

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040319\
 Data File : BG040355.D
 Acq On : 4 Apr 2019 11:15
 Operator : JU/SJ
 Sample : K2210-01
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 04 13:33:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

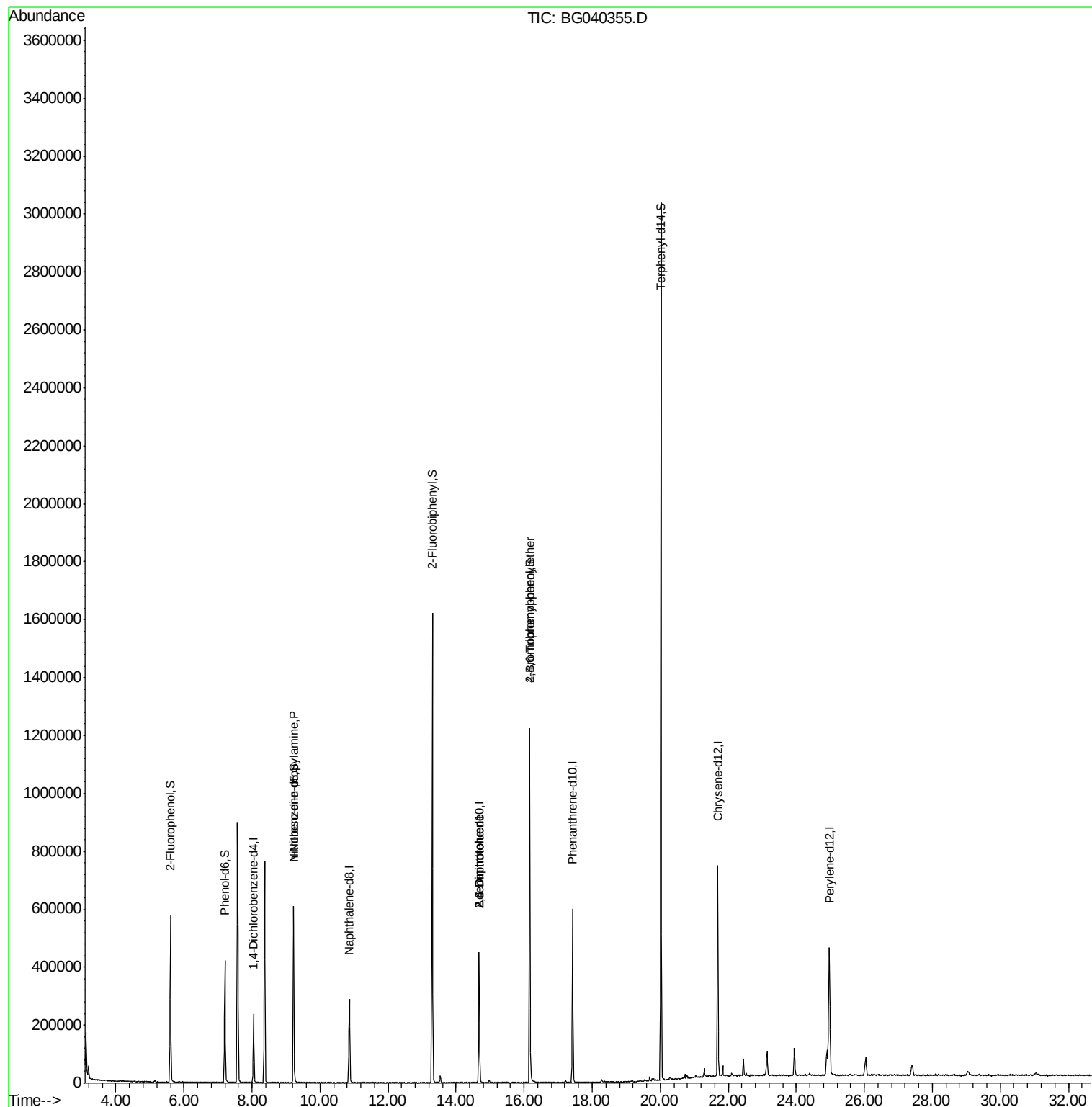
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	67646	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	264347	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	159476	20.00	ng	-0.02
64) Phenanthrene-d10	17.42	188	393136	20.00	ng	-0.02
76) Chrysene-d12	21.69	240	447706	20.00	ng	-0.04
87) Perylene-d12	24.97	264	464377	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	256487	63.03	ng	-0.02
7) Phenol-d6	7.20	99	258745	46.01	ng	-0.02
23) Nitrobenzene-d5	9.22	82	388146	78.05	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	223567	129.72	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	854698	79.41	ng	-0.02
79) Terphenyl-d14	20.02	244	1395906	70.14	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	47541	11.791	ng	# 72
51) 2,6-Dinitrotoluene	14.68	165	20139	7.186	ng	# 25
57) 2,4-Dinitrotoluene	14.68	165	20139	5.172	ng	# 25
67) 4-Bromophenyl-phenylether	16.17	248	17385	3.930	ng	# 1

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

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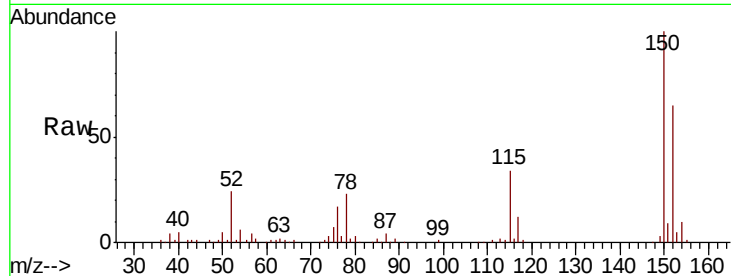


#1

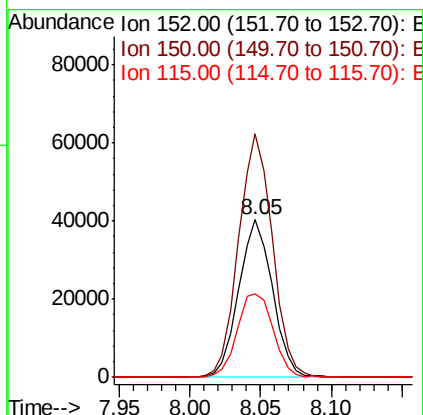
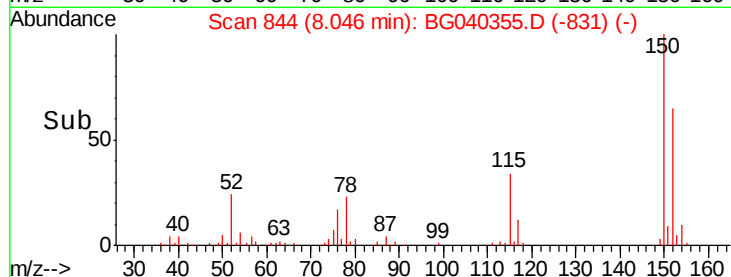
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.02 min
Lab File: BG040355.D
Acq: 4 Apr 2019 11:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 67646
Ion Ratio Lower Upper
152 100
150 154.9 123.7 185.5
115 52.9 46.9 70.3



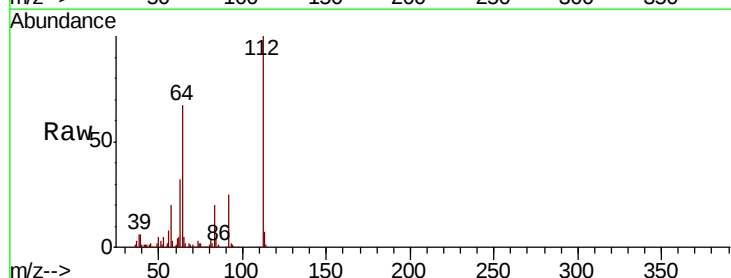
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



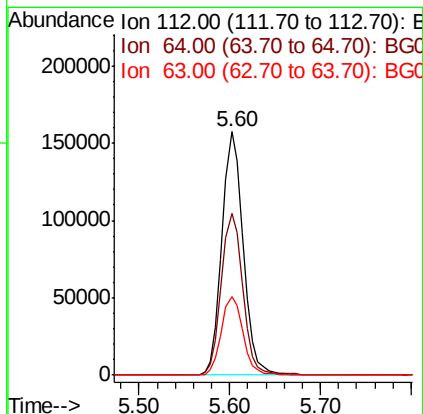
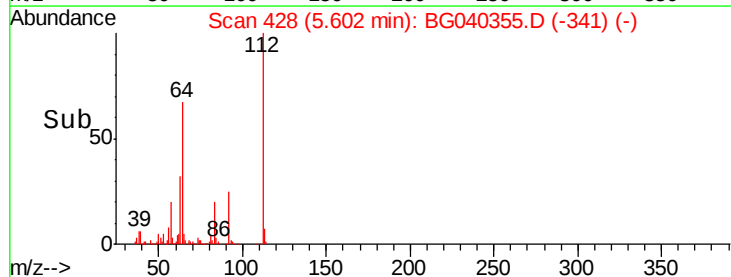
#5

2-Fluorophenol
Concen: 63.032 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.02 min
Lab File: BG040355.D
Acq: 4 Apr 2019 11:15

Tgt Ion:112 Resp: 256487
Ion Ratio Lower Upper
112 100
64 66.6 54.2 81.2
63 32.3 26.4 39.6



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: 46.010 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040355.D

Acq: 4 Apr 2019 11:15

Instrument :

BNA_G

ClientSampleId :

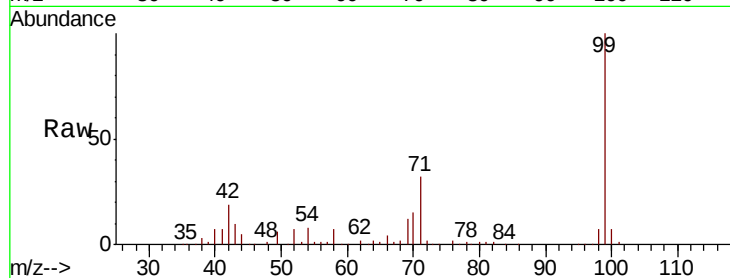
Tot Ion: 99 Resp: 258745

Ion Ratio Lower Upper

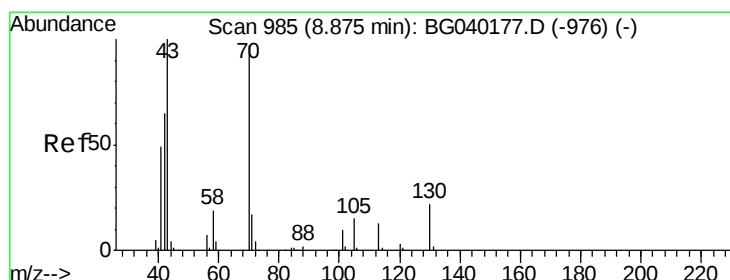
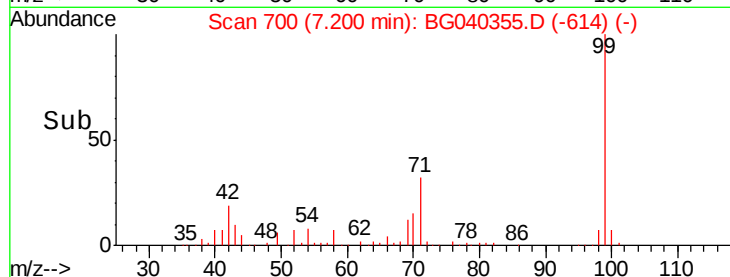
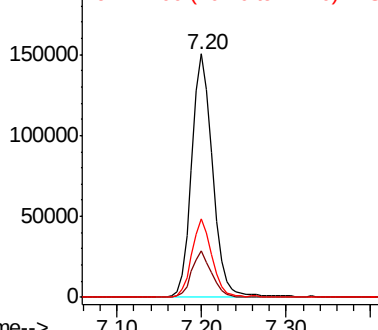
99 100

42 19.1 16.2 24.2

71 32.2 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: 11.791 ng

RT: 9.22 min Scan# 1044

Delta R.T. 0.35 min

Lab File: BG040355.D

Acq: 4 Apr 2019 11:15

Tgt Ion: 70 Resp: 47541

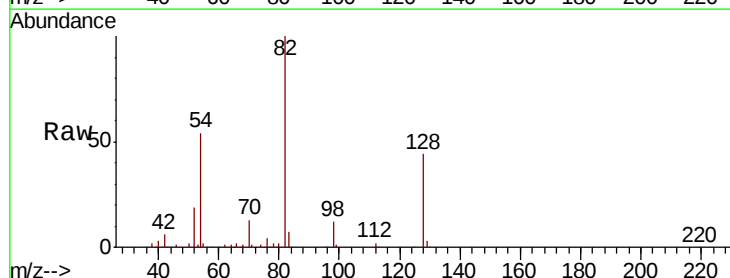
Ion Ratio Lower Upper

70 100

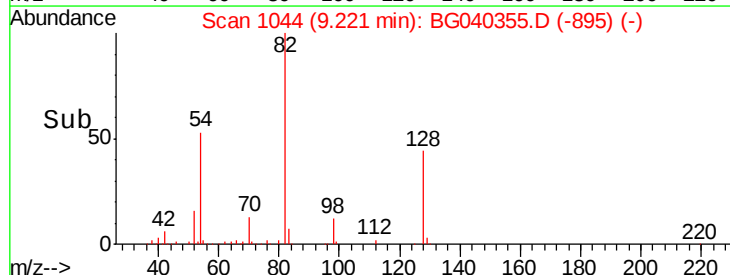
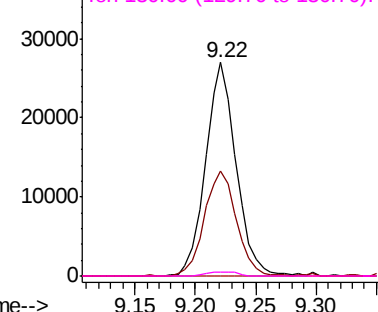
42 48.9 54.0 81.0#

101 0.0 8.6 13.0#

130 2.0 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

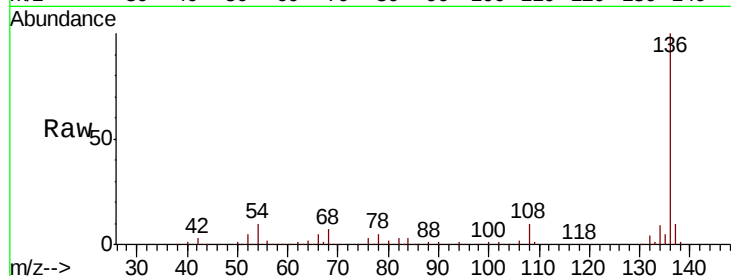




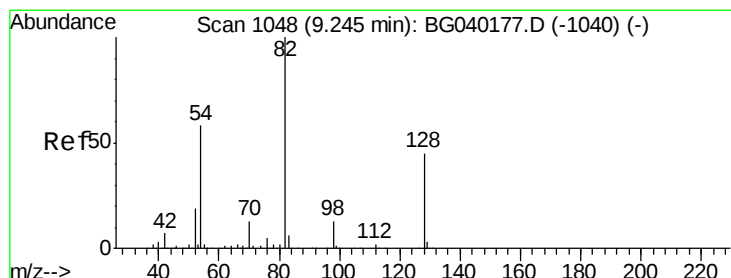
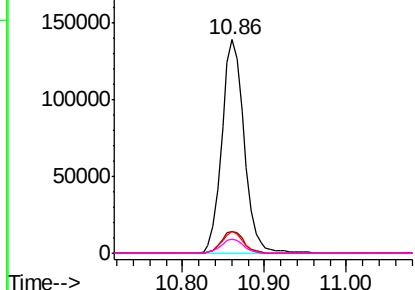
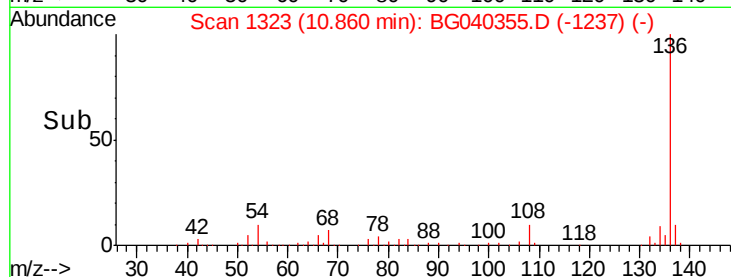
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG040355.D
Acq: 4 Apr 2019 11:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	264347
Ion Ratio	Lower	Upper
136 100		
137 10.4	8.9	13.3
54 10.4	9.6	14.4
68 6.8	5.1	7.7

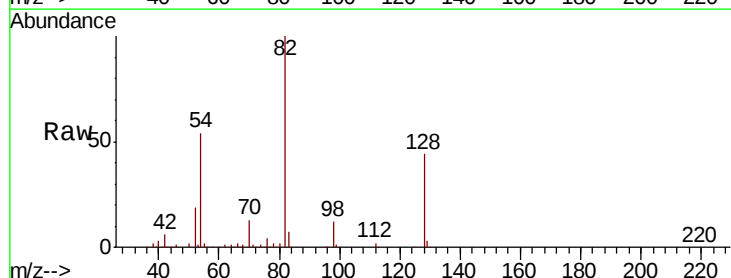


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

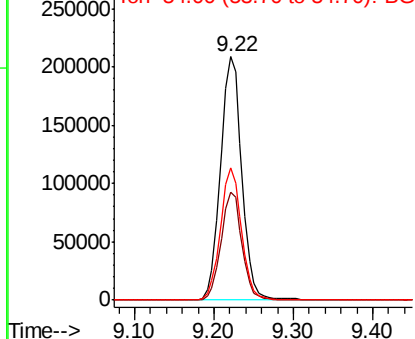
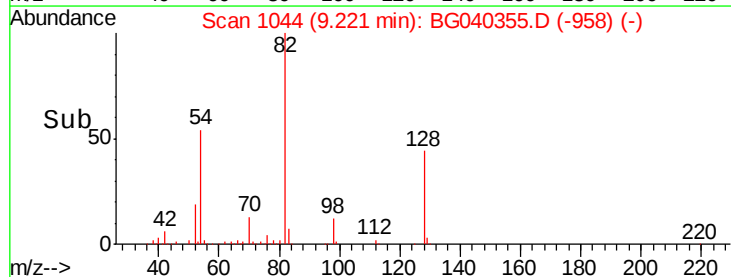


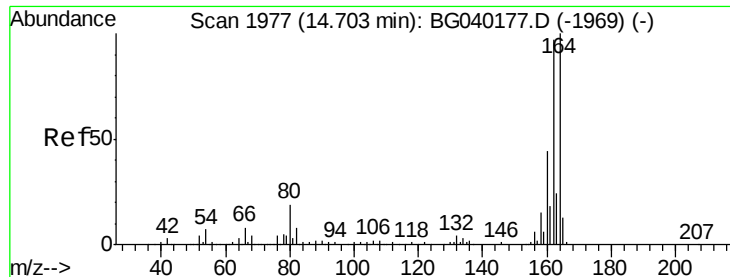
#23
Nitrobenzene-d5
Concen: 78.046 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG040355.D
Acq: 4 Apr 2019 11:15

Tgt Ion	82	Resp: Lower	388146 Upper
	Ratio 100		
128	44.4	35.8	53.8
54	54.1	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

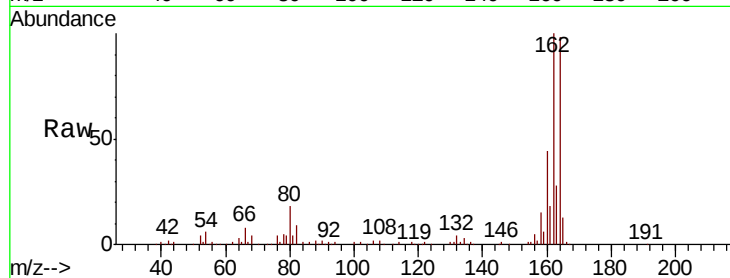




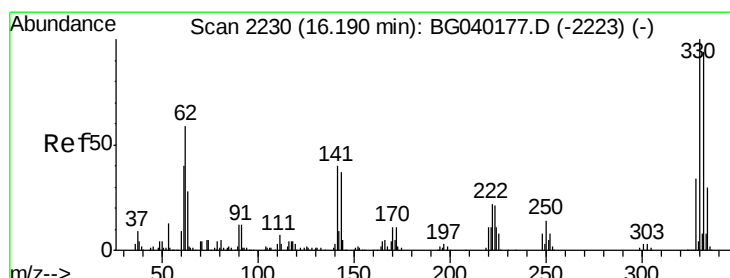
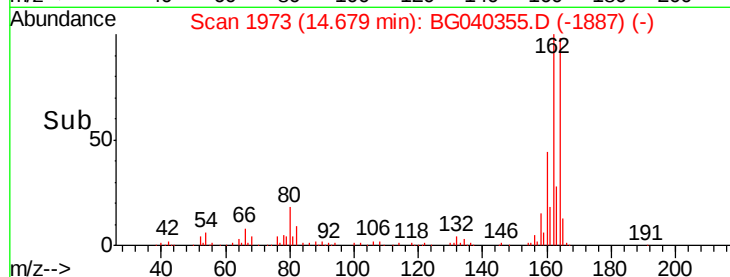
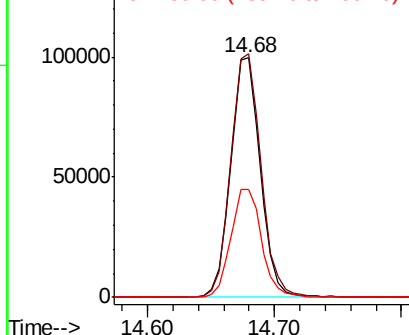
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.02 min
Lab File: BG040355.D
Acq: 4 Apr 2019 11:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 159476
Ion Ratio Lower Upper
164 100
162 101.6 77.4 116.2
160 45.0 35.3 52.9

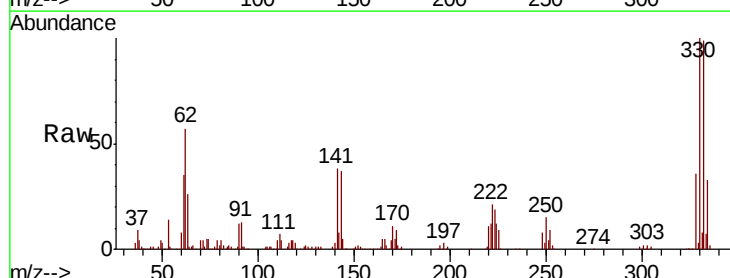


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

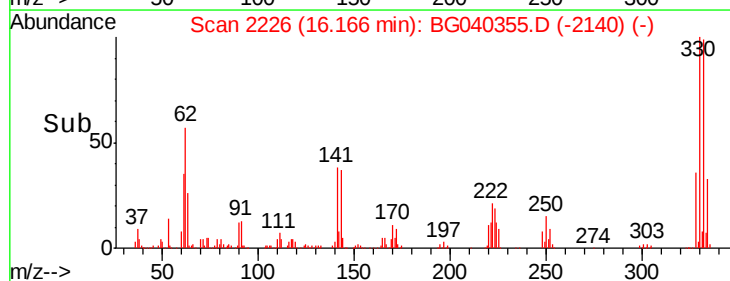
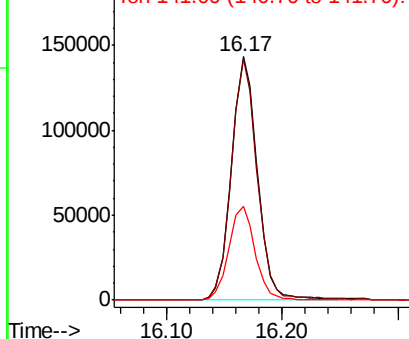


#42
2,4,6-Tribromophenol
Concen: 129.715 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.02 min
Lab File: BG040355.D
Acq: 4 Apr 2019 11:15

Tgt Ion:330 Resp: 223567
Ion Ratio Lower Upper
330 100
332 98.2 76.6 115.0
141 39.1 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

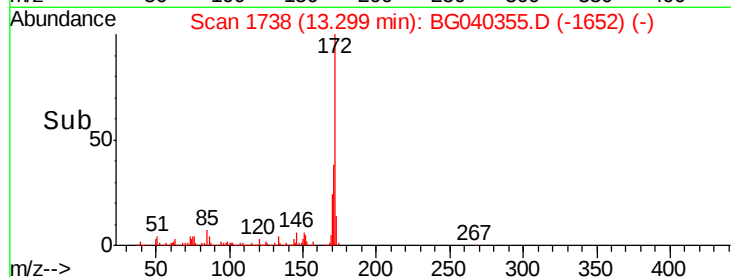
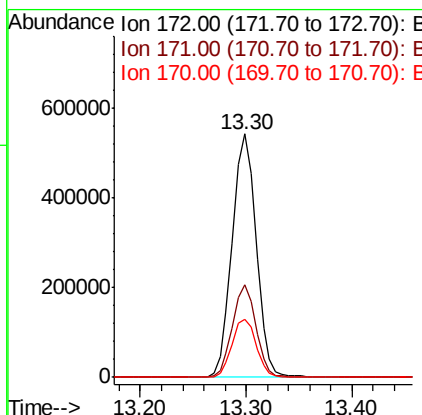
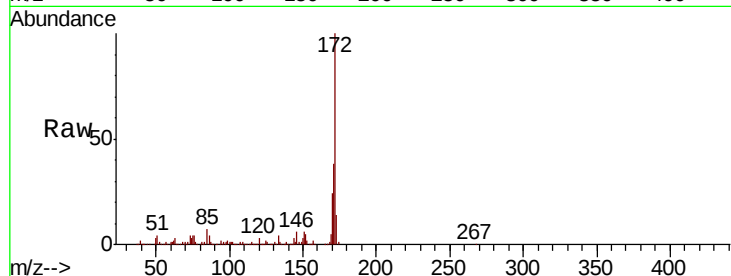




#45
2-Fluorobiphenyl
Concen: 79.414 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.02 min
Lab File: BG040355.D
Acq: 4 Apr 2019 11:15

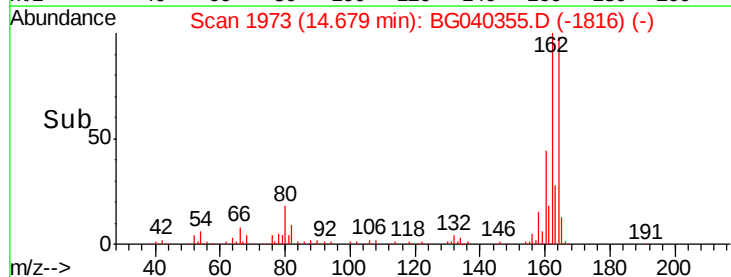
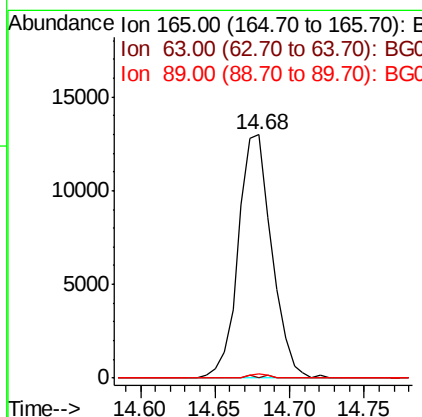
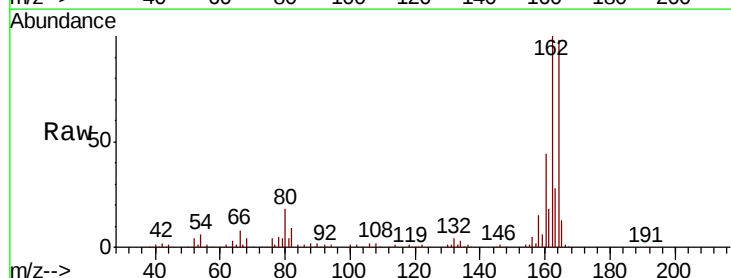
Instrument :
BNA_G
ClientSampleId :

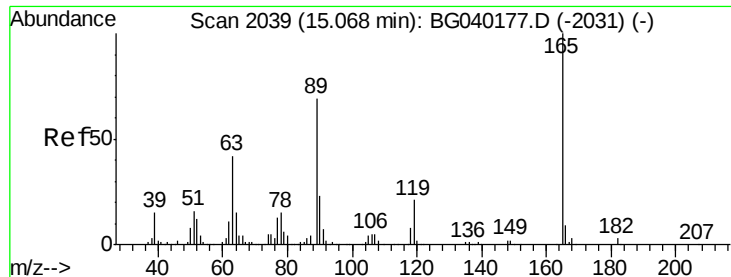
Tot Ion:172 Resp: 854698
Ion Ratio Lower Upper
172 100
171 38.1 30.5 45.7
170 23.9 20.1 30.1



#51
2,6-Dinitrotoluene
Concen: 7.186 ng
RT: 14.68 min Scan# 1973
Delta R.T. 0.39 min
Lab File: BG040355.D
Acq: 4 Apr 2019 11:15

Tgt Ion:165 Resp: 20139
Ion Ratio Lower Upper
165 100
63 0.0 44.1 66.1#
89 1.6 44.9 67.3#

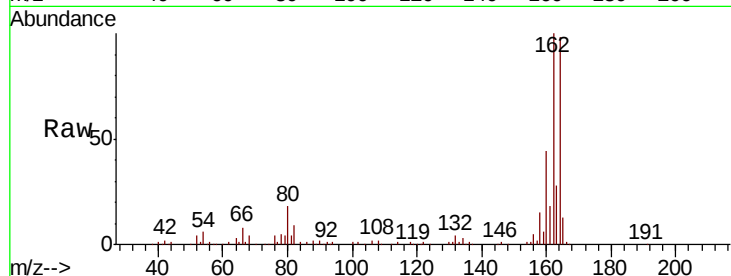




#57
2,4-Dinitrotoluene
Concen: 5.172 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.39 min
Lab File: BG040355.D
Acq: 4 Apr 2019 11:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.8	50.6#
89	1.6	55.4	83.2#
182	0.0	2.2	3.4#



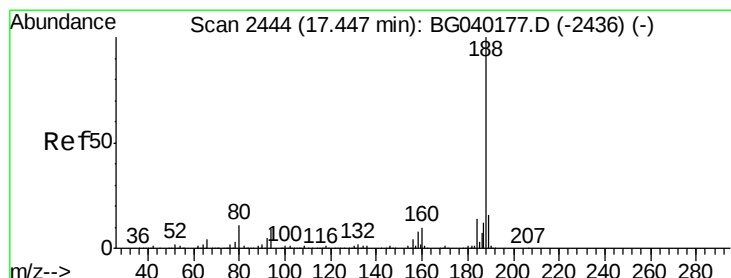
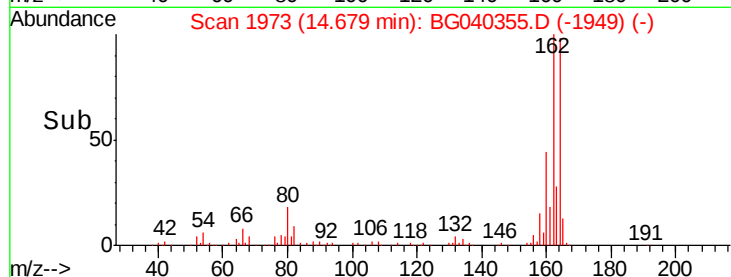
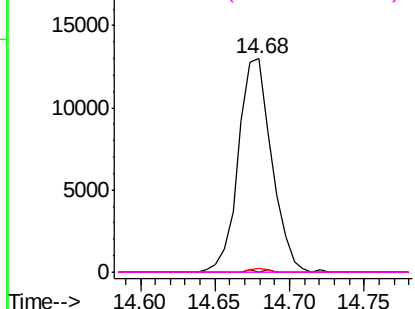
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

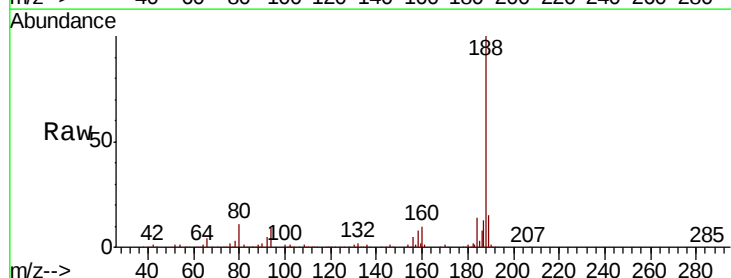
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.02 min
Lab File: BG040355.D
Acq: 4 Apr 2019 11:15

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.0	10.4
80	10.6	8.6	13.0

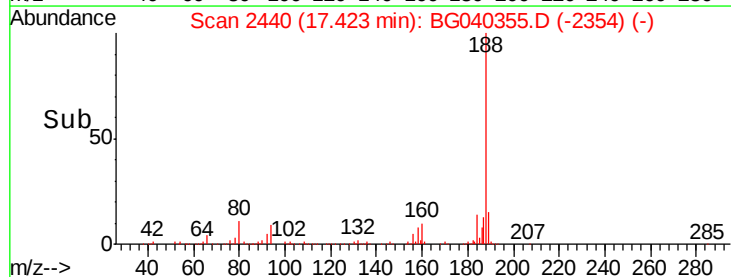
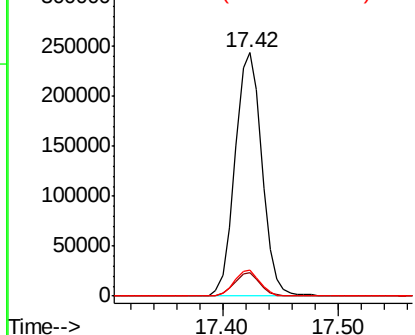


Abundance

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

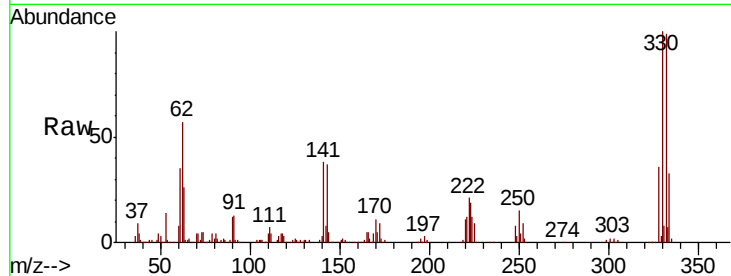




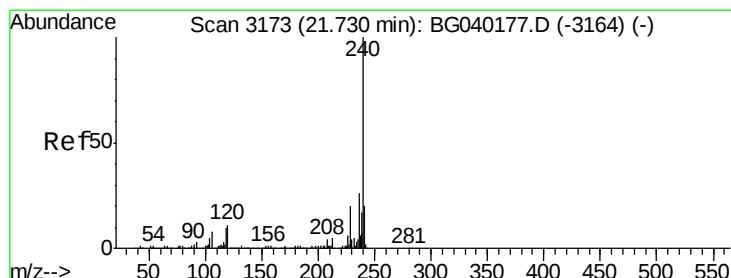
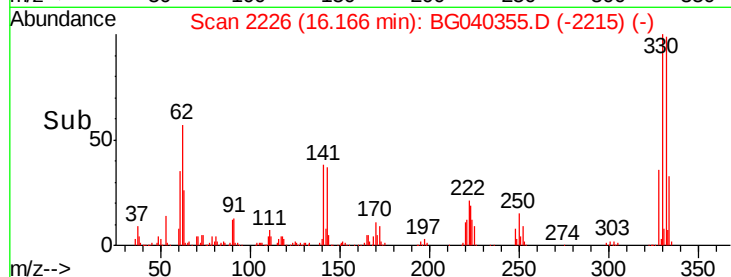
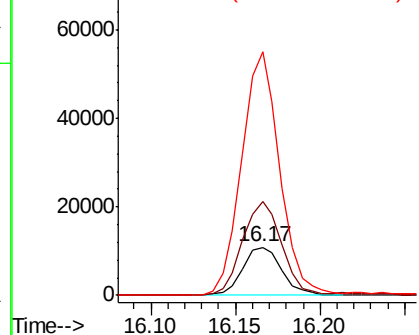
#67
 4-Bromophenyl-phenylether
 Concen: 3.930 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. -0.46 min
 Lab File: BG040355.D
 Acq: 4 Apr 2019 11:15

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 17385
 Ion Ratio Lower Upper
 248 100
 250 193.7 76.4 114.6#
 141 505.2 53.8 80.8#

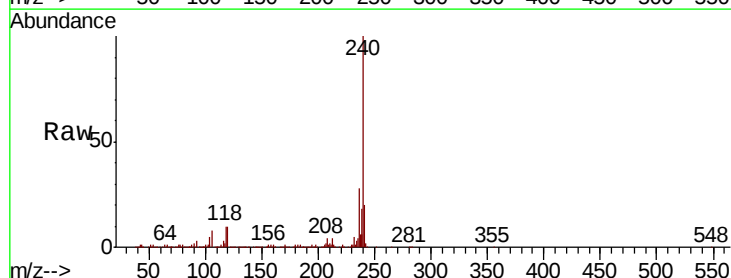


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

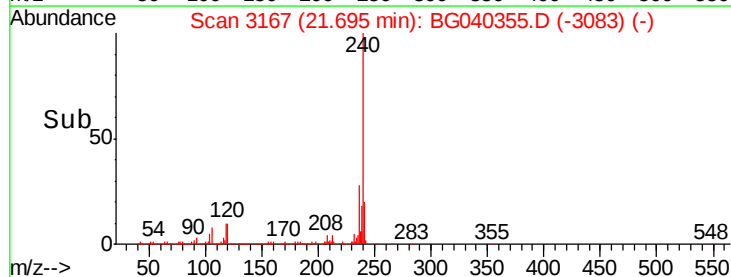
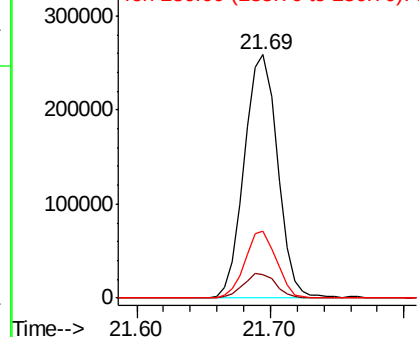


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3167
 Delta R.T. -0.04 min
 Lab File: BG040355.D
 Acq: 4 Apr 2019 11:15

Tgt Ion:240 Resp: 447706
 Ion Ratio Lower Upper
 240 100
 120 9.8 8.4 12.6
 236 27.7 20.8 31.2



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





#79

Terphenyl-d14

Concen: 70.142 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.03 min

Lab File: BG040355.D

Acq: 4 Apr 2019 11:15

Instrument :

BNA_G

ClientSampleId :

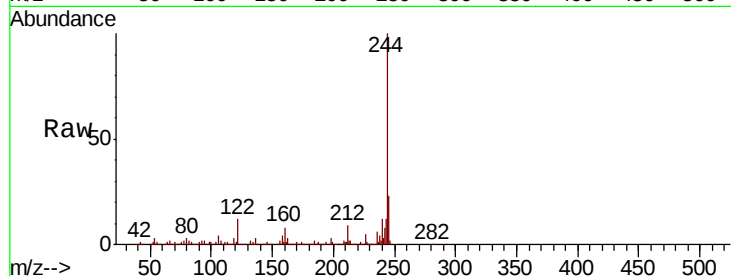
Tot Ion:244 Resp: 1395906

Ion Ratio Lower Upper

244 100

212 8.8 7.0 10.6

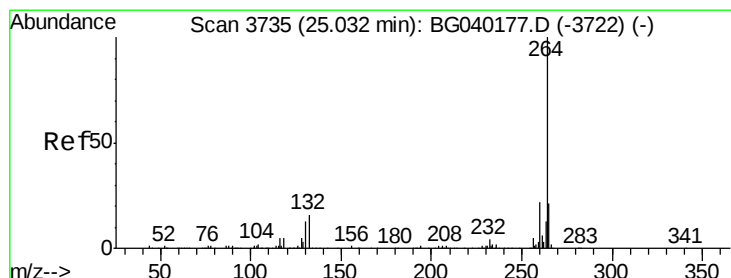
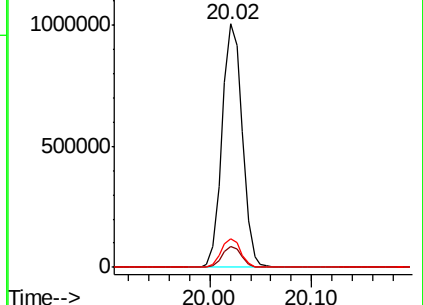
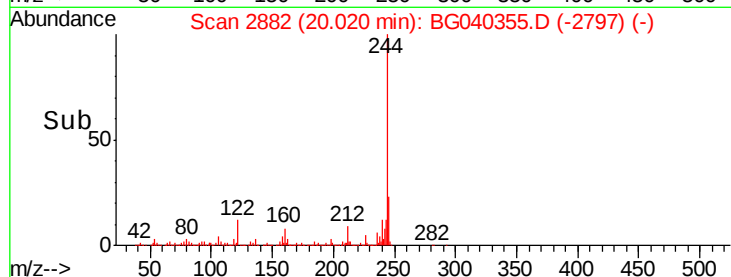
122 12.0 8.5 12.7



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.97 min Scan# 3724

Delta R.T. -0.07 min

Lab File: BG040355.D

Acq: 4 Apr 2019 11:15

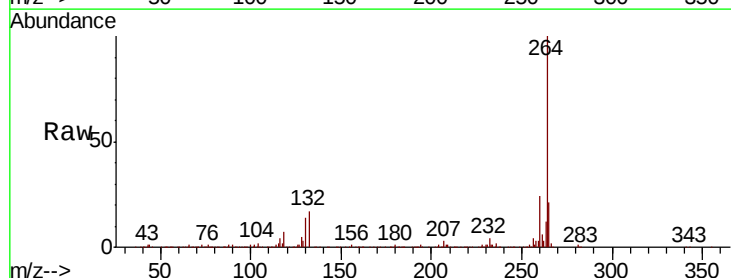
Tgt Ion:264 Resp: 464377

Ion Ratio Lower Upper

264 100

260 23.7 17.9 26.9

265 21.5 16.8 25.2



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

