

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG063018\
 Data File : BG035541.D
 Acq On : 30 Jun 2018 14:12
 Operator : JU/SJ
 Sample : J3757-08
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 02 02:28:32 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

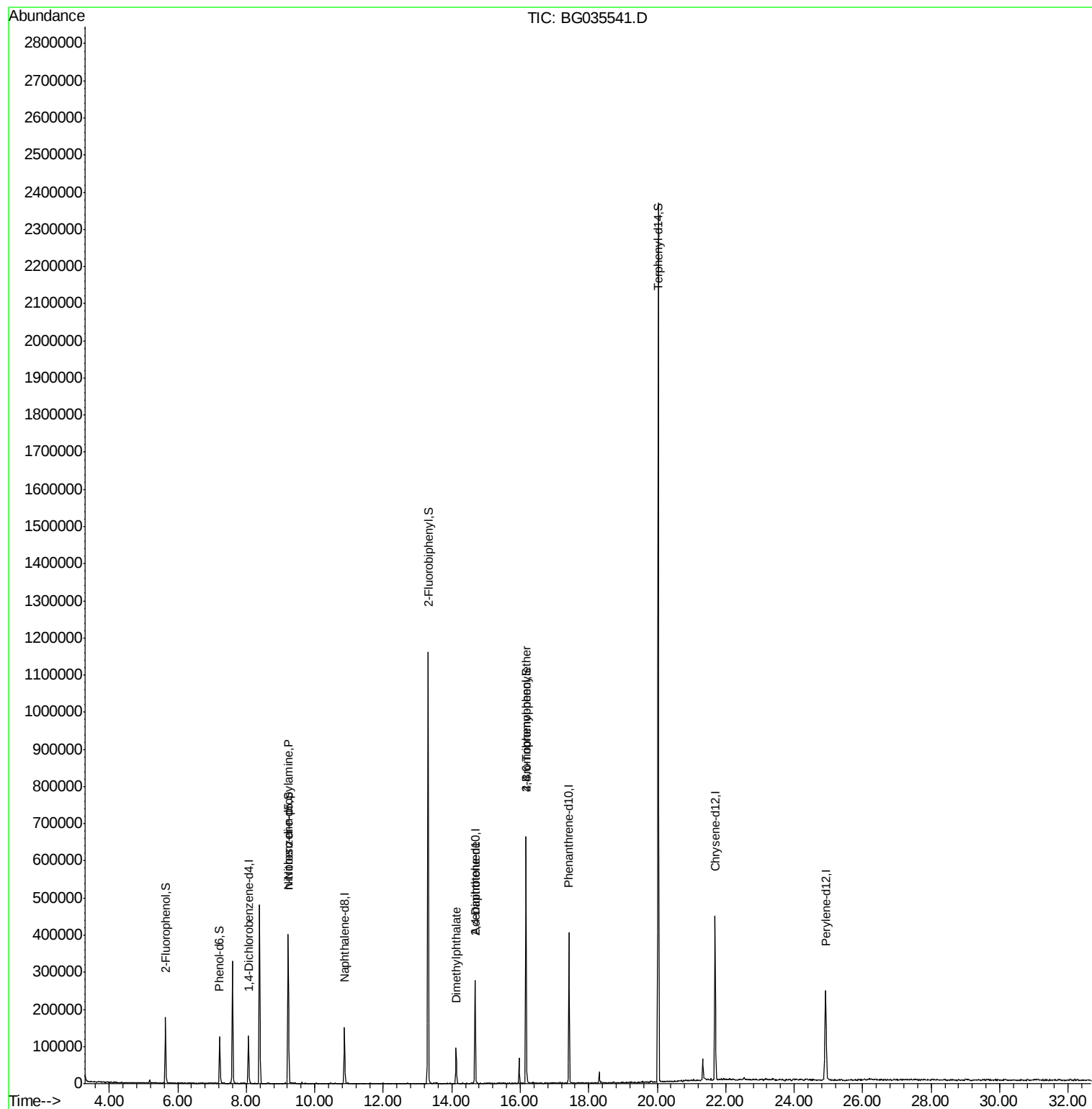
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	34198	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	128052	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	97752	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	263359	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	289013	20.00	ng	-0.02
86) Perylene-d12	24.91	264	276502	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	78824	38.90	ng	0.00
7) Phenol-d6	7.22	99	77218	25.82	ng	0.00
23) Nitrobenzene-d5	9.23	82	275863	102.40	ng	-0.01
41) 2,4,6-Tribromophenol	16.17	330	126401	101.01	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	657092	87.39	ng	-0.02
78) Terphenyl-d14	20.03	244	1146869	83.12	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.23	70	38128	15.005	ng	# 63
49) Dimethylphthalate	14.13	163	62172	7.294	ng	# 95
56) 2,4-Dinitrotoluene	14.68	165	13484	6.527	ng	# 20
66) 4-Bromophenyl-phenylether	16.16	248	10188	3.212	ng	# 1

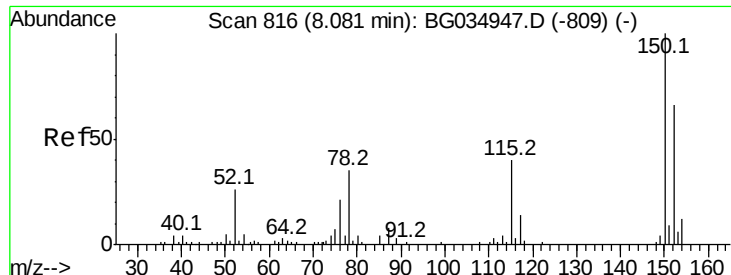
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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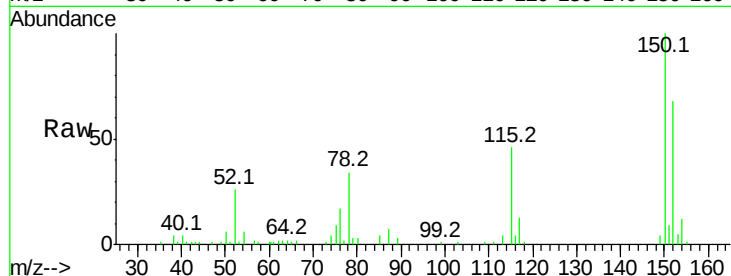


#1

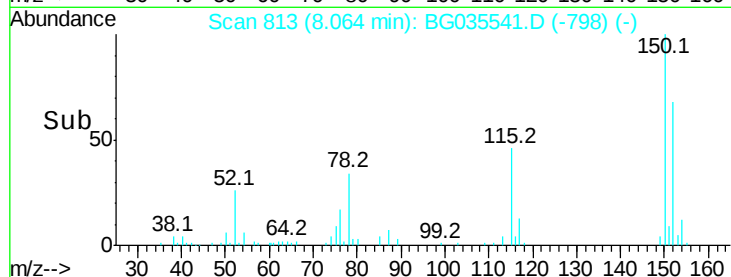
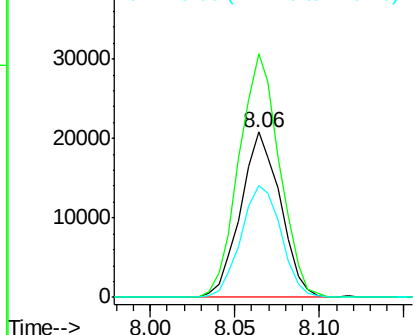
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG035541.D
Acq: 30 Jun 2018 14:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 34198
Ion Ratio Lower Upper
152 100
150 147.4 126.6 189.8
115 67.7 53.0 79.4



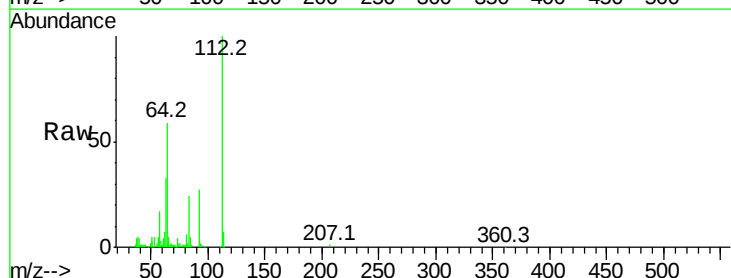
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



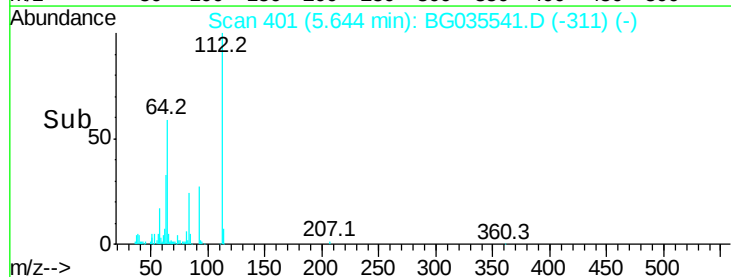
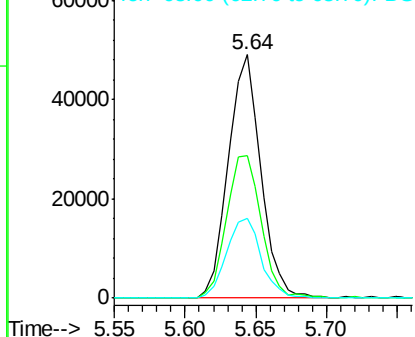
#5

2-Fluorophenol
Concen: 38.898 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG035541.D
Acq: 30 Jun 2018 14:12

Tgt Ion:112 Resp: 78824
Ion Ratio Lower Upper
112 100
64 58.8 56.3 84.5
63 32.6 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: 25.818 ng

RT: 7.22 min Scan# 670

Delta R.T. -0.00 min

Lab File: BG035541.D

Acq: 30 Jun 2018 14:12

Instrument :

BNA_G

ClientSampleId :

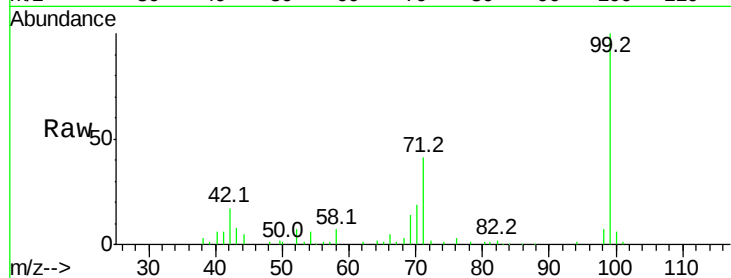
Tot Ion: 99 Resp: 77218

Ion Ratio Lower Upper

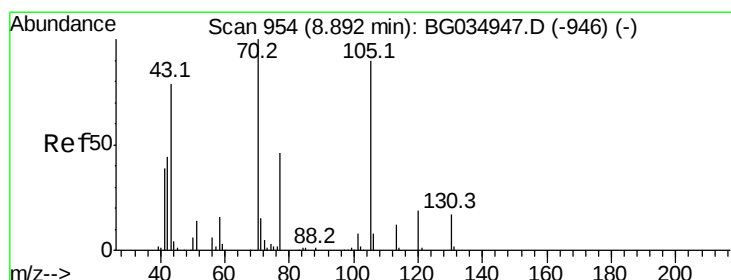
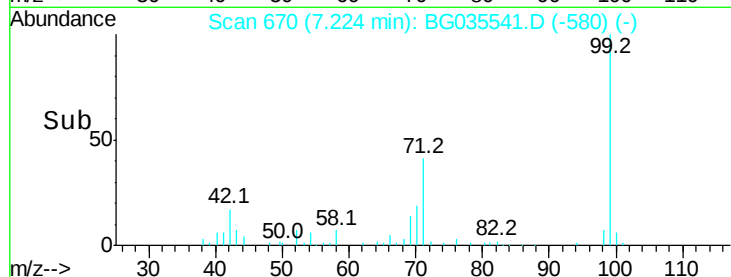
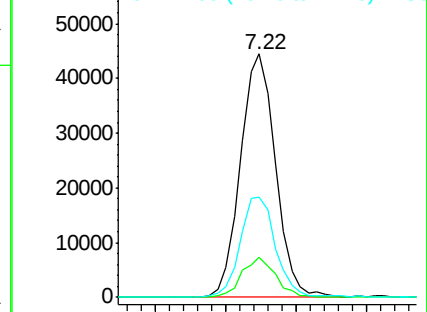
99 100

42 16.6 14.1 21.1

71 41.3 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: 15.005 ng

RT: 9.23 min Scan# 1011

Delta R.T. 0.35 min

Lab File: BG035541.D

Acq: 30 Jun 2018 14:12

Tgt Ion: 70 Resp: 38128

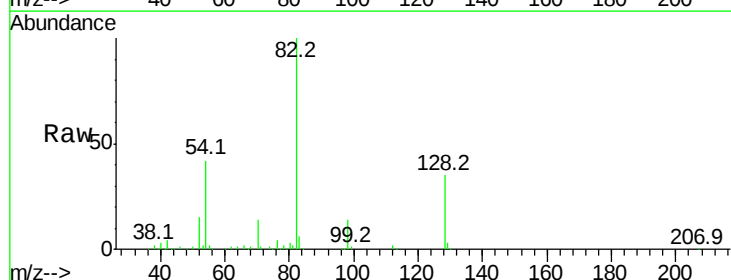
Ion Ratio Lower Upper

70 100

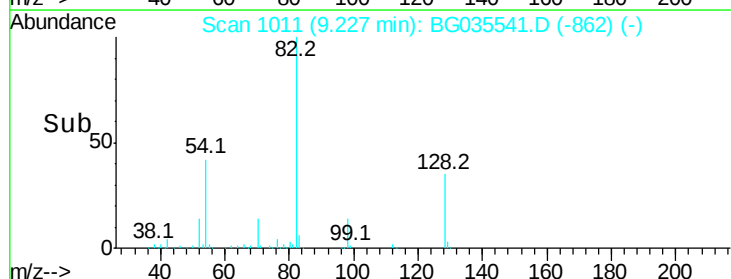
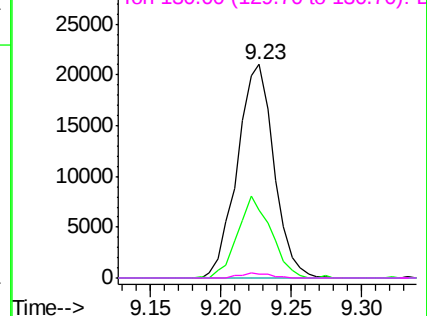
42 31.8 49.1 73.7#

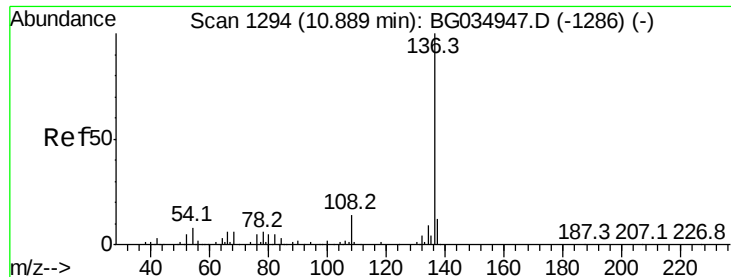
101 0.0 8.5 12.7#

130 1.7 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

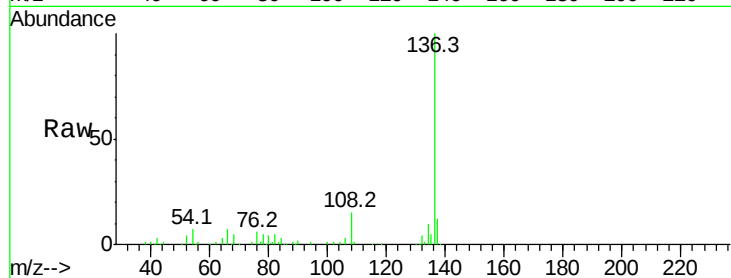




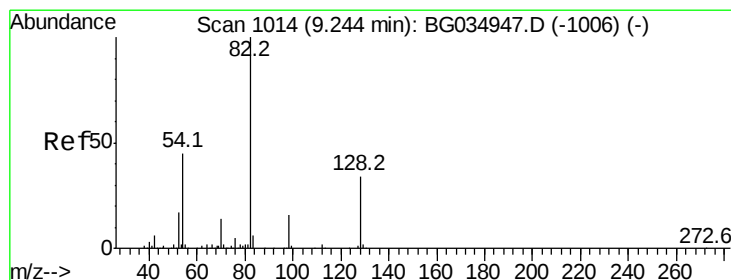
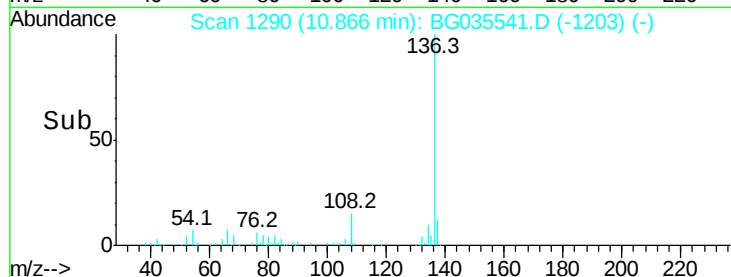
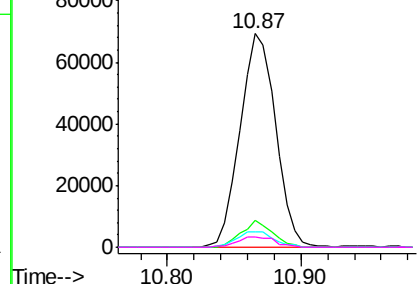
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BG035541.D
Acq: 30 Jun 2018 14:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	128052
Ion Ratio	Lower	Upper
136	100	
137	12.3	9.2 13.8
54	7.1	10.3 15.5#
68	4.8	4.5 6.7

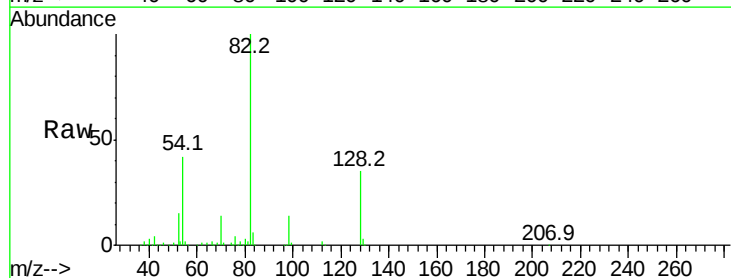


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

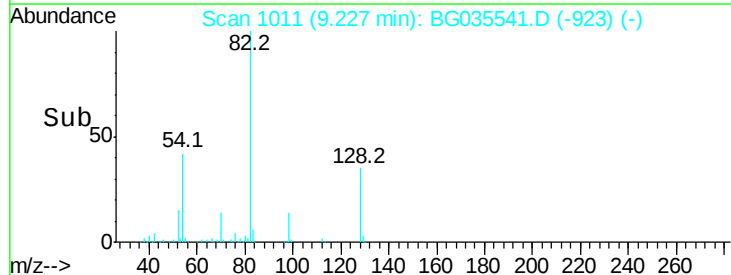
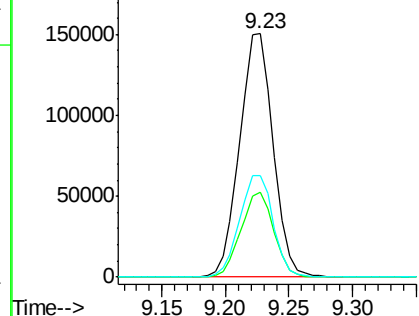


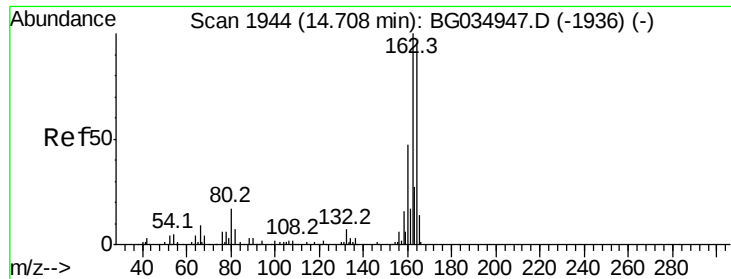
#23
Nitrobenzene-d5
Concen: 102.403 ng
RT: 9.23 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BG035541.D
Acq: 30 Jun 2018 14:12

Tgt Ion: 82	Resp:	275863
Ion Ratio	Lower	Upper
82	100	
128	34.8	29.7 44.5
54	41.5	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

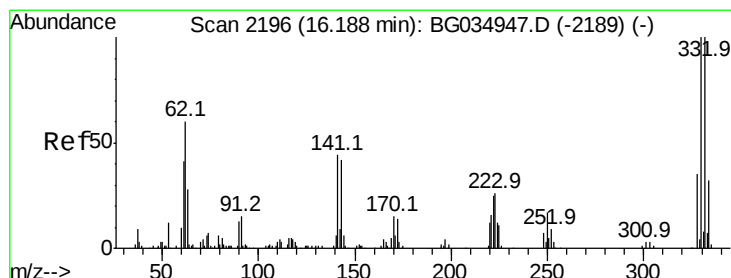
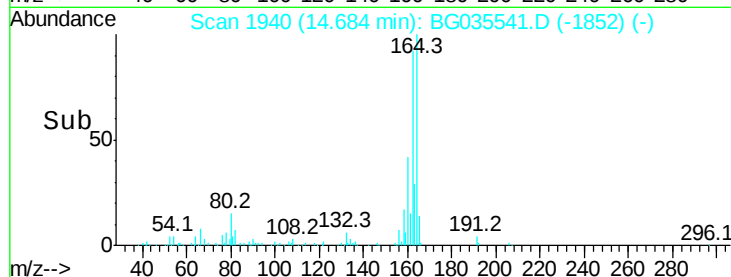
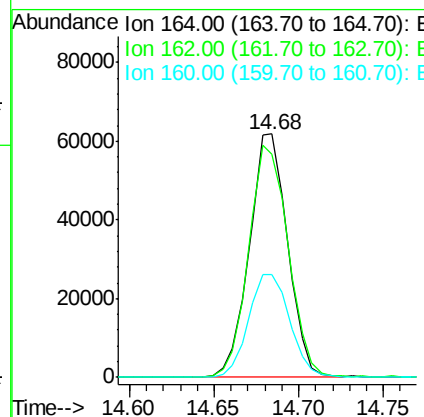
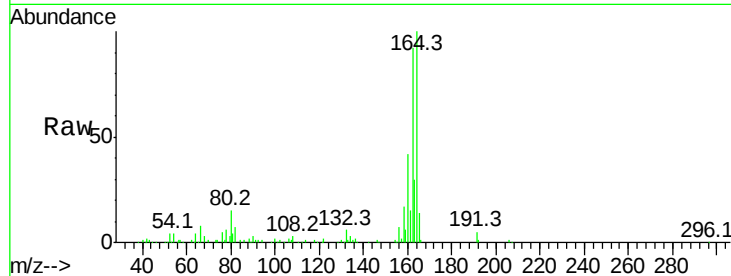




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1940
 Delta R.T. -0.01 min
 Lab File: BG035541.D
 Acq: 30 Jun 2018 14:12

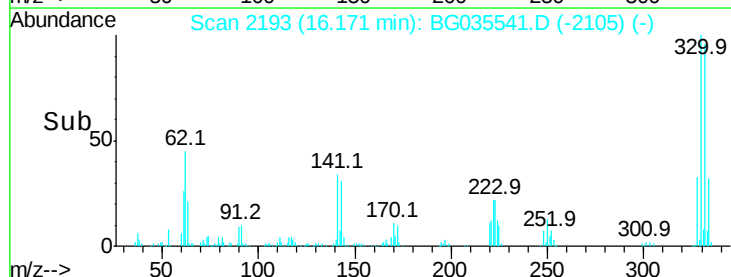
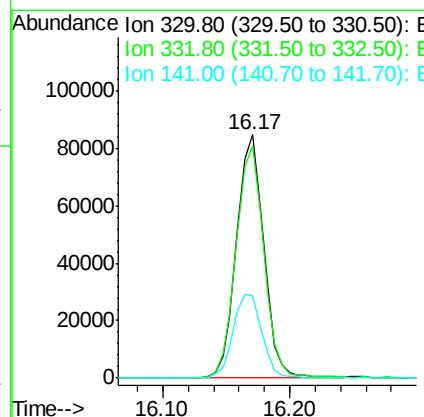
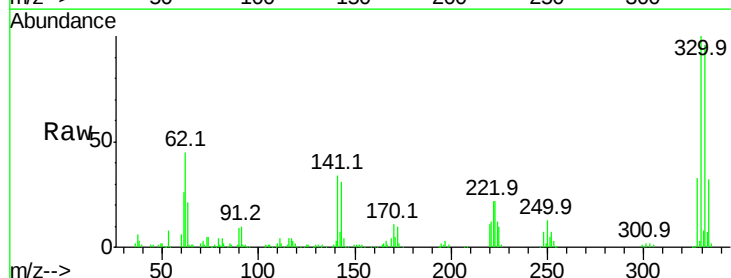
Instrument :
 BNA_G
 ClientSampleId :

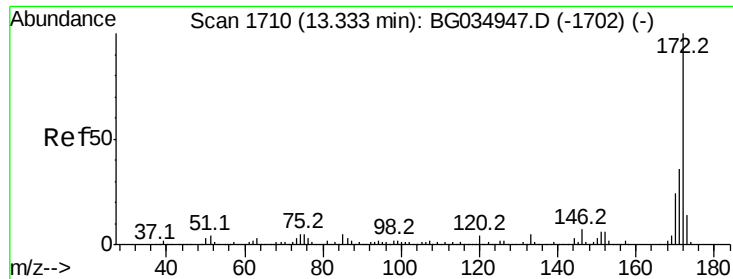
Tot Ion:164 Resp: 97752
 Ion Ratio Lower Upper
 164 100
 162 91.8 78.8 118.2
 160 42.3 35.4 53.0



#41
 2,4,6-Tribromophenol
 Concen: 101.012 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG035541.D
 Acq: 30 Jun 2018 14:12

Tgt Ion:330 Resp: 126401
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.0 115.6
 141 36.3 25.2 37.8

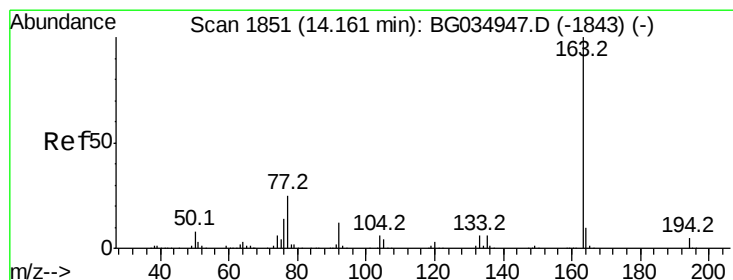
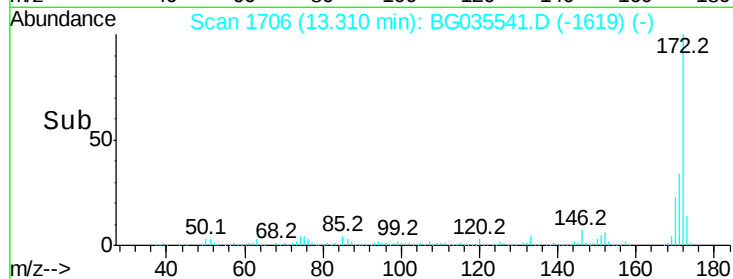
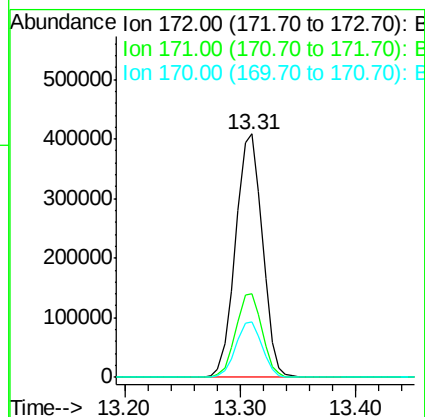
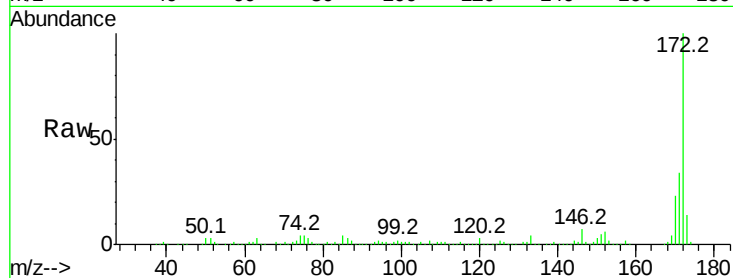




#44
 2-Fluorobiphenyl
 Concen: 87.386 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BG035541.D
 Acq: 30 Jun 2018 14:12

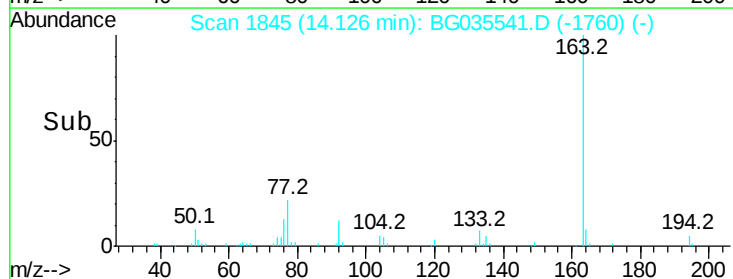
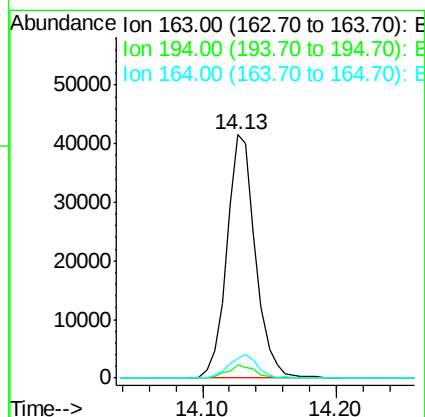
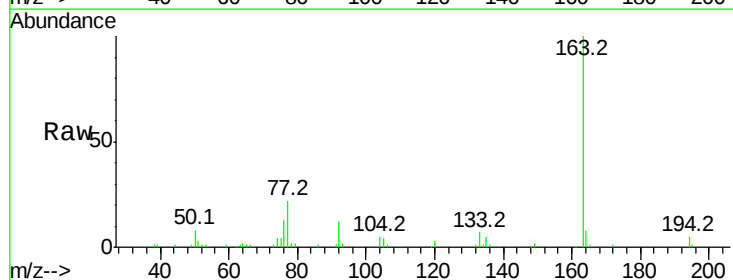
Instrument :
 BNA_G
 ClientSampleId :

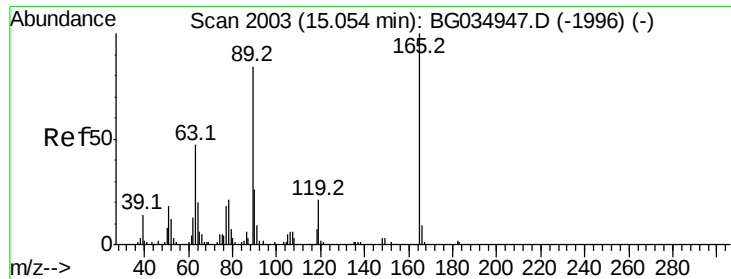
Tot Ion:172 Resp: 657092
 Ion Ratio Lower Upper
 172 100
 171 34.3 30.0 45.0
 170 22.9 19.5 29.3



#49
 Dimethylphthalate
 Concen: 7.294 ng
 RT: 14.13 min Scan# 1845
 Delta R.T. -0.03 min
 Lab File: BG035541.D
 Acq: 30 Jun 2018 14:12

Tgt Ion:163 Resp: 62172
 Ion Ratio Lower Upper
 163 100
 194 5.2 3.4 5.2#
 164 8.0 8.2 12.4#

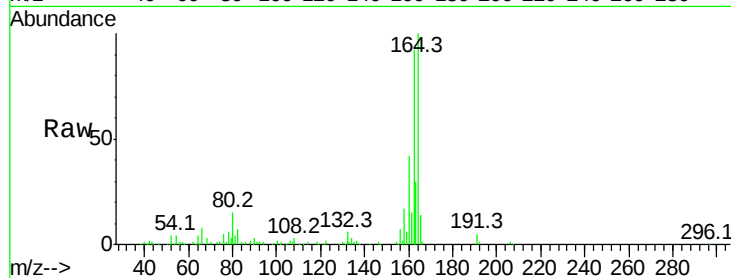




#56
 2,4-Dinitrotoluene
 Concen: 6.527 ng
 RT: 14.68 min Scan# 1940
 Delta R.T. -0.36 min
 Lab File: BG035541.D
 Acq: 30 Jun 2018 14:12

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	2.5	42.0	63.0#
89	3.1	66.9	100.3#
182	0.0	2.6	3.8#

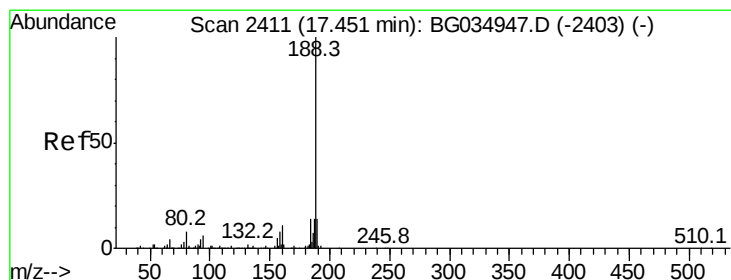
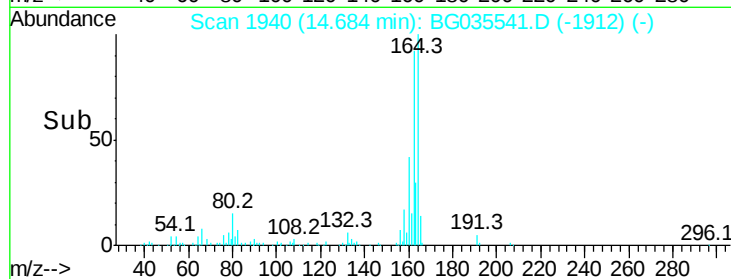
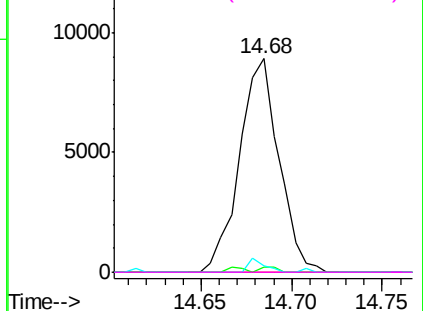


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

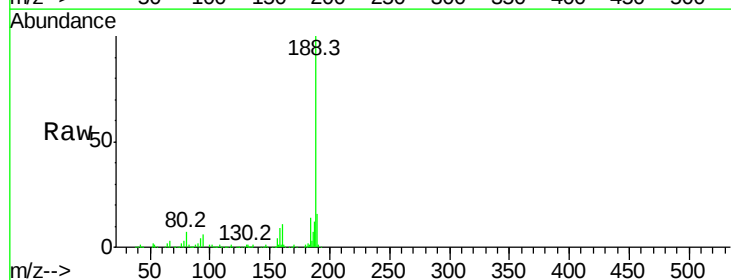
Ion 89.00 (88.70 to 89.70): BGC

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: BG035541.D
 Acq: 30 Jun 2018 14:12

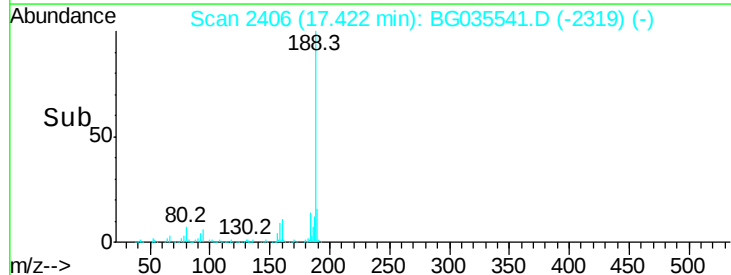
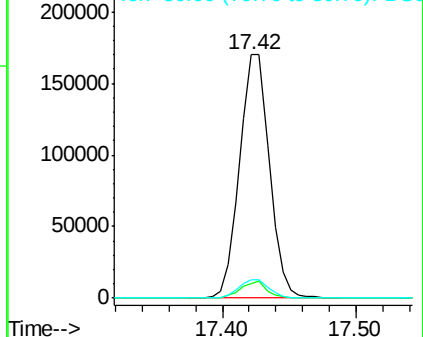
Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.0	6.9	10.3#
80	7.4	7.7	11.5#



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

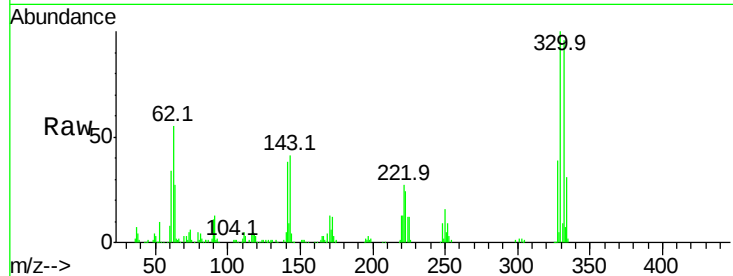




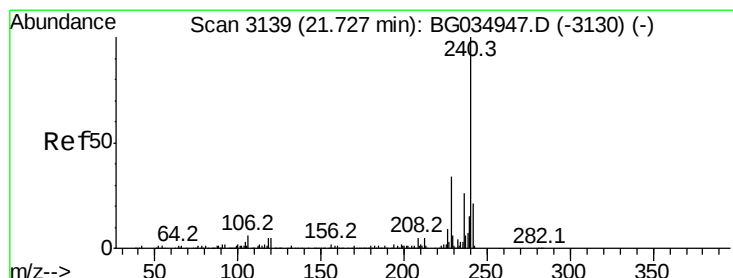
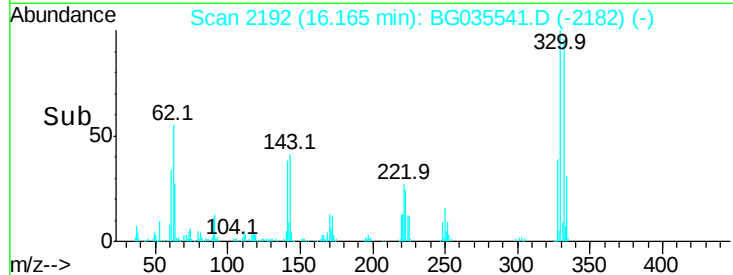
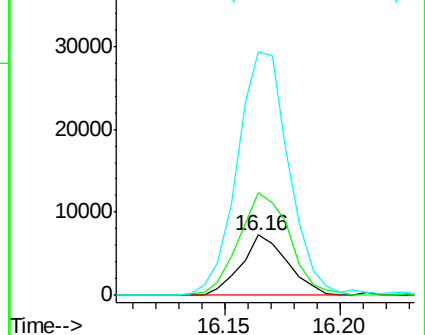
#66
4-Bromophenyl-phenylether
Concen: 3.212 ng
RT: 16.16 min Scan# 2192
Delta R.T. -0.47 min
Lab File: BG035541.D
Acq: 30 Jun 2018 14:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 10188
Ion Ratio Lower Upper
248 100
250 170.7 77.1 115.7#
141 403.8 50.8 76.2#

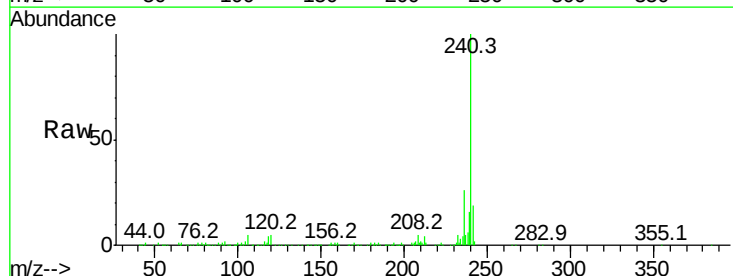


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

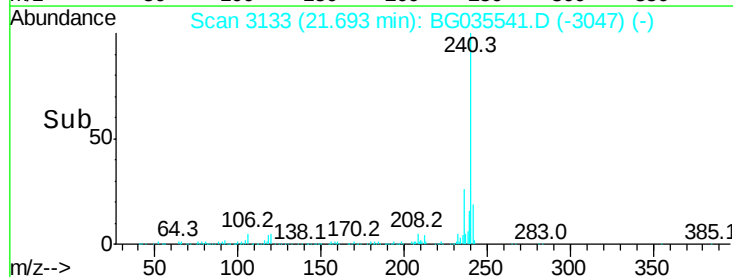
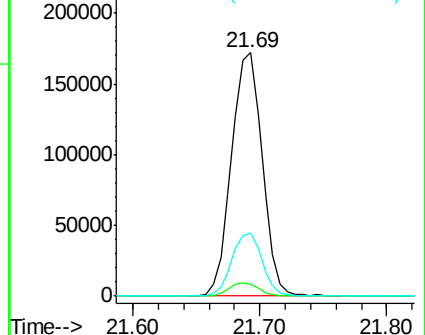


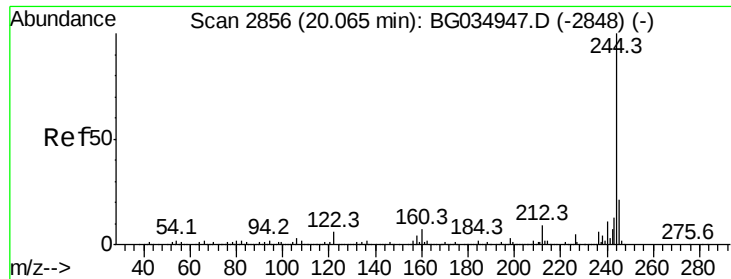
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3133
Delta R.T. -0.02 min
Lab File: BG035541.D
Acq: 30 Jun 2018 14:12

Tgt Ion:240 Resp: 289013
Ion Ratio Lower Upper
240 100
120 4.9 6.8 10.2#
236 25.8 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



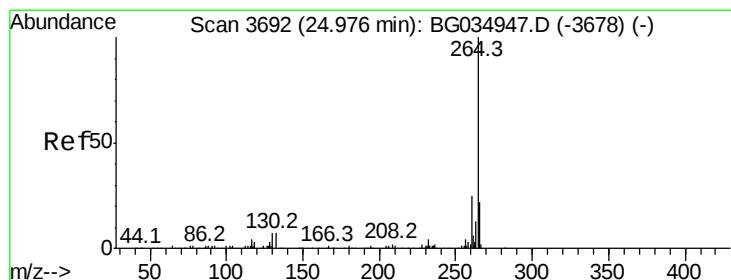
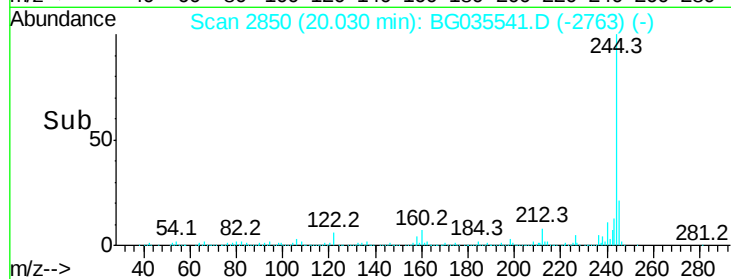
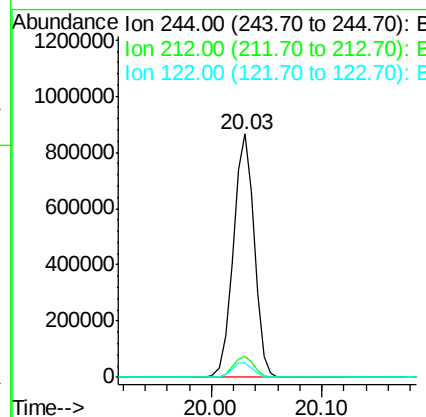
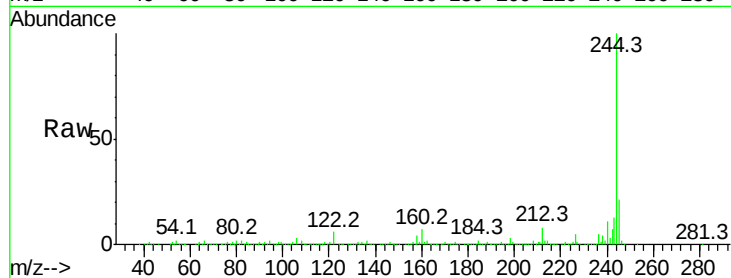


#78
 Terphenyl-d14
 Concen: 83.121 ng
 RT: 20.03 min Scan# 2850
 Delta R.T. -0.02 min
 Lab File: BG035541.D
 Acq: 30 Jun 2018 14:12

Instrument :
 BNA_G
 ClientSampleID :

Tot Ion:244 Resp: 1146869

Ion	Ratio	Lower	Upper
244	100		
212	8.4	5.8	8.8
122	6.1	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: BG035541.D
 Acq: 30 Jun 2018 14:12

Tgt Ion:264 Resp: 276502

Ion	Ratio	Lower	Upper
264	100		
260	22.1	17.4	26.0
265	21.7	17.7	26.5

