

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062218\
 Data File : BG035353.D
 Acq On : 23 Jun 2018 5:10
 Operator : JU/SJ
 Sample : J3587-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 061818-DBRI-E-D-B

Quant Time: Jun 25 05:47:10 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

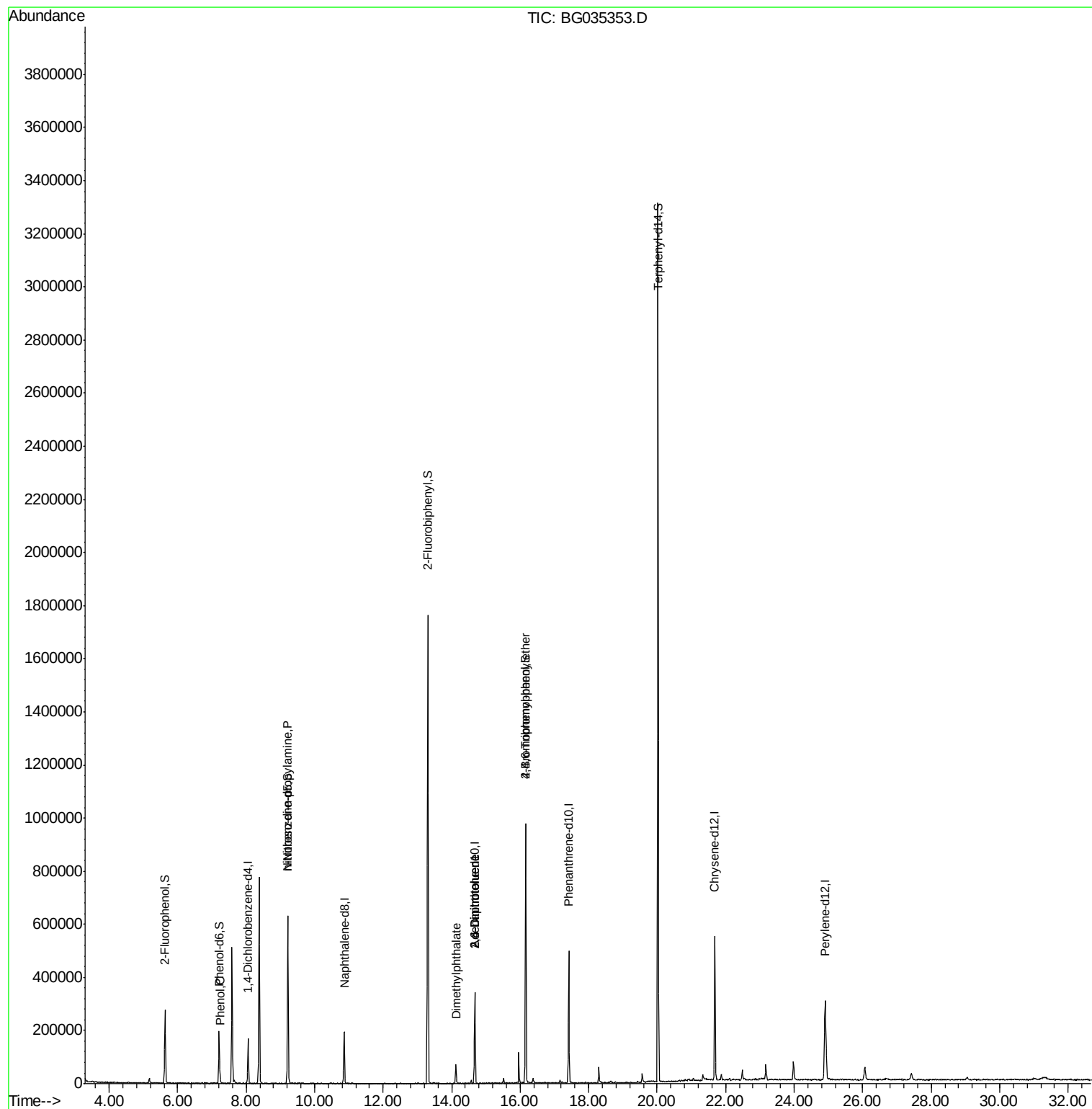
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	48146	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	169174	20.00	ng	-0.03
38) Acenaphthene-d10	14.67	164	120111	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	315606	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	351393	20.00	ng	-0.03
86) Perylene-d12	24.90	264	330855	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	127197	44.58	ng	-0.02
7) Phenol-d6	7.21	99	119976	28.49	ng	-0.02
23) Nitrobenzene-d5	9.22	82	417229	117.23	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	177932	115.72	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	978833	105.94	ng	-0.03
78) Terphenyl-d14	20.03	244	1571123	93.66	ng	-0.02
Target Compounds						
10) Phenol	7.24	94	9481	2.176	ng	92
19) n-Nitroso-di-n-propylamine	9.22	70	56153	15.697	ng	# 68
49) Dimethylphthalate	14.12	163	48427	4.624	ng	99
50) 2,6-Dinitrotoluene	14.67	165	16921	8.855	ng	# 20
56) 2,4-Dinitrotoluene	14.67	165	16921	6.666	ng	# 18
66) 4-Bromophenyl-phenylether	16.16	248	14744	3.879	ng	# 1

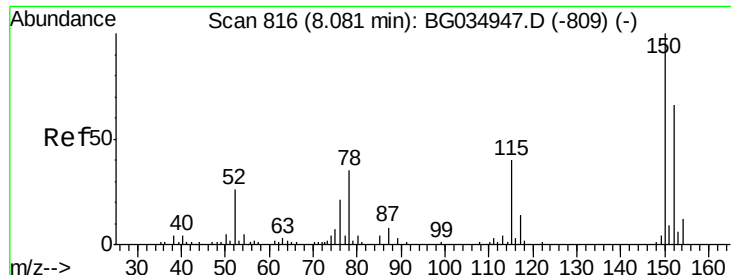
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062218\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration



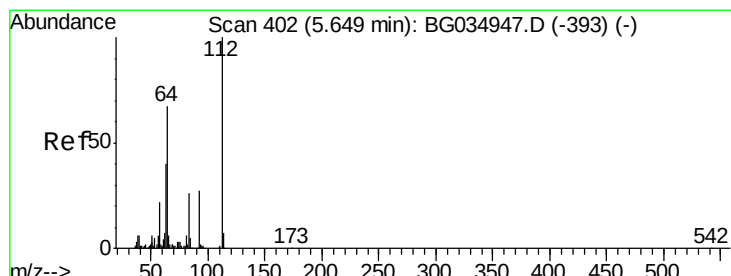
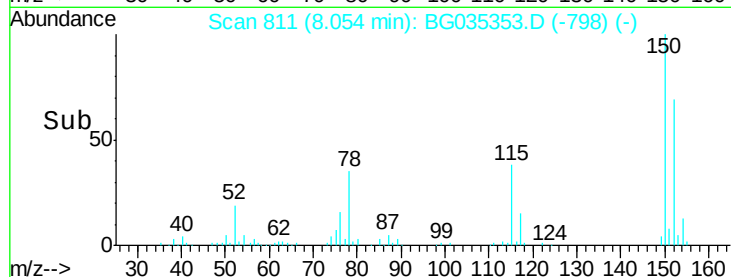
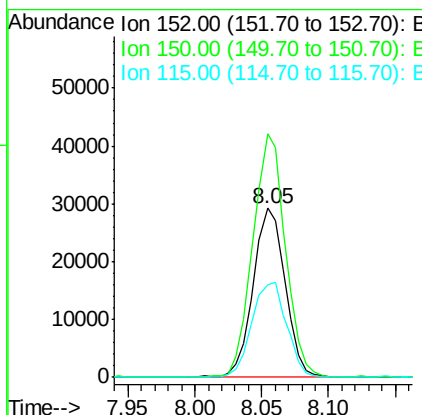
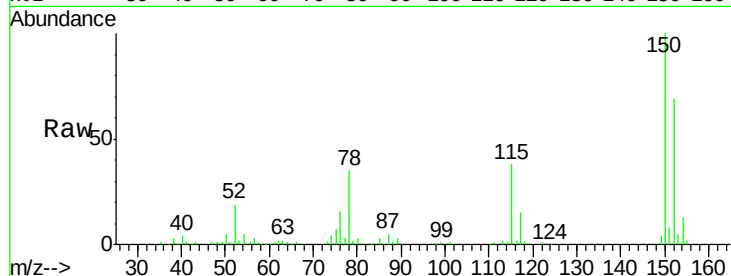


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.02 min
Lab File: BG035353.D
Acq: 23 Jun 2018 5:10

Instrument :
BNA_G
ClientSampleId :
061818-DBRI-E-D-B

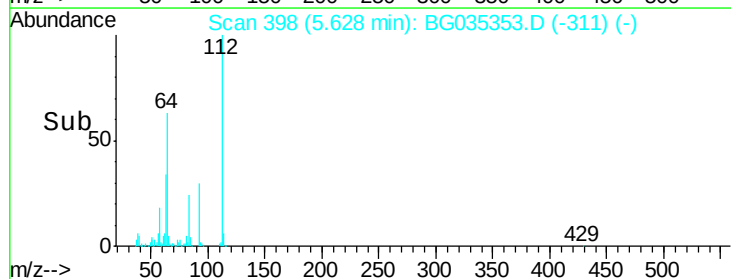
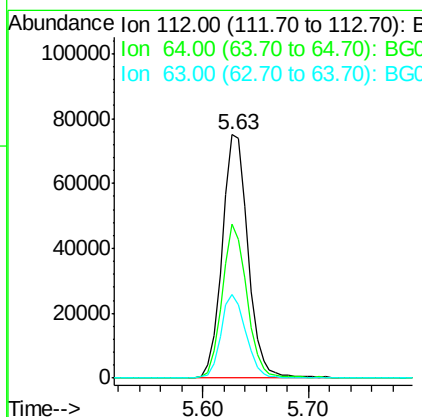
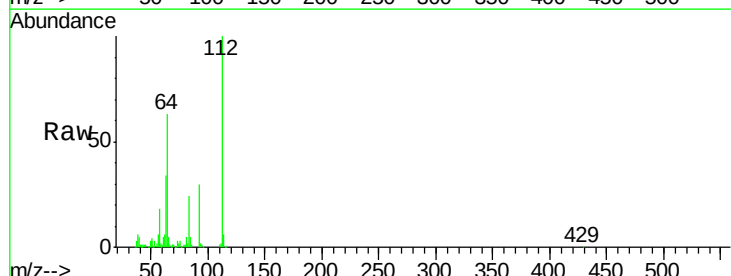
Tgt Ion:152 Resp: 48146
Ion Ratio Lower Upper
152 100
150 144.2 126.6 189.8
115 54.5 53.0 79.4

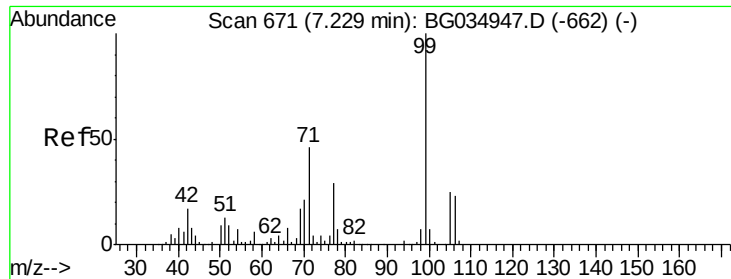


#5

2-Fluorophenol
Concen: 44.585 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.02 min
Lab File: BG035353.D
Acq: 23 Jun 2018 5:10

Tgt Ion:112 Resp: 127197
Ion Ratio Lower Upper
112 100
64 63.4 56.3 84.5
63 34.4 30.1 45.1





#7

Phenol-d6

Concen: 28.493 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.02 min

Lab File: BG035353.D

Acq: 23 Jun 2018 5:10

Instrument :

BNA_G

ClientSampleId :

061818-DBRI-E-D-B

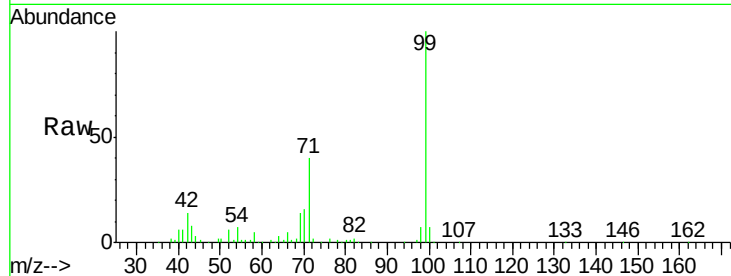
Tgt Ion: 99 Resp: 119976

Ion Ratio Lower Upper

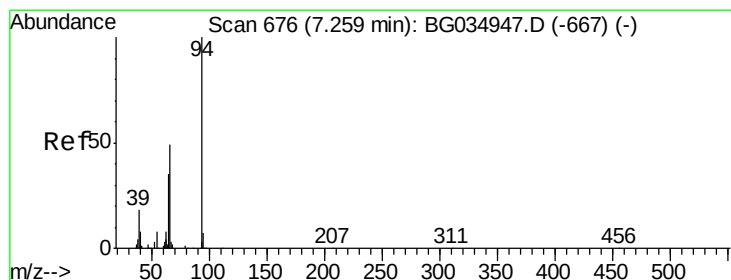
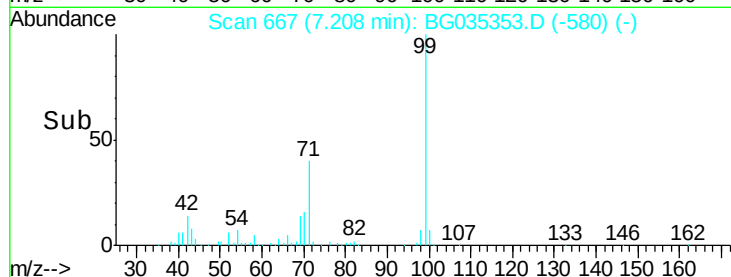
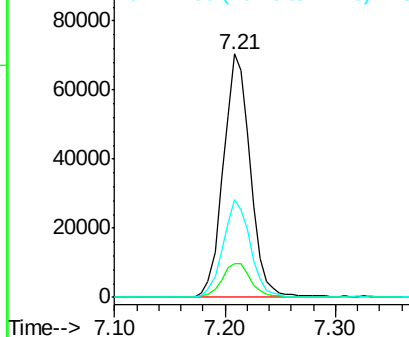
99 100

42 13.8 14.1 21.1#

71 40.3 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: 2.176 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.02 min

Lab File: BG035353.D

Acq: 23 Jun 2018 5:10

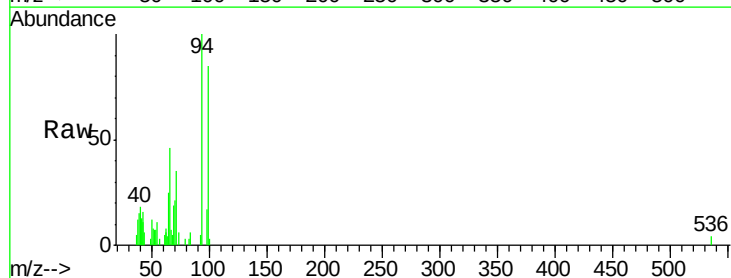
Tgt Ion: 94 Resp: 9481

Ion Ratio Lower Upper

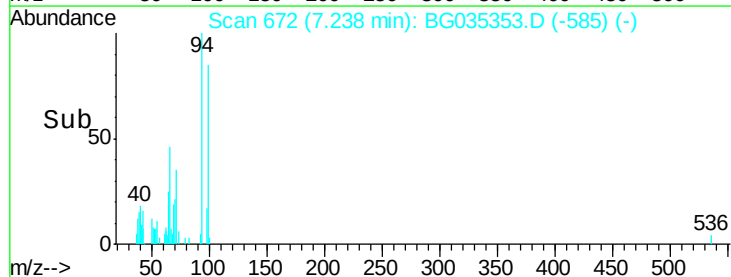
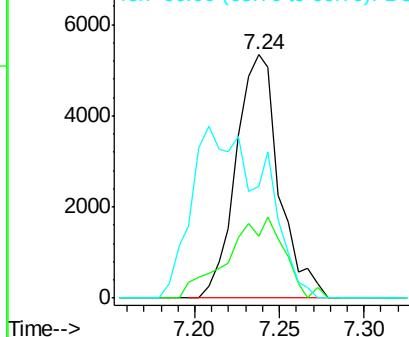
94 100

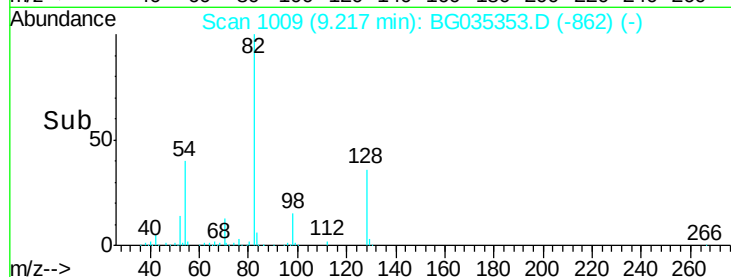
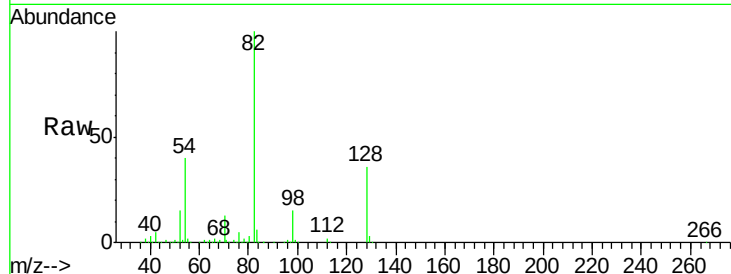
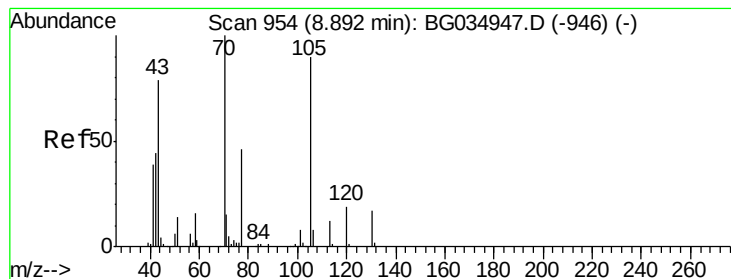
65 25.5 11.9 51.9

66 45.7 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: 15.697 ng

RT: 9.22 min Scan# 1009

Delta R.T. 0.34 min

Lab File: BG035353.D

Acq: 23 Jun 2018 5:10

Instrument :

BNA_G

ClientSampleId :

061818-DBRI-E-D-B

Tgt Ion: 70 Resp: 56153

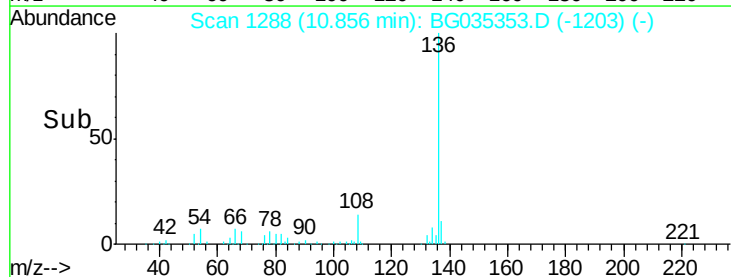
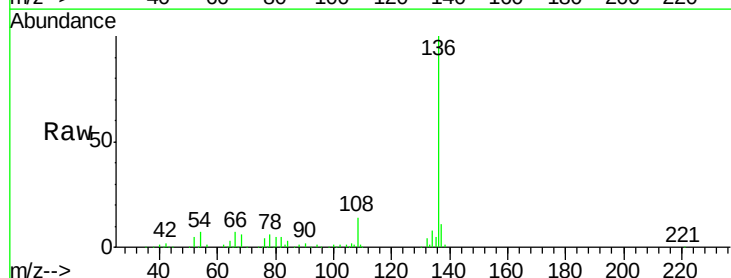
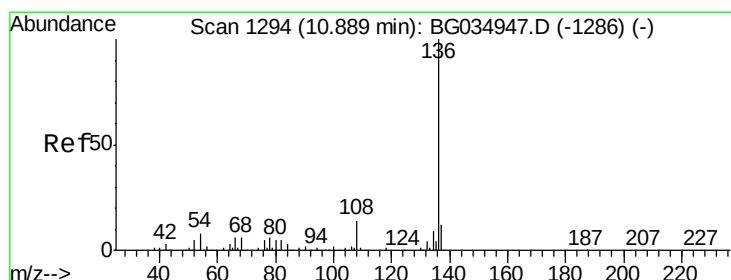
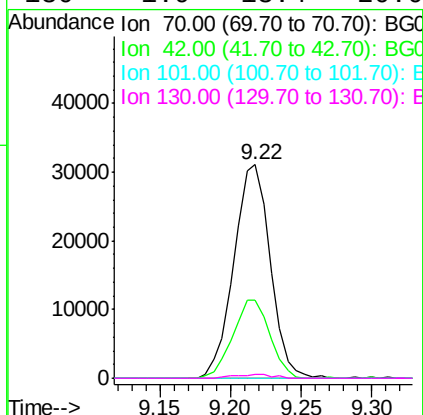
Ion Ratio Lower Upper

70 100

42 36.7 49.1 73.7#

101 0.0 8.5 12.7#

130 1.9 13.4 20.0#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1288

Delta R.T. -0.03 min

Lab File: BG035353.D

Acq: 23 Jun 2018 5:10

Tgt Ion: 136 Resp: 169174

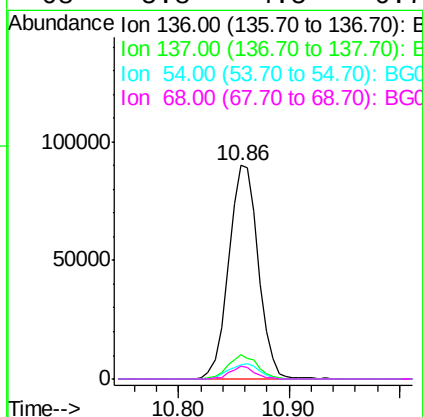
Ion Ratio Lower Upper

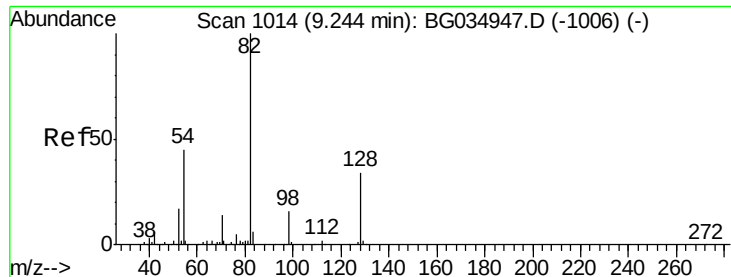
136 100

137 11.2 9.2 13.8

54 6.7 10.3 15.5#

68 5.8 4.5 6.7

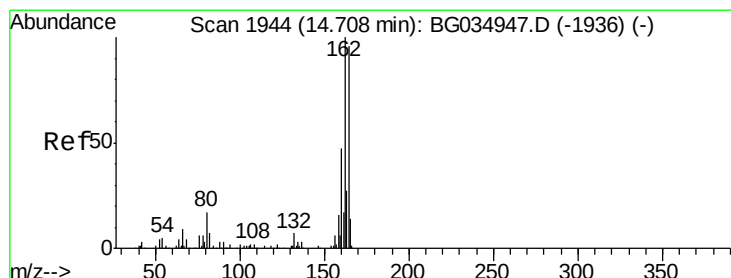
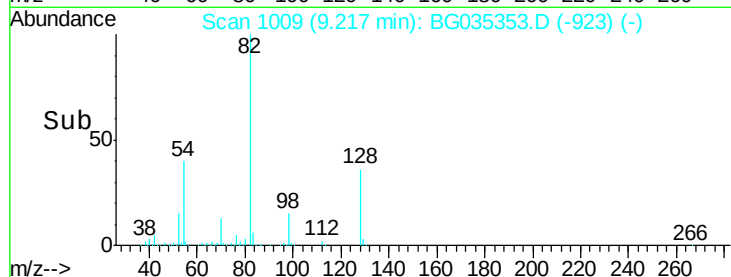
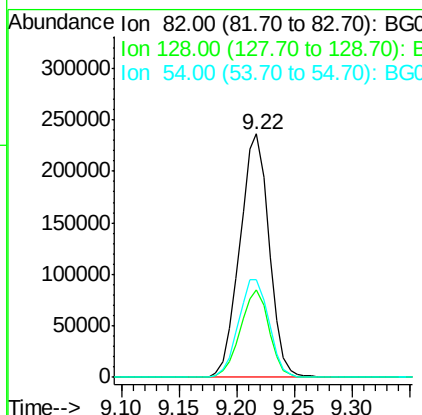
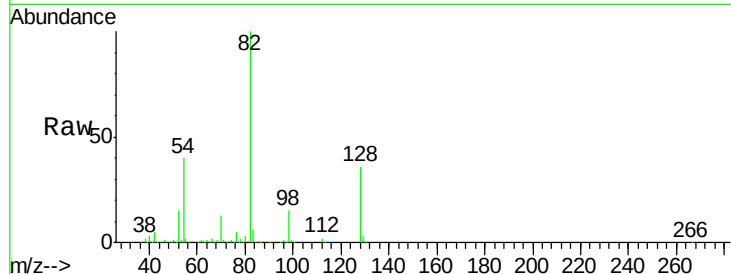




#23
 Nitrobenzene-d5
 Concen: 117.233 ng
 RT: 9.22 min Scan# 1009
 Delta R.T. -0.02 min
 Lab File: BG035353.D
 Acq: 23 Jun 2018 5:10

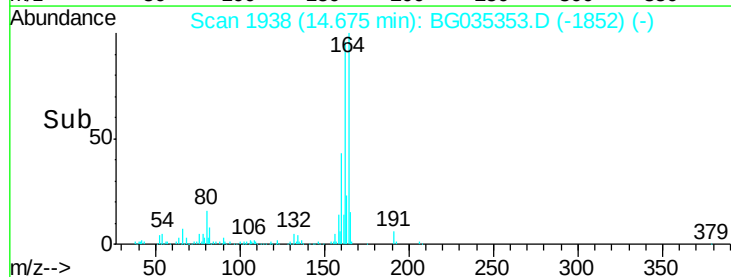
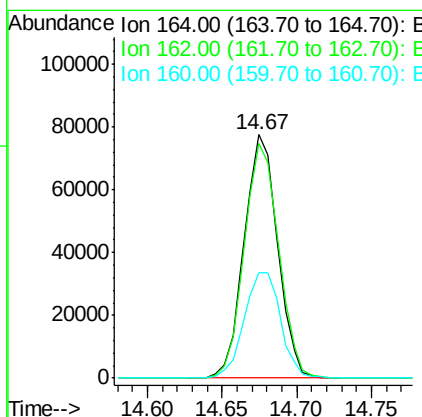
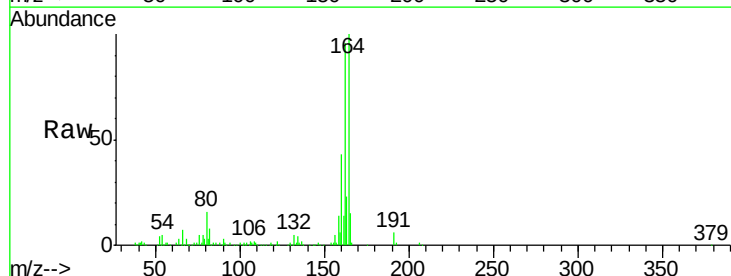
Instrument :
 BNA_G
 ClientSampleId :
 061818-DBRI-E-D-B

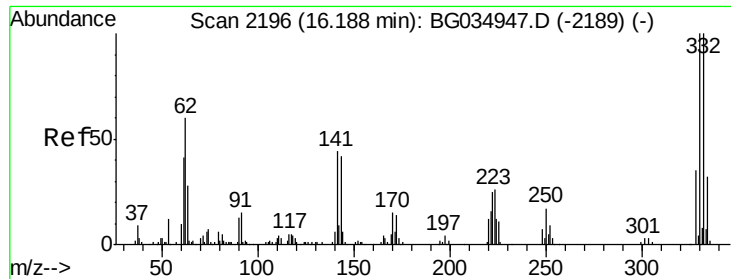
Tgt Ion	Ratio	Lower	Upper
82	100		
128	36.1	29.7	44.5
54	40.4	43.1	64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. -0.02 min
 Lab File: BG035353.D
 Acq: 23 Jun 2018 5:10

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.2	78.8	118.2
160	43.0	35.4	53.0

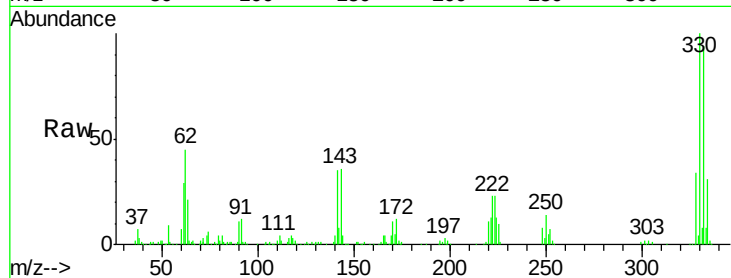




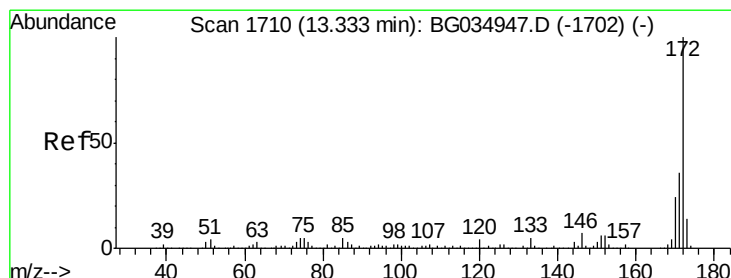
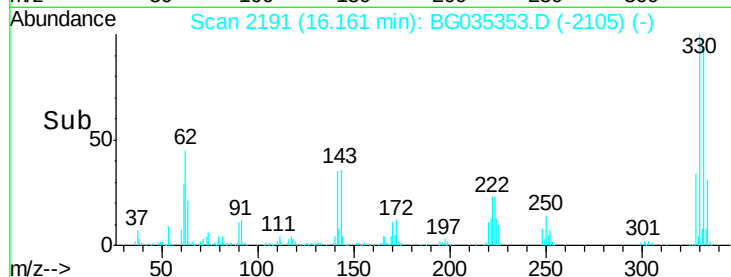
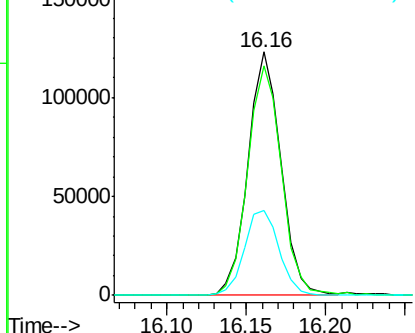
#41
 2,4,6-Tribromophenol
 Concen: 115.723 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.02 min
 Lab File: BG035353.D
 Acq: 23 Jun 2018 5:10

Instrument :
 BNA_G
 ClientSampleId :
 061818-DBRI-E-D-B

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	36.8	25.2	37.8

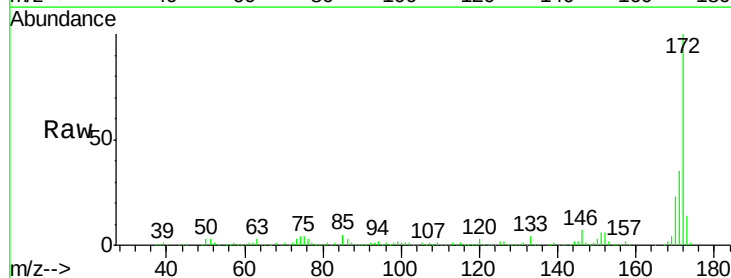


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

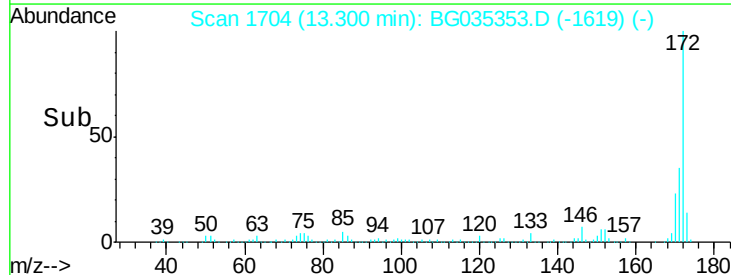
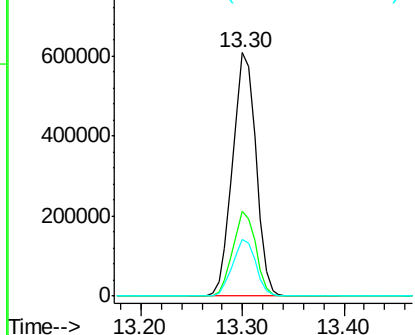


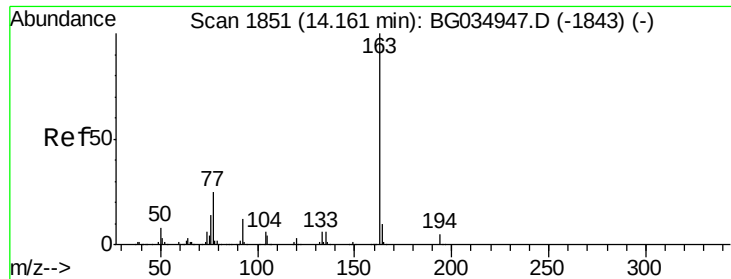
#44
 2-Fluorobiphenyl
 Concen: 105.942 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.03 min
 Lab File: BG035353.D
 Acq: 23 Jun 2018 5:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	30.0	45.0
170	23.5	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: 4.624 ng

RT: 14.12 min Scan# 1844

Delta R.T. -0.03 min

Lab File: BG035353.D

Acq: 23 Jun 2018 5:10

Instrument :

BNA_G

ClientSampleId :

061818-DBRI-E-D-B

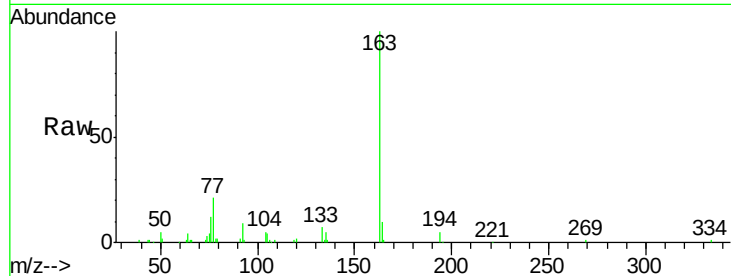
Tgt Ion:163 Resp: 48427

Ion Ratio Lower Upper

163 100

194 5.0 3.4 5.2

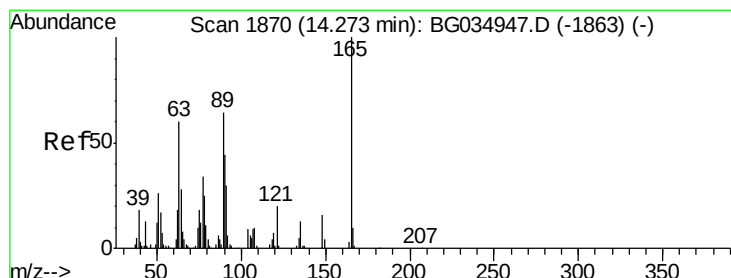
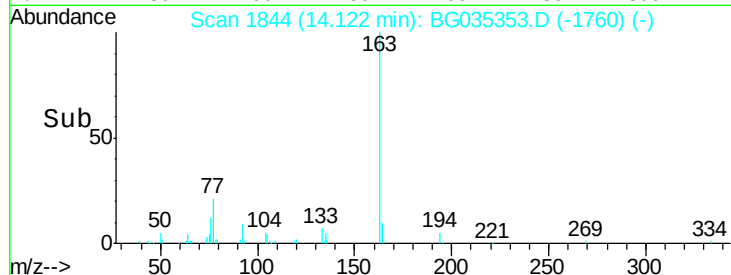
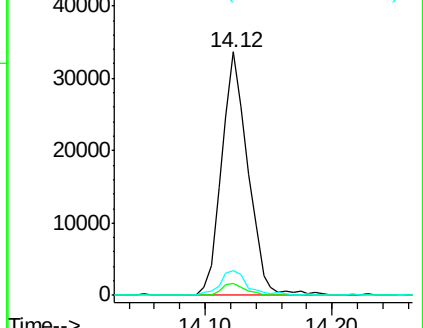
164 10.3 8.2 12.4



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



#50

2,6-Dinitrotoluene

Concen: 8.855 ng

RT: 14.67 min Scan# 1938

Delta R.T. 0.41 min

Lab File: BG035353.D

Acq: 23 Jun 2018 5:10

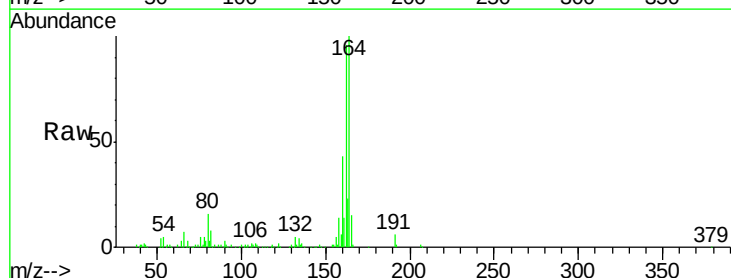
Tgt Ion:165 Resp: 16921

Ion Ratio Lower Upper

165 100

63 0.0 52.7 79.1#

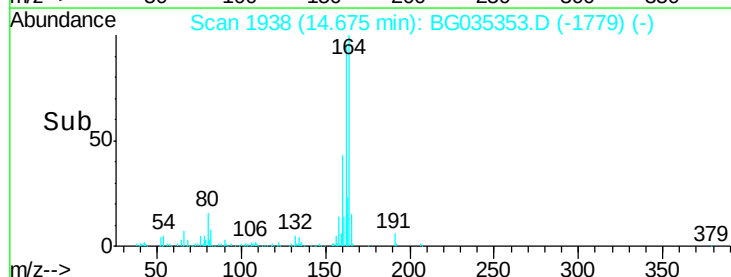
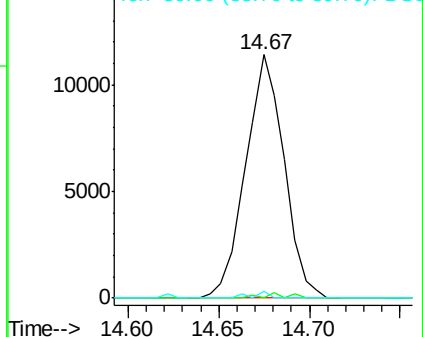
89 2.8 49.2 73.8#

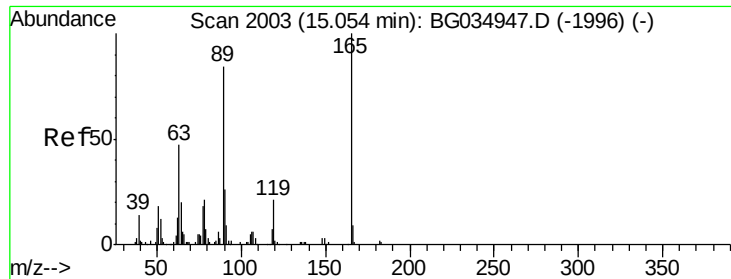


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

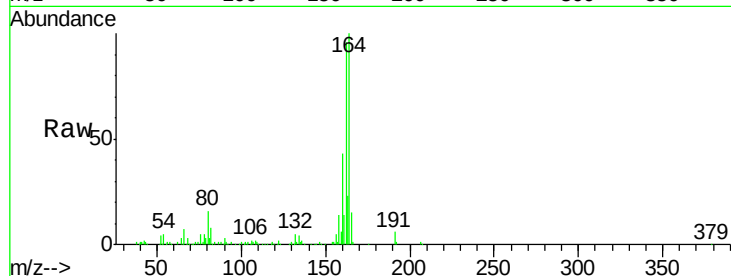




#56
 2,4-Dinitrotoluene
 Concen: 6.666 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. -0.37 min
 Lab File: BG035353.D
 Acq: 23 Jun 2018 5:10

Instrument :
 BNA_G
 ClientSampleId :
 061818-DBRI-E-D-B

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	2.8	66.9	100.3#
182	0.0	2.6	3.8#

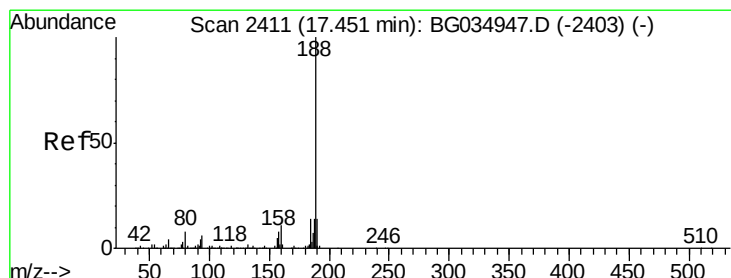
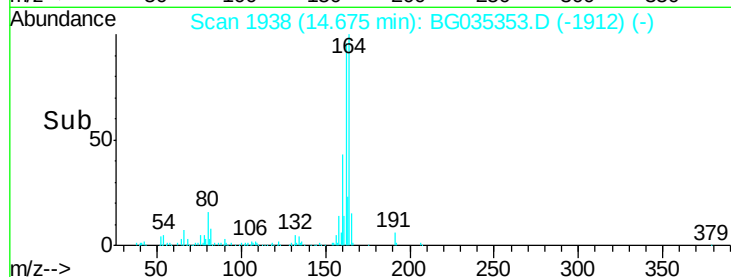
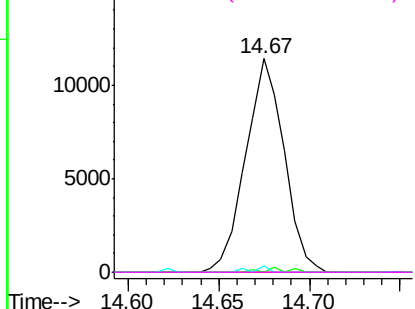


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

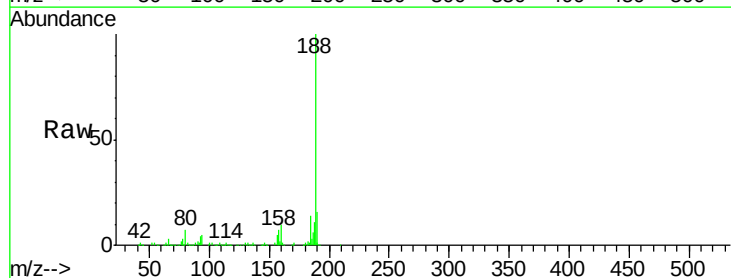
Ion 89.00 (88.70 to 89.70): BGC

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: BG035353.D
 Acq: 23 Jun 2018 5:10

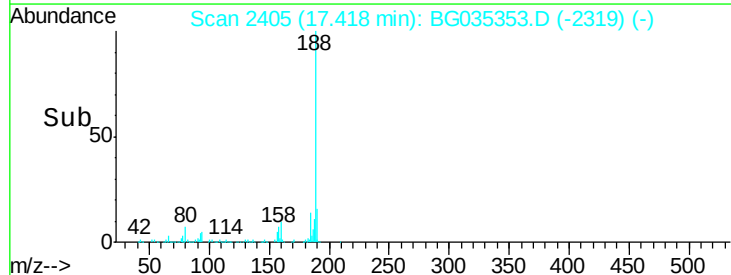
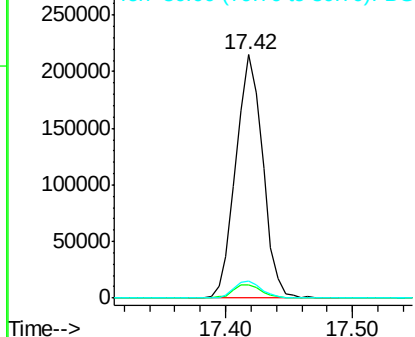
Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.5	6.9	10.3#
80	6.9	7.7	11.5#

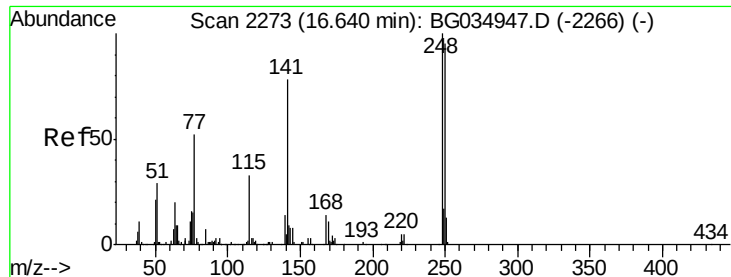


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

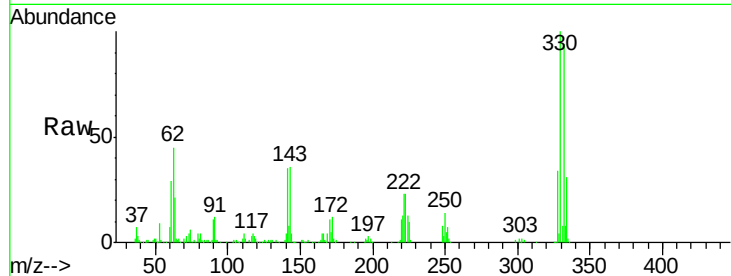




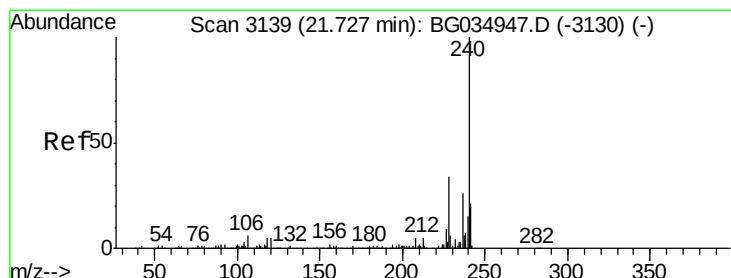
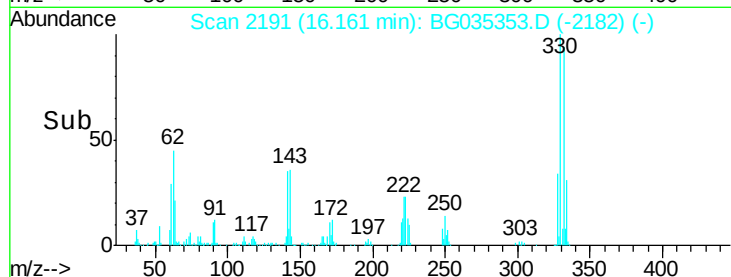
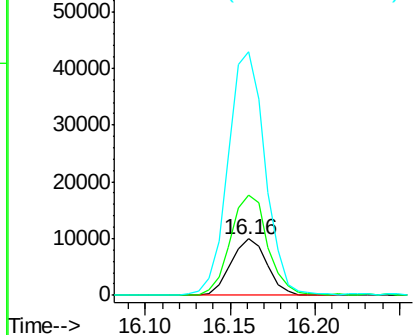
#66
 4-Bromophenyl-phenylether
 Concen: 3.879 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.47 min
 Lab File: BG035353.D
 Acq: 23 Jun 2018 5:10

Instrument :
 BNA_G
 ClientSampleId :
 061818-DBRI-E-D-B

Tgt Ion:248 Resp: 14744
 Ion Ratio Lower Upper
 248 100
 250 176.8 77.1 115.7#
 141 431.7 50.8 76.2#

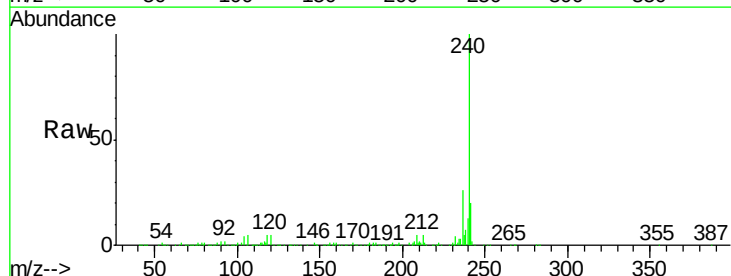


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

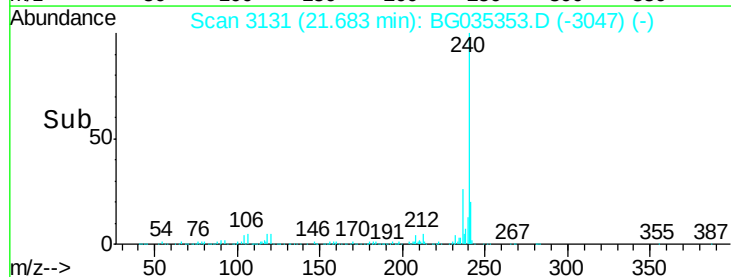
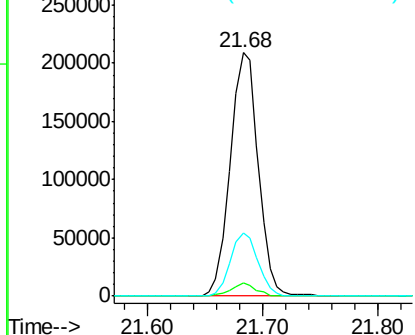


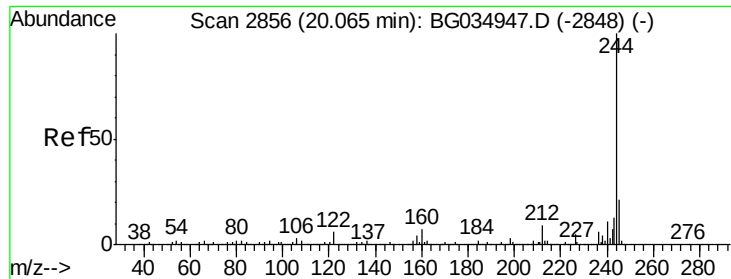
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3131
 Delta R.T. -0.03 min
 Lab File: BG035353.D
 Acq: 23 Jun 2018 5:10

Tgt Ion:240 Resp: 351393
 Ion Ratio Lower Upper
 240 100
 120 5.4 6.8 10.2#
 236 26.1 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

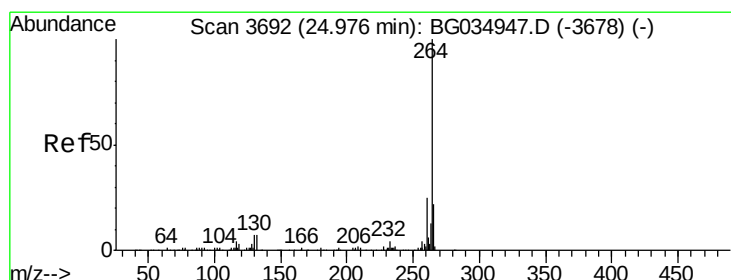
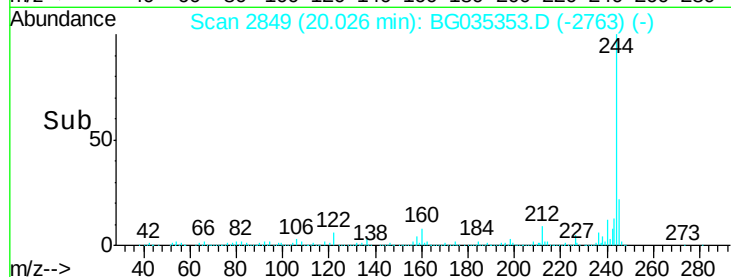
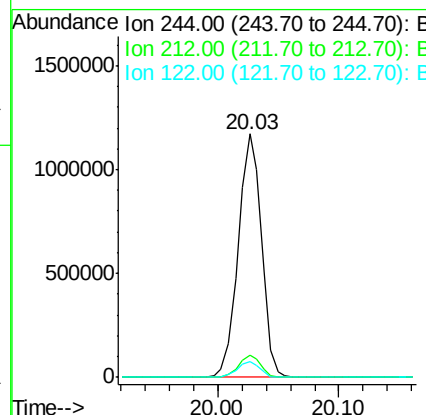
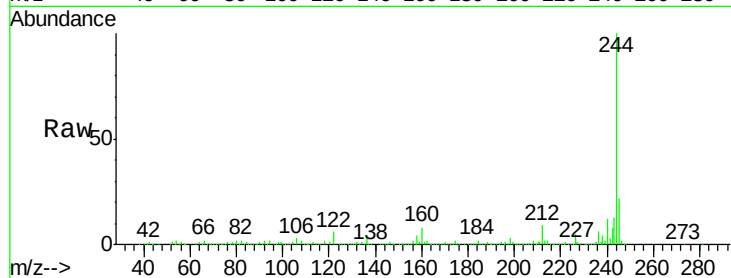




#78
 Terphenyl-d14
 Concen: 93.656 ng
 RT: 20.03 min Scan# 2849
 Delta R.T. -0.02 min
 Lab File: BG035353.D
 Acq: 23 Jun 2018 5:10

Instrument :
 BNA_G
 ClientSampleId :
 061818-DBRI-E-D-B

Tgt Ion:244 Resp: 1571123
 Ion Ratio Lower Upper
 244 100
 212 9.2 5.8 8.8#
 122 6.5 7.0 10.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.90 min Scan# 3679
 Delta R.T. -0.05 min
 Lab File: BG035353.D
 Acq: 23 Jun 2018 5:10

Tgt Ion:264 Resp: 330855
 Ion Ratio Lower Upper
 264 100
 260 22.8 17.4 26.0
 265 21.9 17.7 26.5

