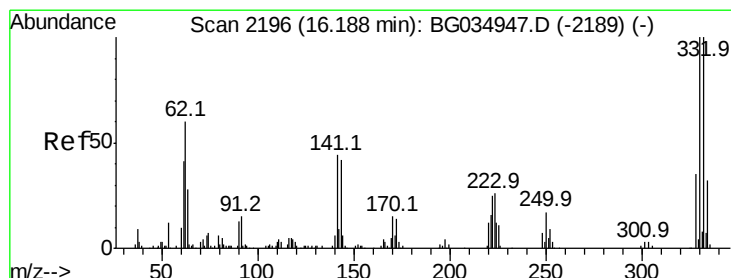
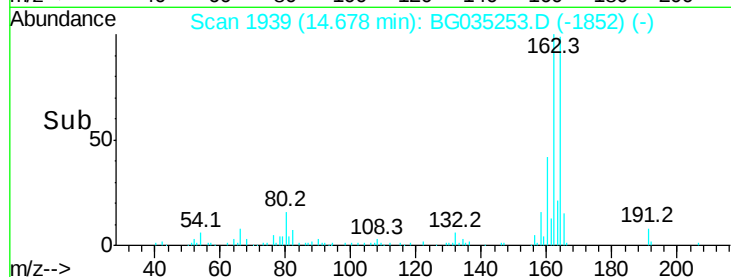
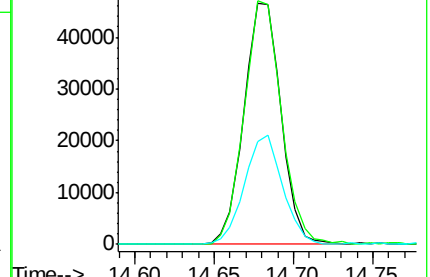
160 42.4 35.4 53.0



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: 139.406 ng

RT: 16.17 min Scan# 2193

Delta R.T. -0.01 min

Lab File: BG035253.D

Acq: 19 Jun 2018 18:21

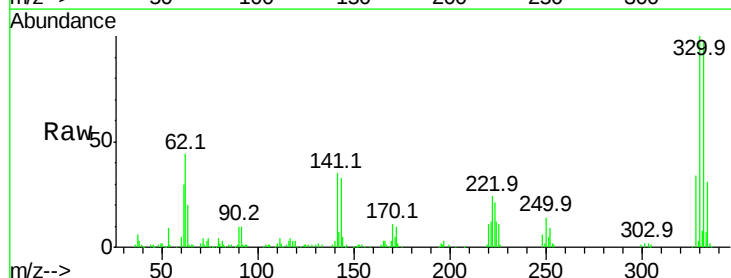
Tgt Ion:330 Resp: 135114

Ion Ratio Lower Upper

330 100

332 98.6 77.0 115.6

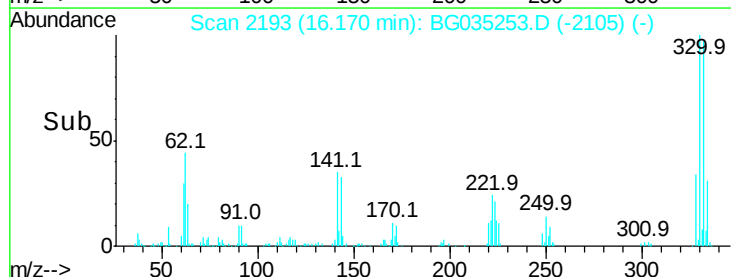
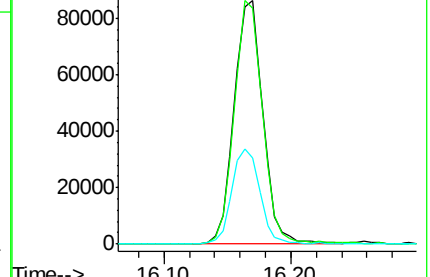
141 38.0 25.2 37.8#

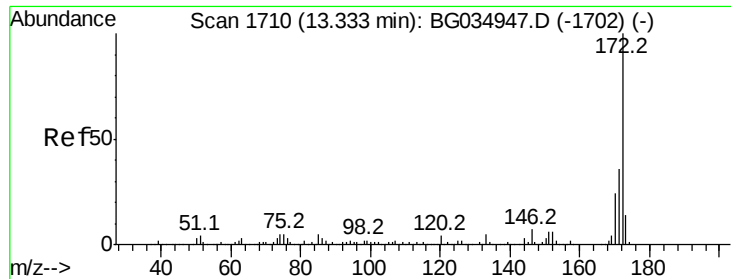


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

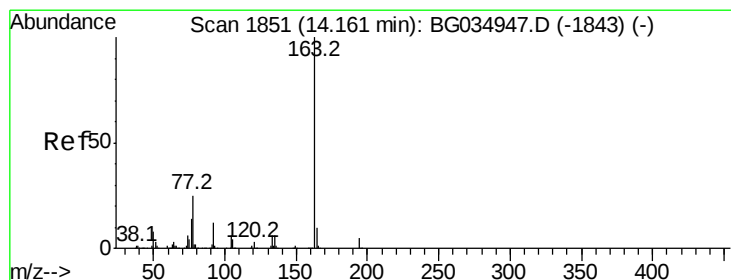
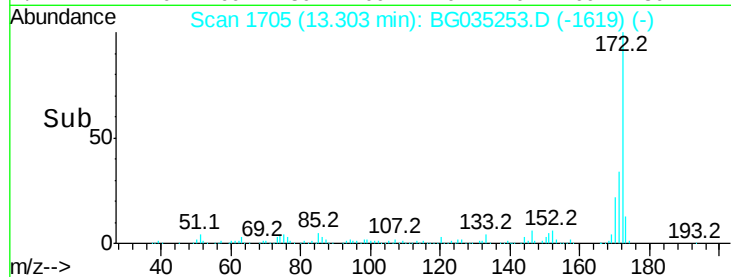
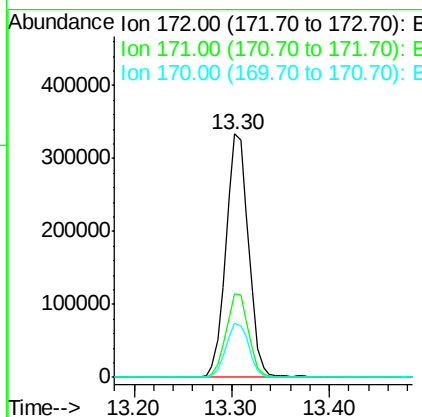
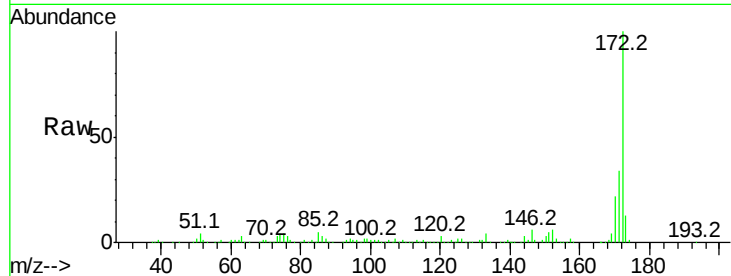




#44
2-Fluorobiphenyl
Concen: 92.069 ng
RT: 13.30 min Scan# 1705
Delta R.T. -0.02 min
Lab File: BG035253.D
Acq: 19 Jun 2018 18:21

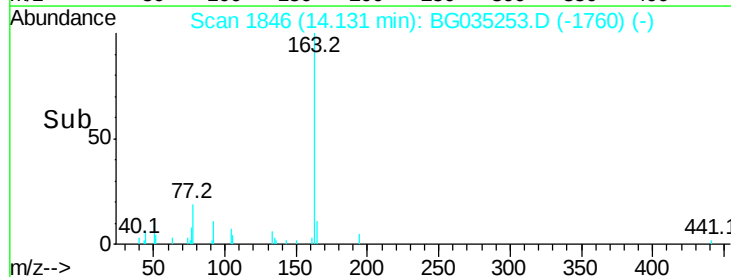
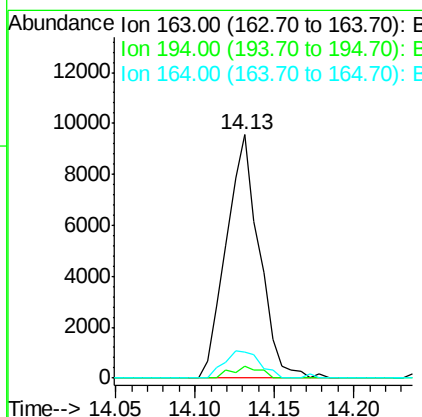
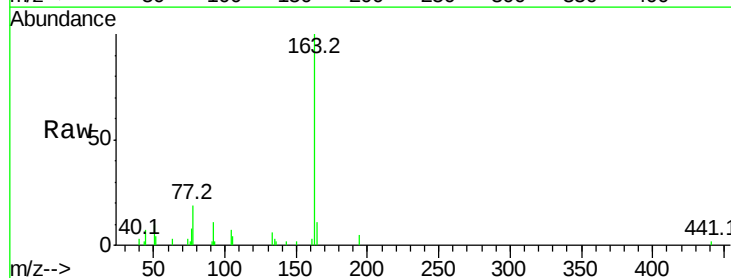
Instrument :
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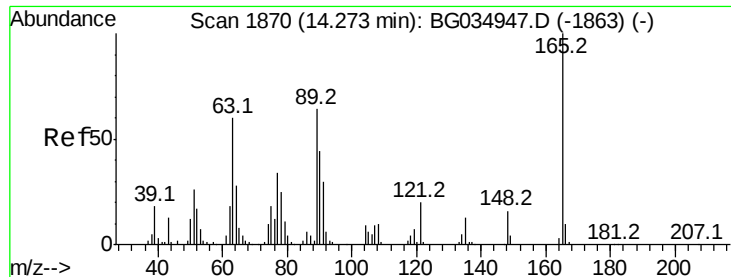
Tot Ion:172 Resp: 536210
Ion Ratio Lower Upper
172 100
171 34.2 30.0 45.0
170 22.2 19.5 29.3



#49
Dimethylphthalate
Concen: 2.090 ng
RT: 14.13 min Scan# 1846
Delta R.T. -0.02 min
Lab File: BG035253.D
Acq: 19 Jun 2018 18:21

Tgt Ion:163 Resp: 13797
Ion Ratio Lower Upper
163 100
194 4.8 3.4 5.2
164 10.8 8.2 12.4

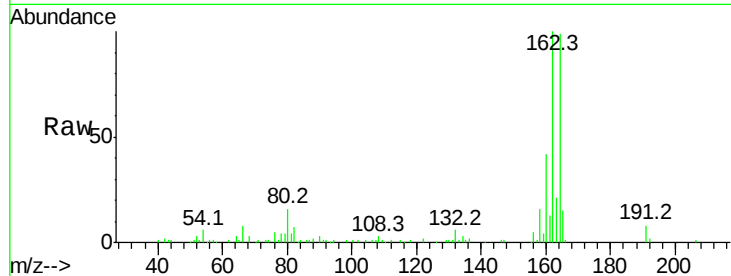




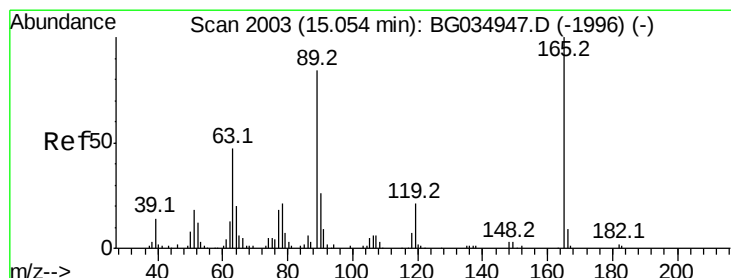
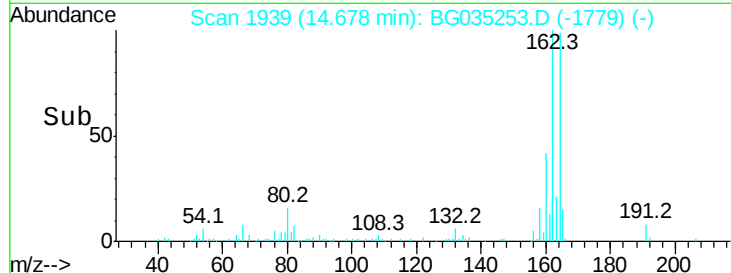
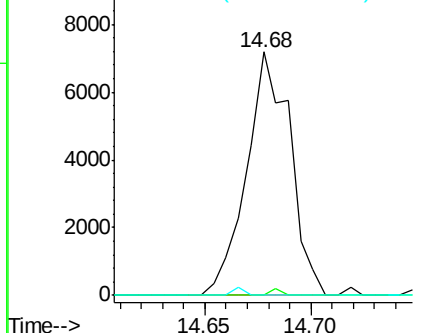
#50
 2,6-Dinitrotoluene
 Concen: 8.521 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. 0.41 min
 Lab File: BG035253.D
 Acq: 19 Jun 2018 18:21

Instrument :
 BNA_G
 ClientSampleId :
 061418-DBRC-F-D-S

Tot Ion:165 Resp: 10263
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 0.0 49.2 73.8#

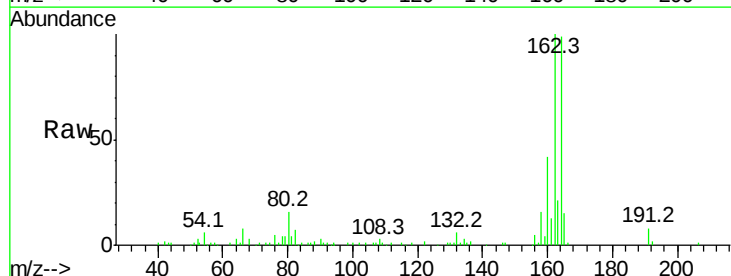


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

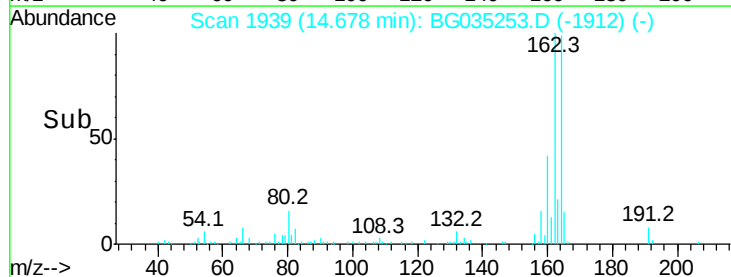
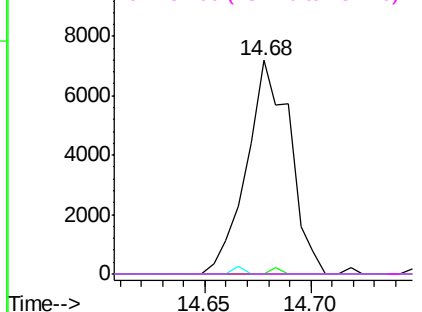


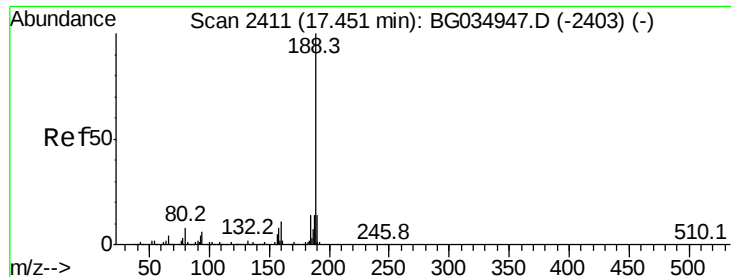
#56
 2,4-Dinitrotoluene
 Concen: 6.414 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.37 min
 Lab File: BG035253.D
 Acq: 19 Jun 2018 18:21

Tgt Ion:165 Resp: 10263
 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#



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: 17.43 min Scan# 2407

Delta R.T. -0.01 min

Lab File: BG035253.D

Acq: 19 Jun 2018 18:21

Instrument :

BNA_G

ClientSampleId :

061418-DBRC-F-D-S

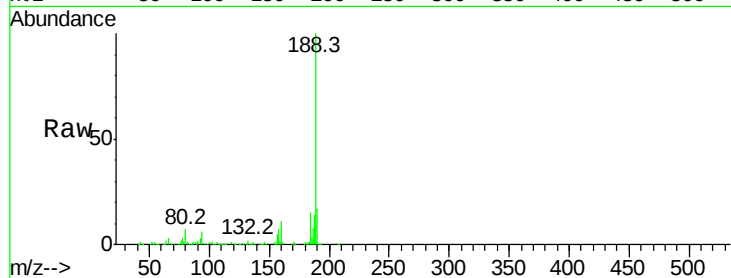
Tot Ion:188 Resp: 265736

Ion Ratio Lower Upper

188 100

94 6.0 6.9 10.3#

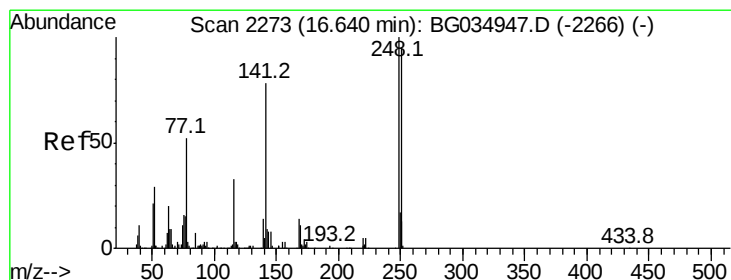
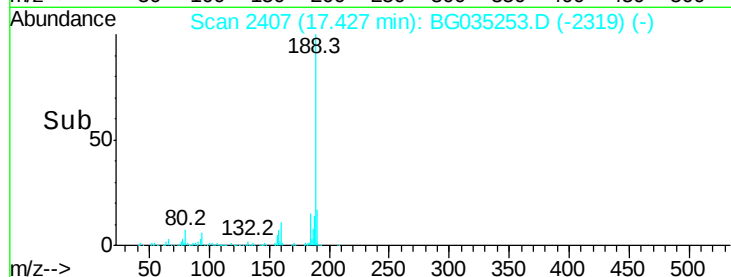
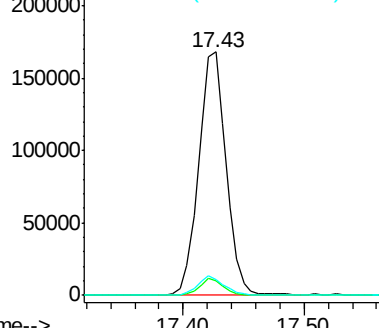
80 6.6 7.7 11.5#



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: 3.316 ng

RT: 16.16 min Scan# 2192

Delta R.T. -0.47 min

Lab File: BG035253.D

Acq: 19 Jun 2018 18:21

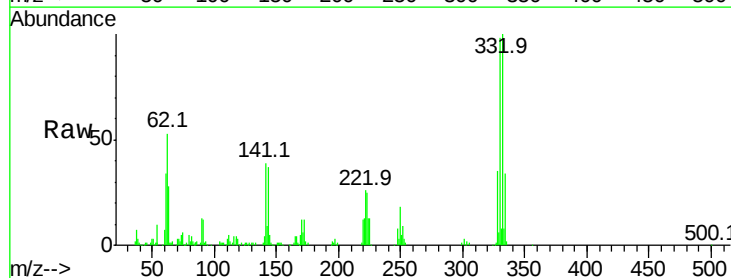
Tgt Ion:248 Resp: 10611

Ion Ratio Lower Upper

248 100

250 231.3 77.1 115.7#

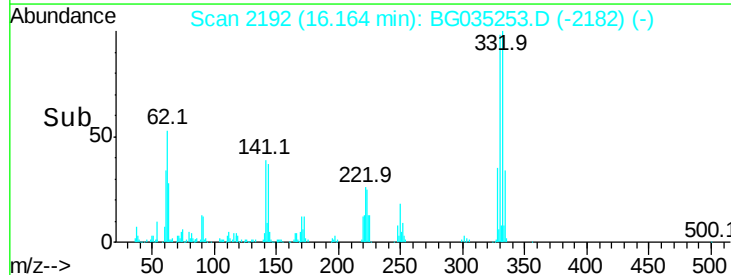
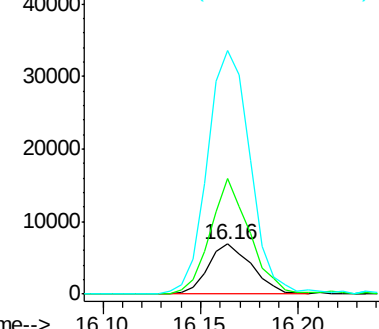
141 487.1 50.8 76.2#

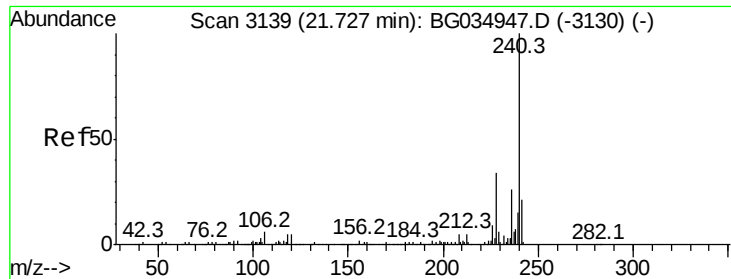


Abundance Ion 248.00 (247.70 to 248.70): E

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: 21.69 min Scan# 3133

Delta R.T. -0.02 min

Lab File: BG035253.D

Acq: 19 Jun 2018 18:21

Instrument :

BNA_G

ClientSampleId :

061418-DBRC-F-D-S

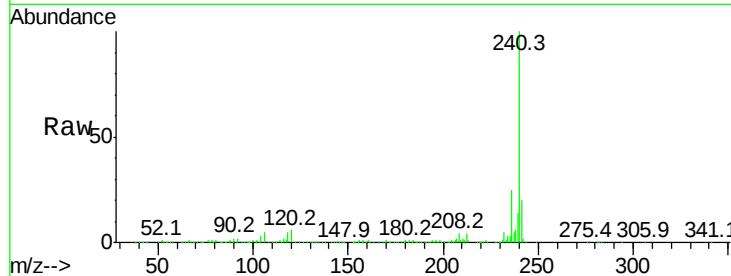
Tot Ion:240 Resp: 446688

Ion Ratio Lower Upper

240 100

120 5.5 6.8 10.2#

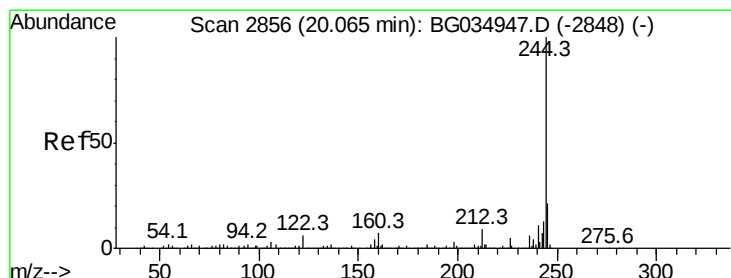
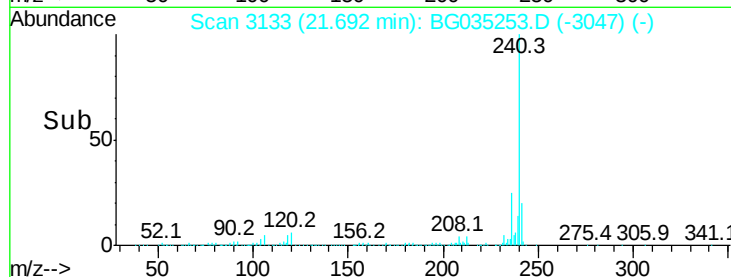
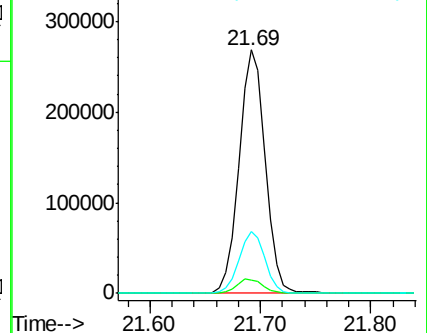
236 25.4 20.9 31.3



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: 88.008 ng

RT: 20.04 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BG035253.D

Acq: 19 Jun 2018 18:21

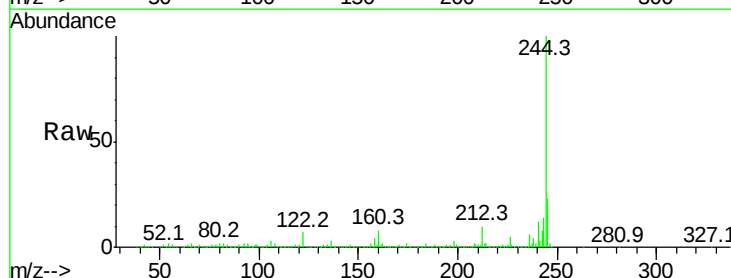
Tgt Ion:244 Resp: 1876769

Ion Ratio Lower Upper

244 100

212 9.7 5.8 8.8#

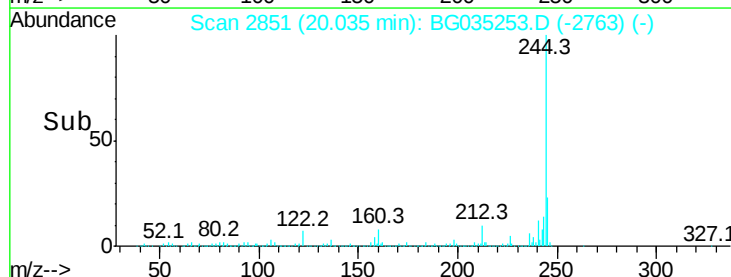
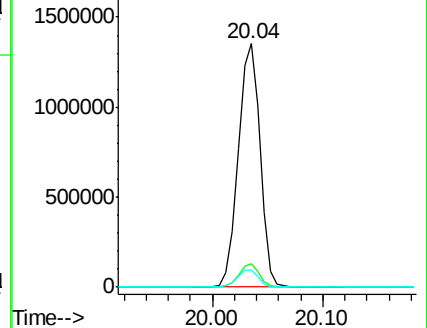
122 6.9 7.0 10.4#

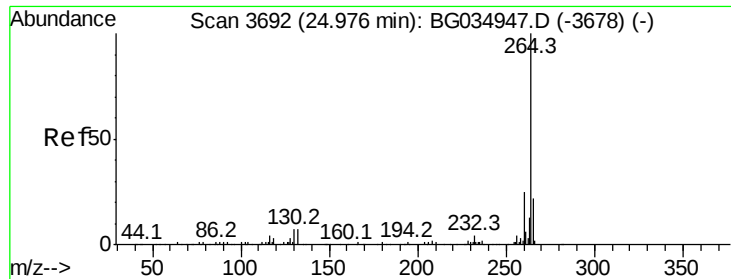


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



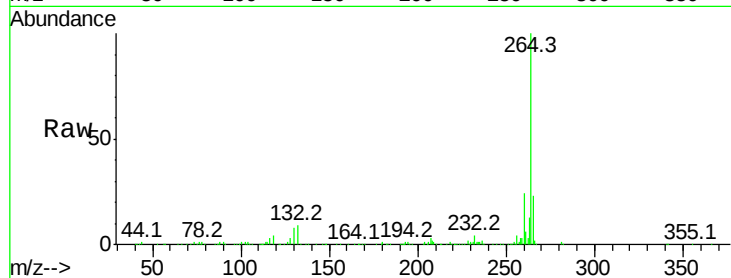


#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3682
Delta R.T. -0.04 min
Lab File: BG035253.D
Acq: 19 Jun 2018 18:21

Instrument :
BNA_G
ClientSampleId :
061418-DBRC-F-D-S

Tot Ion:264 Resp: 368370

Ion	Ratio	Lower	Upper
264	100		
260	23.6	17.4	26.0
265	22.6	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

