

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062218\
 Data File : BG035368.D
 Acq On : 23 Jun 2018 14:49
 Operator : JU/SJ
 Sample : J3623-07
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

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

Quant Time: Jun 25 05:49:57 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

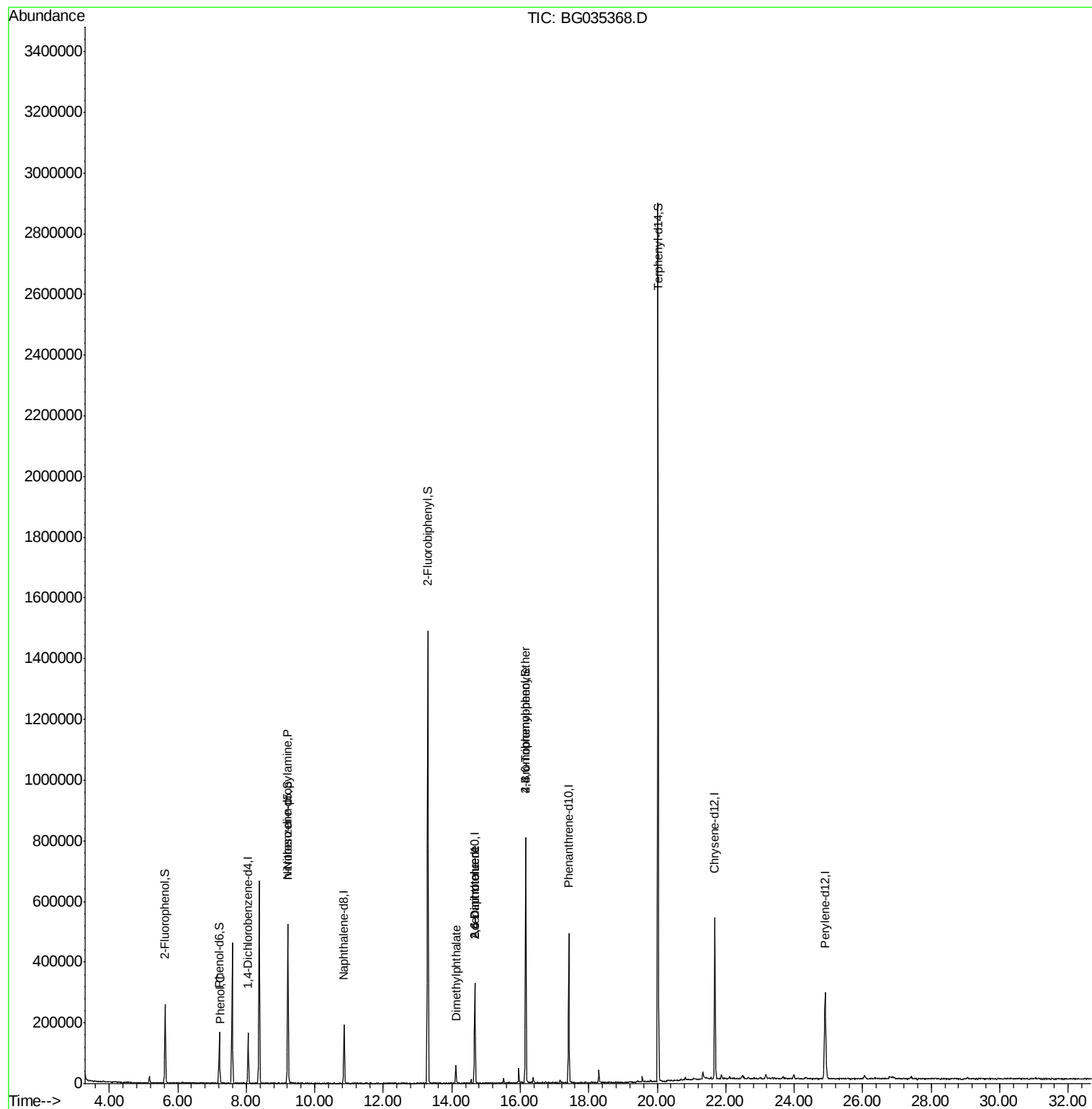
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	46968	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	167439	20.00	ng	-0.03
38) Acenaphthene-d10	14.67	164	111522	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	300790	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	344494	20.00	ng	-0.04
86) Perylene-d12	24.91	264	325774	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	117771	42.32	ng	-0.01
7) Phenol-d6	7.21	99	105247	25.62	ng	-0.01
23) Nitrobenzene-d5	9.22	82	352509	100.07	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	147379	103.23	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	804709	93.80	ng	-0.03
78) Terphenyl-d14	20.02	244	1356994	82.51	ng	-0.02
Target Compounds						
10) Phenol	7.24	94	8648	2.034	ng	85
19) n-Nitroso-di-n-propylamine	9.22	70	48898	14.012	ng	# 67
49) Dimethylphthalate	14.12	163	39421	4.054	ng	97
50) 2,6-Dinitrotoluene	14.67	165	15803	8.907	ng	# 22
56) 2,4-Dinitrotoluene	14.67	165	15803	6.705	ng	# 20
66) 4-Bromophenyl-phenylether	16.16	248	11622	3.209	ng	# 1

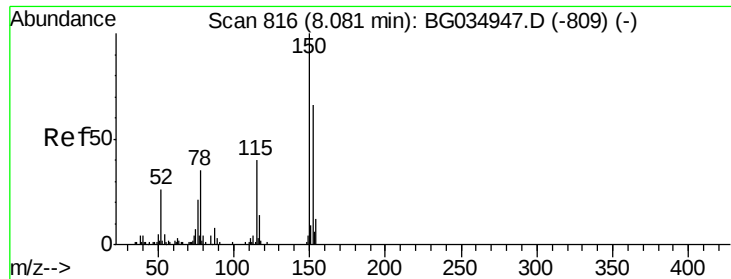
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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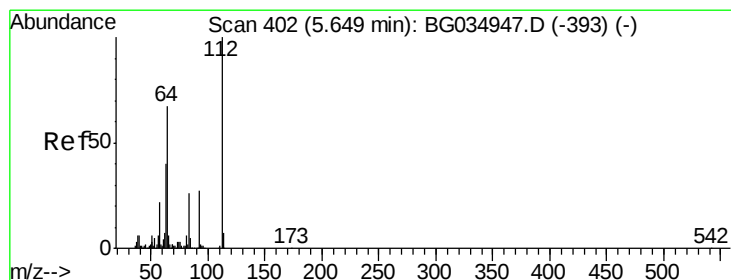
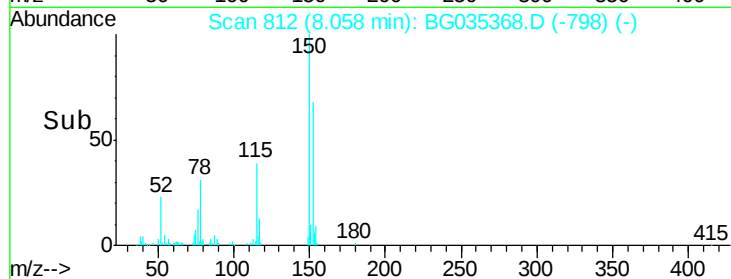
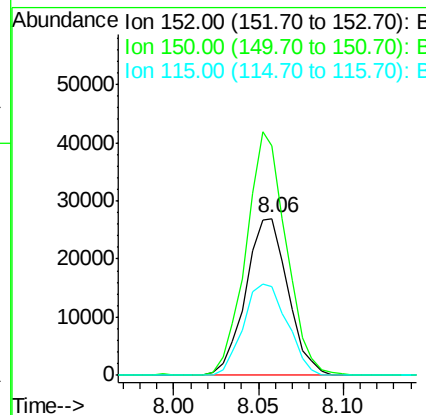
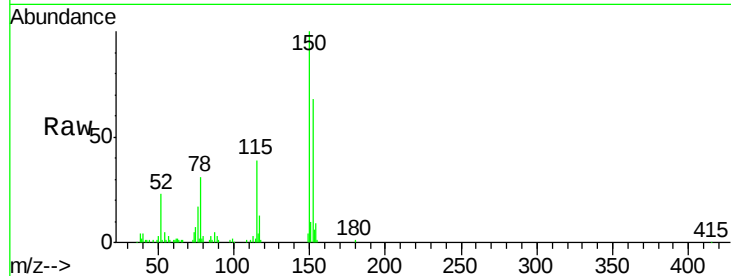


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.02 min
Lab File: BG035368.D
Acq: 23 Jun 2018 14:49

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

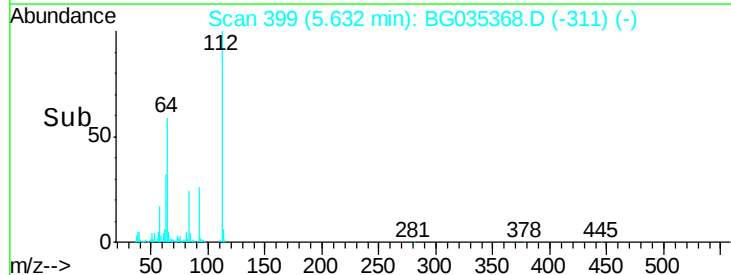
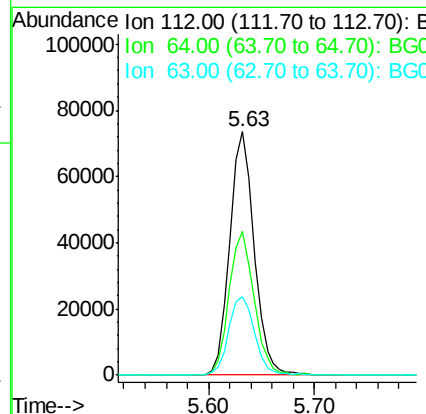
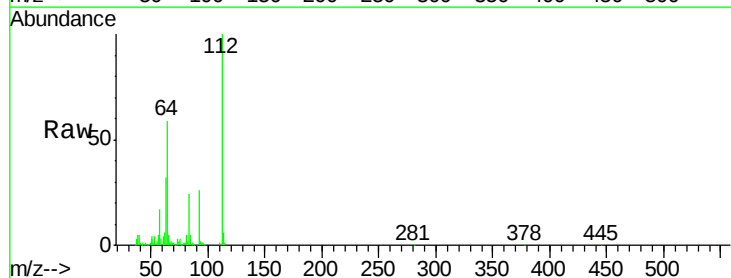
Tgt Ion:152 Resp: 46968
Ion Ratio Lower Upper
152 100
150 146.3 126.6 189.8
115 56.4 53.0 79.4

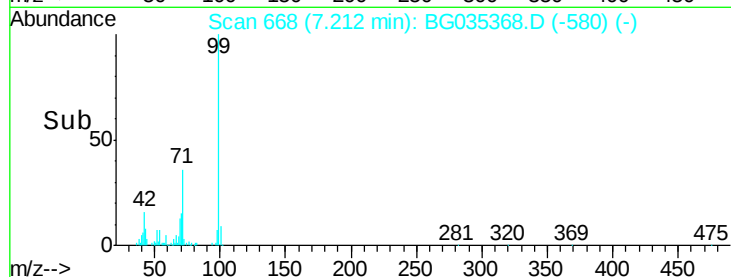
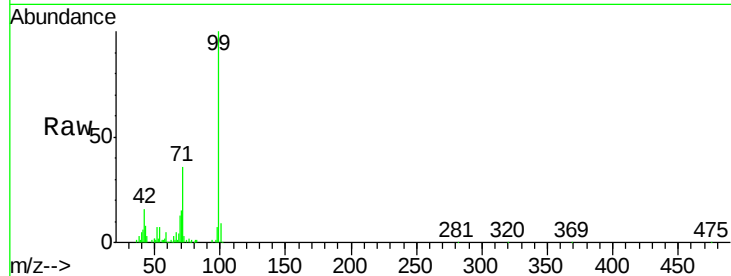
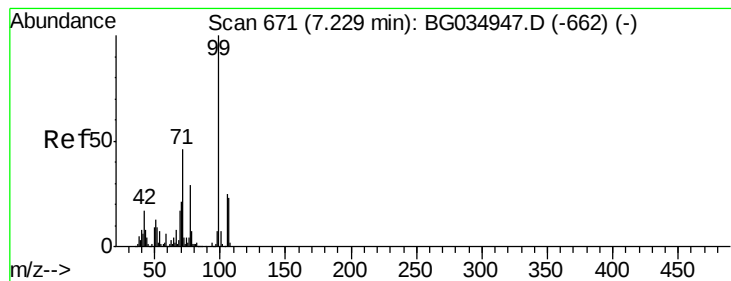


#5

2-Fluorophenol
Concen: 42.316 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG035368.D
Acq: 23 Jun 2018 14:49

Tgt Ion:112 Resp: 117771
Ion Ratio Lower Upper
112 100
64 59.3 56.3 84.5
63 32.1 30.1 45.1





#7

Phenol-d6

Concen: 25.622 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035368.D

Acq: 23 Jun 2018 14:49

Instrument :

BNA_G

ClientSampleId :

061918-DBRI-F-U-M

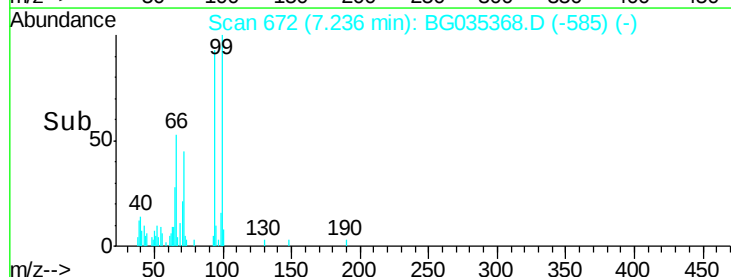
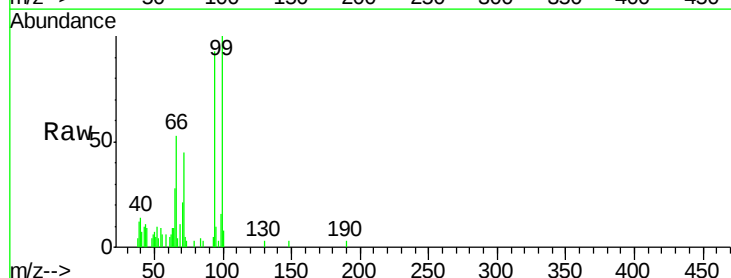
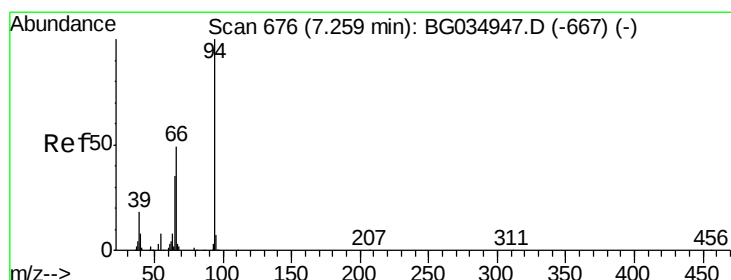
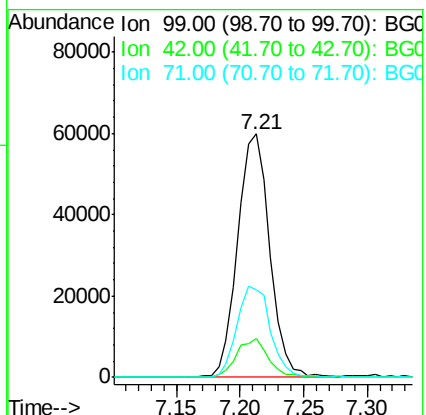
Tgt Ion: 99 Resp: 105247

Ion Ratio Lower Upper

99 100

42 15.8 14.1 21.1

71 36.1 26.1 39.1



#10

Phenol

Concen: 2.034 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.02 min

Lab File: BG035368.D

Acq: 23 Jun 2018 14:49

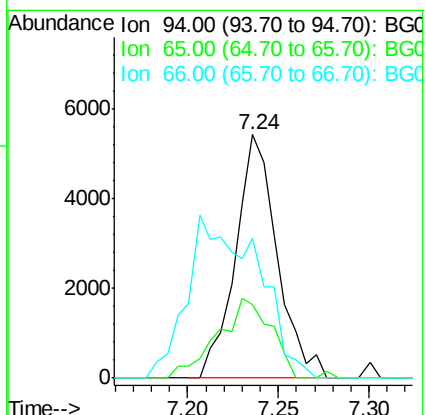
Tgt Ion: 94 Resp: 8648

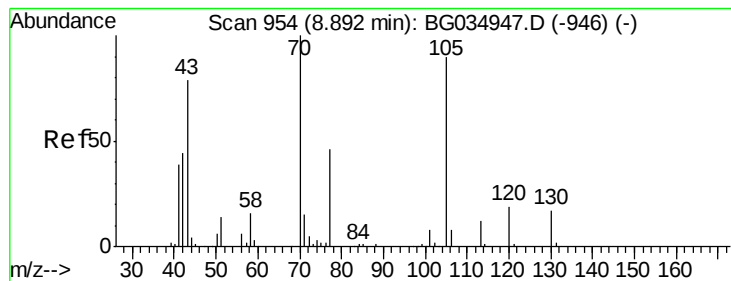
Ion Ratio Lower Upper

94 100

65 30.2 11.9 51.9

66 57.6 22.2 62.2





#19

n-Nitroso-di-n-propylamine

Concen: 14.012 ng

RT: 9.22 min Scan# 1009

Delta R.T. 0.33 min

Lab File: BG035368.D

Acq: 23 Jun 2018 14:49

Instrument :

BNA_G

ClientSampleId :

061918-DBRI-F-U-M

Tgt Ion: 70 Resp: 48898

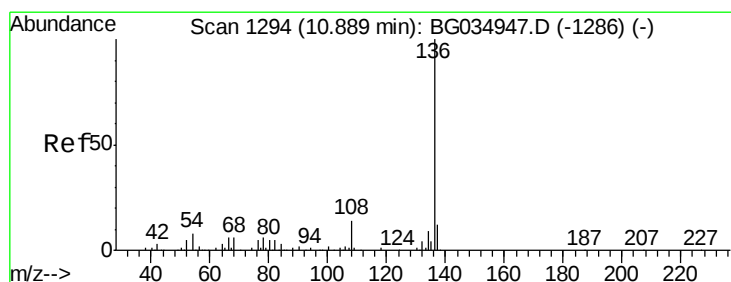
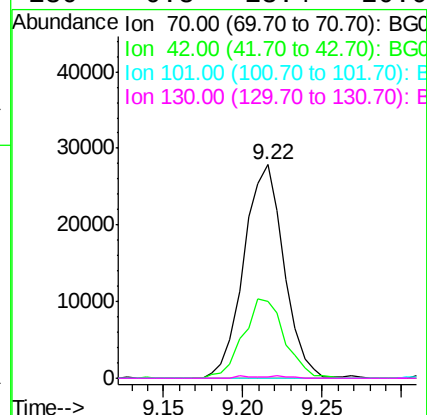
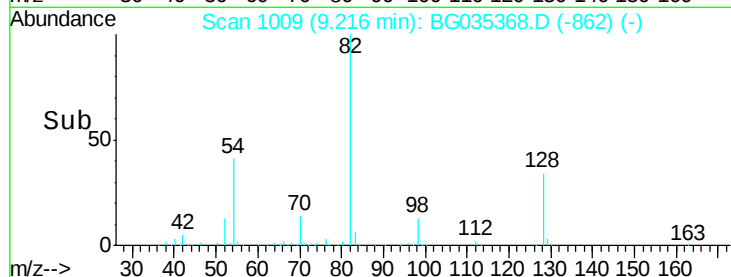
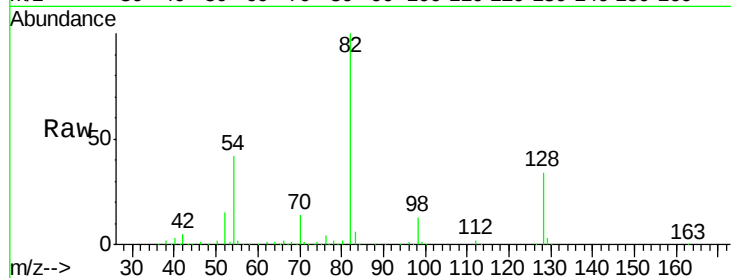
Ion Ratio Lower Upper

70 100

42 36.0 49.1 73.7#

101 0.0 8.5 12.7#

130 0.8 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: BG035368.D

Acq: 23 Jun 2018 14:49

Tgt Ion: 136 Resp: 167439

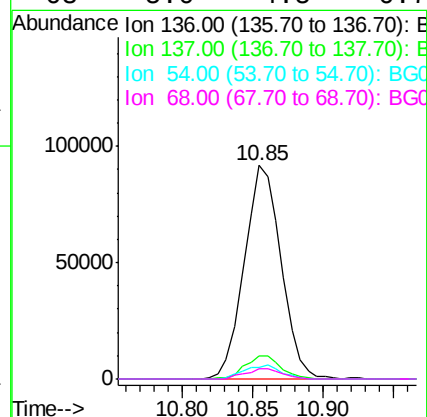
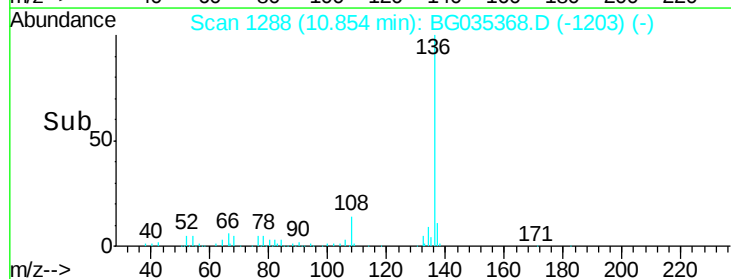
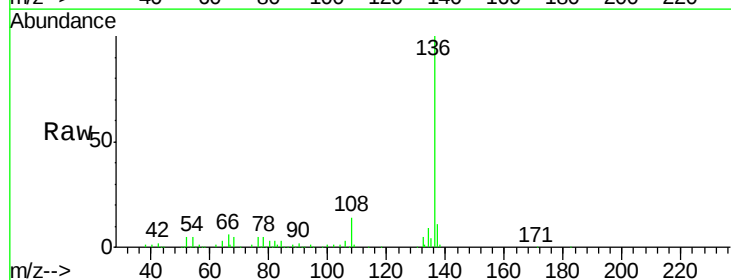
Ion Ratio Lower Upper

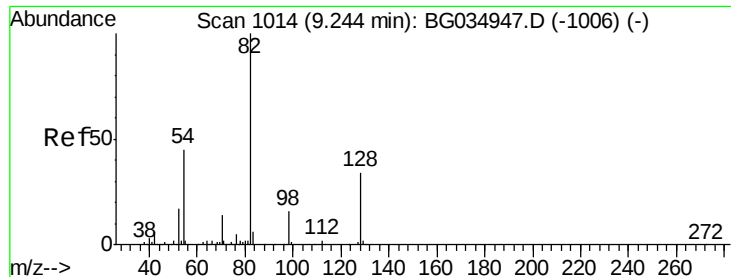
136 100

137 10.7 9.2 13.8

54 5.1 10.3 15.5#

68 5.0 4.5 6.7

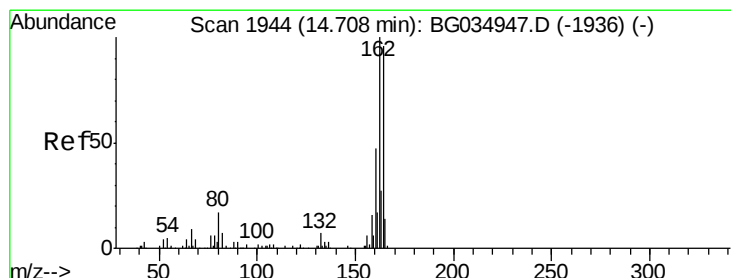
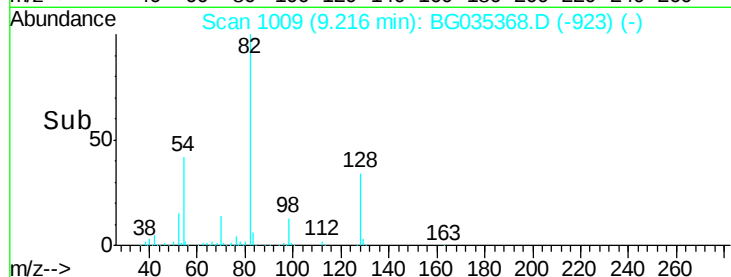
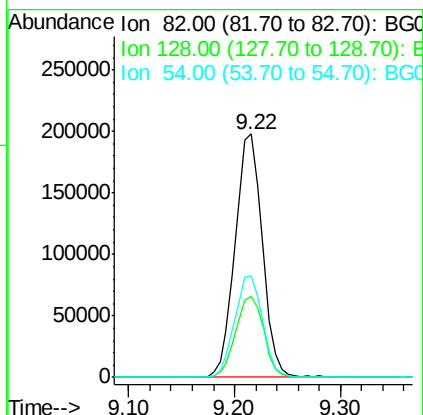
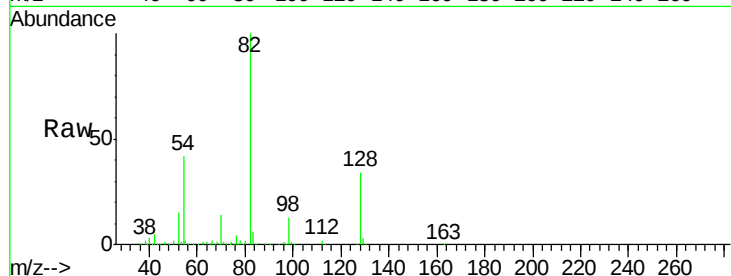




#23
Nitrobenzene-d5
Concen: 100.074 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.02 min
Lab File: BG035368.D
Acq: 23 Jun 2018 14:49

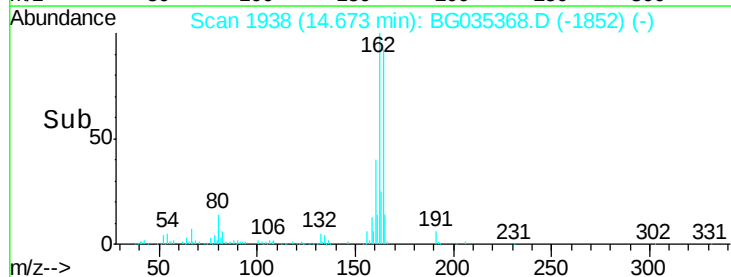
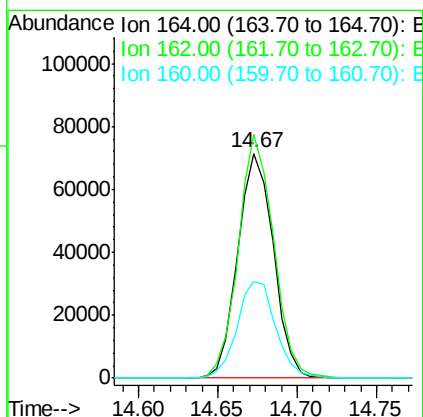
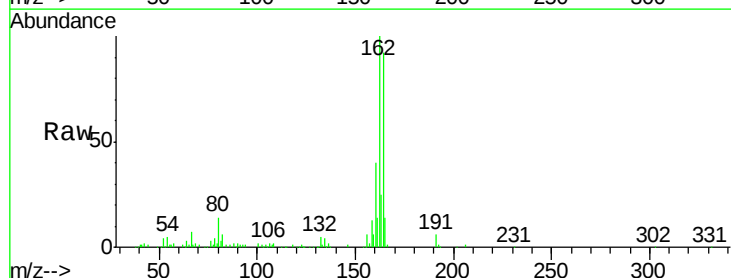
Instrument :
BNA_G
ClientSampleId :
061918-DBRI-F-U-M

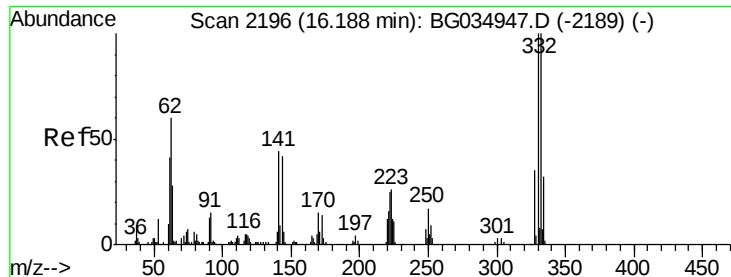
Tgt Ion	Ratio	Lower	Upper
82	100		
128	33.5	29.7	44.5
54	41.5	43.1	64.7#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1938
Delta R.T. -0.02 min
Lab File: BG035368.D
Acq: 23 Jun 2018 14:49

Tgt Ion	Ratio	Lower	Upper
164	100		
162	108.3	78.8	118.2
160	42.8	35.4	53.0

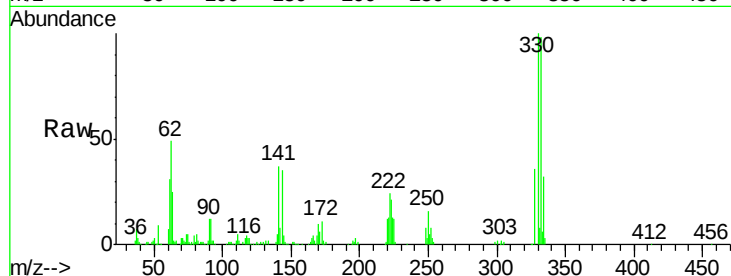




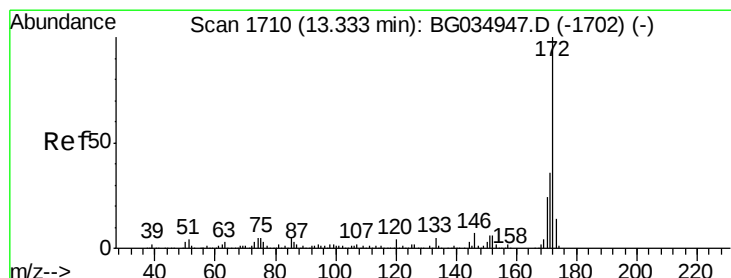
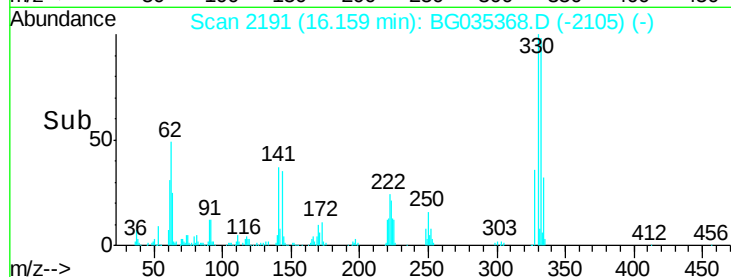
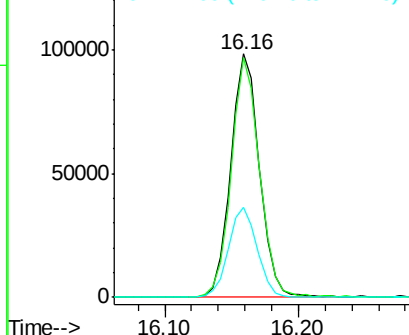
#41
 2,4,6-Tribromophenol
 Concen: 103.234 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.02 min
 Lab File: BG035368.D
 Acq: 23 Jun 2018 14:49

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

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	37.3	25.2	37.8

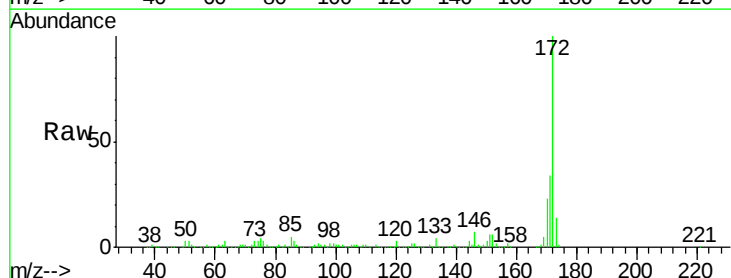


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

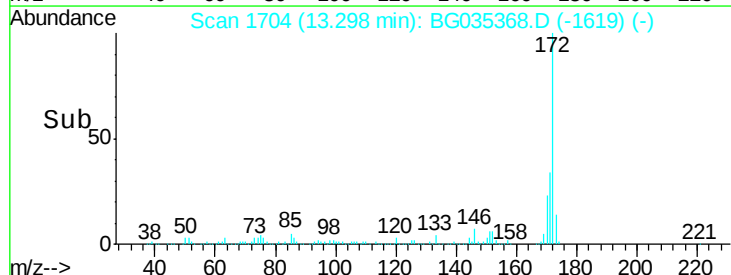
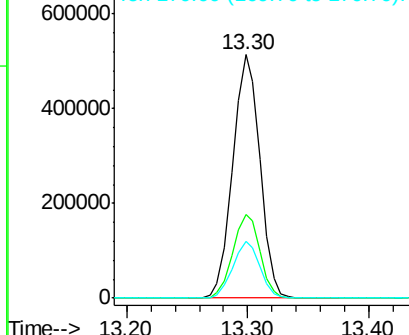


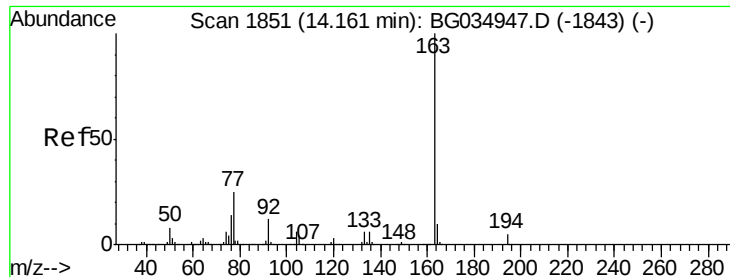
#44
 2-Fluorobiphenyl
 Concen: 93.804 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.03 min
 Lab File: BG035368.D
 Acq: 23 Jun 2018 14:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.2	30.0	45.0
170	23.1	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: 4.054 ng

RT: 14.12 min Scan# 1844

Delta R.T. -0.04 min

Lab File: BG035368.D

Acq: 23 Jun 2018 14:49

Instrument :

BNA_G

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061918-DBRI-F-U-M

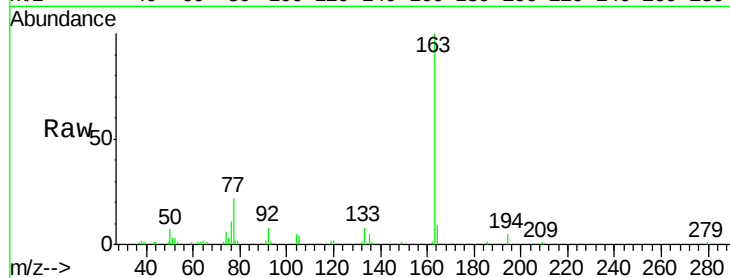
Tgt Ion:163 Resp: 39421

Ion Ratio Lower Upper

163 100

194 5.1 3.4 5.2

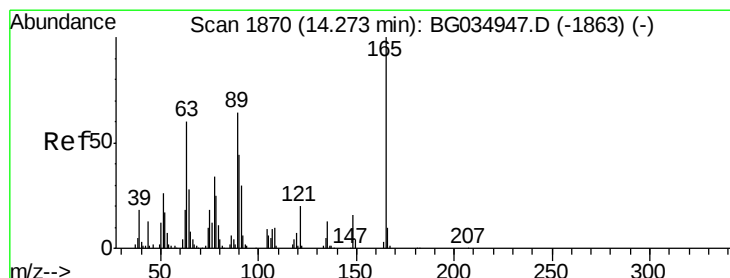
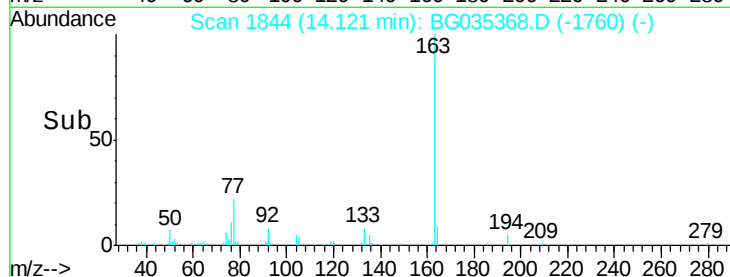
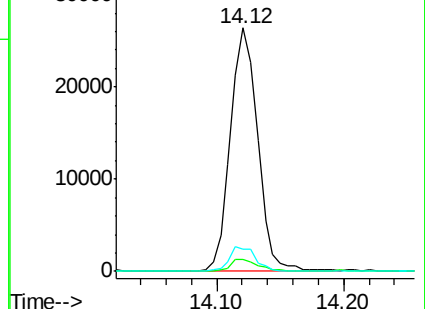
164 9.2 8.2 12.4



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



#50

2,6-Dinitrotoluene

Concen: 8.907 ng

RT: 14.67 min Scan# 1938

Delta R.T. 0.41 min

Lab File: BG035368.D

Acq: 23 Jun 2018 14:49

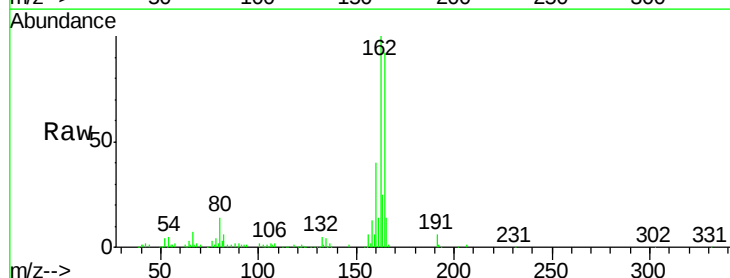
Tgt Ion:165 Resp: 15803

Ion Ratio Lower Upper

165 100

63 2.0 52.7 79.1#

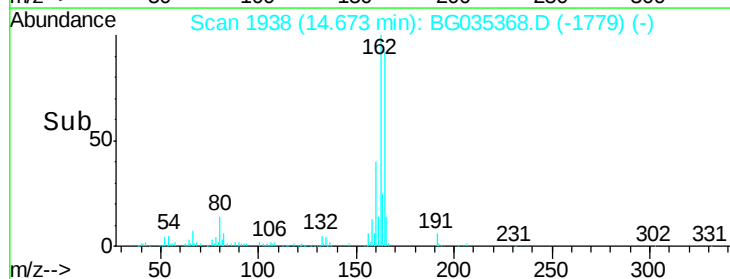
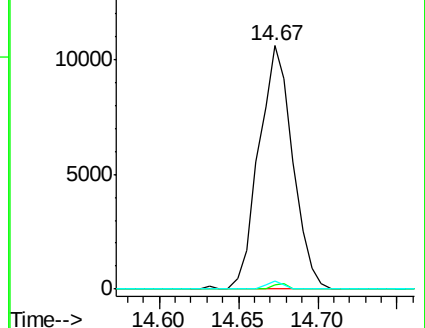
89 3.5 49.2 73.8#

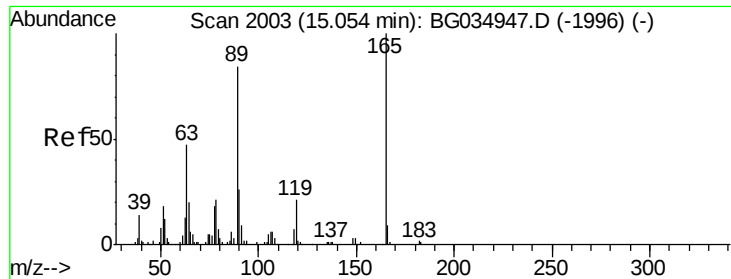


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

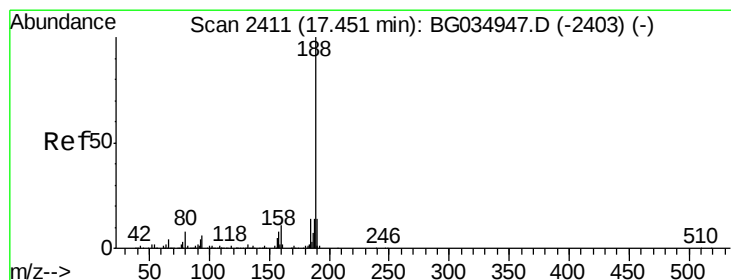
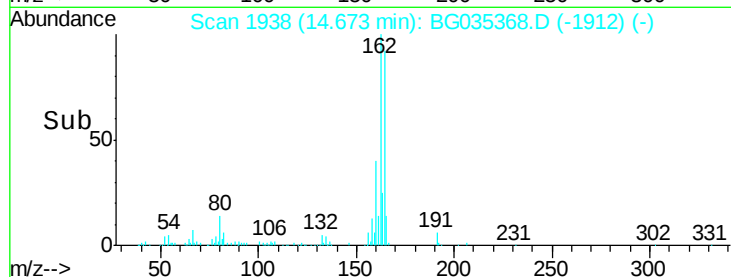
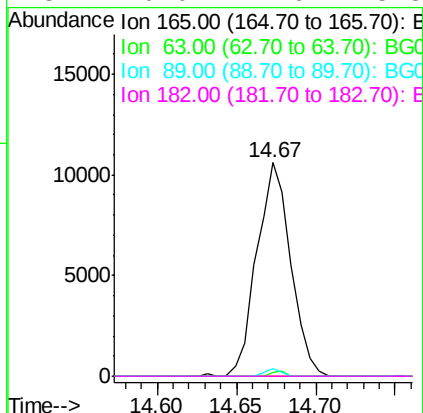
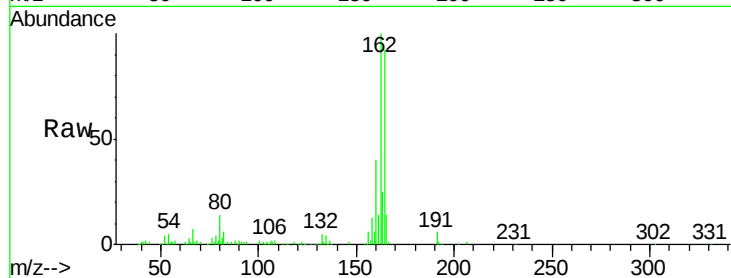




#56
2,4-Dinitrotoluene
Concen: 6.705 ng
RT: 14.67 min Scan# 1938
Delta R.T. -0.38 min
Lab File: BG035368.D
Acq: 23 Jun 2018 14:49

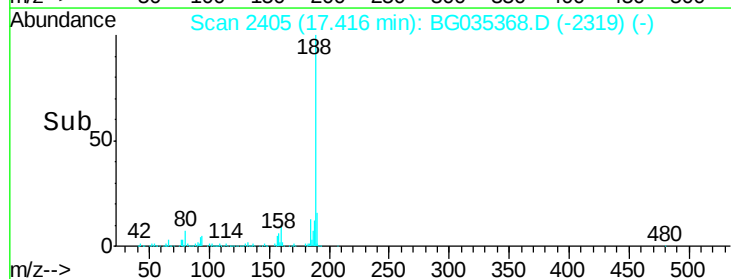
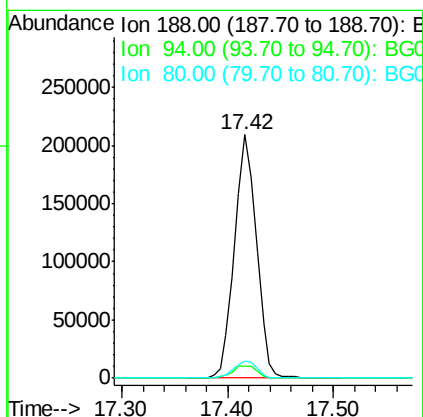
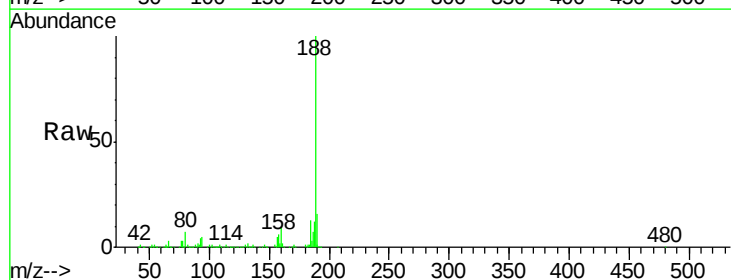
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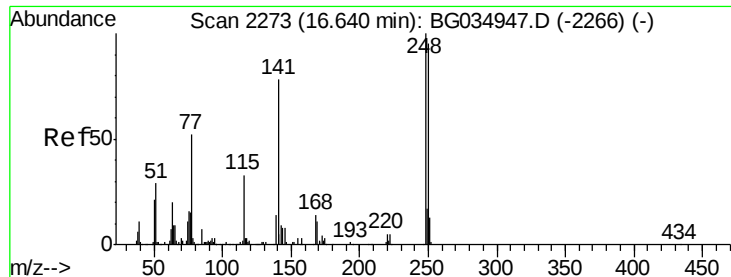
Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.0	42.0	63.0#
89	3.5	66.9	100.3#
182	0.0	2.6	3.8#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.02 min
Lab File: BG035368.D
Acq: 23 Jun 2018 14:49

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.1	6.9	10.3#
80	7.2	7.7	11.5#

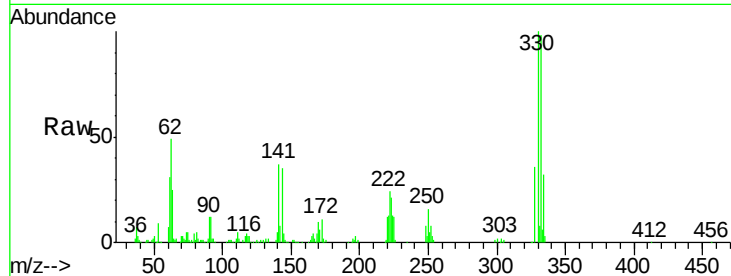




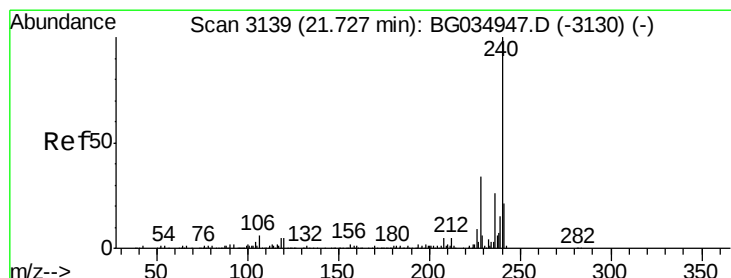
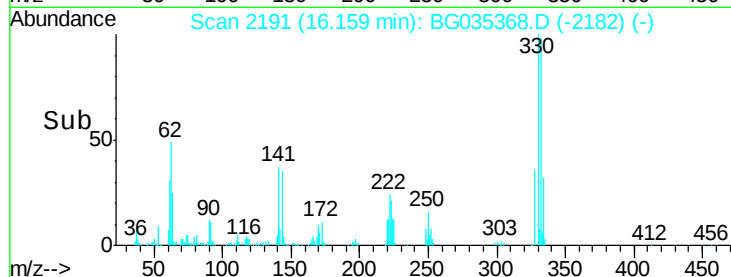
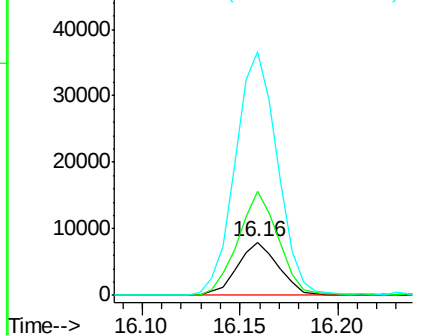
#66
4-Bromophenyl-phenylether
Concen: 3.209 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.48 min
Lab File: BG035368.D
Acq: 23 Jun 2018 14:49

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

Tgt Ion:248 Resp: 11622
Ion Ratio Lower Upper
248 100
250 197.0 77.1 115.7#
141 458.1 50.8 76.2#

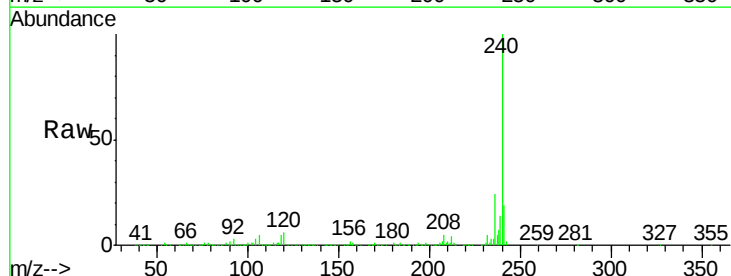


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

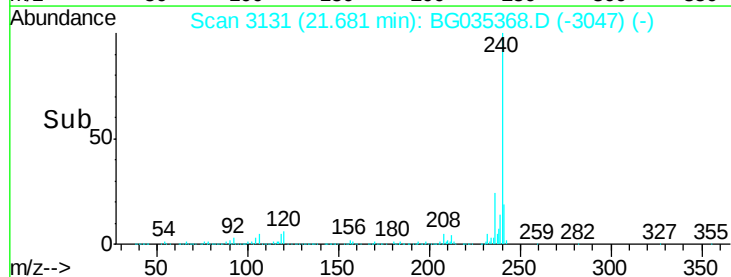
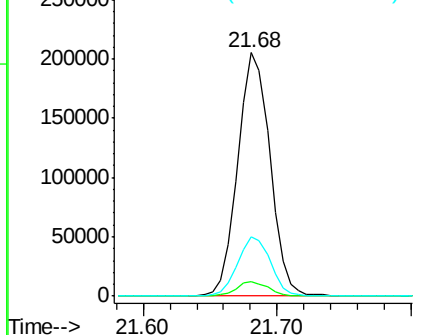


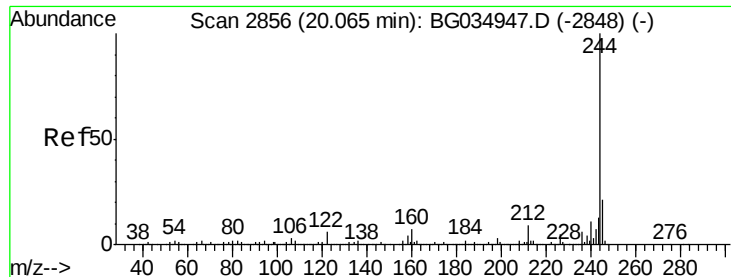
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.04 min
Lab File: BG035368.D
Acq: 23 Jun 2018 14:49

Tgt Ion:240 Resp: 344494
Ion Ratio Lower Upper
240 100
120 6.0 6.8 10.2#
236 24.3 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: 82.511 ng

RT: 20.02 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BG035368.D

Acq: 23 Jun 2018 14:49

Instrument :

BNA_G

ClientSampleId :

061918-DBRI-F-U-M

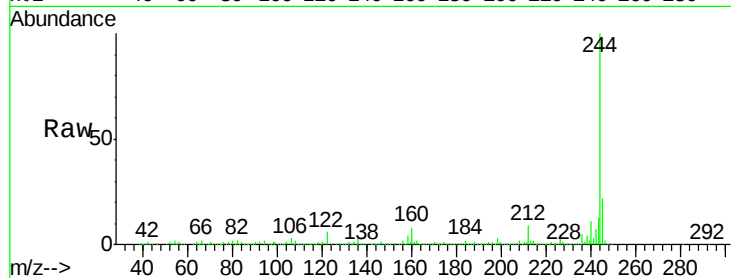
Tgt Ion:244 Resp: 1356994

Ion Ratio Lower Upper

244 100

212 9.2 5.8 8.8#

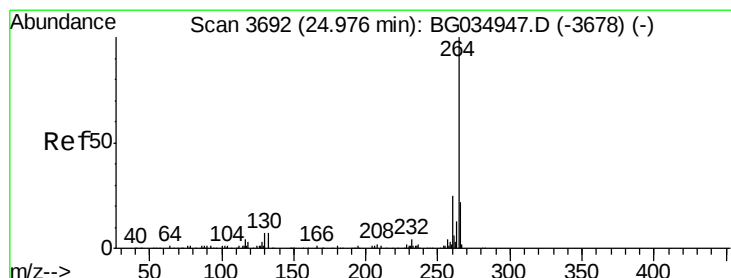
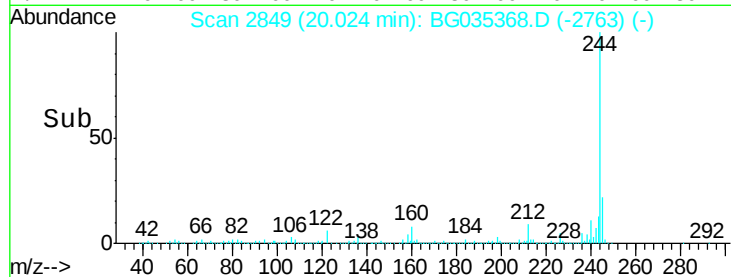
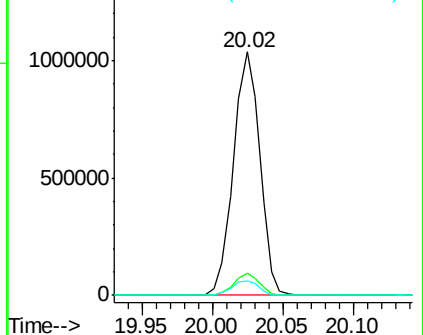
122 6.2 7.0 10.4#



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: 24.91 min Scan# 3680

Delta R.T. -0.05 min

Lab File: BG035368.D

Acq: 23 Jun 2018 14:49

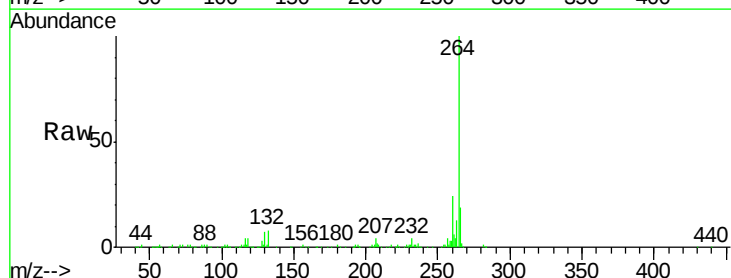
Tgt Ion:264 Resp: 325774

Ion Ratio Lower Upper

264 100

260 23.6 17.4 26.0

265 19.3 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

