

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040319\
 Data File : BG040357.D
 Acq On : 4 Apr 2019 12:35
 Operator : JU/SJ
 Sample : K2210-03
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 04 13:33:34 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

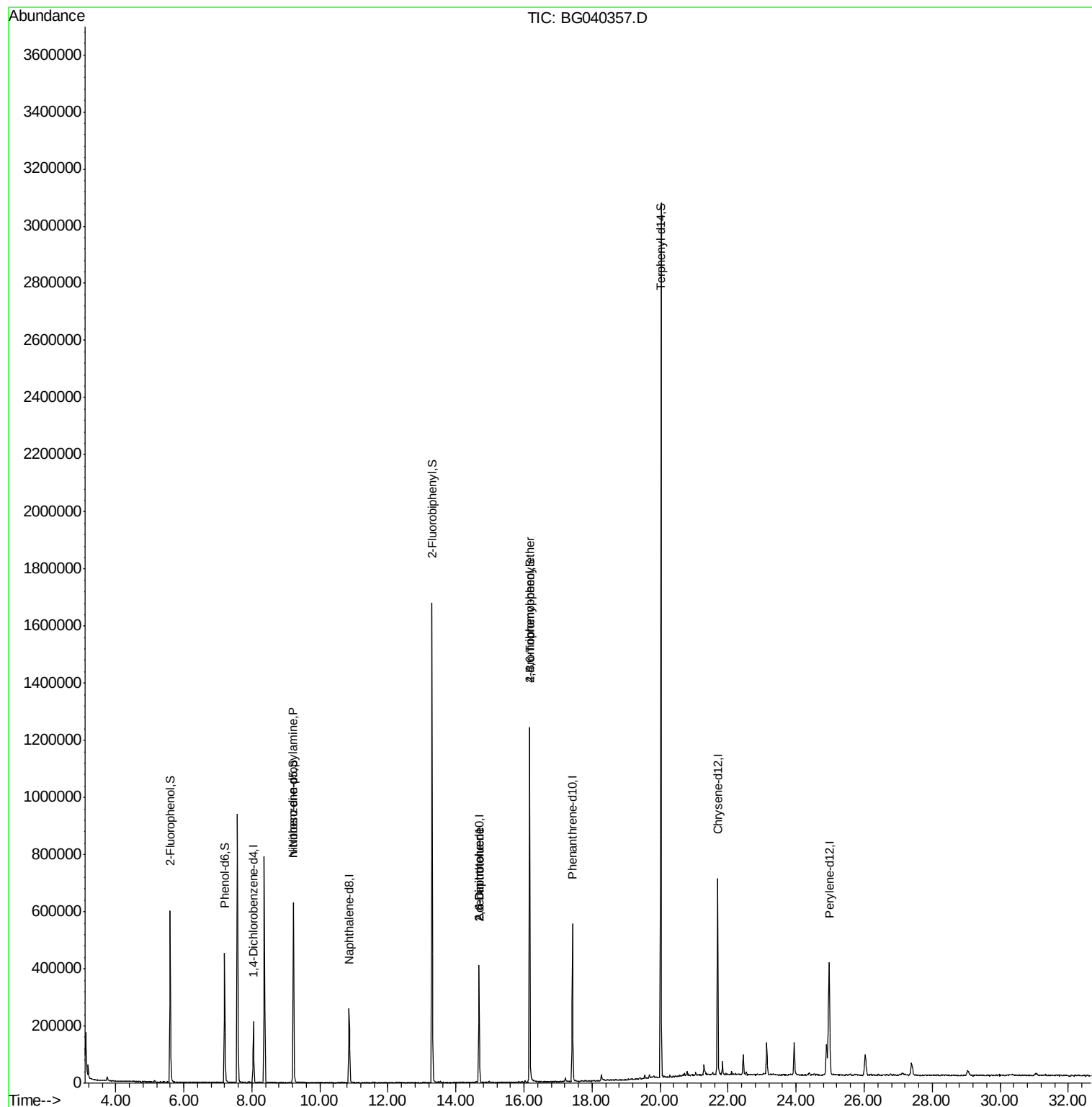
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	60161	20.00	ng	-0.03
21) Naphthalene-d8	10.86	136	237995	20.00	ng	-0.03
39) Acenaphthene-d10	14.68	164	142968	20.00	ng	-0.03
64) Phenanthrene-d10	17.42	188	353040	20.00	ng	-0.03
76) Chrysene-d12	21.69	240	410637	20.00	ng	-0.04
87) Perylene-d12	24.97	264	426317	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	271618	75.06	ng	-0.02
7) Phenol-d6	7.20	99	280196	56.02	ng	-0.03
23) Nitrobenzene-d5	9.22	82	400515	89.45	ng	-0.03
42) 2,4,6-Tribromophenol	16.16	330	229054	148.24	ng	-0.03
45) 2-Fluorobiphenyl	13.30	172	896213	92.89	ng	-0.03
79) Terphenyl-d14	20.02	244	1423047	77.96	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.23	70	51177	14.272	ng	# 70
51) 2,6-Dinitrotoluene	14.68	165	18627	7.414	ng	# 25
57) 2,4-Dinitrotoluene	14.68	165	18627	5.336	ng	# 25
67) 4-Bromophenyl-phenylether	16.16	248	17829	4.488	ng	# 1

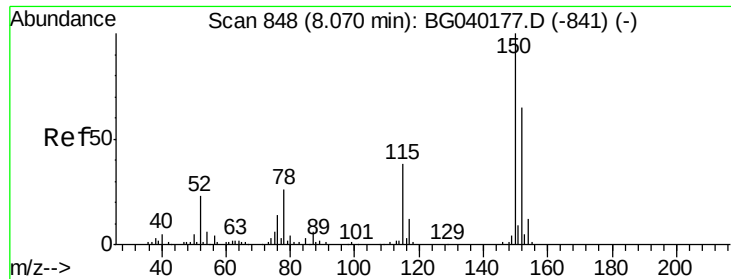
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
BNA_G
ClientSampleId :

Quant Time: Apr 04 13:33:34 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



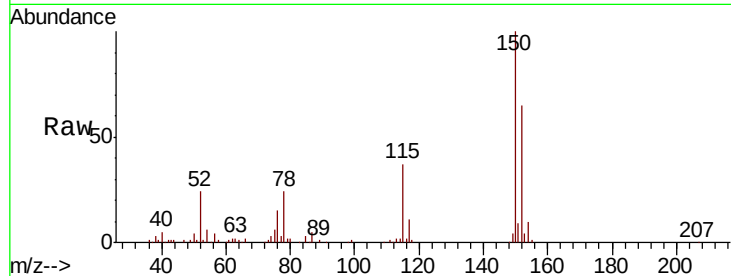


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.03 min
Lab File: BG040357.D
Acq: 4 Apr 2019 12:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	123.7	185.5
115	56.4	46.9	70.3

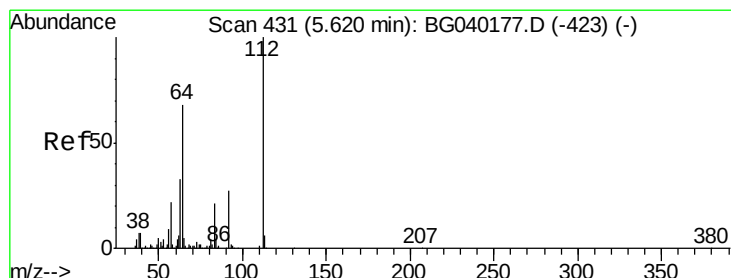
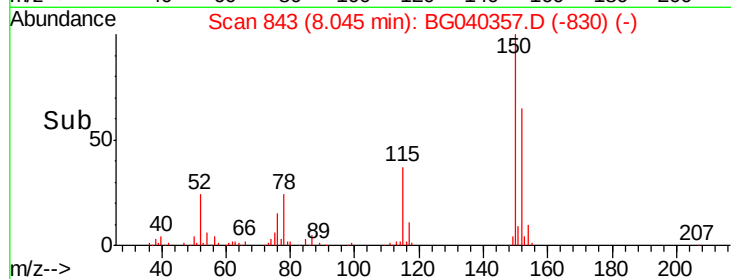
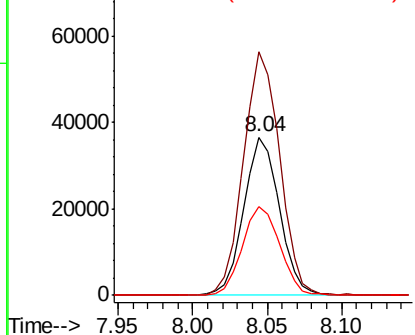


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

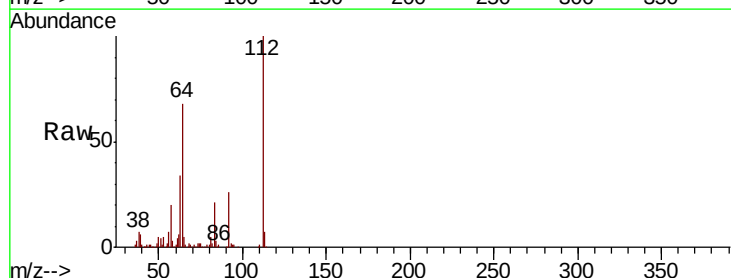
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 75.055 ng
RT: 5.60 min Scan# 427
Delta R.T. -0.02 min
Lab File: BG040357.D
Acq: 4 Apr 2019 12:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.0	54.2	81.2
63	34.1	26.4	39.6

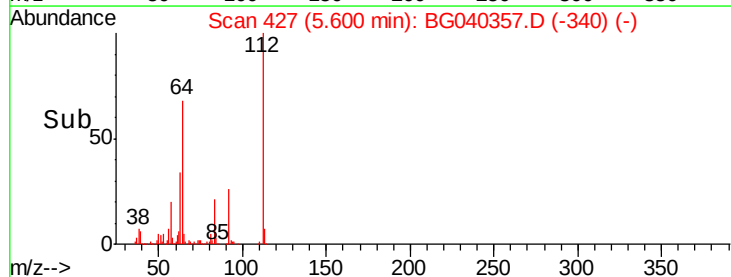
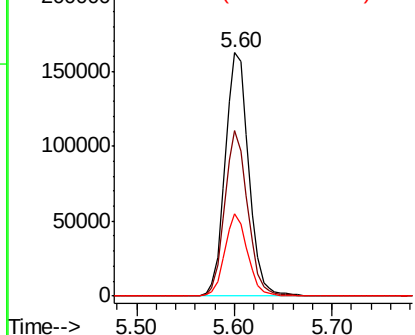


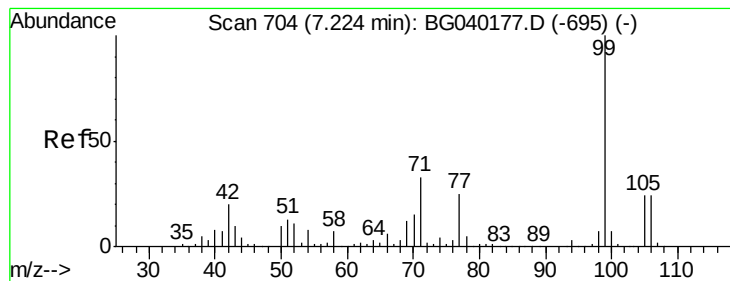
Abundance

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: 56.024 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.03 min

Lab File: BG040357.D

Acq: 4 Apr 2019 12:35

Instrument :

BNA_G

ClientSampleId :

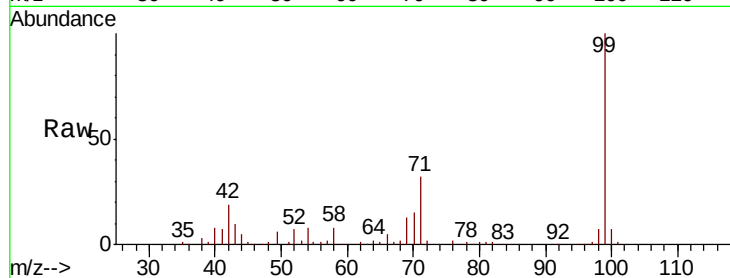
Tot Ion: 99 Resp: 280196

Ion Ratio Lower Upper

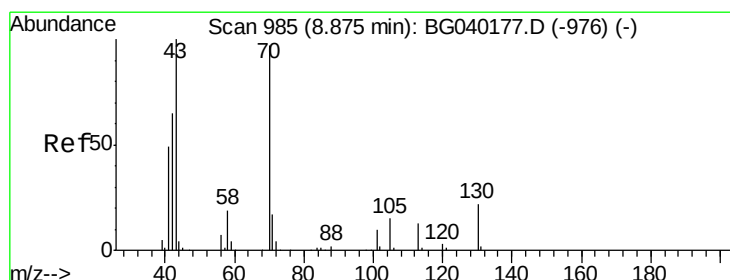
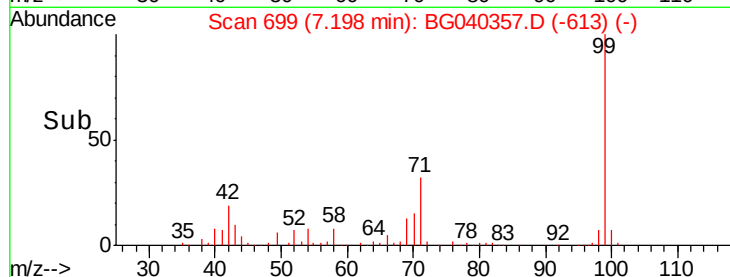
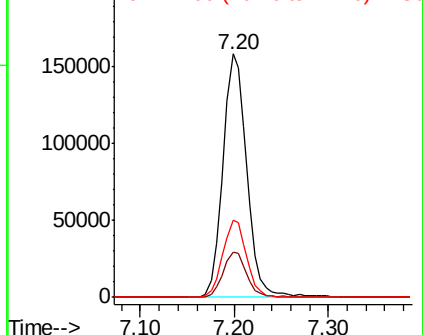
99 100

42 18.8 16.2 24.2

71 31.8 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: 14.272 ng

RT: 9.23 min Scan# 1044

Delta R.T. 0.35 min

Lab File: BG040357.D

Acq: 4 Apr 2019 12:35

Tgt Ion: 70 Resp: 51177

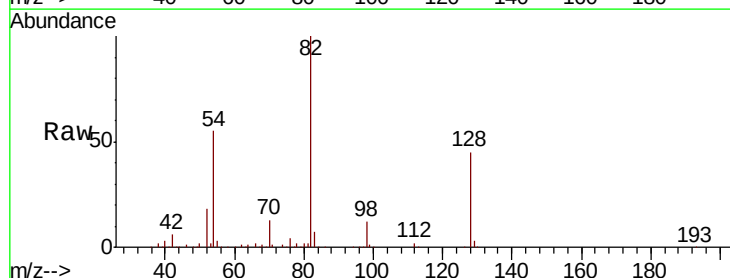
Ion Ratio Lower Upper

70 100

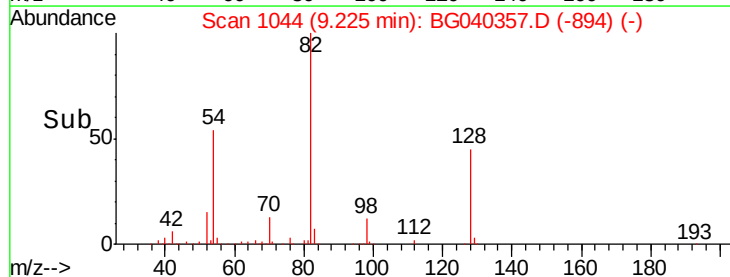
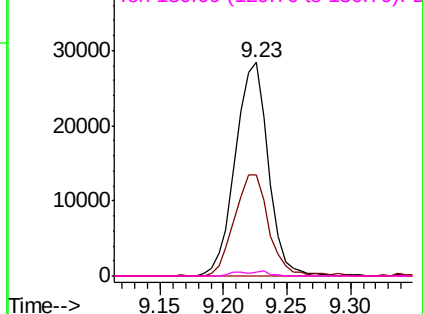
42 47.1 54.0 81.0#

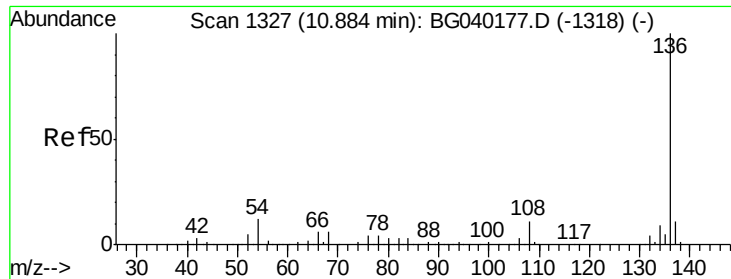
101 0.0 8.6 13.0#

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

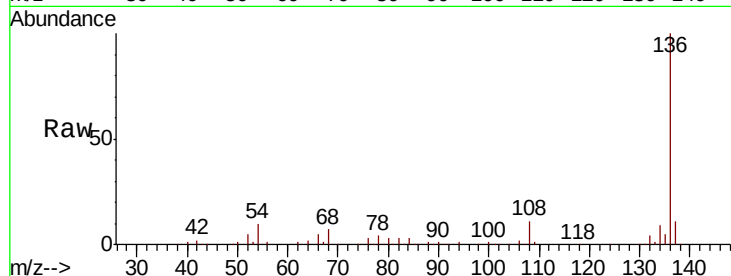




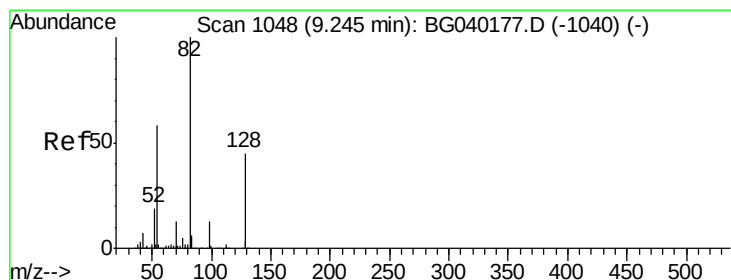
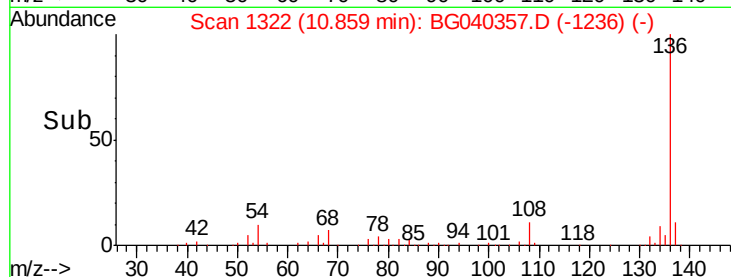
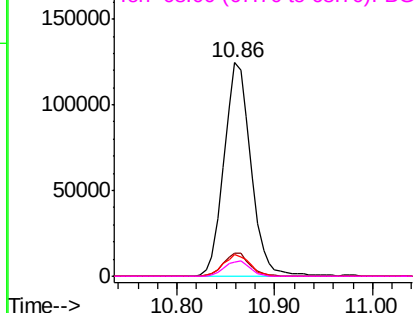
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.03 min
Lab File: BG040357.D
Acq: 4 Apr 2019 12:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	237995
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.9 13.3
54	10.2	9.6 14.4
68	6.7	5.1 7.7

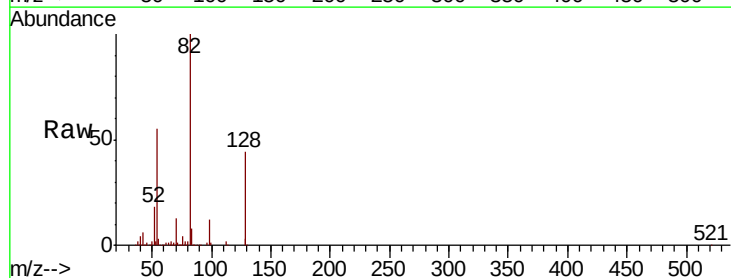


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

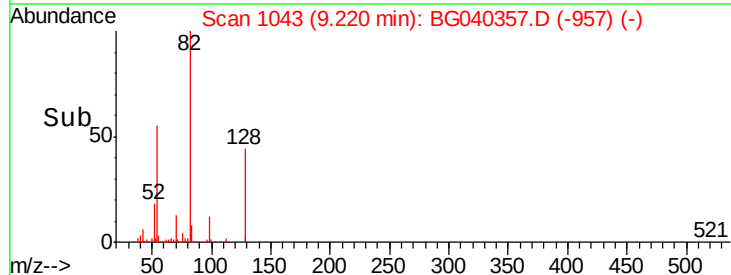
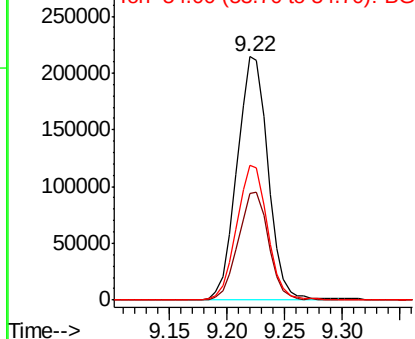


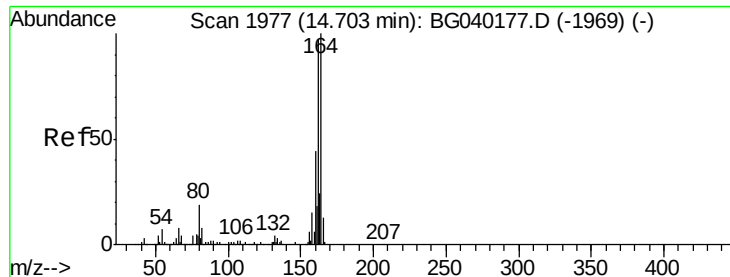
#23
Nitrobenzene-d5
Concen: 89.450 ng
RT: 9.22 min Scan# 1043
Delta R.T. -0.03 min
Lab File: BG040357.D
Acq: 4 Apr 2019 12:35

Tgt Ion: 82	Resp:	400515
Ion Ratio	Lower	Upper
82	100	
128	43.8	35.8 53.8
54	55.4	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# 1972

Delta R.T. -0.03 min

Lab File: BG040357.D

Acq: 4 Apr 2019 12:35

Instrument :

BNA_G

ClientSampleId :

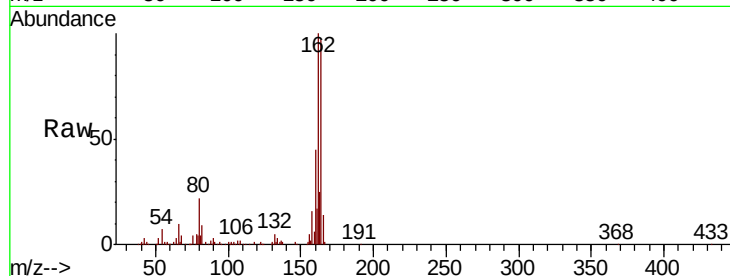
Tot Ion:164 Resp: 142968

Ion Ratio Lower Upper

164 100

162 103.0 77.4 116.2

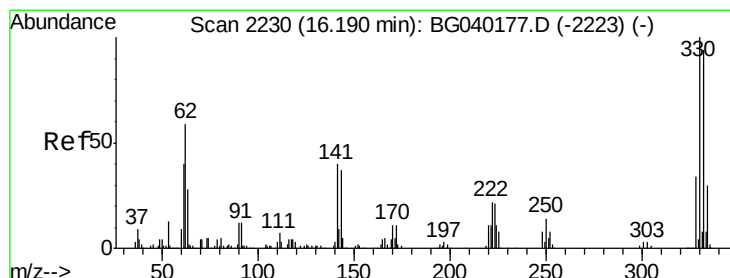
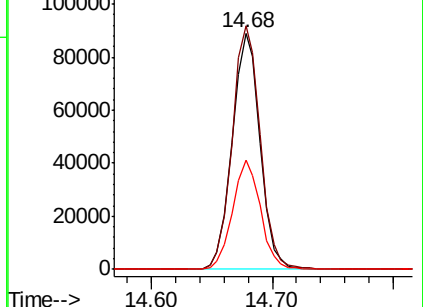
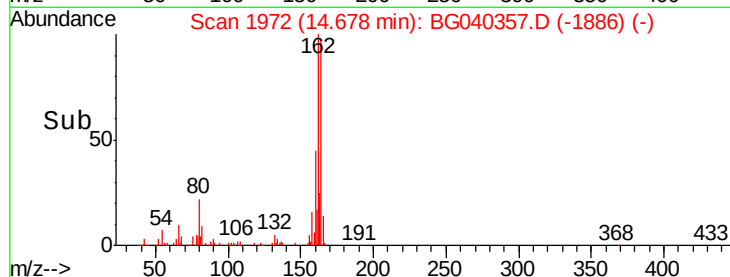
160 46.4 35.3 52.9



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: 148.244 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.03 min

Lab File: BG040357.D

Acq: 4 Apr 2019 12:35

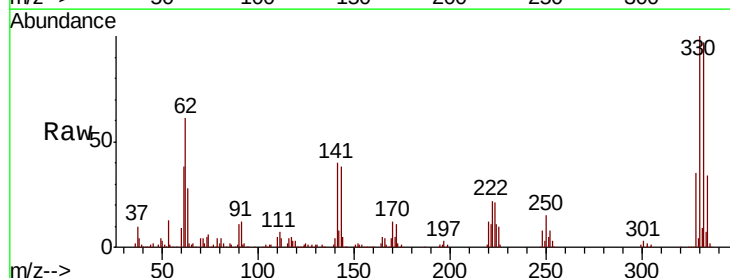
Tgt Ion:330 Resp: 229054

Ion Ratio Lower Upper

330 100

332 97.8 76.6 115.0

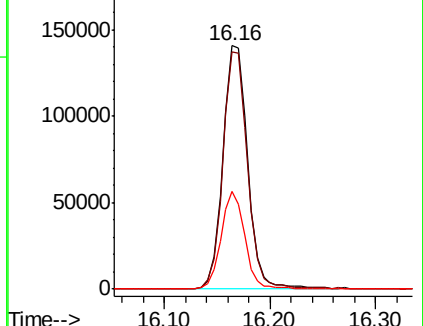
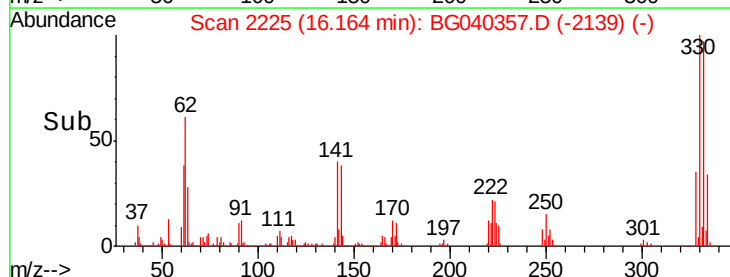
141 38.6 32.6 48.8

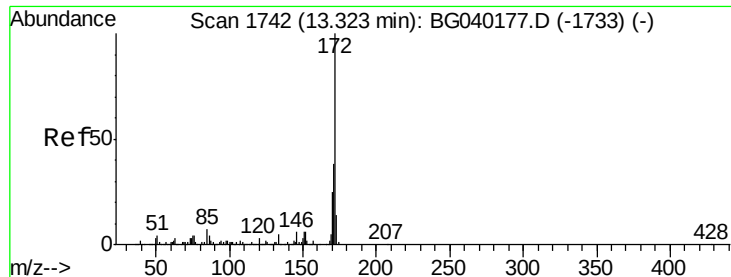


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

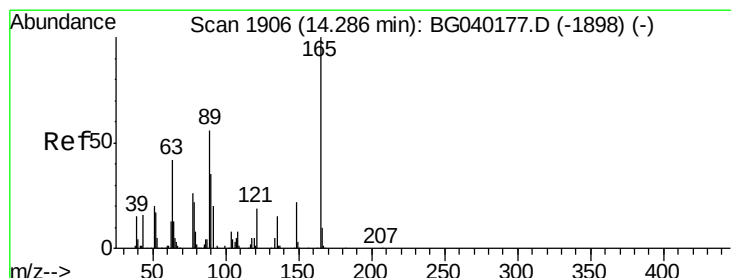
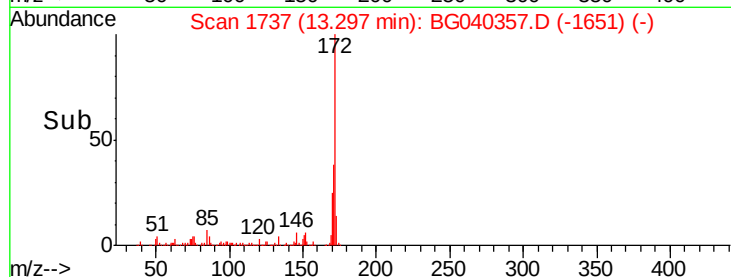
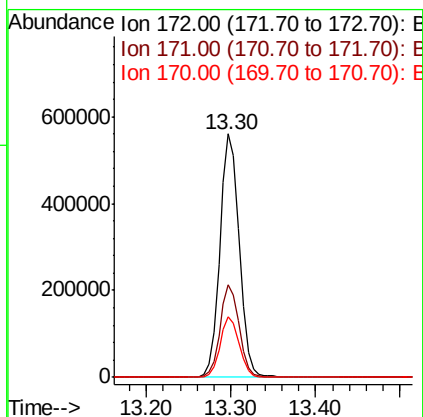
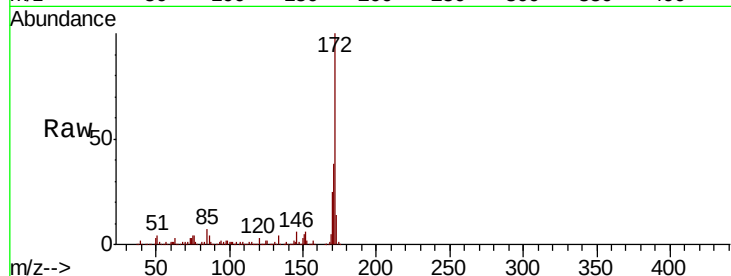




#45
2-Fluorobiphenyl
Concen: 92.886 ng
RT: 13.30 min Scan# 1737
Delta R.T. -0.03 min
Lab File: BG040357.D
Acq: 4 Apr 2019 12:35

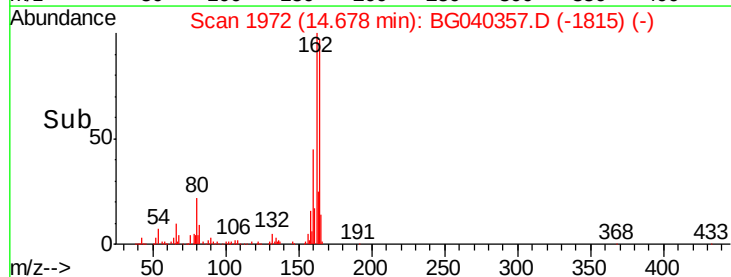
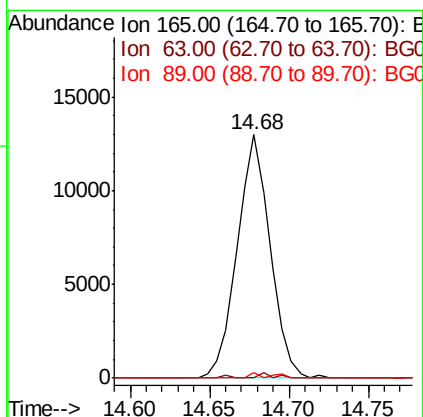
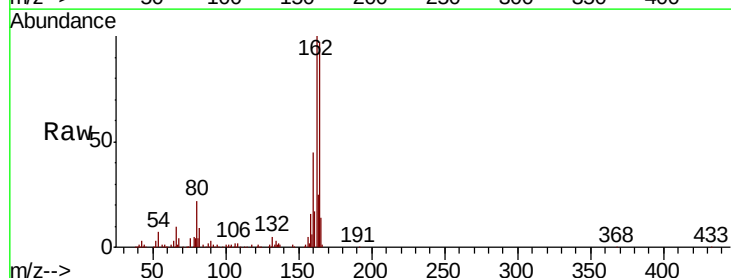
Instrument :
BNA_G
ClientSampleId :

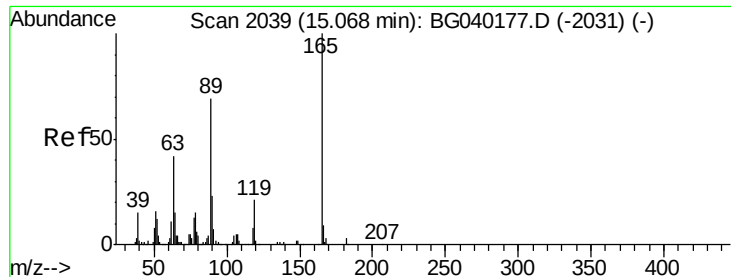
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.0	30.5	45.7
170	24.7	20.1	30.1



#51
2,6-Dinitrotoluene
Concen: 7.414 ng
RT: 14.68 min Scan# 1972
Delta R.T. 0.39 min
Lab File: BG040357.D
Acq: 4 Apr 2019 12:35

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.1	66.1#
89	2.2	44.9	67.3#

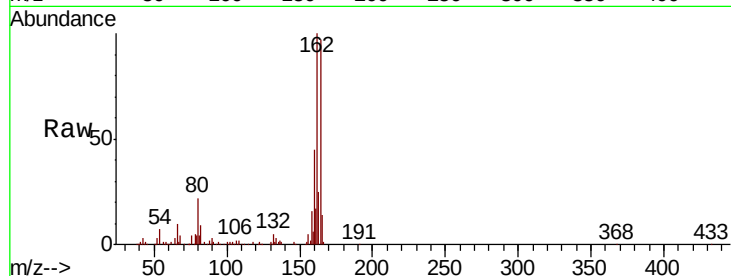




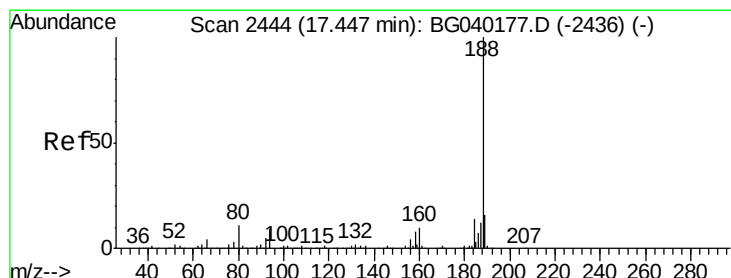
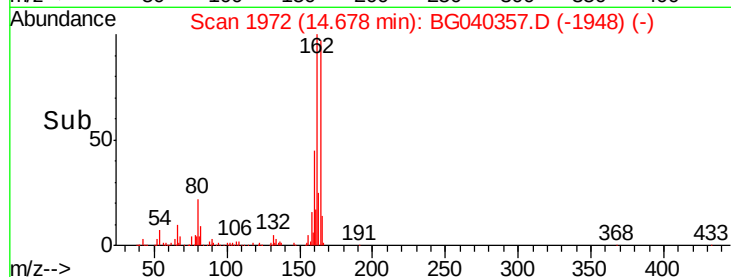
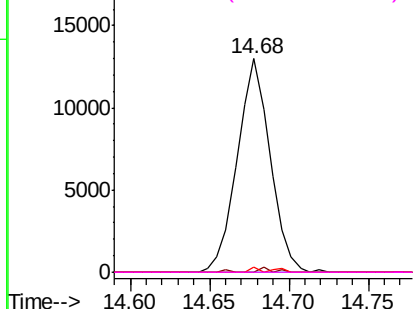
#57
 2,4-Dinitrotoluene
 Concen: 5.336 ng
 RT: 14.68 min Scan# 1972
 Delta R.T. -0.39 min
 Lab File: BG040357.D
 Acq: 4 Apr 2019 12:35

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	165	Resp:	18627
Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.8	50.6#
89	2.2	55.4	83.2#
182	0.0	2.2	3.4#

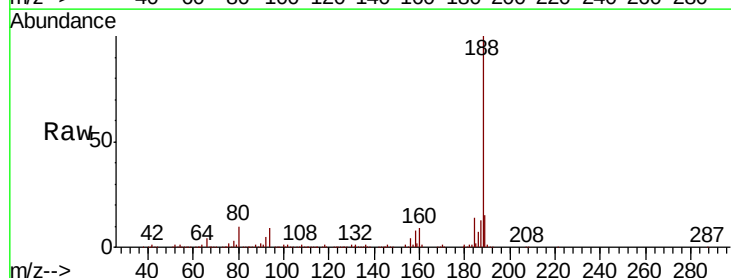


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

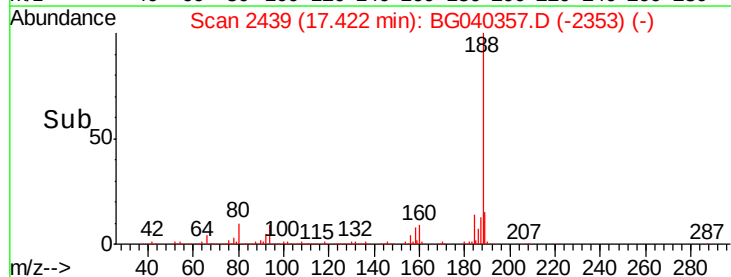
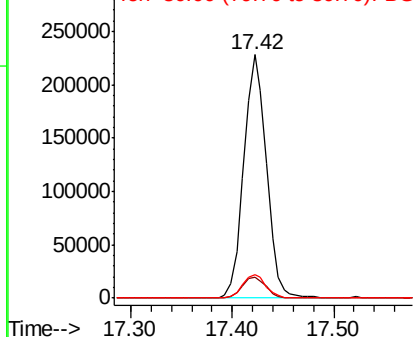


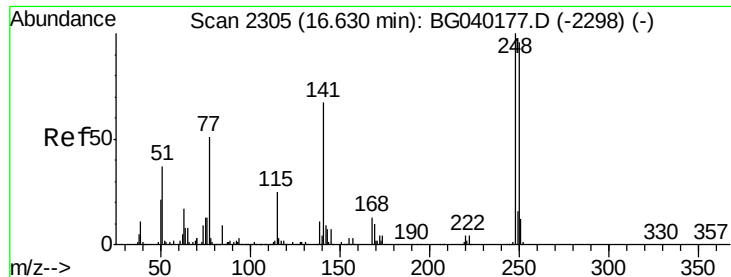
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2439
 Delta R.T. -0.03 min
 Lab File: BG040357.D
 Acq: 4 Apr 2019 12:35

Tgt Ion:	188	Resp:	353040
Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.0	10.4
80	9.9	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

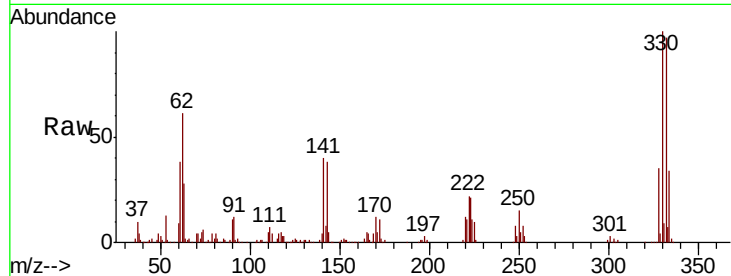




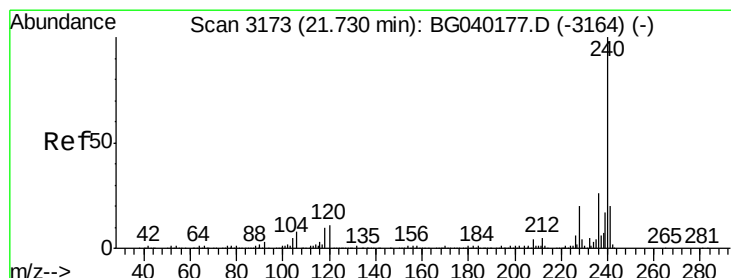
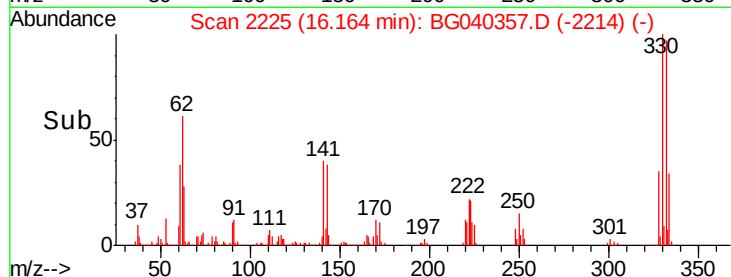
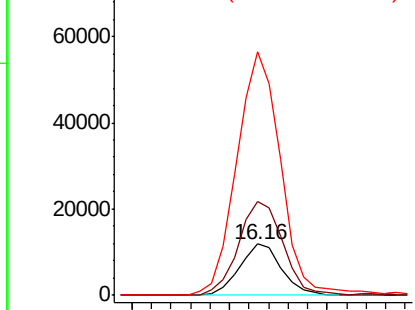
#67
4-Bromophenyl-phenylether
Concen: 4.488 ng
RT: 16.16 min Scan# 2225
Delta R.T. -0.47 min
Lab File: BG040357.D
Acq: 4 Apr 2019 12:35

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 17829
Ion Ratio Lower Upper
248 100
250 182.5 76.4 114.6#
141 475.5 53.8 80.8#

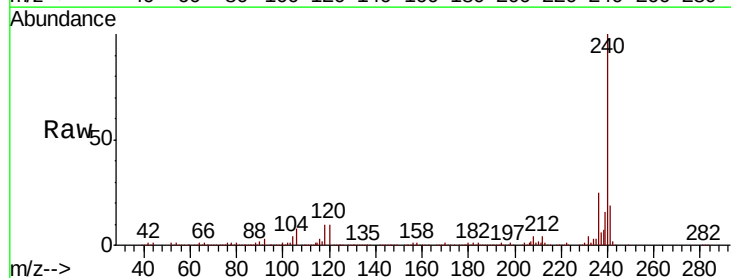


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

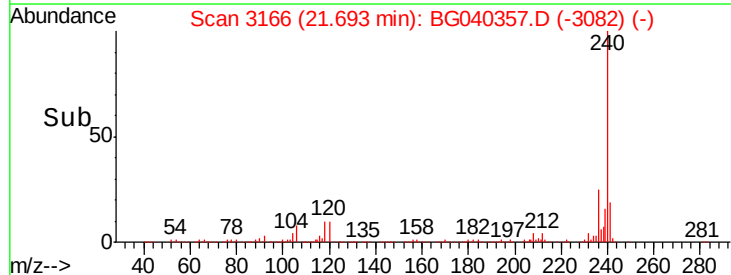
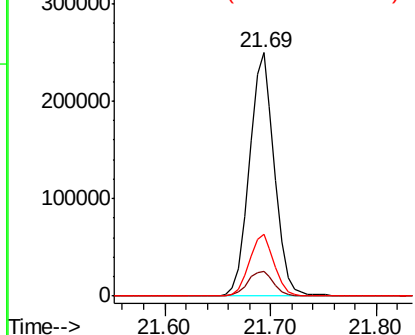


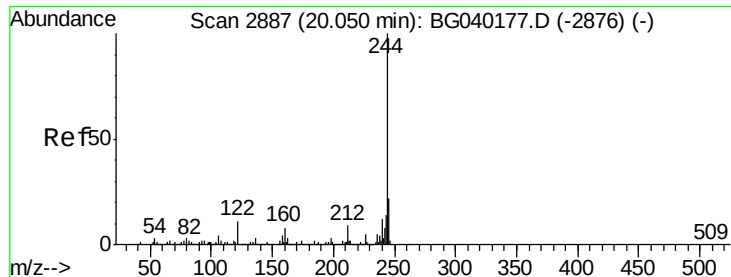
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.04 min
Lab File: BG040357.D
Acq: 4 Apr 2019 12:35

Tgt Ion:240 Resp: 410637
Ion Ratio Lower Upper
240 100
120 10.1 8.4 12.6
236 25.2 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: 77.961 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.03 min

Lab File: BG040357.D

Acq: 4 Apr 2019 12:35

Instrument :

BNA_G

ClientSampled :

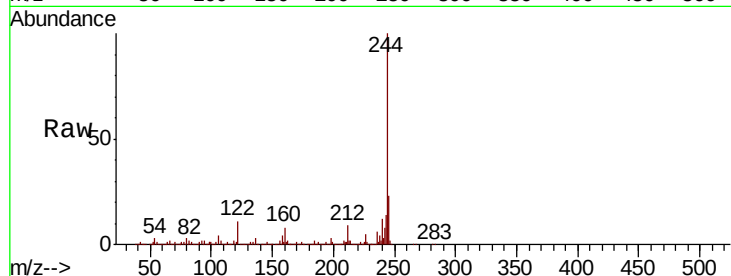
Tot Ion:244 Resp: 1423047

Ion Ratio Lower Upper

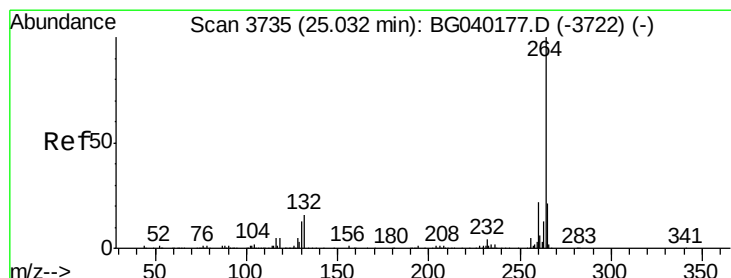
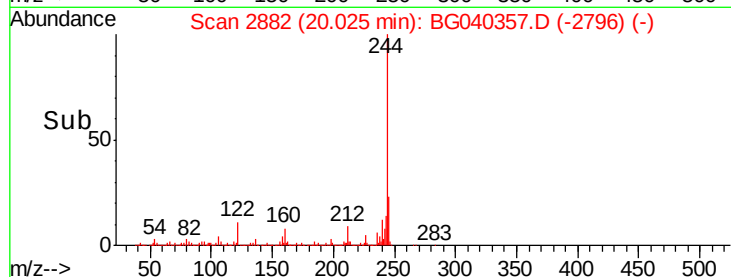
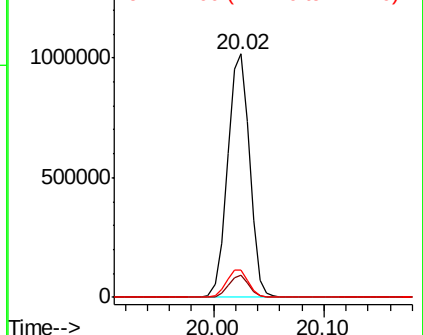
244 100

212 8.9 7.0 10.6

122 11.4 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# 3723

Delta R.T. -0.07 min

Lab File: BG040357.D

Acq: 4 Apr 2019 12:35

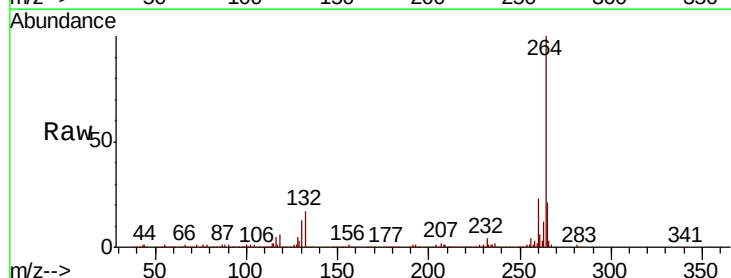
Tgt Ion:264 Resp: 426317

Ion Ratio Lower Upper

264 100

260 22.8 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

