

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062618\
 Data File : BG035418.D
 Acq On : 26 Jun 2018 20:13
 Operator : JU/SJ
 Sample : J3665-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 27 02:54:54 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

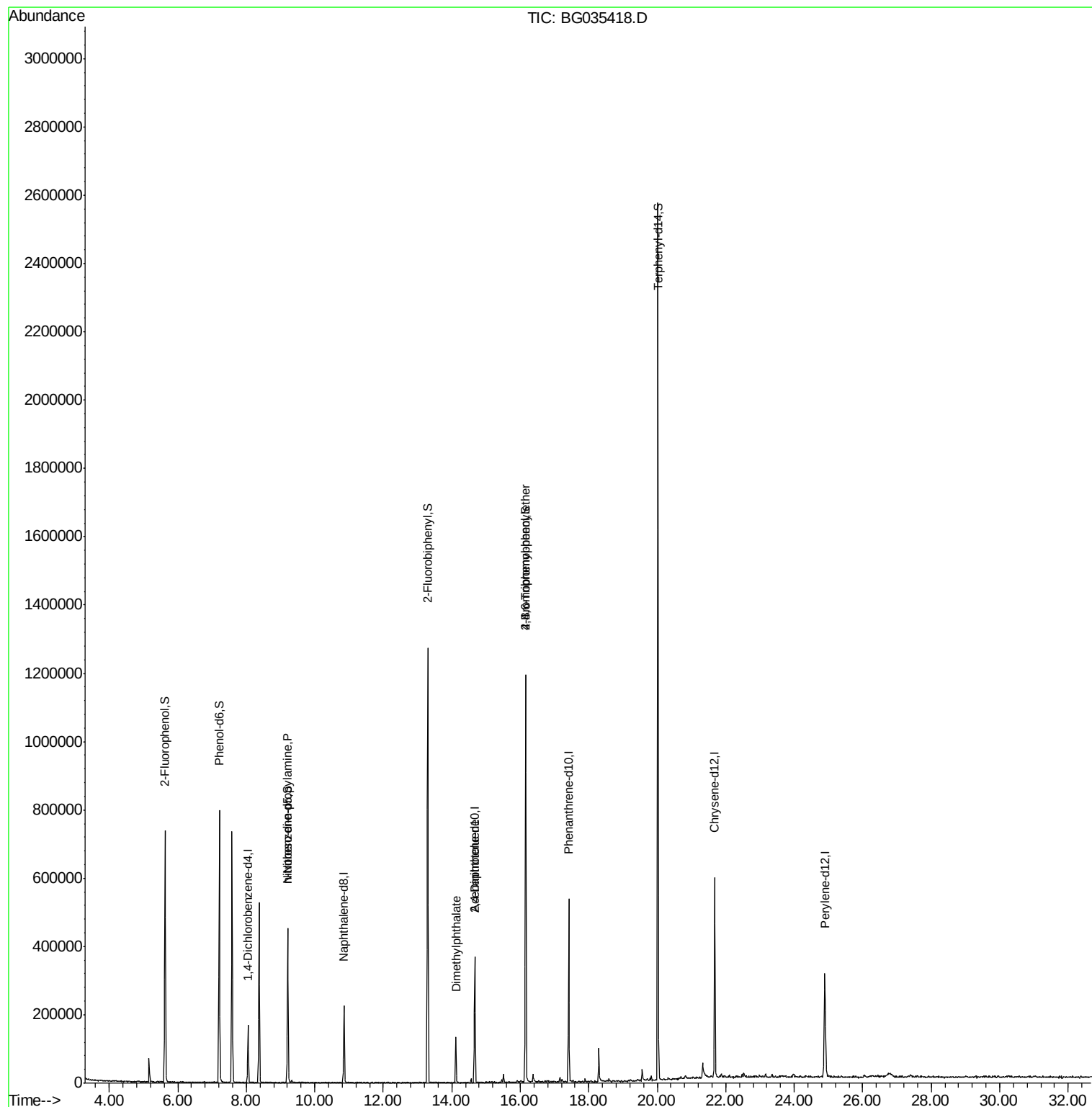
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	49193	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	185246	20.00	ng	-0.03
38) Acenaphthene-d10	14.67	164	131697	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	340732	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	371804	20.00	ng	-0.04
86) Perylene-d12	24.89	264	358796	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	314497	107.89	ng	-0.02
7) Phenol-d6	7.21	99	488265	113.49	ng	-0.01
23) Nitrobenzene-d5	9.21	82	304610	78.16	ng	-0.03
41) 2,4,6-Tribromophenol	16.16	330	224965	133.44	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	702608	69.36	ng	-0.03
78) Terphenyl-d14	20.02	244	1301449	73.32	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	42478	11.621	ng	# 68
49) Dimethylphthalate	14.12	163	91712	7.986	ng	# 99
56) 2,4-Dinitrotoluene	14.67	165	17448	6.269	ng	# 18
66) 4-Bromophenyl-phenylether	16.16	248	18142	4.421	ng	# 1

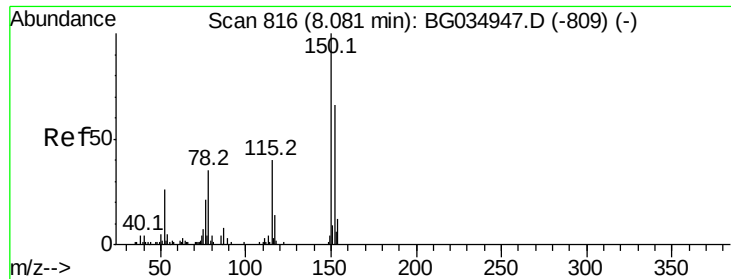
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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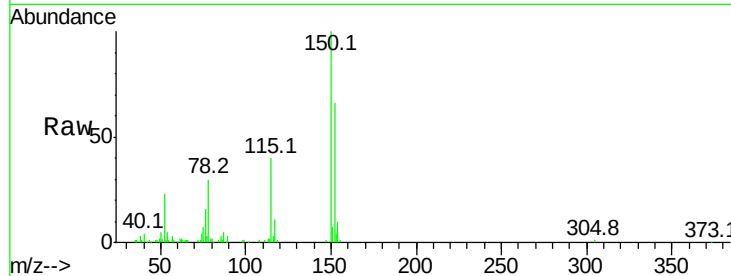


#1

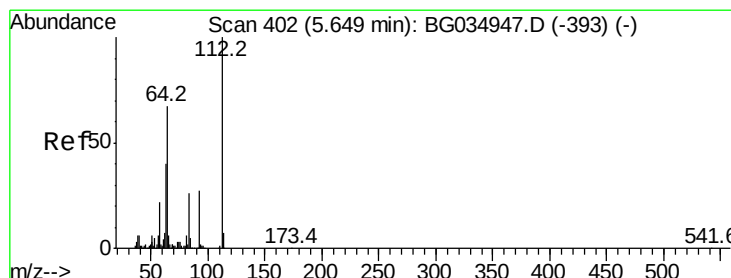
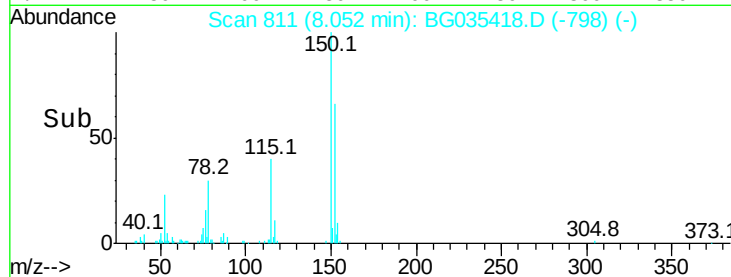
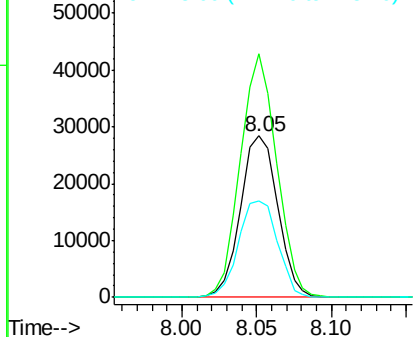
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.02 min
Lab File: BG035418.D
Acq: 26 Jun 2018 20:13

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.7	126.6	189.8
115	59.6	53.0	79.4



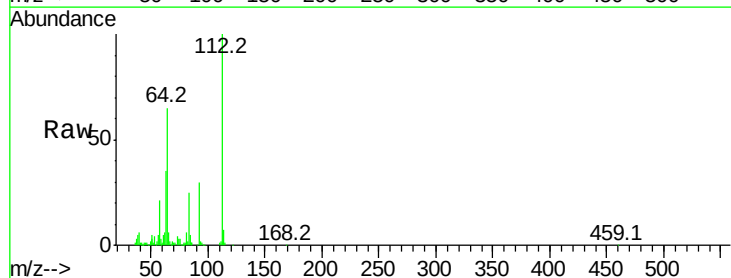
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



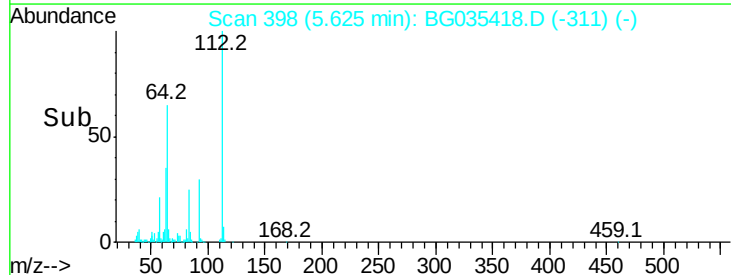
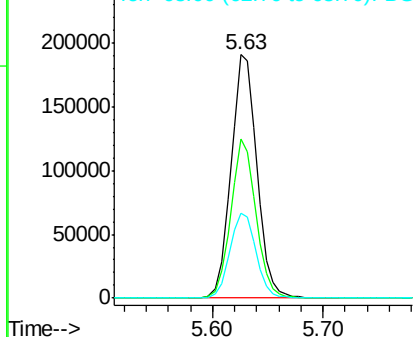
#5

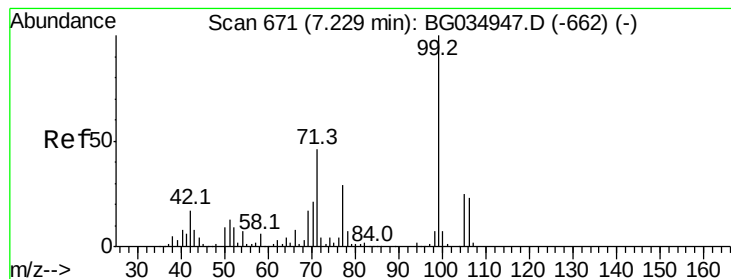
2-Fluorophenol
Concen: 107.891 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.02 min
Lab File: BG035418.D
Acq: 26 Jun 2018 20:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.2	56.3	84.5
63	34.8	30.1	45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 113.489 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035418.D

Acq: 26 Jun 2018 20:13

Instrument :

BNA_G

ClientSampleId :

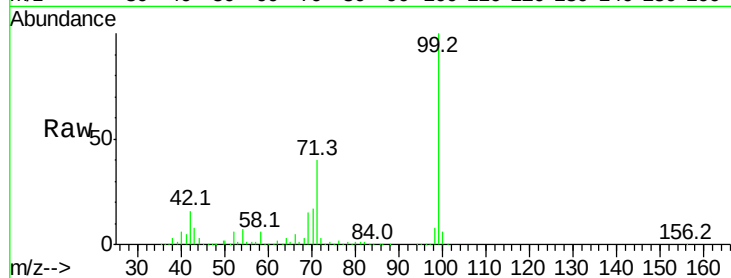
Tot Ion: 99 Resp: 488265

Ion Ratio Lower Upper

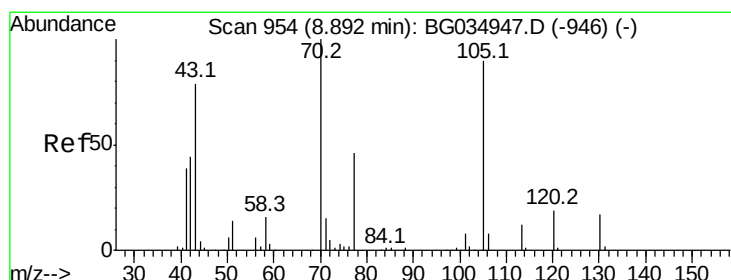
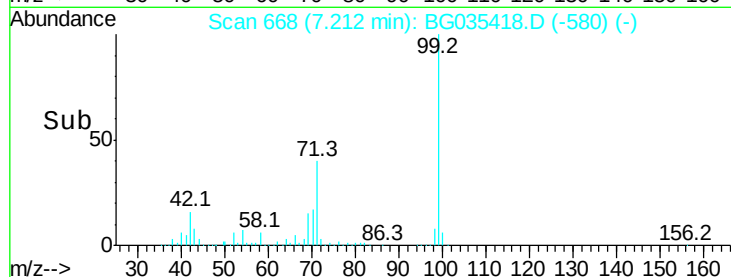
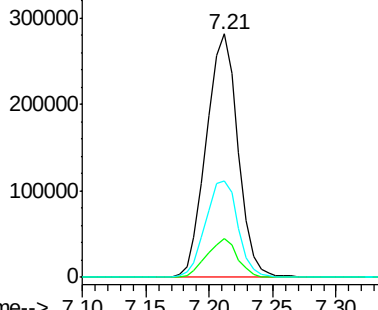
99 100

42 16.0 14.1 21.1

71 39.6 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



#19

n-Nitroso-di-n-propylamine

Concen: 11.621 ng

RT: 9.21 min Scan# 1008

Delta R.T. 0.33 min

Lab File: BG035418.D

Acq: 26 Jun 2018 20:13

Tgt Ion: 70 Resp: 42478

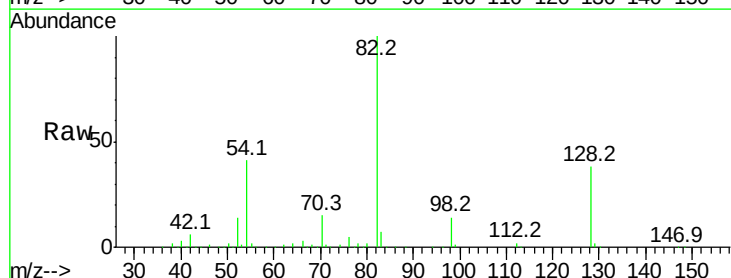
Ion Ratio Lower Upper

70 100

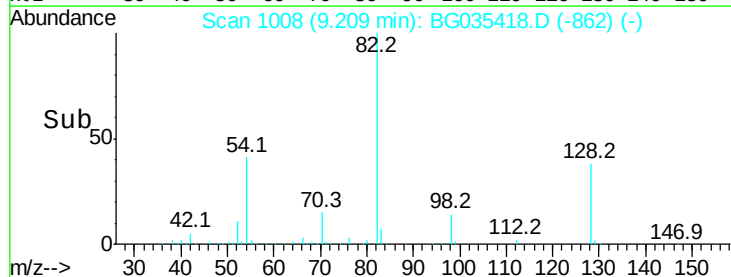
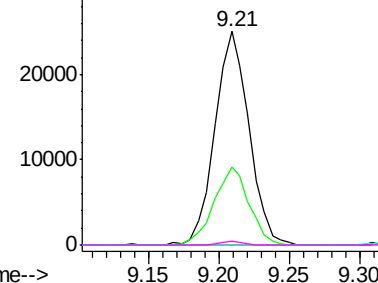
42 36.7 49.1 73.7#

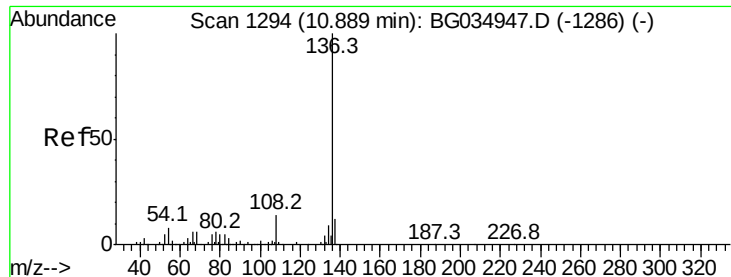
101 0.0 8.5 12.7#

130 1.8 13.4 20.0#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

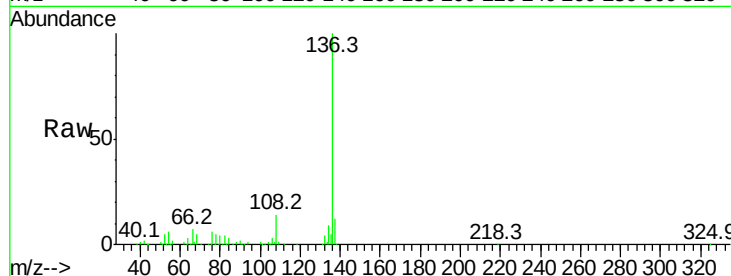




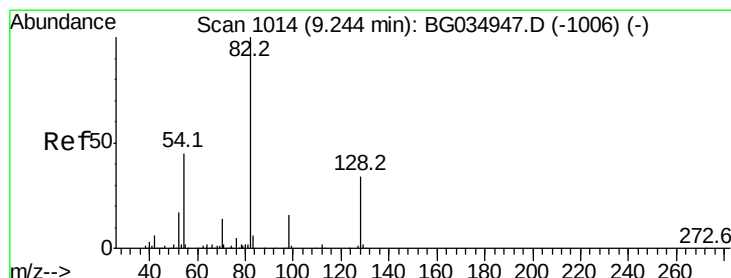
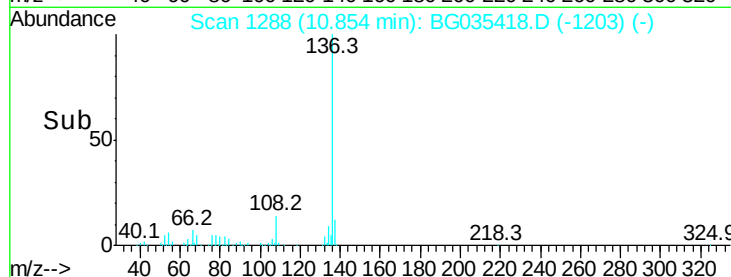
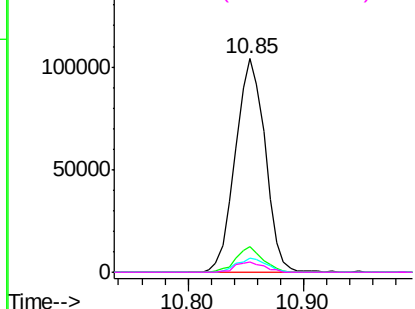
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1288
Delta R.T. -0.03 min
Lab File: BG035418.D
Acq: 26 Jun 2018 20:13

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	185246
Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.2	13.8
54	6.5	10.3	15.5#
68	4.6	4.5	6.7

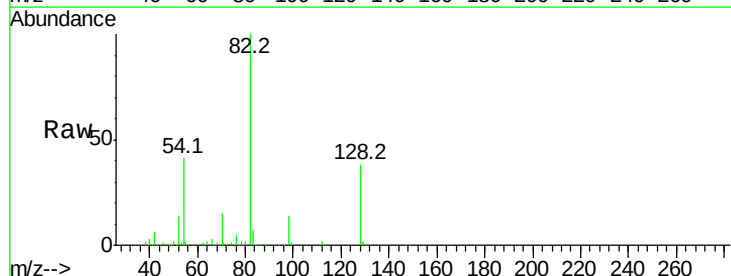


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

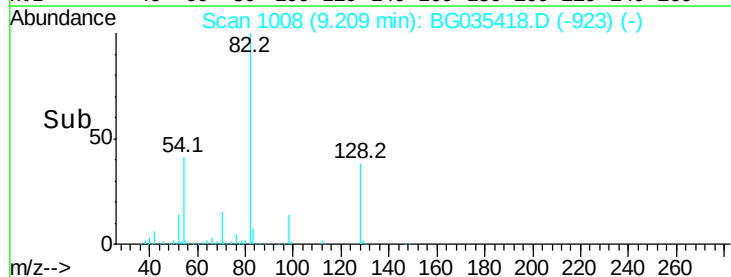
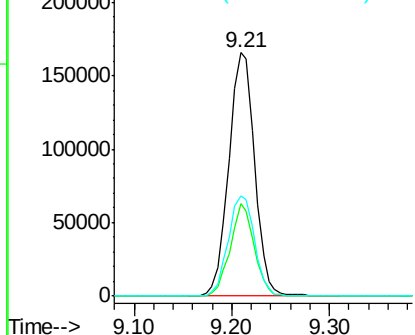


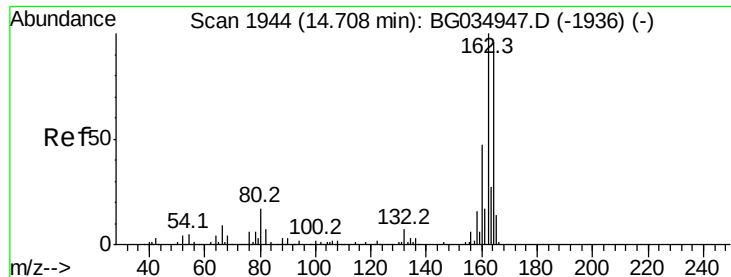
#23
Nitrobenzene-d5
Concen: 78.163 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.03 min
Lab File: BG035418.D
Acq: 26 Jun 2018 20:13

Tgt Ion:	82	Resp:	304610
Ion	Ratio	Lower	Upper
82	100		
128	38.1	29.7	44.5
54	41.1	43.1	64.7#



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1938

Delta R.T. -0.02 min

Lab File: BG035418.D

Acq: 26 Jun 2018 20:13

Instrument :

BNA_G

ClientSampleId :

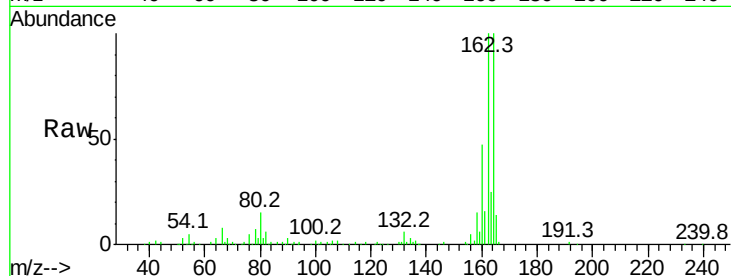
Tot Ion:164 Resp: 131697

Ion Ratio Lower Upper

164 100

162 100.4 78.8 118.2

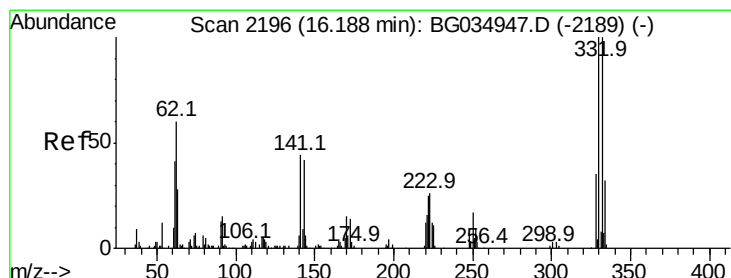
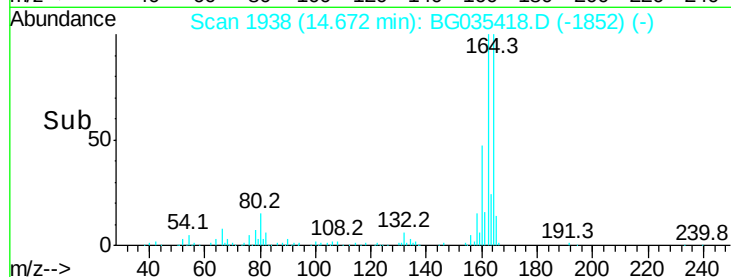
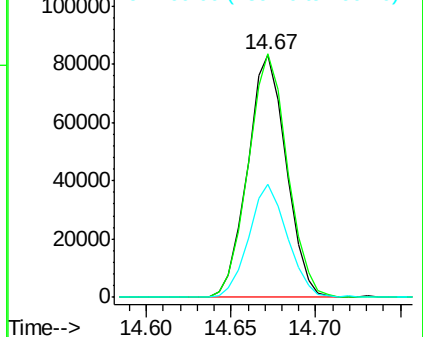
160 46.9 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 133.440 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.02 min

Lab File: BG035418.D

Acq: 26 Jun 2018 20:13

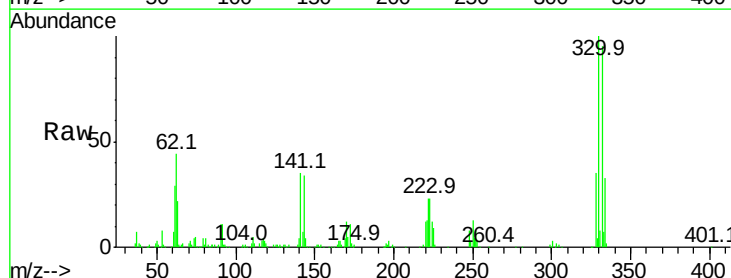
Tgt Ion:330 Resp: 224965

Ion Ratio Lower Upper

330 100

332 96.2 77.0 115.6

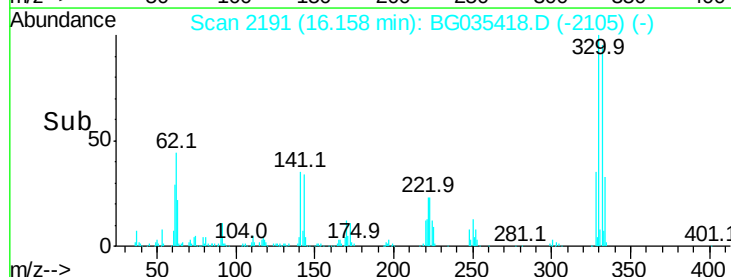
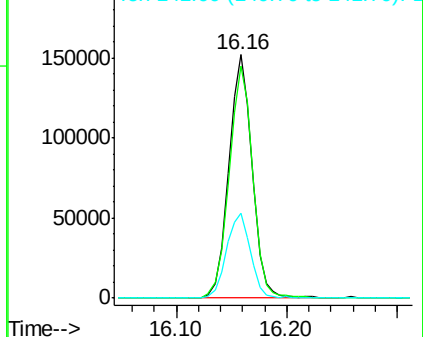
141 35.7 25.2 37.8

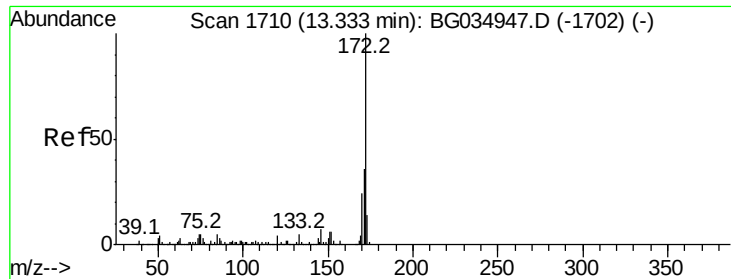


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 69.355 ng

RT: 13.30 min Scan# 1704

Delta R.T. -0.03 min

Lab File: BG035418.D

Acq: 26 Jun 2018 20:13

Instrument :

BNA_G

ClientSampleId :

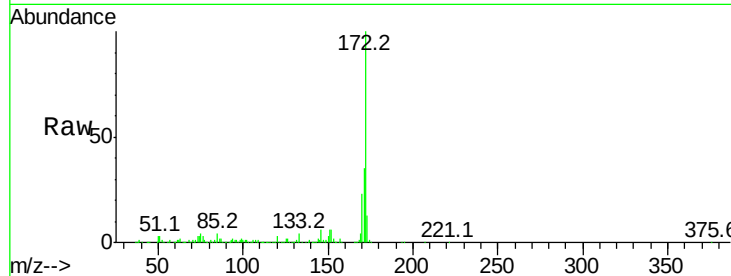
Tot Ion:172 Resp: 702608

Ion Ratio Lower Upper

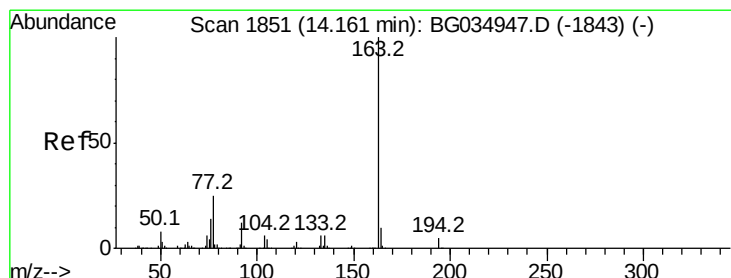
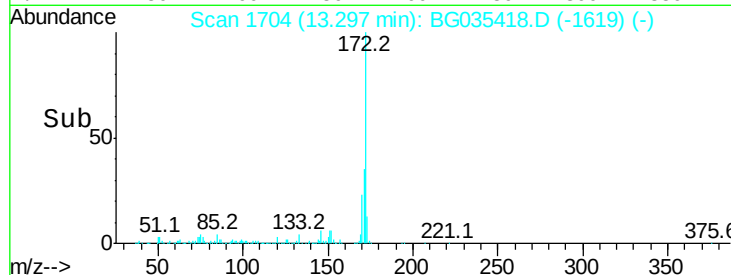
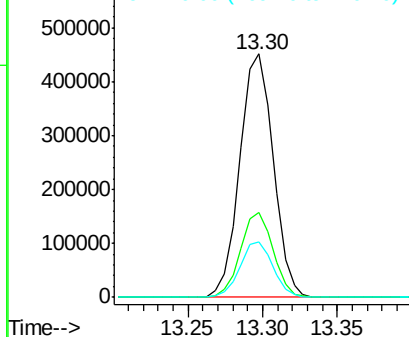
172 100

171 34.8 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: 7.986 ng

RT: 14.12 min Scan# 1844

Delta R.T. -0.04 min

Lab File: BG035418.D

Acq: 26 Jun 2018 20:13

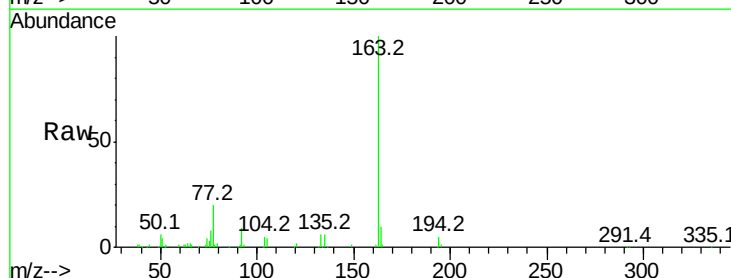
Tgt Ion:163 Resp: 91712

Ion Ratio Lower Upper

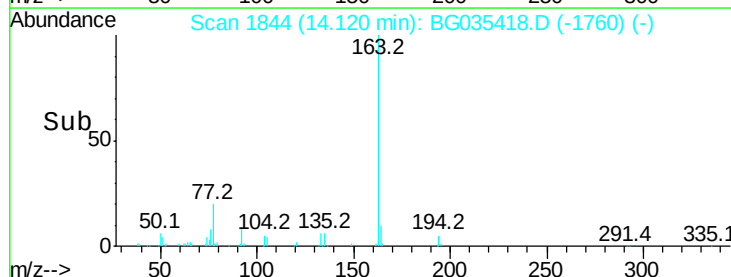
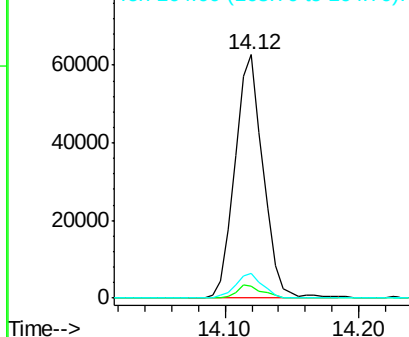
163 100

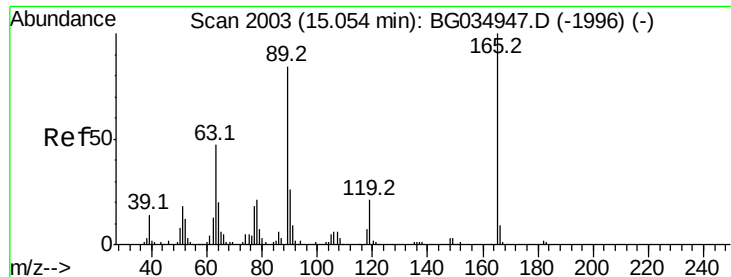
194 5.1 3.4 5.2

164 10.4 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

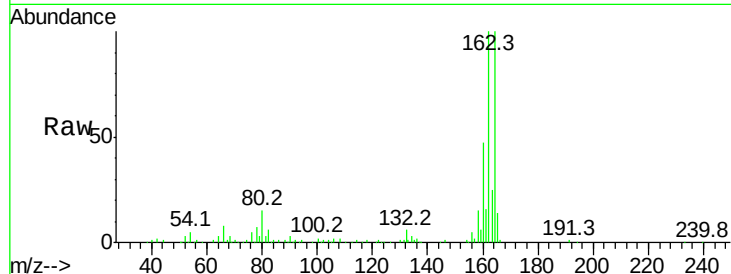




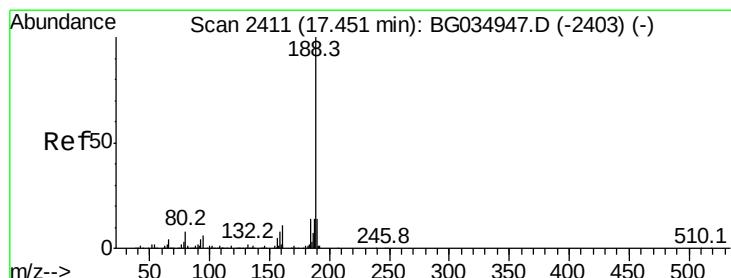
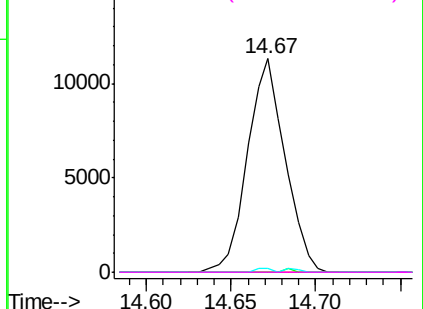
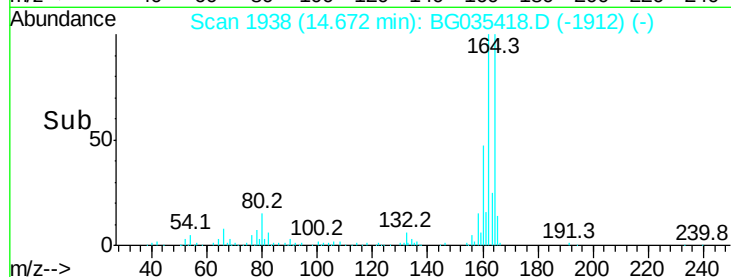
#56
 2,4-Dinitrotoluene
 Concen: 6.269 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. -0.38 min
 Lab File: BG035418.D
 Acq: 26 Jun 2018 20:13

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 17448
 Ion Ratio Lower Upper
 165 100
 63 0.0 42.0 63.0#
 89 1.9 66.9 100.3#
 182 0.0 2.6 3.8#

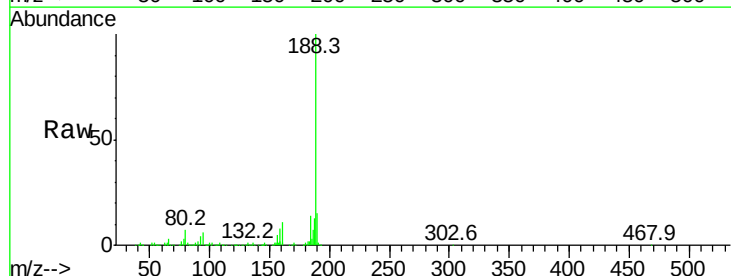


Abundance Ion 165.00 (164.70 to 165.70): E

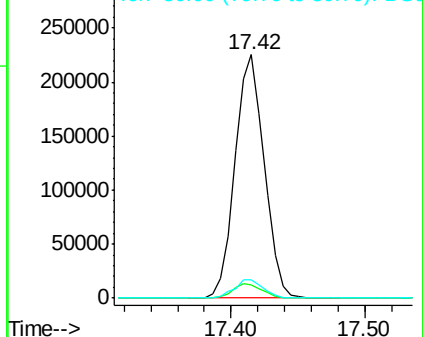
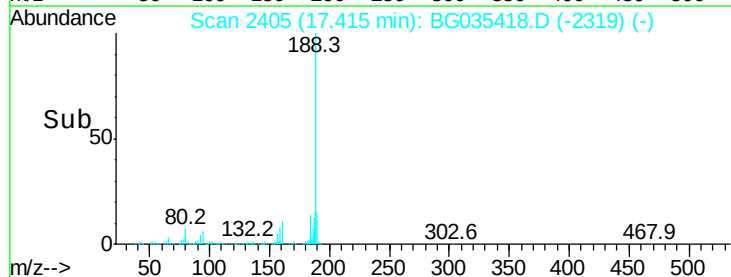


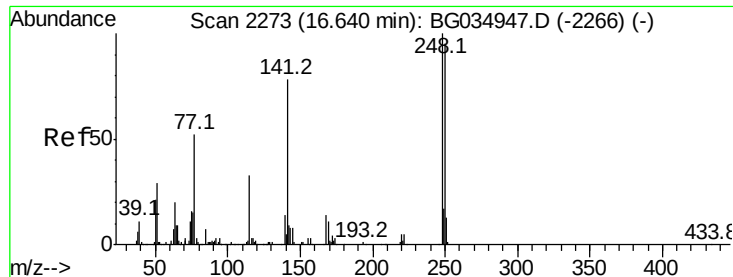
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2405
 Delta R.T. -0.02 min
 Lab File: BG035418.D
 Acq: 26 Jun 2018 20:13

Tgt Ion:188 Resp: 340732
 Ion Ratio Lower Upper
 188 100
 94 5.6 6.9 10.3#
 80 7.3 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

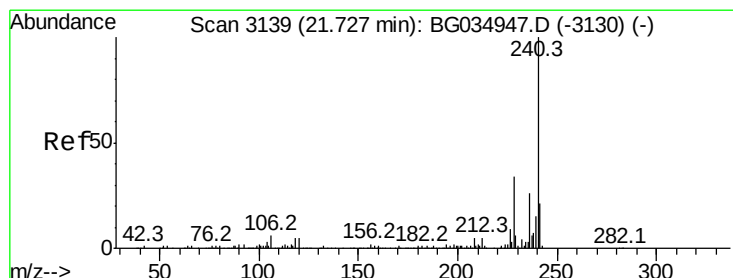
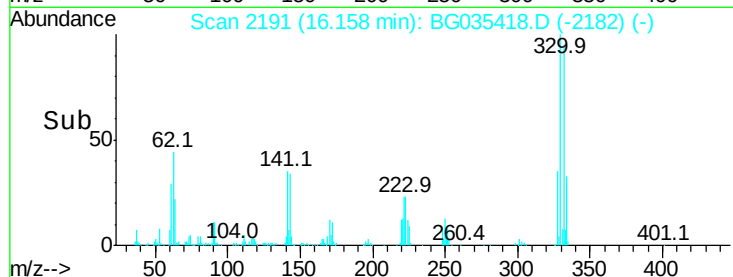
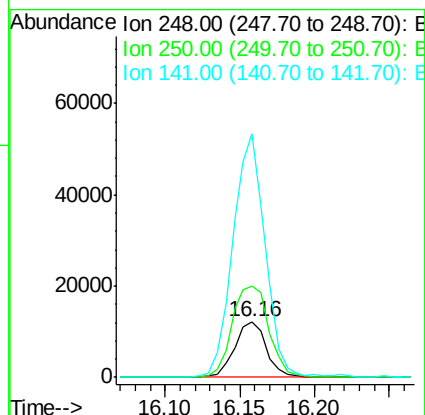
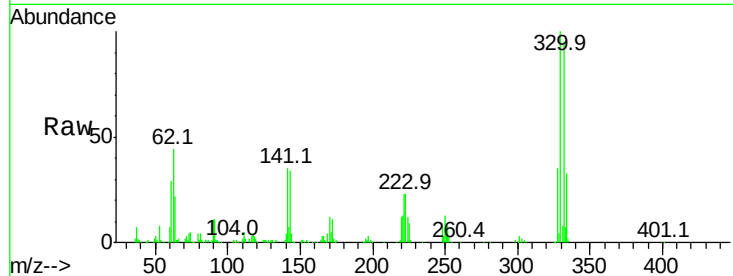




#66
 4-Bromophenyl-phenylether
 Concen: 4.421 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.48 min
 Lab File: BG035418.D
 Acq: 26 Jun 2018 20:13

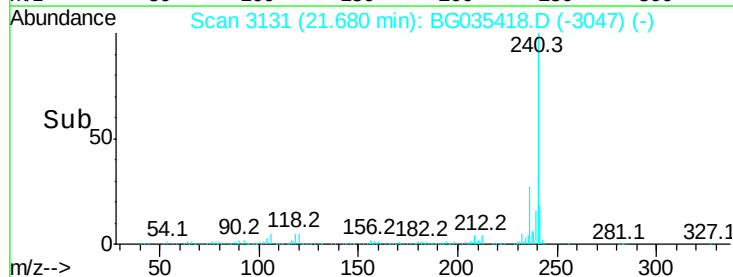
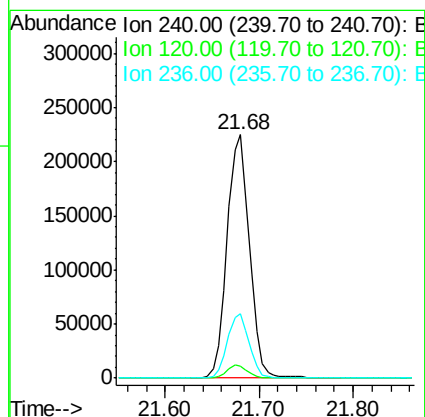
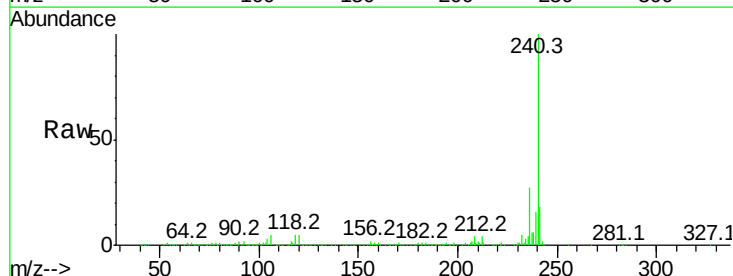
Instrument :
 BNA_G
 ClientSampleId :

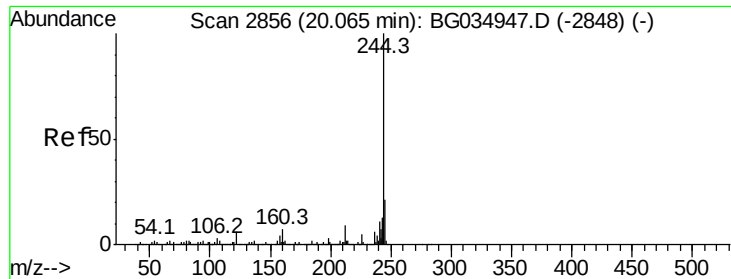
Tot Ion:248 Resp: 18142
 Ion Ratio Lower Upper
 248 100
 250 165.3 77.1 115.7#
 141 437.7 50.8 76.2#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3131
 Delta R.T. -0.04 min
 Lab File: BG035418.D
 Acq: 26 Jun 2018 20:13

Tgt Ion:240 Resp: 371804
 Ion Ratio Lower Upper
 240 100
 120 4.9 6.8 10.2#
 236 26.7 20.9 31.3





#78

Terphenyl-d14

Concen: 73.321 ng

RT: 20.02 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BG035418.D

Acq: 26 Jun 2018 20:13

Instrument :

BNA_G

ClientSampleId :

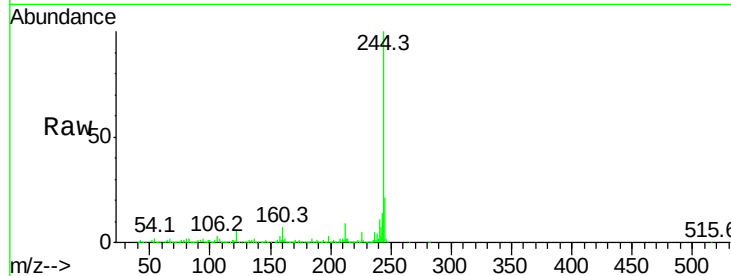
Tot Ion:244 Resp: 1301449

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

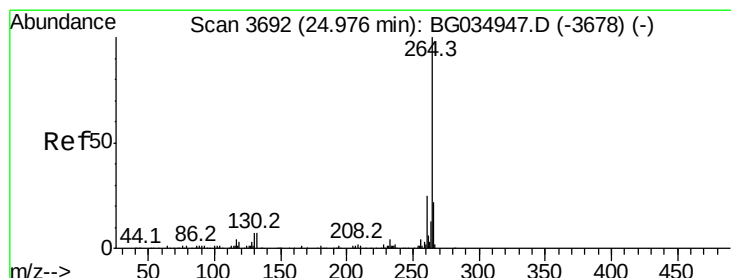
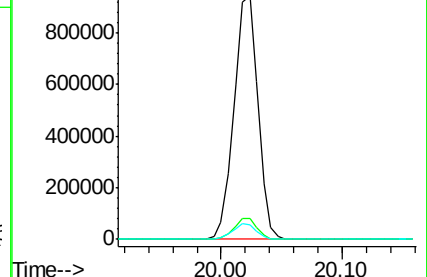
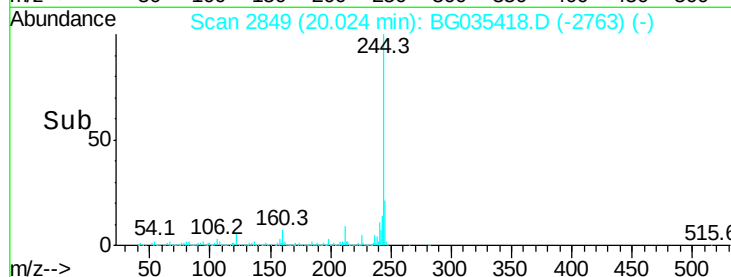
122 5.7 7.0 10.4#



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: 24.89 min Scan# 3678

Delta R.T. -0.06 min

Lab File: BG035418.D

Acq: 26 Jun 2018 20:13

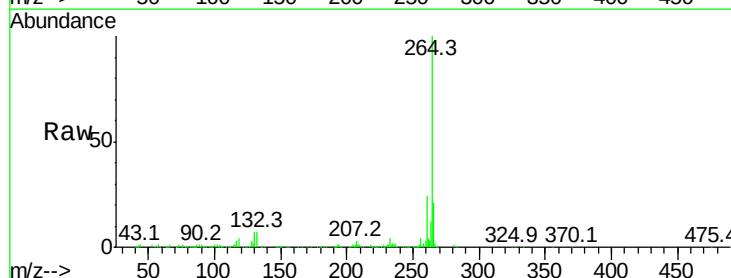
Tgt Ion:264 Resp: 358796

Ion Ratio Lower Upper

264 100

260 24.1 17.4 26.0

265 21.3 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

