

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061919\
 Data File : BG041337.D
 Acq On : 19 Jun 2019 20:46
 Operator : HP/JU
 Sample : K3410-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 20 00:57:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 14:58:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	42810	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	163009	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	107699	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	256290	20.00	ng	0.01
76) Chrysene-d12	21.75	240	256110	20.00	ng	0.01
87) Perylene-d12	25.08	264	242592	20.00	ng	0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.62	112	91288	39.18	ng	0.00
7) Phenol-d6	7.24	99	83618	24.76	ng	0.00
23) Nitrobenzene-d5	9.26	82	325265	83.92	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	131860	79.75	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	712997	89.98	ng	0.00
79) Terphenyl-d14	20.07	244	1006964	77.92	ng	0.01

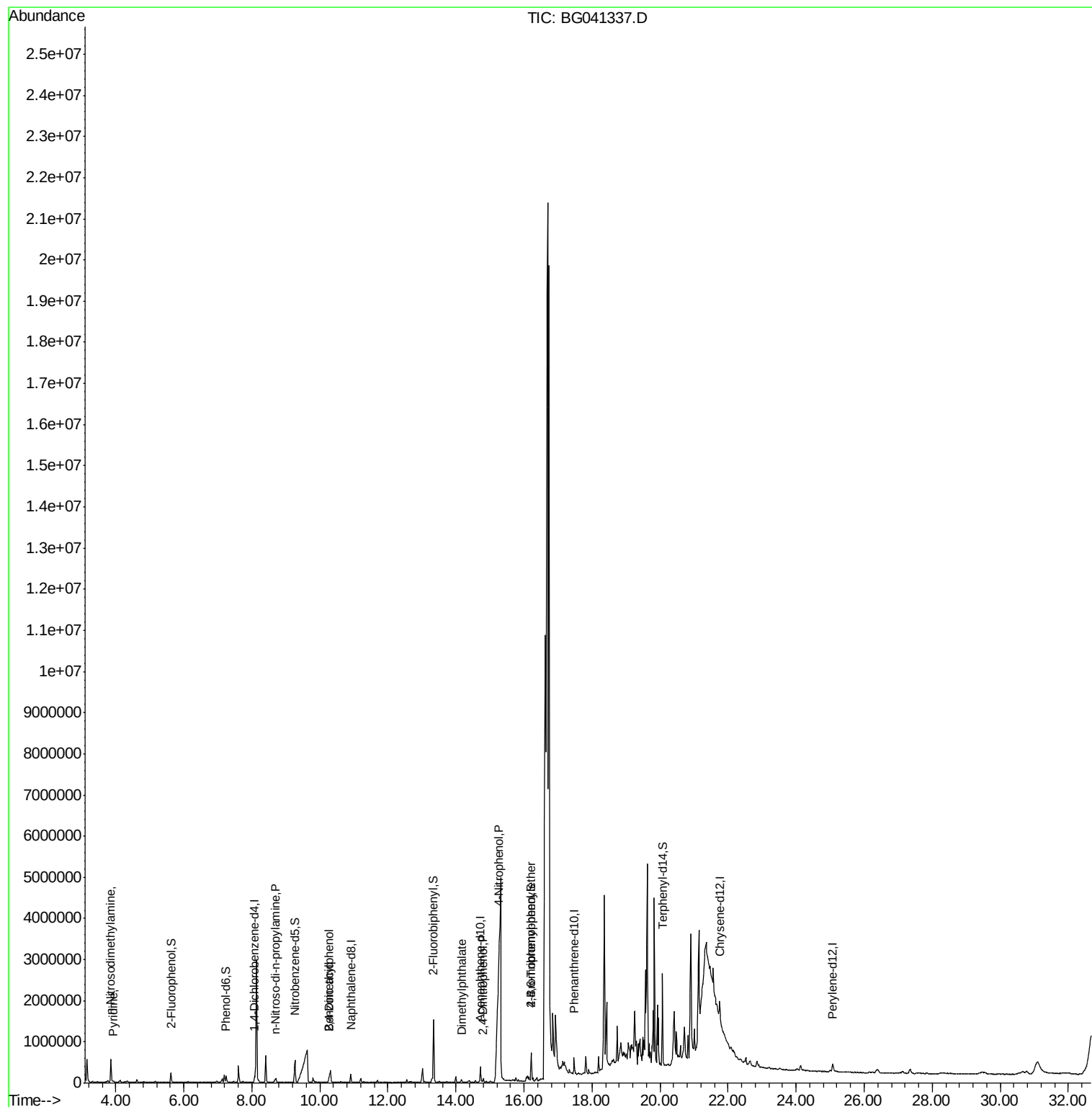
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Pyridine	3.94	79	8872	2.863	ng	# 30
4) n-Nitrosodimethylamine	3.85	42	5376	3.253	ng	# 1
19) n-Nitroso-di-n-propylamine	8.70	70	6859	2.511	ng	# 15
27) 2,4-Dimethylphenol	10.27	122	9778	4.128	ng	# 1
32) Benzoic acid	10.27	122	9778	6.341	ng	93
50) Dimethylphthalate	14.17	163	25226	2.632	ng	97
54) 2,4-Dinitrophenol	14.79	184	60	4.885	ng	# 48
56) 4-Nitrophenol	15.26	139	9288	9.110	ng	91
67) 4-Bromophenyl-phenylether	16.21	248	9187	2.772	ng	# 1

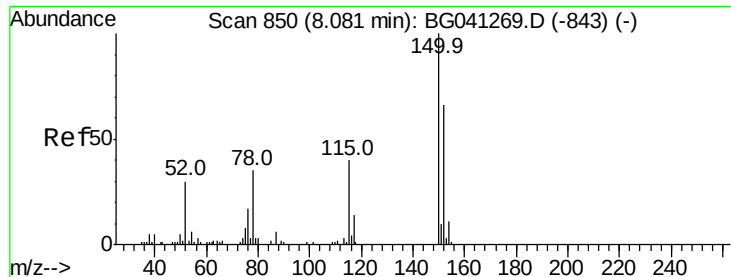
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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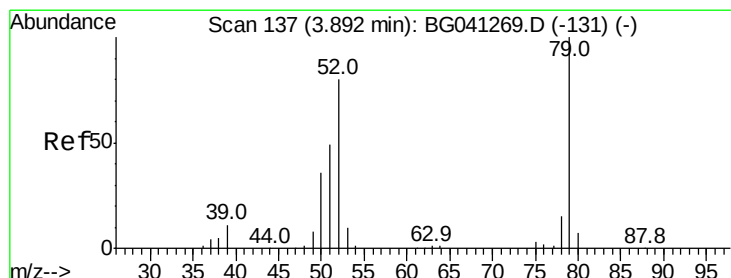
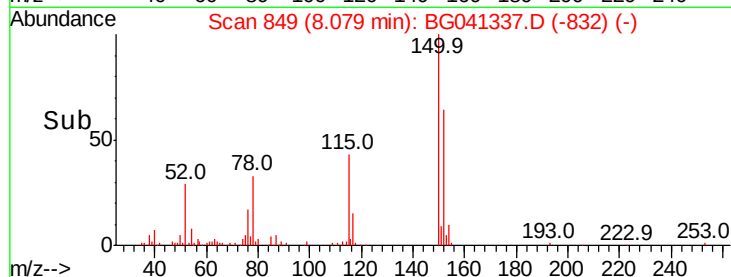
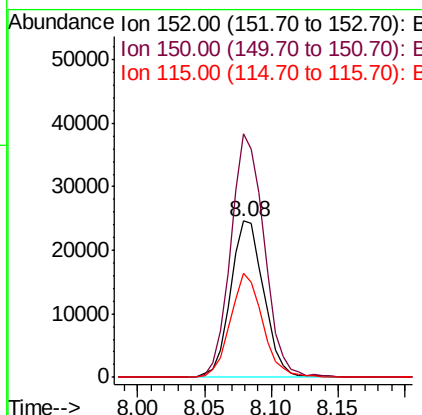
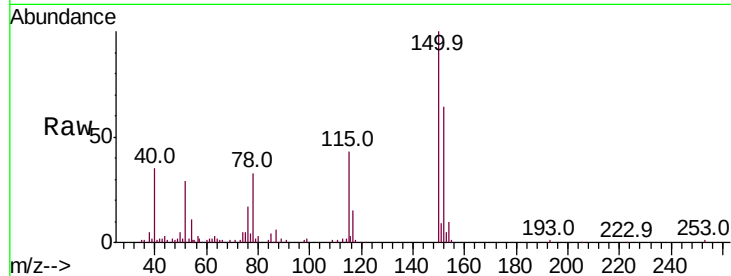


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 849
Delta R.T. -0.00 min
Lab File: BG041337.D
Acq: 19 Jun 2019 20:46

Instrument :
BNA_G
ClientSampled :

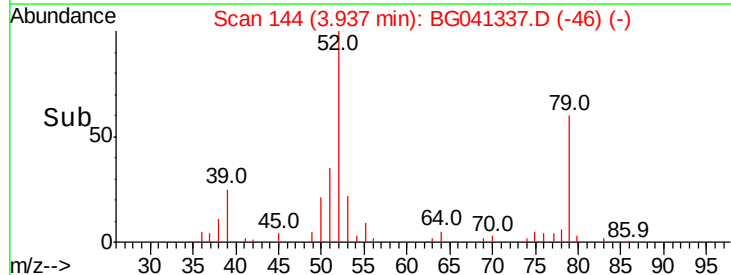
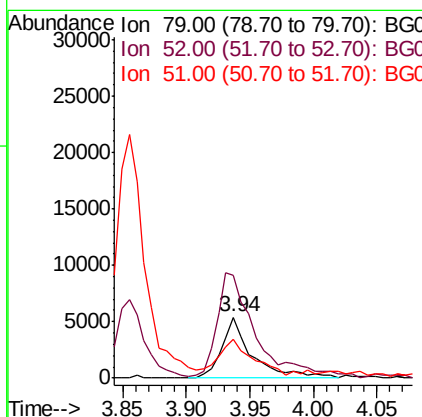
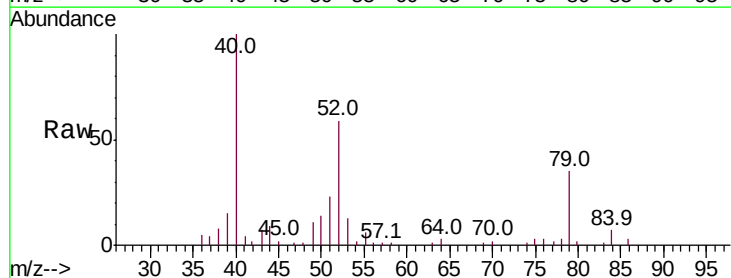
Tot Ion:152 Resp: 42810
Ion Ratio Lower Upper
152 100
150 155.7 120.6 181.0
115 66.5 47.9 71.9

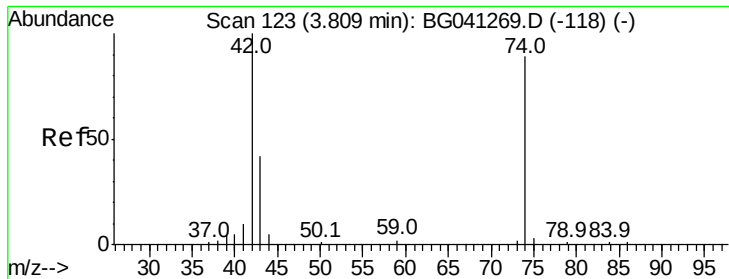


#3

Pyridine
Concen: 2.863 ng
RT: 3.94 min Scan# 144
Delta R.T. 0.05 min
Lab File: BG041337.D
Acq: 19 Jun 2019 20:46

Tgt Ion: 79 Resp: 8872
Ion Ratio Lower Upper
79 100
52 167.7 63.6 95.4#
51 64.3 39.8 59.6#



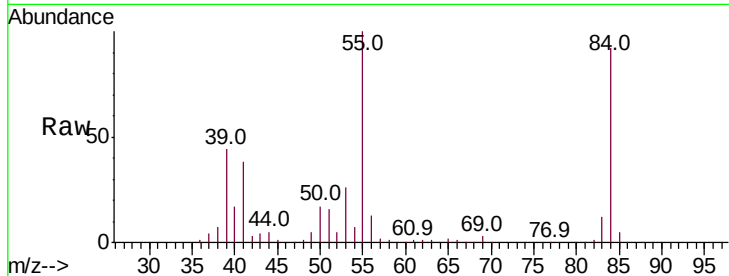


#4

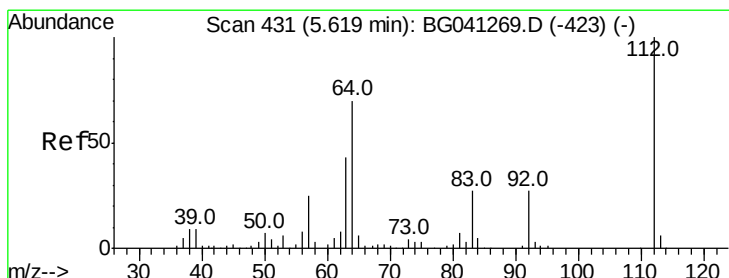
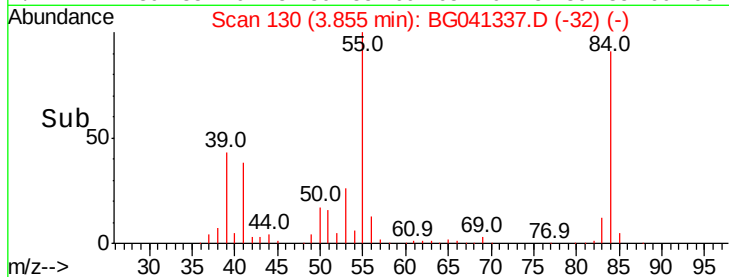
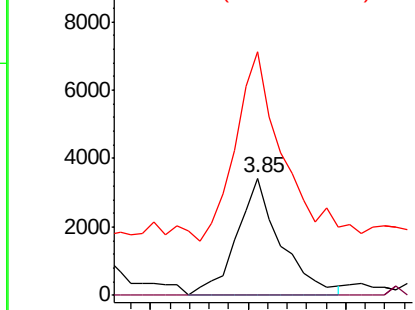
n-Nitrosodimethylamine
 Concen: 3.253 ng
 RT: 3.85 min Scan# 130
 Delta R.T. 0.05 min
 Lab File: BG041337.D
 Acq: 19 Jun 2019 20:46

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 42 Resp: 5376
 Ion Ratio Lower Upper
 42 100
 74 0.0 71.6 107.4#
 44 208.2 9.0 13.4#



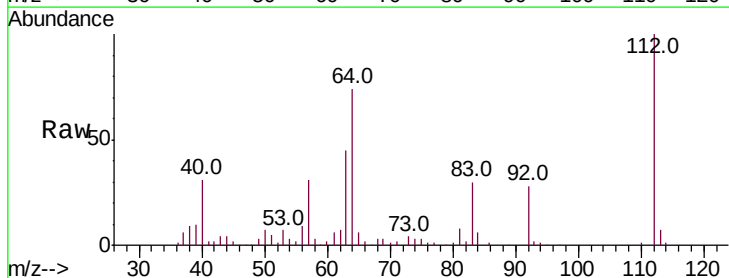
Abundance Ion 42.00 (41.70 to 42.70): BGC
 Ion 74.00 (73.70 to 74.70): BGC
 Ion 44.00 (43.70 to 44.70): BGC



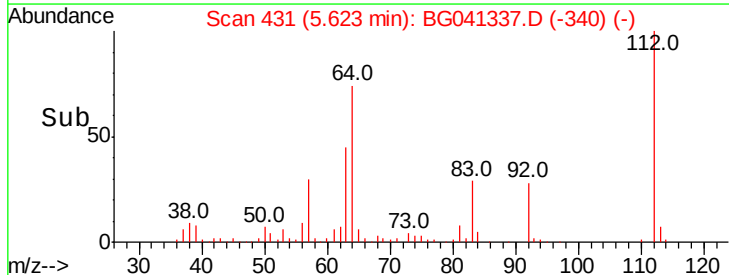
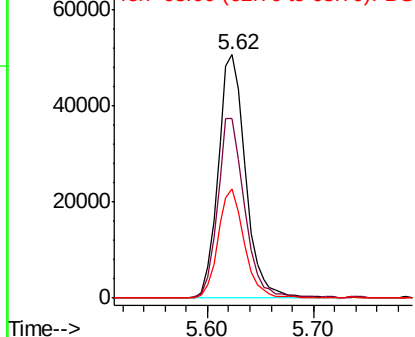
#5

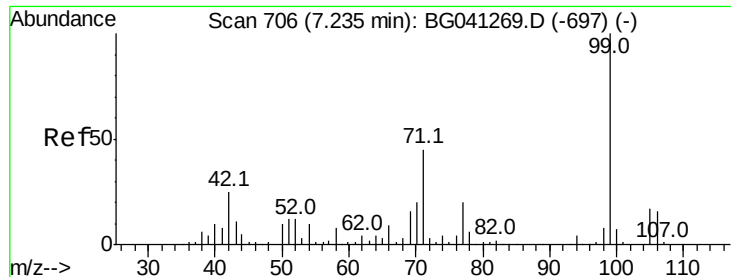
2-Fluorophenol
 Concen: 39.181 ng
 RT: 5.62 min Scan# 431
 Delta R.T. 0.00 min
 Lab File: BG041337.D
 Acq: 19 Jun 2019 20:46

Tgt Ion: 112 Resp: 91288
 Ion Ratio Lower Upper
 112 100
 64 73.6 55.9 83.9
 63 45.0 34.6 51.8



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: 24.759 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG041337.D

Acq: 19 Jun 2019 20:46

Instrument :

BNA_G

ClientSampled :

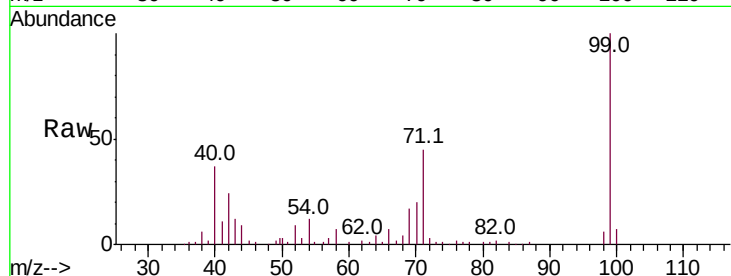
Tot Ion: 99 Resp: 83618

Ion Ratio Lower Upper

99 100

42 24.0 19.9 29.9

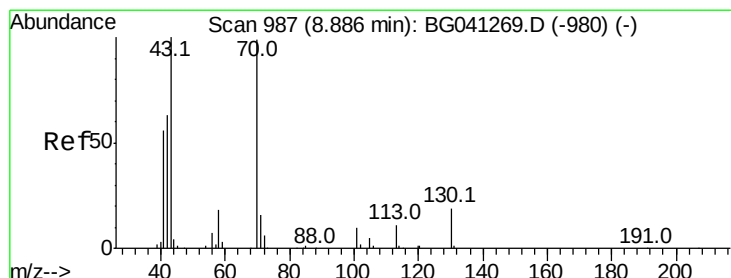
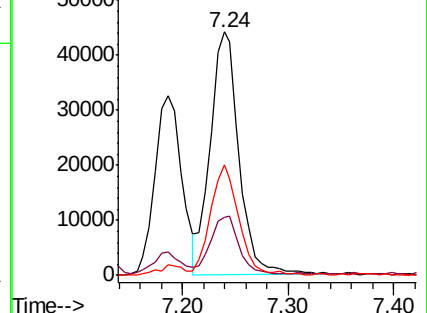
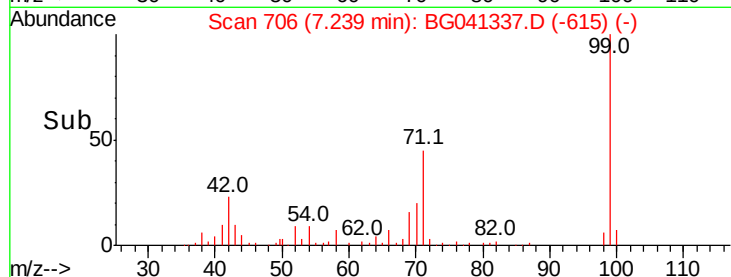
71 45.5 36.4 54.6



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: 2.511 ng

RT: 8.70 min Scan# 955

Delta R.T. -0.18 min

Lab File: BG041337.D

Acq: 19 Jun 2019 20:46

Tgt Ion: 70 Resp: 6859

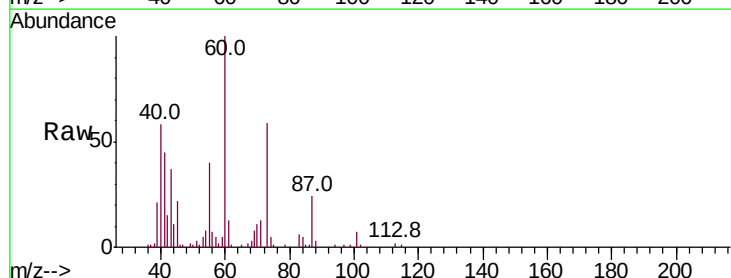
Ion Ratio Lower Upper

70 100

42 135.5 51.4 77.2#

101 58.8 8.2 12.2#

130 0.0 15.2 22.8#

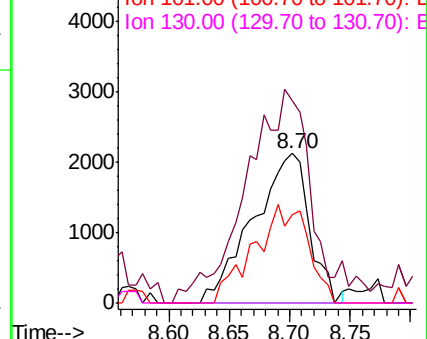
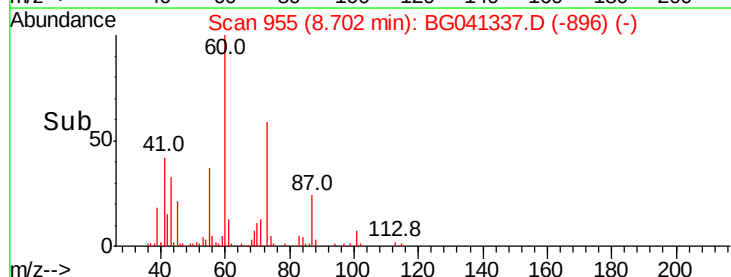


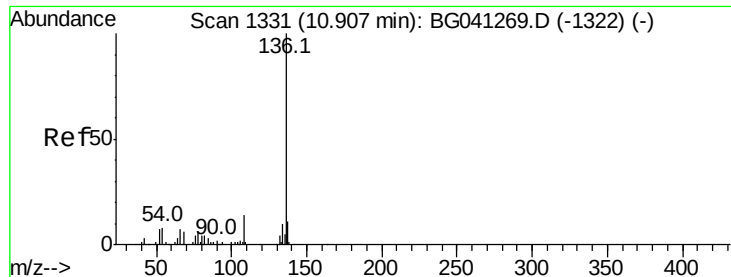
Abundance Ion 70.00 (69.70 to 70.70): BGC

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

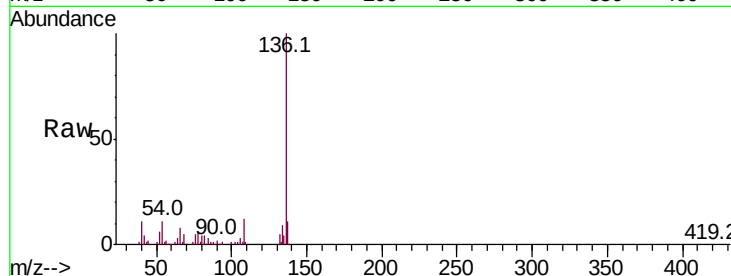




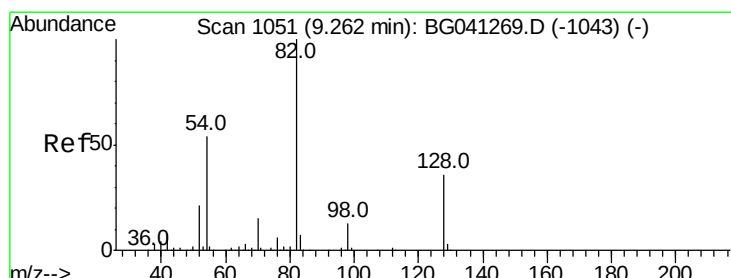
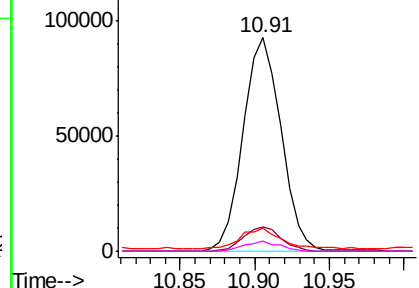
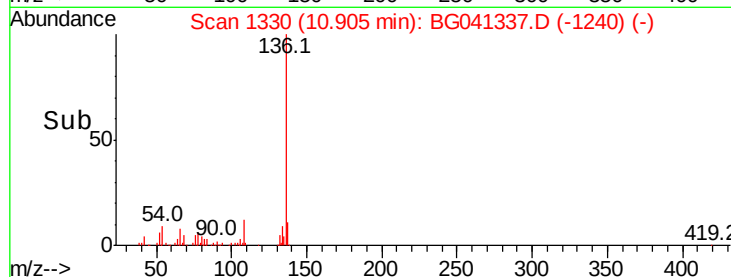
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG041337.D
Acq: 19 Jun 2019 20:46

Instrument :
BNA_G
ClientSampled :

Tot Ion:136	Resp:	163009
Ion Ratio	Lower	Upper
136 100		
137 11.2	8.8	13.2
54 10.6	6.4	9.6#
68 4.6	4.8	7.2#

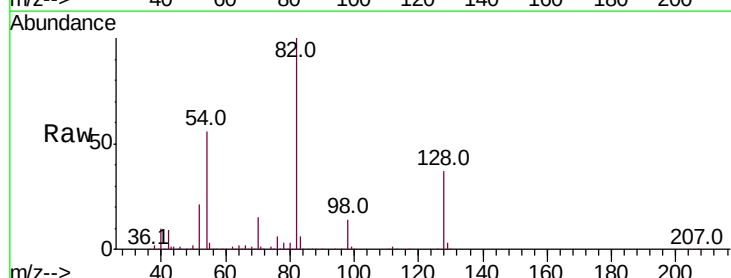


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

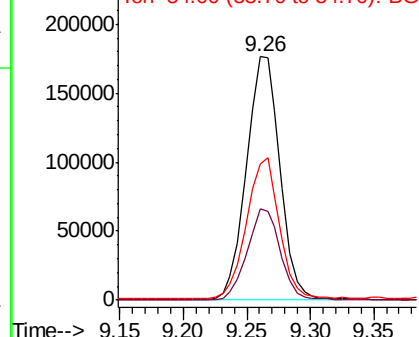
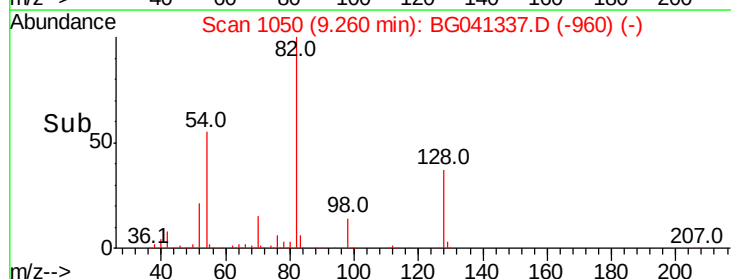


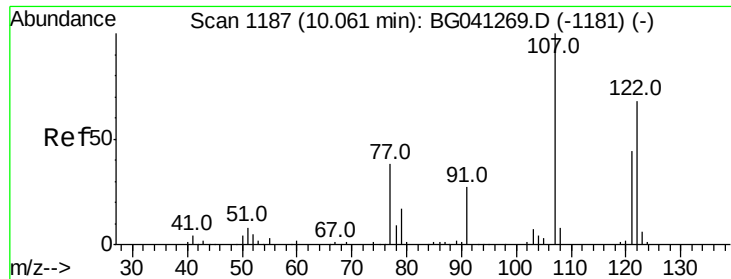
#23
Nitrobenzene-d5
Concen: 83.918 ng
RT: 9.26 min Scan# 1050
Delta R.T. -0.00 min
Lab File: BG041337.D
Acq: 19 Jun 2019 20:46

Tgt Ion: 82	Resp:	325265
Ion Ratio	Lower	Upper
82 100		
128 37.4	29.2	43.8
54 56.1	43.4	65.0



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

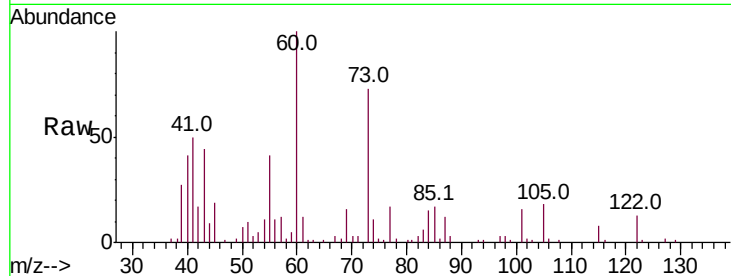




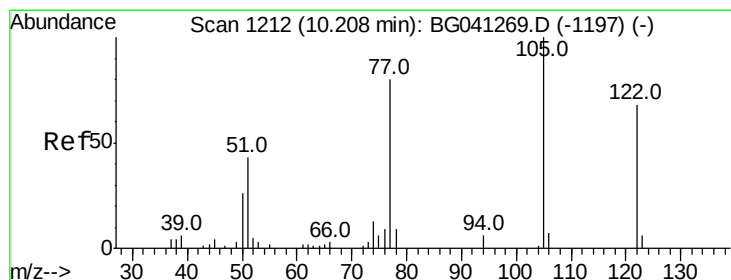
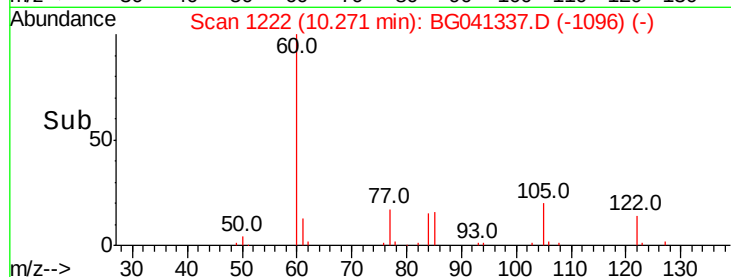
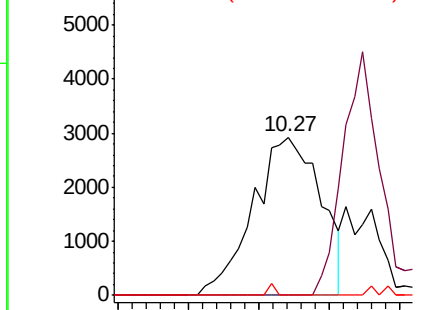
#27
2,4-Dimethylphenol
Concen: 4.128 ng
RT: 10.27 min Scan# 1222
Delta R.T. 0.21 min
Lab File: BG041337.D
Acq: 19 Jun 2019 20:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion:122 Resp: 9778
Ion Ratio Lower Upper
122 100
107 6.9 115.1 172.7#
121 0.0 50.1 75.1#

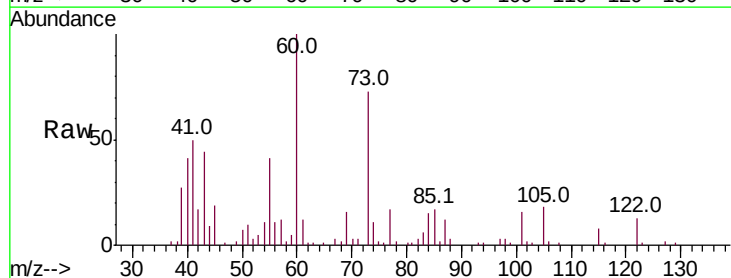


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

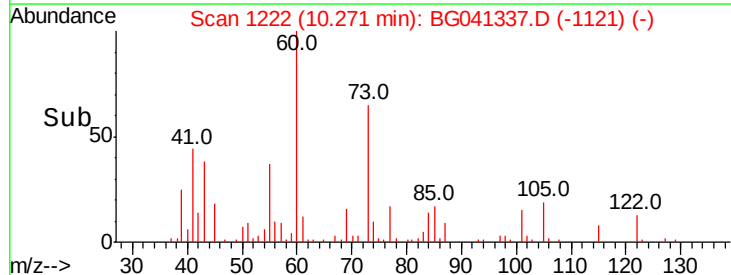
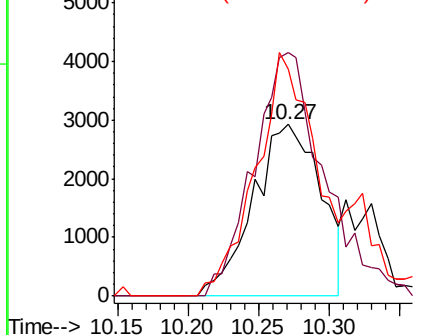


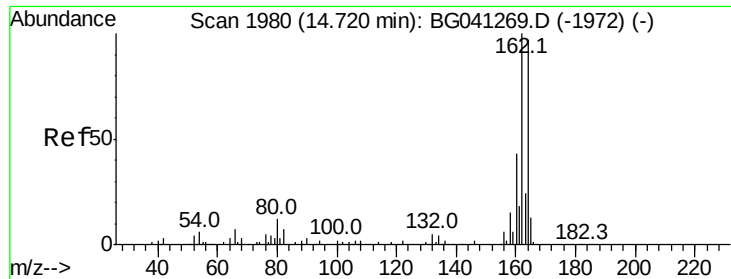
#32
Benzoic acid
Concen: 6.341 ng
RT: 10.27 min Scan# 1222
Delta R.T. 0.06 min
Lab File: BG041337.D
Acq: 19 Jun 2019 20:46

Tgt Ion:122 Resp: 9778
Ion Ratio Lower Upper
122 100
105 141.9 124.2 164.2
77 132.0 97.2 137.2



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGC

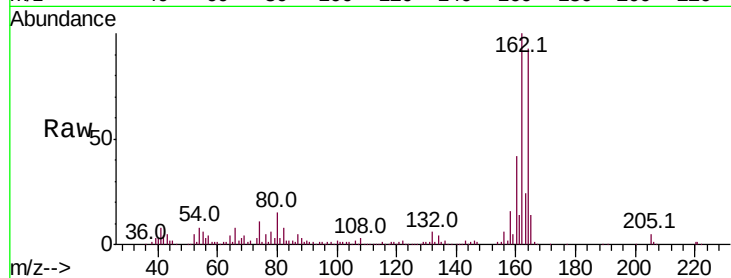




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1979
Delta R.T. -0.00 min
Lab File: BG041337.D
Acq: 19 Jun 2019 20:46

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
164	100		
162	107.1	82.8	124.2
160	44.9	35.8	53.8

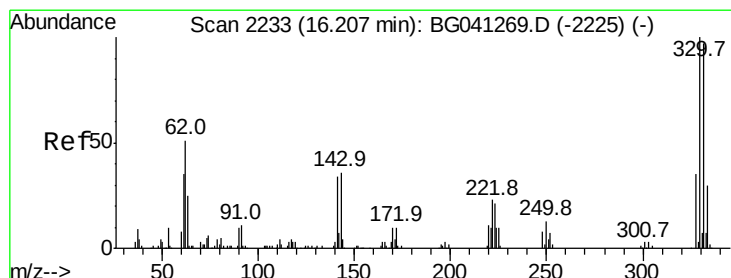
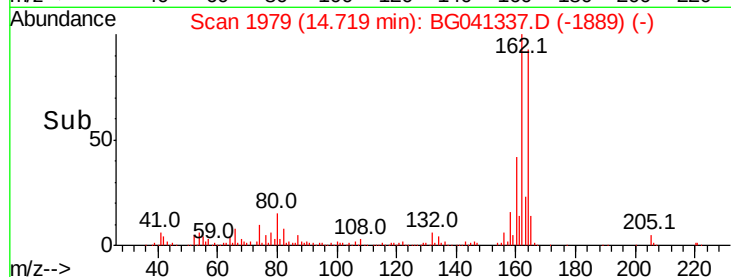
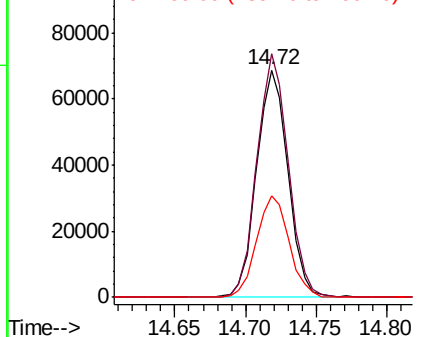


Abundance

Ion 164.00 (163.70 to 164.70): E

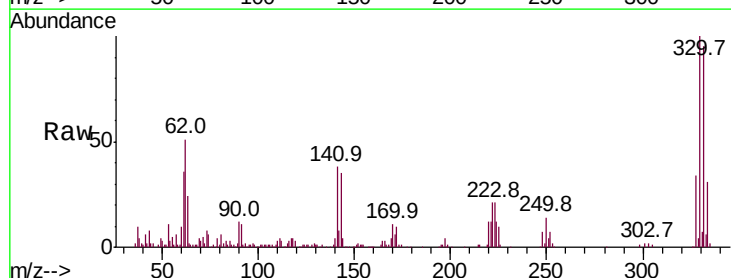
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42
2,4,6-Tribromophenol
Concen: 79.750 ng
RT: 16.21 min Scan# 2233
Delta R.T. 0.00 min
Lab File: BG041337.D
Acq: 19 Jun 2019 20:46

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.0	75.5	113.3
141	37.5	29.0	43.4

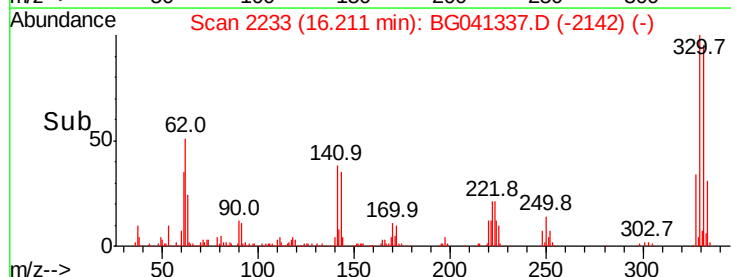
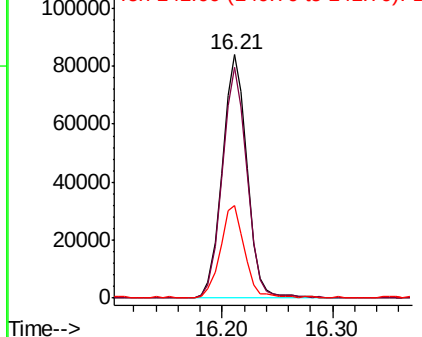


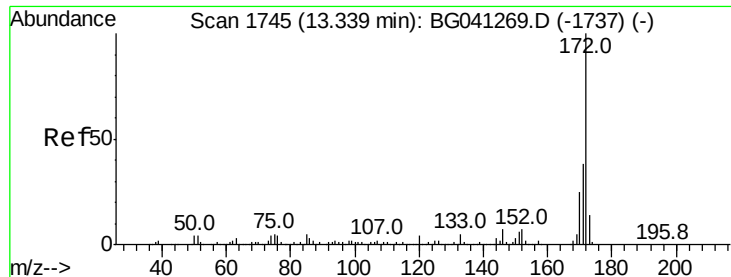
Abundance

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

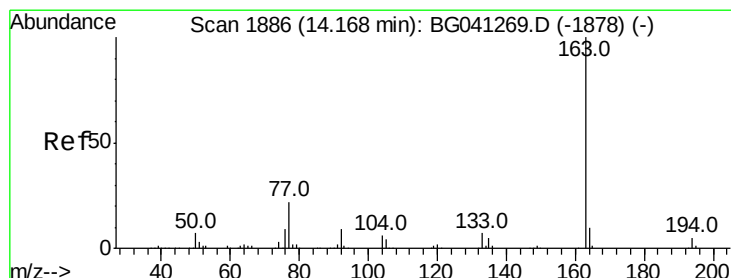
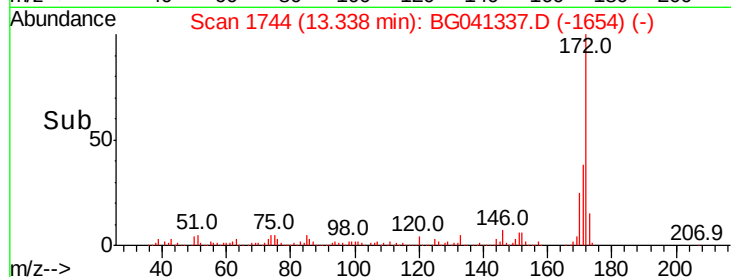
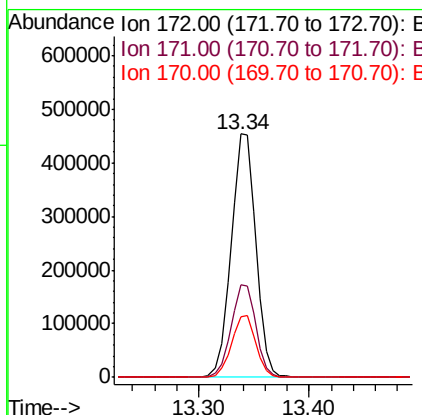
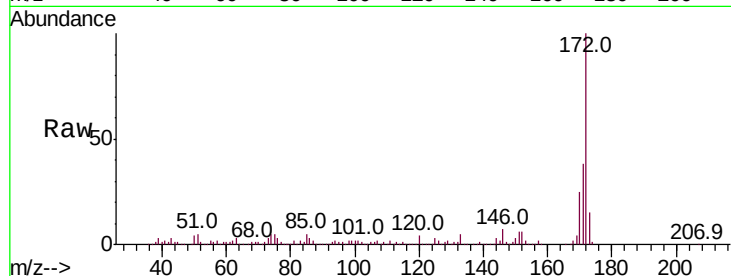




#45
2-Fluorobiphenyl
Concen: 89.980 ng
RT: 13.34 min Scan# 1744
Delta R.T. -0.00 min
Lab File: BG041337.D
Acq: 19 Jun 2019 20:46

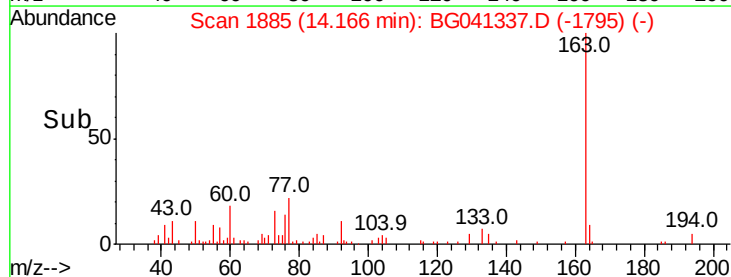
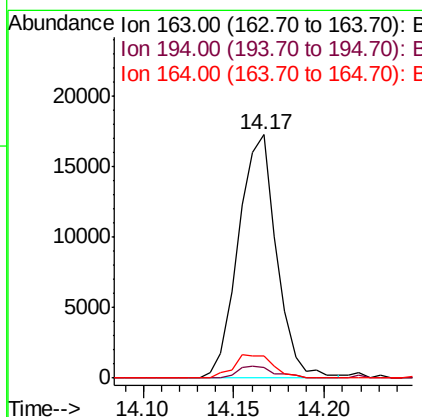
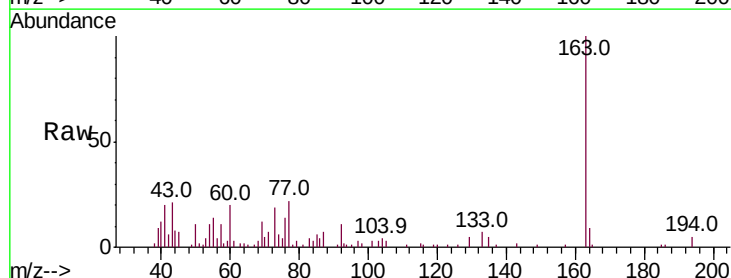
Instrument :
BNA_G
ClientSampleId :

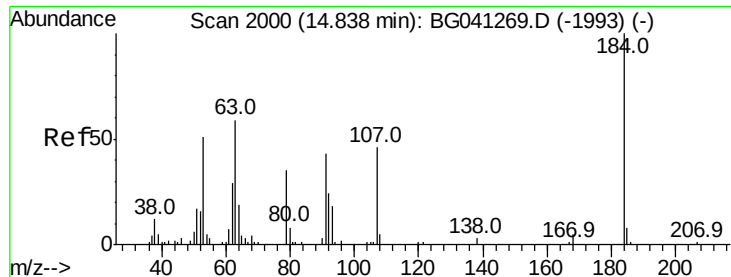
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.0	30.0	45.0
170	24.8	19.8	29.6



#50
Dimethylphthalate
Concen: 2.632 ng
RT: 14.17 min Scan# 1885
Delta R.T. -0.00 min
Lab File: BG041337.D
Acq: 19 Jun 2019 20:46

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.9	5.9
164	9.0	8.3	12.5





#54

2,4-Dinitrophenol

Concen: 4.885 ng

RT: 14.79 min Scan# 1991

Delta R.T. -0.05 min

Lab File: BG041337.D

Acq: 19 Jun 2019 20:46

Instrument :

BNA_G

ClientSampled :

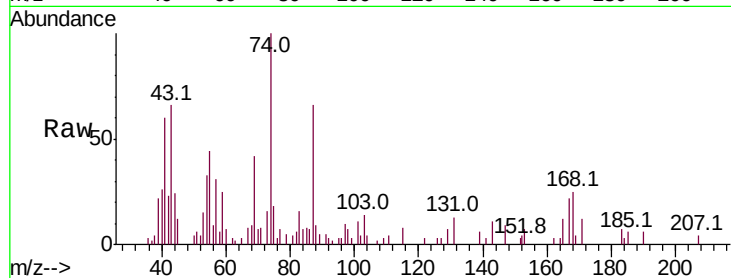
Tot Ion:184 Resp: 60

Ion Ratio Lower Upper

184 100

63 91.1 60.0 90.0#

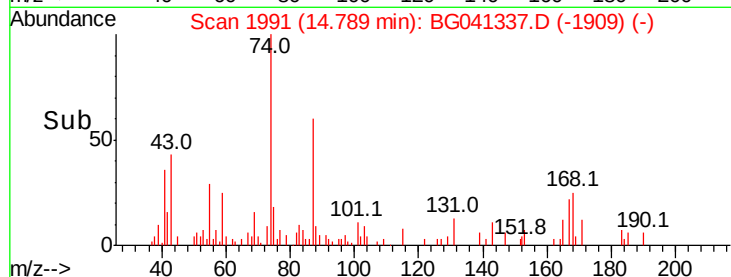
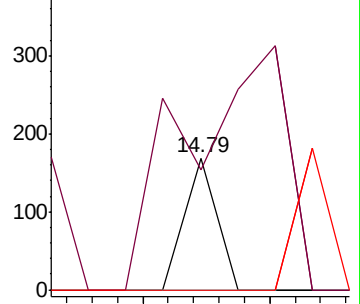
154 0.0 58.3 87.5#



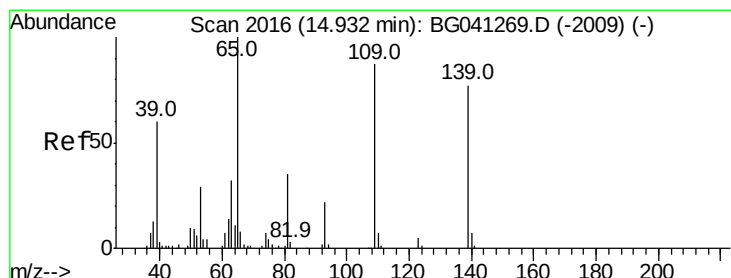
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E



Time-->



#56

4-Nitrophenol

Concen: 9.110 ng

RT: 15.26 min Scan# 2071

Delta R.T. 0.33 min

Lab File: BG041337.D

Acq: 19 Jun 2019 20:46

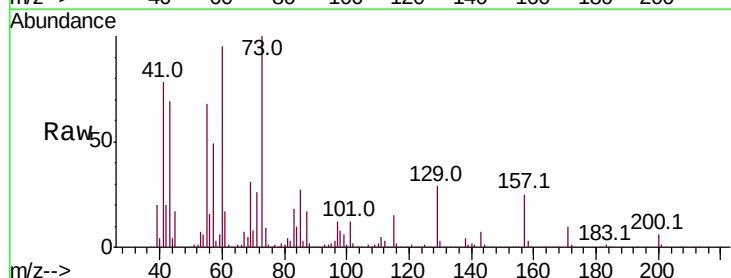
Tgt Ion:139 Resp: 9288

Ion Ratio Lower Upper

139 100

109 106.9 93.2 133.2

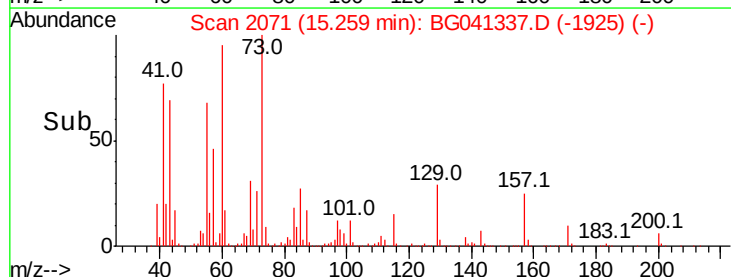
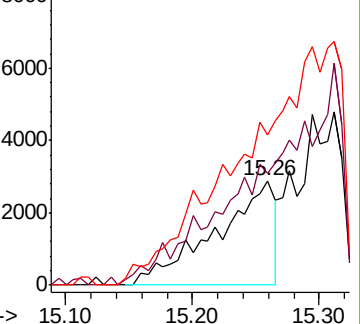
65 143.4 110.2 150.2



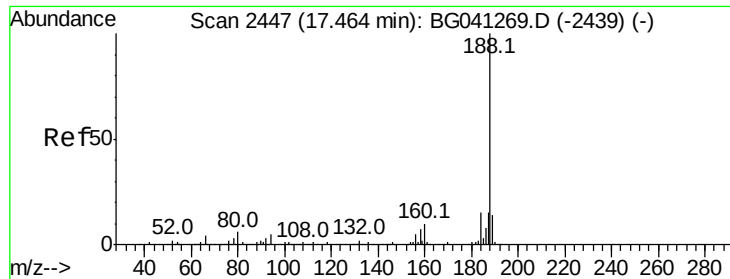
Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG



Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.47 min Scan# 2448

Delta R.T. 0.01 min

Lab File: BG041337.D

Acq: 19 Jun 2019 20:46

Instrument :

BNA_G

ClientSampleId :

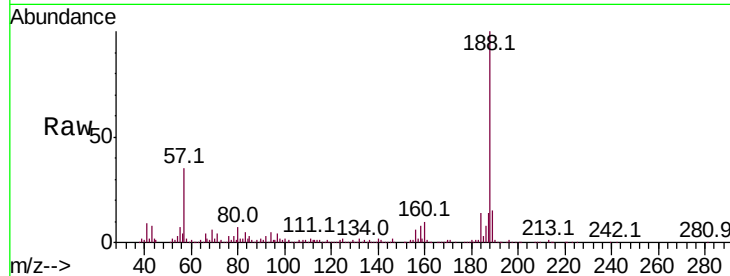
Tot Ion:188 Resp: 256290

Ion Ratio Lower Upper

188 100

94 5.4 3.6 5.4#

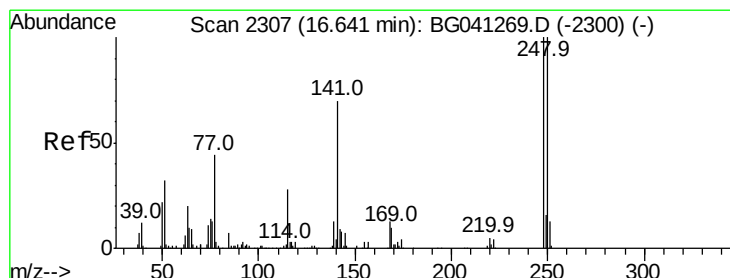
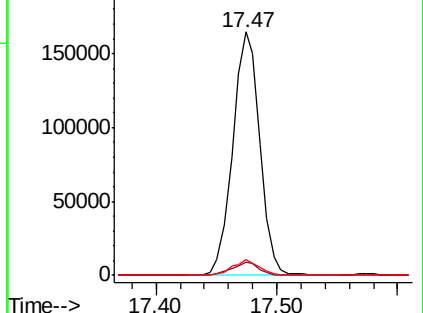
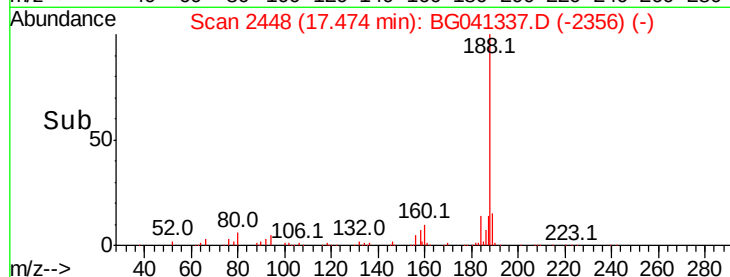
80 6.7 4.8 7.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0



#67

4-Bromophenyl-phenylether

Concen: 2.772 ng

RT: 16.21 min Scan# 2232

Delta R.T. -0.44 min

Lab File: BG041337.D

Acq: 19 Jun 2019 20:46

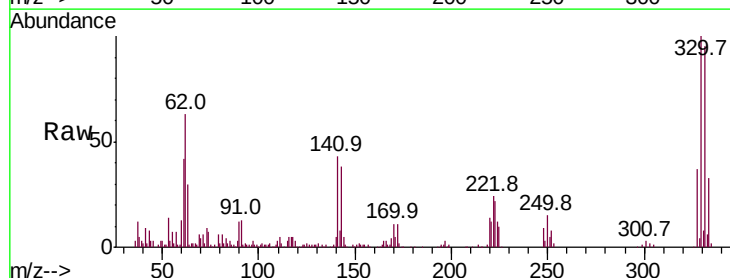
Tgt Ion:248 Resp: 9187

Ion Ratio Lower Upper

248 100

250 133.0 79.8 119.8#

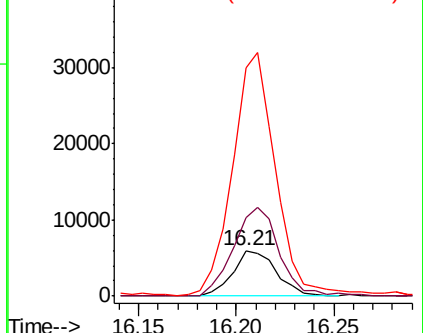
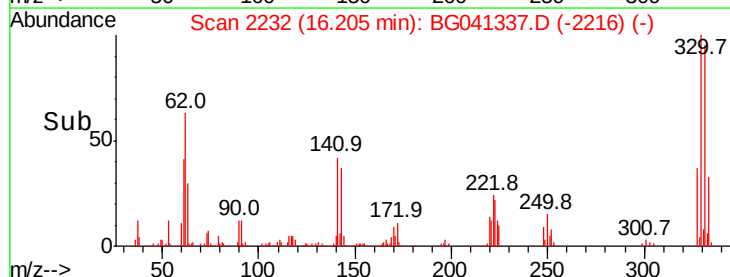
141 383.9 55.8 83.6#

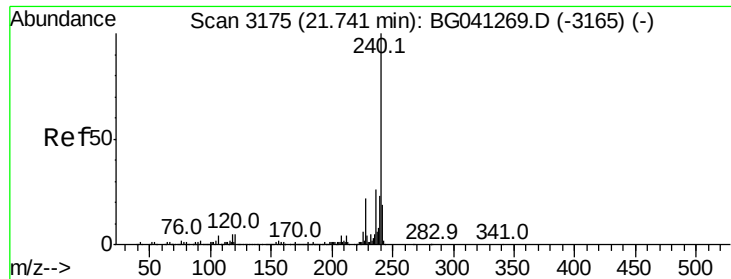


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

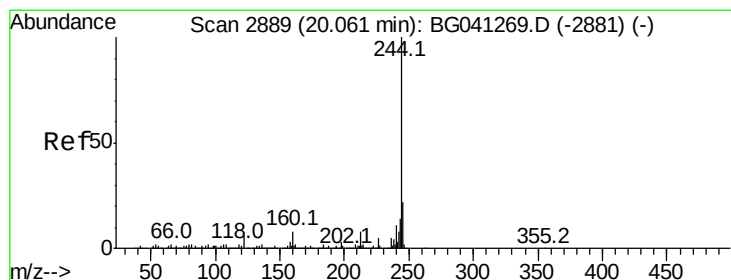
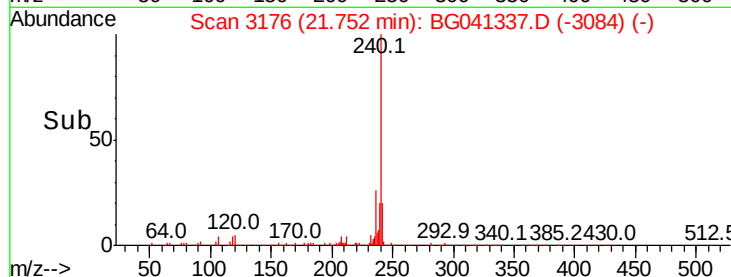
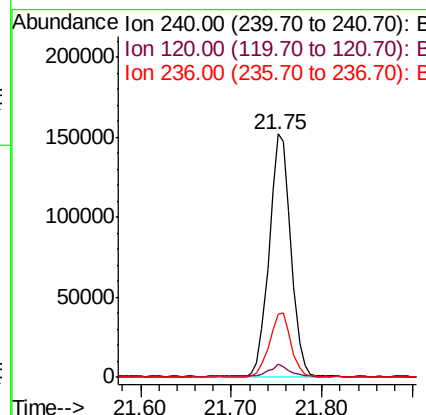
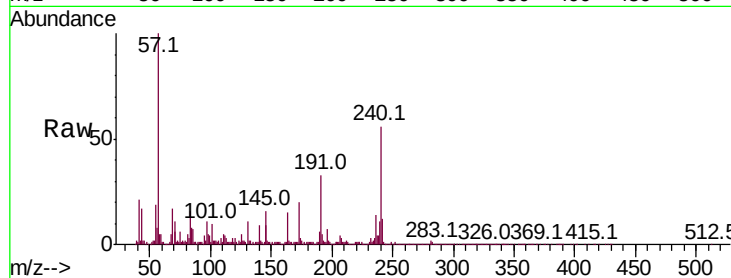




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.75 min Scan# 3176
 Delta R.T. 0.01 min
 Lab File: BG041337.D
 Acq: 19 Jun 2019 20:46

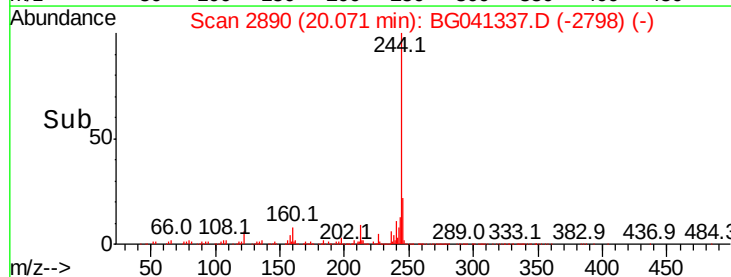
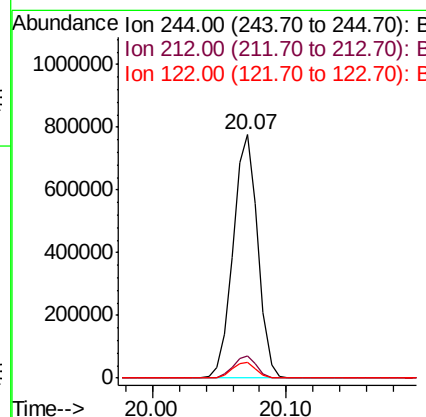
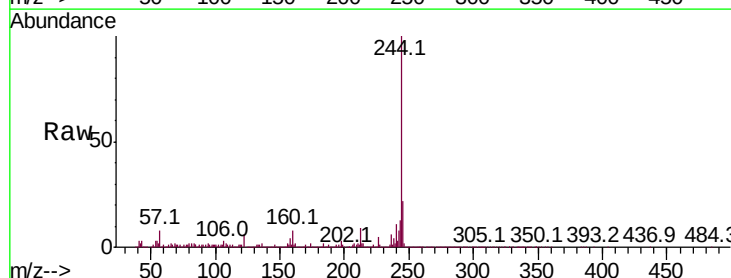
Instrument :
 BNA_G
 ClientSampleId :

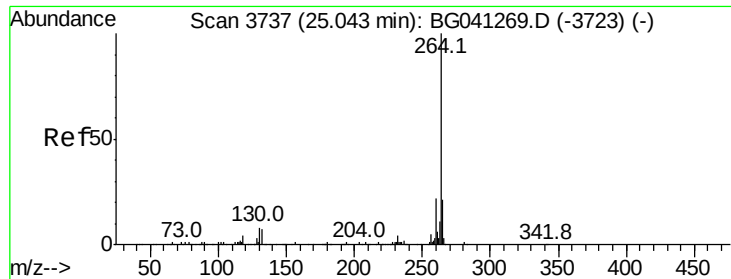
Tot Ion:240 Resp: 256110
 Ion Ratio Lower Upper
 240 100
 120 5.5 3.7 5.5
 236 25.9 21.1 31.7



#79
 Terphenyl-d14
 Concen: 77.919 ng
 RT: 20.07 min Scan# 2890
 Delta R.T. 0.01 min
 Lab File: BG041337.D
 Acq: 19 Jun 2019 20:46

Tgt Ion:244 Resp: 1006964
 Ion Ratio Lower Upper
 244 100
 212 8.9 6.6 10.0
 122 6.4 5.0 7.4





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.08 min Scan# 3742
Delta R.T. 0.03 min
Lab File: BG041337.D
Acq: 19 Jun 2019 20:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	17.4	26.2
265	20.3	17.2	25.8

