

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG063018\
 Data File : BG035536.D
 Acq On : 30 Jun 2018 10:59
 Operator : JU/SJ
 Sample : J3757-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 02 01:43:16 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

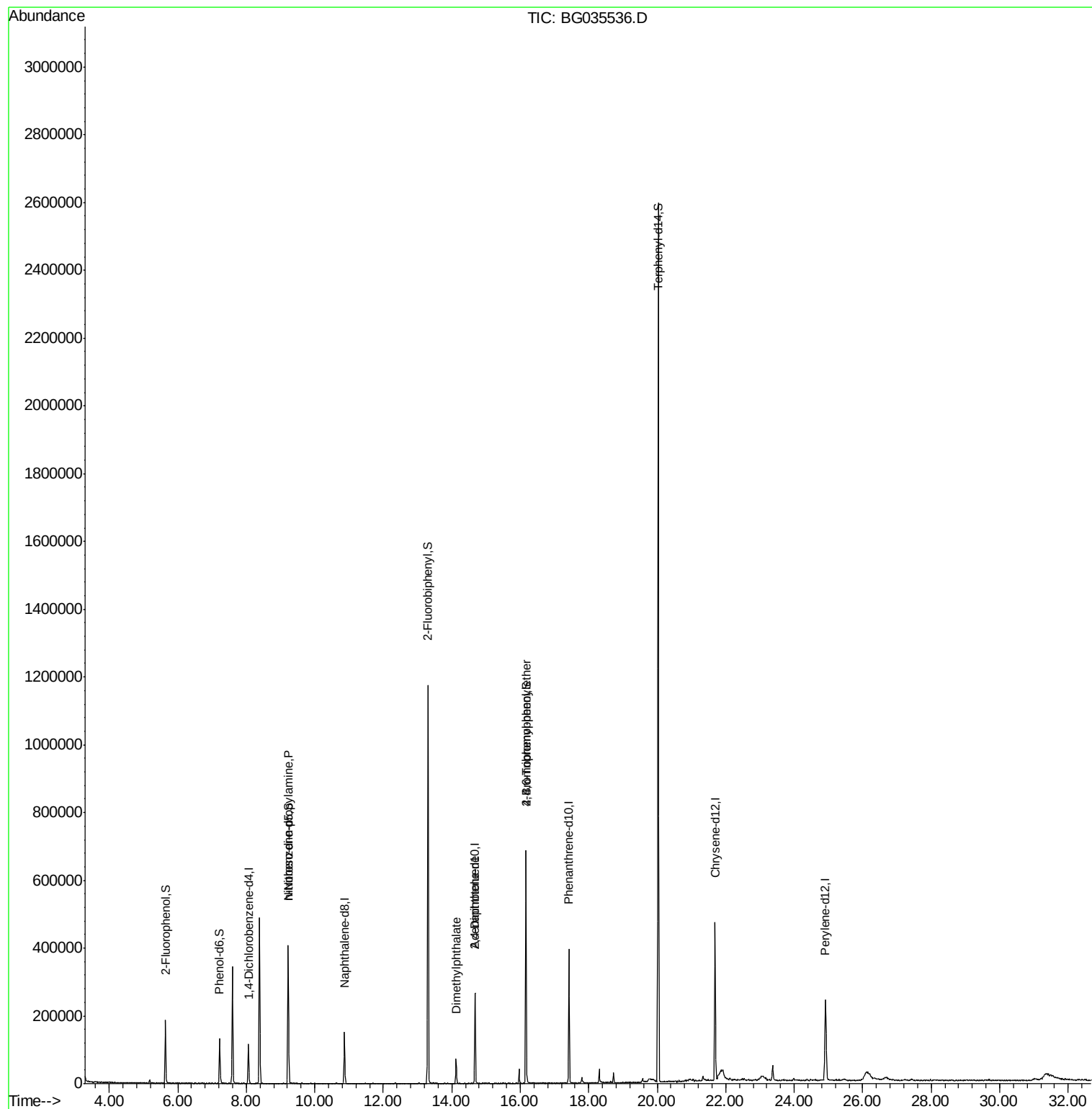
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	33274	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	126278	20.00	ng	-0.02
38) Acenaphthene-d10	14.69	164	93588	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	266663	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	291894	20.00	ng	-0.03
86) Perylene-d12	24.91	264	269445	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	81417	41.29	ng	0.00
7) Phenol-d6	7.22	99	78989	27.14	ng	0.00
23) Nitrobenzene-d5	9.23	82	280284	105.51	ng	-0.01
41) 2,4,6-Tribromophenol	16.17	330	134231	112.04	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	680802	94.57	ng	-0.02
78) Terphenyl-d14	20.03	244	1243363	89.23	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.23	70	36898	14.924	ng	# 68
49) Dimethylphthalate	14.13	163	48164	5.902	ng	# 99
56) 2,4-Dinitrotoluene	14.68	165	12617	6.379	ng	# 19
66) 4-Bromophenyl-phenylether	16.17	248	10726	3.340	ng	# 1

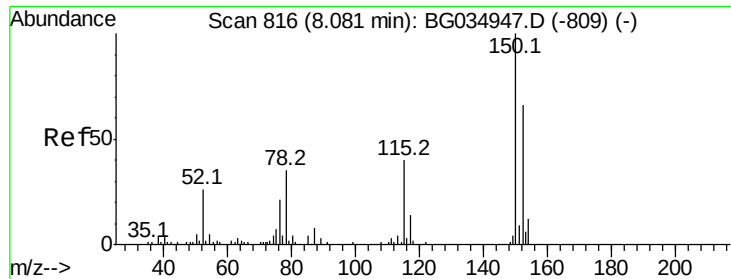
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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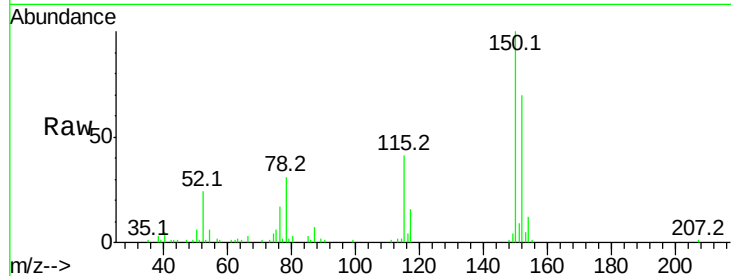


#1

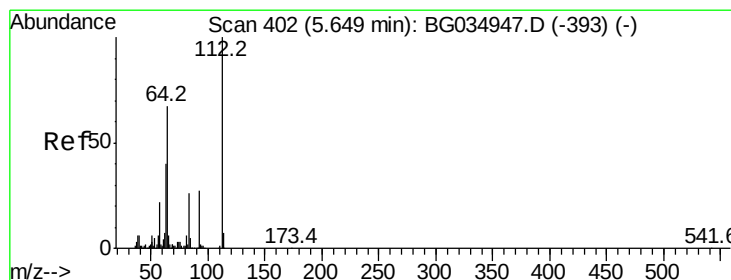
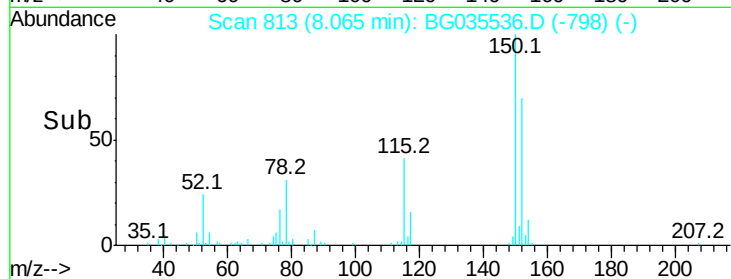
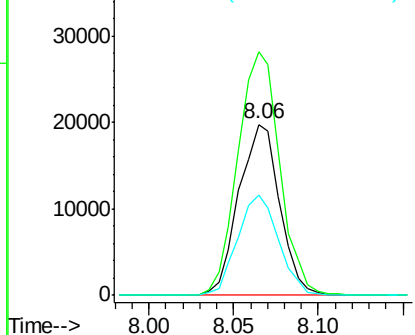
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG035536.D
Acq: 30 Jun 2018 10:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 33274
Ion Ratio Lower Upper
152 100
150 142.5 126.6 189.8
115 58.4 53.0 79.4



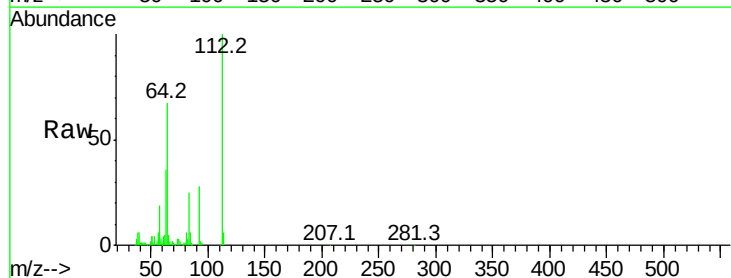
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



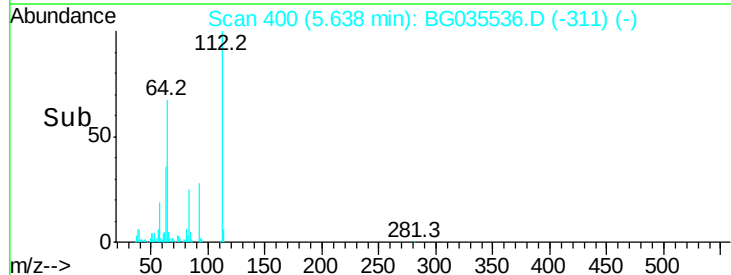
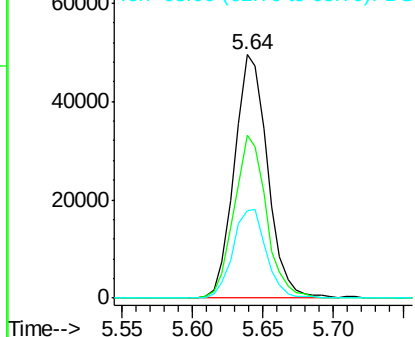
#5

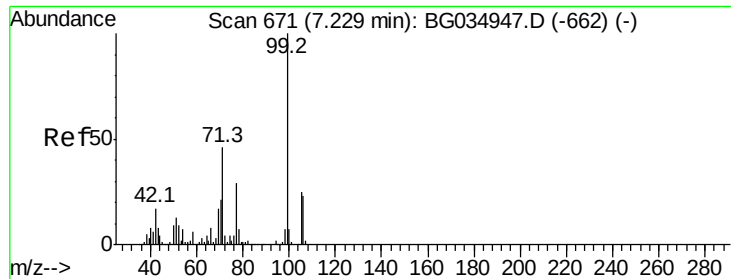
2-Fluorophenol
Concen: 41.293 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG035536.D
Acq: 30 Jun 2018 10:59

Tgt Ion:112 Resp: 81417
Ion Ratio Lower Upper
112 100
64 66.8 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): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 27.143 ng

RT: 7.22 min Scan# 670

Delta R.T. 0.00 min

Lab File: BG035536.D

Acq: 30 Jun 2018 10:59

Instrument :

BNA_G

ClientSampleId :

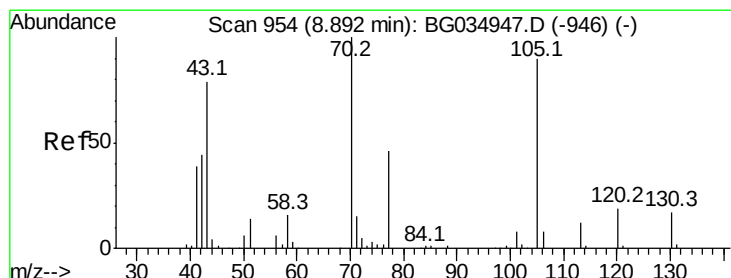
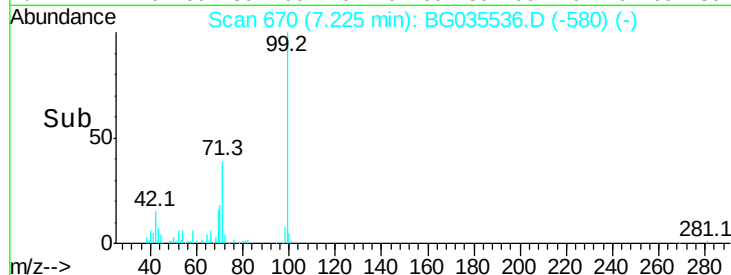
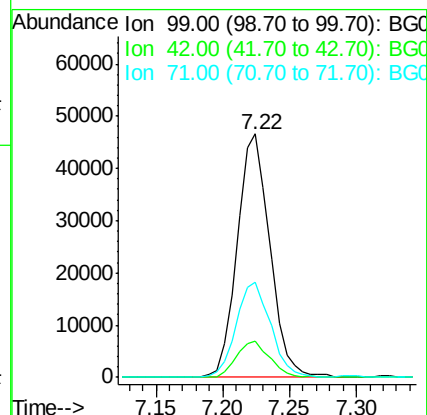
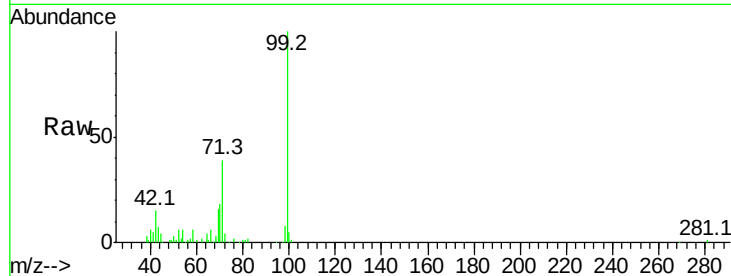
Tot Ion: 99 Resp: 78989

Ion Ratio Lower Upper

99 100

42 15.1 14.1 21.1

71 39.1 26.1 39.1



#19

n-Nitroso-di-n-propylamine

Concen: 14.924 ng

RT: 9.23 min Scan# 1011

Delta R.T. 0.35 min

Lab File: BG035536.D

Acq: 30 Jun 2018 10:59

Tgt Ion: 70 Resp: 36898

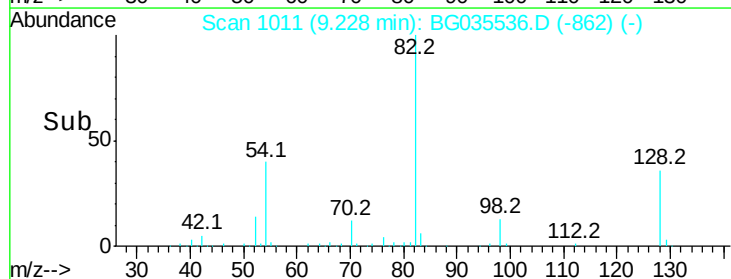
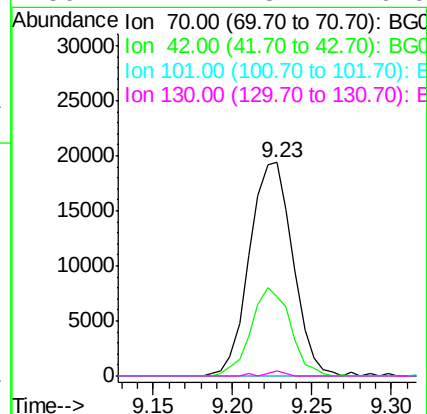
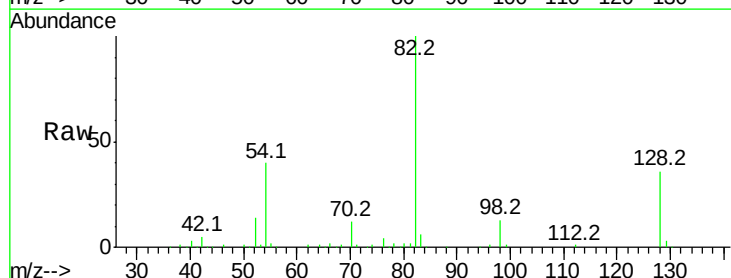
Ion Ratio Lower Upper

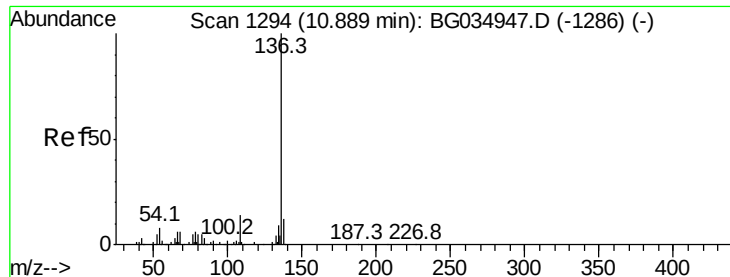
70 100

42 37.0 49.1 73.7#

101 0.0 8.5 12.7#

130 2.1 13.4 20.0#

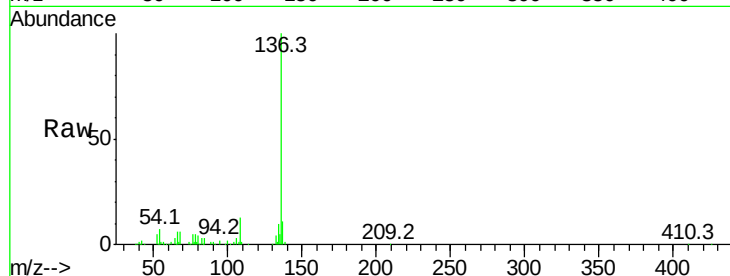




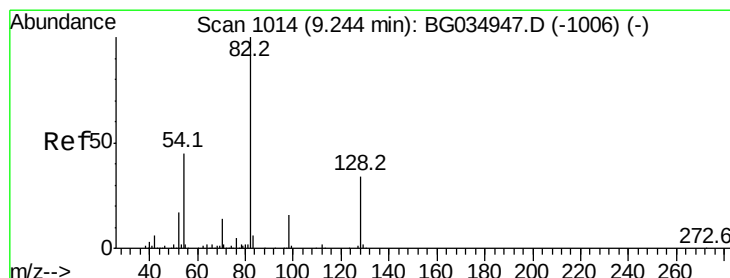
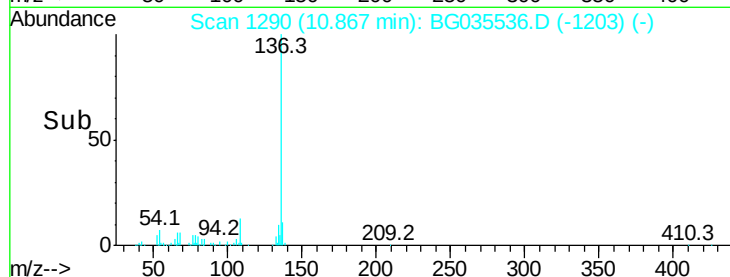
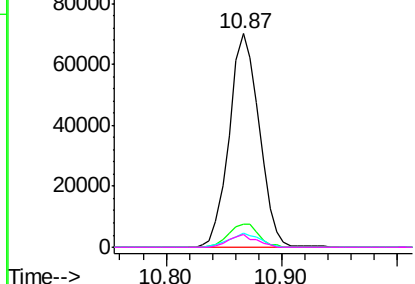
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BG035536.D
Acq: 30 Jun 2018 10:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	126278
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	6.8	10.3	15.5#
68	6.0	4.5	6.7

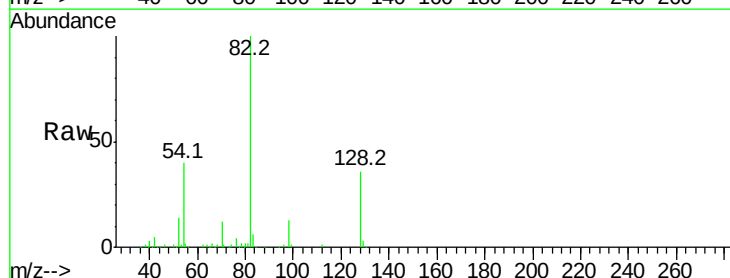


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

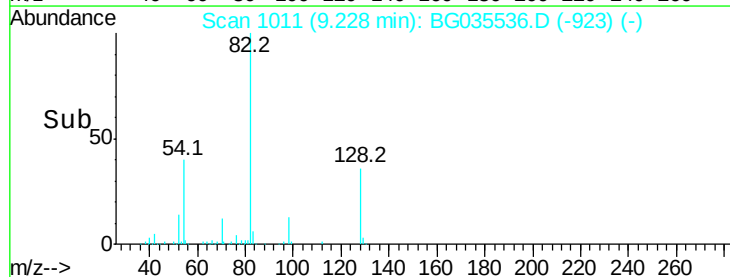
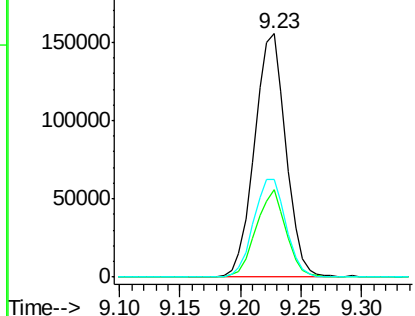


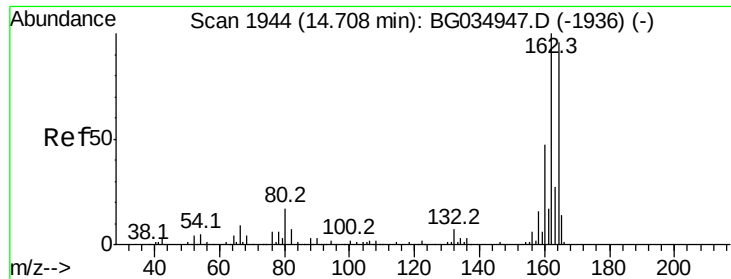
#23
Nitrobenzene-d5
Concen: 105.506 ng
RT: 9.23 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BG035536.D
Acq: 30 Jun 2018 10:59

Tgt Ion:	82	Resp:	280284
Ion	Ratio	Lower	Upper
82	100		
128	36.1	29.7	44.5
54	40.2	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

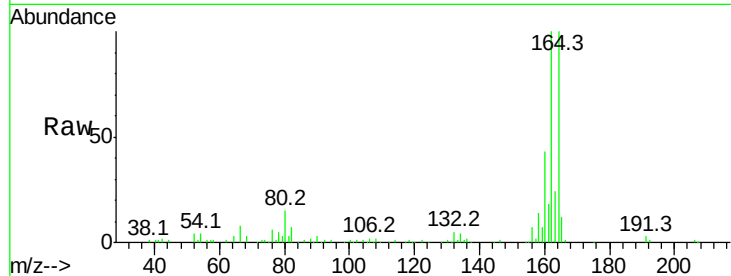




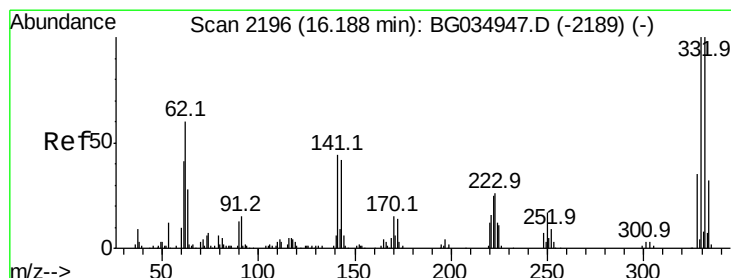
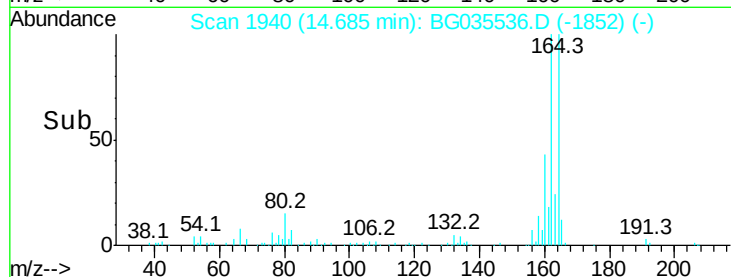
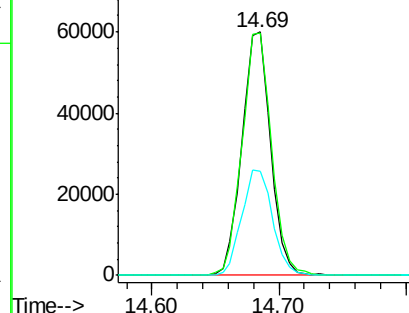
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1940
 Delta R.T. -0.01 min
 Lab File: BG035536.D
 Acq: 30 Jun 2018 10:59

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:164 Resp: 93588
 Ion Ratio Lower Upper
 164 100
 162 99.5 78.8 118.2
 160 42.6 35.4 53.0

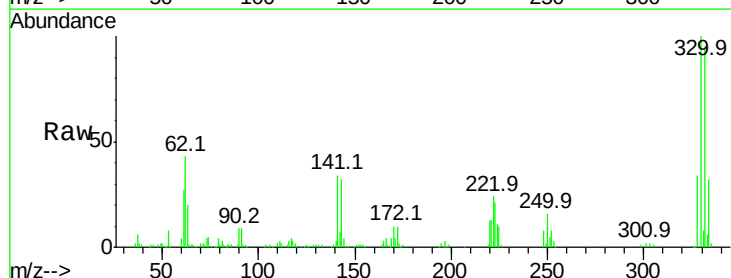


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

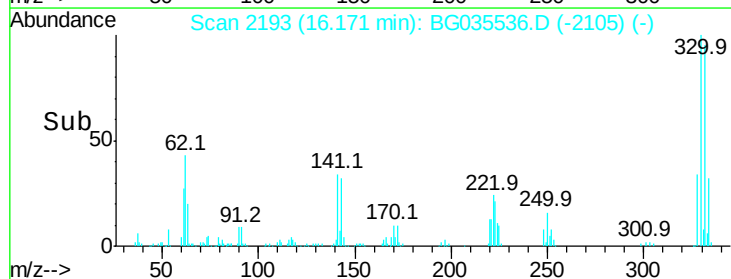
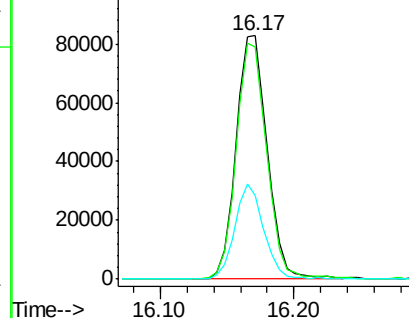


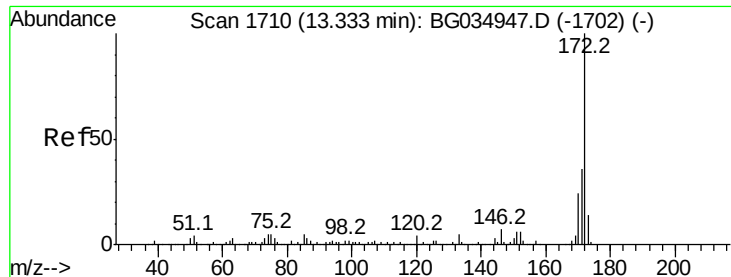
#41
 2,4,6-Tribromophenol
 Concen: 112.042 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG035536.D
 Acq: 30 Jun 2018 10:59

Tgt Ion:330 Resp: 134231
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.0 115.6
 141 36.4 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

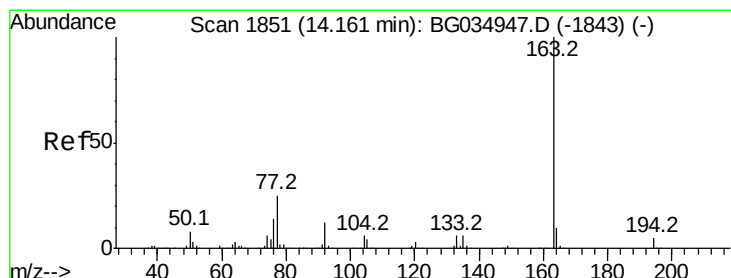
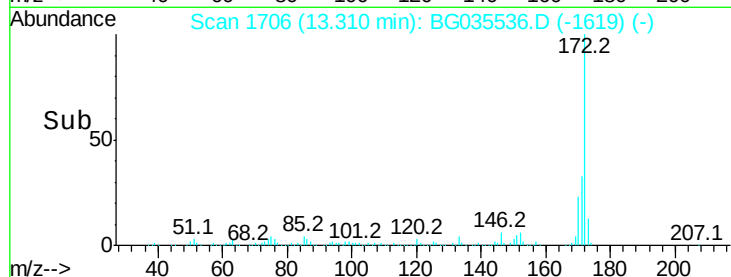
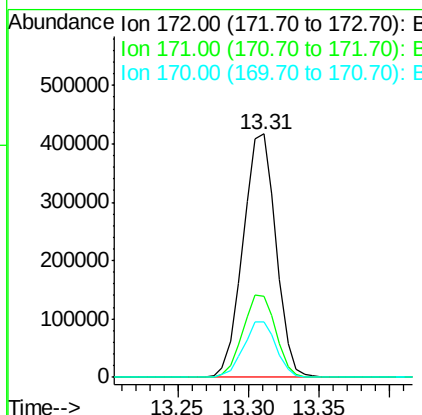
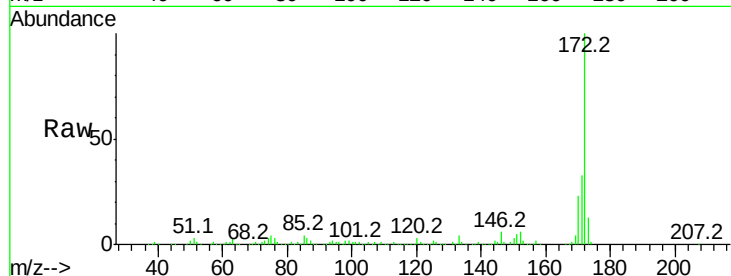




#44
2-Fluorobiphenyl
Concen: 94.568 ng
RT: 13.31 min Scan# 1706
Delta R.T. -0.02 min
Lab File: BG035536.D
Acq: 30 Jun 2018 10:59

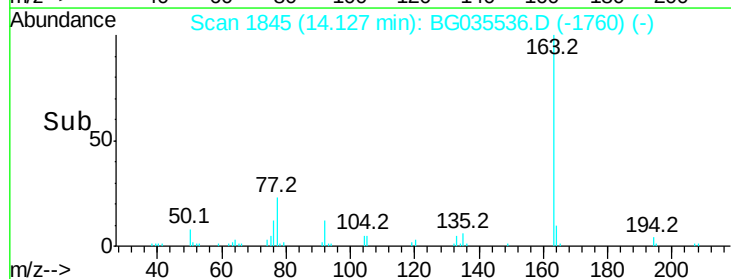
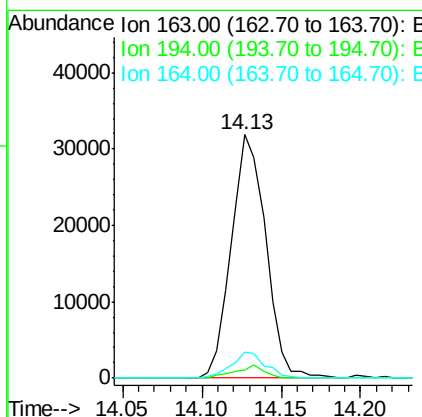
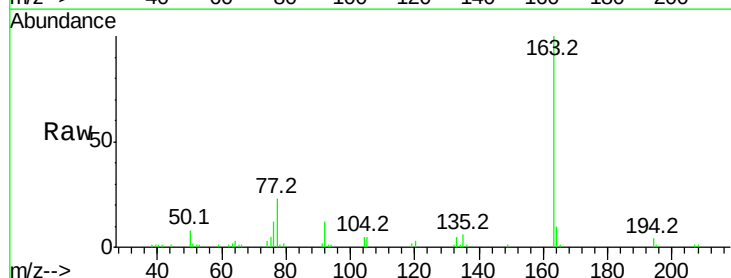
Instrument :
BNA_G
ClientSampleId :

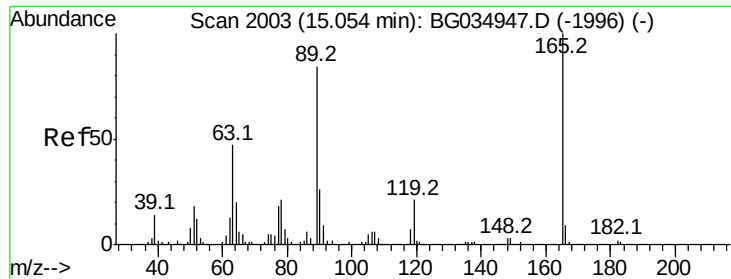
Tot Ion:172 Resp: 680802
Ion Ratio Lower Upper
172 100
171 33.2 30.0 45.0
170 22.7 19.5 29.3



#49
Dimethylphthalate
Concen: 5.902 ng
RT: 14.13 min Scan# 1845
Delta R.T. -0.03 min
Lab File: BG035536.D
Acq: 30 Jun 2018 10:59

Tgt Ion:163 Resp: 48164
Ion Ratio Lower Upper
163 100
194 3.5 3.4 5.2
164 10.5 8.2 12.4

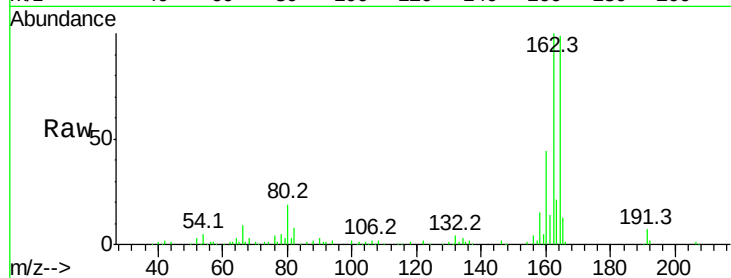




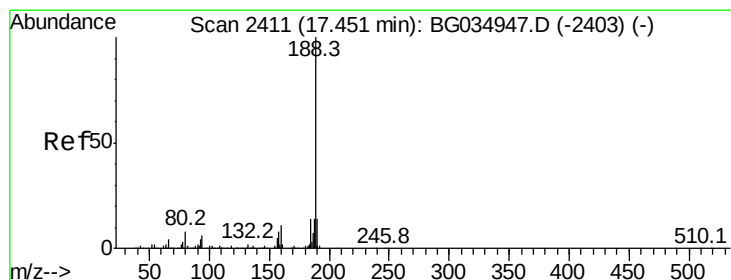
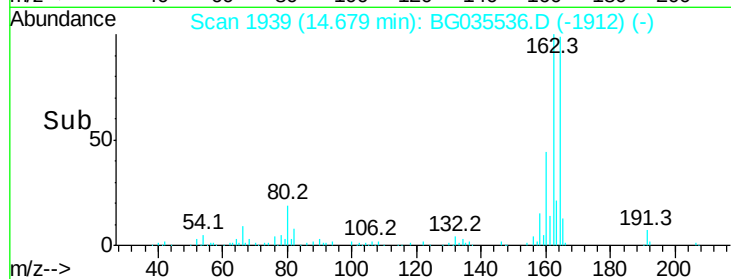
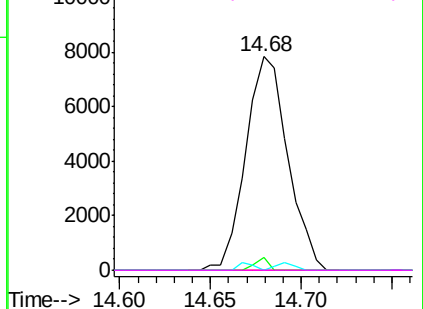
#56
 2,4-Dinitrotoluene
 Concen: 6.379 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.37 min
 Lab File: BG035536.D
 Acq: 30 Jun 2018 10:59

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 12617
 Ion Ratio Lower Upper
 165 100
 63 5.8 42.0 63.0#
 89 0.0 66.9 100.3#
 182 0.0 2.6 3.8#

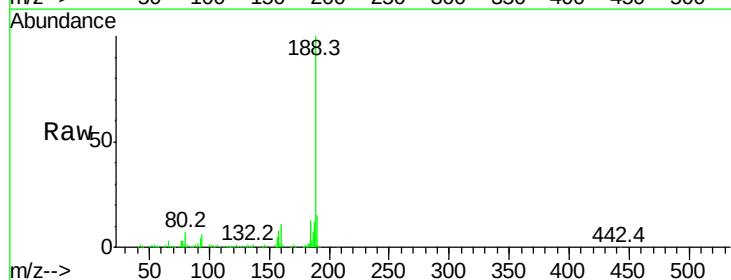


Abundance Ion 165.00 (164.70 to 165.70): E
 12000
 10000
 8000
 6000
 4000
 2000
 0

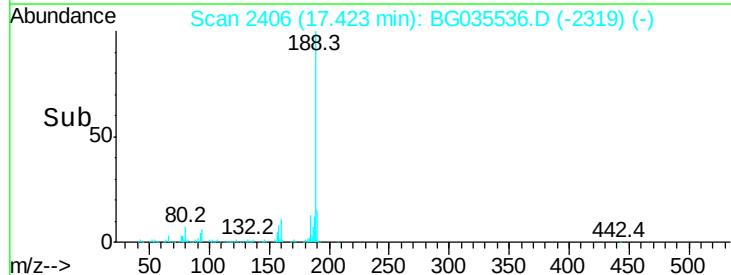
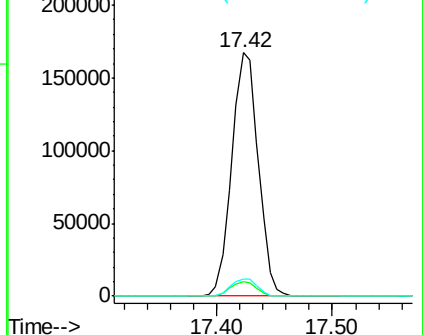


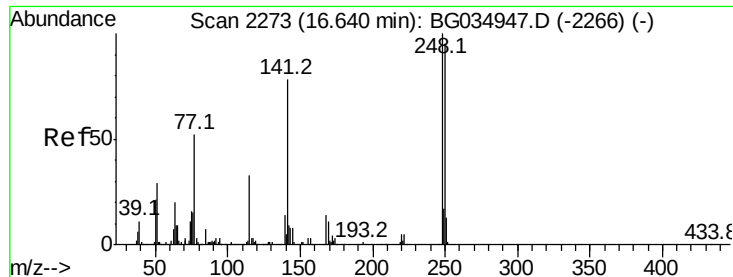
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2406
 Delta R.T. -0.02 min
 Lab File: BG035536.D
 Acq: 30 Jun 2018 10:59

Tgt Ion:188 Resp: 266663
 Ion Ratio Lower Upper
 188 100
 94 5.9 6.9 10.3#
 80 7.0 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E
 200000
 150000
 100000
 50000
 0

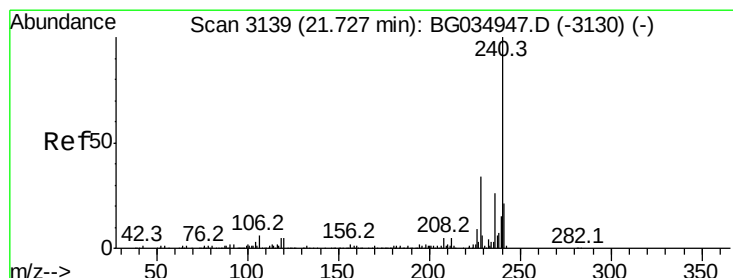
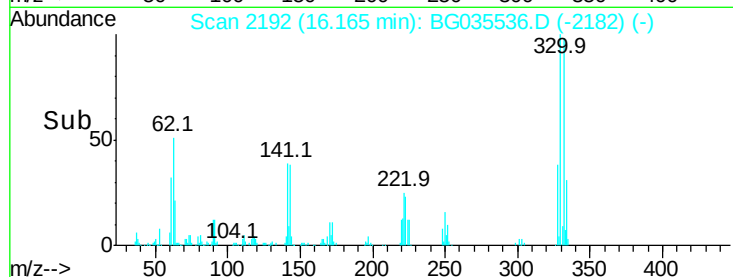
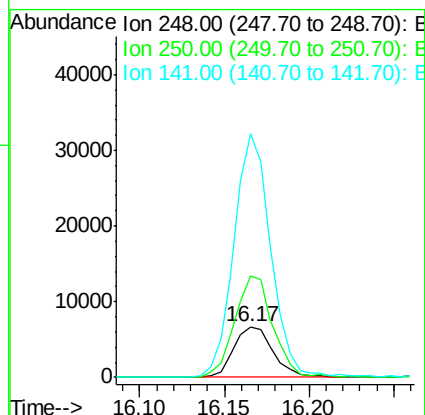
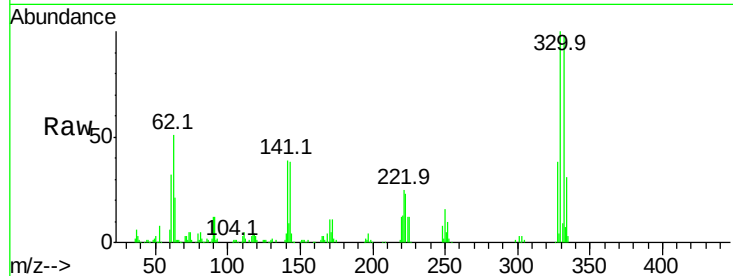




#66
 4-Bromophenyl-phenylether
 Concen: 3.340 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.47 min
 Lab File: BG035536.D
 Acq: 30 Jun 2018 10:59

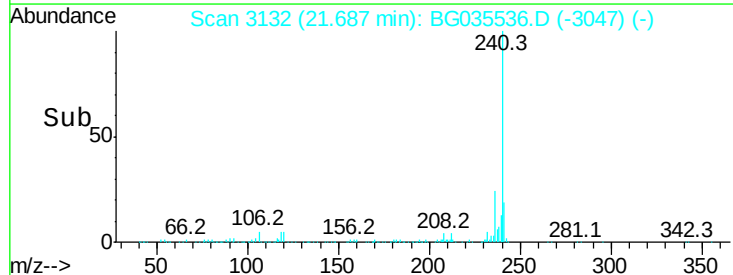
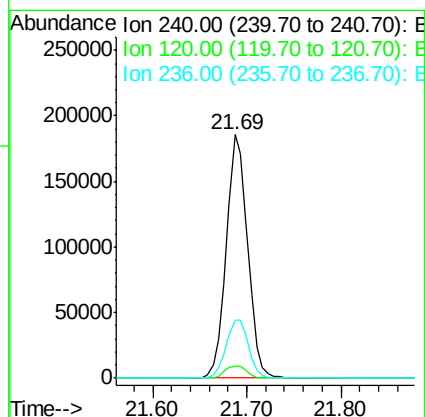
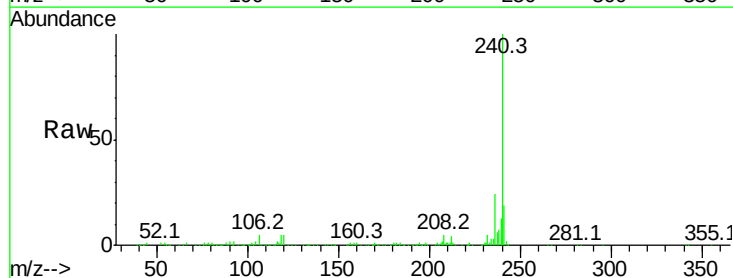
Instrument :
 BNA_G
 ClientSampleId :

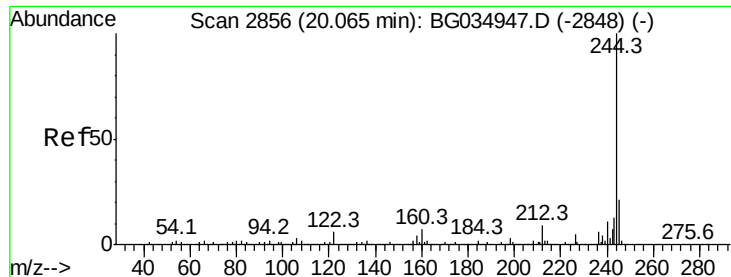
Tot Ion:248 Resp: 10726
 Ion Ratio Lower Upper
 248 100
 250 200.3 77.1 115.7#
 141 482.9 50.8 76.2#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3132
 Delta R.T. -0.03 min
 Lab File: BG035536.D
 Acq: 30 Jun 2018 10:59

Tgt Ion:240 Resp: 291894
 Ion Ratio Lower Upper
 240 100
 120 4.9 6.8 10.2#
 236 23.8 20.9 31.3





#78

Terphenyl-d14

Concen: 89.226 ng

RT: 20.03 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BG035536.D

Acq: 30 Jun 2018 10:59

Instrument :

BNA_G

ClientSampleId :

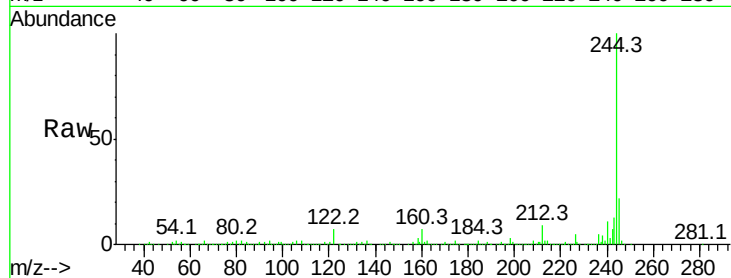
Tot Ion:244 Resp: 1243363

Ion Ratio Lower Upper

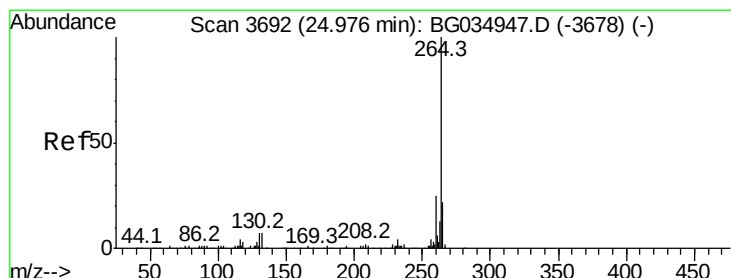
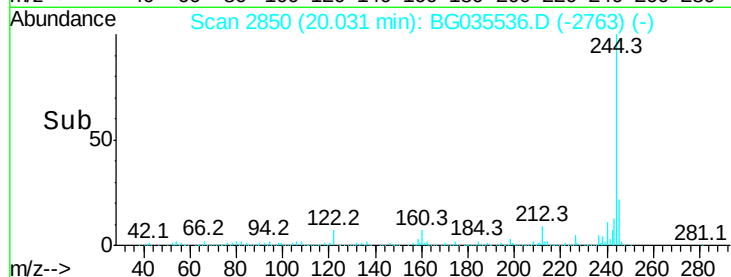
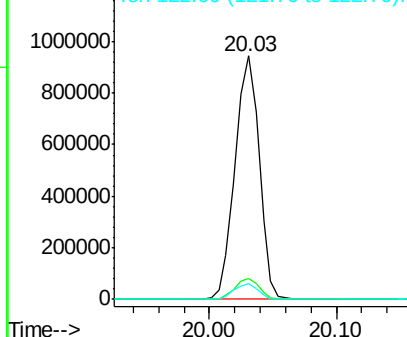
244 100

212 8.6 5.8 8.8

122 6.5 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# 3681

Delta R.T. -0.04 min

Lab File: BG035536.D

Acq: 30 Jun 2018 10:59

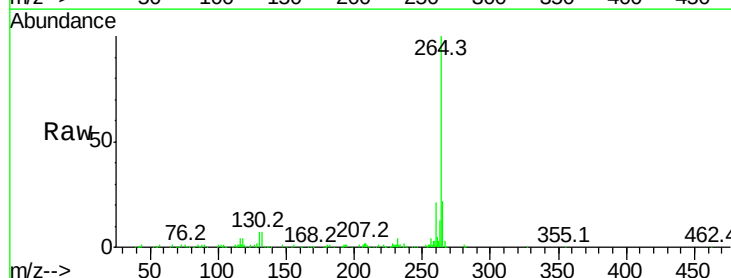
Tgt Ion:264 Resp: 269445

Ion Ratio Lower Upper

264 100

260 21.3 17.4 26.0

265 21.9 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

