

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062018\
 Data File : BG035280.D
 Acq On : 21 Jun 2018 1:24
 Operator : SJ/JU
 Sample : PB110428BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 21 03:59:39 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

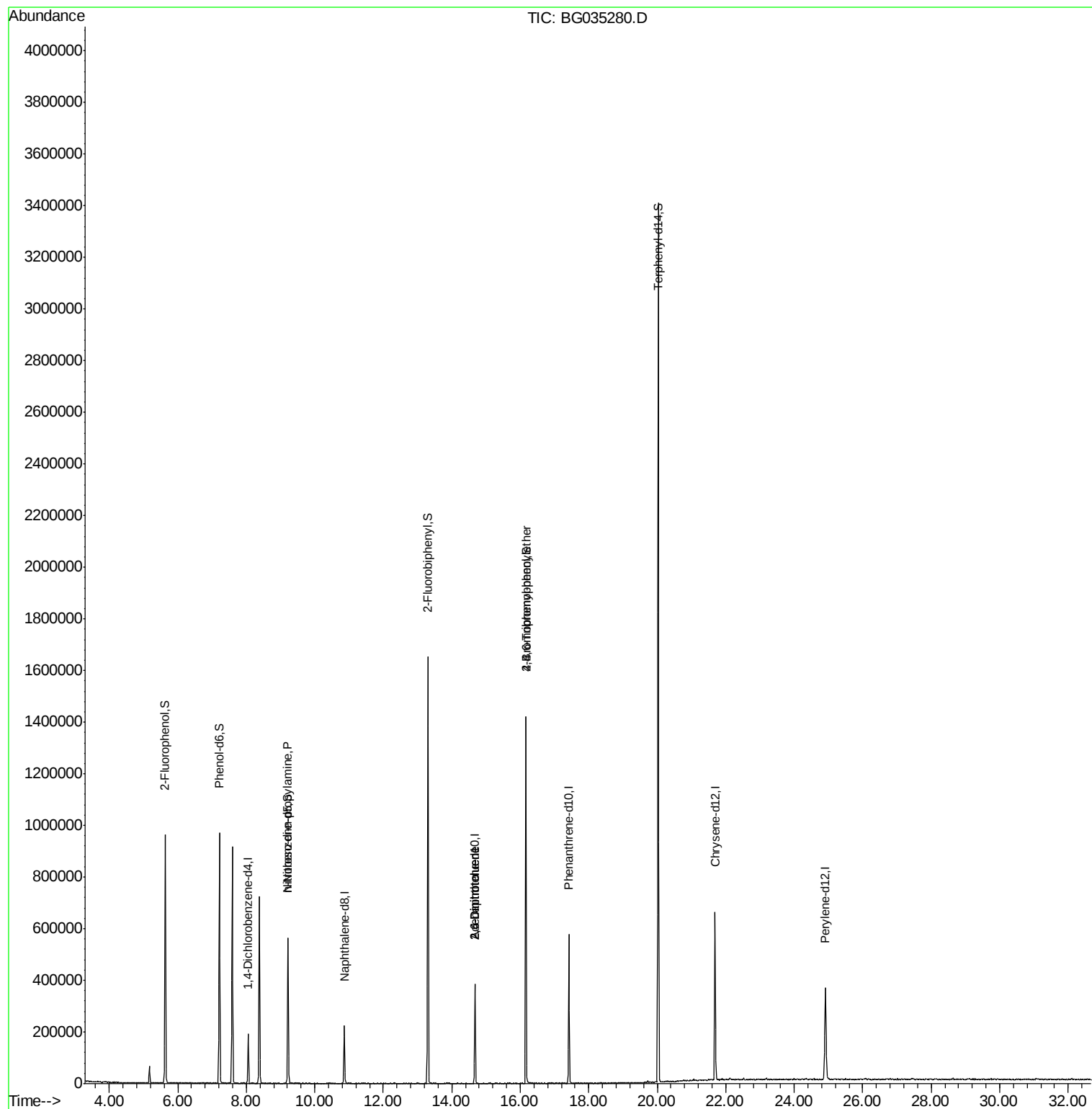
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	54628	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	192555	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	131933	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	373254	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	416654	20.00	ng	-0.03
86) Perylene-d12	24.91	264	398717	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	425209	131.36	ng	-0.01
7) Phenol-d6	7.22	99	599629	125.51	ng	0.00
23) Nitrobenzene-d5	9.21	82	379434	93.67	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	271487	160.75	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	889968	87.69	ng	-0.02
78) Terphenyl-d14	20.03	244	1635853	82.24	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	50291	12.390	ng	# 72
50) 2,6-Dinitrotoluene	14.68	165	17976	8.565	ng	# 21
56) 2,4-Dinitrotoluene	14.68	165	17976	6.447	ng	# 19
66) 4-Bromophenyl-phenylether	16.16	248	20913	4.653	ng	# 1

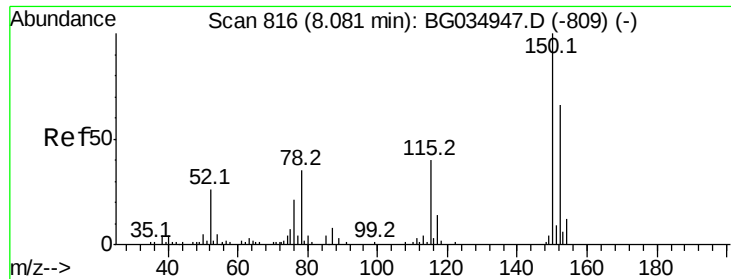
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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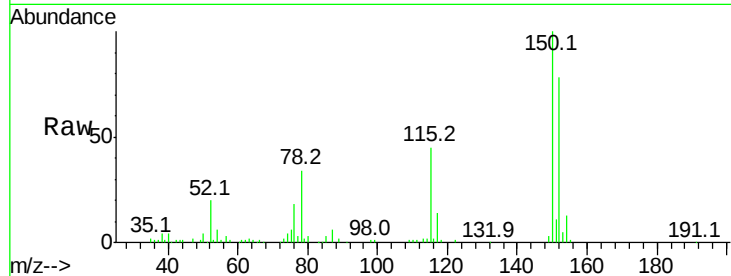


#1

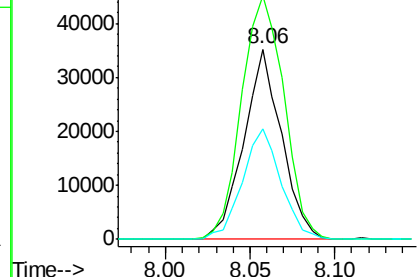
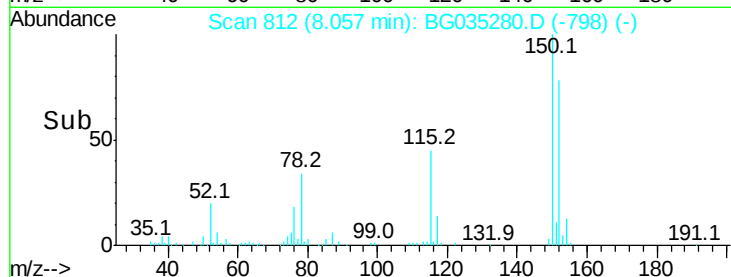
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 812
 Delta R.T. -0.02 min
 Lab File: BG035280.D
 Acq: 21 Jun 2018 1:24

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	127.9	126.6	189.8
115	57.8	53.0	79.4



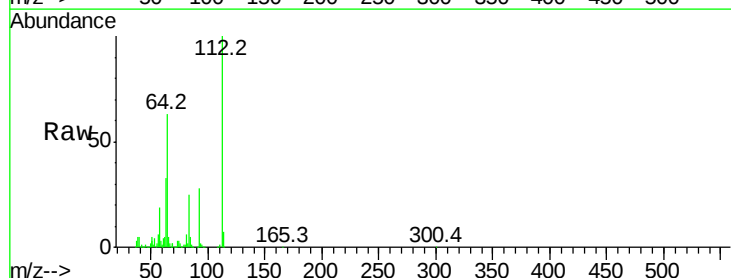
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



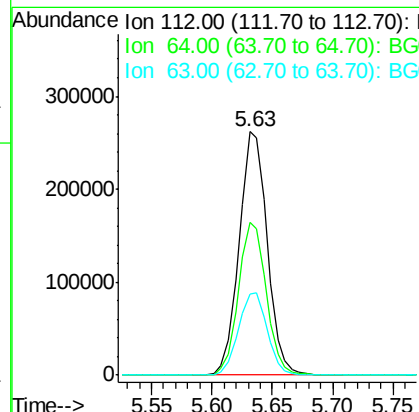
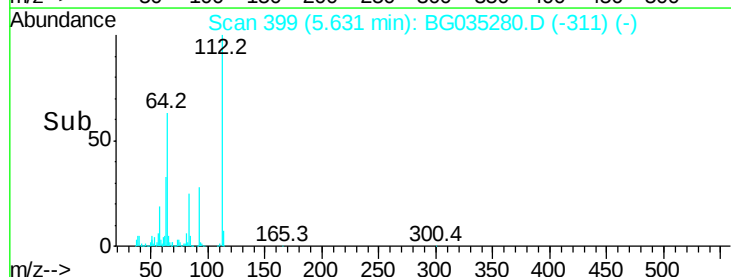
#5

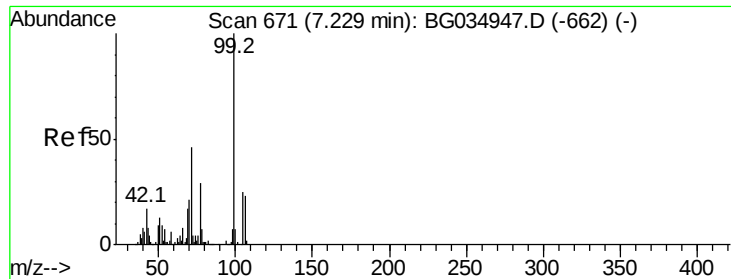
2-Fluorophenol
 Concen: 131.359 ng
 RT: 5.63 min Scan# 399
 Delta R.T. -0.01 min
 Lab File: BG035280.D
 Acq: 21 Jun 2018 1:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.8	56.3	84.5
63	33.1	30.1	45.1



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





#7

Phenol-d6

Concen: 125.508 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG035280.D

Acq: 21 Jun 2018 1:24

Instrument :

BNA_G

ClientSampleId :

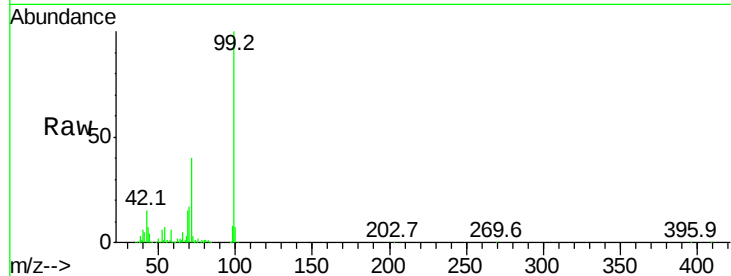
Tot Ion: 99 Resp: 599629

Ion Ratio Lower Upper

99 100

42 14.9 14.1 21.1

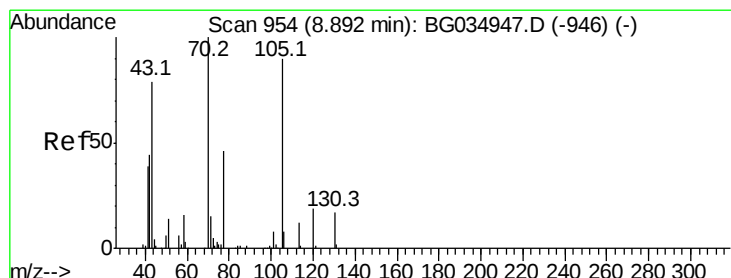
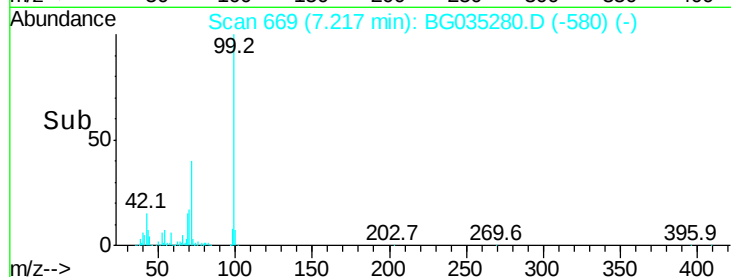
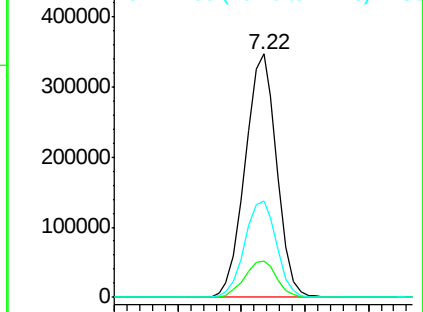
71 39.7 26.1 39.1#



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: 12.390 ng

RT: 9.21 min Scan# 1009

Delta R.T. 0.33 min

Lab File: BG035280.D

Acq: 21 Jun 2018 1:24

Tgt Ion: 70 Resp: 50291

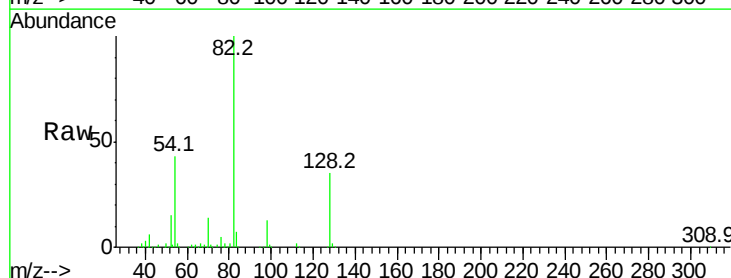
Ion Ratio Lower Upper

70 100

42 41.0 49.1 73.7#

101 0.0 8.5 12.7#

130 2.1 13.4 20.0#

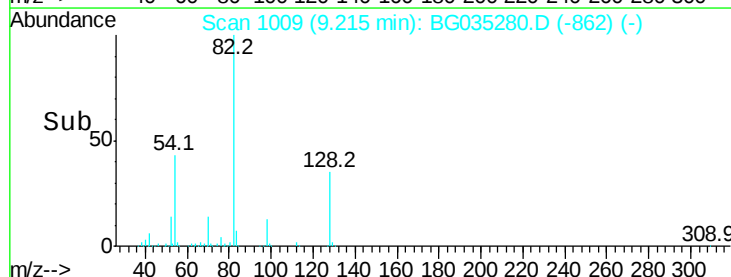
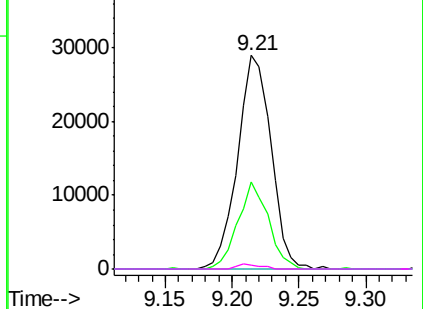


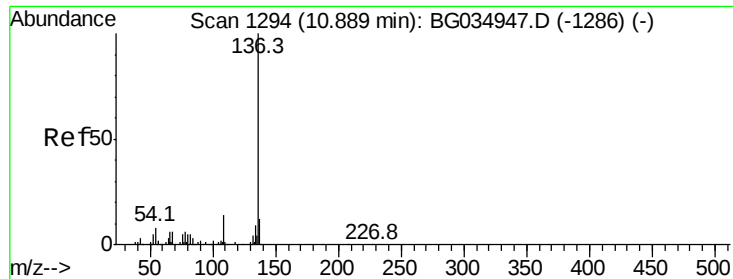
Abundance Ion 70.00 (69.70 to 70.70): BGC

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

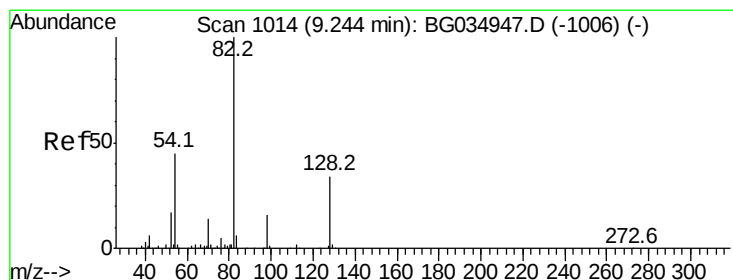
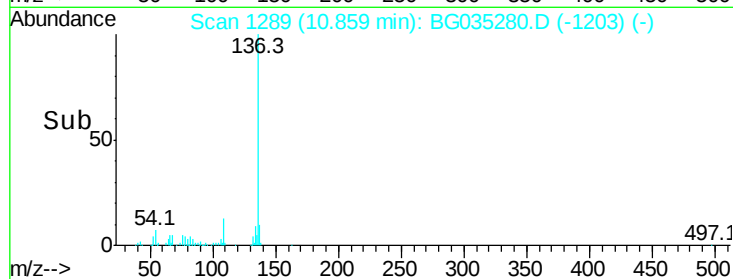
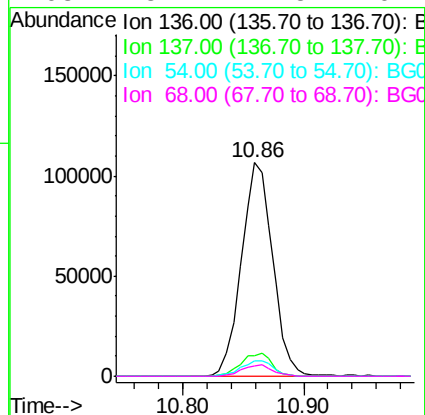
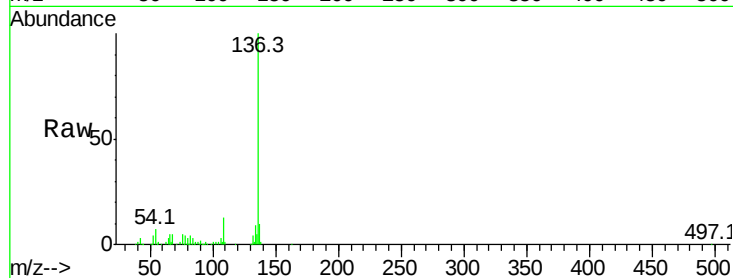




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.02 min
Lab File: BG035280.D
Acq: 21 Jun 2018 1:24

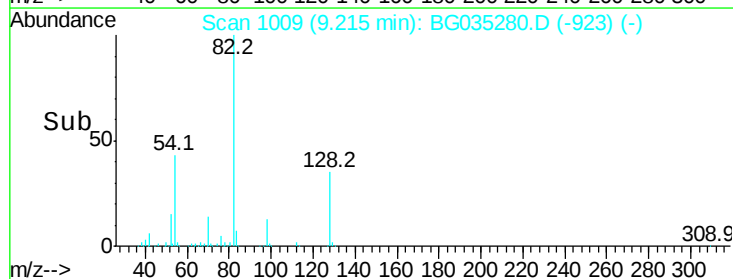
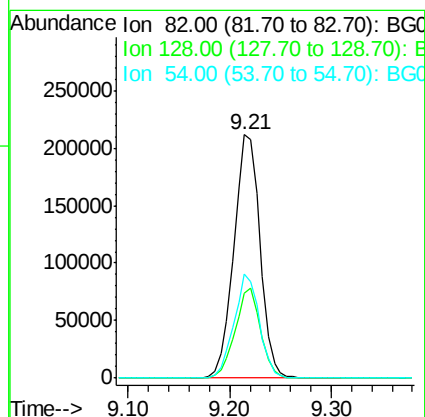
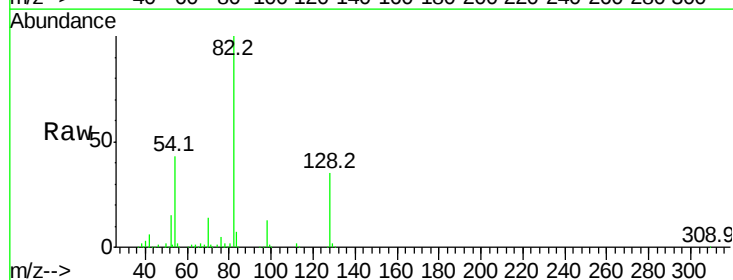
Instrument :
BNA_G
ClientSampleId :

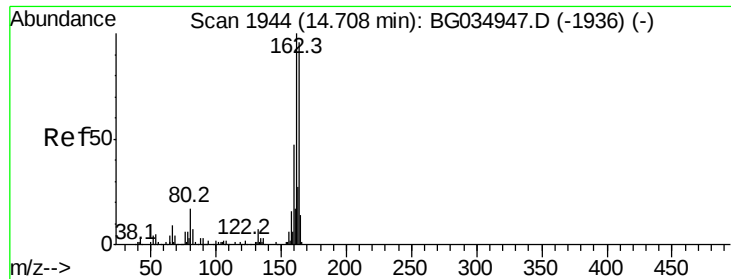
Tot Ion:	136	Resp:	192555
Ion Ratio	Lower	Upper	
136	100		
137	9.6	9.2	13.8
54	7.0	10.3	15.5#
68	5.1	4.5	6.7



#23
Nitrobenzene-d5
Concen: 93.668 ng
RT: 9.21 min Scan# 1009
Delta R.T. -0.02 min
Lab File: BG035280.D
Acq: 21 Jun 2018 1:24

Tgt Ion:	82	Resp:	379434
Ion Ratio	Lower	Upper	
82	100		
128	34.9	29.7	44.5
54	42.8	43.1	64.7#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1939

Delta R.T. -0.02 min

Lab File: BG035280.D

Acq: 21 Jun 2018 1:24

Instrument :

BNA_G

ClientSampleId :

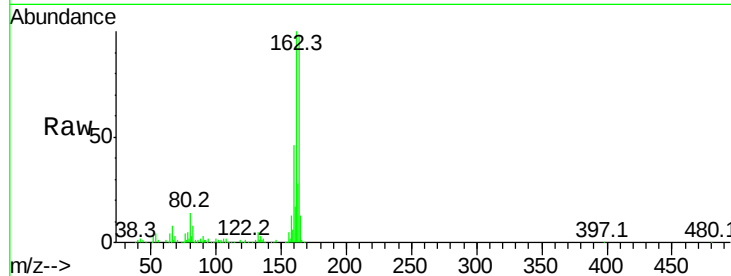
Tot Ion:164 Resp: 131933

Ion Ratio Lower Upper

164 100

162 102.0 78.8 118.2

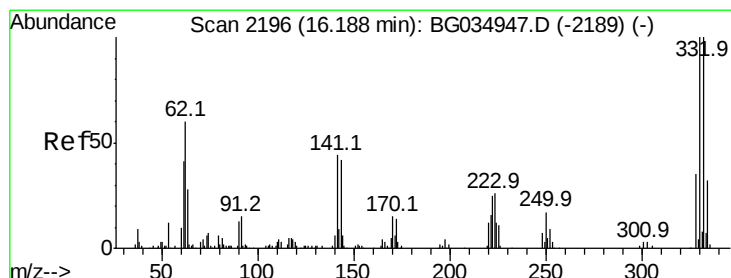
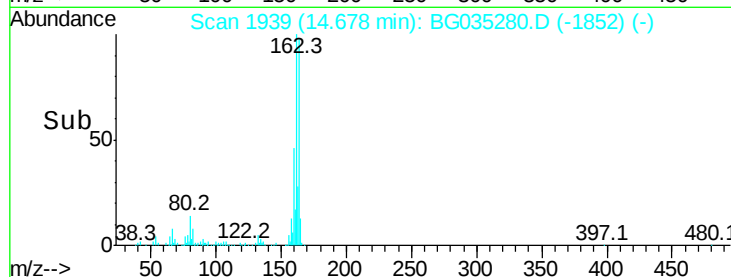
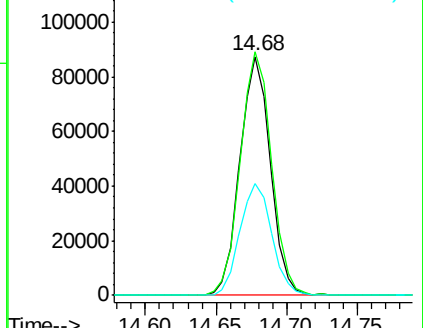
160 46.7 35.4 53.0



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: 160.747 ng

RT: 16.16 min Scan# 2192

Delta R.T. -0.02 min

Lab File: BG035280.D

Acq: 21 Jun 2018 1:24

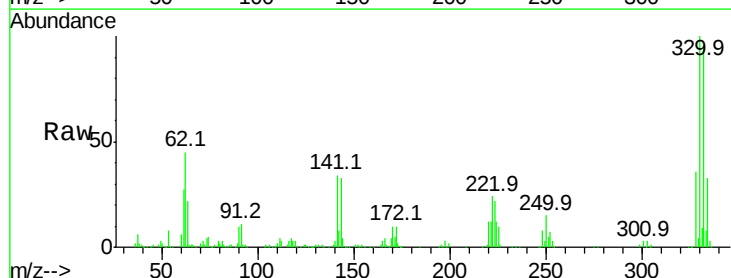
Tgt Ion:330 Resp: 271487

Ion Ratio Lower Upper

330 100

332 94.9 77.0 115.6

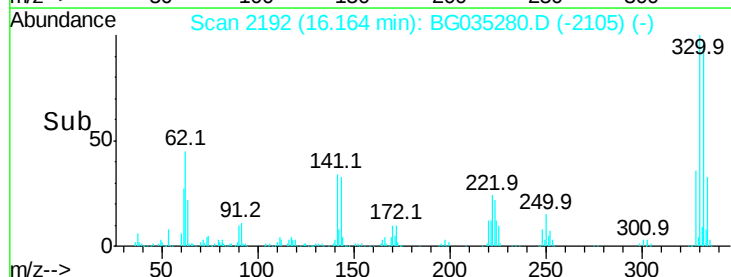
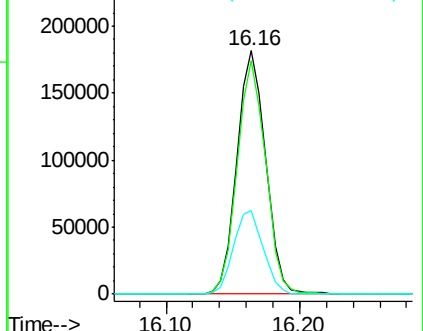
141 35.4 25.2 37.8

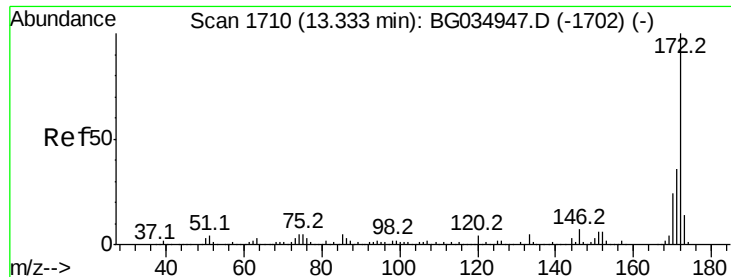


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 87.693 ng

RT: 13.30 min Scan# 1705

Delta R.T. -0.02 min

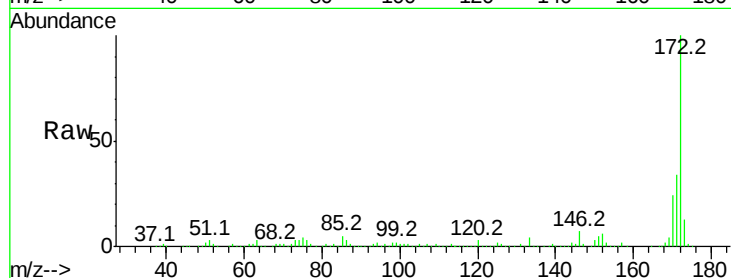
Lab File: BG035280.D

Acq: 21 Jun 2018 1:24

Instrument :

BNA_G

ClientSampleId :



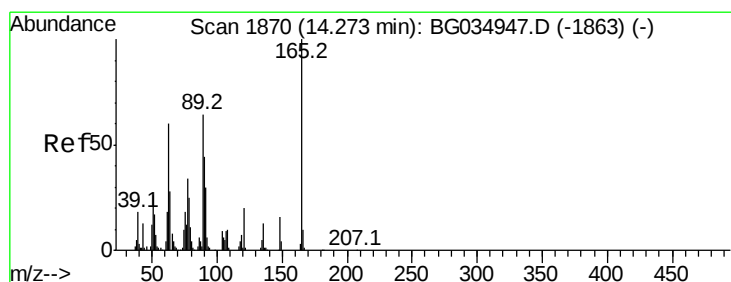
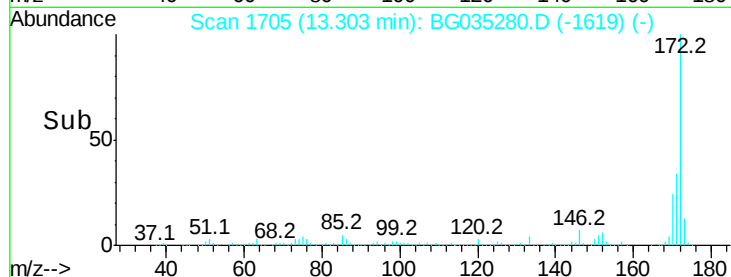
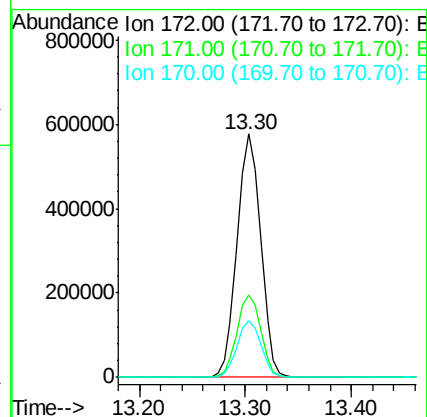
Tot Ion:172 Resp: 889968

Ion Ratio Lower Upper

172 100

171 34.0 30.0 45.0

170 23.5 19.5 29.3



#50

2,6-Dinitrotoluene

Concen: 8.565 ng

RT: 14.68 min Scan# 1939

Delta R.T. 0.41 min

Lab File: BG035280.D

Acq: 21 Jun 2018 1:24

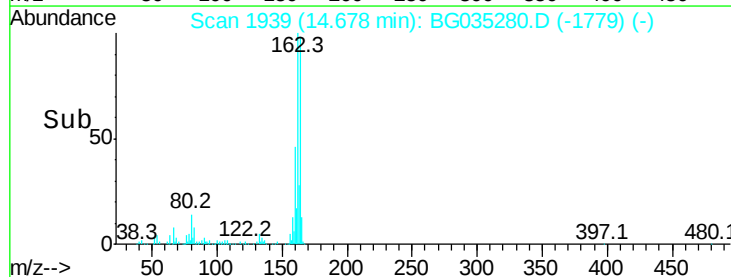
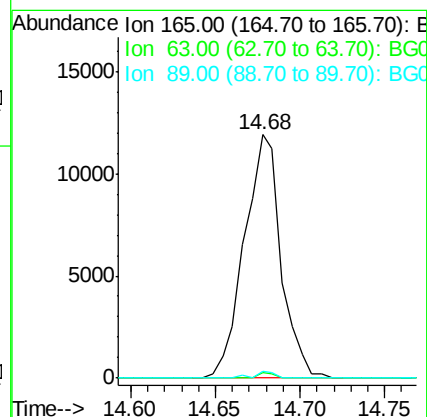
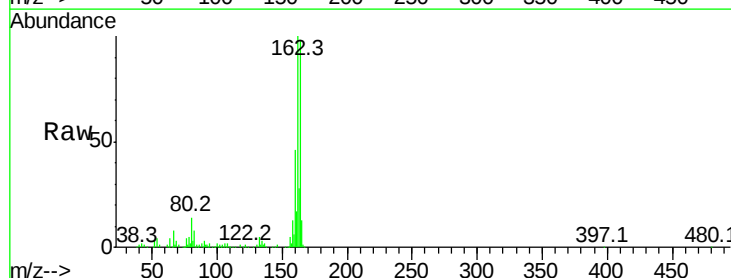
Tgt Ion:165 Resp: 17976

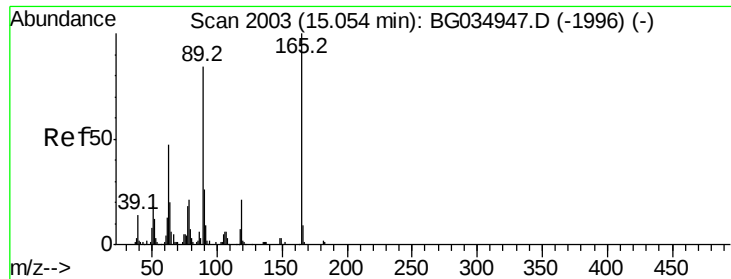
Ion Ratio Lower Upper

165 100

63 2.3 52.7 79.1#

89 2.6 49.2 73.8#

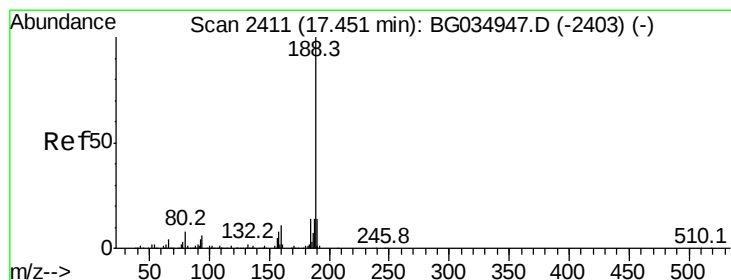
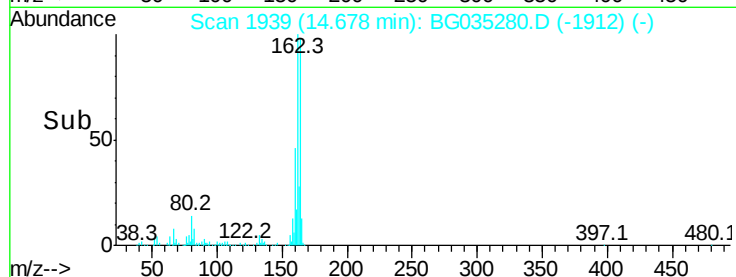
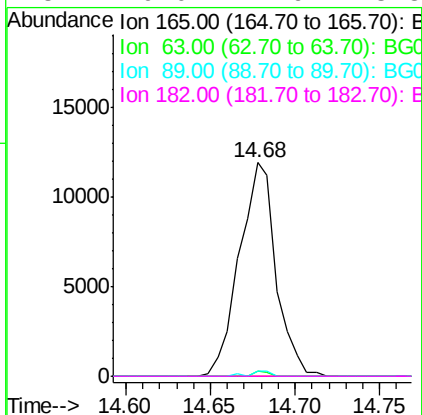
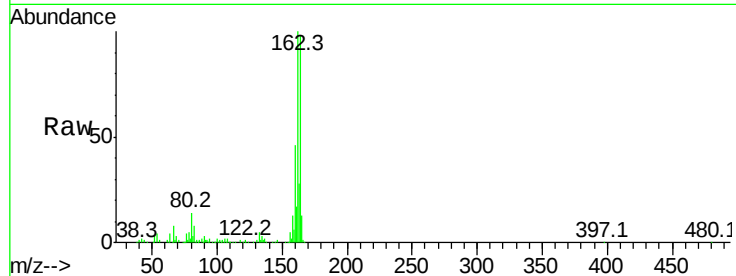




#56
2,4-Dinitrotoluene
Concen: 6.447 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.37 min
Lab File: BG035280.D
Acq: 21 Jun 2018 1:24

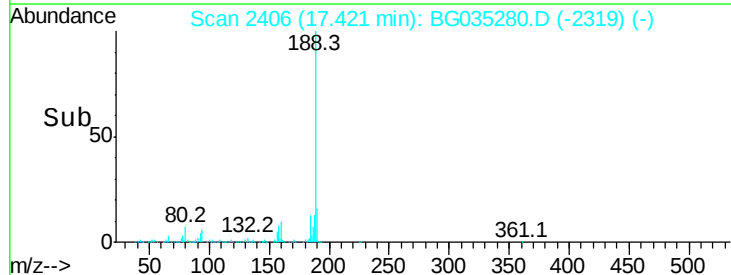
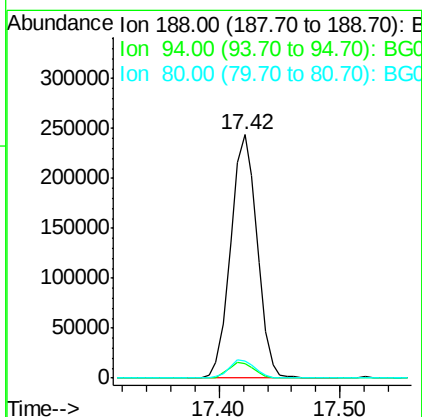
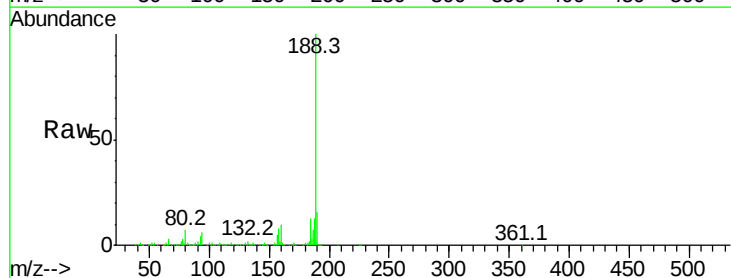
Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 17976
Ion Ratio Lower Upper
165 100
63 2.3 42.0 63.0#
89 2.6 66.9 100.3#
182 0.0 2.6 3.8#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2406
Delta R.T. -0.02 min
Lab File: BG035280.D
Acq: 21 Jun 2018 1:24

Tgt Ion:188 Resp: 373254
Ion Ratio Lower Upper
188 100
94 6.0 6.9 10.3#
80 6.8 7.7 11.5#

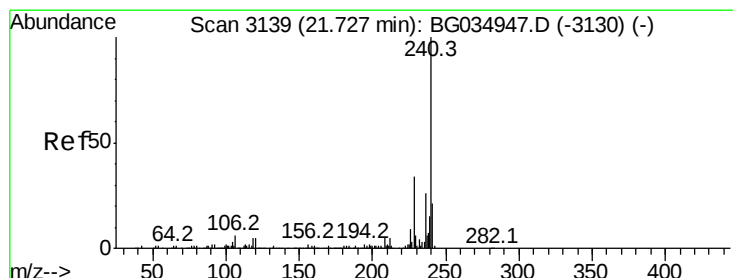
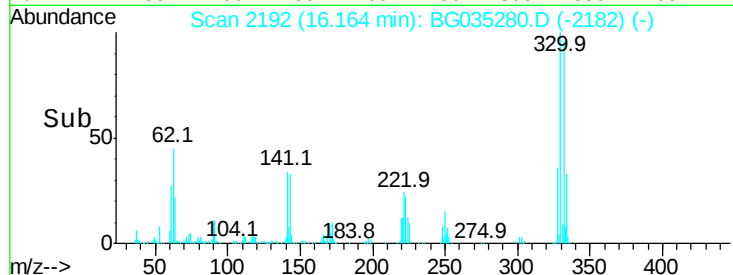
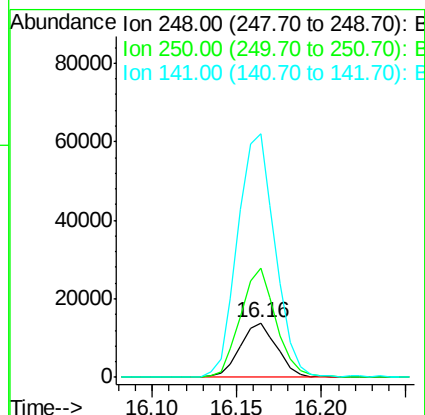
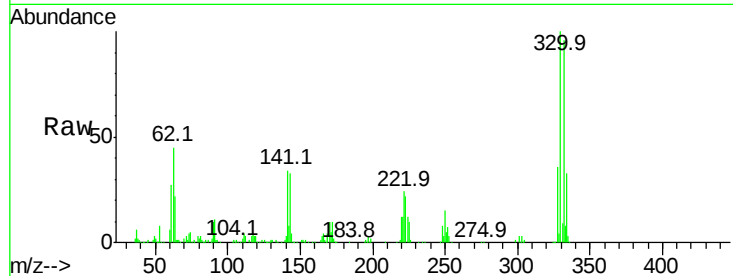




#66
4-Bromophenyl-phenylether
Concen: 4.653 ng
RT: 16.16 min Scan# 2192
Delta R.T. -0.47 min
Lab File: BG035280.D
Acq: 21 Jun 2018 1:24

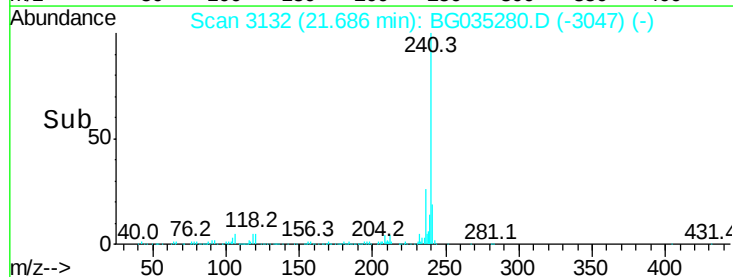
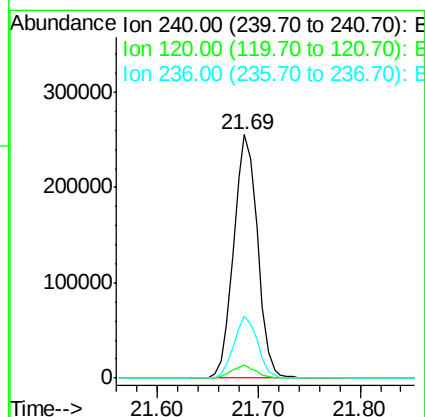
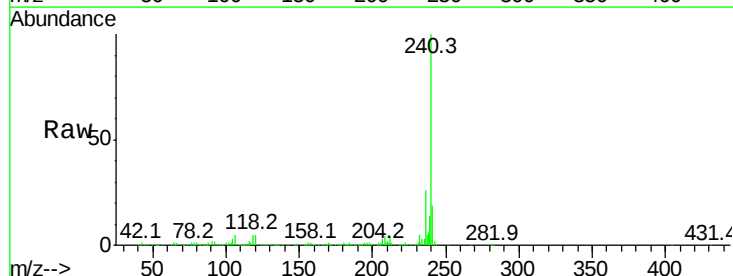
Instrument :
BNA_G
ClientSampled :

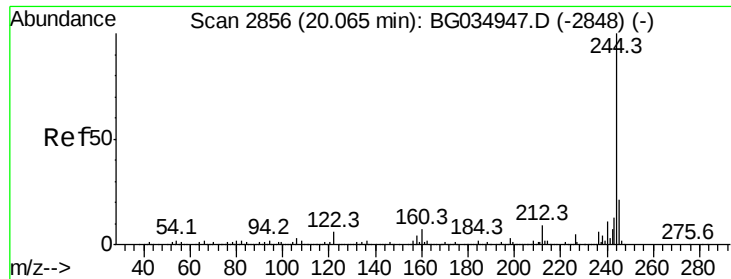
Tot Ion:248 Resp: 20913
Ion Ratio Lower Upper
248 100
250 199.8 77.1 115.7#
141 448.1 50.8 76.2#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3132
Delta R.T. -0.03 min
Lab File: BG035280.D
Acq: 21 Jun 2018 1:24

Tgt Ion:240 Resp: 416654
Ion Ratio Lower Upper
240 100
120 5.5 6.8 10.2#
236 25.5 20.9 31.3



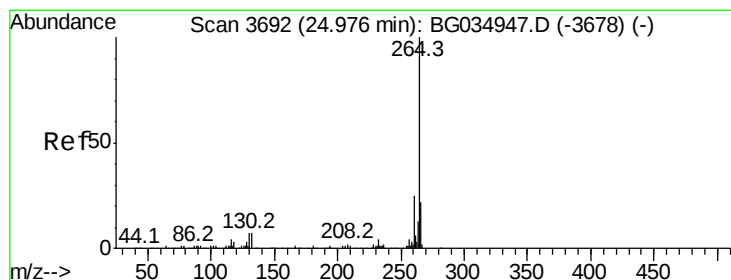
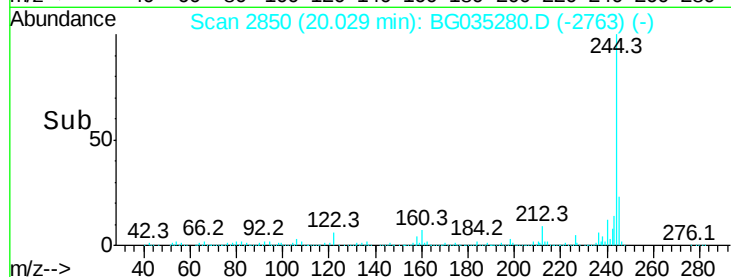
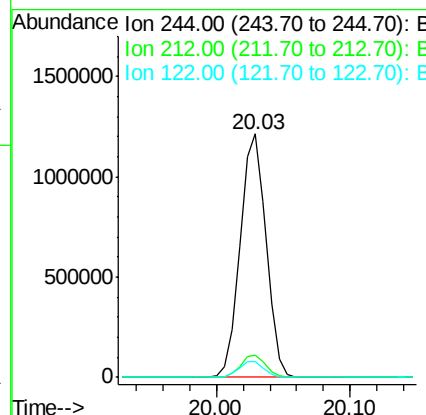
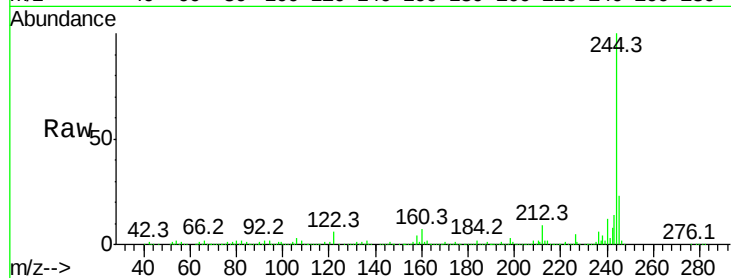


#78
 Terphenyl-d14
 Concen: 82.240 ng
 RT: 20.03 min Scan# 2850
 Delta R.T. -0.02 min
 Lab File: BG035280.D
 Acq: 21 Jun 2018 1:24

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:244 Resp: 1635853

Ion	Ratio	Lower	Upper
244	100		
212	9.2	5.8	8.8#
122	6.5	7.0	10.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.91 min Scan# 3681
 Delta R.T. -0.04 min
 Lab File: BG035280.D
 Acq: 21 Jun 2018 1:24

Tgt Ion:264 Resp: 398717

Ion	Ratio	Lower	Upper
264	100		
260	24.4	17.4	26.0
265	22.5	17.7	26.5

