

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062218\
 Data File : BG035363.D
 Acq On : 23 Jun 2018 11:36
 Operator : JU/SJ
 Sample : J3623-02
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 061918-TIPC-E-U-M

Quant Time: Jun 25 05:49:01 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

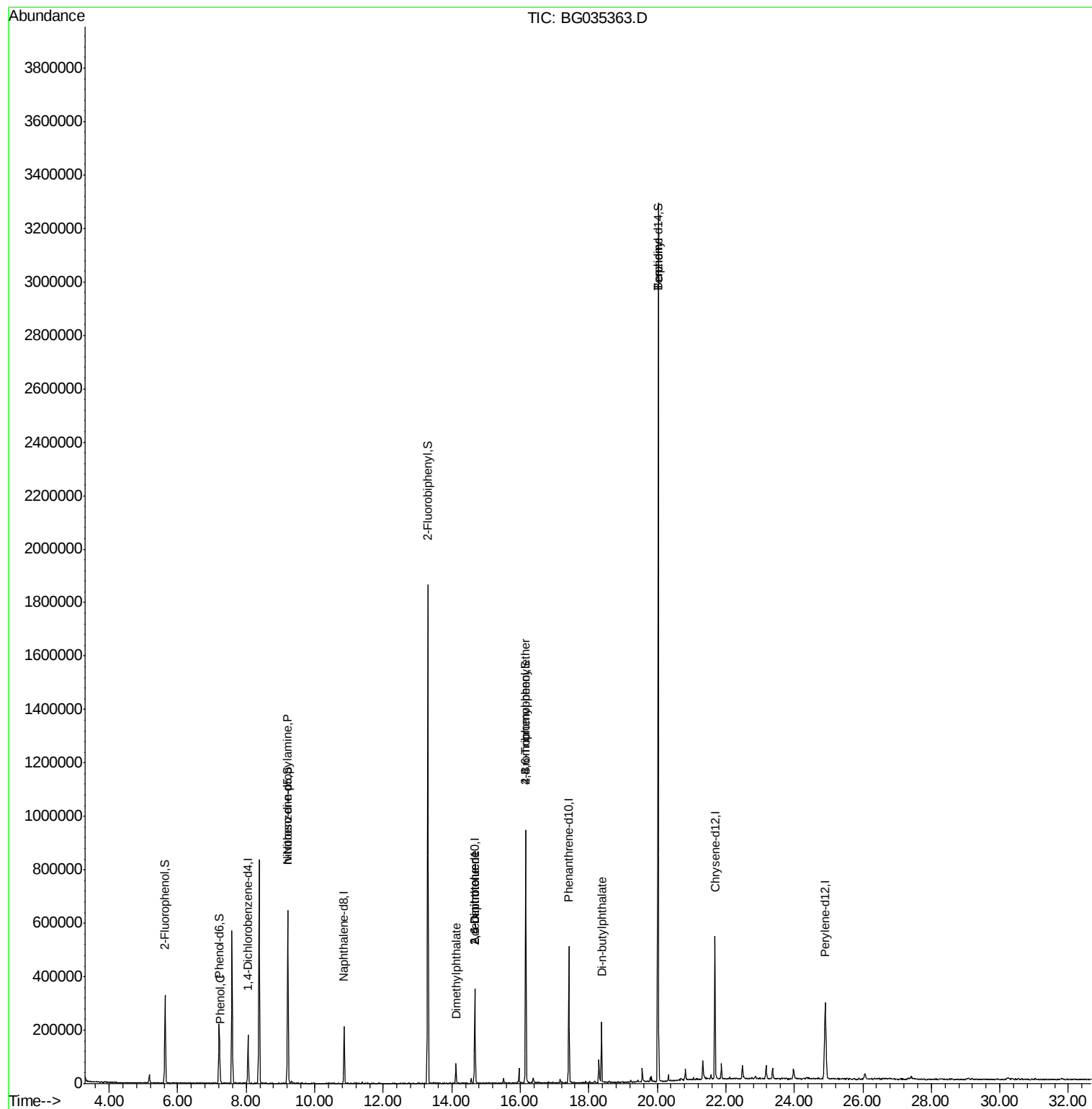
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	50929	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	180903	20.00	ng	-0.03
38) Acenaphthene-d10	14.68	164	118933	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	320663	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	342313	20.00	ng	-0.03
86) Perylene-d12	24.90	264	332039	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	147710	48.95	ng	0.00
7) Phenol-d6	7.21	99	141382	31.74	ng	-0.02
23) Nitrobenzene-d5	9.22	82	437548	114.97	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	183786	120.71	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	1001495	109.47	ng	-0.03
78) Terphenyl-d14	20.03	244	1600449	97.93	ng	-0.02
Target Compounds						
10) Phenol	7.24	94	11312	2.454	ng	96
19) n-Nitroso-di-n-propylamine	9.21	70	60454	15.976	ng	# 69
49) Dimethylphthalate	14.12	163	50193	4.840	ng	# 98
50) 2,6-Dinitrotoluene	14.67	165	16191	8.557	ng	# 19
56) 2,4-Dinitrotoluene	14.67	165	16191	6.442	ng	# 17
66) 4-Bromophenyl-phenylether	16.16	248	14327	3.710	ng	# 1
73) Di-n-butylphthalate	18.37	149	159342	8.831	ng	# 98
76) Benzidine	20.03	184	28572	2.244	ng	# 92

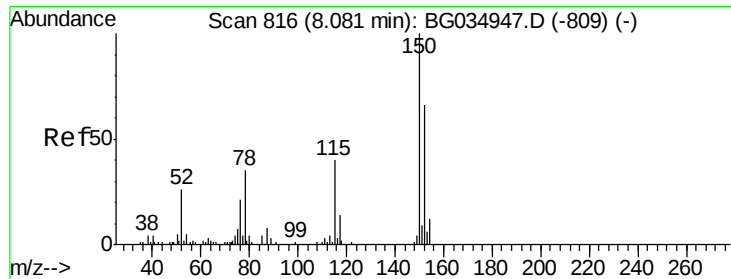
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062218\
Data File : BG035363.D
Acq On : 23 Jun 2018 11:36
Operator : JU/SJ
Sample : J3623-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
061918-TIPC-E-U-M

Quant Time: Jun 25 05:49:01 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



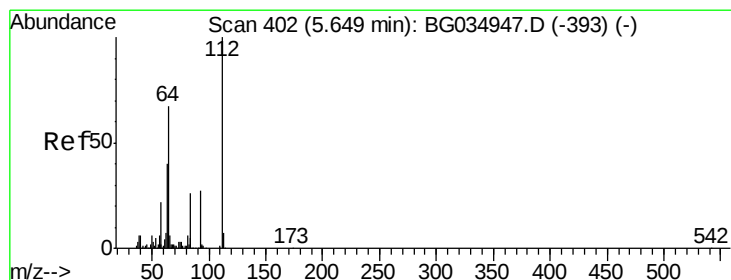
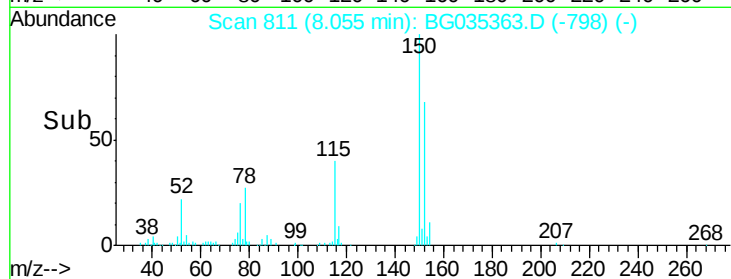
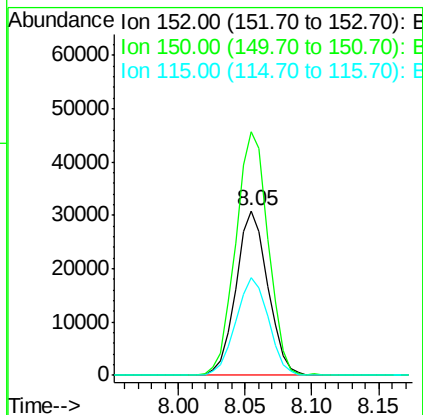
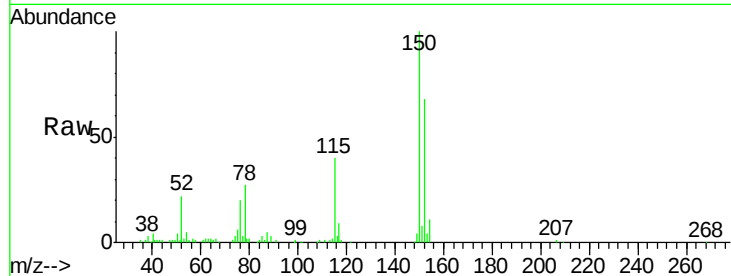


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.02 min
Lab File: BG035363.D
Acq: 23 Jun 2018 11:36

Instrument :
BNA_G
ClientSampleId :
061918-TIPC-E-U-M

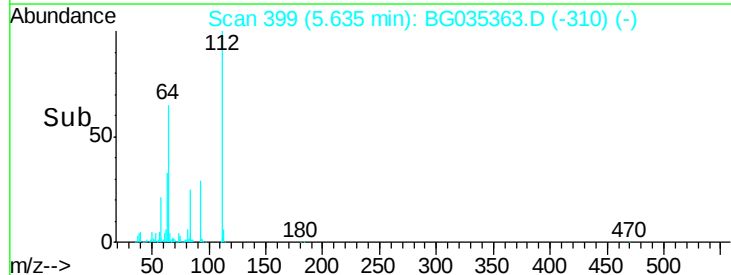
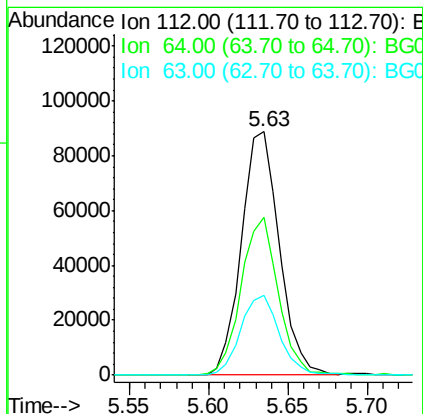
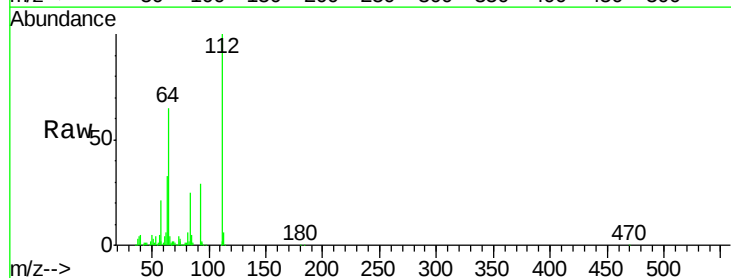
Tgt Ion:152 Resp: 50929
Ion Ratio Lower Upper
152 100
150 147.7 126.6 189.8
115 59.4 53.0 79.4

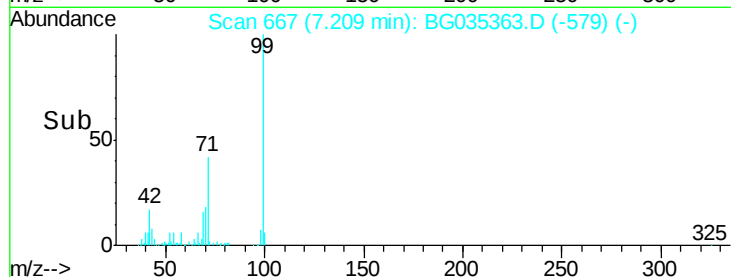
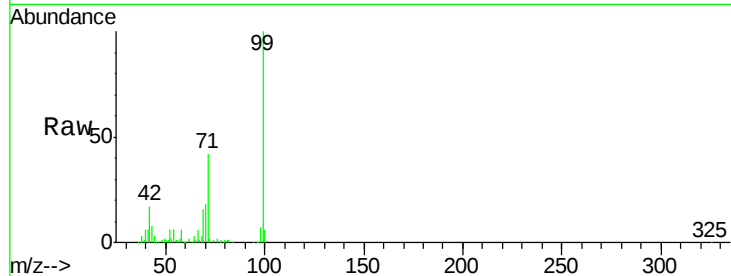
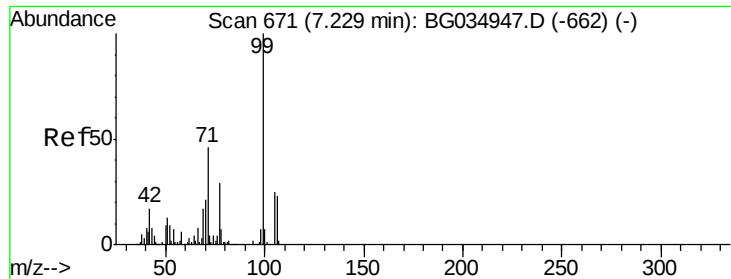


#5

2-Fluorophenol
Concen: 48.946 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG035363.D
Acq: 23 Jun 2018 11:36

Tgt Ion:112 Resp: 147710
Ion Ratio Lower Upper
112 100
64 64.6 56.3 84.5
63 32.6 30.1 45.1





#7

Phenol-d6

Concen: 31.742 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.02 min

Lab File: BG035363.D

Acq: 23 Jun 2018 11:36

Instrument :

BNA_G

ClientSampleId :

061918-TIPC-E-U-M

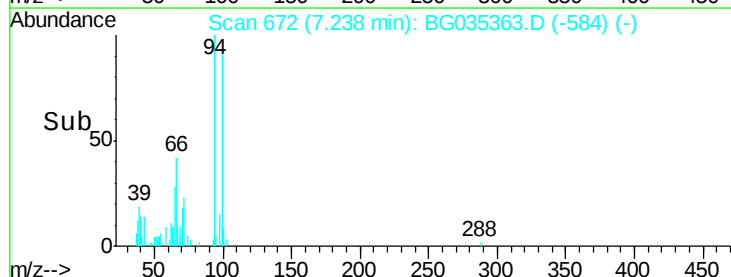
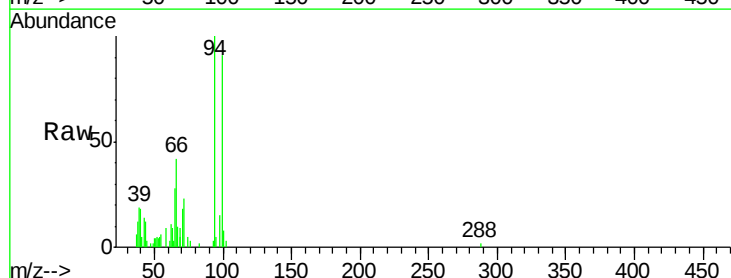
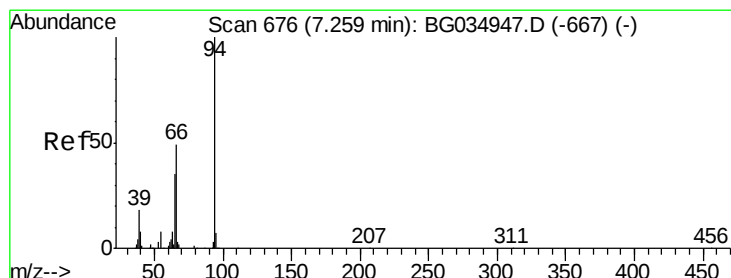
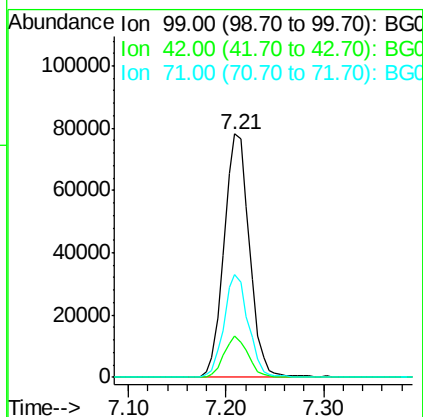
Tgt Ion: 99 Resp: 141382

Ion Ratio Lower Upper

99 100

42 17.0 14.1 21.1

71 42.3 26.1 39.1#



#10

Phenol

Concen: 2.454 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.02 min

Lab File: BG035363.D

Acq: 23 Jun 2018 11:36

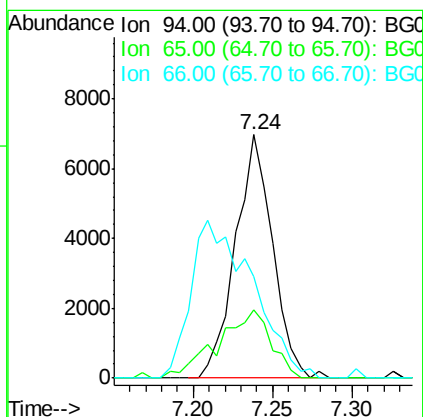
Tgt Ion: 94 Resp: 11312

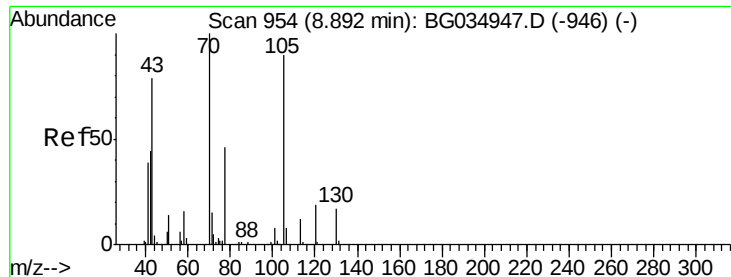
Ion Ratio Lower Upper

94 100

65 27.8 11.9 51.9

66 41.5 22.2 62.2





#19

n-Nitroso-di-n-propylamine

Concen: 15.976 ng

RT: 9.21 min Scan# 1008

Delta R.T. 0.33 min

Lab File: BG035363.D

Acq: 23 Jun 2018 11:36

Instrument :

BNA_G

ClientSampleId :

061918-TIPC-E-U-M

Tgt Ion: 70 Resp: 60454

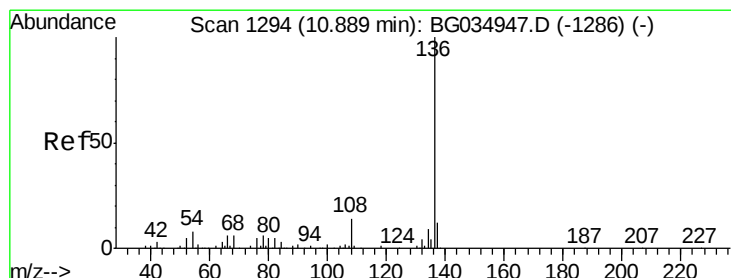
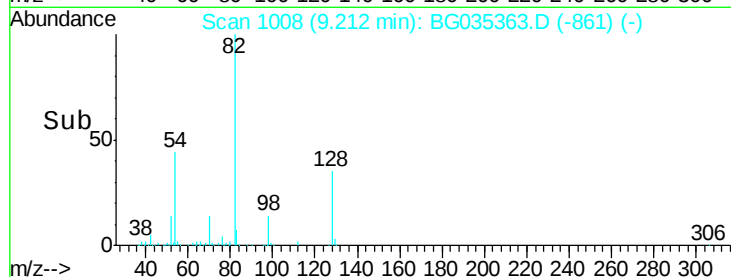
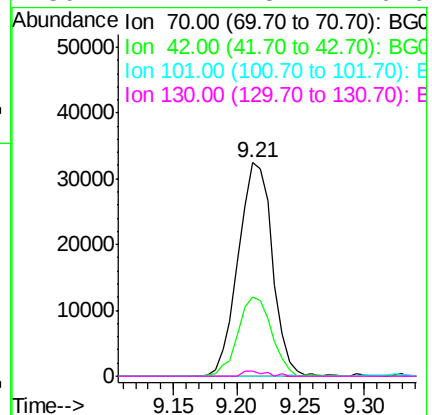
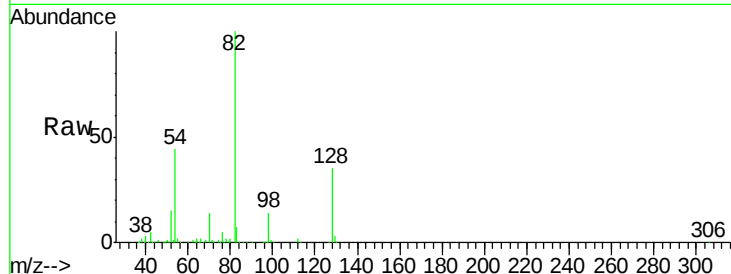
Ion Ratio Lower Upper

70 100

42 37.4 49.1 73.7#

101 0.0 8.5 12.7#

130 2.2 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: BG035363.D

Acq: 23 Jun 2018 11:36

Tgt Ion: 136 Resp: 180903

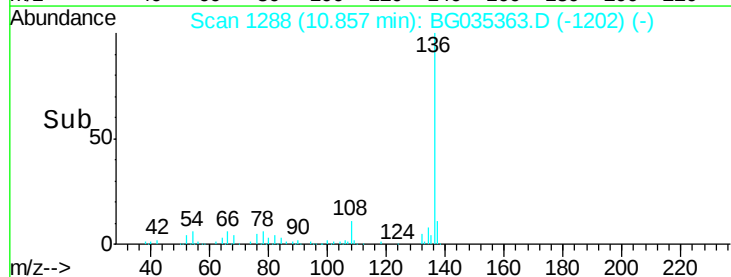
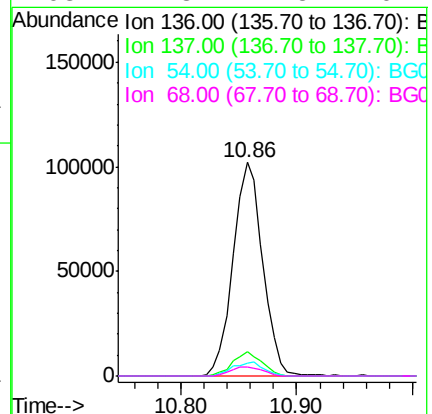
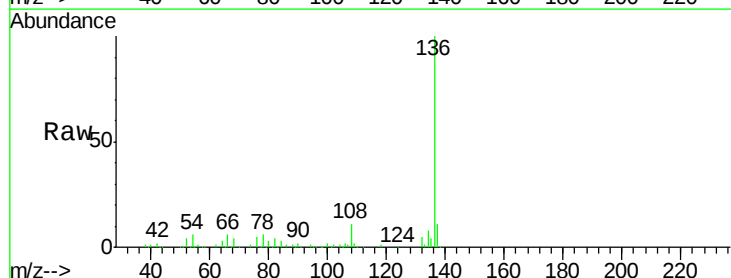
Ion Ratio Lower Upper

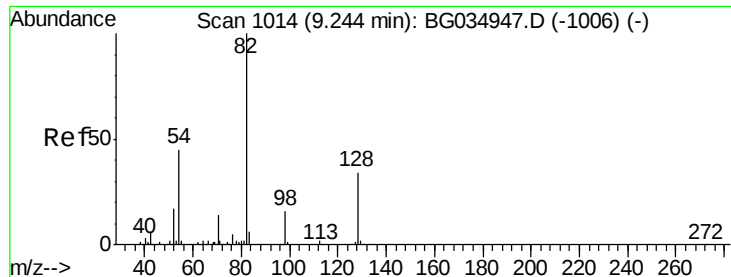
136 100

137 11.5 9.2 13.8

54 5.7 10.3 15.5#

68 4.3 4.5 6.7#

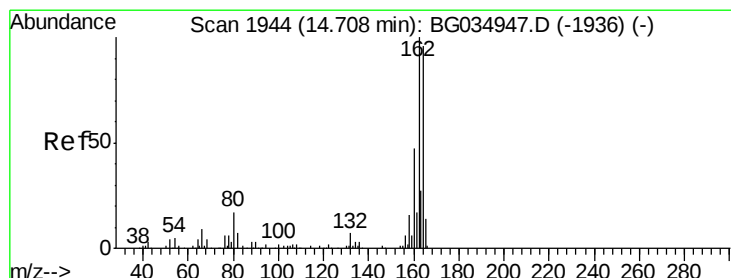
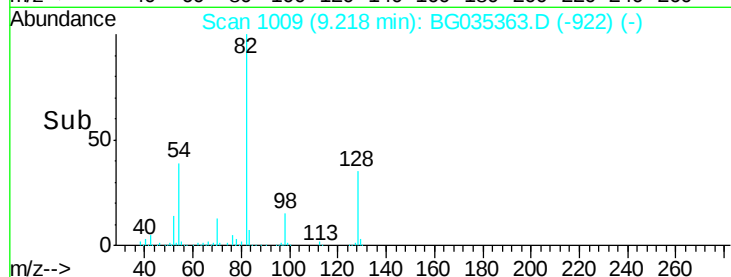
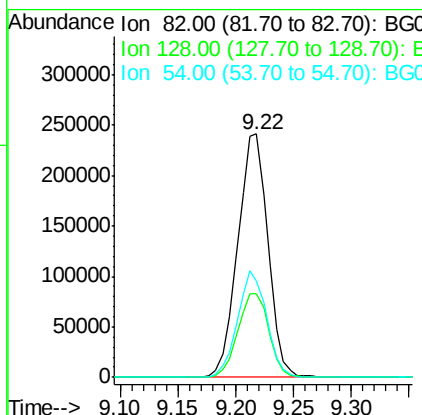
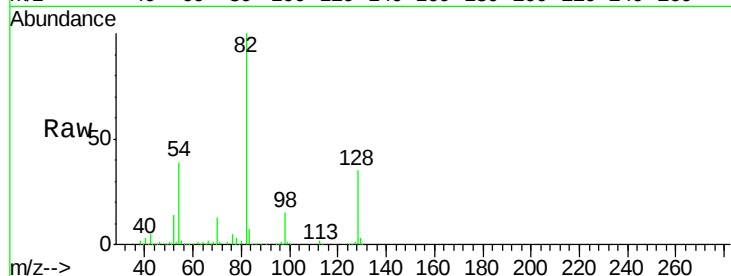




#23
 Nitrobenzene-d5
 Concen: 114.971 ng
 RT: 9.22 min Scan# 1009
 Delta R.T. -0.02 min
 Lab File: BG035363.D
 Acq: 23 Jun 2018 11:36

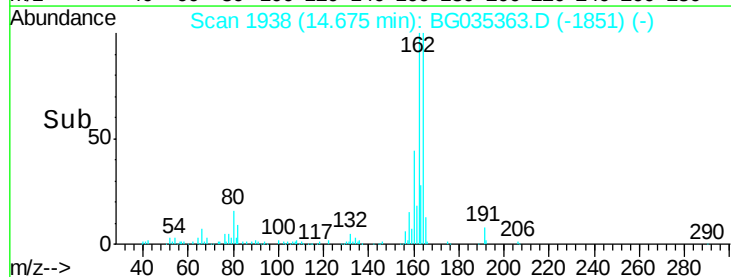
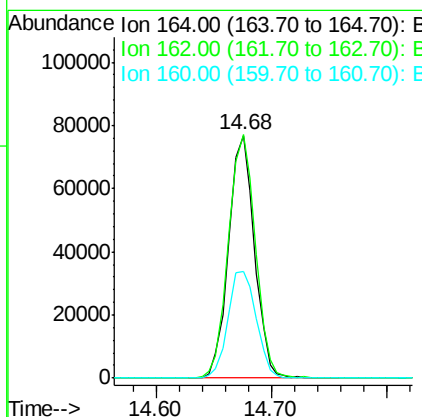
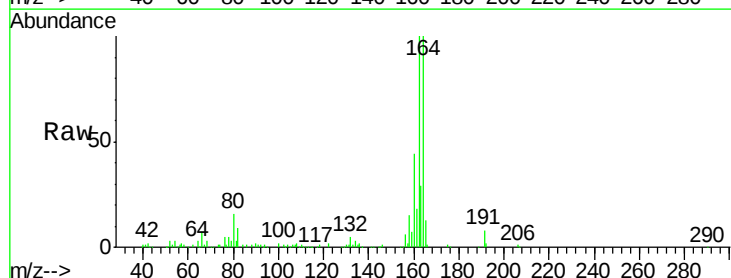
Instrument :
 BNA_G
 ClientSampleId :
 061918-TIPC-E-U-M

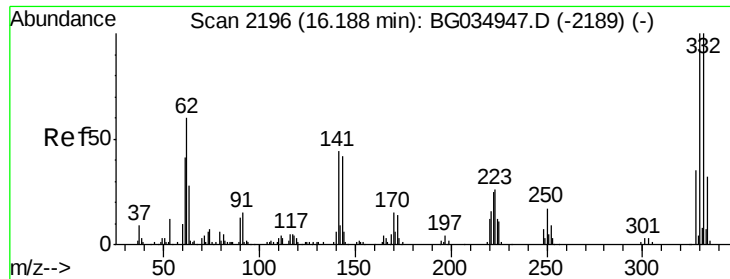
Tgt Ion	Ratio	Lower	Upper
82	100		
128	34.6	29.7	44.5
54	39.4	43.1	64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1938
 Delta R.T. -0.02 min
 Lab File: BG035363.D
 Acq: 23 Jun 2018 11:36

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.3	78.8	118.2
160	43.8	35.4	53.0

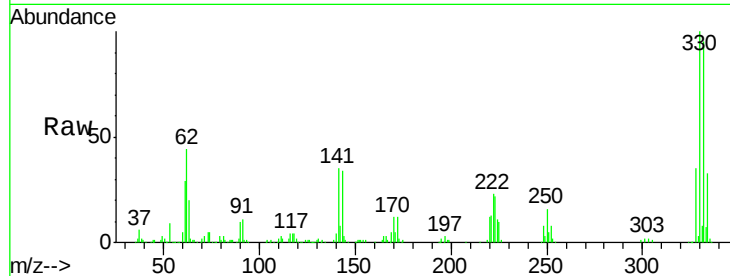




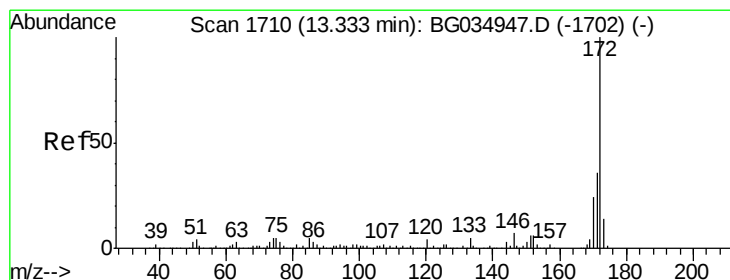
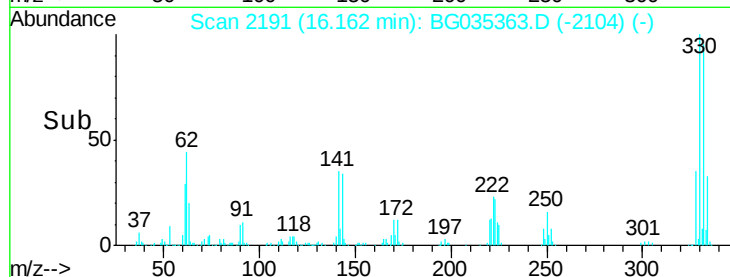
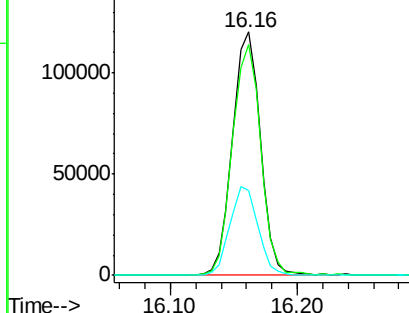
#41
 2,4,6-Tribromophenol
 Concen: 120.714 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.02 min
 Lab File: BG035363.D
 Acq: 23 Jun 2018 11:36

Instrument :
 BNA_G
 ClientSampleId :
 061918-TIPC-E-U-M

Tgt Ion:330 Resp: 183786
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.0 115.6
 141 36.5 25.2 37.8

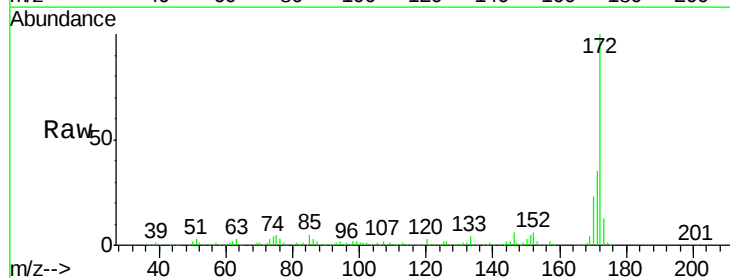


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

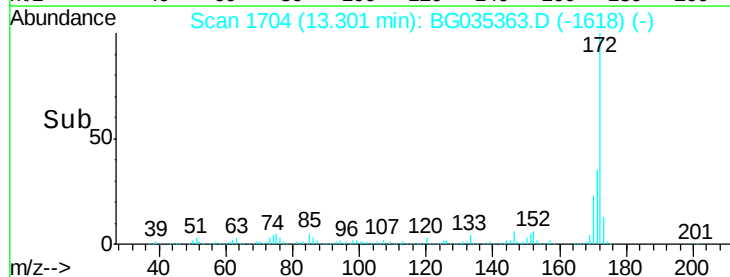
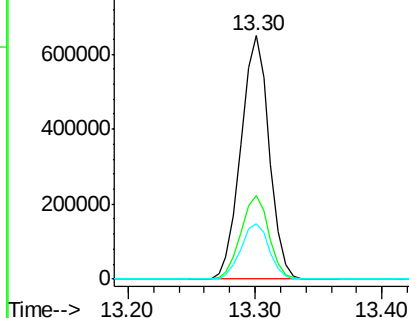


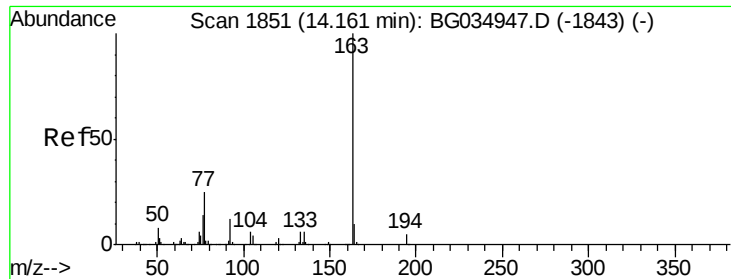
#44
 2-Fluorobiphenyl
 Concen: 109.468 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.03 min
 Lab File: BG035363.D
 Acq: 23 Jun 2018 11:36

Tgt Ion:172 Resp: 1001495
 Ion Ratio Lower Upper
 172 100
 171 34.6 30.0 45.0
 170 22.7 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

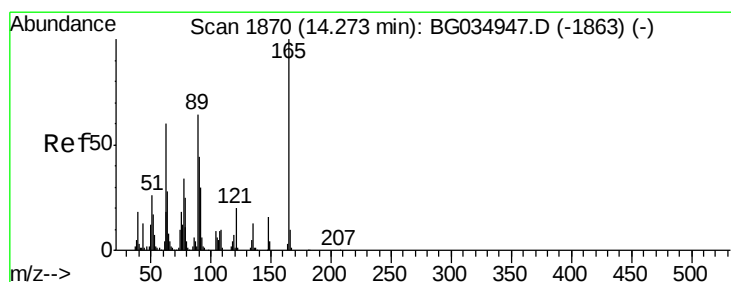
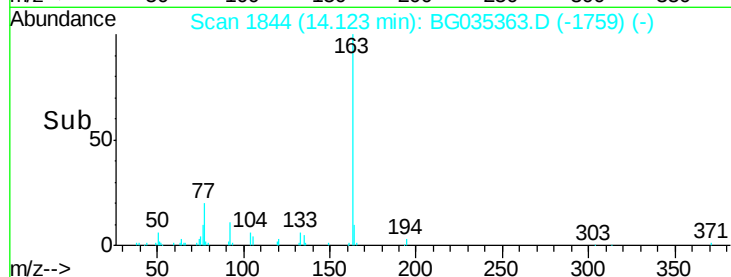
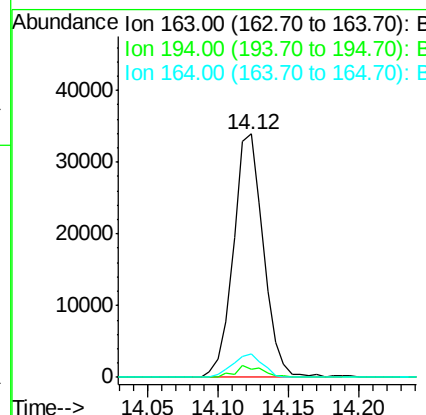
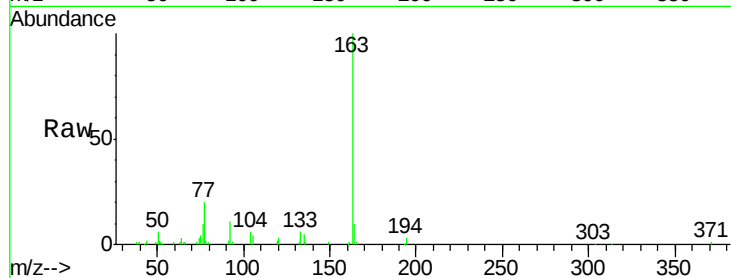




#49
Dimethylphthalate
Concen: 4.840 ng
RT: 14.12 min Scan# 1844
Delta R.T. -0.03 min
Lab File: BG035363.D
Acq: 23 Jun 2018 11:36

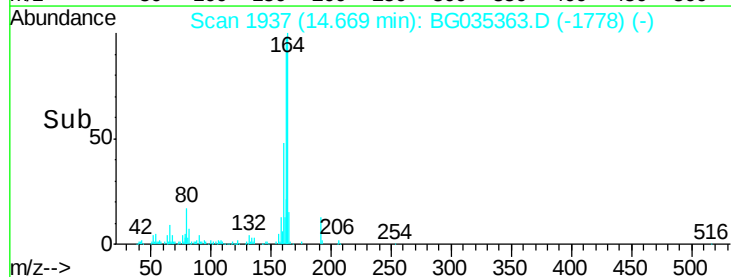
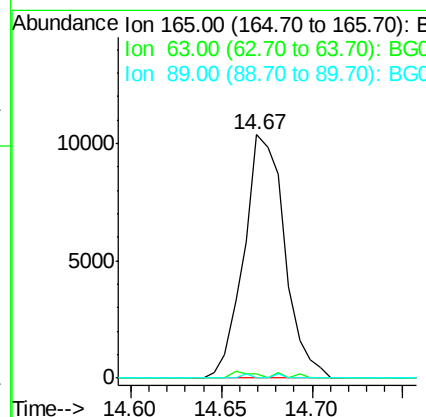
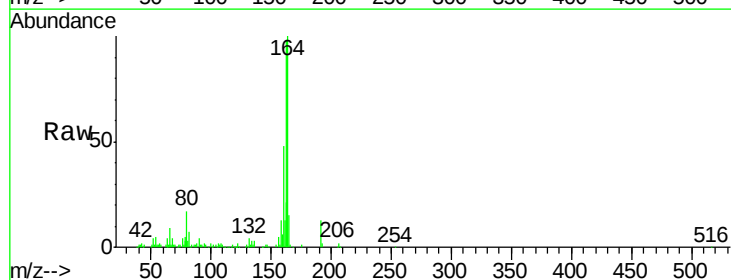
Instrument :
BNA_G
ClientSampleId :
061918-TIPC-E-U-M

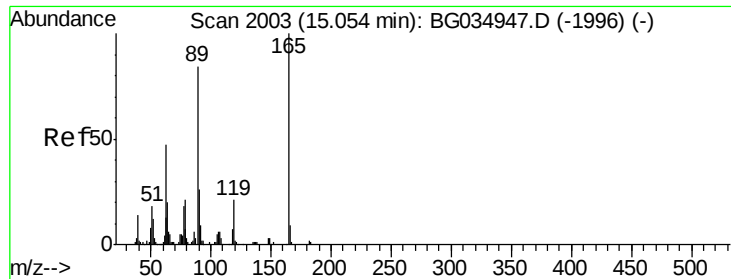
Tgt Ion:163 Resp: 50193
Ion Ratio Lower Upper
163 100
194 3.4 3.4 5.2#
164 9.5 8.2 12.4



#50
2,6-Dinitrotoluene
Concen: 8.557 ng
RT: 14.67 min Scan# 1937
Delta R.T. 0.40 min
Lab File: BG035363.D
Acq: 23 Jun 2018 11:36

Tgt Ion:165 Resp: 16191
Ion Ratio Lower Upper
165 100
63 1.7 52.7 79.1#
89 0.0 49.2 73.8#

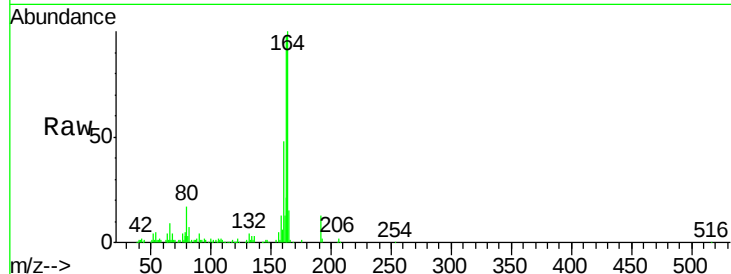




#56
 2,4-Dinitrotoluene
 Concen: 6.442 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. -0.38 min
 Lab File: BG035363.D
 Acq: 23 Jun 2018 11:36

Instrument :
 BNA_G
 ClientSampleId :
 061918-TIPC-E-U-M

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	42.0	63.0#
89	0.0	66.9	100.3#
182	0.0	2.6	3.8#

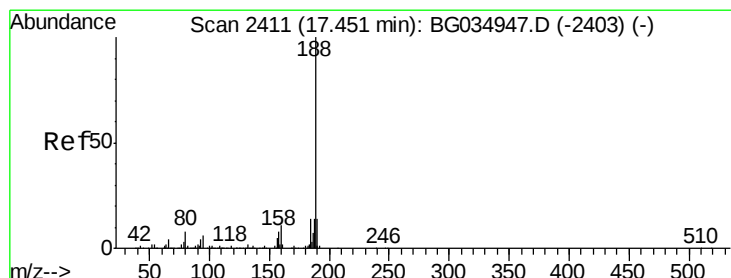
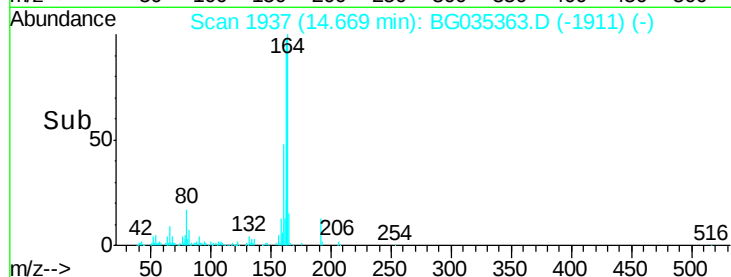
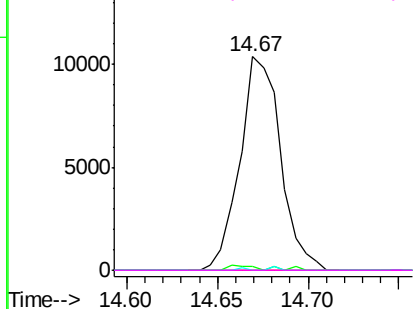


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

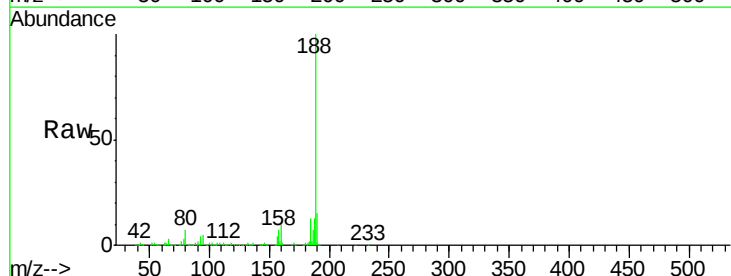
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2405
 Delta R.T. -0.02 min
 Lab File: BG035363.D
 Acq: 23 Jun 2018 11:36

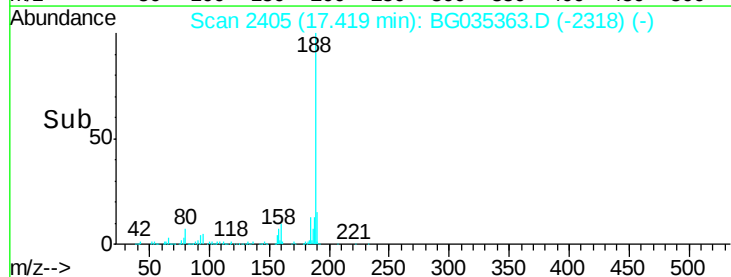
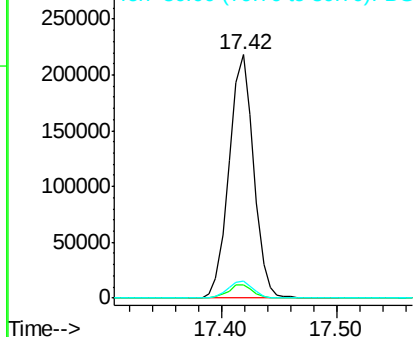
Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.3	6.9	10.3#
80	7.0	7.7	11.5#

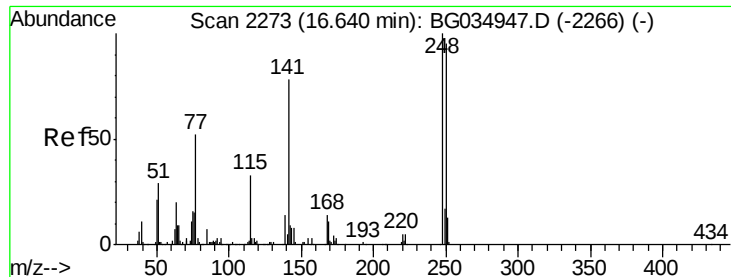


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

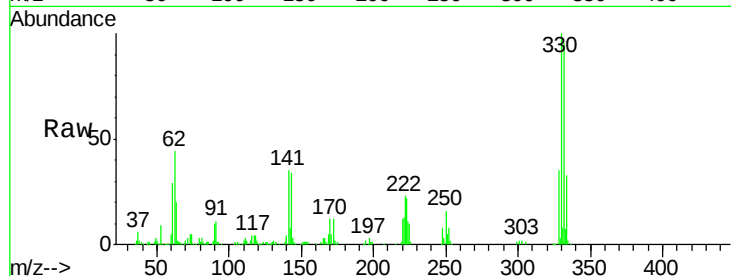




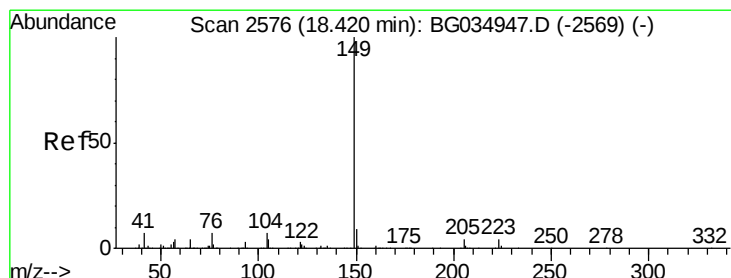
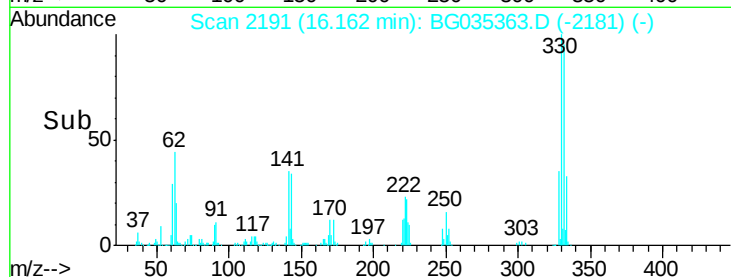
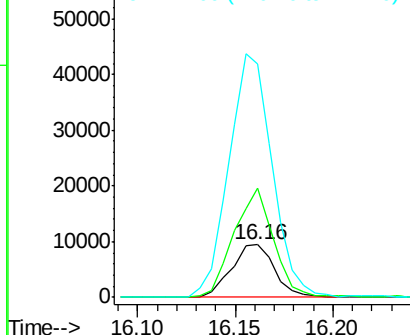
#66
 4-Bromophenyl-phenylether
 Concen: 3.710 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.47 min
 Lab File: BG035363.D
 Acq: 23 Jun 2018 11:36

Instrument :
 BNA_G
 ClientSampleId :
 061918-TIPC-E-U-M

Tgt Ion:248 Resp: 14327
 Ion Ratio Lower Upper
 248 100
 250 206.7 77.1 115.7#
 141 442.0 50.8 76.2#

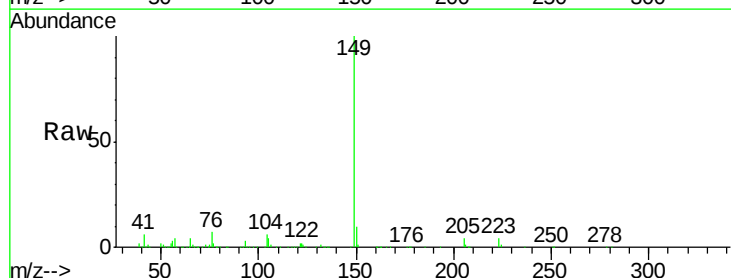


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

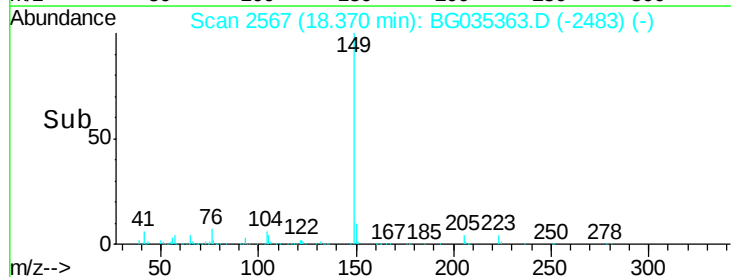
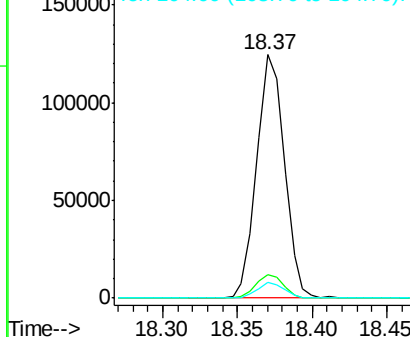


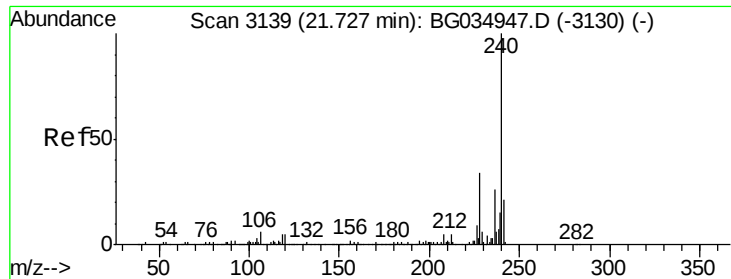
#73
 Di-n-butylphthalate
 Concen: 8.831 ng
 RT: 18.37 min Scan# 2567
 Delta R.T. -0.04 min
 Lab File: BG035363.D
 Acq: 23 Jun 2018 11:36

Tgt Ion:149 Resp: 159342
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.8 11.6
 104 6.4 3.9 5.9#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E

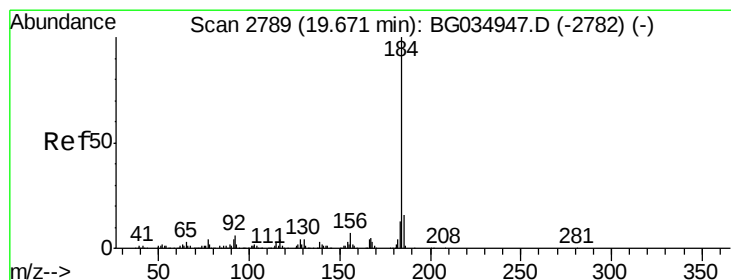
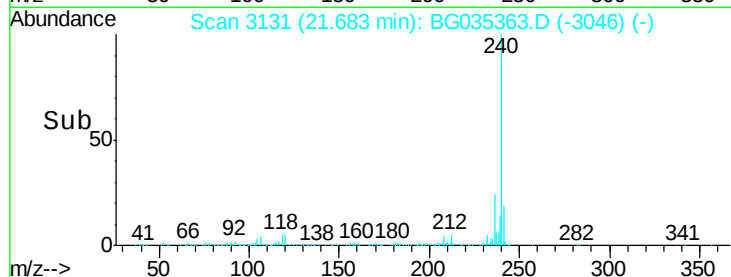
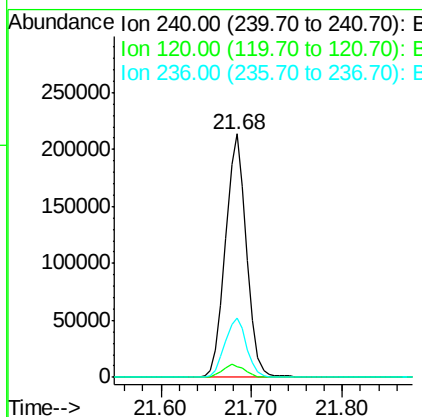
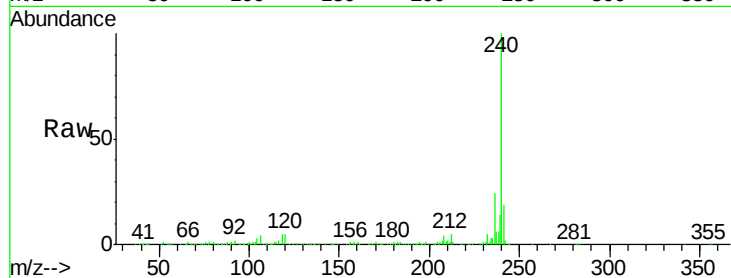




#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.03 min
Lab File: BG035363.D
Acq: 23 Jun 2018 11:36

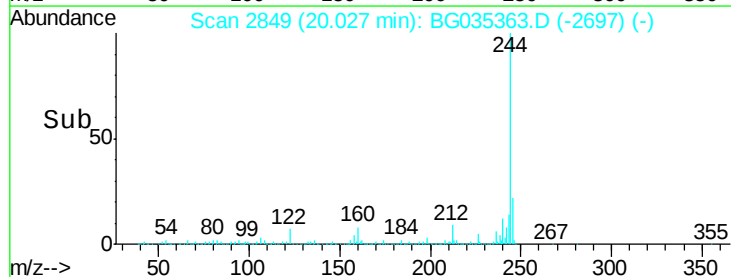
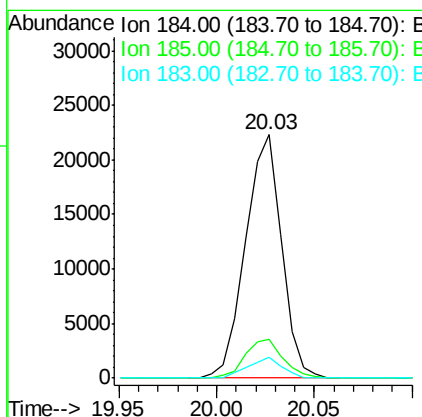
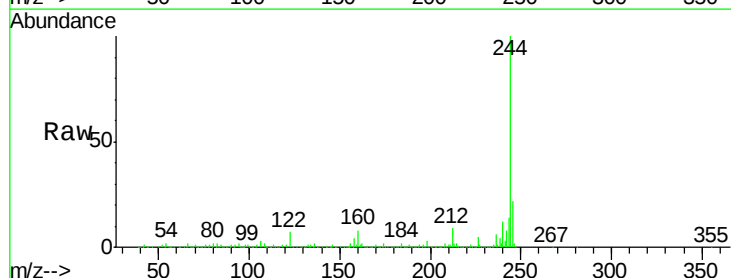
Instrument :
BNA_G
ClientSampleId :
061918-TIPC-E-U-M

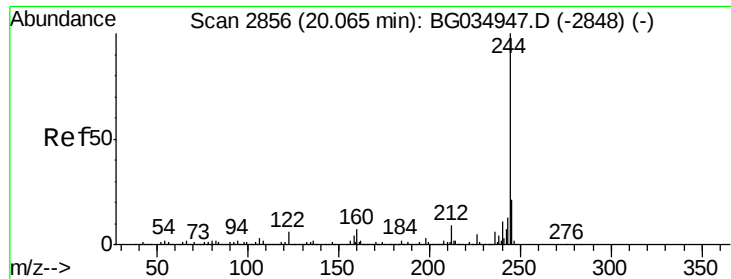
Tgt Ion:240 Resp: 342313
Ion Ratio Lower Upper
240 100
120 4.6 6.8 10.2#
236 24.5 20.9 31.3



#76
Benzidine
Concen: 2.244 ng
RT: 20.03 min Scan# 2849
Delta R.T. 0.36 min
Lab File: BG035363.D
Acq: 23 Jun 2018 11:36

Tgt Ion:184 Resp: 28572
Ion Ratio Lower Upper
184 100
185 15.8 11.1 16.7
183 8.5 10.6 16.0#





#78

Terphenyl-d14

Concen: 97.934 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BG035363.D

Acq: 23 Jun 2018 11:36

Instrument :

BNA_G

ClientSampleId :

061918-TIPC-E-U-M

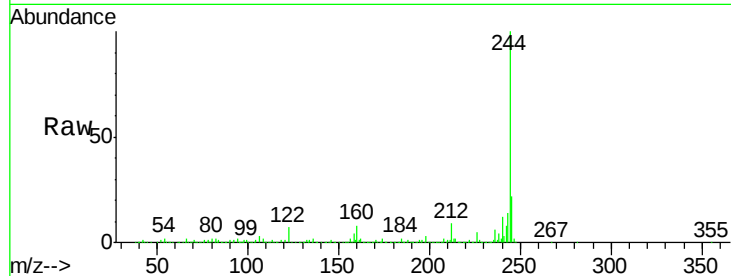
Tgt Ion:244 Resp: 1600449

Ion Ratio Lower Upper

244 100

212 9.4 5.8 8.8#

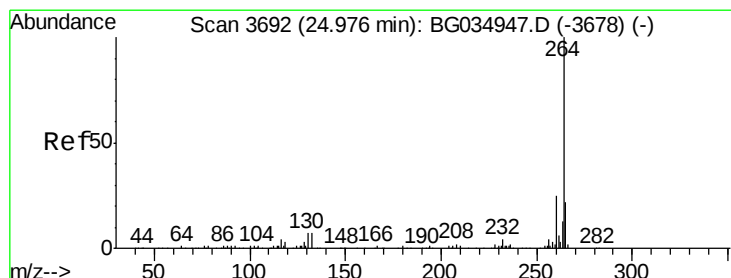
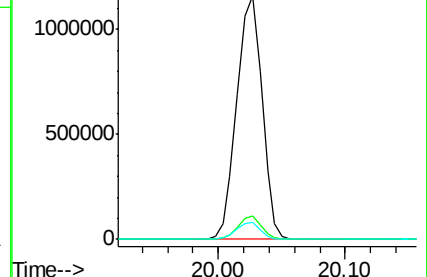
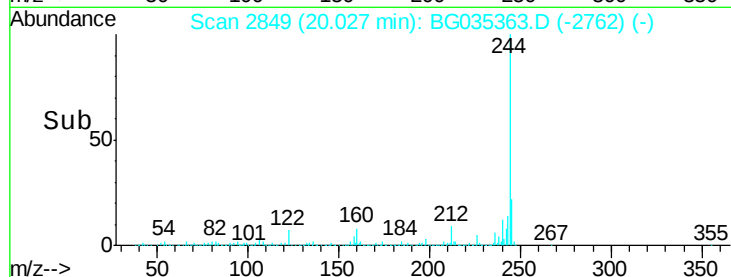
122 6.9 7.0 10.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 24.90 min Scan# 3678

Delta R.T. -0.06 min

Lab File: BG035363.D

Acq: 23 Jun 2018 11:36

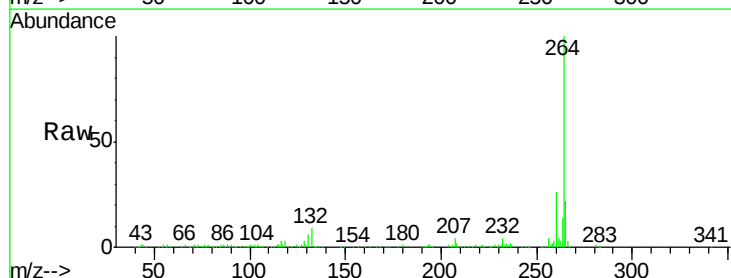
Tgt Ion:264 Resp: 332039

Ion Ratio Lower Upper

264 100

260 25.9 17.4 26.0

265 22.4 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

