

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062719\
 Data File : BG041481.D
 Acq On : 27 Jun 2019 8:41
 Operator : HP/JU
 Sample : K3511-05
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 27 11:33:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG062619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 27 06:49:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	29339	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	104781	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	72208	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	190170	20.00	ng	0.00
76) Chrysene-d12	21.70	240	207257	20.00	ng	0.00
87) Perylene-d12	24.99	264	222368	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.57	112	97230	59.08	ng	0.00
7) Phenol-d6	7.19	99	85780	37.03	ng	0.00
23) Nitrobenzene-d5	9.21	82	225646	89.82	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	180570	146.46	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	548075	97.40	ng	0.00
79) Terphenyl-d14	20.03	244	980338	100.52	ng	0.00

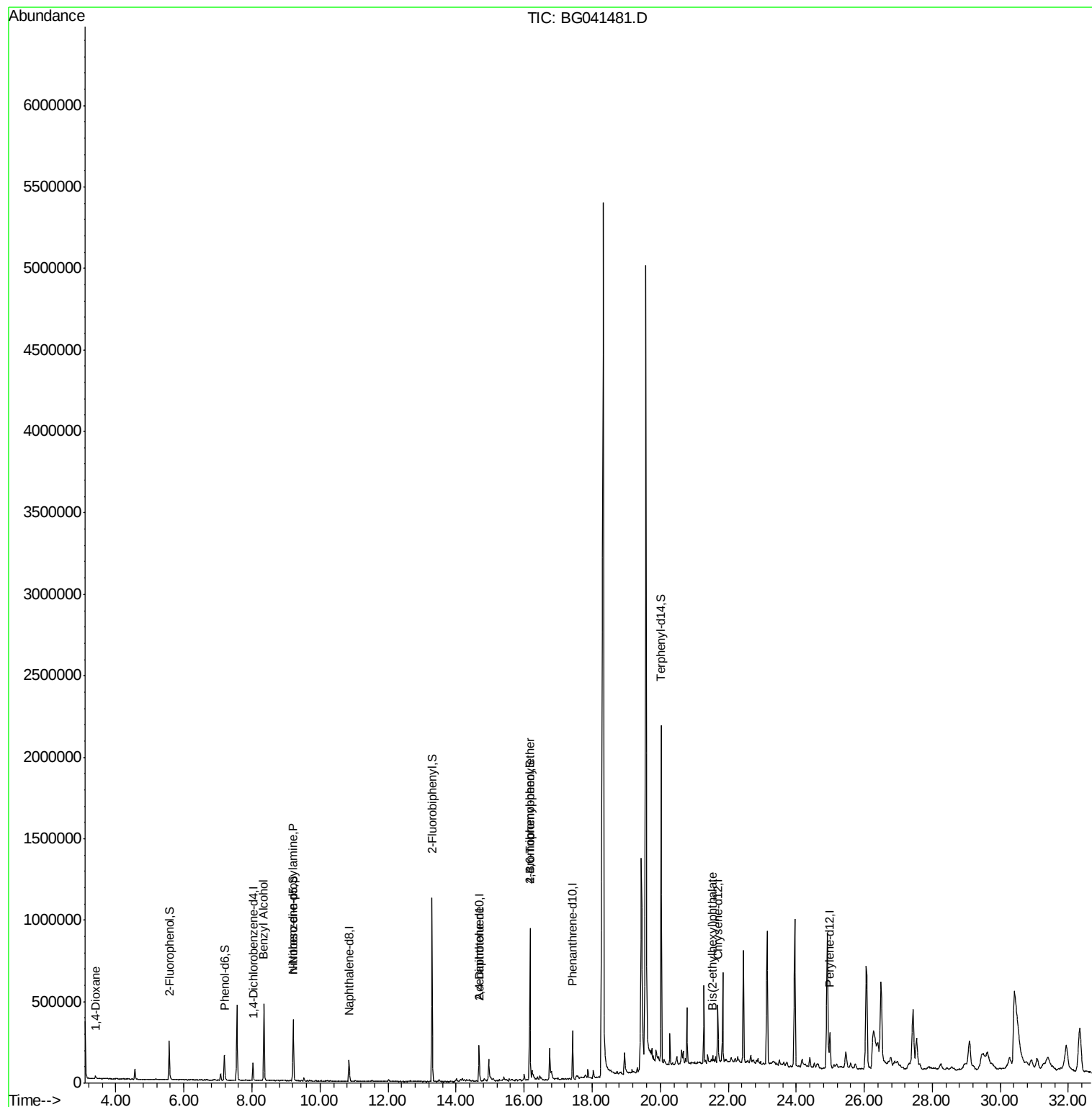
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.41	88	11398	15.301	ng	# 79
15) Benzyl Alcohol	8.35	79	4061	2.201	ng	# 60
19) n-Nitroso-di-n-propylamine	9.21	70	33574	19.430	ng	# 74
57) 2,4-Dinitrotoluene	14.67	165	9640	4.765	ng	# 27
67) 4-Bromophenyl-phenylether	16.17	248	12927	4.974	ng	# 1
84) Bis(2-ethylhexyl)phthalate	21.54	149	16706	2.230	ng	# 97

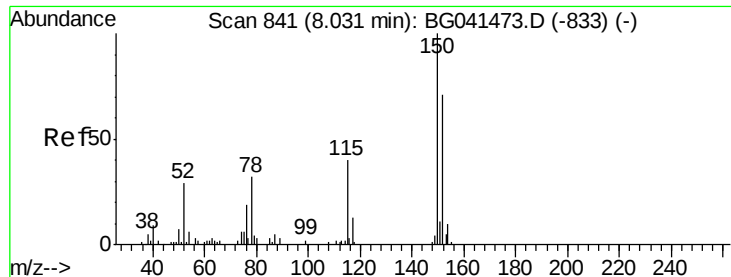
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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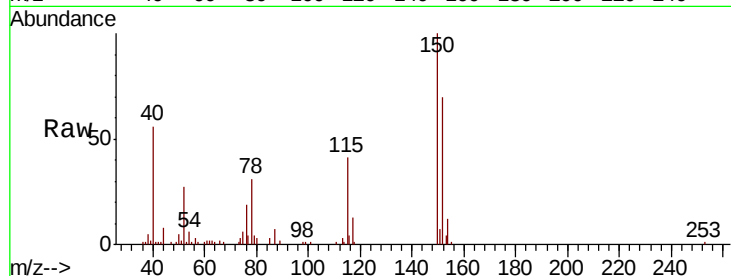


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG041481.D
Acq: 27 Jun 2019 8:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	142.3	112.4	168.6
115	58.3	44.6	66.8

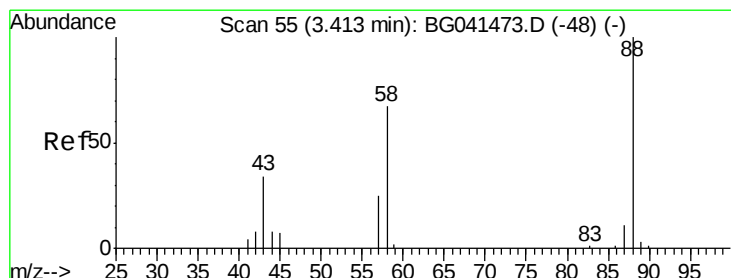
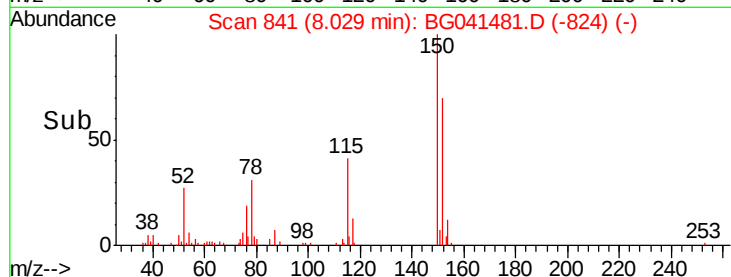
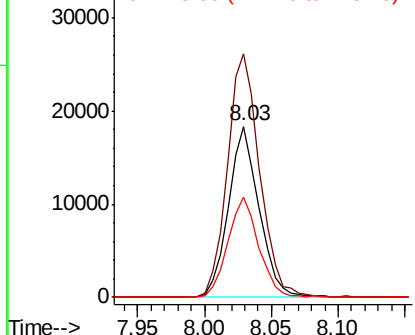


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

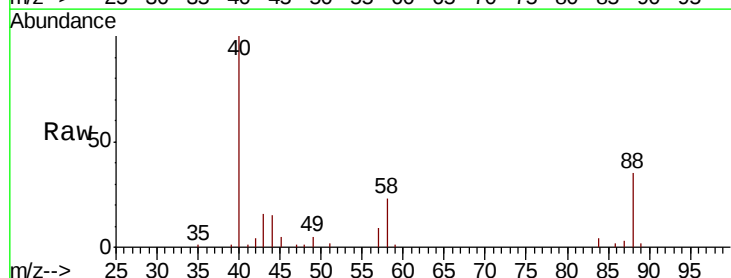
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 15.301 ng
RT: 3.41 min Scan# 54
Delta R.T. -0.01 min
Lab File: BG041481.D
Acq: 27 Jun 2019 8:41

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.3	55.8	83.8#
43	45.7	27.8	41.8#

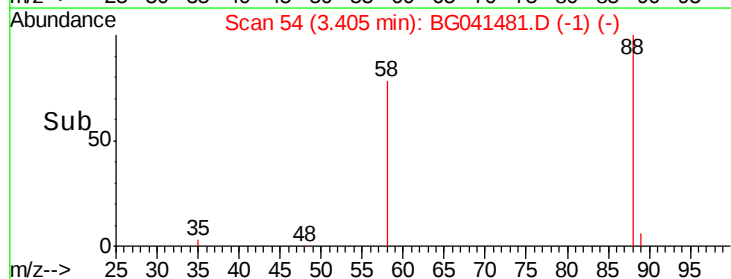
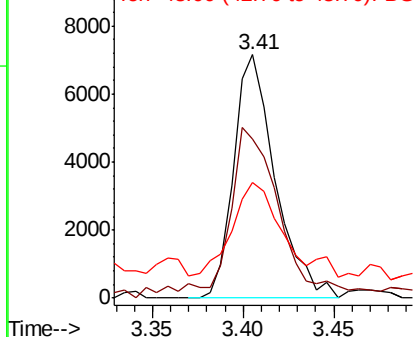


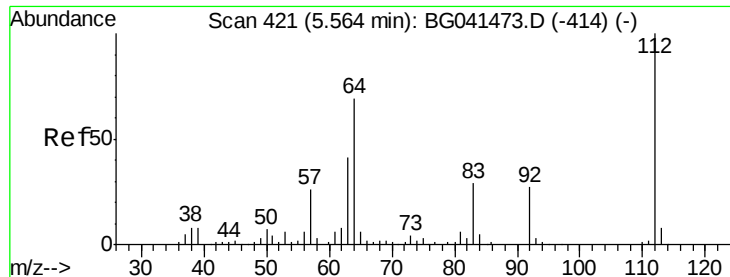
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#5

2-Fluorophenol

Concen: 59.084 ng

RT: 5.57 min Scan# 422

Delta R.T. 0.00 min

Lab File: BG041481.D

Acq: 27 Jun 2019 8:41

Instrument :

BNA_G

ClientSampled :

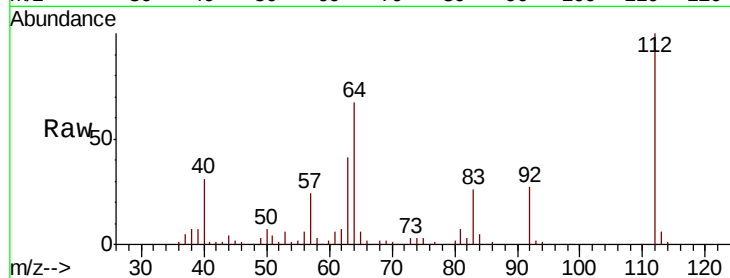
Tot Ion: 112 Resp: 97230

Ion Ratio Lower Upper

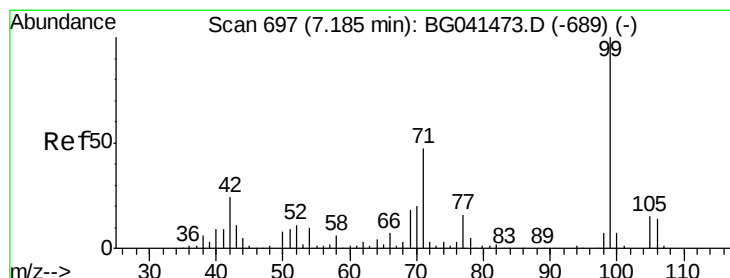
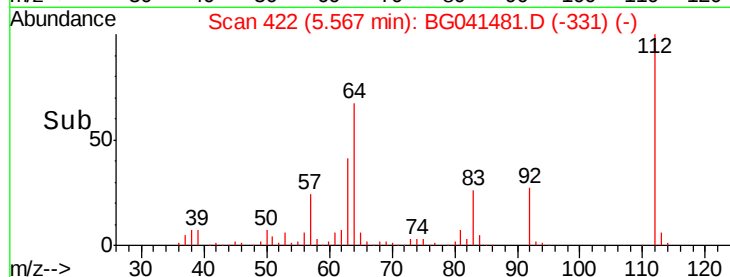
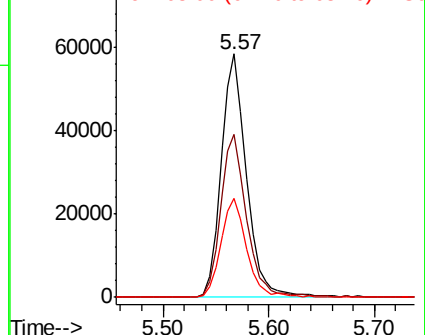
112 100

64 66.9 55.1 82.7

63 40.7 32.4 48.6



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



#7

Phenol-d6

Concen: 37.028 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG041481.D

Acq: 27 Jun 2019 8:41

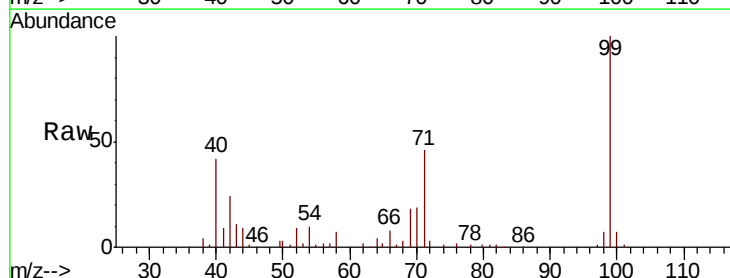
Tgt Ion: 99 Resp: 85780

Ion Ratio Lower Upper

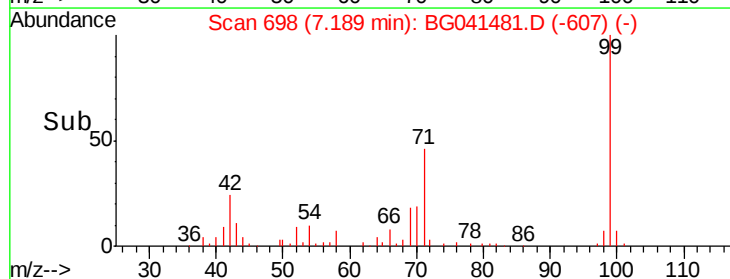
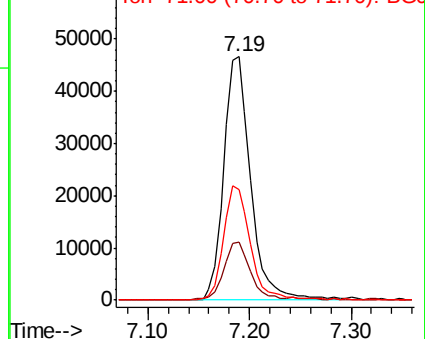
99 100

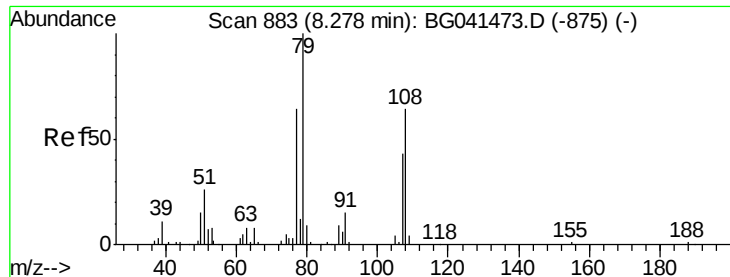
42 23.7 19.0 28.6

71 45.6 37.4 56.2



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





#15

Benzyl Alcohol

Concen: 2.201 ng

RT: 8.35 min Scan# 896

Delta R.T. 0.07 min

Lab File: BG041481.D

Acq: 27 Jun 2019 8:41

Instrument :

BNA_G

ClientSampleId :

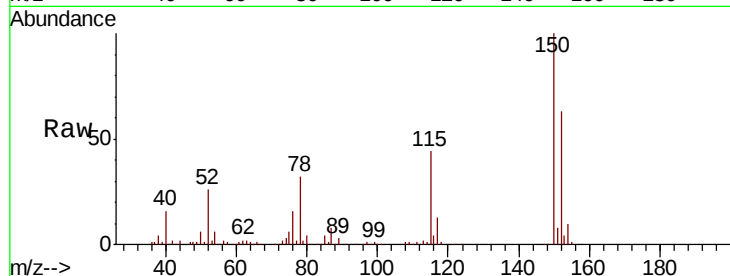
Tot Ion: 79 Resp: 4061

Ion Ratio Lower Upper

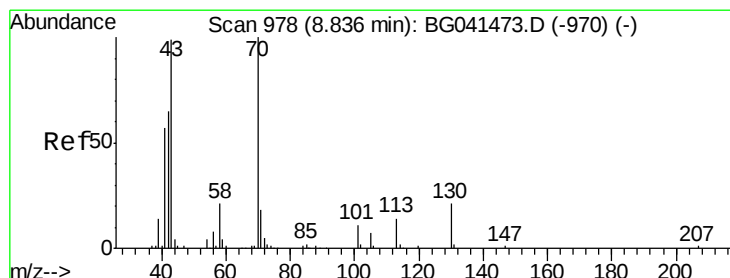
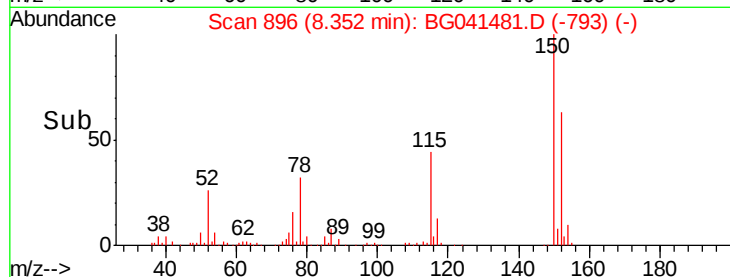
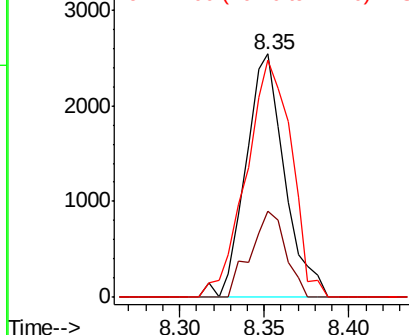
79 100

108 35.3 51.4 77.0#

77 97.2 50.8 76.2#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#19

n-Nitroso-di-n-propylamine

Concen: 19.430 ng

RT: 9.21 min Scan# 1042

Delta R.T. 0.37 min

Lab File: BG041481.D

Acq: 27 Jun 2019 8:41

Tgt Ion: 70 Resp: 33574

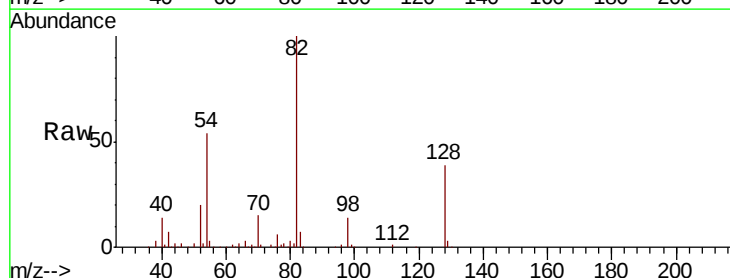
Ion Ratio Lower Upper

70 100

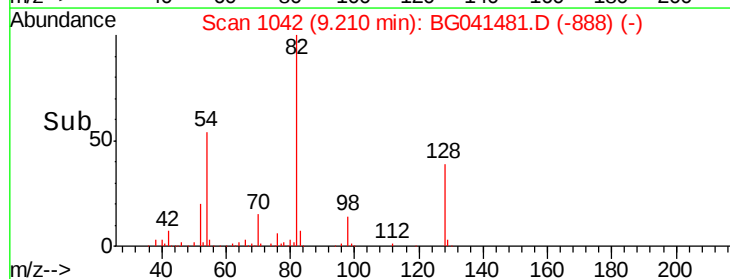
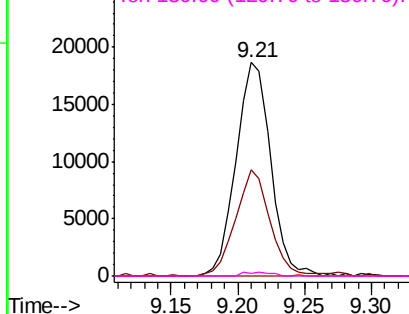
42 49.6 52.6 78.8#

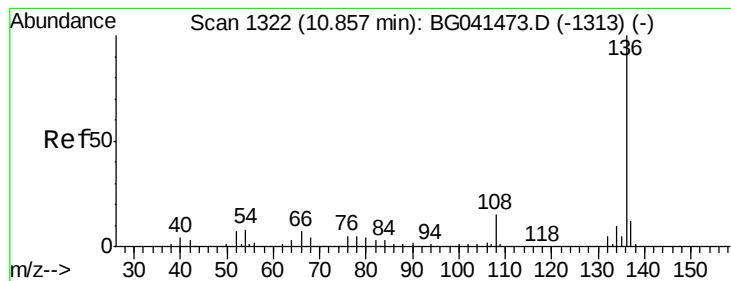
101 0.0 8.6 13.0#

130 1.3 16.6 25.0#



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: 10.85 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BG041481.D

Acq: 27 Jun 2019 8:41

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 104781

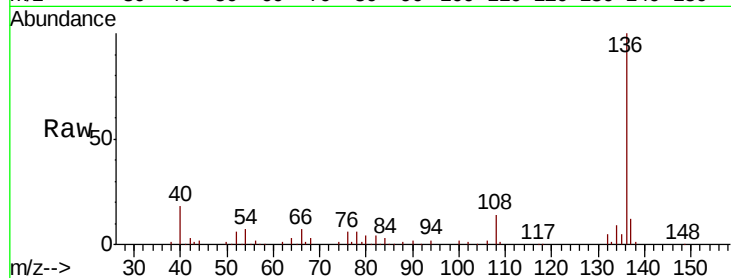
Ion Ratio Lower Upper

136 100

137 12.0 9.3 13.9

54 7.2 7.1 10.7

68 3.5 3.3 4.9

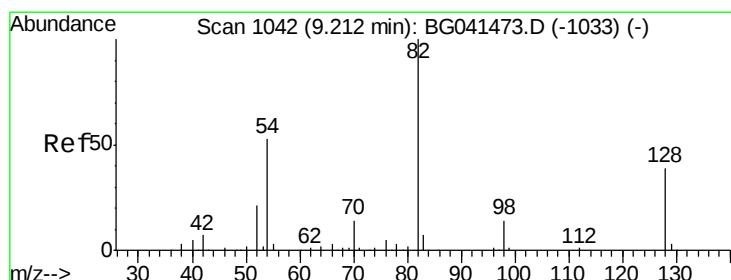
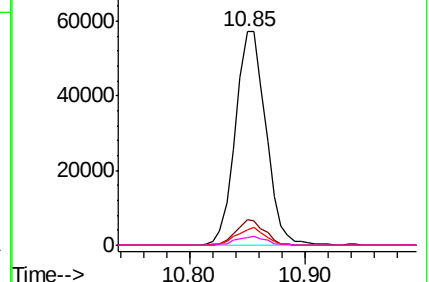
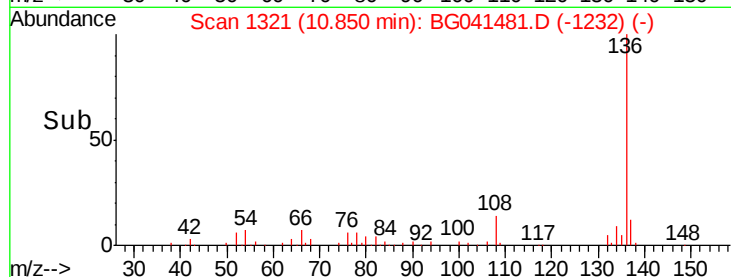


Abundance Ion 136.00 (135.70 to 136.70): E

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: 89.816 ng

RT: 9.21 min Scan# 1042

Delta R.T. -0.00 min

Lab File: BG041481.D

Acq: 27 Jun 2019 8:41

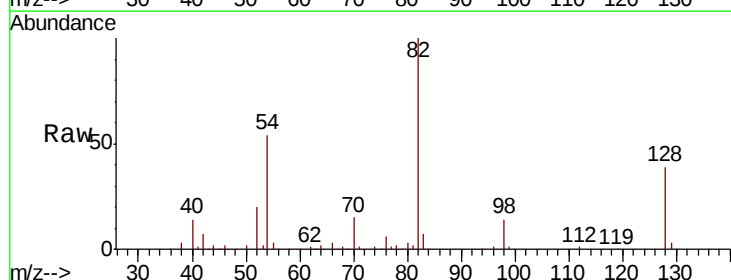
Tgt Ion: 82 Resp: 225646

Ion Ratio Lower Upper

82 100

128 38.7 30.9 46.3

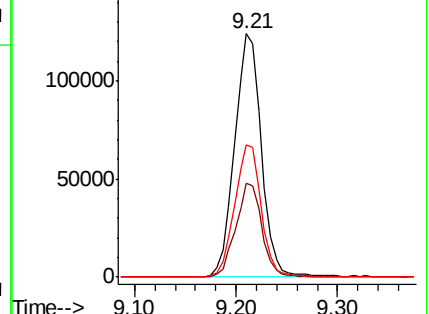
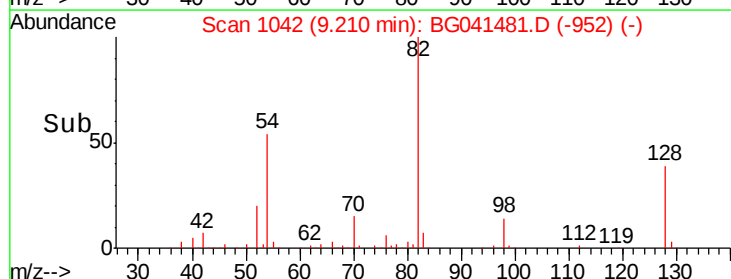
54 54.3 42.2 63.2

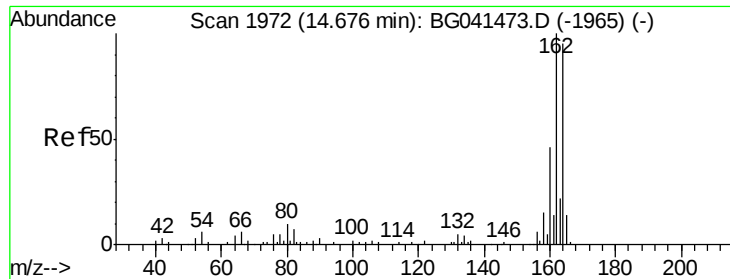


Abundance Ion 82.00 (81.70 to 82.70): BGC

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# 1972

Delta R.T. -0.00 min

Lab File: BG041481.D

Acq: 27 Jun 2019 8:41

Instrument :

BNA_G

ClientSampleId :

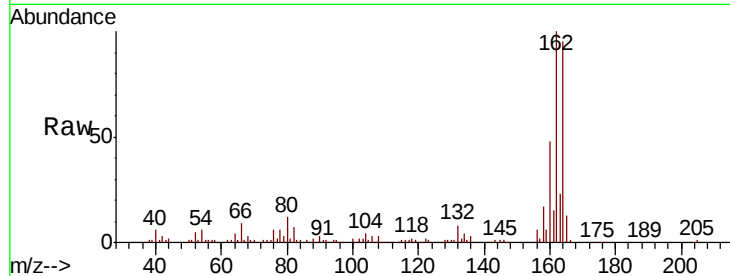
Tot Ion:164 Resp: 72208

Ion Ratio Lower Upper

164 100

162 104.8 84.4 126.6

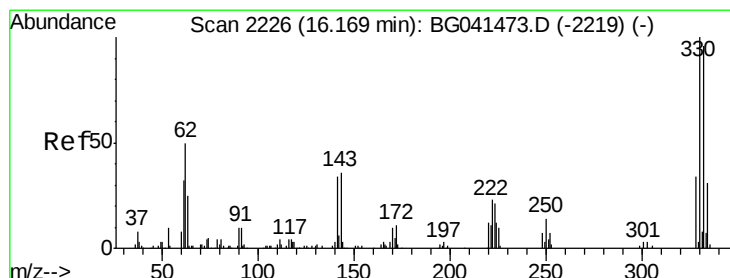
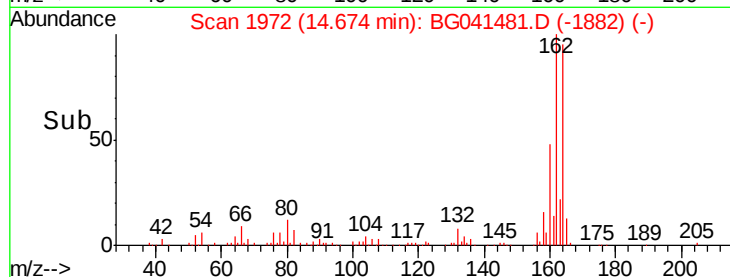
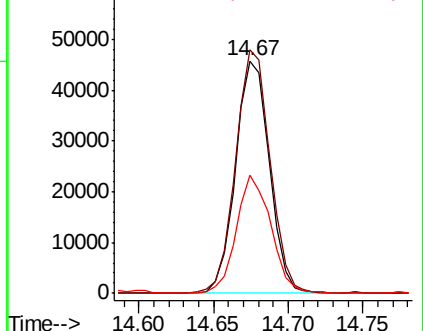
160 50.7 38.8 58.2



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: 146.459 ng

RT: 16.17 min Scan# 2227

Delta R.T. 0.00 min

Lab File: BG041481.D

Acq: 27 Jun 2019 8:41

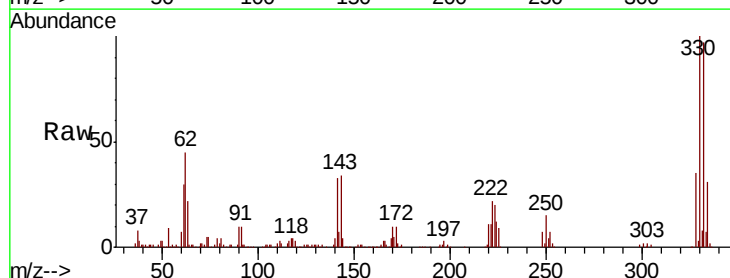
Tgt Ion:330 Resp: 180570

Ion Ratio Lower Upper

330 100

332 96.1 75.5 113.3

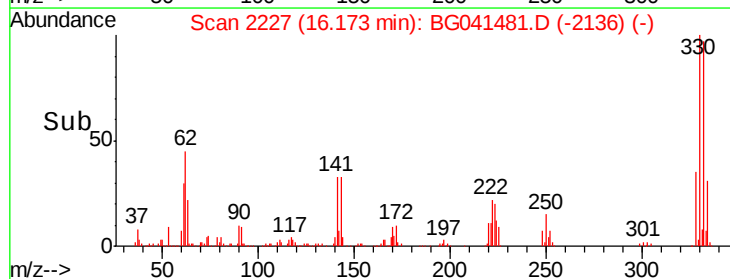
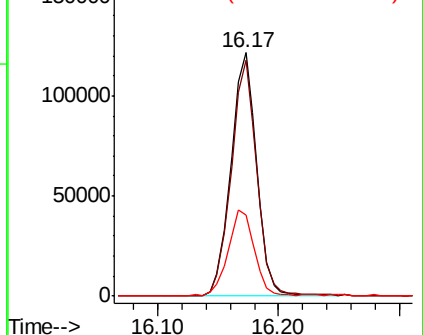
141 35.4 27.8 41.6

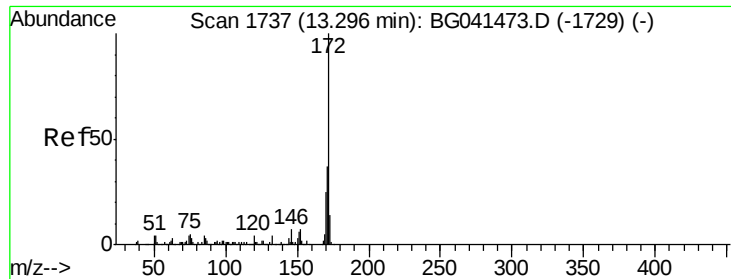


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

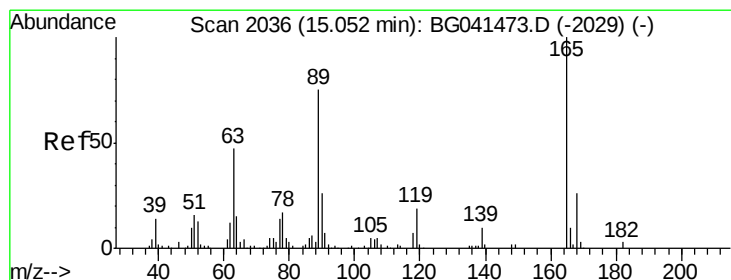
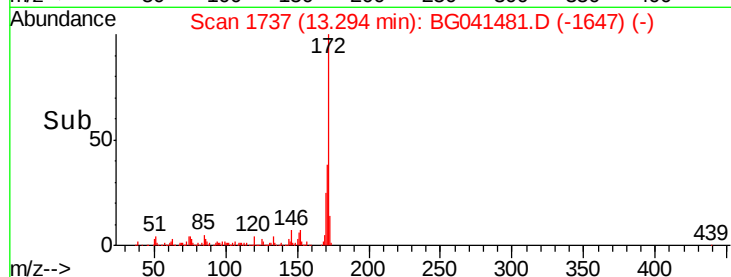
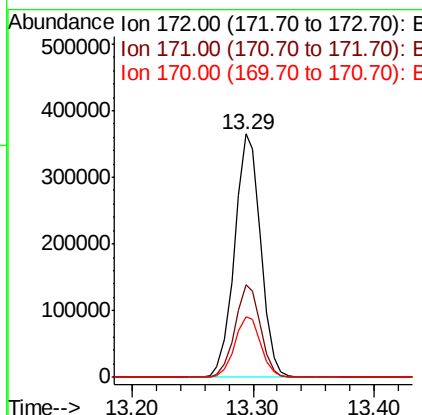
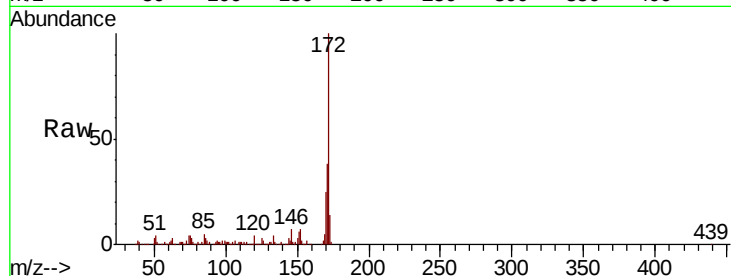




#45
2-Fluorobiphenyl
Concen: 97.402 ng
RT: 13.29 min Scan# 1737
Delta R.T. -0.00 min
Lab File: BG041481.D
Acq: 27 Jun 2019 8:41

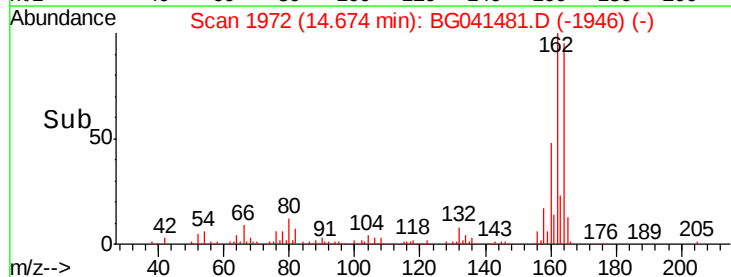
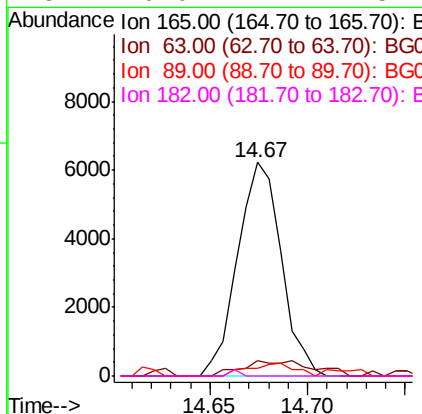
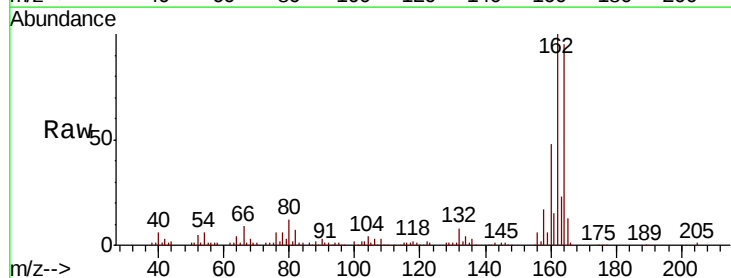
Instrument :
BNA_G
ClientSampled :

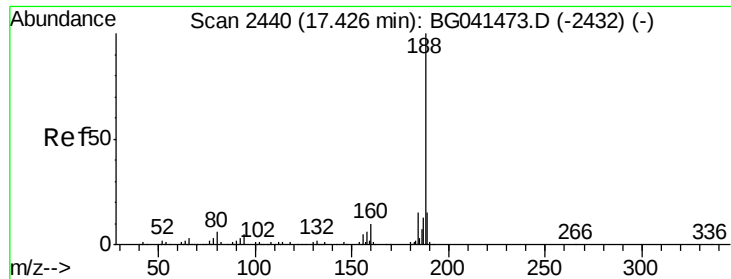
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.8	29.6	44.4
170	24.9	20.0	30.0



#57
2,4-Dinitrotoluene
Concen: 4.765 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.38 min
Lab File: BG041481.D
Acq: 27 Jun 2019 8:41

Tgt Ion	Ratio	Lower	Upper
165	100		
63	7.3	38.8	58.2#
89	3.8	60.1	90.1#
182	0.0	2.2	3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2440

Delta R.T. -0.00 min

Lab File: BG041481.D

Acq: 27 Jun 2019 8:41

Instrument :

BNA_G

ClientSampleId :

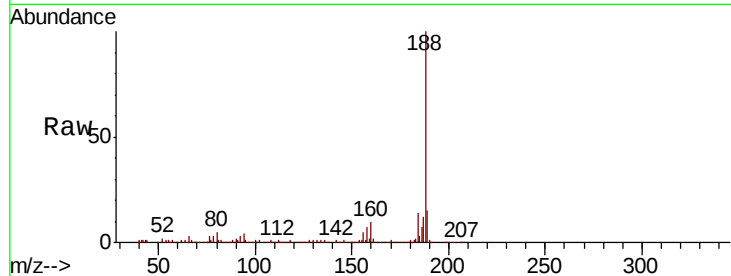
Tot Ion:188 Resp: 190170

Ion Ratio Lower Upper

188 100

94 4.5 3.8 5.8

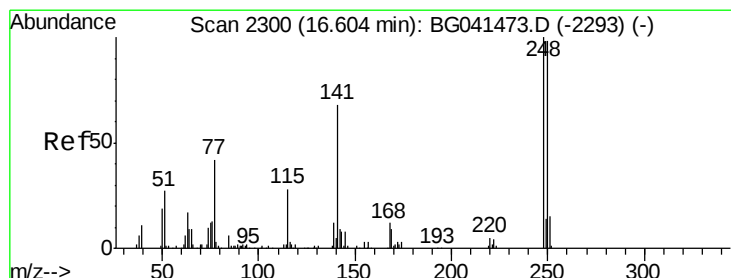
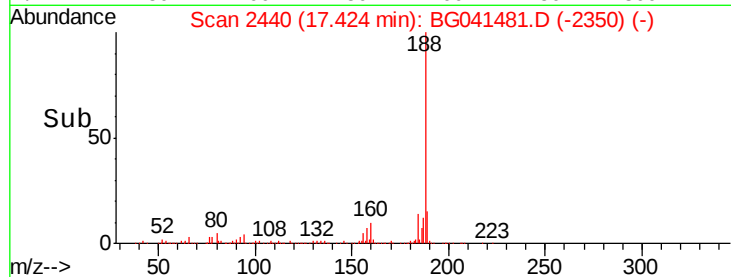
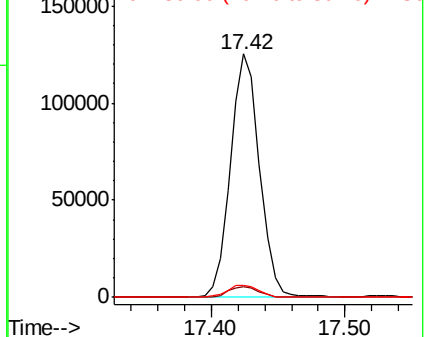
80 5.1 4.8 7.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#67

4-Bromophenyl-phenylether

Concen: 4.974 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.44 min

Lab File: BG041481.D

Acq: 27 Jun 2019 8:41

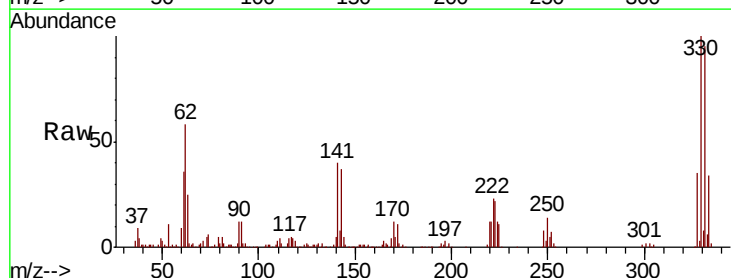
Tgt Ion:248 Resp: 12927

Ion Ratio Lower Upper

248 100

250 181.3 78.1 117.1#

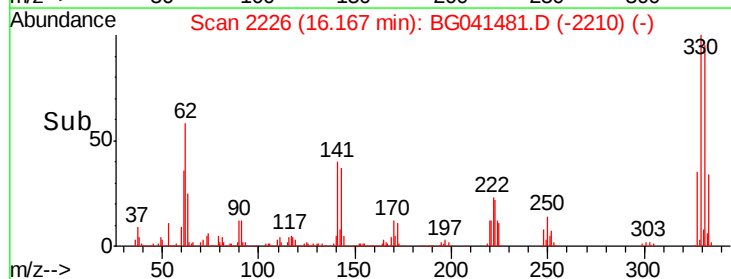
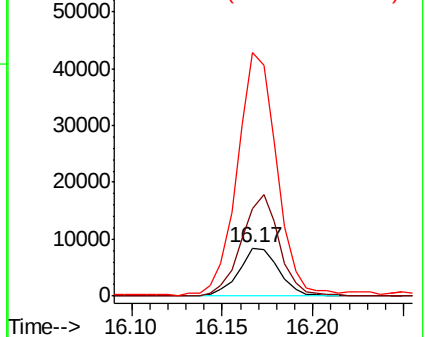
141 506.3 54.1 81.1#

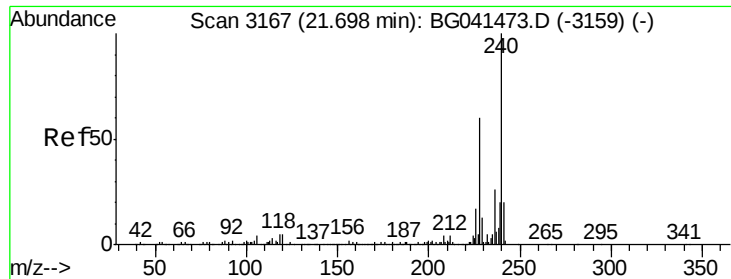


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

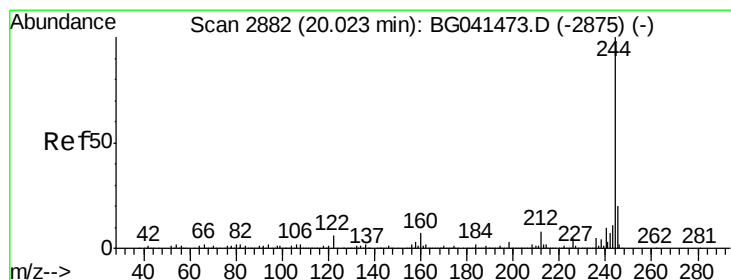
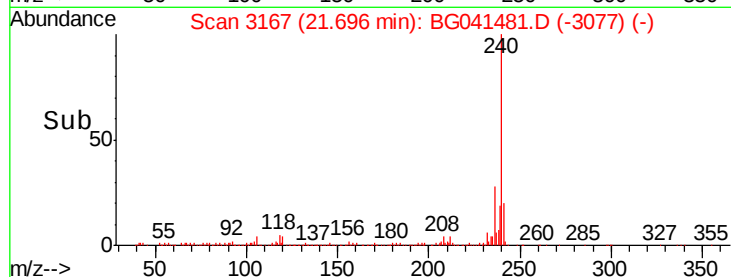
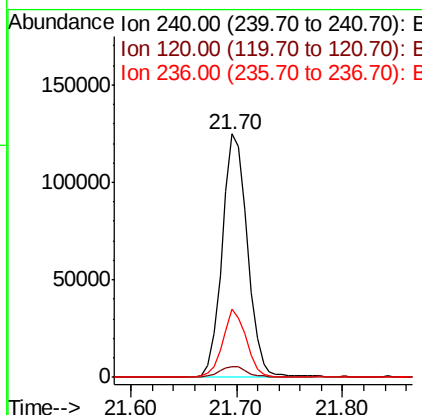
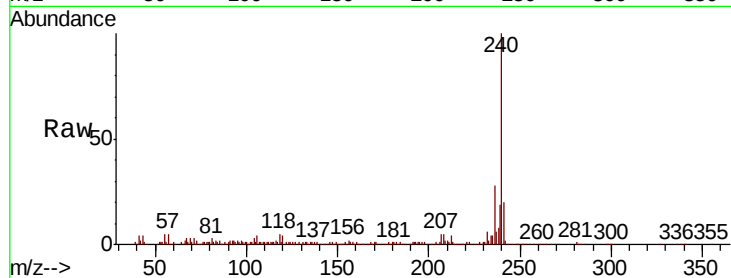




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.70 min Scan# 3167
 Delta R.T. -0.00 min
 Lab File: BG041481.D
 Acq: 27 Jun 2019 8:41

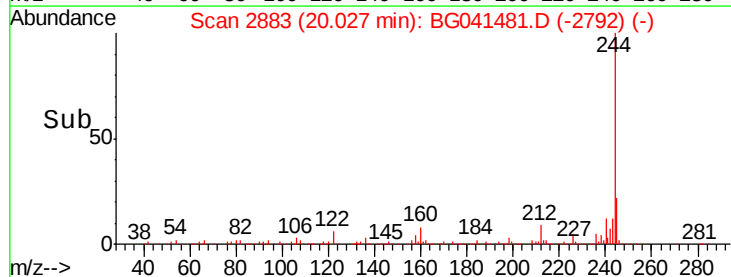
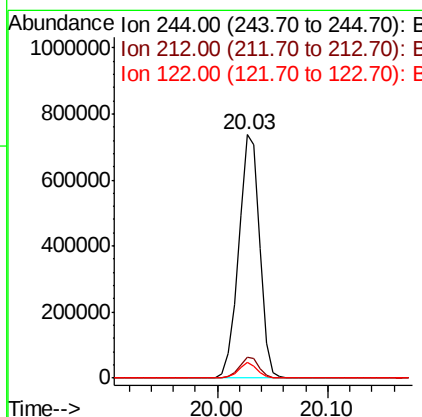
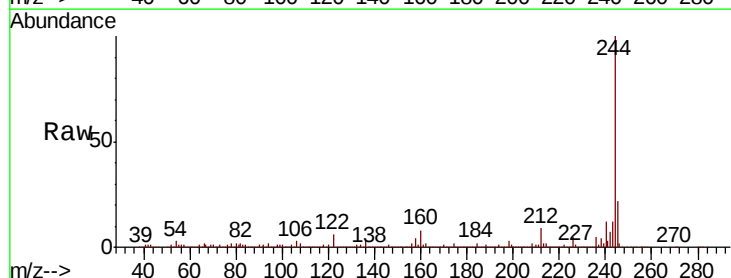
Instrument :
 BNA_G
 ClientSampleId :

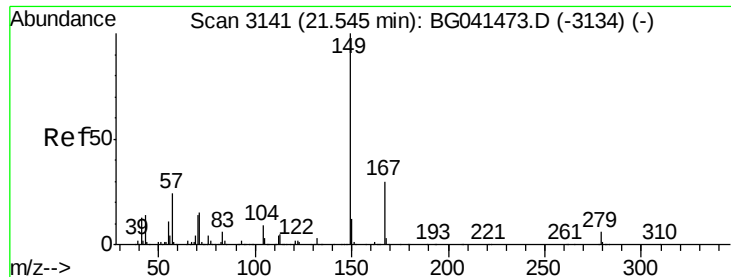
Tot Ion:240 Resp: 207257
 Ion Ratio Lower Upper
 240 100
 120 4.4 3.7 5.5
 236 28.2 20.8 31.2



#79
 Terphenyl-d14
 Concen: 100.518 ng
 RT: 20.03 min Scan# 2883
 Delta R.T. 0.00 min
 Lab File: BG041481.D
 Acq: 27 Jun 2019 8:41

Tgt Ion:244 Resp: 980338
 Ion Ratio Lower Upper
 244 100
 212 8.7 6.2 9.4
 122 6.3 4.8 7.2





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.230 ng

RT: 21.54 min Scan# 3141

Delta R.T. -0.00 min

Lab File: BG041481.D

Acq: 27 Jun 2019 8:41

Instrument :

BNA_G

ClientSampled :

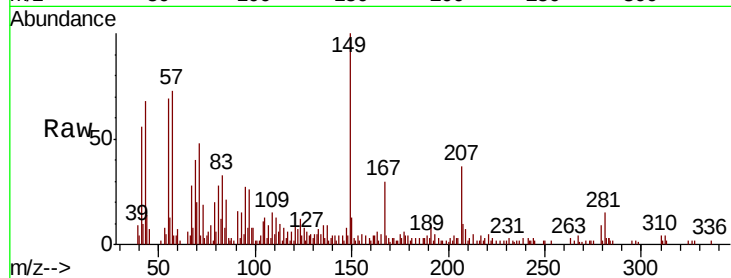
Tot Ion:149 Resp: 16706

Ion Ratio Lower Upper

149 100

167 30.3 23.6 35.4

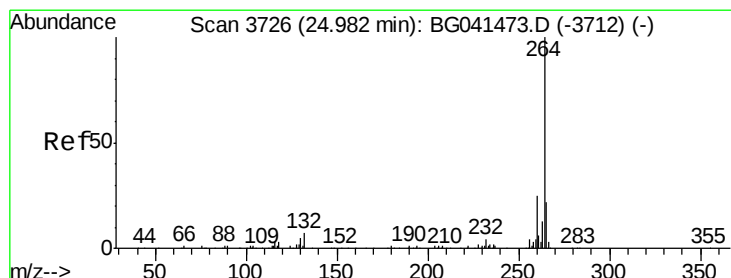
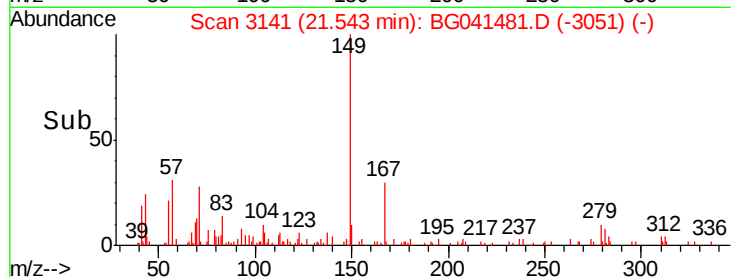
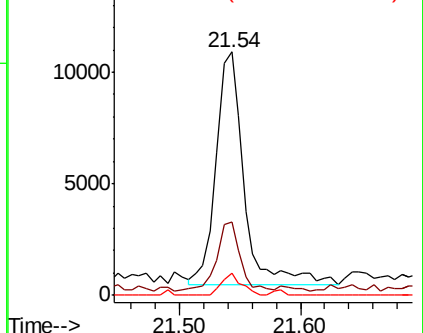
279 9.0 5.0 7.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.99 min Scan# 3727

Delta R.T. 0.00 min

Lab File: BG041481.D

Acq: 27 Jun 2019 8:41

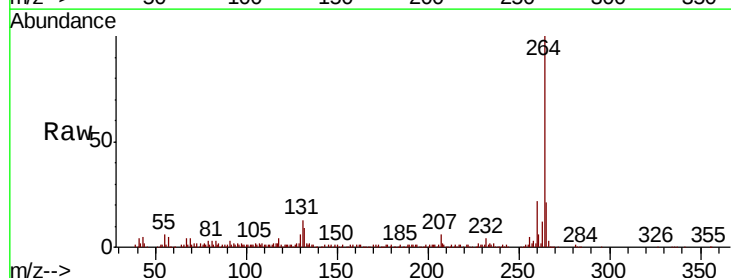
Tgt Ion:264 Resp: 222368

Ion Ratio Lower Upper

264 100

260 22.4 19.7 29.5

265 21.4 17.4 26.2



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

