

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062618\
 Data File : BG035419.D
 Acq On : 26 Jun 2018 20:51
 Operator : JU/SJ
 Sample : J3665-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 27 02:55:02 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

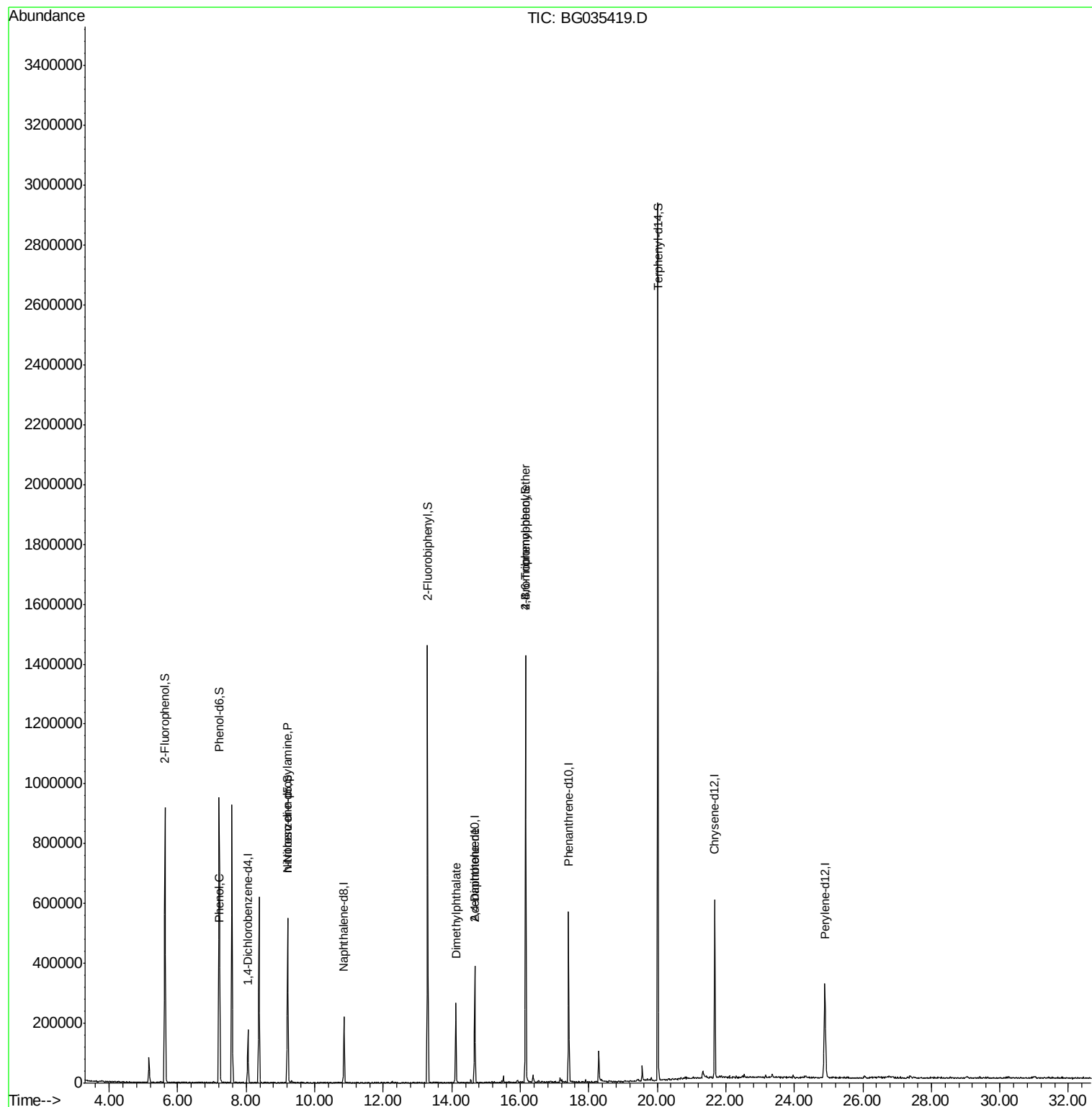
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	50672	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	190844	20.00	ng	-0.03
38) Acenaphthene-d10	14.67	164	131369	20.00	ng	-0.03
63) Phenanthrene-d10	17.41	188	360122	20.00	ng	-0.03
75) Chrysene-d12	21.68	240	378905	20.00	ng	-0.04
86) Perylene-d12	24.89	264	365437	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	398925	132.86	ng	-0.02
7) Phenol-d6	7.21	99	593371	133.89	ng	-0.02
23) Nitrobenzene-d5	9.21	82	375294	93.48	ng	-0.03
41) 2,4,6-Tribromophenol	16.16	330	269202	160.08	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	788051	77.98	ng	-0.03
78) Terphenyl-d14	20.02	244	1392912	77.00	ng	-0.03
Target Compounds						
10) Phenol	7.23	94	10699	2.333	ng	# 55
19) n-Nitroso-di-n-propylamine	9.21	70	50721	13.472	ng	# 70
49) Dimethylphthalate	14.12	163	165202	14.421	ng	99
56) 2,4-Dinitrotoluene	14.67	165	19068	6.868	ng	# 16
66) 4-Bromophenyl-phenylether	16.16	248	21972	5.066	ng	# 1

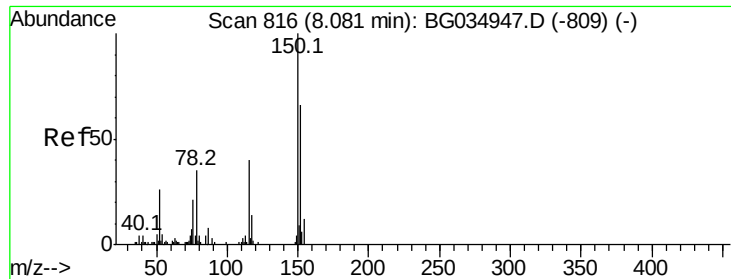
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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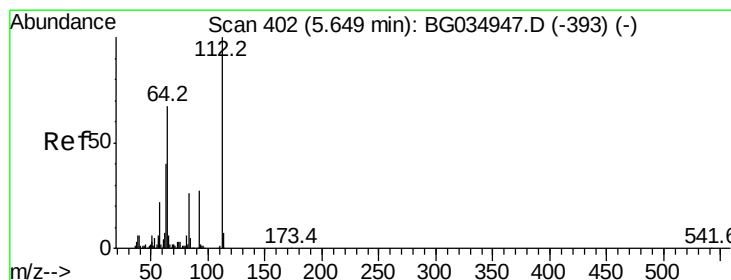
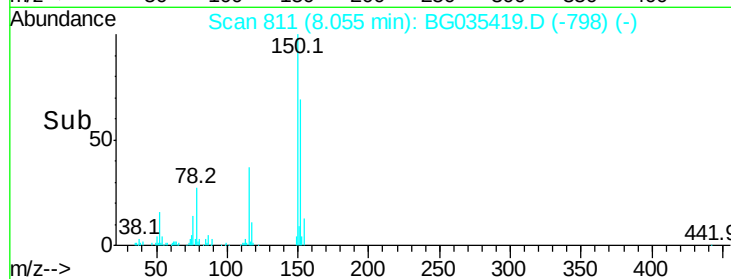
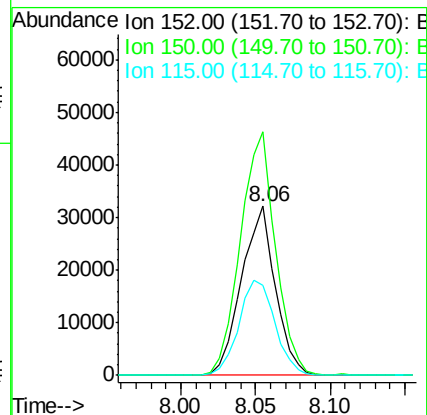
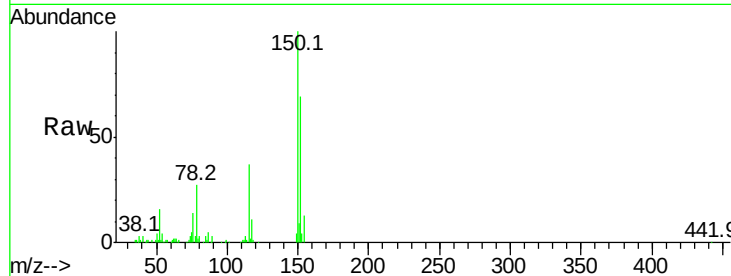


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 811
Delta R.T. -0.02 min
Lab File: BG035419.D
Acq: 26 Jun 2018 20:51

Instrument :
BNA_G
ClientSampleId :

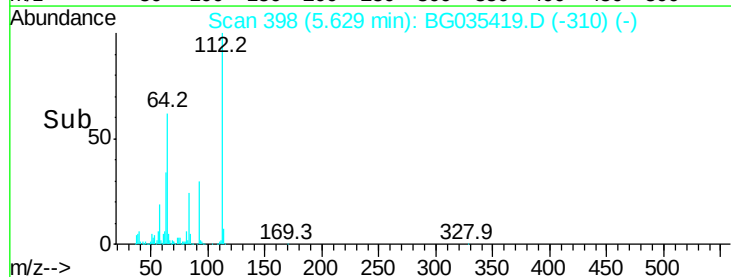
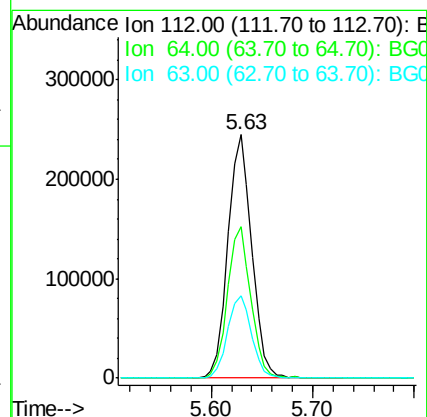
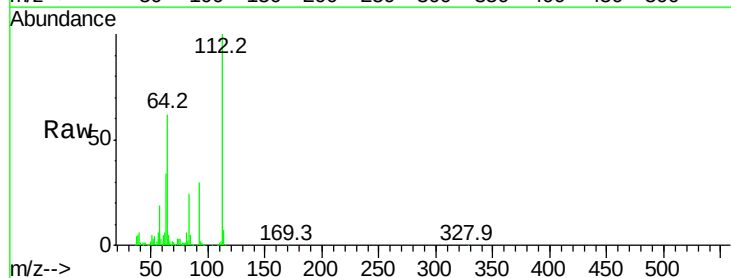
Tot Ion:152 Resp: 50672
Ion Ratio Lower Upper
152 100
150 144.3 126.6 189.8
115 53.3 53.0 79.4

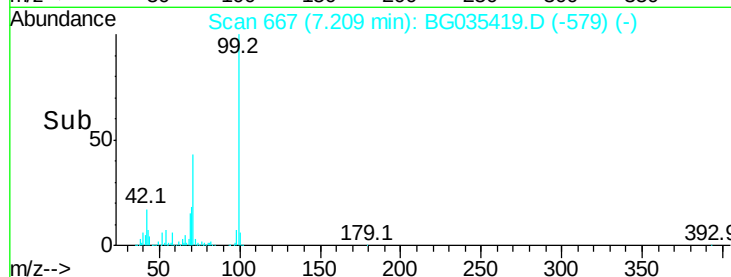
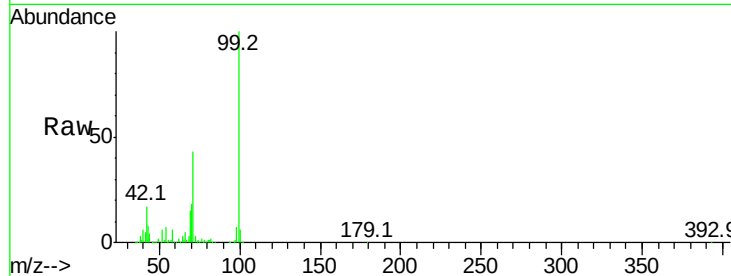
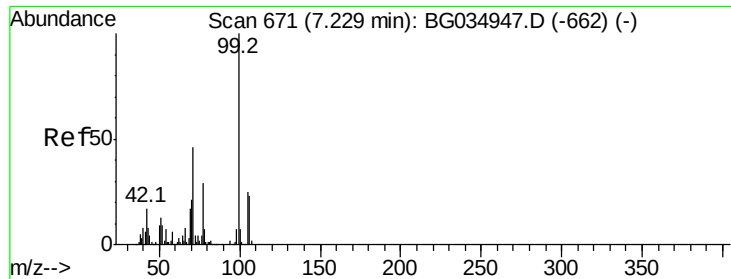


#5

2-Fluorophenol
Concen: 132.860 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.02 min
Lab File: BG035419.D
Acq: 26 Jun 2018 20:51

Tgt Ion:112 Resp: 398925
Ion Ratio Lower Upper
112 100
64 62.1 56.3 84.5
63 33.8 30.1 45.1





#7

Phenol-d6

Concen: 133.894 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.02 min

Lab File: BG035419.D

Acq: 26 Jun 2018 20:51

Instrument :

BNA_G

ClientSampleId :

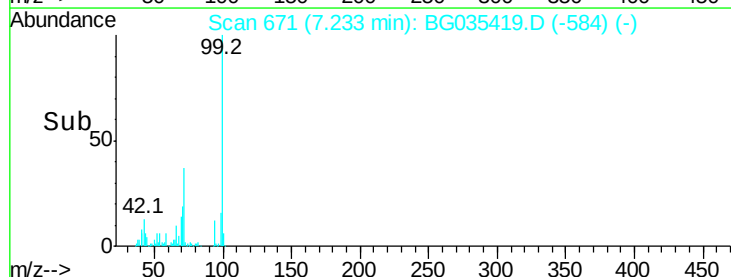
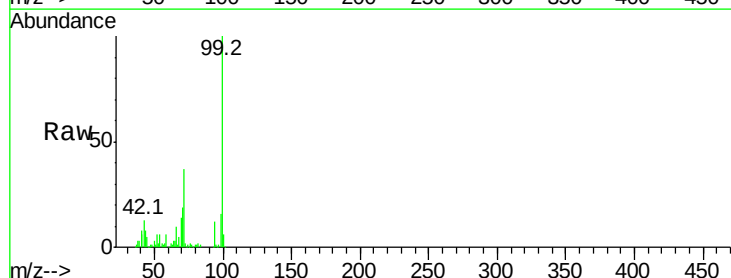
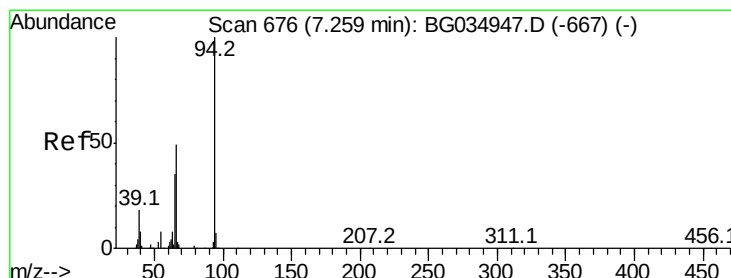
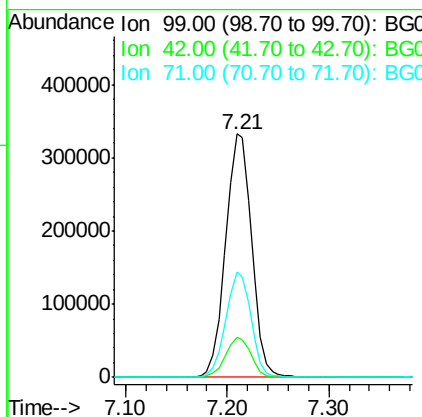
Tot Ion: 99 Resp: 593371

Ion Ratio Lower Upper

99 100

42 16.5 14.1 21.1

71 43.1 26.1 39.1#



#10

Phenol

Concen: 2.333 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.02 min

Lab File: BG035419.D

Acq: 26 Jun 2018 20:51

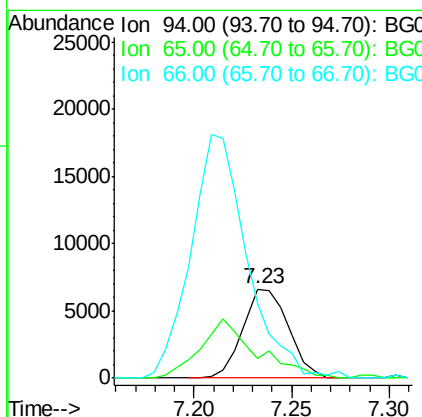
Tgt Ion: 94 Resp: 10699

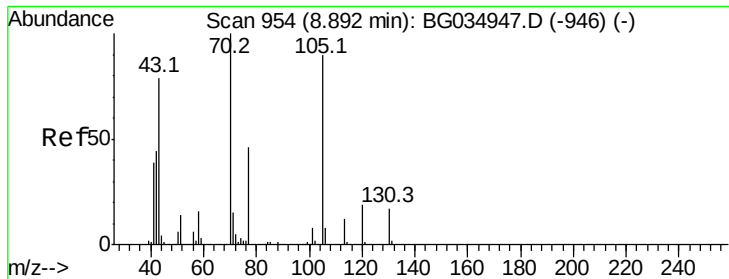
Ion Ratio Lower Upper

94 100

65 21.8 11.9 51.9

66 83.6 22.2 62.2#





#19

n-Nitroso-di-n-propylamine

Concen: 13.472 ng

RT: 9.21 min Scan# 1008

Delta R.T. 0.33 min

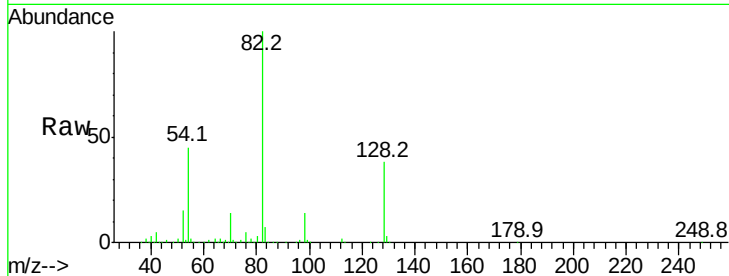
Lab File: BG035419.D

Acq: 26 Jun 2018 20:51

Instrument :

BNA_G

ClientSampleId :



Tot Ion: 70 Resp: 50721

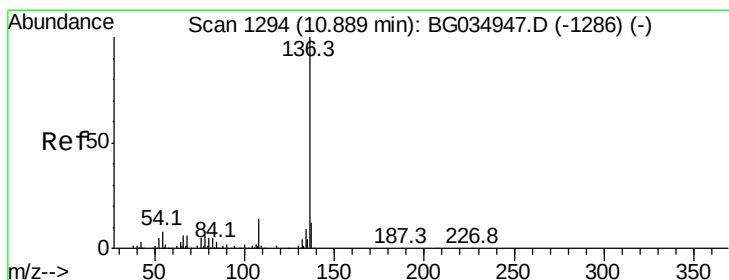
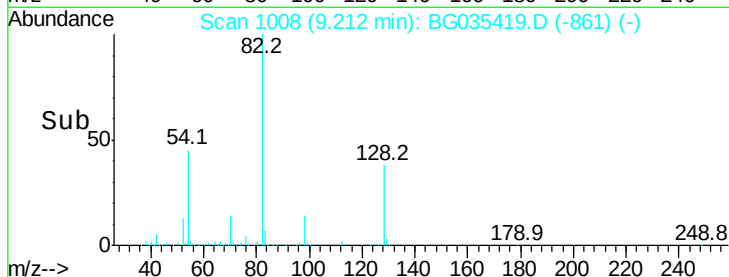
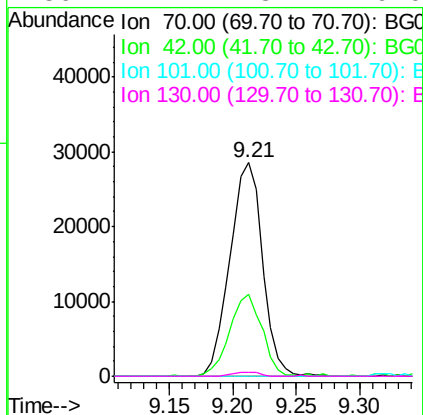
Ion Ratio Lower Upper

70 100

42 38.5 49.1 73.7#

101 0.0 8.5 12.7#

130 2.1 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: BG035419.D

Acq: 26 Jun 2018 20:51

Tgt Ion: 136 Resp: 190844

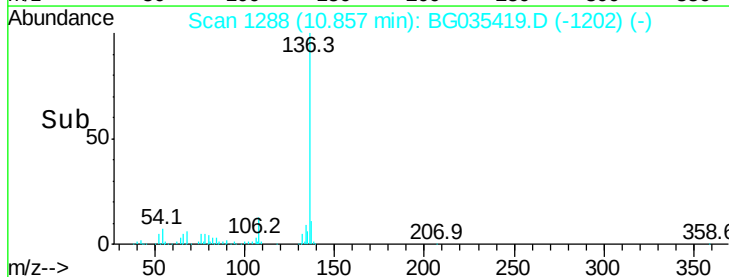
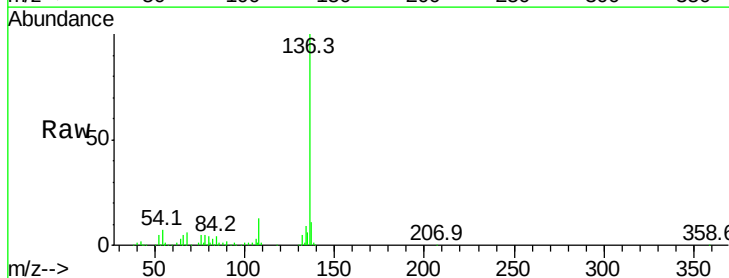
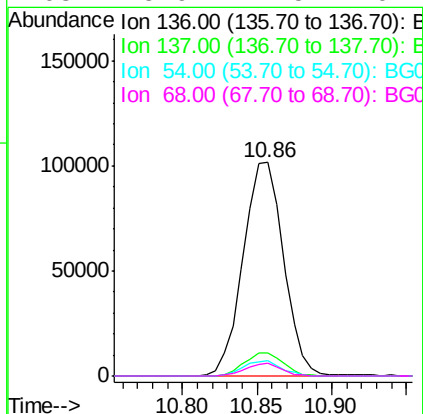
Ion Ratio Lower Upper

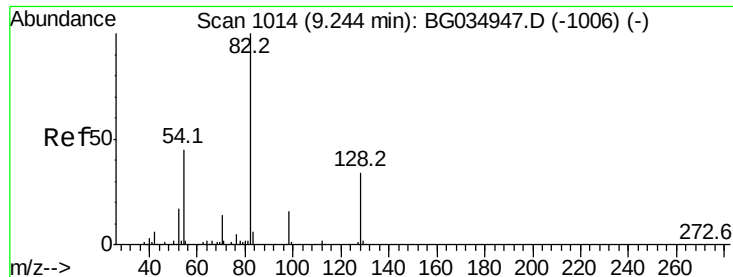
136 100

137 10.9 9.2 13.8

54 7.4 10.3 15.5#

68 5.9 4.5 6.7

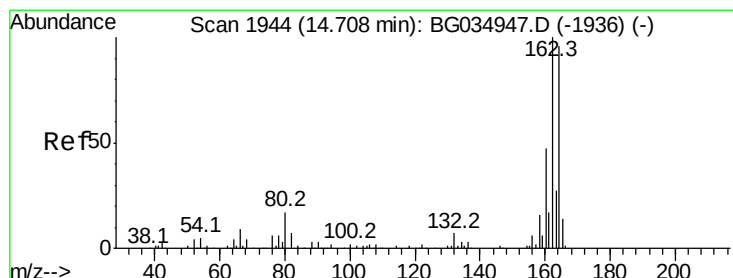
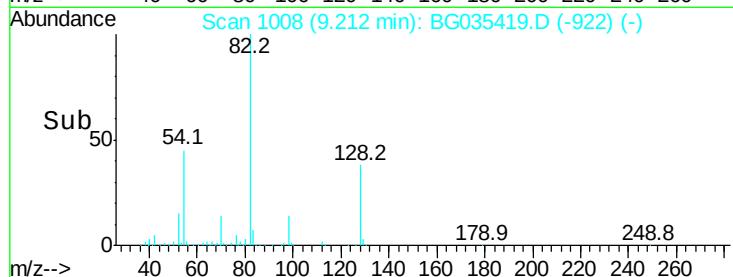
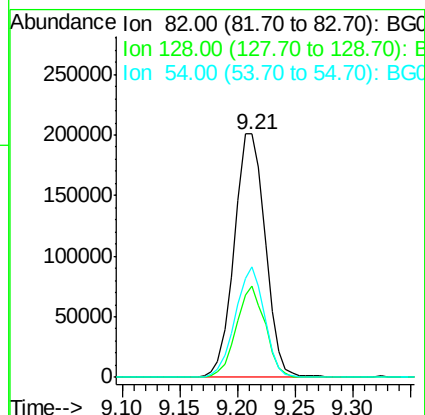
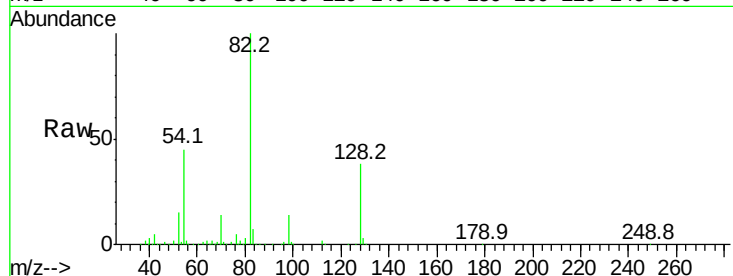




#23
 Nitrobenzene-d5
 Concen: 93.476 ng
 RT: 9.21 min Scan# 1008
 Delta R.T. -0.03 min
 Lab File: BG035419.D
 Acq: 26 Jun 2018 20:51

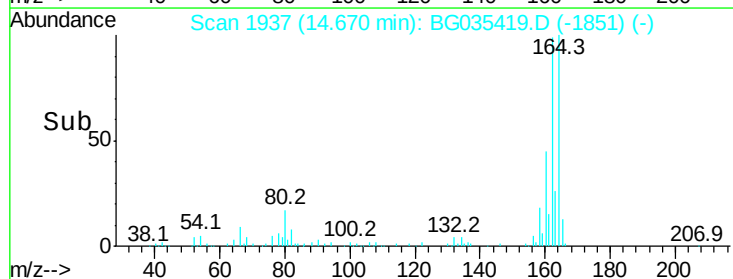
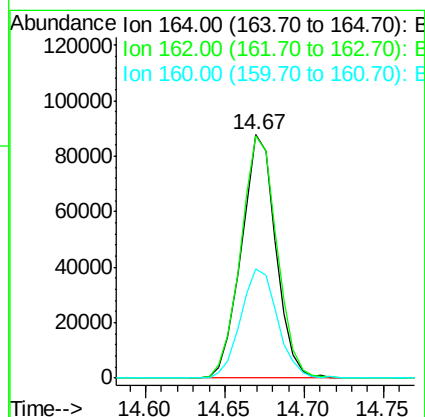
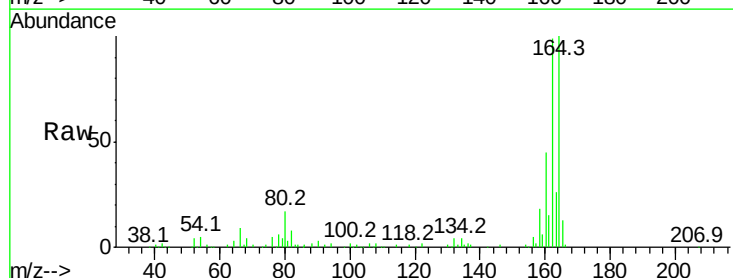
Instrument :
 BNA_G
 ClientSampled :

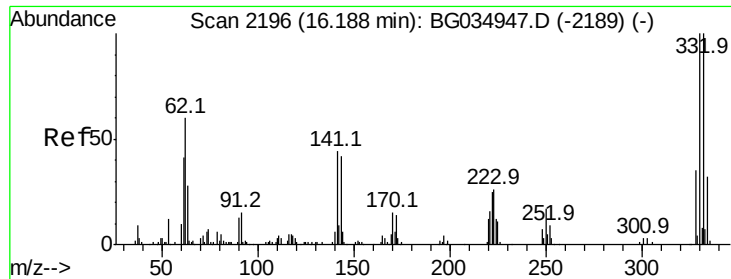
Tot Ion	Ratio	Lower	Upper
82	100		
128	37.6	29.7	44.5
54	45.3	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. -0.03 min
 Lab File: BG035419.D
 Acq: 26 Jun 2018 20:51

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.4	78.8	118.2
160	45.1	35.4	53.0

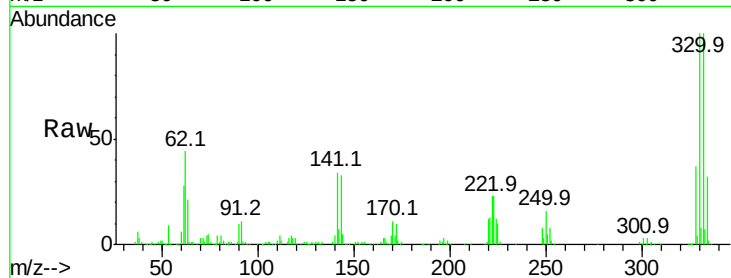




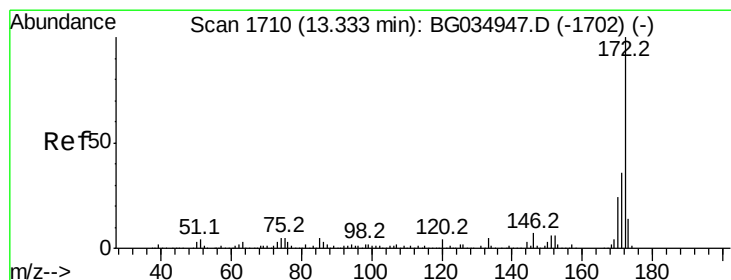
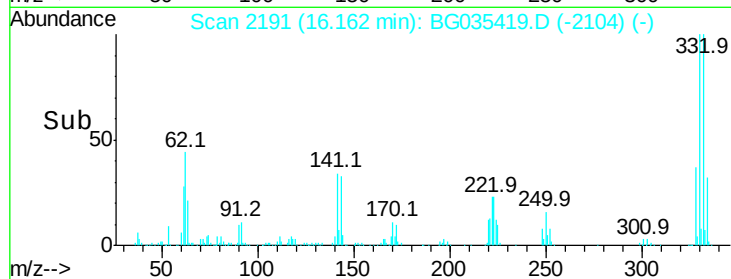
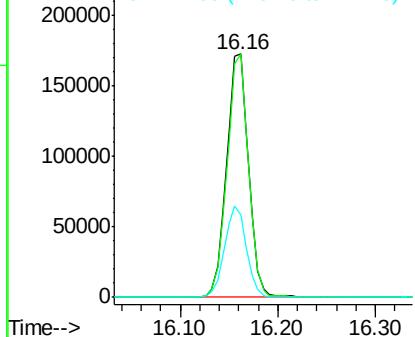
#41
 2,4,6-Tribromophenol
 Concen: 160.078 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.02 min
 Lab File: BG035419.D
 Acq: 26 Jun 2018 20:51

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	36.9	25.2	37.8

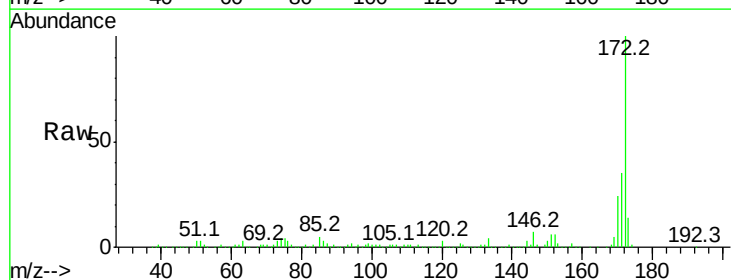


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

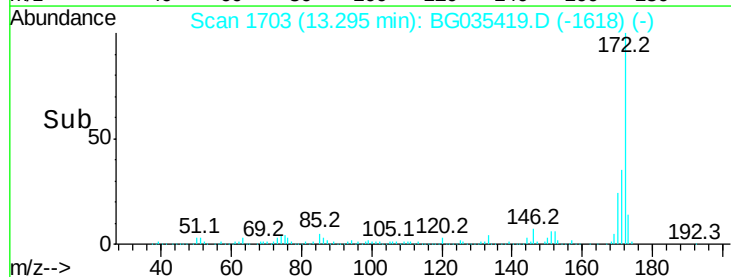
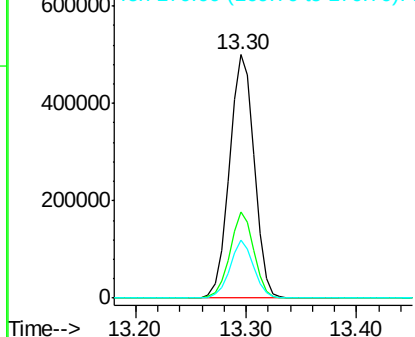


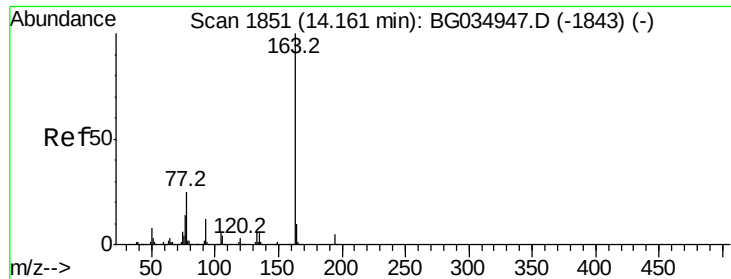
#44
 2-Fluorobiphenyl
 Concen: 77.984 ng
 RT: 13.30 min Scan# 1703
 Delta R.T. -0.03 min
 Lab File: BG035419.D
 Acq: 26 Jun 2018 20:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	30.0	45.0
170	23.7	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: 14.421 ng

RT: 14.12 min Scan# 1843

Delta R.T. -0.04 min

Lab File: BG035419.D

Acq: 26 Jun 2018 20:51

Instrument :

BNA_G

ClientSampleId :

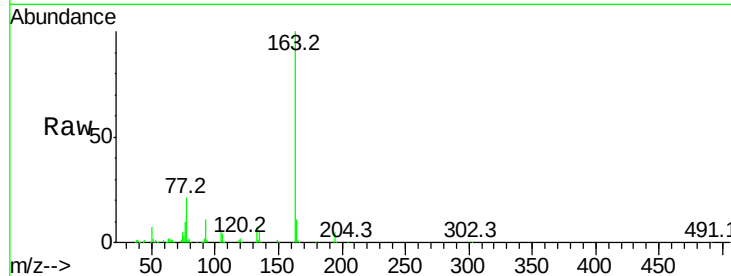
Tot Ion:163 Resp: 165202

Ion Ratio Lower Upper

163 100

194 4.7 3.4 5.2

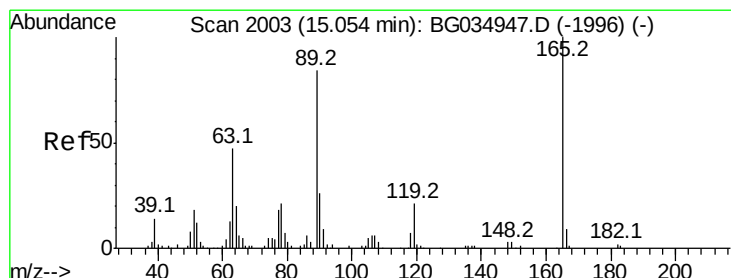
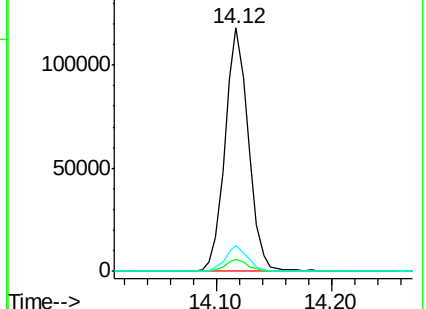
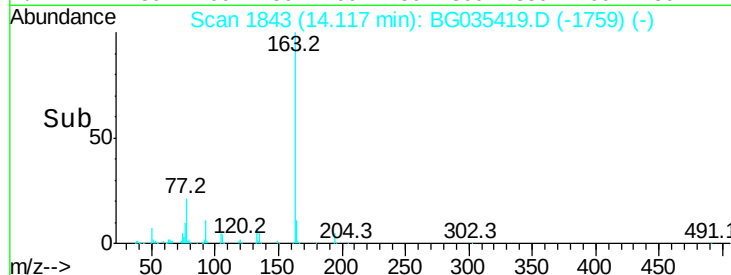
164 10.7 8.2 12.4



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: 6.868 ng

RT: 14.67 min Scan# 1937

Delta R.T. -0.38 min

Lab File: BG035419.D

Acq: 26 Jun 2018 20:51

Tgt Ion:165 Resp: 19068

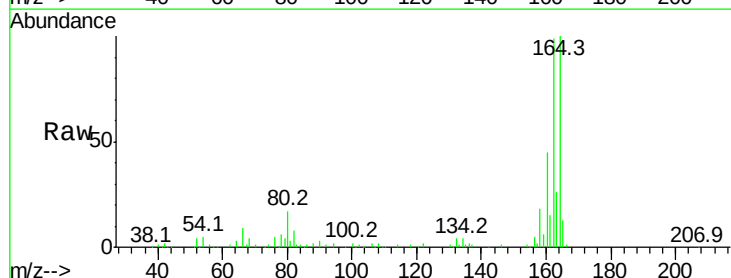
Ion Ratio Lower Upper

165 100

63 0.0 42.0 63.0#

89 0.0 66.9 100.3#

182 0.0 2.6 3.8#

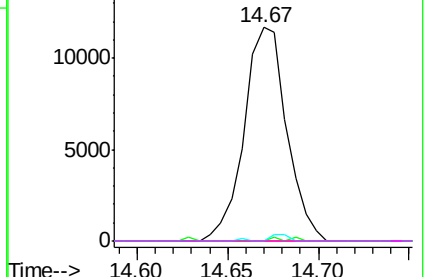
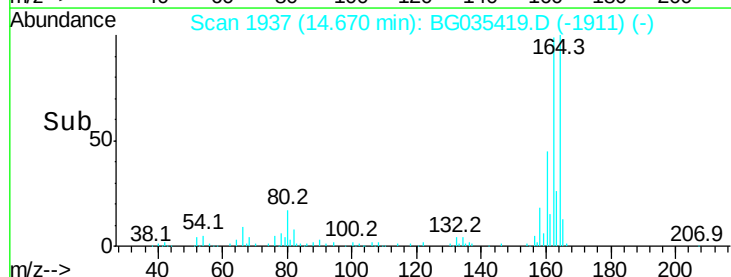


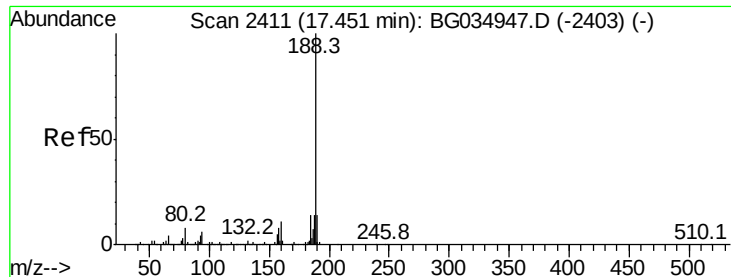
Abundance Ion 165.00 (164.70 to 165.70): E

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: 17.41 min Scan# 2404

Delta R.T. -0.03 min

Lab File: BG035419.D

Acq: 26 Jun 2018 20:51

Instrument :

BNA_G

ClientSampleId :

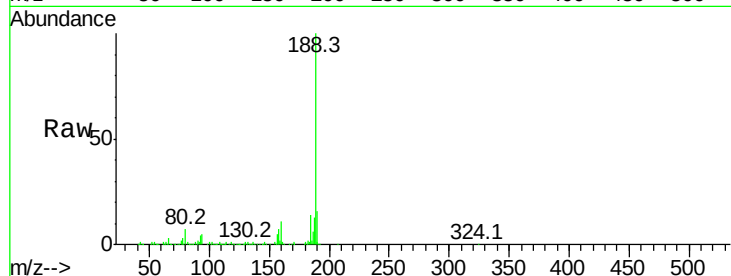
Tot Ion:188 Resp: 360122

Ion Ratio Lower Upper

188 100

94 5.4 6.9 10.3#

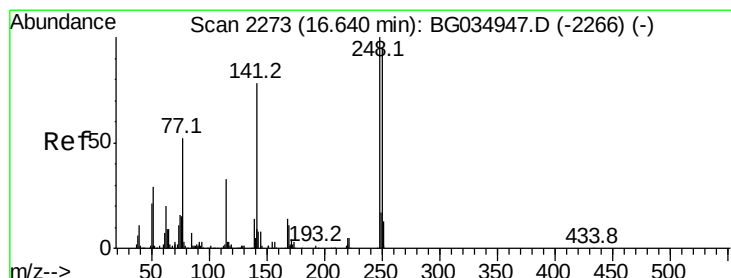
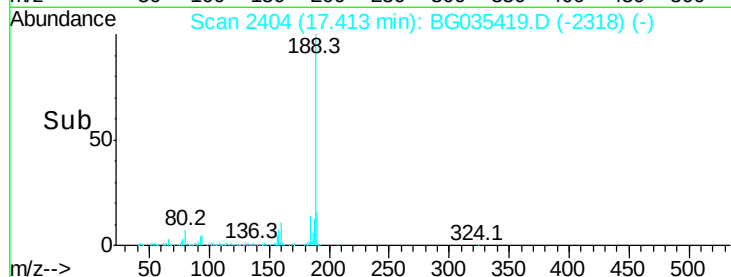
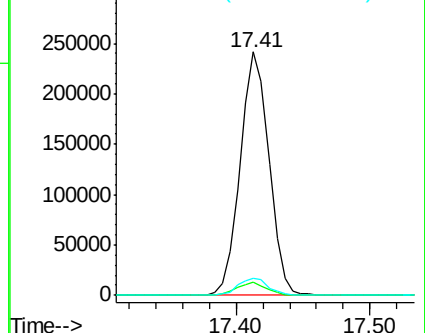
80 7.0 7.7 11.5#



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: 5.066 ng

RT: 16.16 min Scan# 2190

Delta R.T. -0.48 min

Lab File: BG035419.D

Acq: 26 Jun 2018 20:51

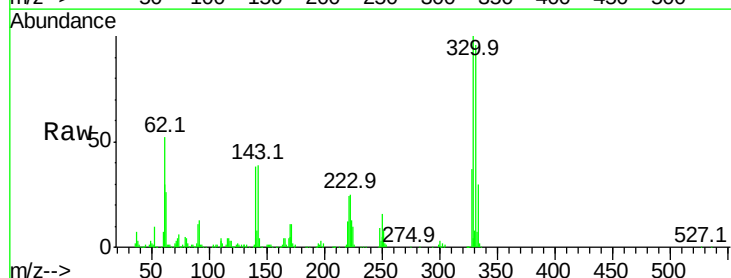
Tgt Ion:248 Resp: 21972

Ion Ratio Lower Upper

248 100

250 183.2 77.1 115.7#

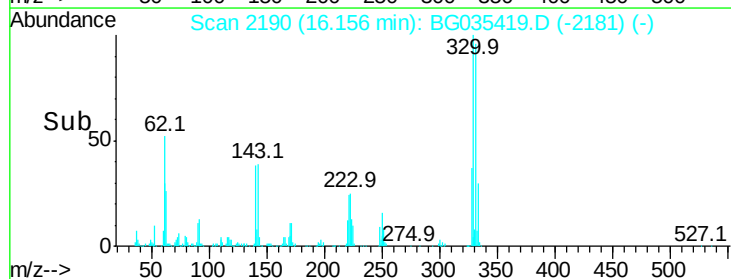
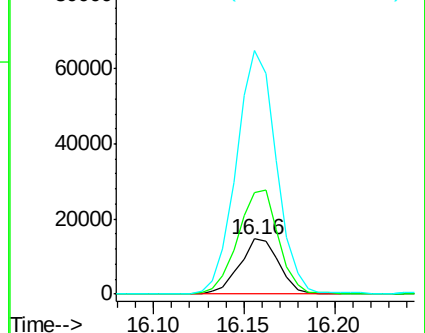
141 441.0 50.8 76.2#

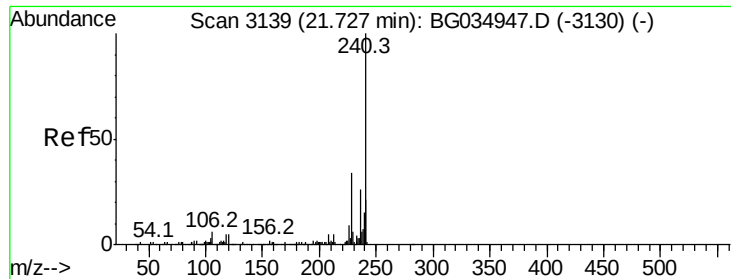


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3130

Delta R.T. -0.04 min

Lab File: BG035419.D

Acq: 26 Jun 2018 20:51

Instrument :

BNA_G

ClientSampleId :

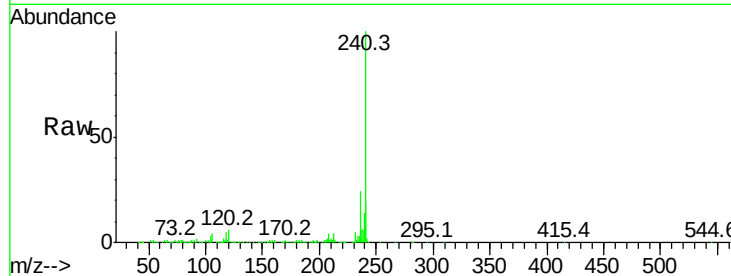
Tot Ion:240 Resp: 378905

Ion Ratio Lower Upper

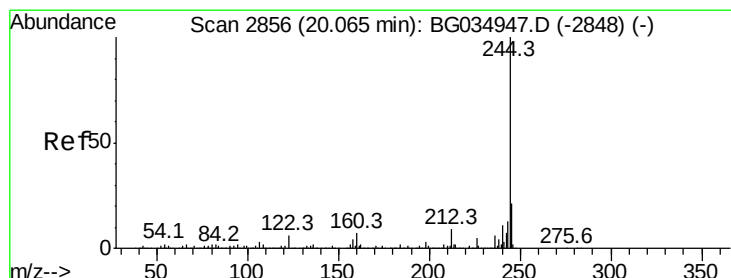
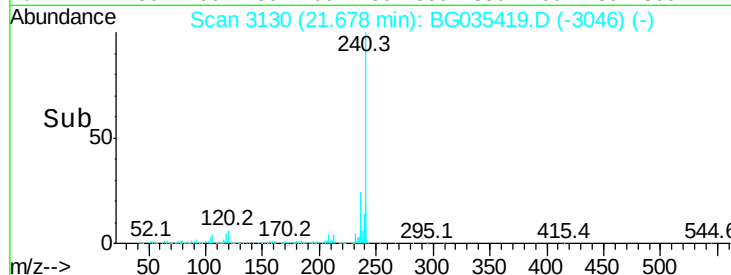
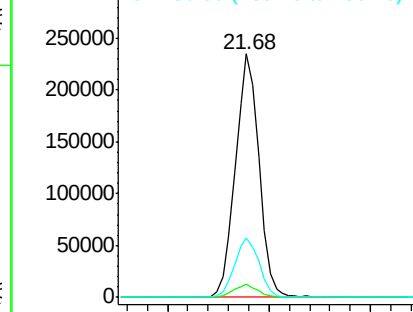
240 100

120 5.5 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: 77.003 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.03 min

Lab File: BG035419.D

Acq: 26 Jun 2018 20:51

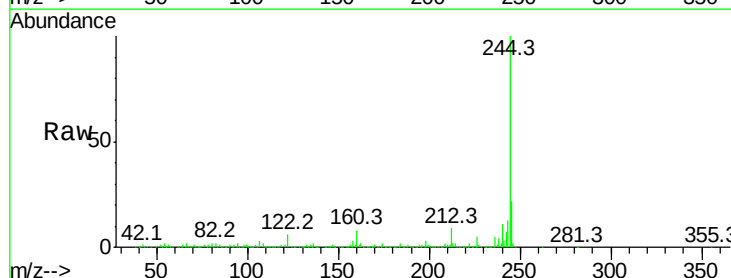
Tgt Ion:244 Resp: 1392912

Ion Ratio Lower Upper

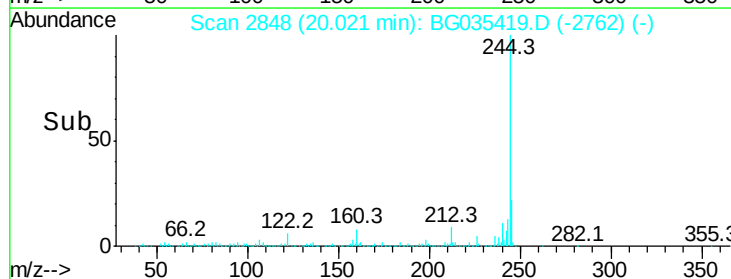
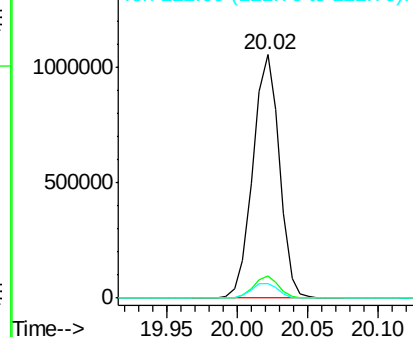
244 100

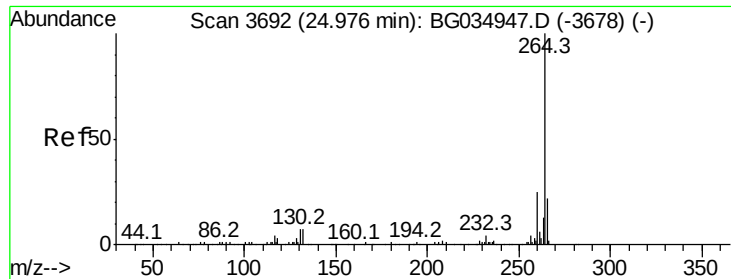
212 9.3 5.8 8.8#

122 5.9 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: 24.89 min Scan# 3677
Delta R.T. -0.06 min
Lab File: BG035419.D
Acq: 26 Jun 2018 20:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.4	17.4	26.0
265	22.3	17.7	26.5

