

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061518\
 Data File : BG035181.D
 Acq On : 15 Jun 2018 21:01
 Operator : SJ/JU
 Sample : J3464-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 15 23:50:11 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

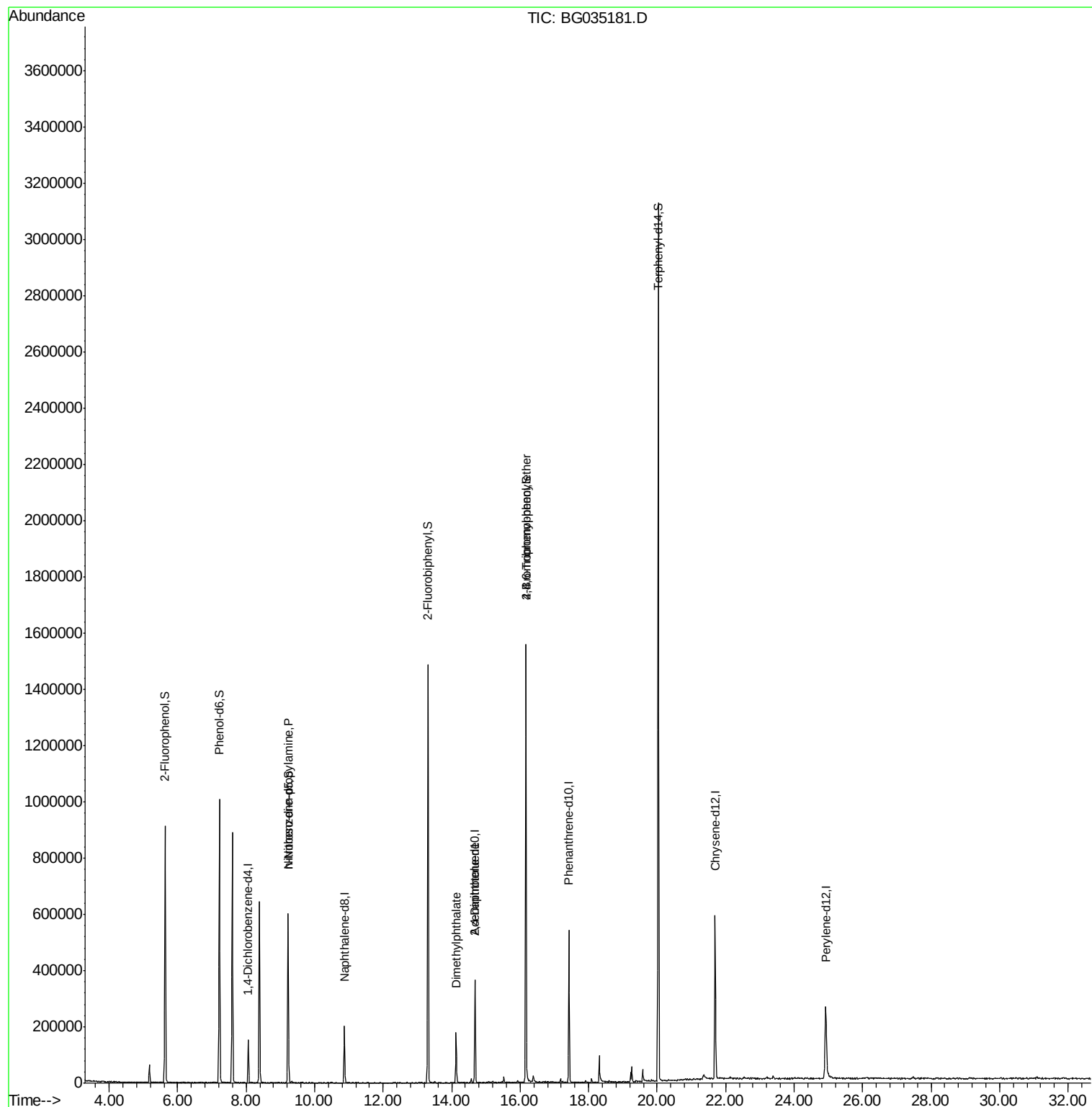
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	40437	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	166027	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	124081	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	351497	20.00	ng	-0.02
75) Chrysene-d12	21.70	240	378496	20.00	ng	-0.02
86) Perylene-d12	24.93	264	333977	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	388298	162.05	ng	0.00
7) Phenol-d6	7.22	99	597595	168.98	ng	0.00
23) Nitrobenzene-d5	9.22	82	389003	111.37	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	284949	179.39	ng	-0.02
44) 2-Fluorobiphenyl	13.31	172	820303	85.94	ng	-0.02
78) Terphenyl-d14	20.03	244	1492536	82.60	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	53855	17.924	ng	# 67
49) Dimethylphthalate	14.13	163	114799	10.610	ng	# 98
56) 2,4-Dinitrotoluene	14.69	165	16288	6.212	ng	# 19
66) 4-Bromophenyl-phenylether	16.17	248	23245	5.492	ng	# 1

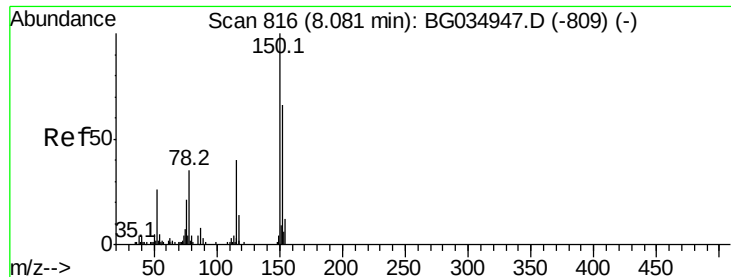
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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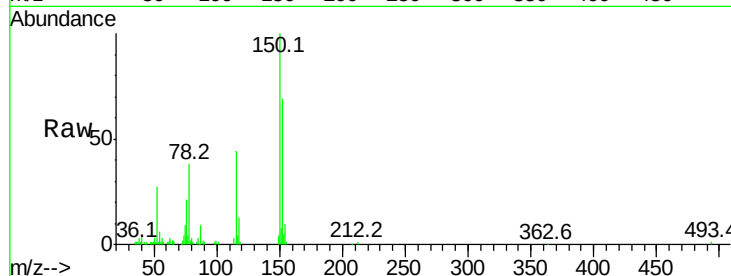


#1

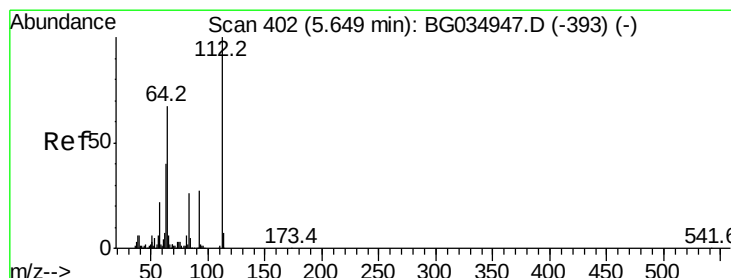
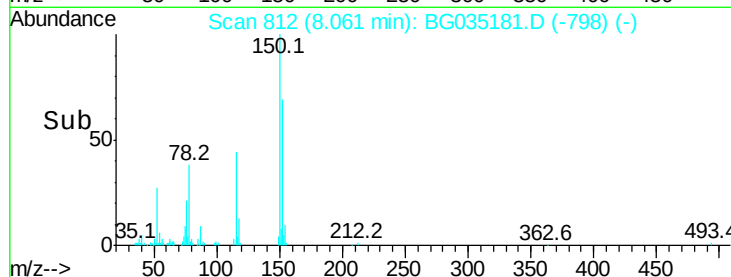
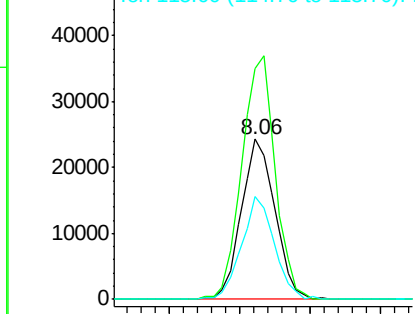
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.02 min
Lab File: BG035181.D
Acq: 15 Jun 2018 21:01

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	144.3	126.6	189.8
115	63.9	53.0	79.4



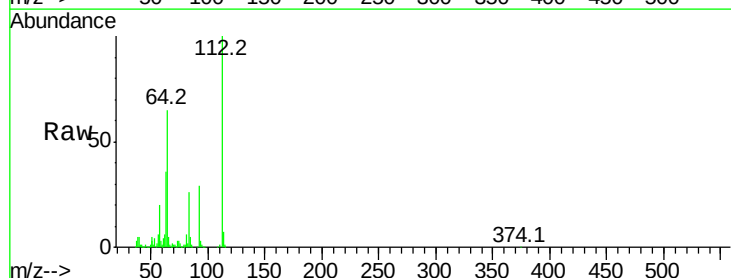
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



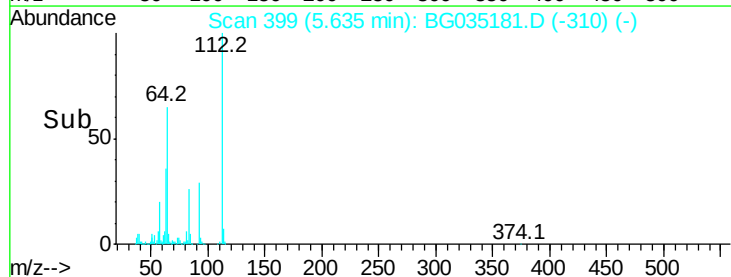
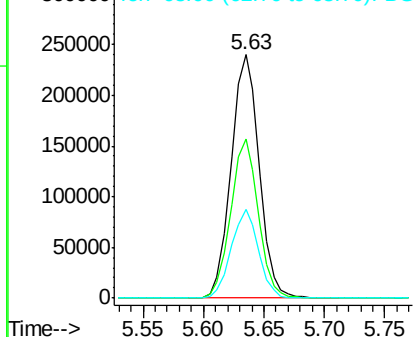
#5

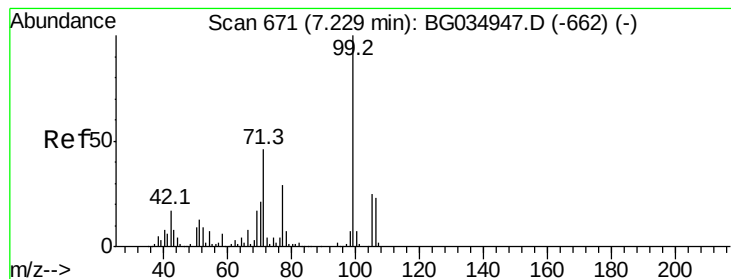
2-Fluorophenol
Concen: 162.053 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG035181.D
Acq: 15 Jun 2018 21:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.1	56.3	84.5
63	36.2	30.1	45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 168.978 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG035181.D

Acq: 15 Jun 2018 21:01

Instrument :

BNA_G

ClientSampleId :

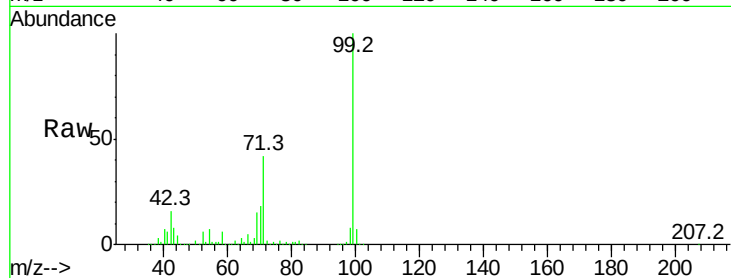
Tot Ion: 99 Resp: 597595

Ion Ratio Lower Upper

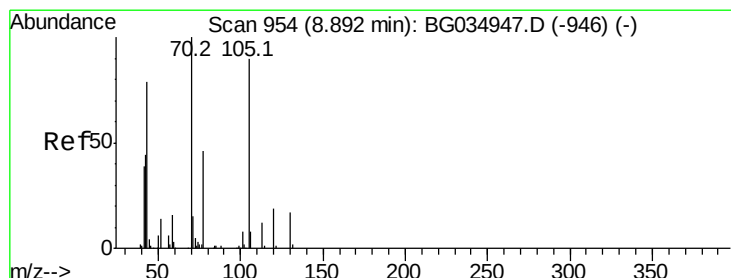
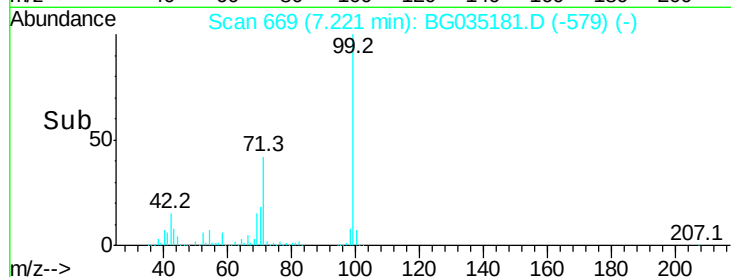
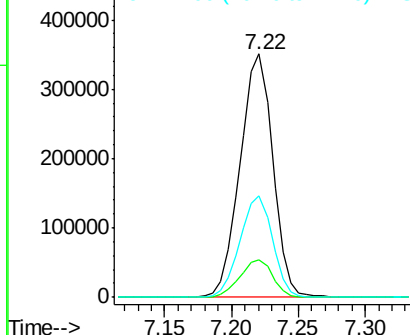
99 100

42 15.5 14.1 21.1

71 41.8 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: 17.924 ng

RT: 9.22 min Scan# 1010

Delta R.T. 0.34 min

Lab File: BG035181.D

Acq: 15 Jun 2018 21:01

Tgt Ion: 70 Resp: 53855

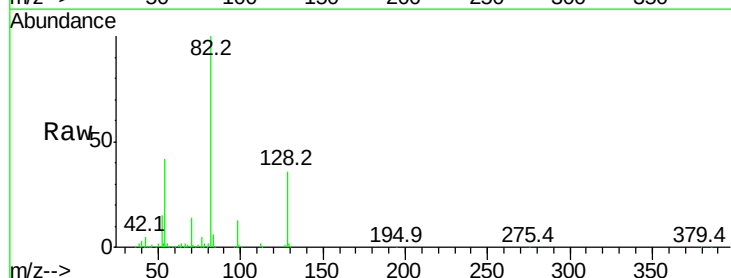
Ion Ratio Lower Upper

70 100

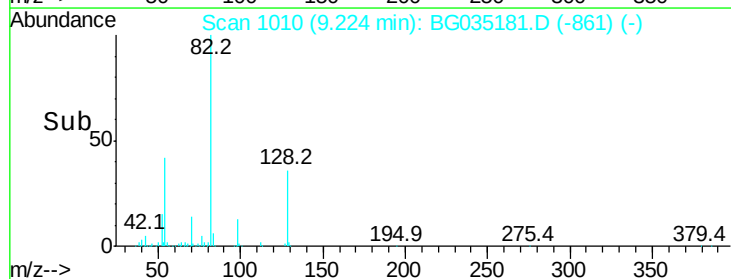
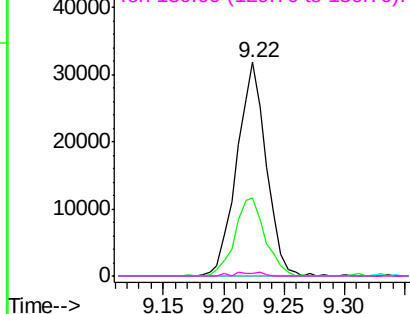
42 36.3 49.1 73.7#

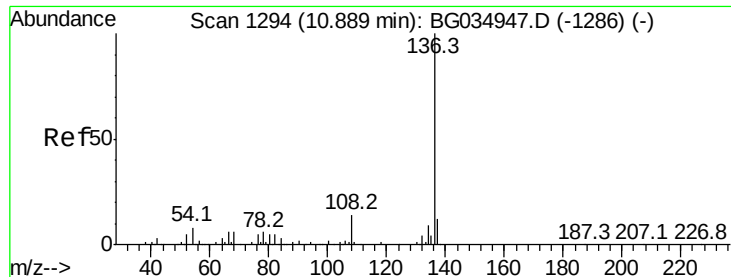
101 0.0 8.5 12.7#

130 1.0 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

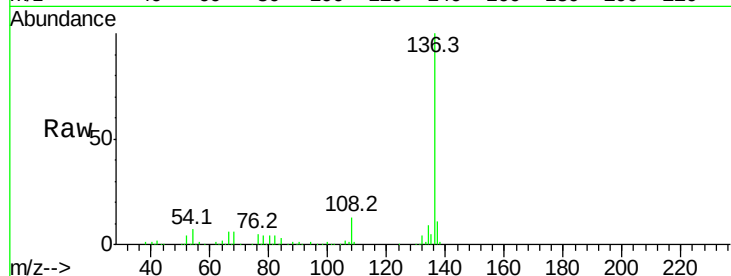




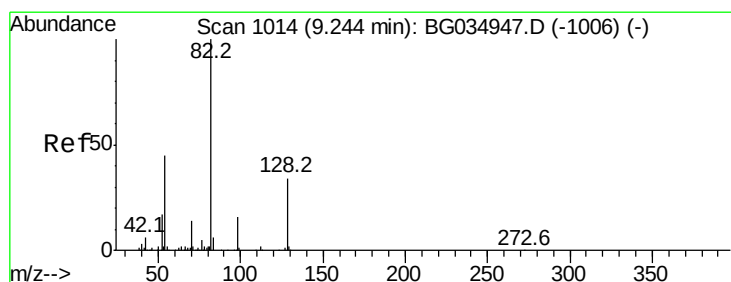
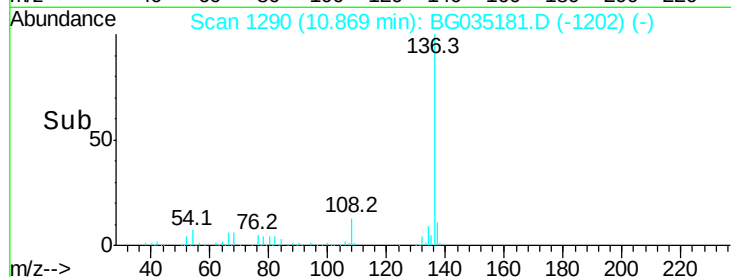
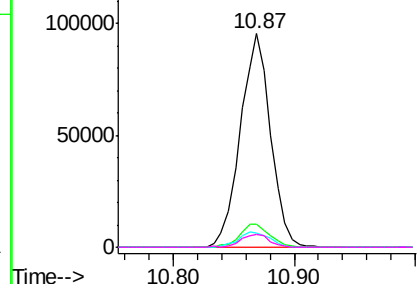
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BG035181.D
Acq: 15 Jun 2018 21:01

Instrument :
BNA_G
ClientSampled :

Tot Ion:	136	Resp:	166027
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	6.7	10.3	15.5
68	6.1	4.5	6.7

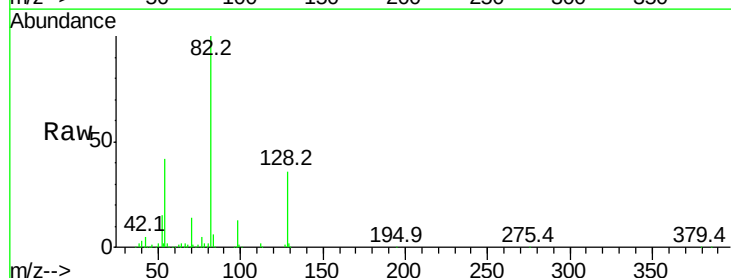


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

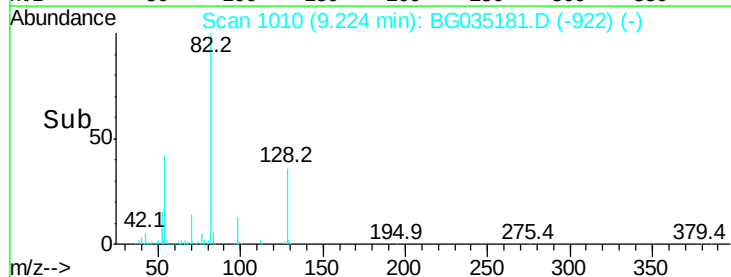
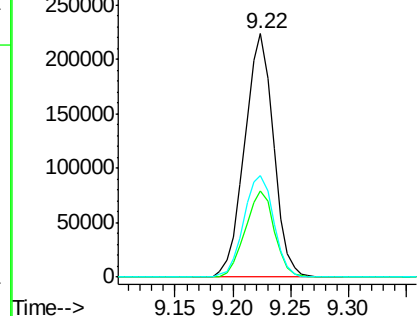


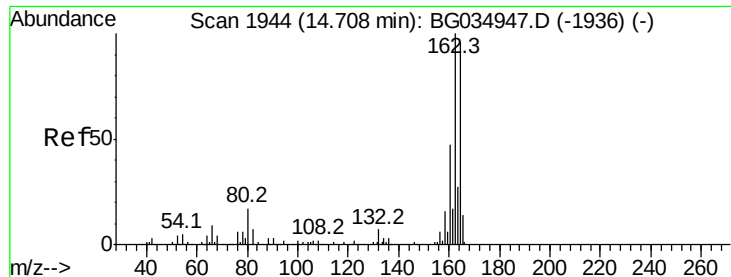
#23
Nitrobenzene-d5
Concen: 111.373 ng
RT: 9.22 min Scan# 1010
Delta R.T. -0.02 min
Lab File: BG035181.D
Acq: 15 Jun 2018 21:01

Tgt Ion:	82	Resp:	389003
Ion	Ratio	Lower	Upper
82	100		
128	35.5	29.7	44.5
54	41.6	43.1	64.7



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1939

Delta R.T. -0.02 min

Lab File: BG035181.D

Acq: 15 Jun 2018 21:01

Instrument :

BNA_G

ClientSampled :

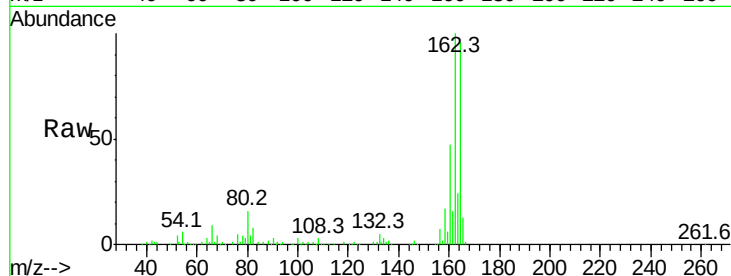
Tot Ion:164 Resp: 124081

Ion Ratio Lower Upper

164 100

162 103.9 78.8 118.2

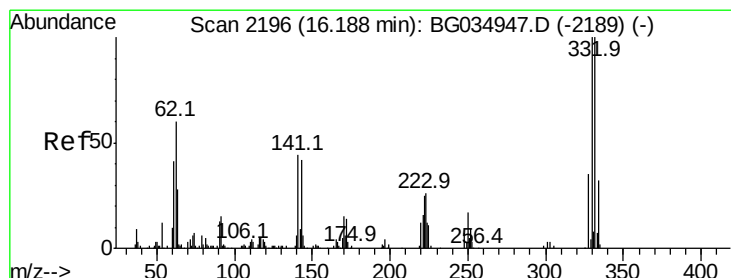
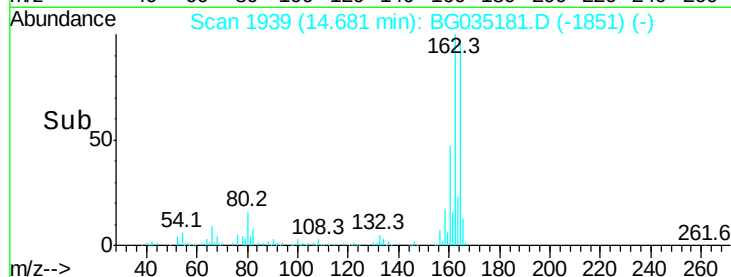
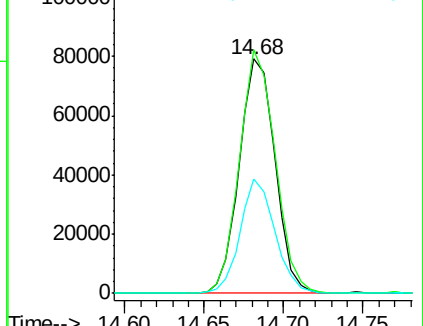
160 48.8 35.4 53.0



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: 179.394 ng

RT: 16.17 min Scan# 2192

Delta R.T. -0.02 min

Lab File: BG035181.D

Acq: 15 Jun 2018 21:01

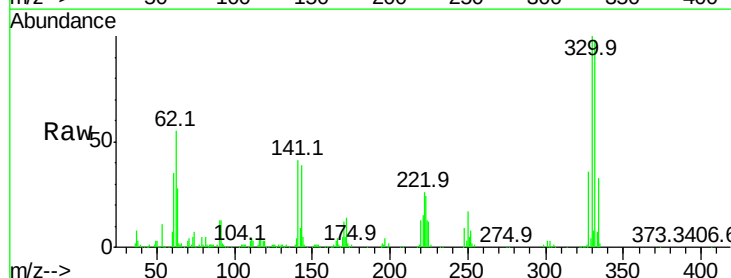
Tgt Ion:330 Resp: 284949

Ion Ratio Lower Upper

330 100

332 96.1 77.0 115.6

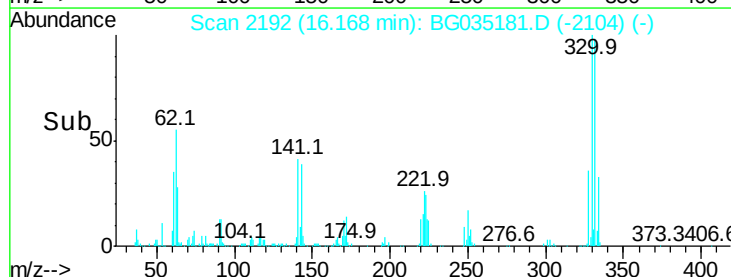
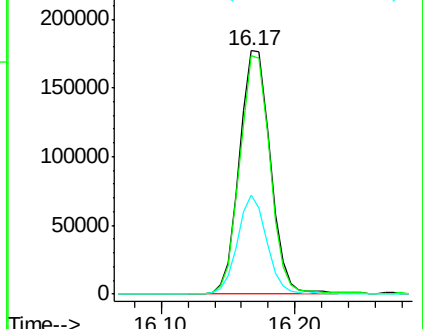
141 38.3 25.2 37.8#

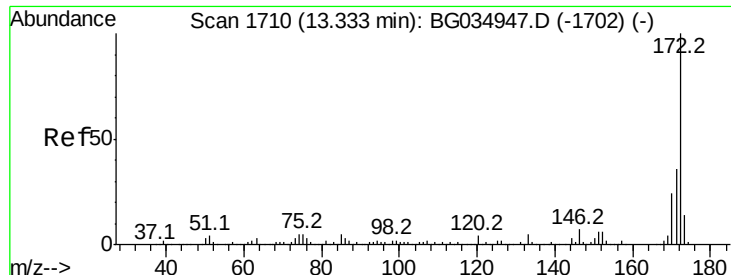


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

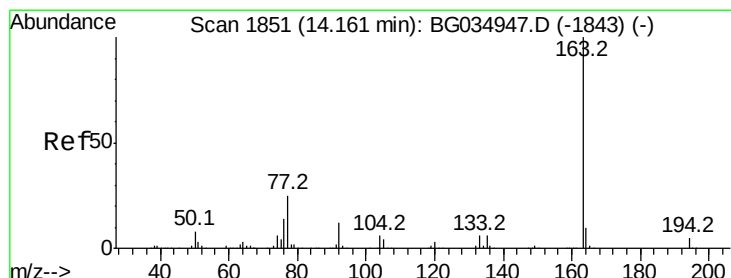
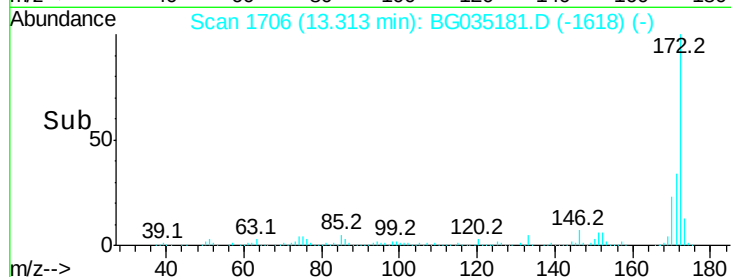
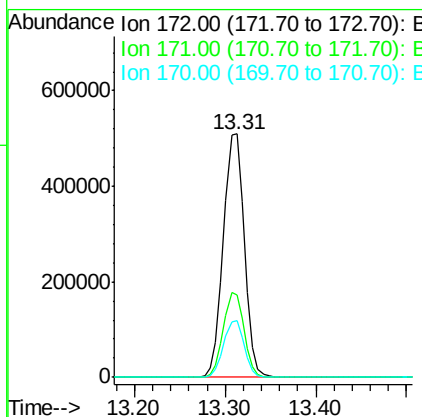
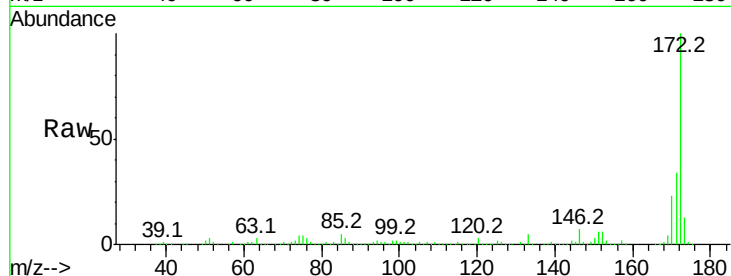




#44
2-Fluorobiphenyl
Concen: 85.943 ng
RT: 13.31 min Scan# 1706
Delta R.T. -0.02 min
Lab File: BG035181.D
Acq: 15 Jun 2018 21:01

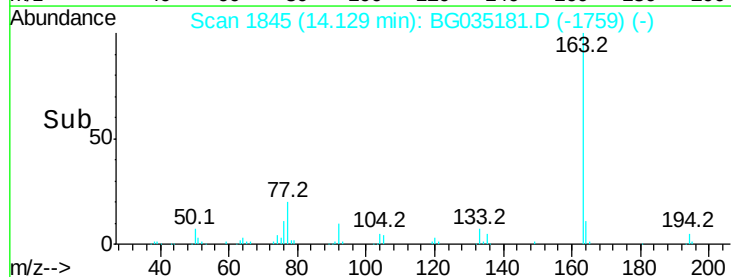
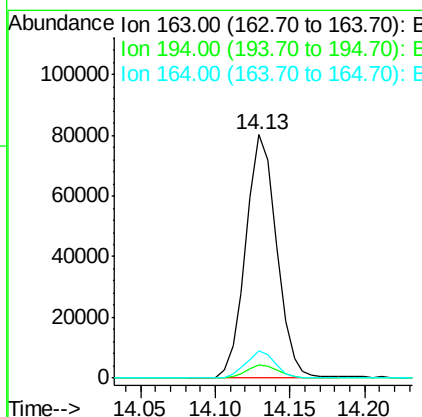
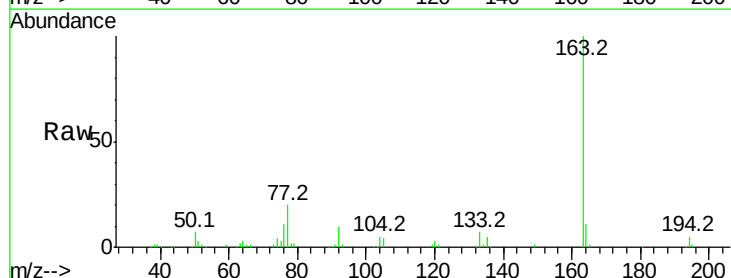
Instrument :
BNA_G
ClientSampleId :

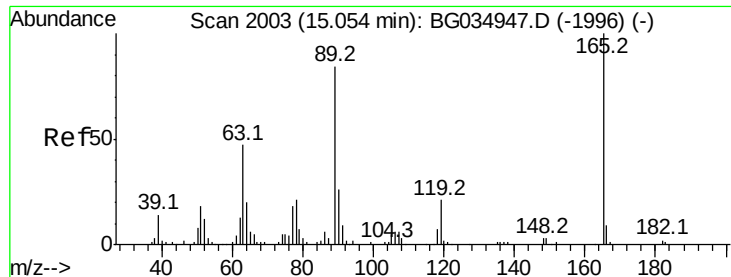
Tot Ion:172 Resp: 820303
Ion Ratio Lower Upper
172 100
171 33.6 30.0 45.0
170 23.1 19.5 29.3



#49
Dimethylphthalate
Concen: 10.610 ng
RT: 14.13 min Scan# 1845
Delta R.T. -0.03 min
Lab File: BG035181.D
Acq: 15 Jun 2018 21:01

Tgt Ion:163 Resp: 114799
Ion Ratio Lower Upper
163 100
194 5.2 3.4 5.2#
164 11.2 8.2 12.4

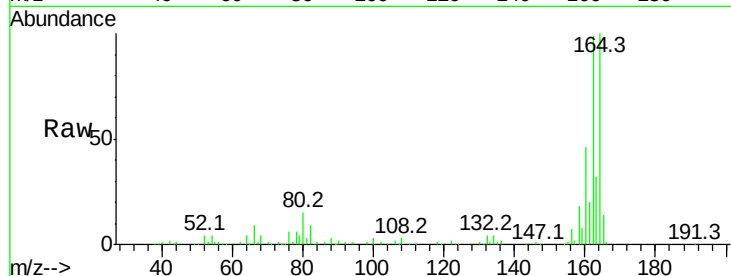




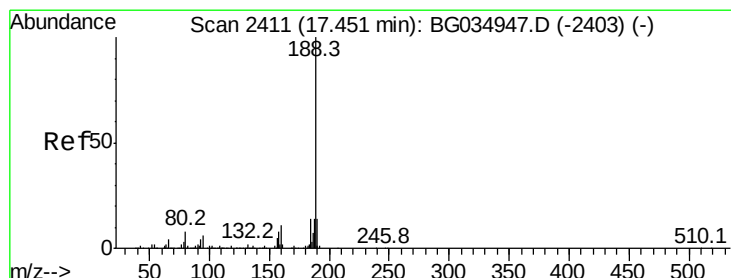
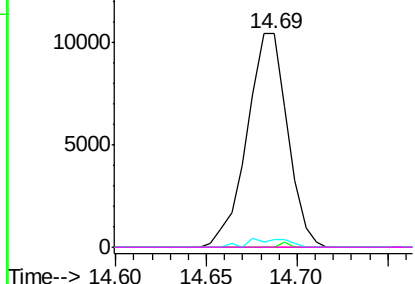
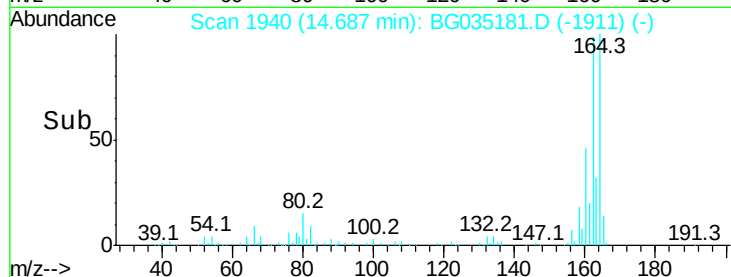
#56
 2,4-Dinitrotoluene
 Concen: 6.212 ng
 RT: 14.69 min Scan# 1940
 Delta R.T. -0.36 min
 Lab File: BG035181.D
 Acq: 15 Jun 2018 21:01

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 16288
 Ion Ratio Lower Upper
 165 100
 63 0.0 42.0 63.0#
 89 3.4 66.9 100.3#
 182 0.0 2.6 3.8#

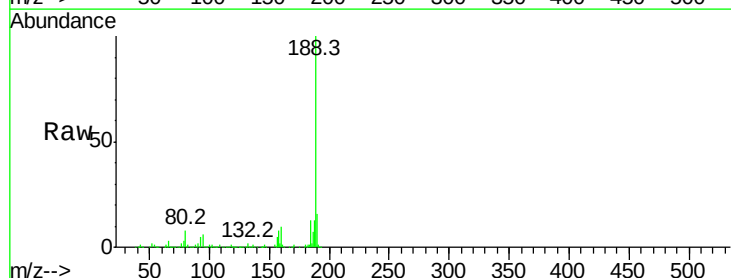


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

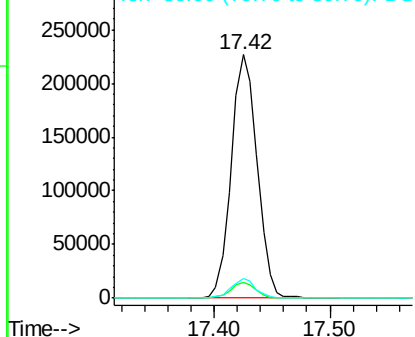
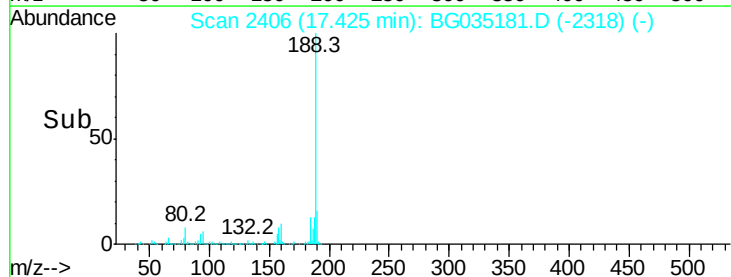


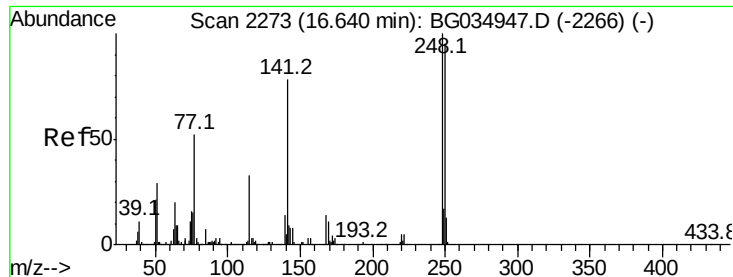
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2406
 Delta R.T. -0.02 min
 Lab File: BG035181.D
 Acq: 15 Jun 2018 21:01

Tgt Ion:188 Resp: 351497
 Ion Ratio Lower Upper
 188 100
 94 6.3 6.9 10.3#
 80 7.9 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

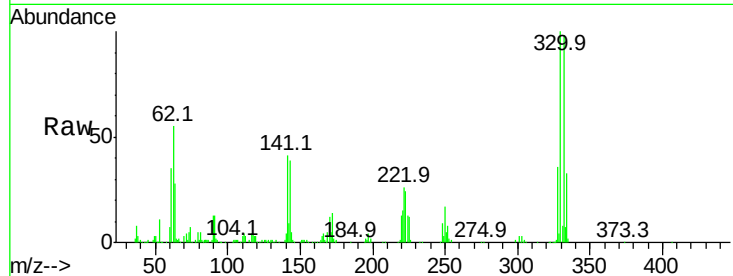




#66
4-Bromophenyl-phenylether
Concen: 5.492 ng
RT: 16.17 min Scan# 2192
Delta R.T. -0.47 min
Lab File: BG035181.D
Acq: 15 Jun 2018 21:01

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	192.6	77.1	115.7#
141	453.3	50.8	76.2#

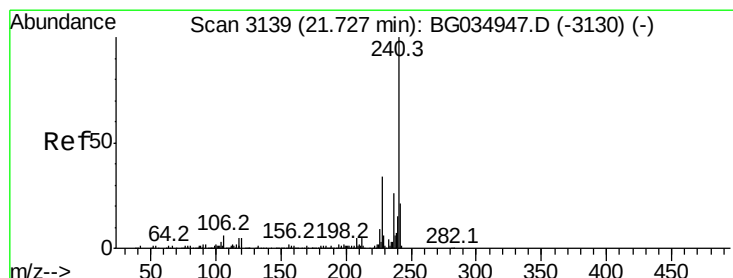
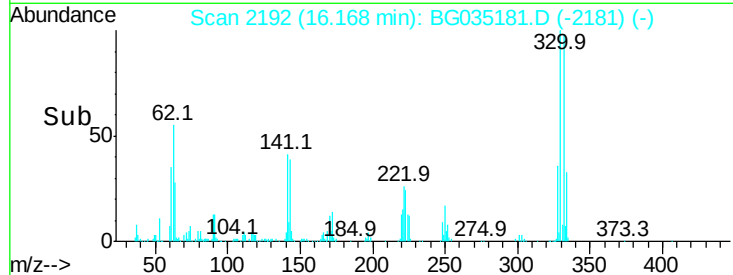
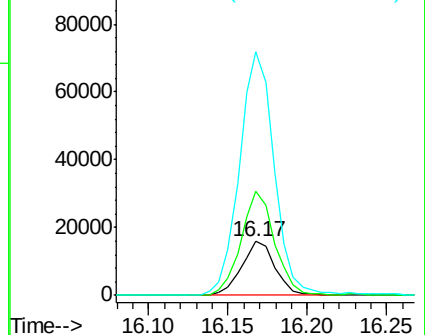


Abundance

Ion 248.00 (247.70 to 248.70): E

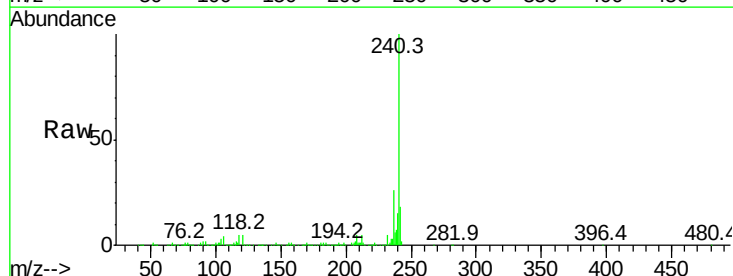
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3133
Delta R.T. -0.02 min
Lab File: BG035181.D
Acq: 15 Jun 2018 21:01

Tgt Ion	Ratio	Lower	Upper
240	100		
120	4.9	6.8	10.2#
236	26.0	20.9	31.3

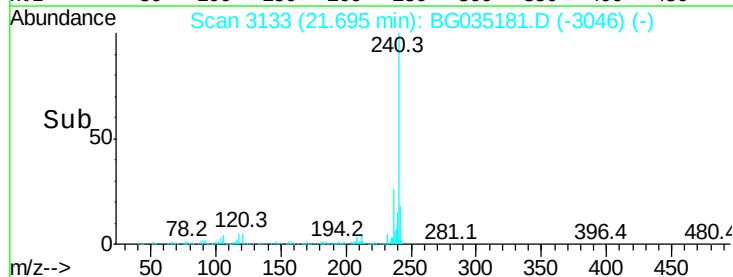
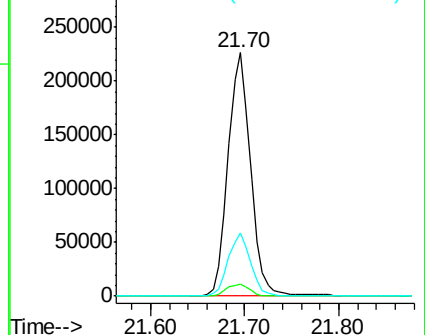


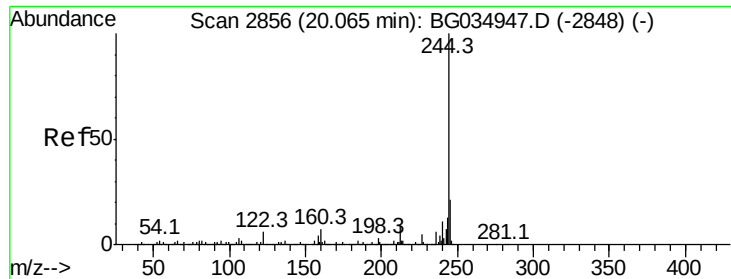
Abundance

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: 82.600 ng

RT: 20.03 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BG035181.D

Acq: 15 Jun 2018 21:01

Instrument :

BNA_G

ClientSampled :

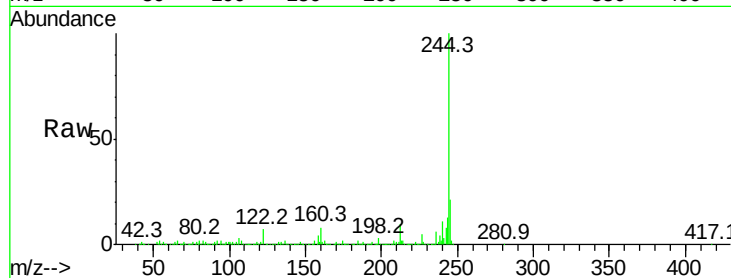
Tot Ion:244 Resp: 1492536

Ion Ratio Lower Upper

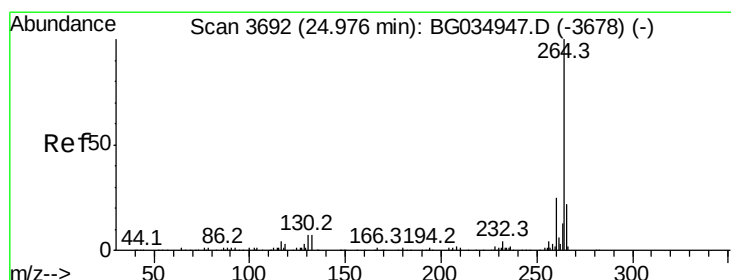
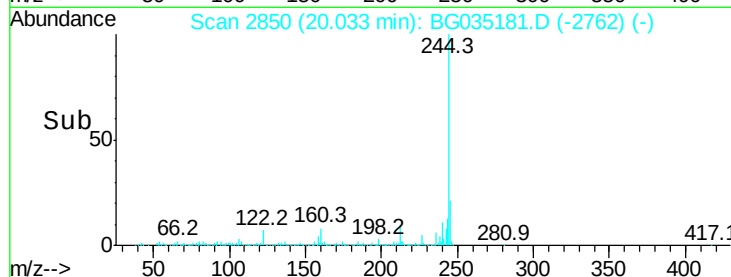
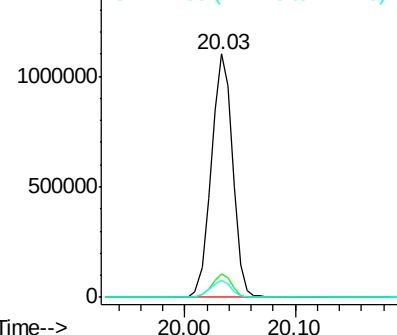
244 100

212 9.5 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: 24.93 min Scan# 3683

Delta R.T. -0.03 min

Lab File: BG035181.D

Acq: 15 Jun 2018 21:01

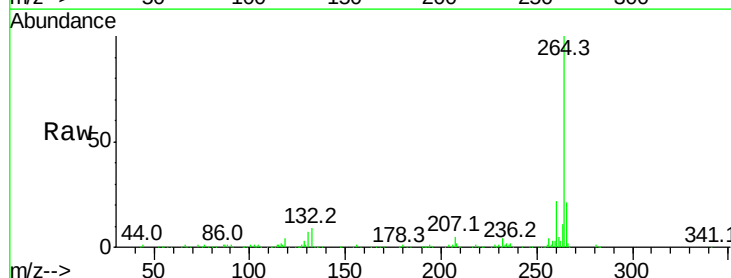
Tgt Ion:264 Resp: 333977

Ion Ratio Lower Upper

264 100

260 22.1 17.4 26.0

265 21.2 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

