

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041719\
 Data File : BG040534.D
 Acq On : 17 Apr 2019 17:48
 Operator : JU/SJ
 Sample : K2411-12
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 18 01:23:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 13 00:33:11 2019
 Response via : Initial Calibration

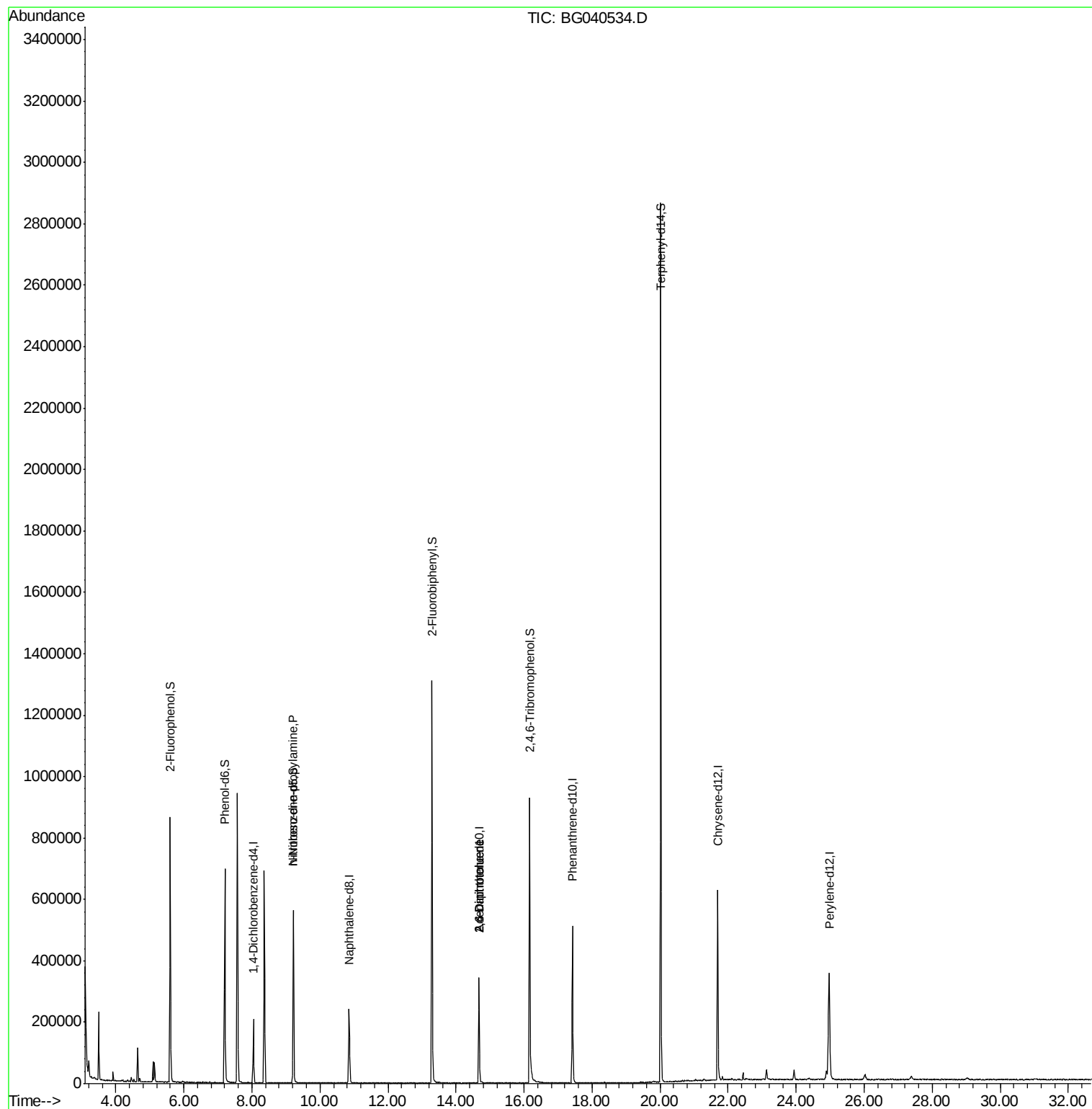
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	58045	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	218514	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	131352	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	348626	20.00	ng	0.00
76) Chrysene-d12	21.69	240	365985	20.00	ng	0.00
87) Perylene-d12	24.97	264	392572	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	368059	105.41	ng	0.00
7) Phenol-d6	7.20	99	421517	87.35	ng	0.00
23) Nitrobenzene-d5	9.22	82	349914	85.12	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	181659	127.97	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	720554	81.28	ng	0.00
79) Terphenyl-d14	20.02	244	1336275	82.14	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	45769	13.229	ng	# 73
51) 2,6-Dinitrotoluene	14.67	165	17209	7.455	ng	# 24
57) 2,4-Dinitrotoluene	14.67	165	17209	5.365	ng	# 24

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

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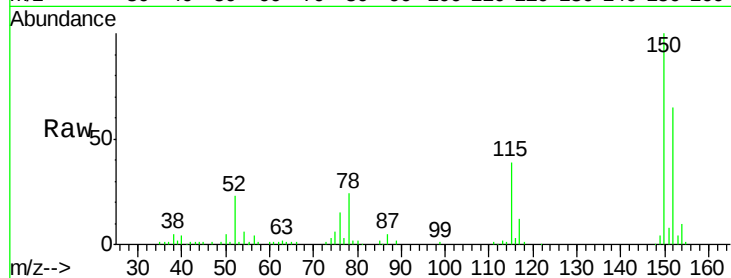


#1

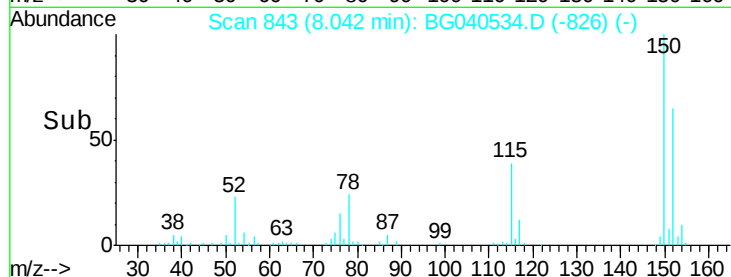
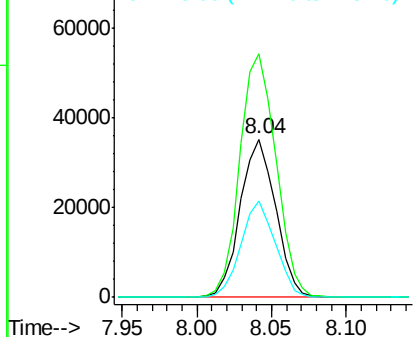
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.00 min
Lab File: BG040534.D
Acq: 17 Apr 2019 17:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 58045
Ion Ratio Lower Upper
152 100
150 153.7 123.7 185.5
115 60.6 46.9 70.3



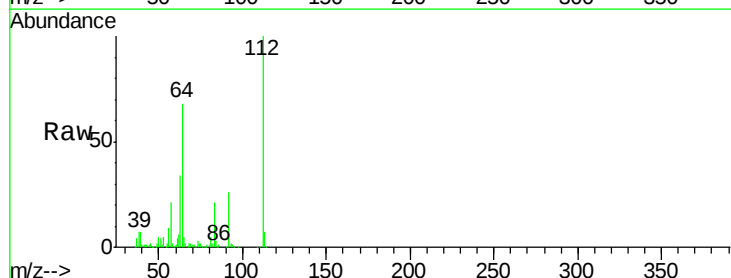
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



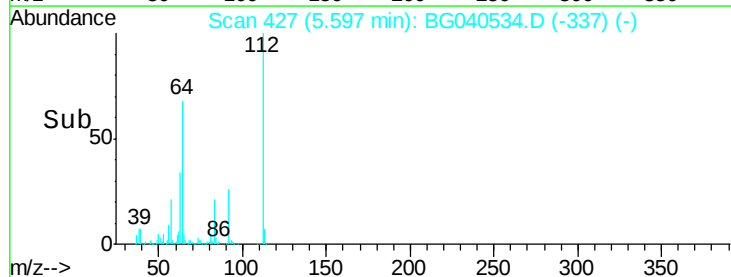
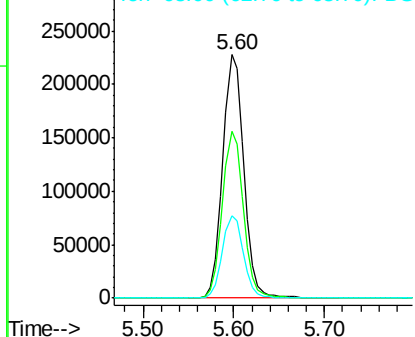
#5

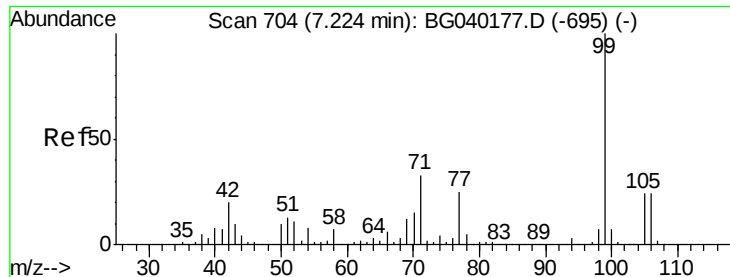
2-Fluorophenol
Concen: 105.412 ng
RT: 5.60 min Scan# 427
Delta R.T. -0.00 min
Lab File: BG040534.D
Acq: 17 Apr 2019 17:48

Tgt Ion:112 Resp: 368059
Ion Ratio Lower Upper
112 100
64 68.5 54.2 81.2
63 34.0 26.4 39.6



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: 87.353 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG040534.D

Acq: 17 Apr 2019 17:48

Instrument :

BNA_G

ClientSampleId :

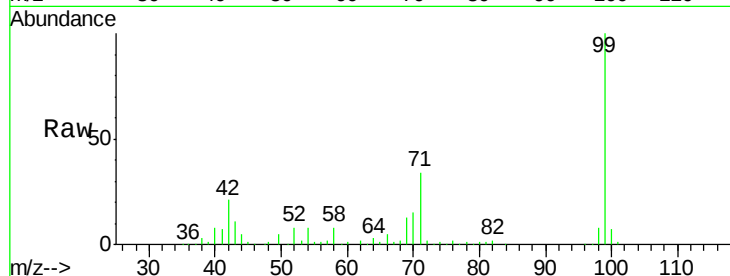
Tot Ion: 99 Resp: 421517

Ion Ratio Lower Upper

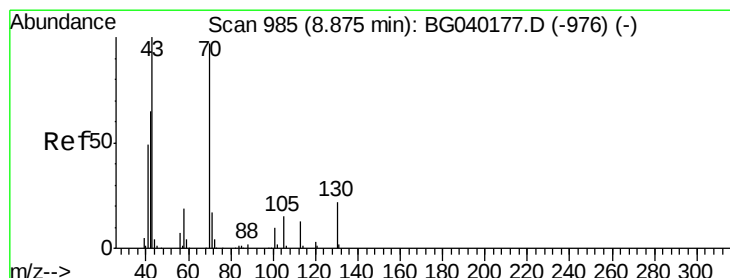
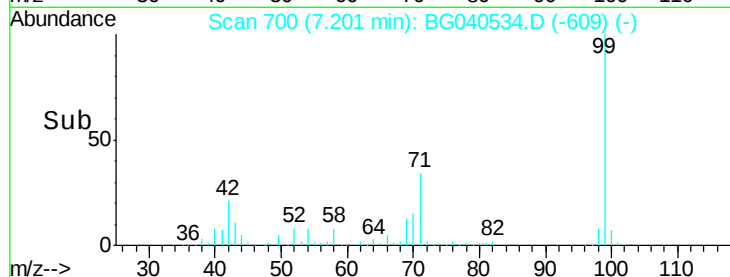
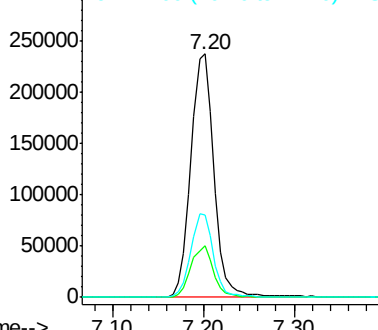
99 100

42 21.3 16.2 24.2

71 33.8 26.8 40.2



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: 13.229 ng

RT: 9.22 min Scan# 1043

Delta R.T. 0.37 min

Lab File: BG040534.D

Acq: 17 Apr 2019 17:48

Tgt Ion: 70 Resp: 45769

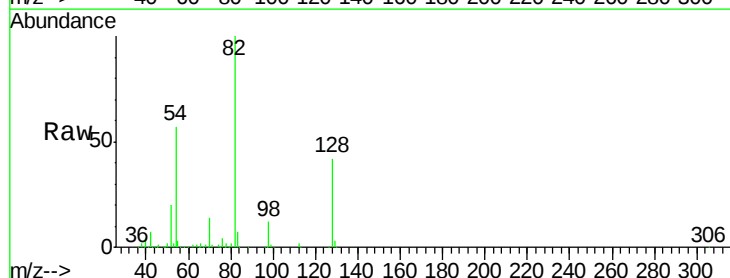
Ion Ratio Lower Upper

70 100

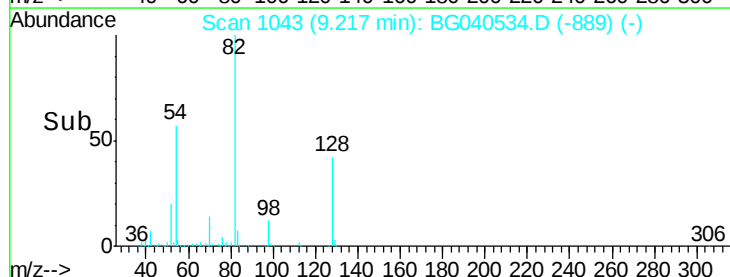
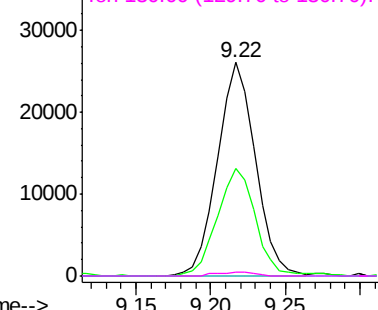
42 50.5 54.0 81.0#

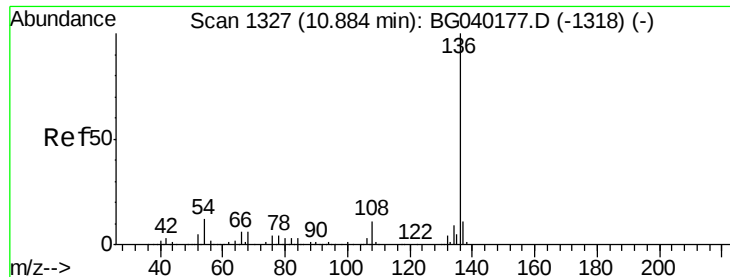
101 0.0 8.6 13.0#

130 1.8 18.2 27.2#



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

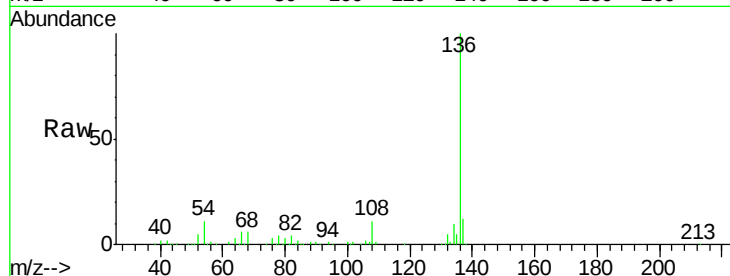




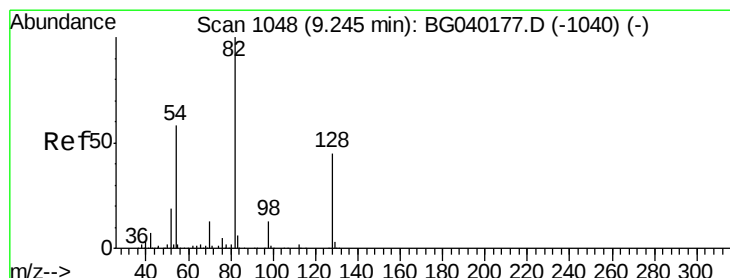
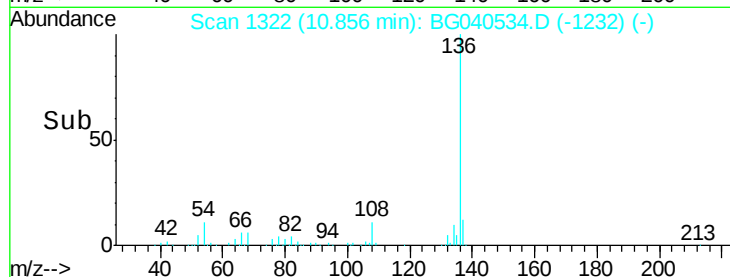
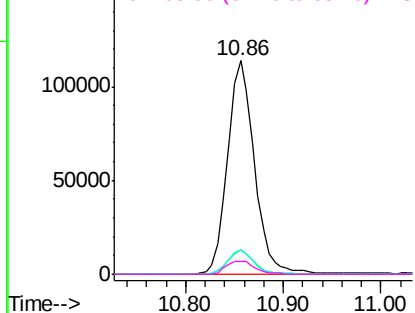
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG040534.D
Acq: 17 Apr 2019 17:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	218514
Ion Ratio	Lower	Upper
136 100		
137 11.5	8.9	13.3
54 11.3	9.6	14.4
68 5.7	5.1	7.7

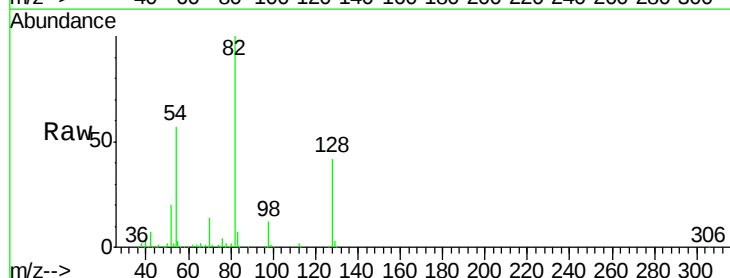


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

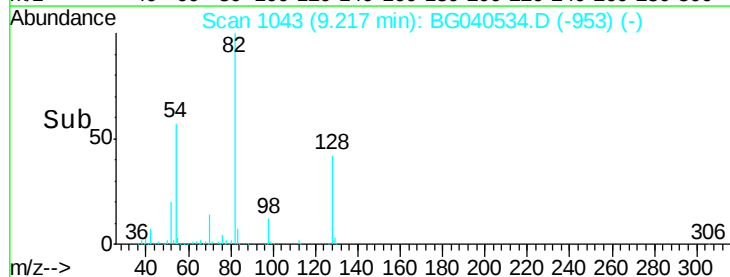
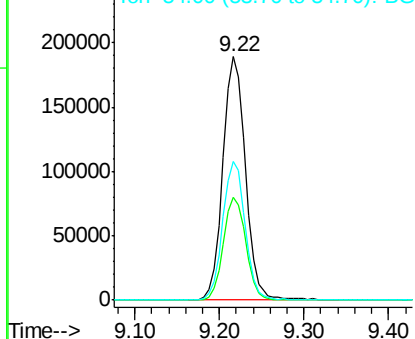


#23
Nitrobenzene-d5
Concen: 85.116 ng
RT: 9.22 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BG040534.D
Acq: 17 Apr 2019 17:48

Tgt Ion: 82	Resp: 349914
Ion Ratio	Lower Upper
82 100	
128 42.2	35.8 53.8
54 57.0	46.2 69.2



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

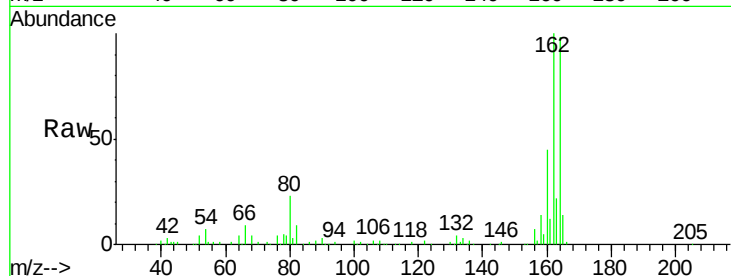




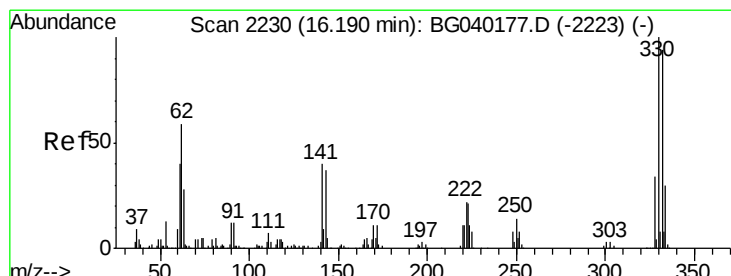
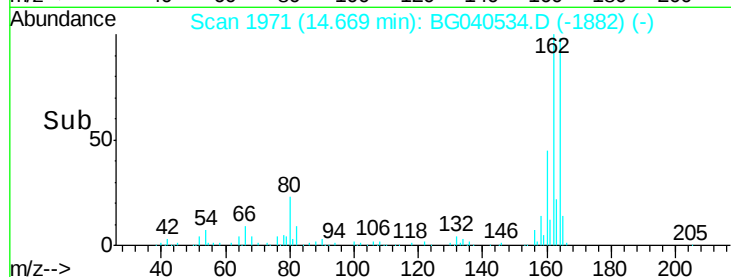
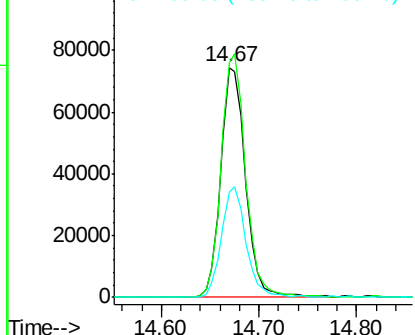
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1971
Delta R.T. -0.01 min
Lab File: BG040534.D
Acq: 17 Apr 2019 17:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 131352
Ion Ratio Lower Upper
164 100
162 102.1 77.4 116.2
160 46.0 35.3 52.9

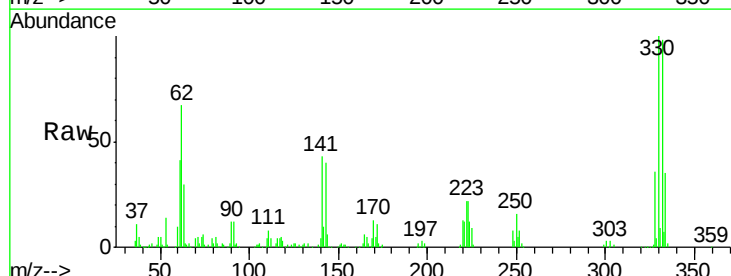


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

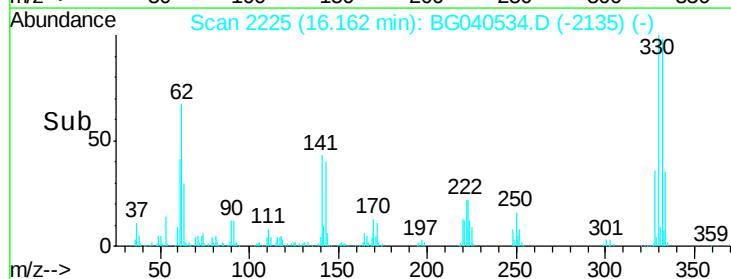
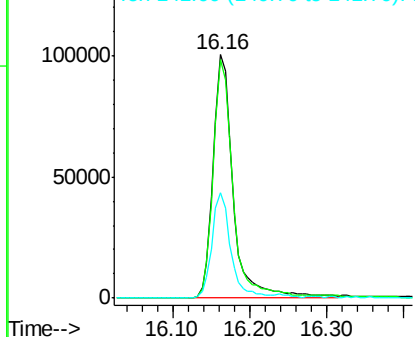


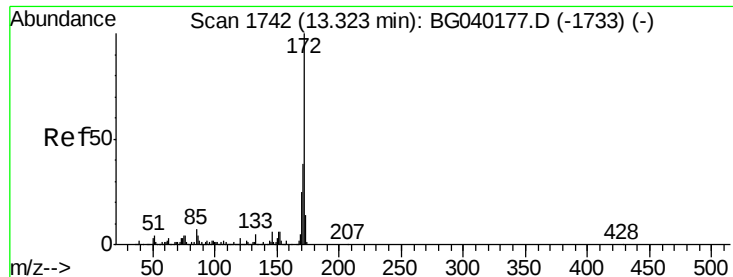
#42
2,4,6-Tribromophenol
Concen: 127.967 ng
RT: 16.16 min Scan# 2225
Delta R.T. -0.00 min
Lab File: BG040534.D
Acq: 17 Apr 2019 17:48

Tgt Ion:330 Resp: 181659
Ion Ratio Lower Upper
330 100
332 96.6 76.6 115.0
141 41.5 32.6 48.8



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

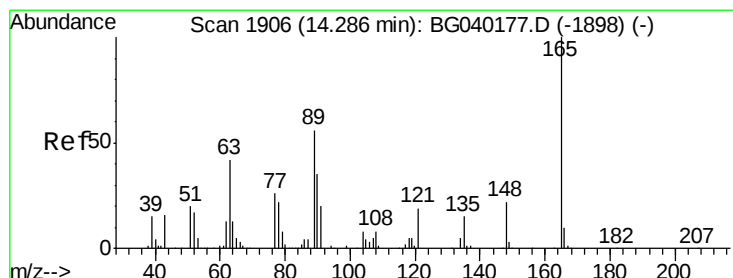
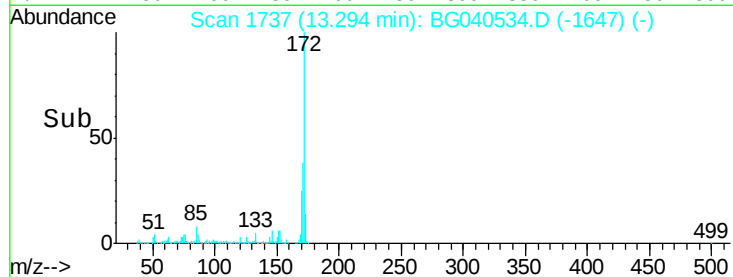
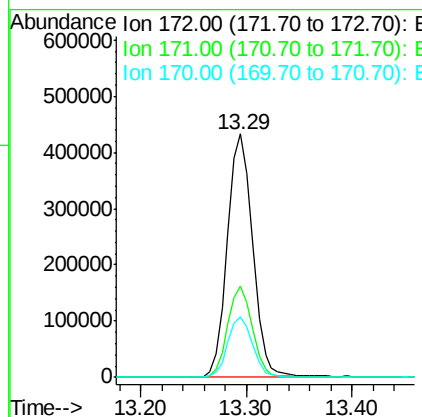
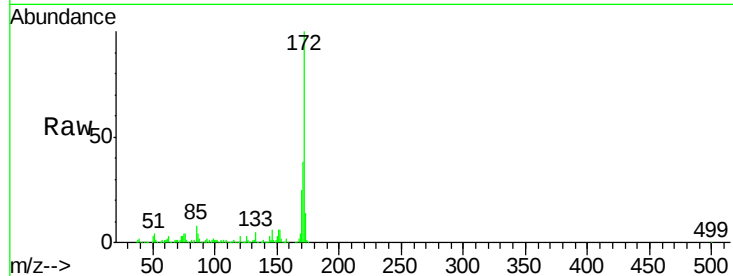




#45
 2-Fluorobiphenyl
 Concen: 81.285 ng
 RT: 13.29 min Scan# 1737
 Delta R.T. -0.00 min
 Lab File: BG040534.D
 Acq: 17 Apr 2019 17:48

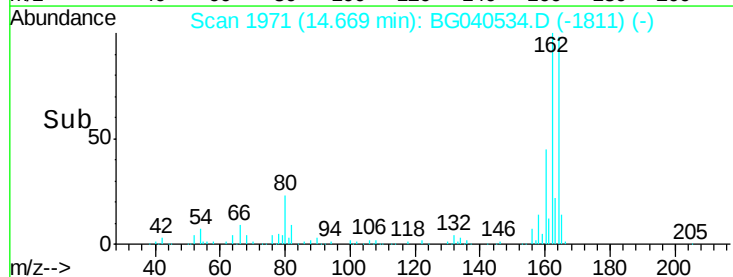
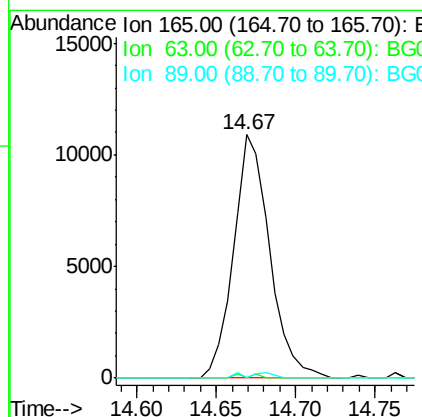
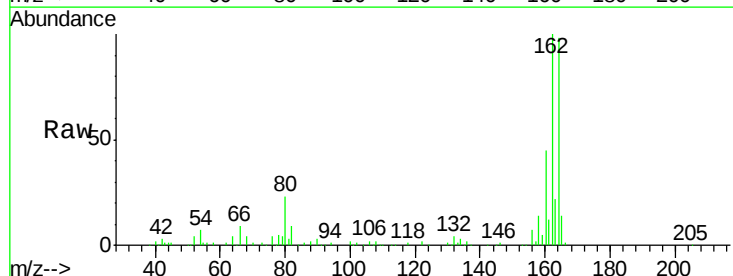
Instrument :
 BNA_G
 ClientSampled :

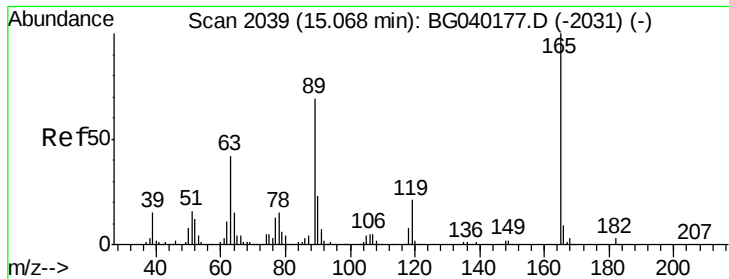
Tot Ion:172 Resp: 720554
 Ion Ratio Lower Upper
 172 100
 171 37.5 30.5 45.7
 170 25.1 20.1 30.1



#51
 2,6-Dinitrotoluene
 Concen: 7.455 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. 0.41 min
 Lab File: BG040534.D
 Acq: 17 Apr 2019 17:48

Tgt Ion:165 Resp: 17209
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.1 66.1#
 89 0.0 44.9 67.3#

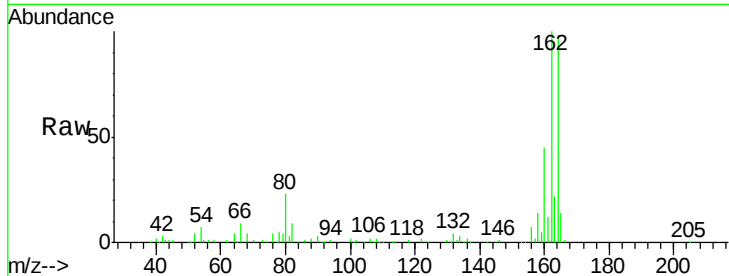




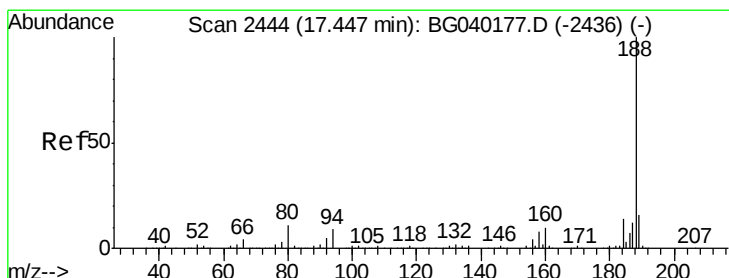
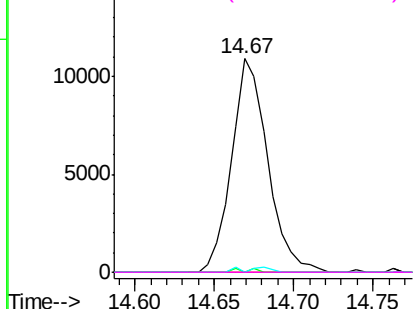
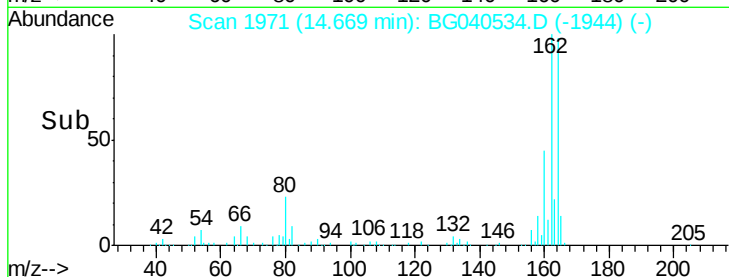
#57
 2,4-Dinitrotoluene
 Concen: 5.365 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. -0.37 min
 Lab File: BG040534.D
 Acq: 17 Apr 2019 17:48

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 17209
 Ion Ratio Lower Upper
 165 100
 63 0.0 33.8 50.6#
 89 0.0 55.4 83.2#
 182 0.0 2.2 3.4#

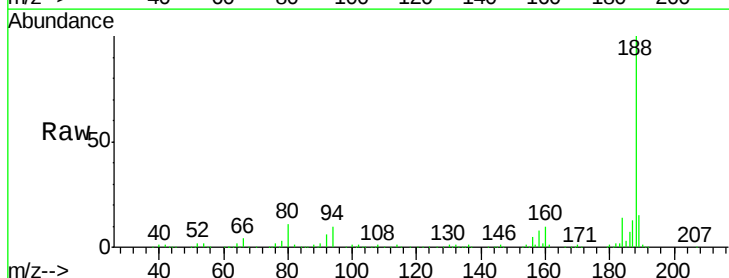


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

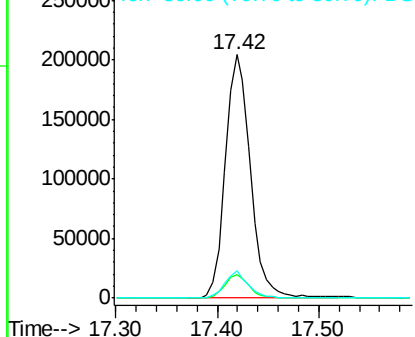
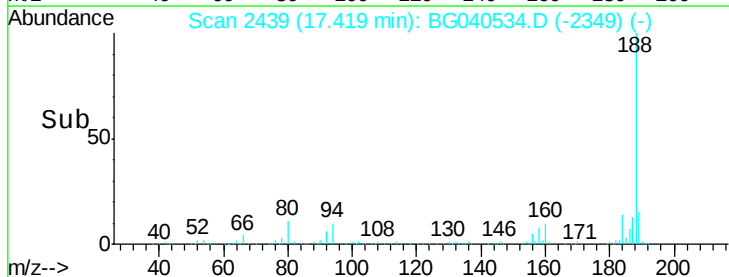


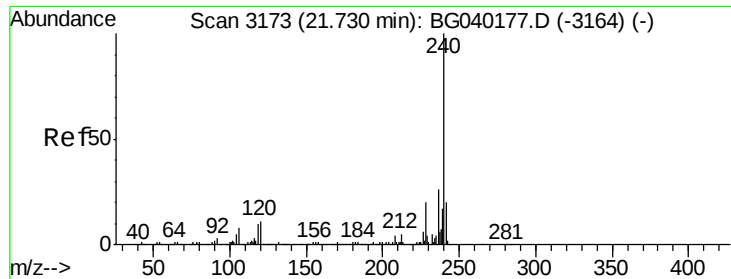
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2439
 Delta R.T. -0.00 min
 Lab File: BG040534.D
 Acq: 17 Apr 2019 17:48

Tgt Ion:188 Resp: 348626
 Ion Ratio Lower Upper
 188 100
 94 9.8 7.0 10.4
 80 11.3 8.6 13.0



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

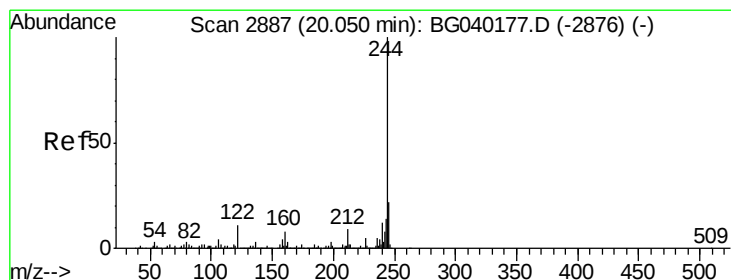
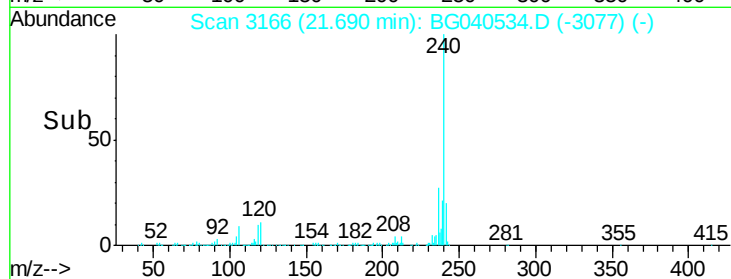
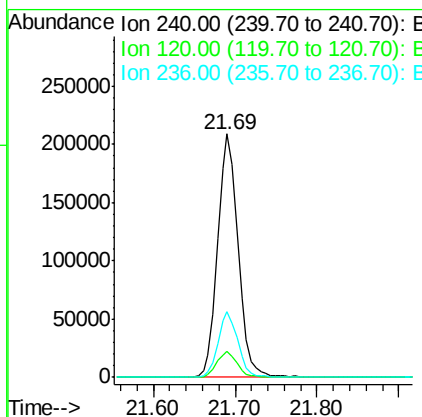
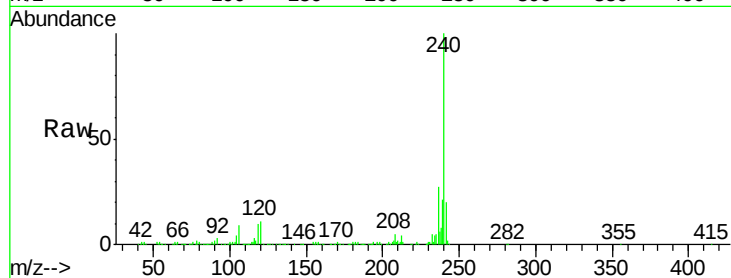




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BG040534.D
Acq: 17 Apr 2019 17:48

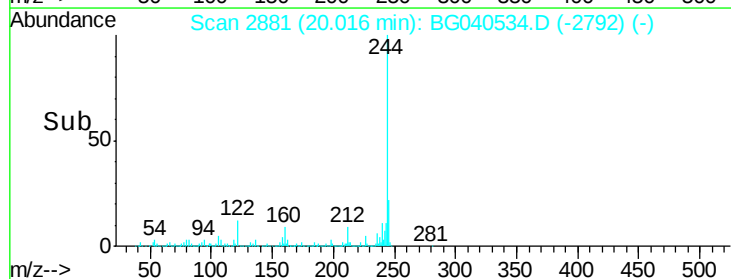
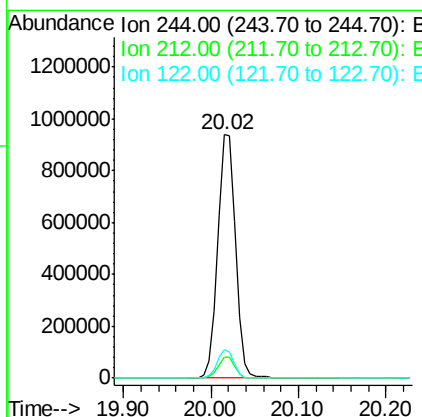
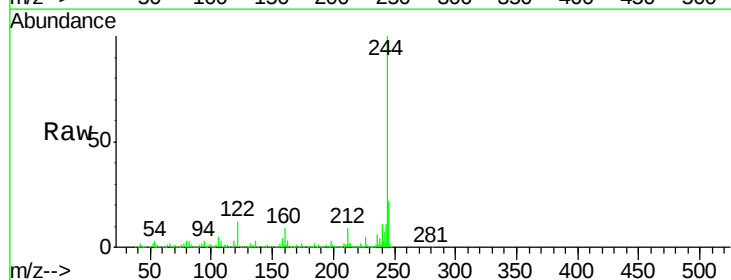
Instrument :
BNA_G
ClientSampled :

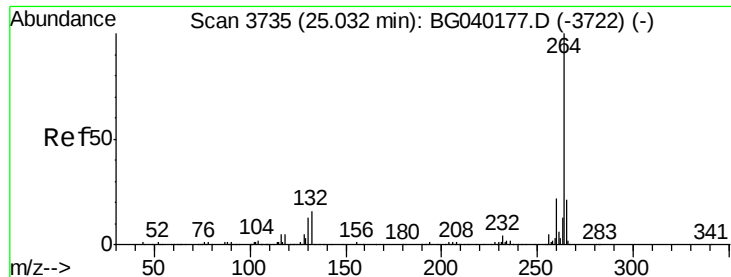
Tot Ion:240 Resp: 365985
Ion Ratio Lower Upper
240 100
120 10.6 8.4 12.6
236 26.9 20.8 31.2



#79
Terphenyl-d14
Concen: 82.139 ng
RT: 20.02 min Scan# 2881
Delta R.T. -0.01 min
Lab File: BG040534.D
Acq: 17 Apr 2019 17:48

Tgt Ion:244 Resp: 1336275
Ion Ratio Lower Upper
244 100
212 8.5 7.0 10.6
122 11.8 8.5 12.7





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.97 min Scan# 3724
 Delta R.T. -0.00 min
 Lab File: BG040534.D
 Acq: 17 Apr 2019 17:48

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	17.9	26.9
265	21.1	16.8	25.2

