

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062218\
 Data File : BG035362.D
 Acq On : 23 Jun 2018 10:58
 Operator : JU/SJ
 Sample : J3623-08
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 061918-DBRI-F-U-S

Quant Time: Jun 25 05:48:50 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

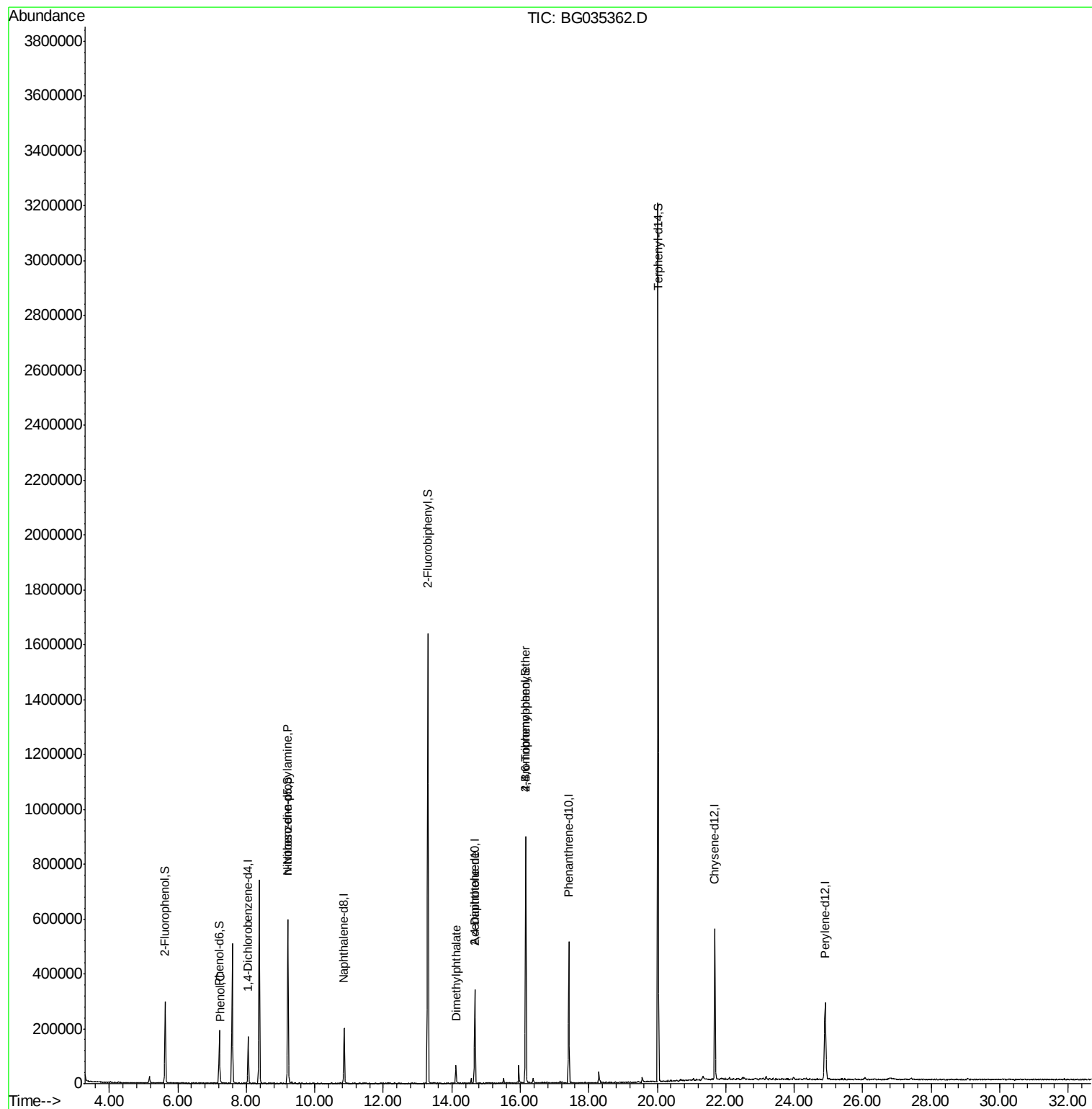
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	49468	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	172635	20.00	ng	-0.03
38) Acenaphthene-d10	14.67	164	121797	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	325205	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	350917	20.00	ng	-0.04
86) Perylene-d12	24.90	264	327514	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	132322	45.14	ng	-0.01
7) Phenol-d6	7.21	99	119733	27.68	ng	-0.01
23) Nitrobenzene-d5	9.22	82	401155	110.46	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	170059	109.07	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	907633	96.88	ng	-0.02
78) Terphenyl-d14	20.02	244	1489569	88.91	ng	-0.02
Target Compounds						
10) Phenol	7.24	94	9197	2.054	ng	89
19) n-Nitroso-di-n-propylamine	9.22	70	55684	15.150	ng	# 70
49) Dimethylphthalate	14.12	163	44775	4.216	ng	# 97
56) 2,4-Dinitrotoluene	14.68	165	15440	5.999	ng	# 16
66) 4-Bromophenyl-phenylether	16.16	248	13128	3.352	ng	# 1

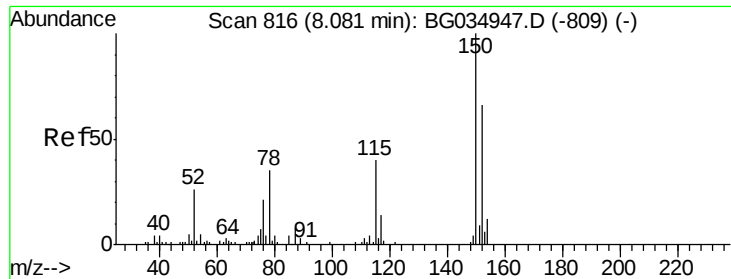
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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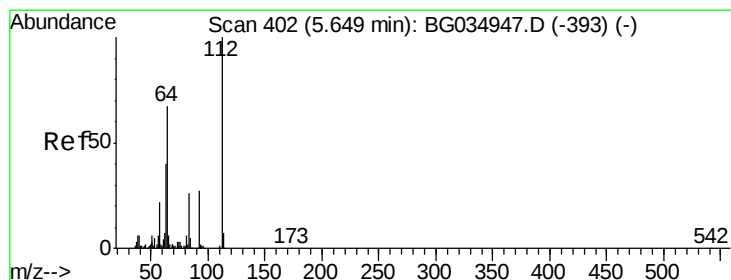
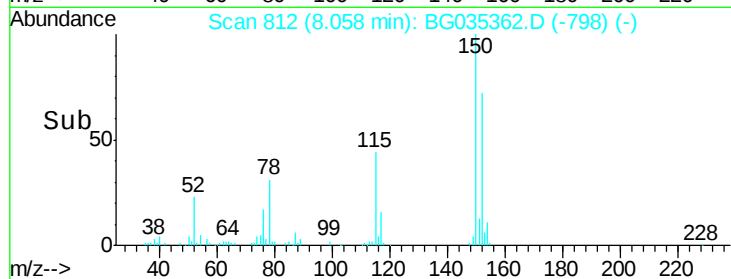
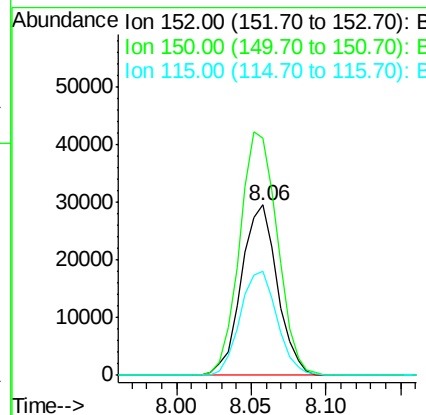
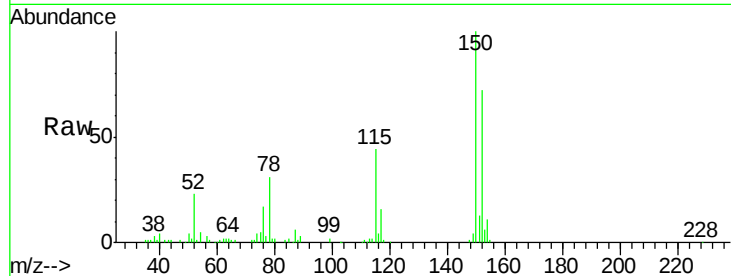


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.02 min
Lab File: BG035362.D
Acq: 23 Jun 2018 10:58

Instrument :
BNA_G
ClientSampleId :
061918-DBRI-F-U-S

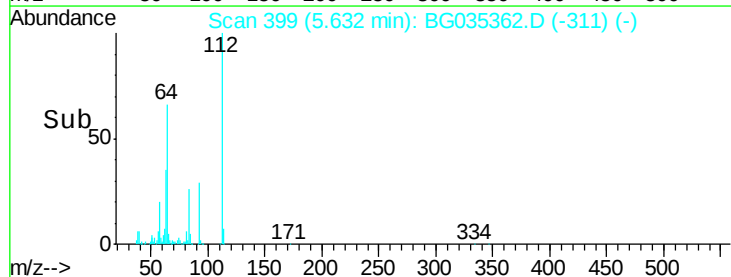
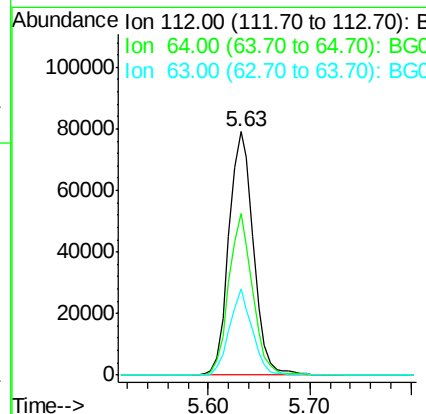
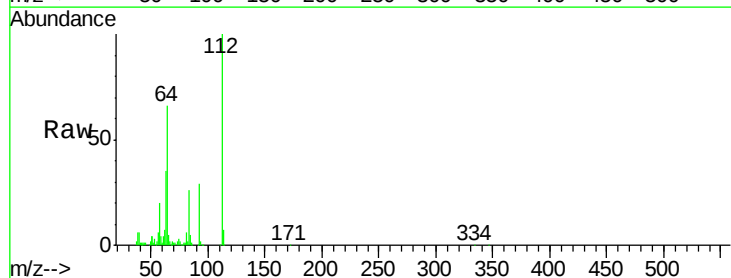
Tgt Ion:152 Resp: 49468
Ion Ratio Lower Upper
152 100
150 138.9 126.6 189.8
115 60.9 53.0 79.4

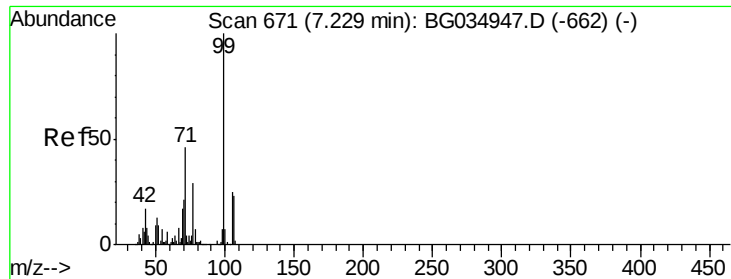


#5

2-Fluorophenol
Concen: 45.142 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG035362.D
Acq: 23 Jun 2018 10:58

Tgt Ion:112 Resp: 132322
Ion Ratio Lower Upper
112 100
64 66.2 56.3 84.5
63 35.5 30.1 45.1





#7

Phenol-d6

Concen: 27.675 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035362.D

Acq: 23 Jun 2018 10:58

Instrument :

BNA_G

ClientSampleId :

061918-DBRI-F-U-S

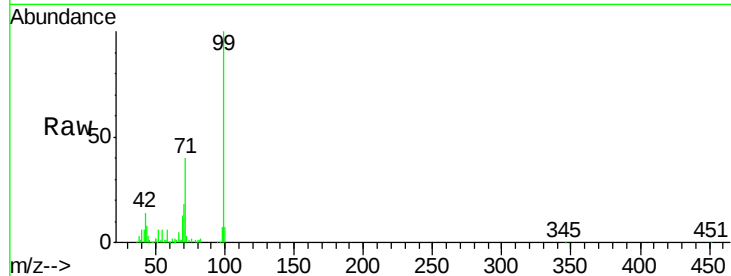
Tgt Ion: 99 Resp: 119733

Ion Ratio Lower Upper

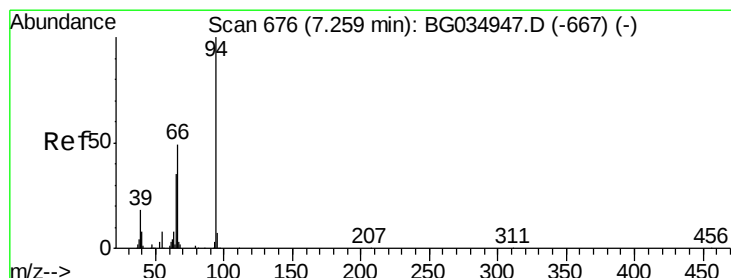
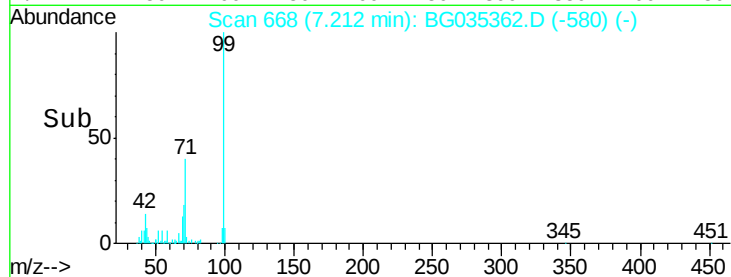
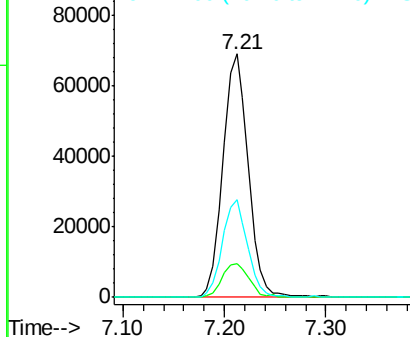
99 100

42 14.0 14.1 21.1#

71 40.1 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: 2.054 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.02 min

Lab File: BG035362.D

Acq: 23 Jun 2018 10:58

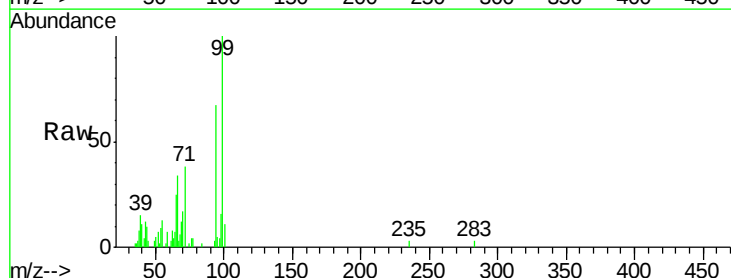
Tgt Ion: 94 Resp: 9197

Ion Ratio Lower Upper

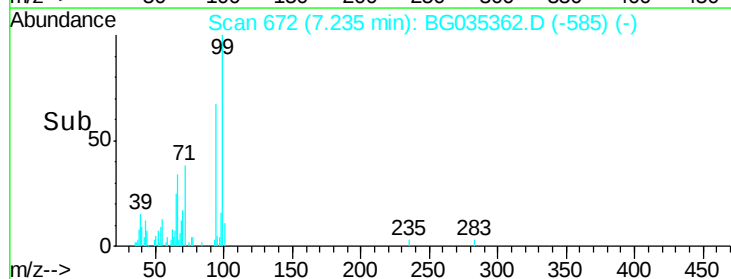
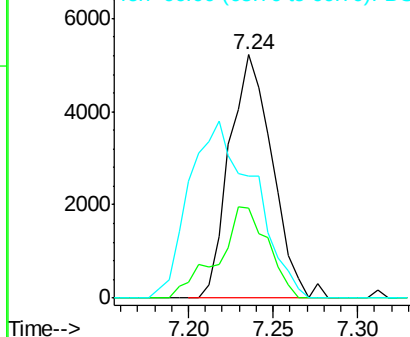
94 100

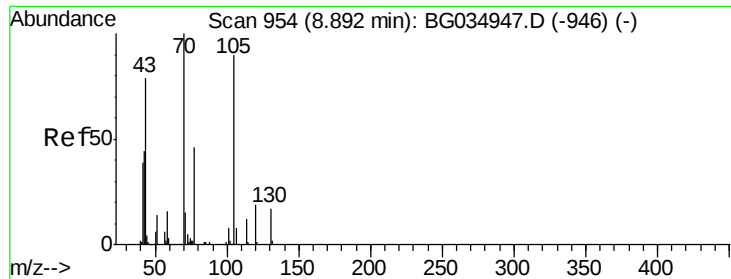
65 37.2 11.9 51.9

66 50.4 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

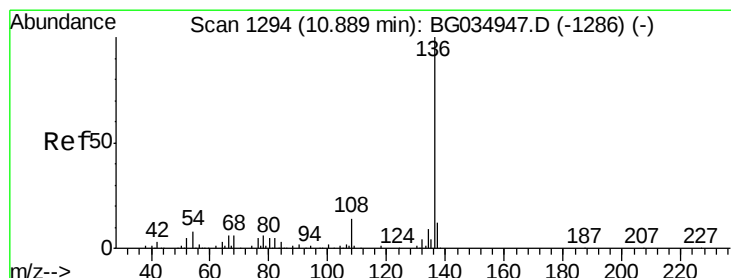
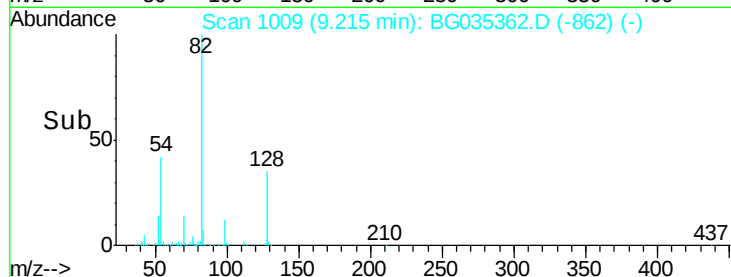
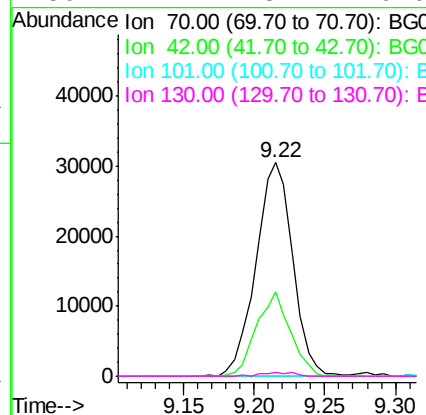
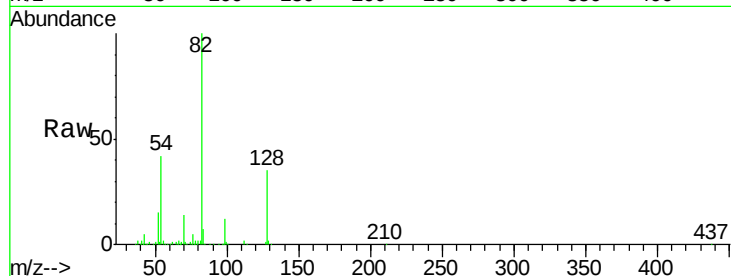




#19
n-Nitroso-di-n-propylamine
Concen: 15.150 ng
RT: 9.22 min Scan# 1009
Delta R.T. 0.33 min
Lab File: BG035362.D
Acq: 23 Jun 2018 10:58

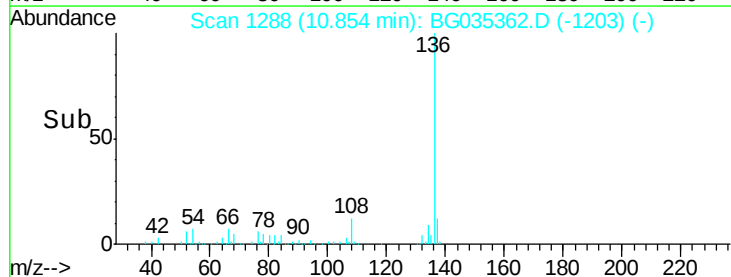
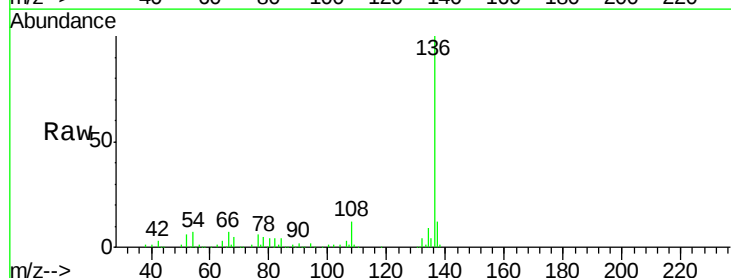
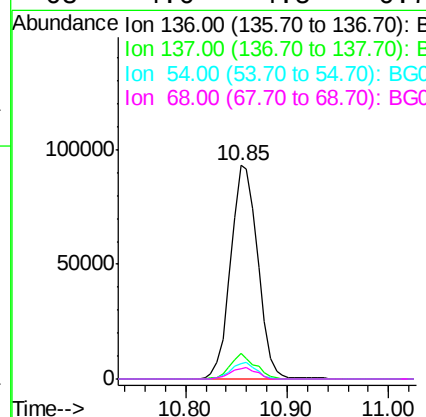
Instrument :
BNA_G
ClientSampleId :
061918-DBRI-F-U-S

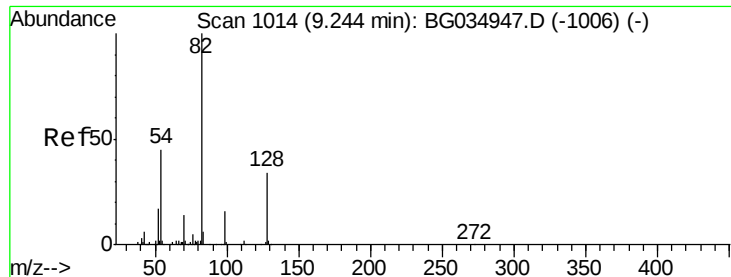
Tgt Ion: 70 Resp: 55684
Ion Ratio Lower Upper
70 100
42 39.3 49.1 73.7#
101 0.0 8.5 12.7#
130 1.7 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1288
Delta R.T. -0.03 min
Lab File: BG035362.D
Acq: 23 Jun 2018 10:58

Tgt Ion: 136 Resp: 172635
Ion Ratio Lower Upper
136 100
137 11.8 9.2 13.8
54 7.0 10.3 15.5#
68 4.6 4.5 6.7

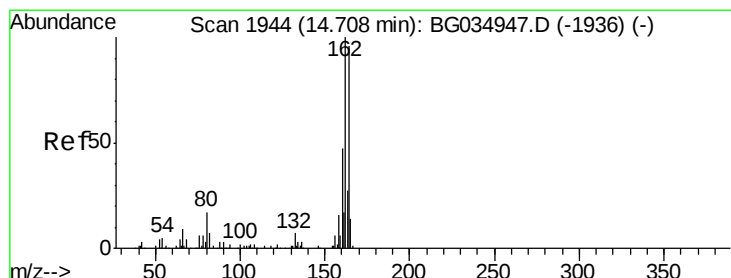
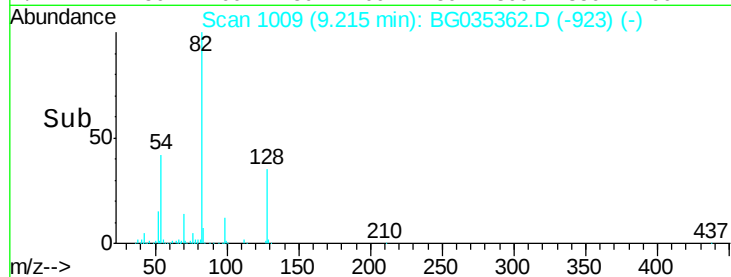
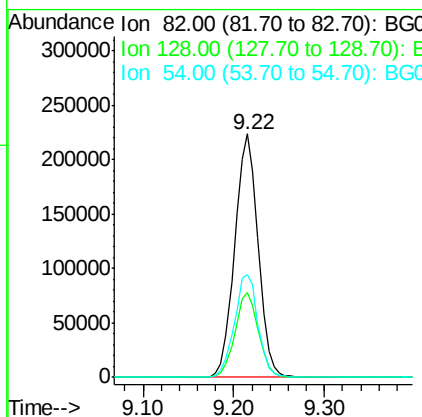
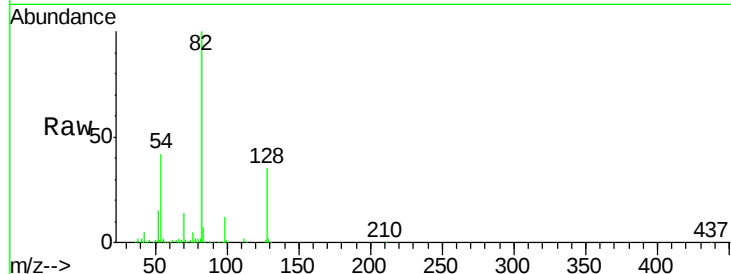




#23
 Nitrobenzene-d5
 Concen: 110.456 ng
 RT: 9.22 min Scan# 1009
 Delta R.T. -0.02 min
 Lab File: BG035362.D
 Acq: 23 Jun 2018 10:58

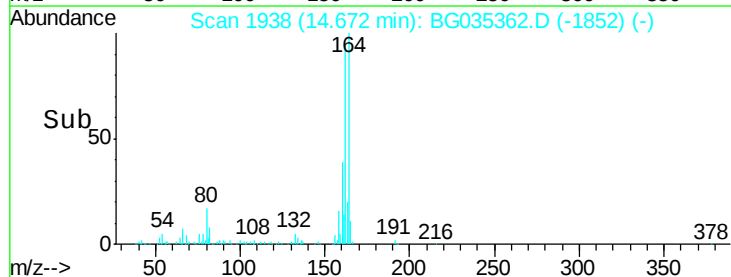
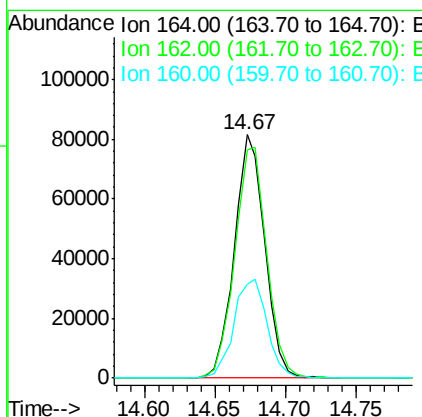
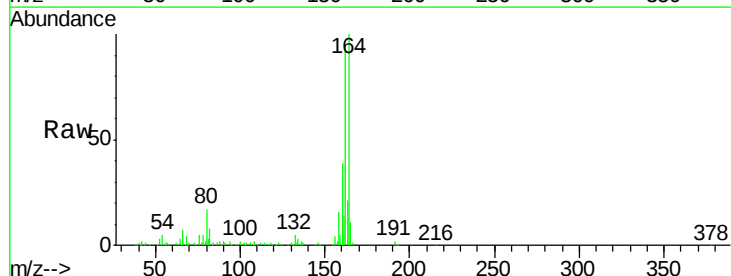
Instrument :
 BNA_G
 ClientSampleId :
 061918-DBRI-F-U-S

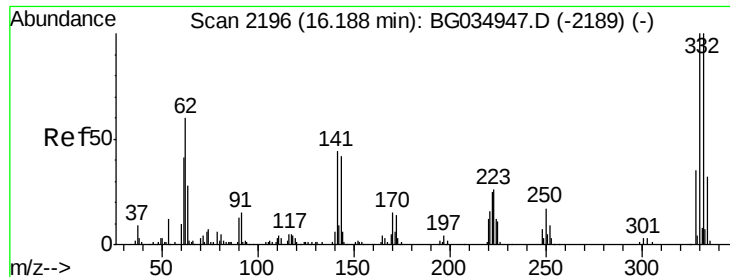
Tgt Ion	Ratio	Lower	Upper
82	100		
128	34.9	29.7	44.5
54	42.0	43.1	64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. -0.02 min
 Lab File: BG035362.D
 Acq: 23 Jun 2018 10:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	93.8	78.8	118.2
160	38.7	35.4	53.0

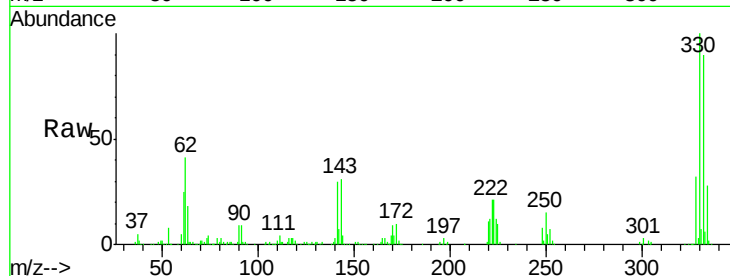




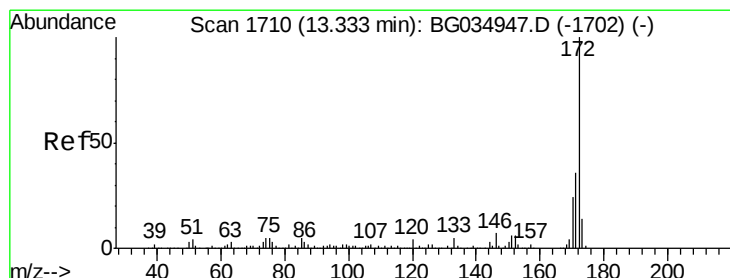
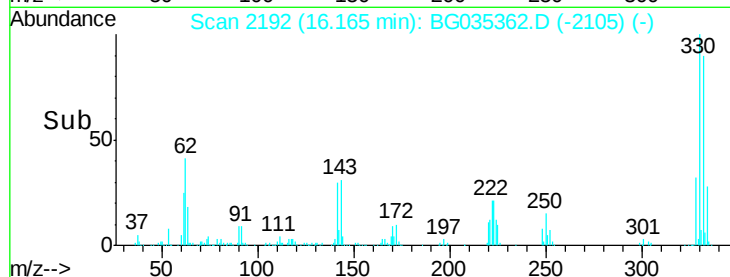
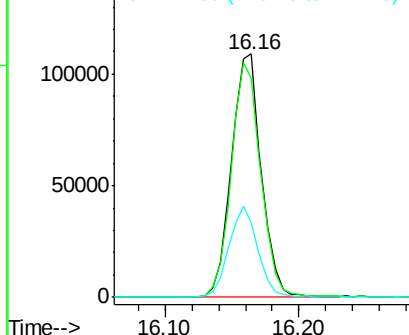
#41
 2,4,6-Tribromophenol
 Concen: 109.071 ng
 RT: 16.16 min Scan# 2192
 Delta R.T. -0.02 min
 Lab File: BG035362.D
 Acq: 23 Jun 2018 10:58

Instrument :
 BNA_G
 ClientSampleId :
 061918-DBRI-F-U-S

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.0	115.6
141	36.3	25.2	37.8

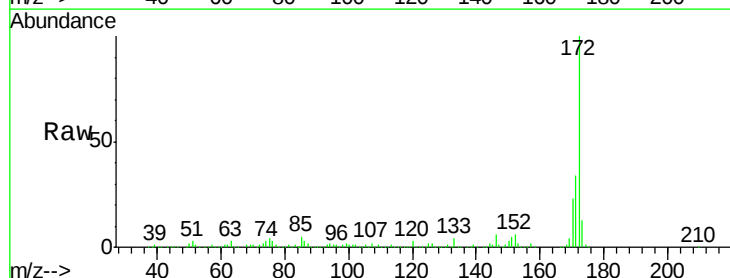


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

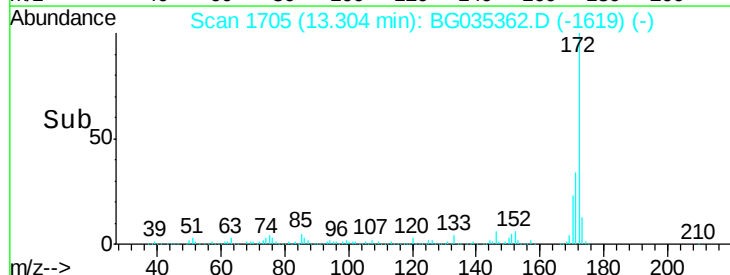
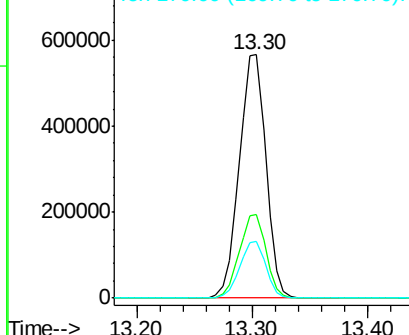


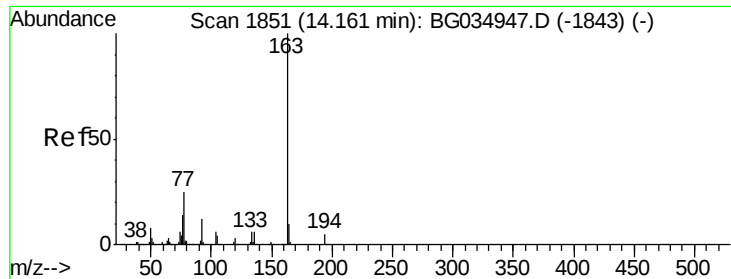
#44
 2-Fluorobiphenyl
 Concen: 96.876 ng
 RT: 13.30 min Scan# 1705
 Delta R.T. -0.02 min
 Lab File: BG035362.D
 Acq: 23 Jun 2018 10:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.2	30.0	45.0
170	23.3	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: 4.216 ng

RT: 14.12 min Scan# 1844

Delta R.T. -0.04 min

Lab File: BG035362.D

Acq: 23 Jun 2018 10:58

Instrument :

BNA_G

ClientSampleId :

061918-DBRI-F-U-S

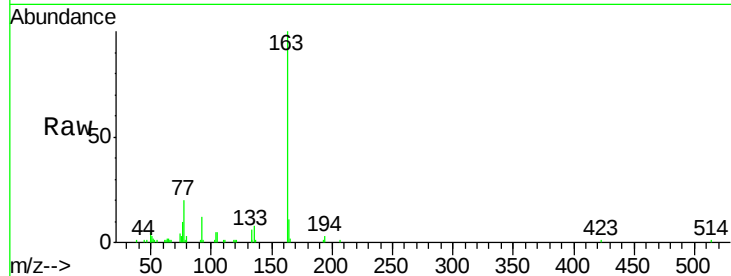
Tgt Ion:163 Resp: 44775

Ion Ratio Lower Upper

163 100

194 3.4 3.4 5.2#

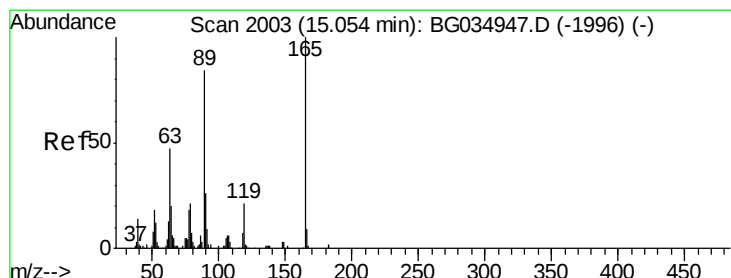
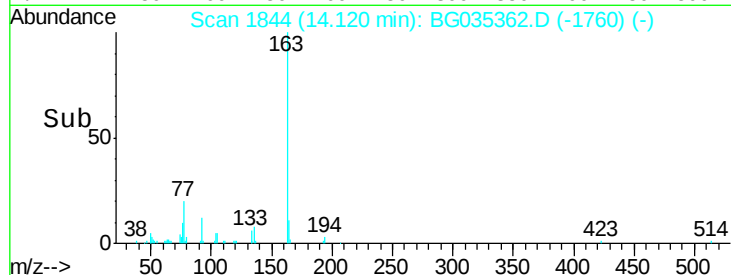
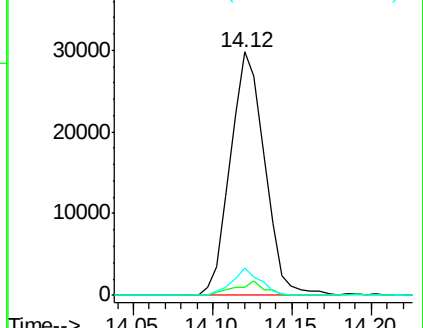
164 11.4 8.2 12.4



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



#56

2,4-Dinitrotoluene

Concen: 5.999 ng

RT: 14.68 min Scan# 1939

Delta R.T. -0.37 min

Lab File: BG035362.D

Acq: 23 Jun 2018 10:58

Tgt Ion:165 Resp: 15440

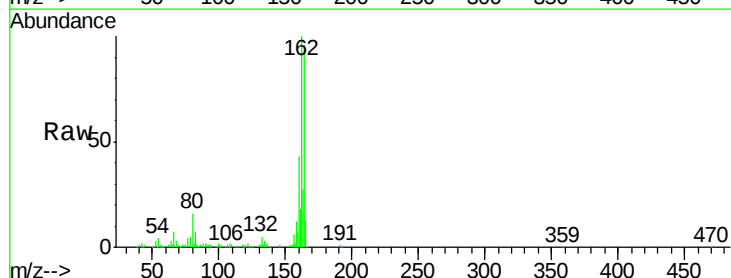
Ion Ratio Lower Upper

165 100

63 0.0 42.0 63.0#

89 0.0 66.9 100.3#

182 0.0 2.6 3.8#

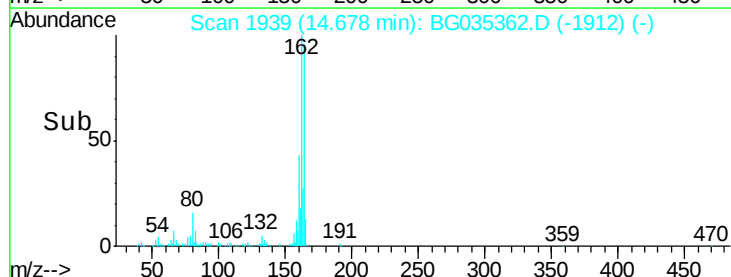
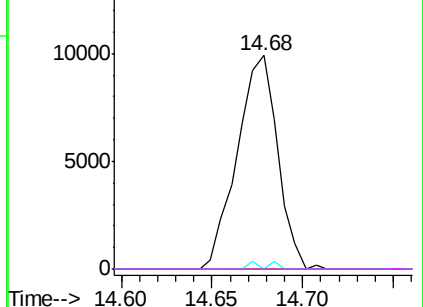


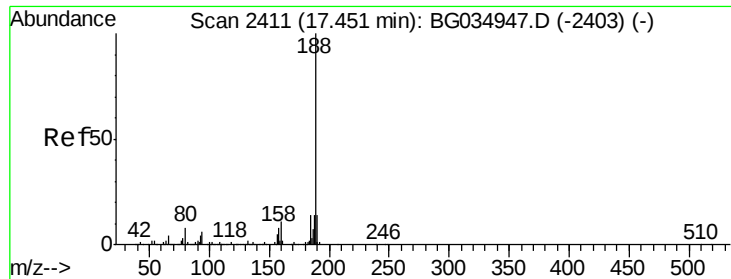
Abundance Ion 165.00 (164.70 to 165.70): E

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: 17.42 min Scan# 2405

Delta R.T. -0.02 min

Lab File: BG035362.D

Acq: 23 Jun 2018 10:58

Instrument :

BNA_G

ClientSampleId :

061918-DBRI-F-U-S

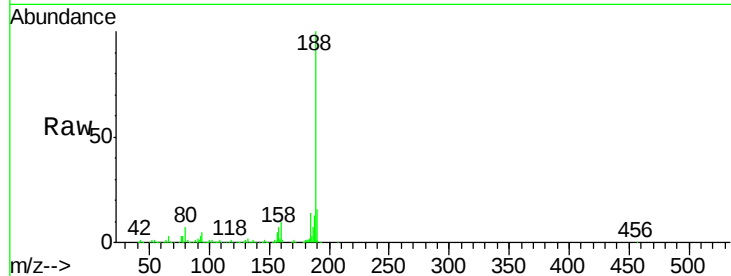
Tgt Ion:188 Resp: 325205

Ion Ratio Lower Upper

188 100

94 5.0 6.9 10.3#

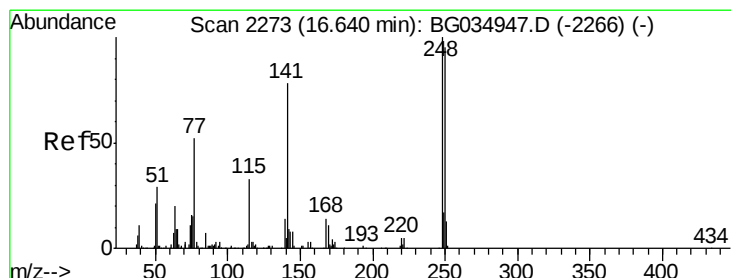
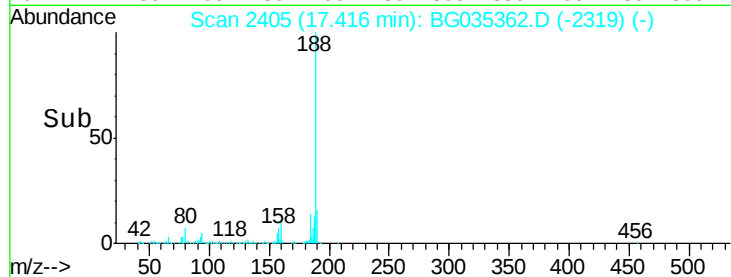
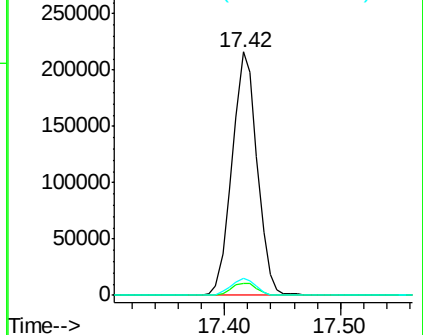
80 6.8 7.7 11.5#



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: 3.352 ng

RT: 16.16 min Scan# 2192

Delta R.T. -0.47 min

Lab File: BG035362.D

Acq: 23 Jun 2018 10:58

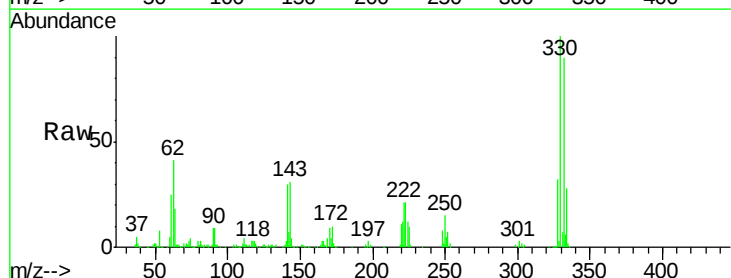
Tgt Ion:248 Resp: 13128

Ion Ratio Lower Upper

248 100

250 178.9 77.1 115.7#

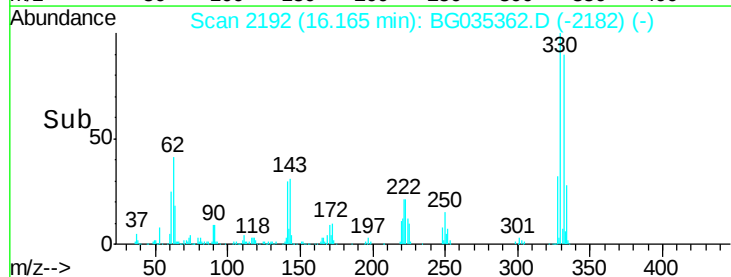
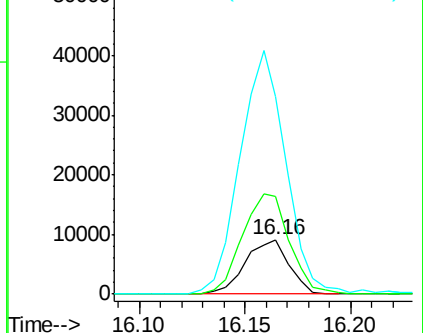
141 364.5 50.8 76.2#

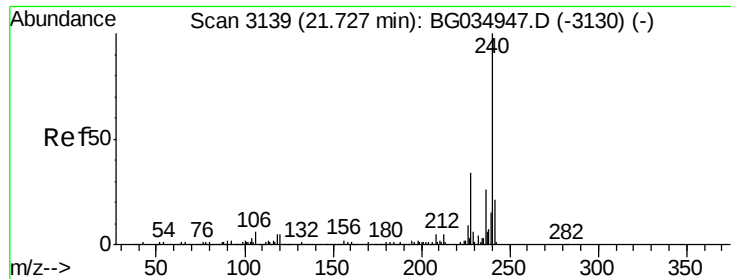


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

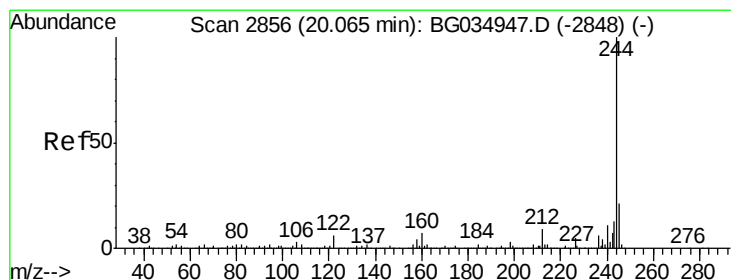
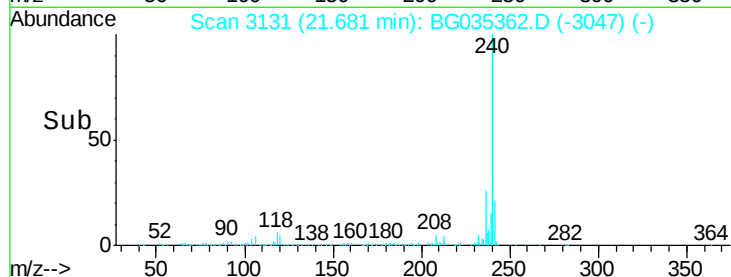
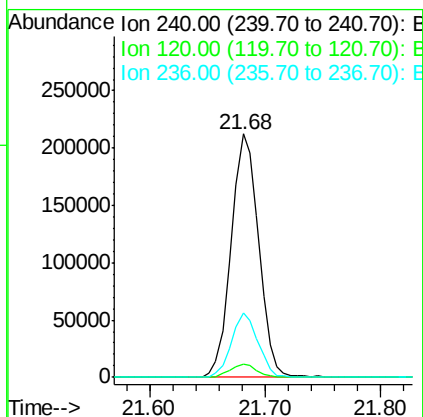
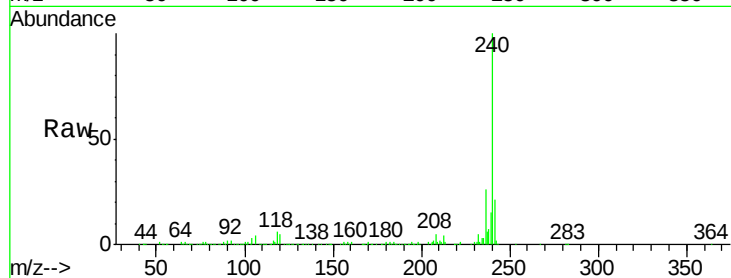




#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.04 min
Lab File: BG035362.D
Acq: 23 Jun 2018 10:58

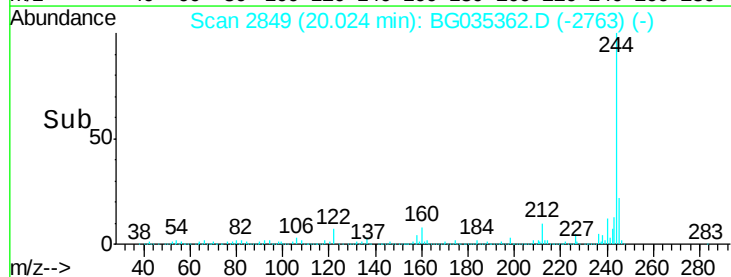
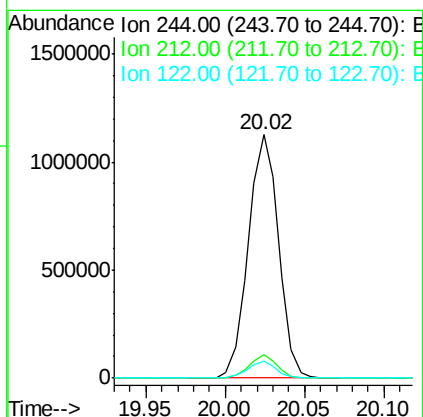
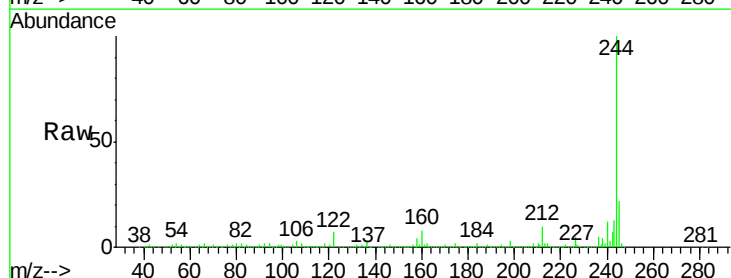
Instrument :
BNA_G
ClientSampleId :
061918-DBRI-F-U-S

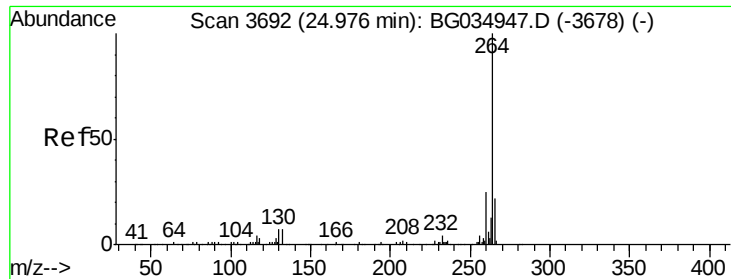
Tgt Ion:240 Resp: 350917
Ion Ratio Lower Upper
240 100
120 5.2 6.8 10.2#
236 26.3 20.9 31.3



#78
Terphenyl-d14
Concen: 88.915 ng
RT: 20.02 min Scan# 2849
Delta R.T. -0.02 min
Lab File: BG035362.D
Acq: 23 Jun 2018 10:58

Tgt Ion:244 Resp: 1489569
Ion Ratio Lower Upper
244 100
212 9.8 5.8 8.8#
122 7.0 7.0 10.4

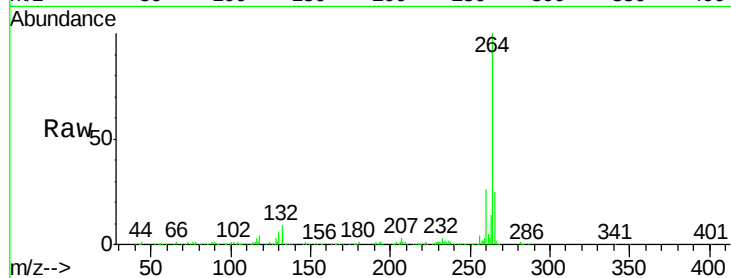




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.90 min Scan# 3679
Delta R.T. -0.05 min
Lab File: BG035362.D
Acq: 23 Jun 2018 10:58

Instrument :
BNA_G
ClientSampleId :
061918-DBRI-F-U-S

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.7	17.4	26.0
265	24.6	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

