

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG063018\
 Data File : BG035543.D
 Acq On : 30 Jun 2018 15:30
 Operator : JU/SJ
 Sample : J3758-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 02 02:28:52 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

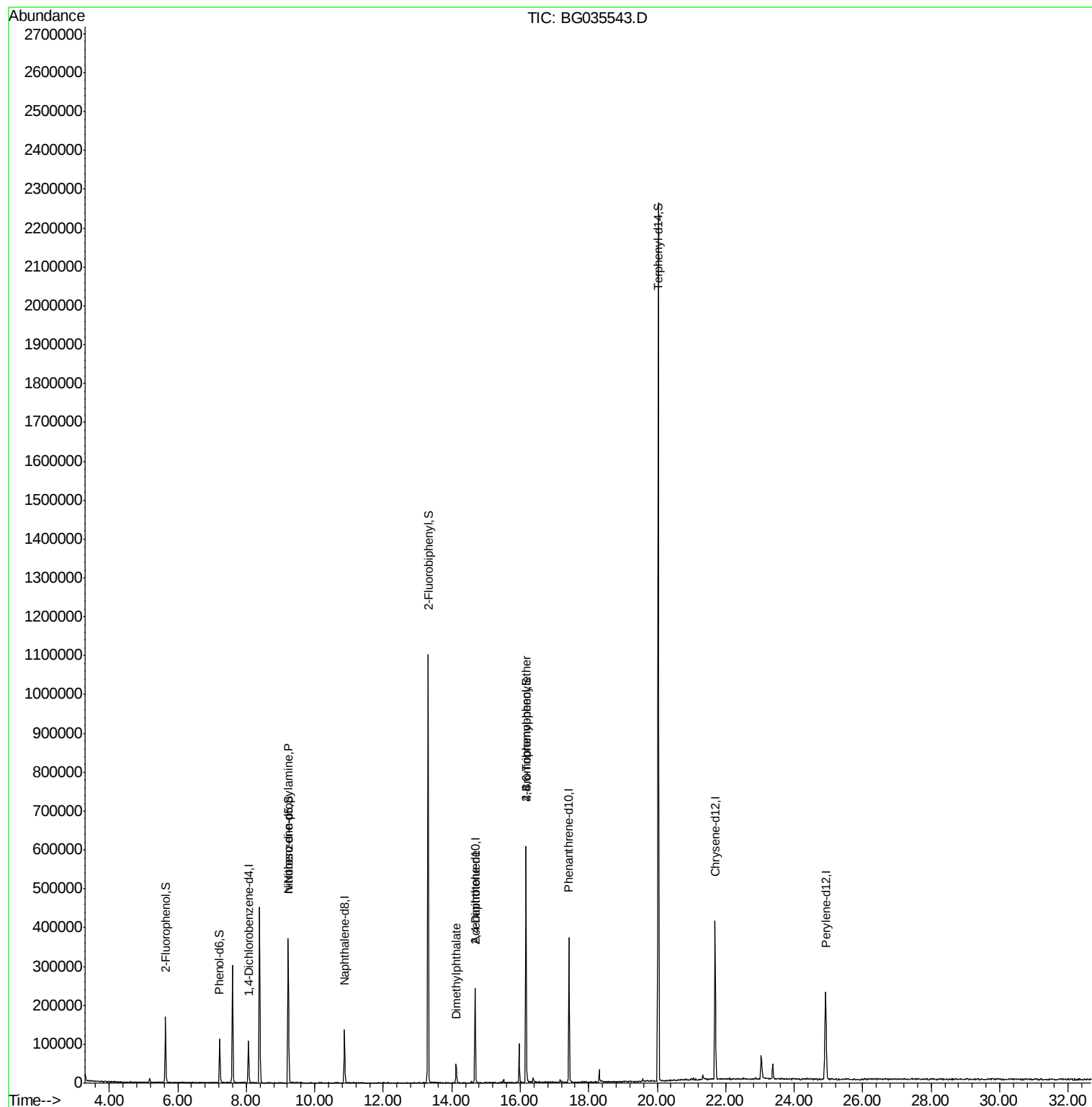
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	31506	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	114956	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	85760	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	243956	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	274497	20.00	ng	-0.02
86) Perylene-d12	24.92	264	259651	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	73873	39.57	ng	0.00
7) Phenol-d6	7.22	99	68995	25.04	ng	0.00
23) Nitrobenzene-d5	9.23	82	250563	103.61	ng	-0.01
41) 2,4,6-Tribromophenol	16.17	330	118080	107.56	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	608725	92.27	ng	-0.02
78) Terphenyl-d14	20.03	244	1122657	85.67	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	35511	15.169	ng	# 66
49) Dimethylphthalate	14.13	163	35623	4.763	ng	# 96
56) 2,4-Dinitrotoluene	14.68	165	11181	6.169	ng	# 19
66) 4-Bromophenyl-phenylether	16.16	248	9372	3.190	ng	# 1

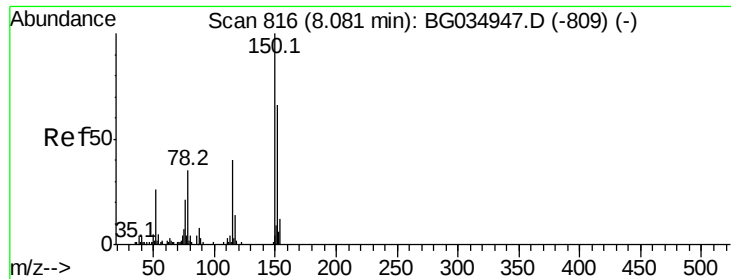
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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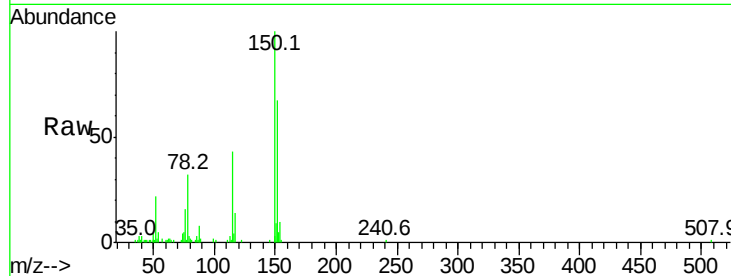


#1

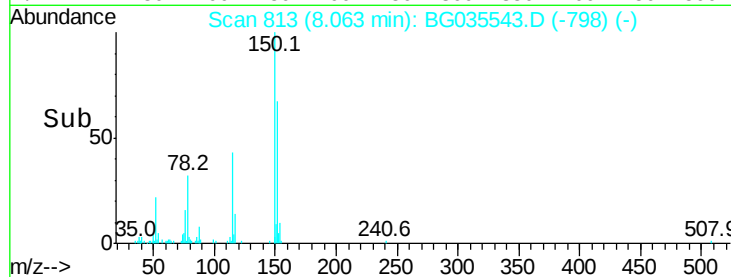
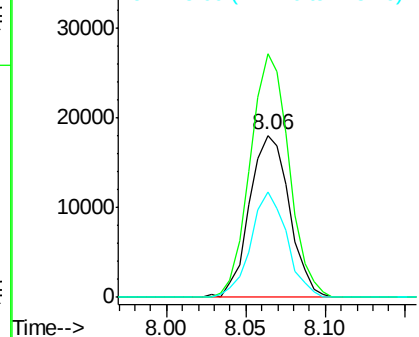
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG035543.D
Acq: 30 Jun 2018 15:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.3	126.6	189.8
115	65.3	53.0	79.4



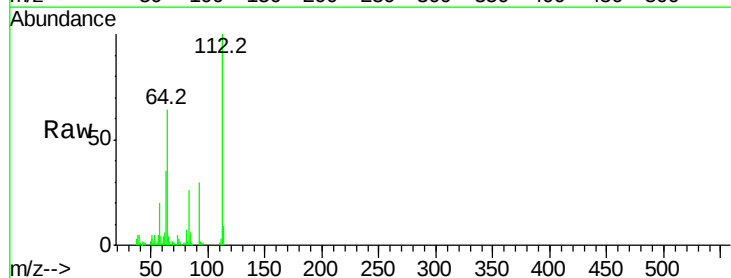
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



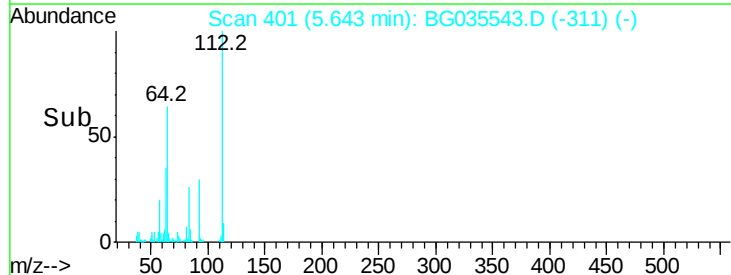
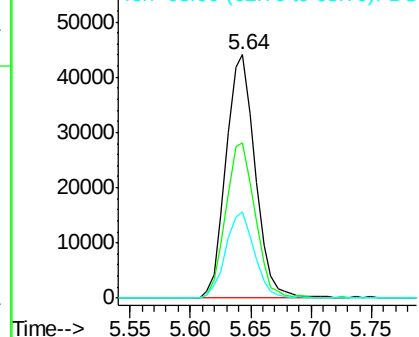
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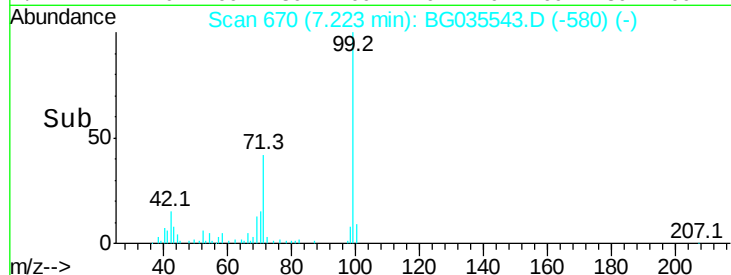
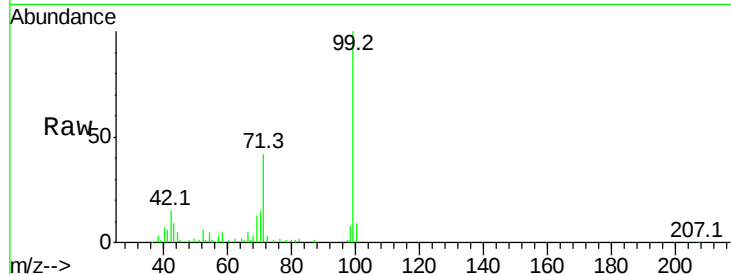
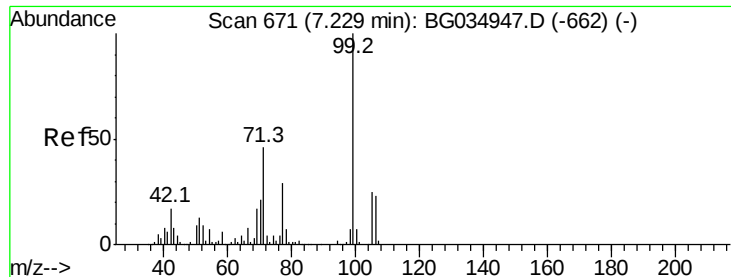
2-Fluorophenol
Concen: 39.570 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG035543.D
Acq: 30 Jun 2018 15:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.6	56.3	84.5
63	35.2	30.1	45.1



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





#7

Phenol-d6

Concen: 25.040 ng

RT: 7.22 min Scan# 670

Delta R.T. -0.00 min

Lab File: BG035543.D

Acq: 30 Jun 2018 15:30

Instrument :

BNA_G

ClientSampled :

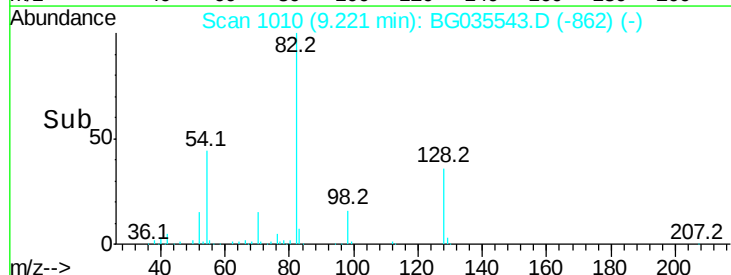
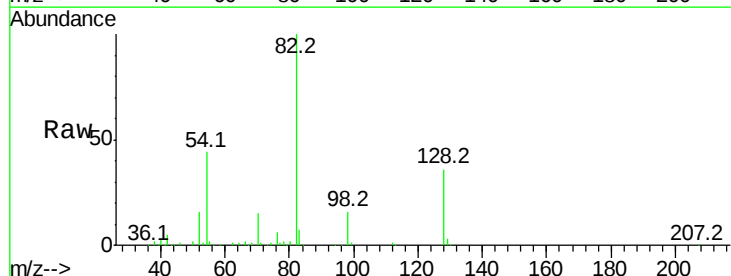
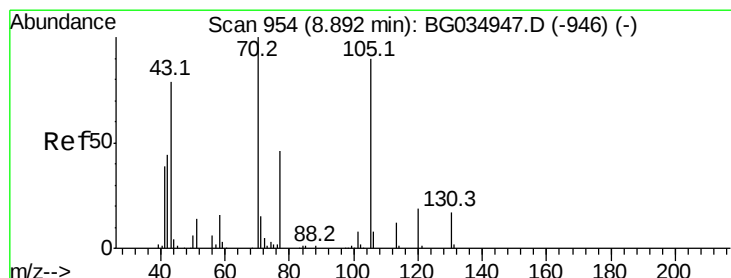
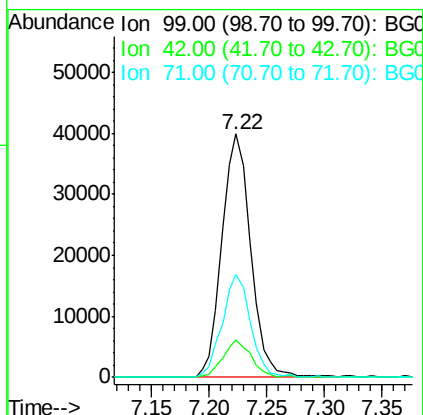
Tot Ion: 99 Resp: 68995

Ion Ratio Lower Upper

99 100

42 15.4 14.1 21.1

71 42.4 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 15.169 ng

RT: 9.22 min Scan# 1010

Delta R.T. 0.34 min

Lab File: BG035543.D

Acq: 30 Jun 2018 15:30

Tgt Ion: 70 Resp: 35511

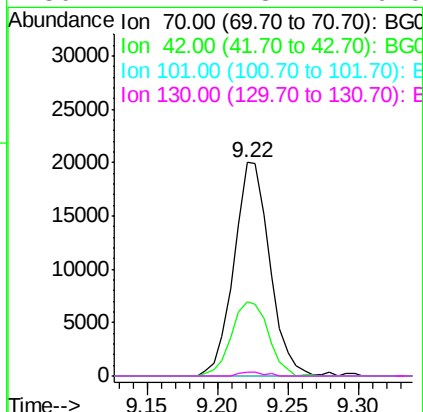
Ion Ratio Lower Upper

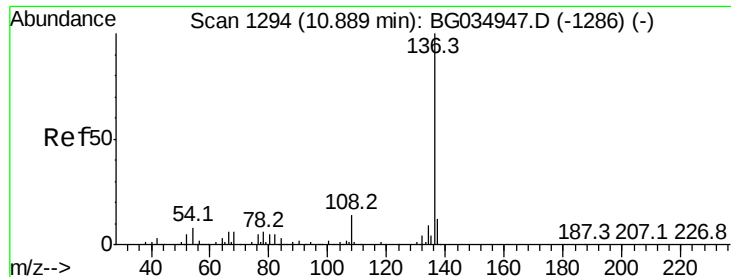
70 100

42 34.7 49.1 73.7#

101 0.0 8.5 12.7#

130 1.7 13.4 20.0#

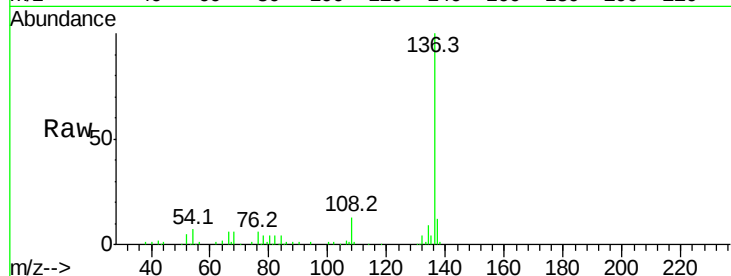




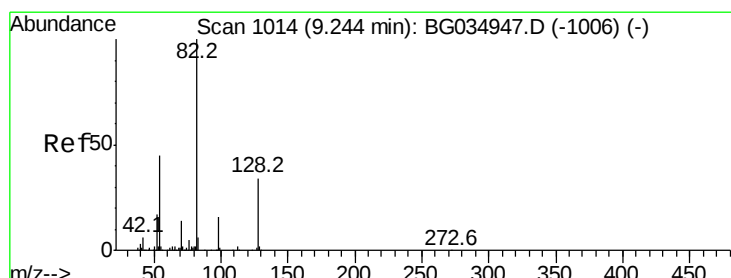
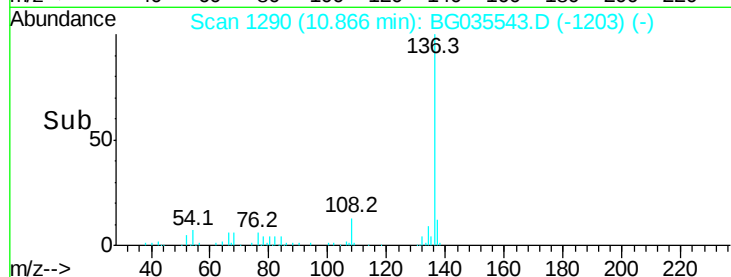
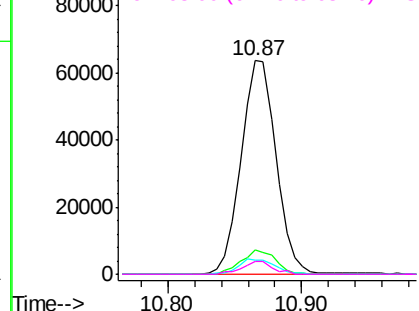
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BG035543.D
Acq: 30 Jun 2018 15:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	114956
Ion Ratio	Lower	Upper
136	100	
137	11.6	9.2 13.8
54	6.6	10.3 15.5#
68	5.9	4.5 6.7

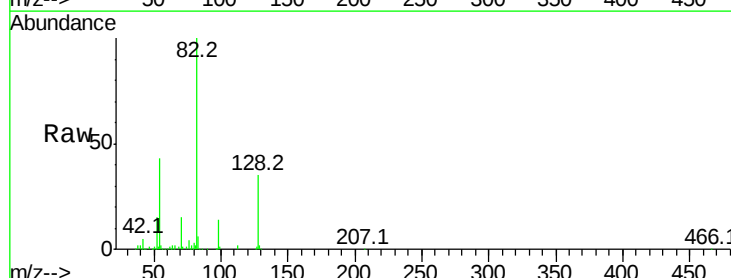


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

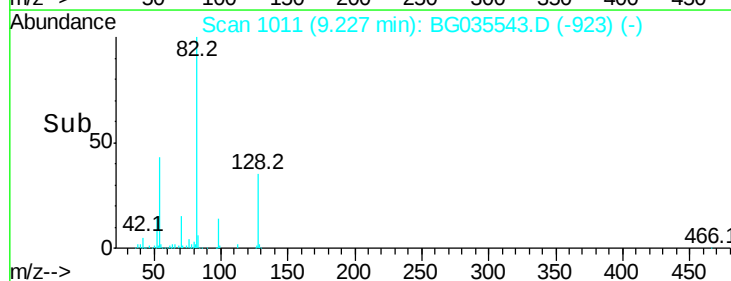
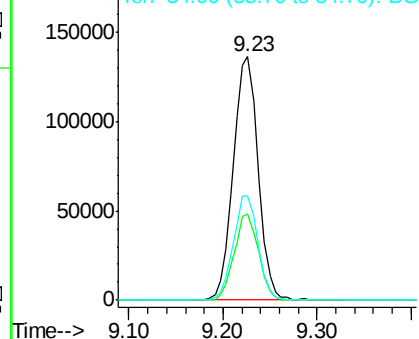


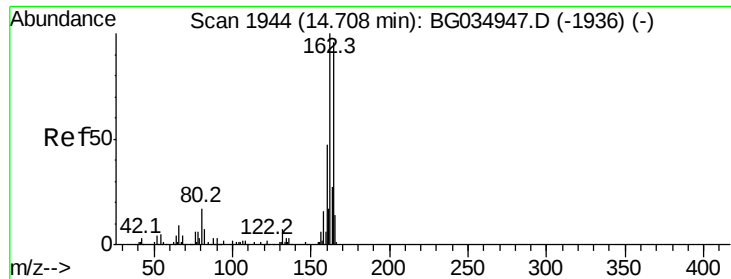
#23
Nitrobenzene-d5
Concen: 103.608 ng
RT: 9.23 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BG035543.D
Acq: 30 Jun 2018 15:30

Tgt Ion: 82	Resp:	250563
Ion Ratio	Lower	Upper
82	100	
128	35.4	29.7 44.5
54	42.7	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

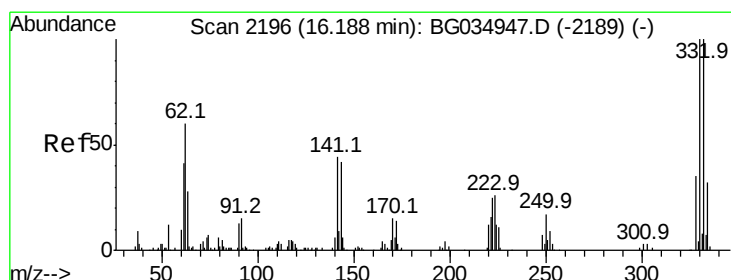
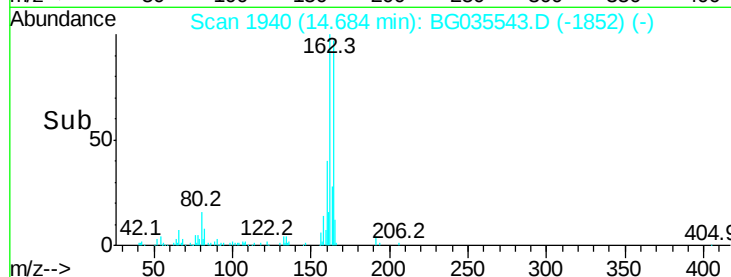
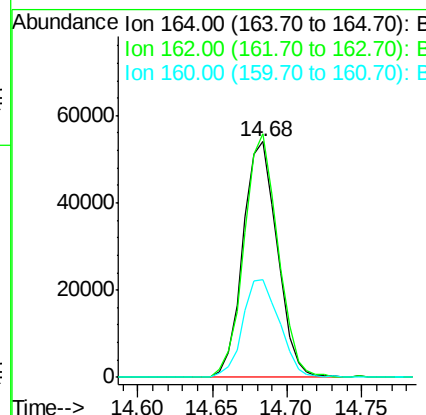
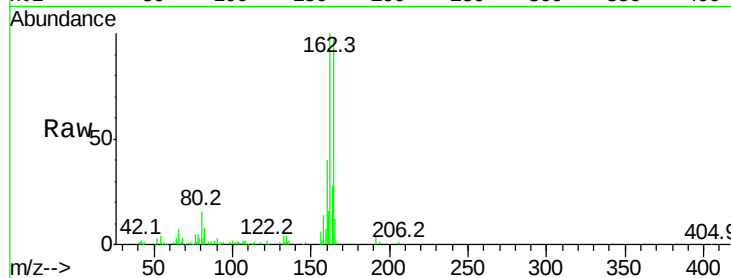




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1940
 Delta R.T. -0.01 min
 Lab File: BG035543.D
 Acq: 30 Jun 2018 15:30

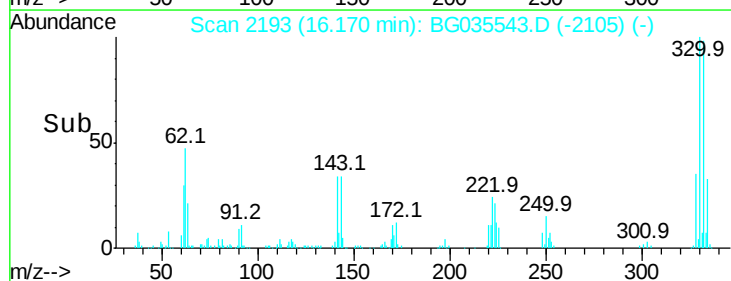
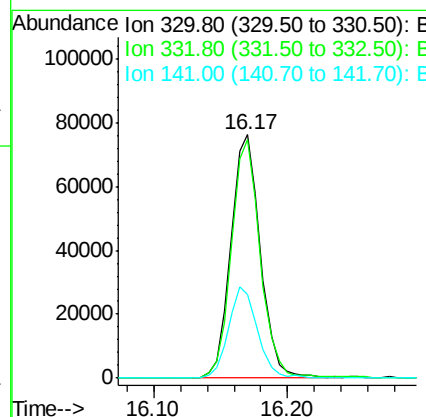
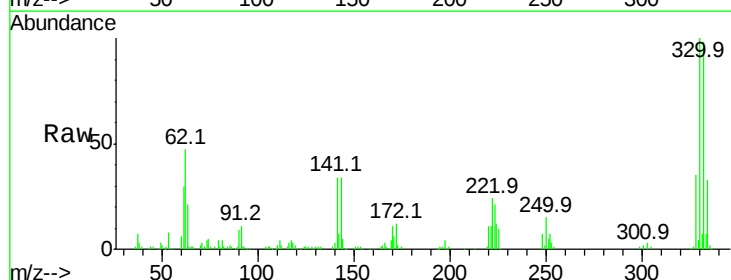
Instrument :
 BNA_G
 ClientSampleId :

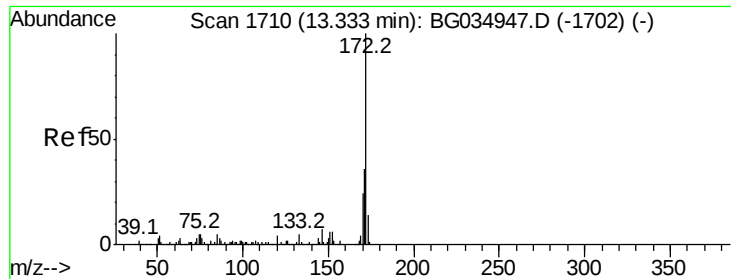
Tot Ion:164 Resp: 85760
 Ion Ratio Lower Upper
 164 100
 162 103.3 78.8 118.2
 160 41.4 35.4 53.0



#41
 2,4,6-Tribromophenol
 Concen: 107.557 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG035543.D
 Acq: 30 Jun 2018 15:30

Tgt Ion:330 Resp: 118080
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.0 115.6
 141 37.1 25.2 37.8

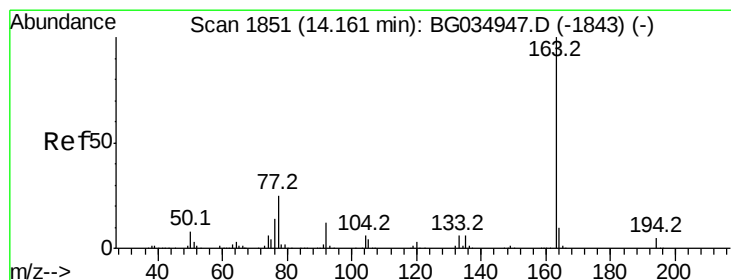
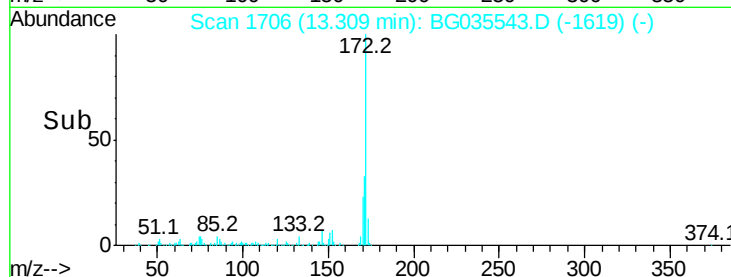
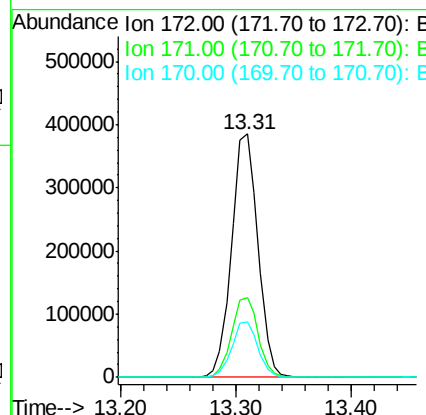
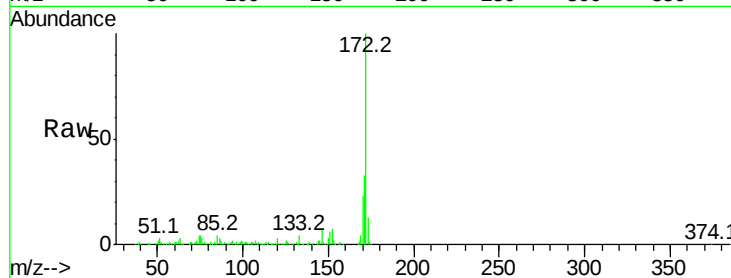




#44
 2-Fluorobiphenyl
 Concen: 92.274 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BG035543.D
 Acq: 30 Jun 2018 15:30

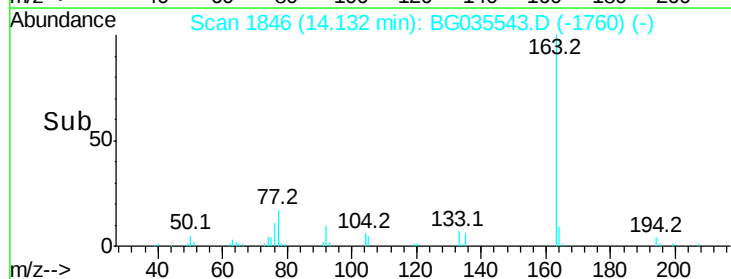
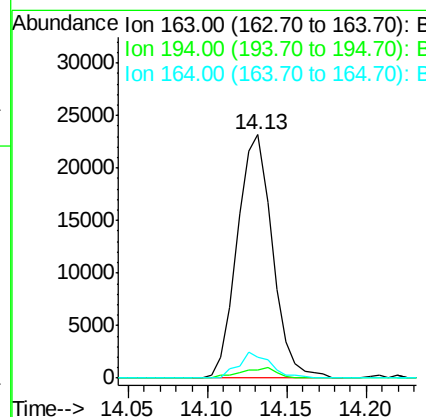
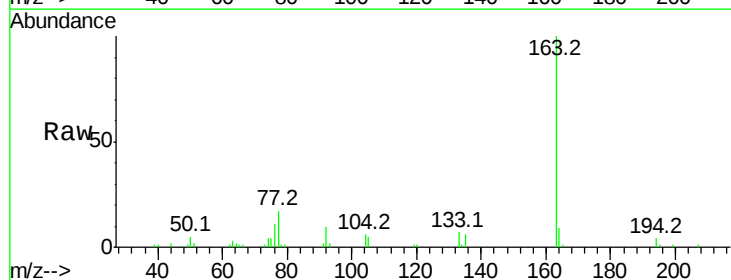
Instrument :
 BNA_G
 ClientSampleId :

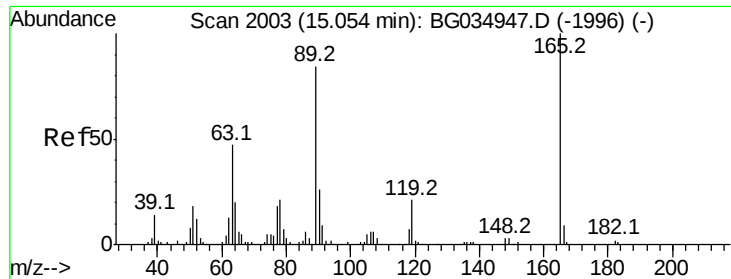
Tot Ion	Ratio	Lower	Upper
172	100		
171	33.0	30.0	45.0
170	23.0	19.5	29.3



#49
 Dimethylphthalate
 Concen: 4.763 ng
 RT: 14.13 min Scan# 1846
 Delta R.T. -0.02 min
 Lab File: BG035543.D
 Acq: 30 Jun 2018 15:30

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.4	5.2
164	8.5	8.2	12.4

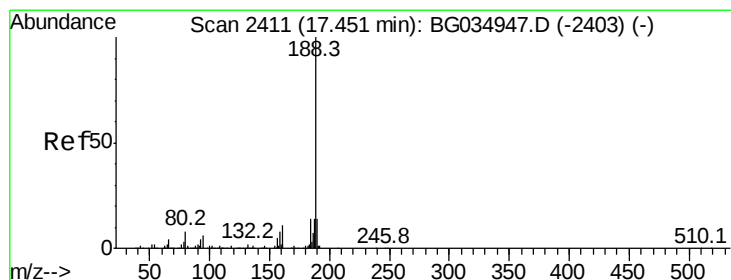
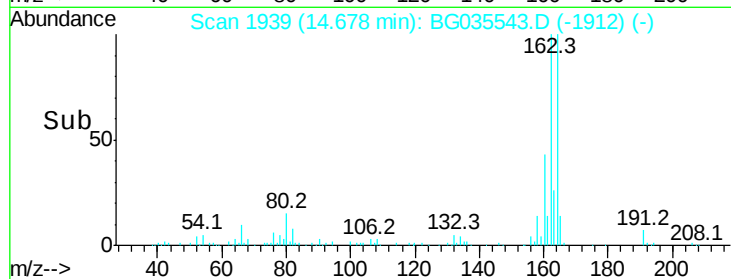
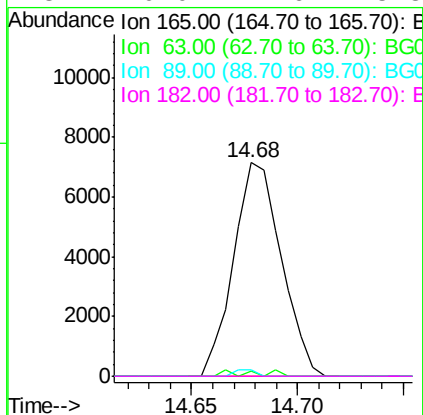
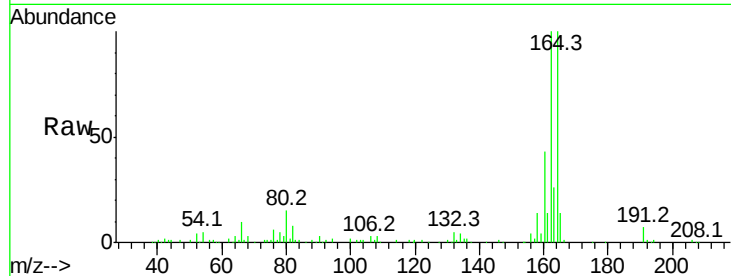




#56
 2,4-Dinitrotoluene
 Concen: 6.169 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.37 min
 Lab File: BG035543.D
 Acq: 30 Jun 2018 15:30

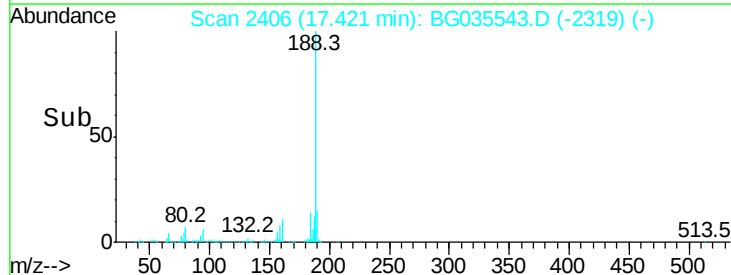
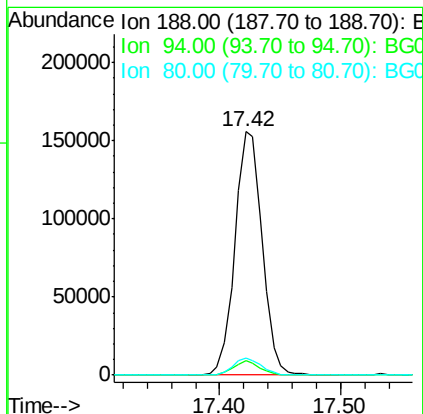
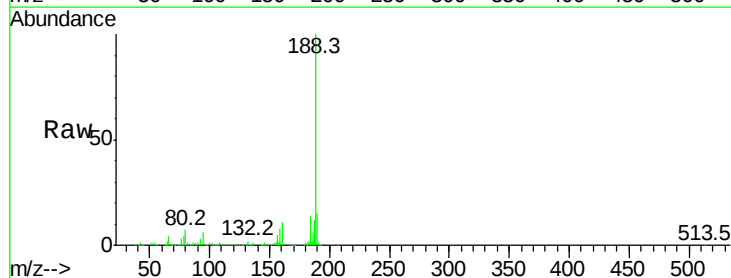
Instrument :
 BNA_G
 ClientSampled :

Tot Ion:165 Resp: 11181
 Ion Ratio Lower Upper
 165 100
 63 2.1 42.0 63.0#
 89 2.8 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: BG035543.D
 Acq: 30 Jun 2018 15:30

Tgt Ion:188 Resp: 243956
 Ion Ratio Lower Upper
 188 100
 94 6.0 6.9 10.3#
 80 7.2 7.7 11.5#

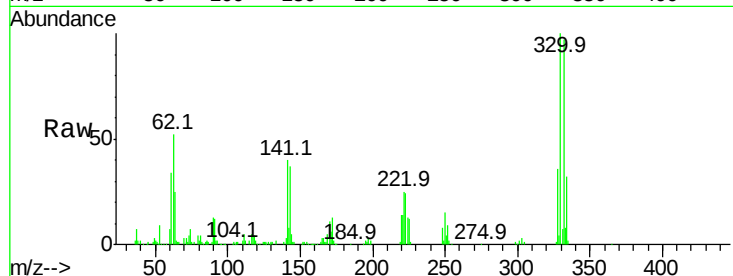




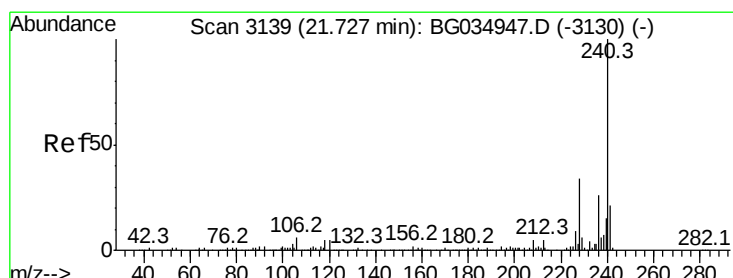
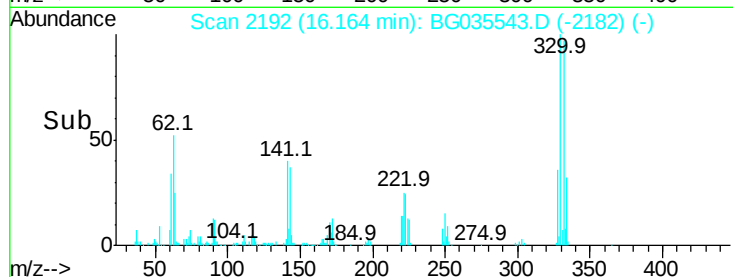
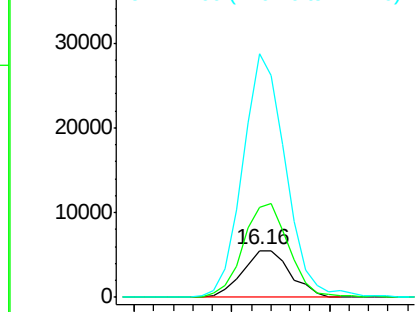
#66
4-Bromophenyl-phenylether
Concen: 3.190 ng
RT: 16.16 min Scan# 2192
Delta R.T. -0.47 min
Lab File: BG035543.D
Acq: 30 Jun 2018 15:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 9372
Ion Ratio Lower Upper
248 100
250 192.8 77.1 115.7#
141 518.6 50.8 76.2#

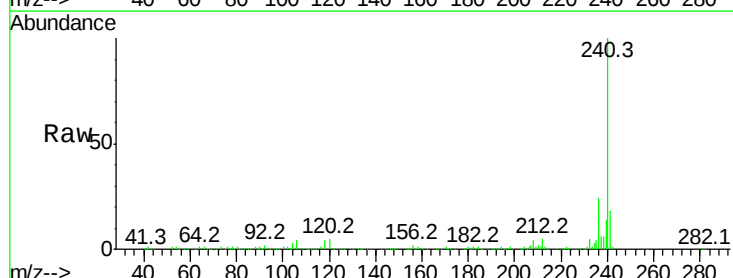


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

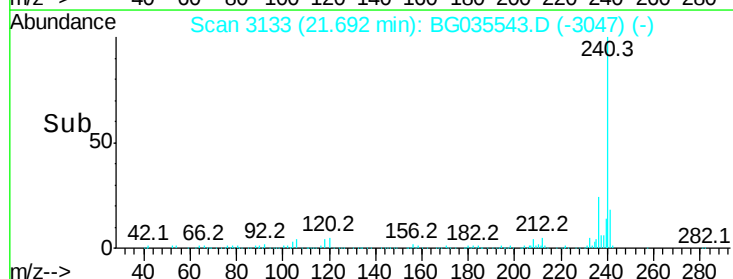
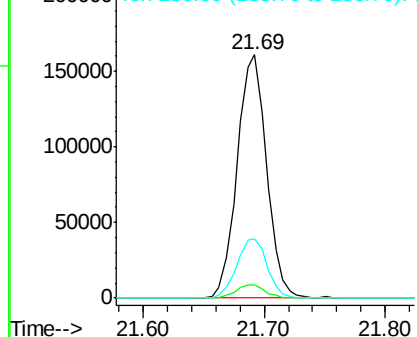


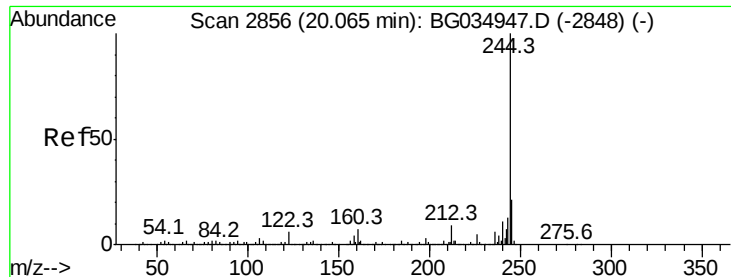
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3133
Delta R.T. -0.02 min
Lab File: BG035543.D
Acq: 30 Jun 2018 15:30

Tgt Ion:240 Resp: 274497
Ion Ratio Lower Upper
240 100
120 5.2 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: 85.669 ng

RT: 20.03 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BG035543.D

Acq: 30 Jun 2018 15:30

Instrument :

BNA_G

ClientSampleId :

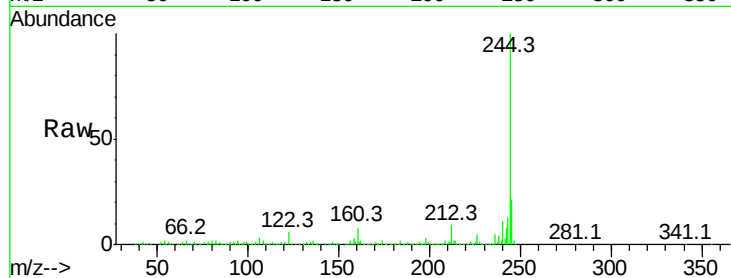
Tot Ion:244 Resp: 1122657

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

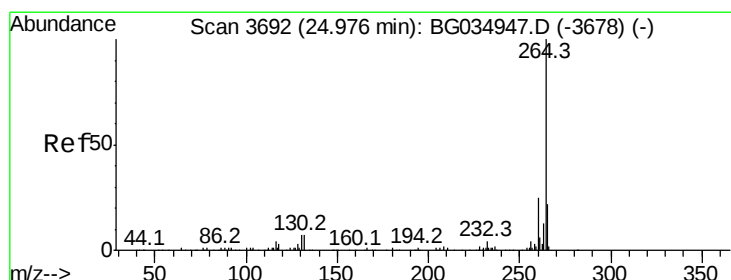
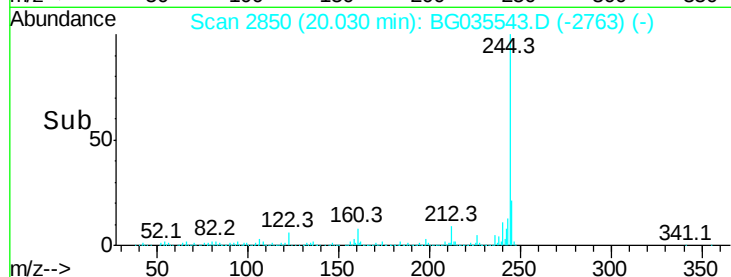
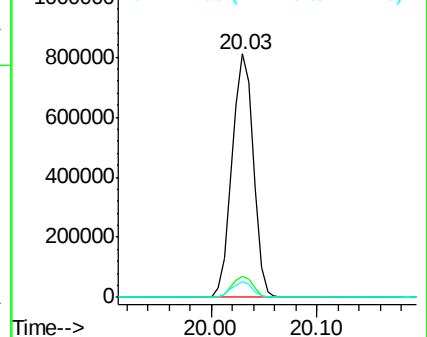
122 6.3 7.0 10.4#



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: 24.92 min Scan# 3682

Delta R.T. -0.04 min

Lab File: BG035543.D

Acq: 30 Jun 2018 15:30

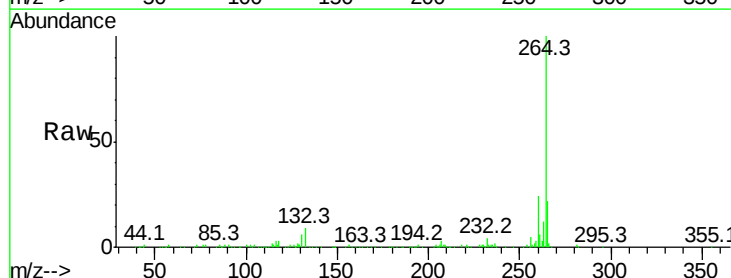
Tgt Ion:264 Resp: 259651

Ion Ratio Lower Upper

264 100

260 23.7 17.4 26.0

265 22.2 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

