

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061819\
 Data File : BG041303.D
 Acq On : 18 Jun 2019 18:44
 Operator : HP/JU
 Sample : K3370-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 19 05:39:35 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

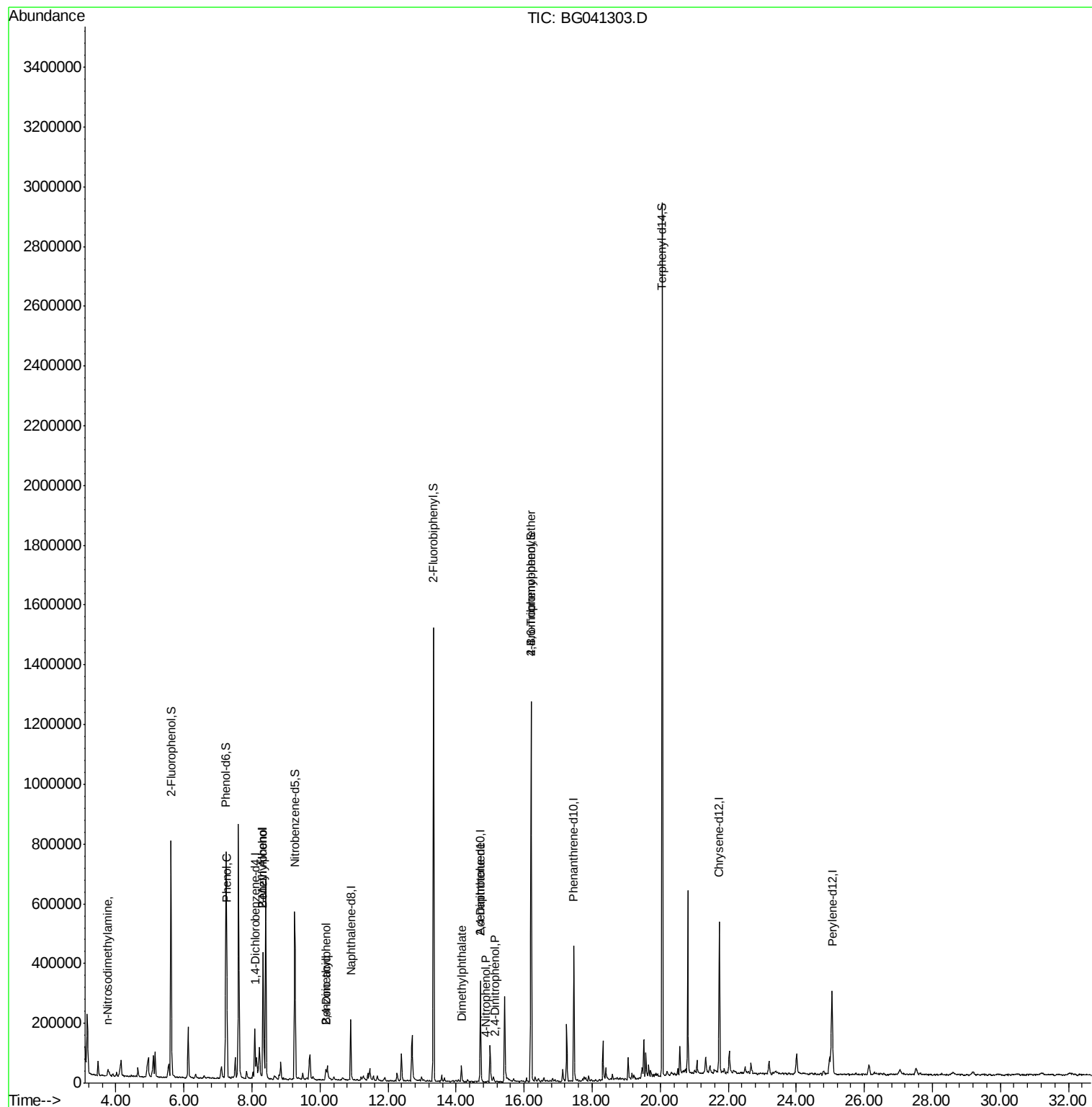
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	42899	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	161712	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	114875	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	282123	20.00	ng	0.00
76) Chrysene-d12	21.74	240	303588	20.00	ng	0.00
87) Perylene-d12	25.05	264	315429	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	295651	126.63	ng	0.00
7) Phenol-d6	7.24	99	385432	113.89	ng	0.00
23) Nitrobenzene-d5	9.26	82	342497	89.07	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	233323	132.30	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	751594	88.93	ng	0.00
79) Terphenyl-d14	20.06	244	1327221	86.64	ng	0.00
Target Compounds						
4) n-Nitrosodimethylamine	3.76	42	4149	2.505	ng	Qvalue
10) Phenol	7.26	94	152343	41.861	ng	# 1
15) Benzyl Alcohol	8.32	79	156259	48.191	ng	99
17) 2-Methylphenol	8.32	107	73841	28.381	ng	# 7
27) 2,4-Dimethylphenol	10.17	122	14591	6.209	ng	# 1
32) Benzoic acid	10.17	122	14591	9.538	ng	# 83
50) Dimethylphthalate	14.16	163	33890	3.316	ng	99
54) 2,4-Dinitrophenol	15.14	184	54	4.879	ng	# 13
56) 4-Nitrophenol	14.87	139	58	3.250	ng	# 1
57) 2,4-Dinitrotoluene	14.71	165	15309	4.859	ng	# 18
67) 4-Bromophenyl-phenylether	16.20	248	17204	4.716	ng	# 1

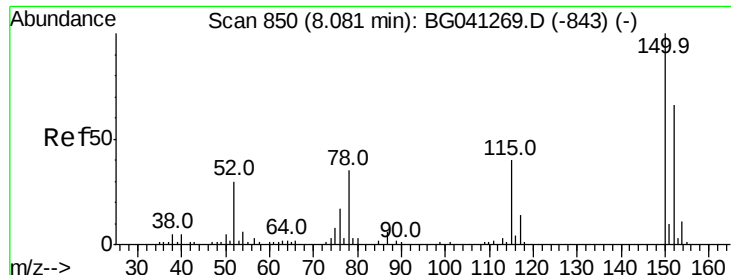
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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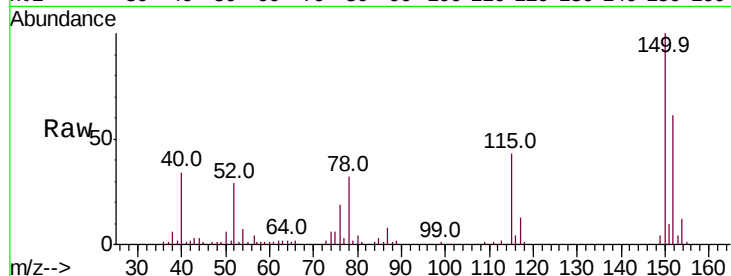


#1

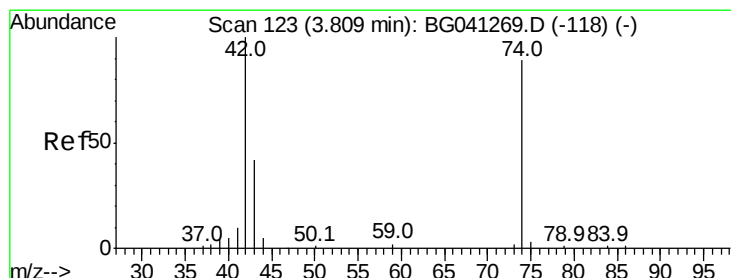
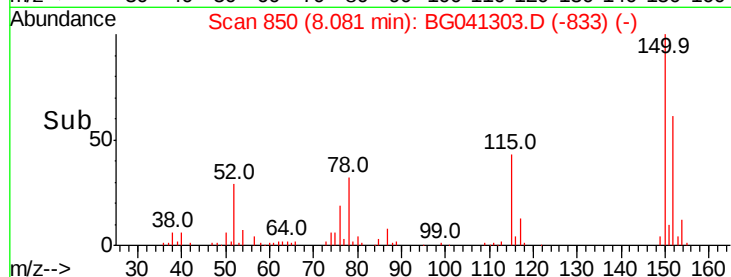
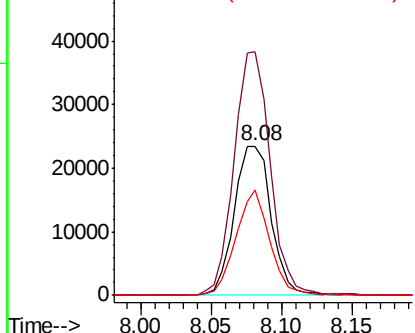
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 850
Delta R.T. 0.00 min
Lab File: BG041303.D
Acq: 18 Jun 2019 18:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 42899
Ion Ratio Lower Upper
152 100
150 163.5 120.6 181.0
115 70.6 47.9 71.9



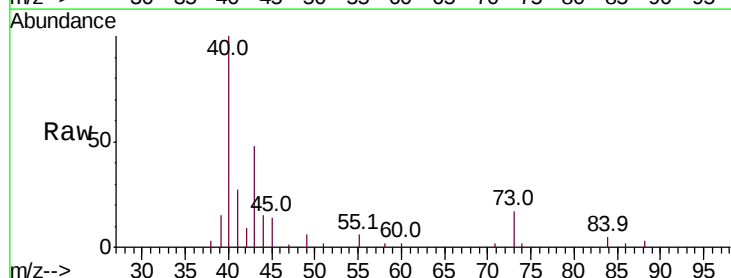
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



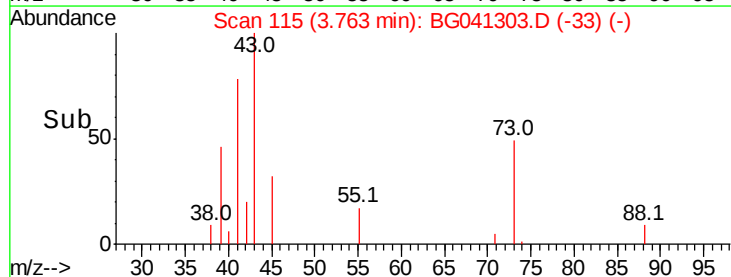
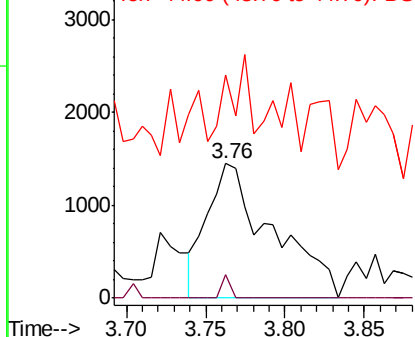
#4

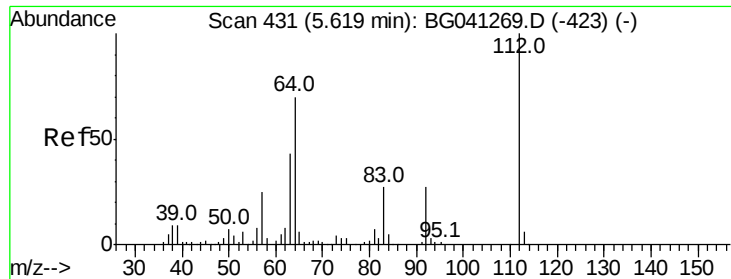
n-Nitrosodimethylamine
Concen: 2.505 ng
RT: 3.76 min Scan# 115
Delta R.T. -0.05 min
Lab File: BG041303.D
Acq: 18 Jun 2019 18:44

Tgt Ion: 42 Resp: 4149
Ion Ratio Lower Upper
42 100
74 17.3 71.6 107.4#
44 166.0 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: 126.631 ng

RT: 5.62 min Scan# 431

Delta R.T. 0.00 min

Lab File: BG041303.D

Acq: 18 Jun 2019 18:44

Instrument :

BNA_G

ClientSampled :

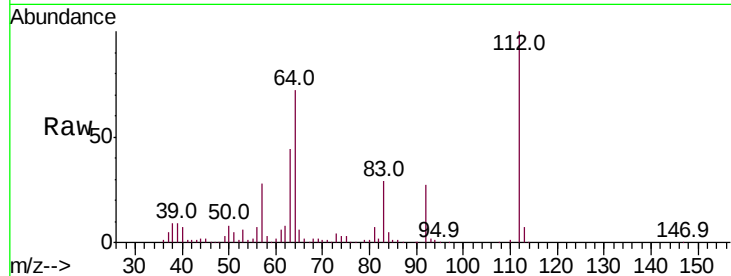
Tot Ion:112 Resp: 295651

Ion Ratio Lower Upper

112 100

64 72.1 55.9 83.9

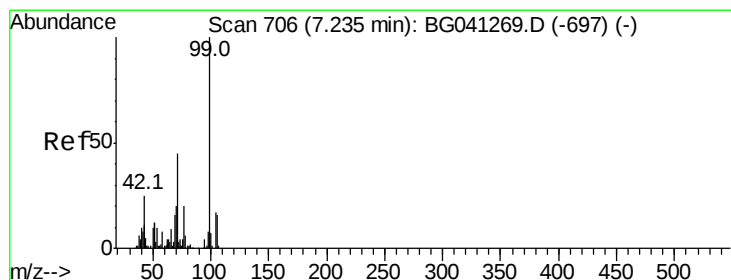
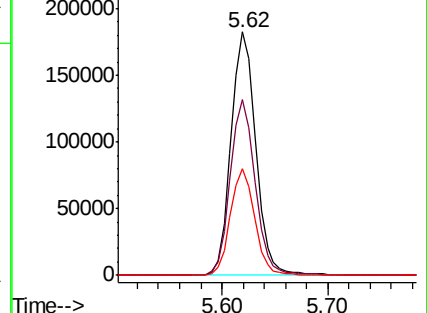
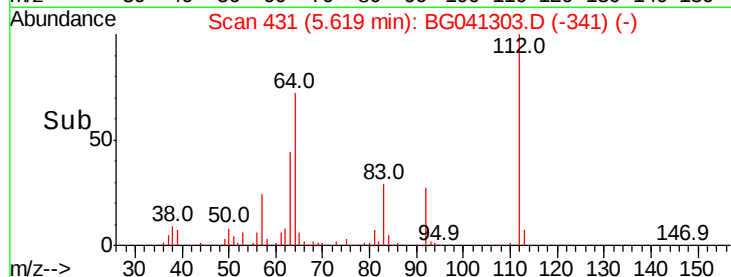
63 43.7 34.6 51.8



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: 113.890 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG041303.D

Acq: 18 Jun 2019 18:44

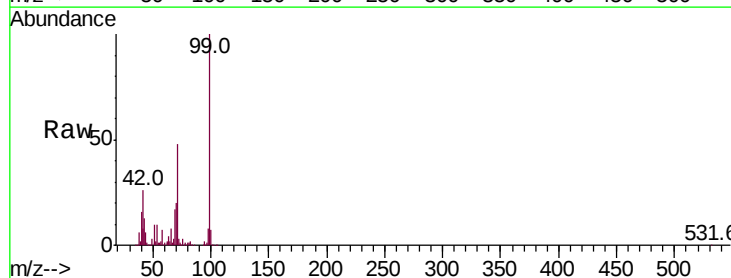
Tgt Ion: 99 Resp: 385432

Ion Ratio Lower Upper

99 100

42 25.9 19.9 29.9

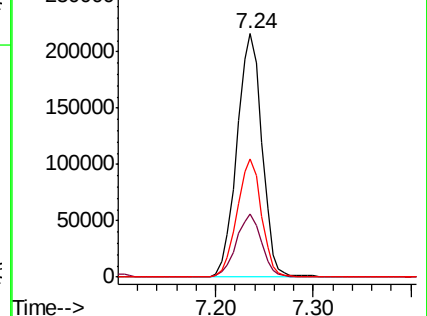
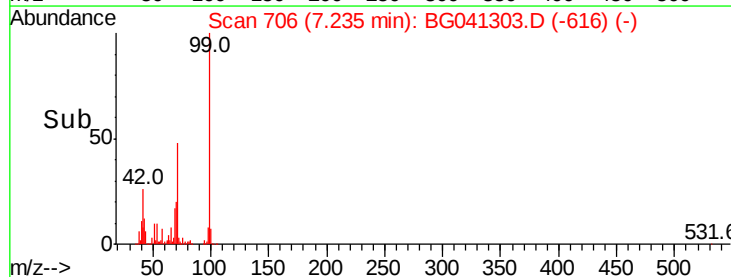
71 48.4 36.4 54.6

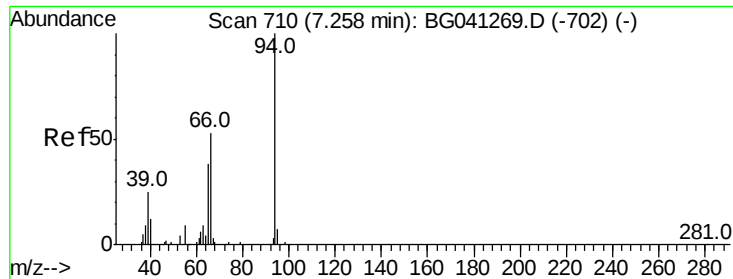


Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC





#10

Phenol

Concen: 41.861 ng

RT: 7.26 min Scan# 710

Delta R.T. 0.00 min

Lab File: BG041303.D

Acq: 18 Jun 2019 18:44

Instrument :

BNA_G

ClientSampleId :

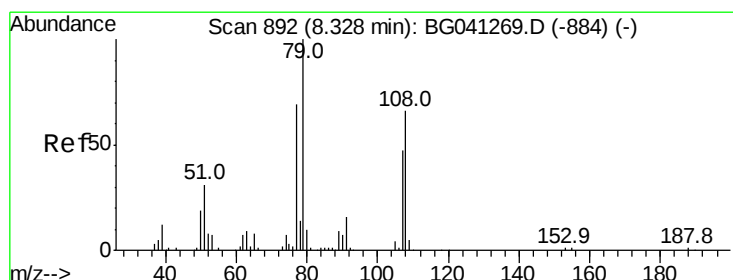
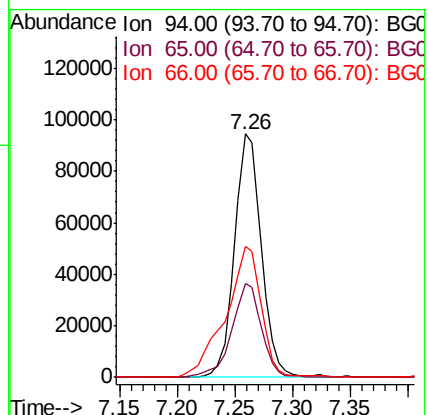
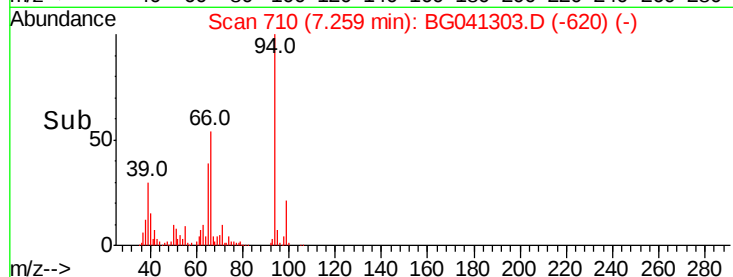
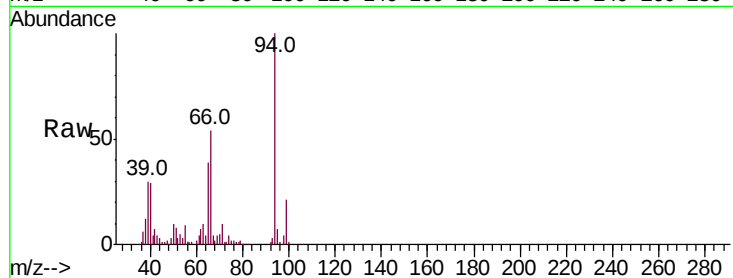
Tot Ion: 94 Resp: 152343

Ion Ratio Lower Upper

94 100

65 38.6 18.7 58.7

66 53.9 35.5 75.5



#15

Benzyl Alcohol

Concen: 48.191 ng

RT: 8.32 min Scan# 891

Delta R.T. -0.01 min

Lab File: BG041303.D

Acq: 18 Jun 2019 18:44

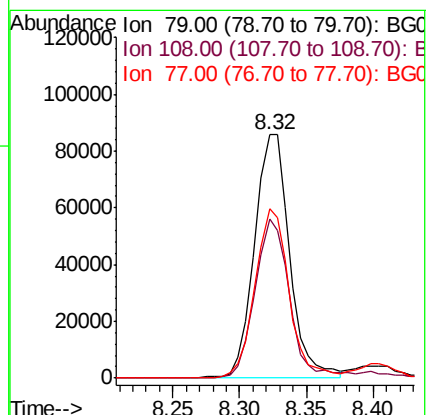
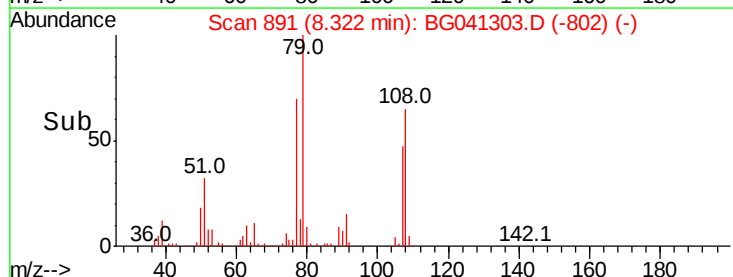
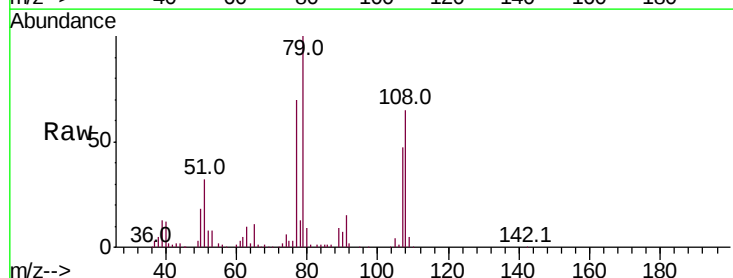
Tgt Ion: 79 Resp: 156259

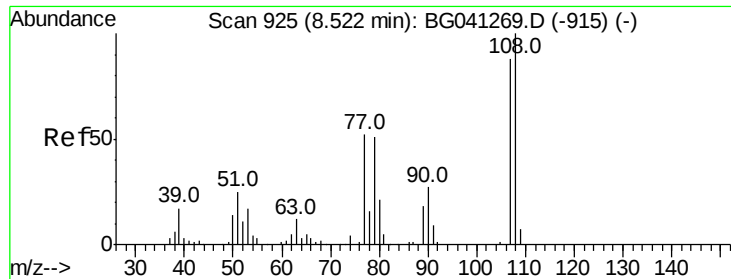
Ion Ratio Lower Upper

79 100

108 65.3 52.7 79.1

77 69.8 55.2 82.8

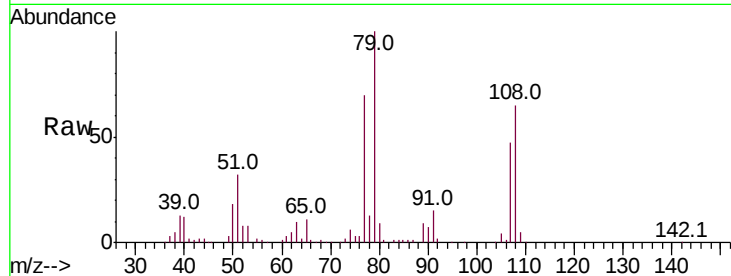




#17
2-Methylphenol
Concen: 28.381 ng
RT: 8.32 min Scan# 891
Delta R.T. -0.20 min
Lab File: BG041303.D
Acq: 18 Jun 2019 18:44

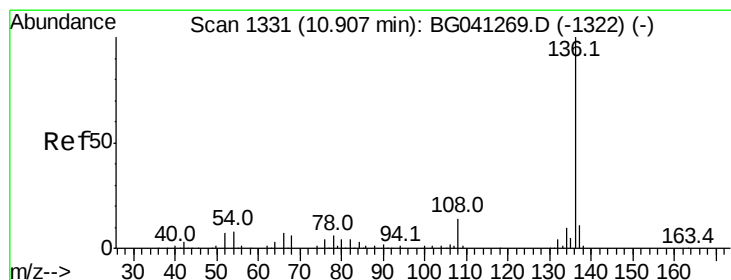
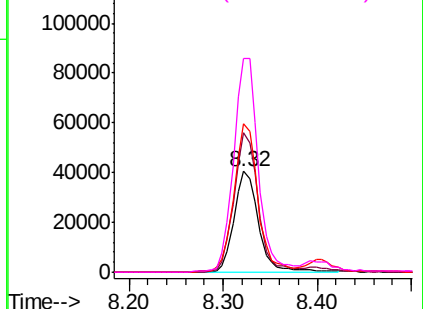
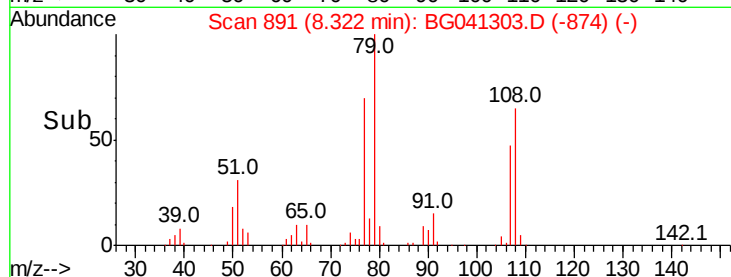
Instrument :
BNA_G
ClientSampled :

Tot Ion:107 Resp: 73841
Ion Ratio Lower Upper
107 100
108 138.7 91.7 137.5#
77 148.2 47.8 71.8#
79 212.4 46.8 70.2#



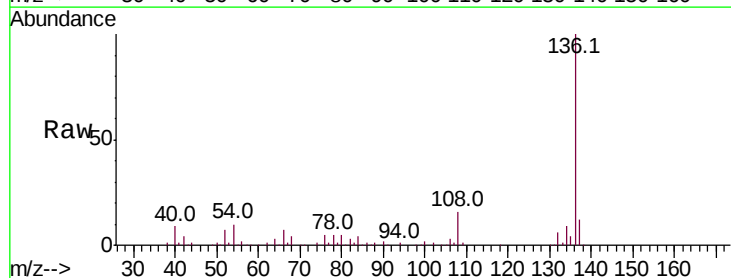
Abundance

Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC



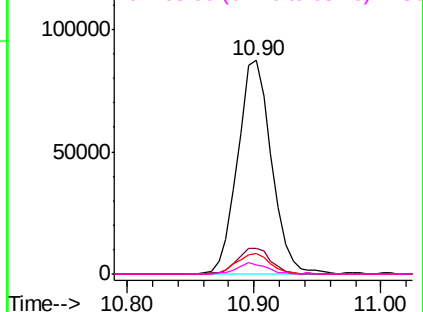
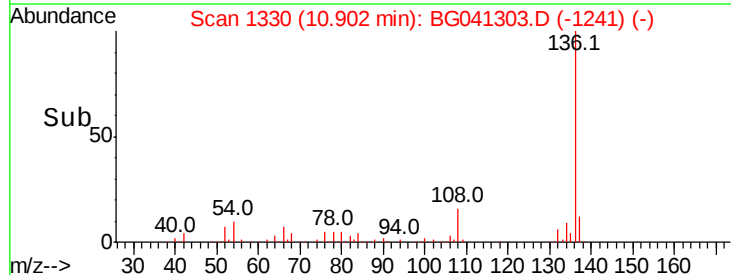
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BG041303.D
Acq: 18 Jun 2019 18:44

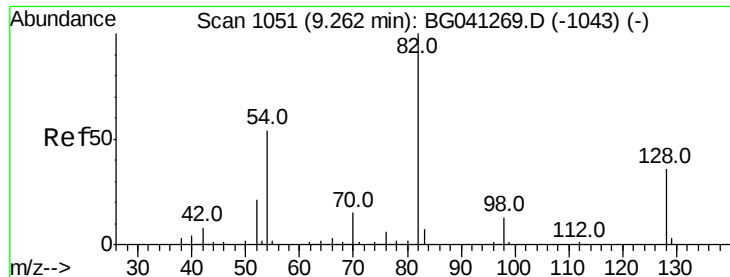
Tgt Ion:136 Resp: 161712
Ion Ratio Lower Upper
136 100
137 11.9 8.8 13.2
54 9.8 6.4 9.6#
68 4.3 4.8 7.2#



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

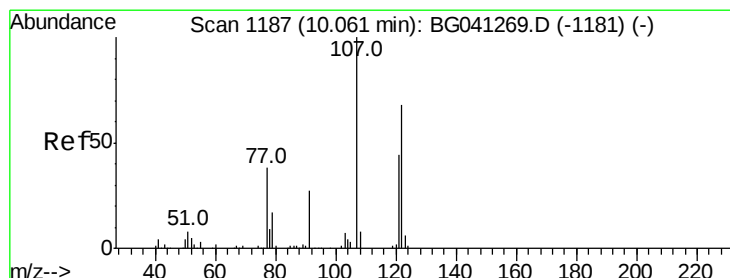
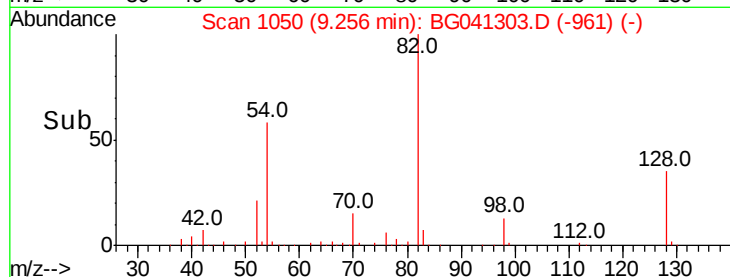
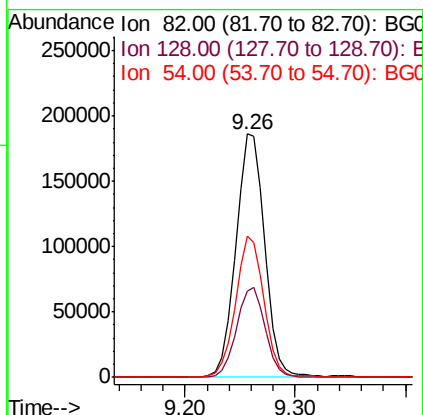
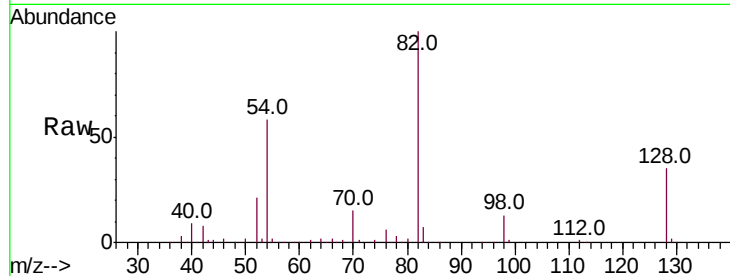




#23
Nitrobenzene-d5
Concen: 89.073 ng
RT: 9.26 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BG041303.D
Acq: 18 Jun 2019 18:44

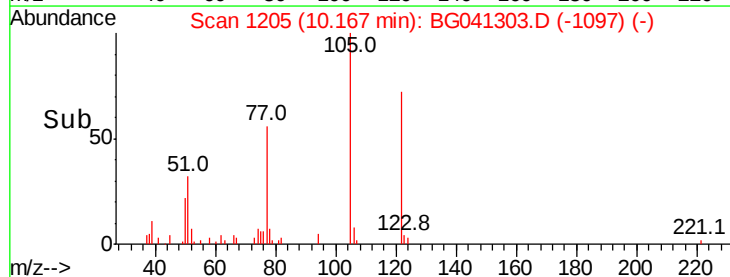
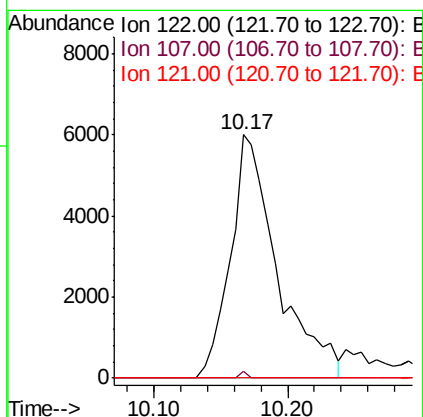
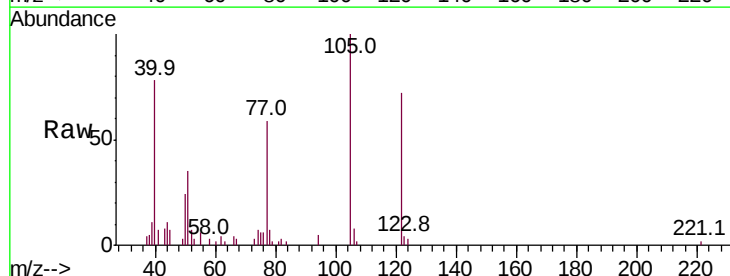
Instrument :
BNA_G
ClientSampleId :

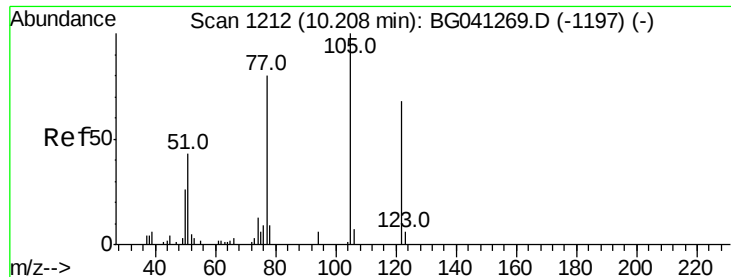
Tot Ion	Ratio	Lower	Upper
82	100		
128	35.3	29.2	43.8
54	58.0	43.4	65.0



#27
2,4-Dimethylphenol
Concen: 6.209 ng
RT: 10.17 min Scan# 1205
Delta R.T. 0.11 min
Lab File: BG041303.D
Acq: 18 Jun 2019 18:44

Tgt Ion	Ratio	Lower	Upper
122	100		
107	2.8	115.1	172.7#
121	0.0	50.1	75.1#

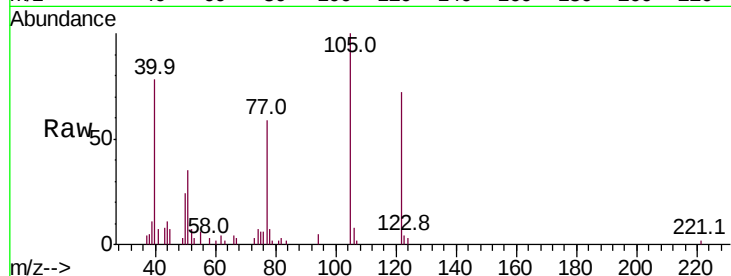




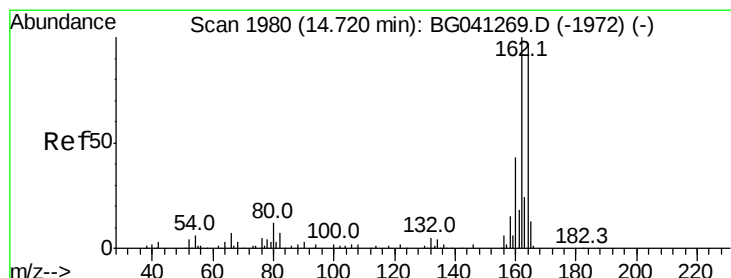
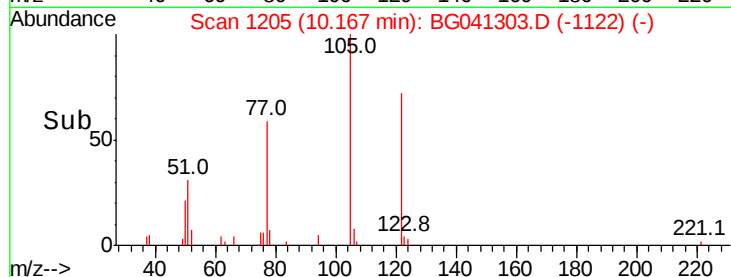
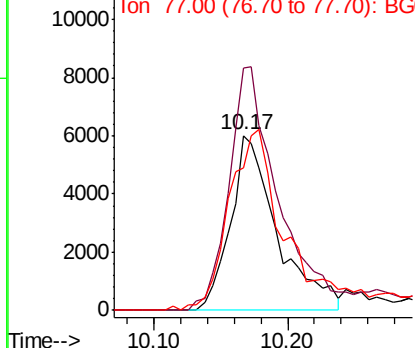
#32
Benzoic acid
Concen: 9.538 ng
RT: 10.17 min Scan# 1205
Delta R.T. -0.04 min
Lab File: BG041303.D
Acq: 18 Jun 2019 18:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:122 Resp: 14591
Ion Ratio Lower Upper
122 100
105 138.5 124.2 164.2
77 81.4 97.2 137.2#

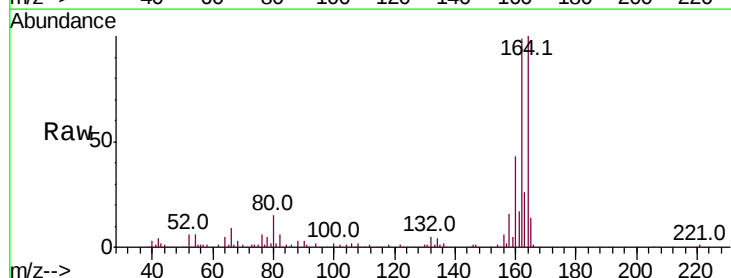


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGC

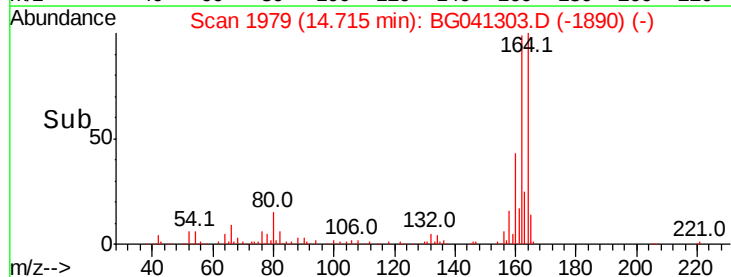
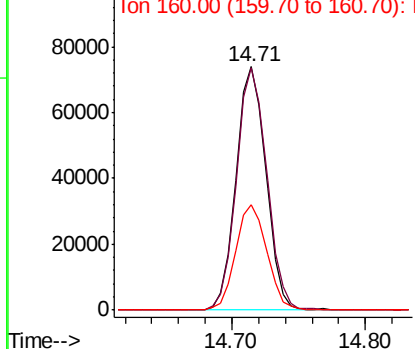


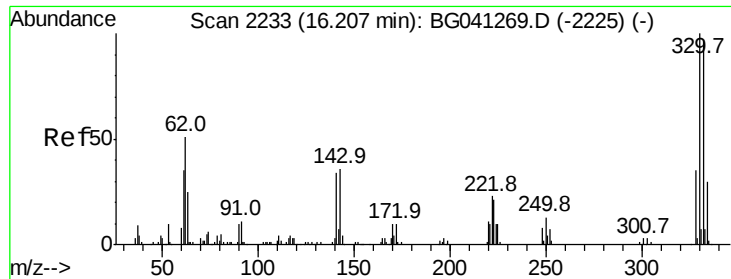
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.71 min Scan# 1979
Delta R.T. -0.01 min
Lab File: BG041303.D
Acq: 18 Jun 2019 18:44

Tgt Ion:164 Resp: 114875
Ion Ratio Lower Upper
164 100
162 99.3 82.8 124.2
160 43.1 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

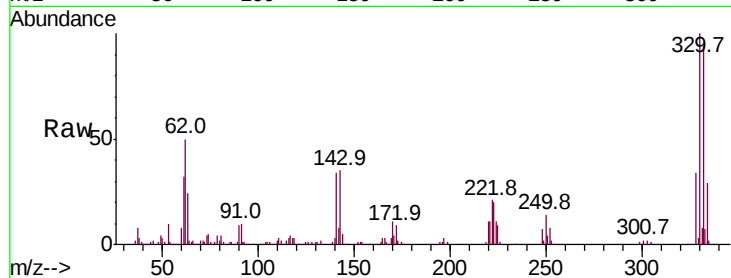




#42
 2,4,6-Tribromophenol
 Concen: 132.300 ng
 RT: 16.21 min Scan# 2233
 Delta R.T. 0.00 min
 Lab File: BG041303.D
 Acq: 18 Jun 2019 18:44

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	75.5	113.3
141	37.1	29.0	43.4

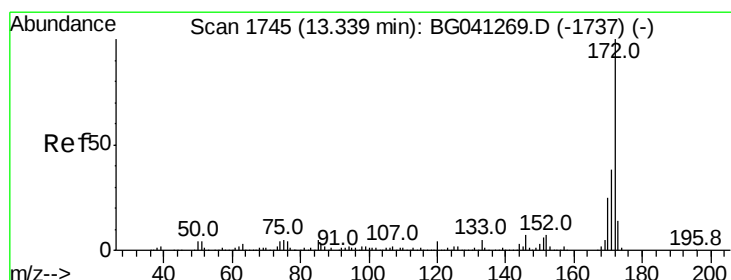
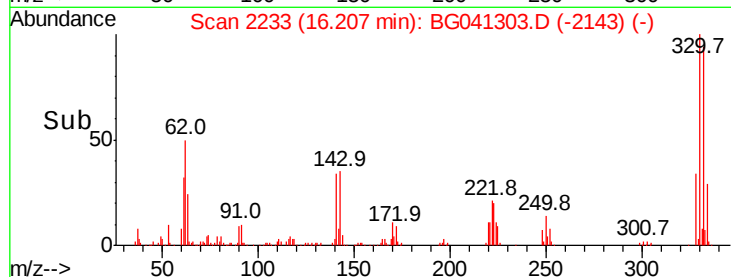
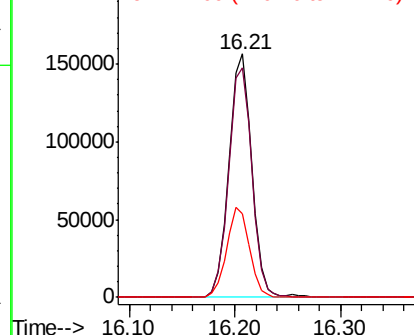


Abundance

Ion 329.80 (329.50 to 330.50): E

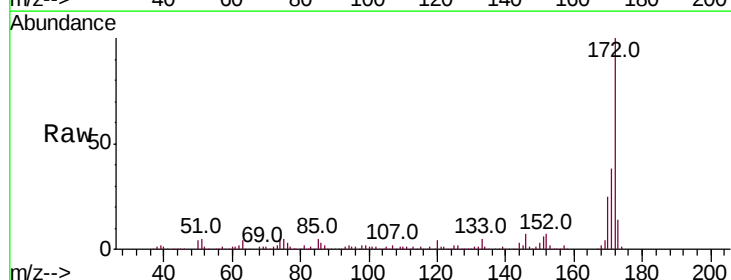
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 88.926 ng
 RT: 13.33 min Scan# 1744
 Delta R.T. -0.01 min
 Lab File: BG041303.D
 Acq: 18 Jun 2019 18:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.0	45.0
170	24.6	19.8	29.6

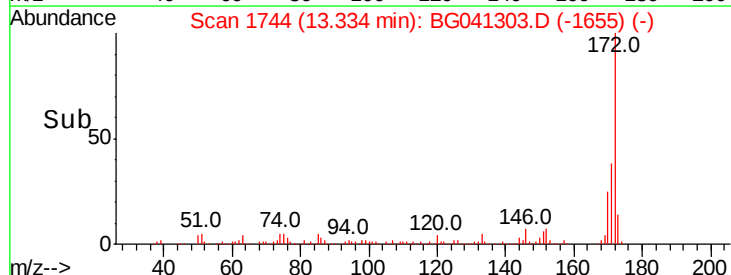
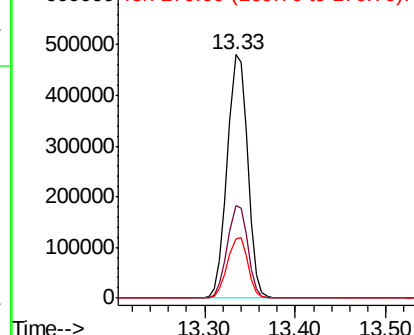


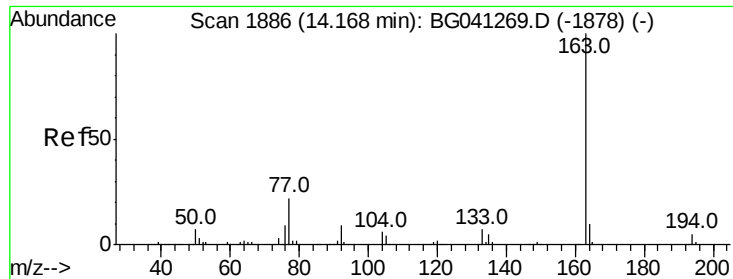
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 3.316 ng

RT: 14.16 min Scan# 1885

Delta R.T. -0.01 min

Lab File: BG041303.D

Acq: 18 Jun 2019 18:44

Instrument :

BNA_G

ClientSampleId :

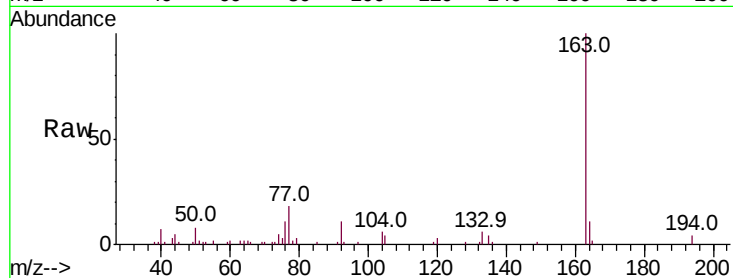
Tot Ion:163 Resp: 33890

Ion Ratio Lower Upper

163 100

194 4.4 3.9 5.9

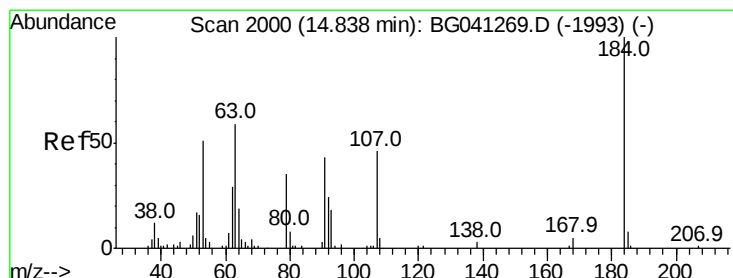
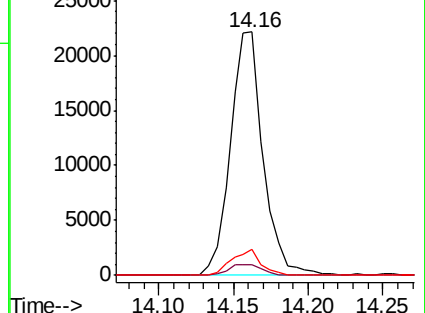
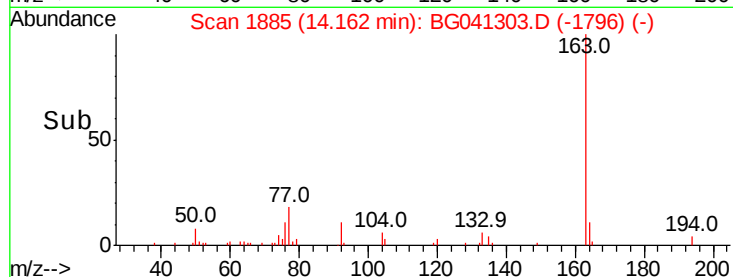
164 10.8 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#54

2,4-Dinitrophenol

Concen: 4.879 ng

RT: 15.14 min Scan# 2051

Delta R.T. 0.30 min

Lab File: BG041303.D

Acq: 18 Jun 2019 18:44

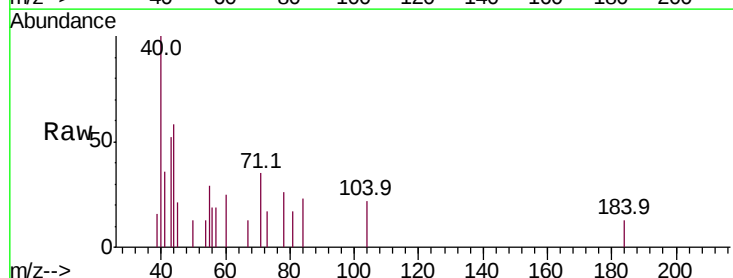
Tgt Ion:184 Resp: 54

Ion Ratio Lower Upper

184 100

63 0.0 60.0 90.0#

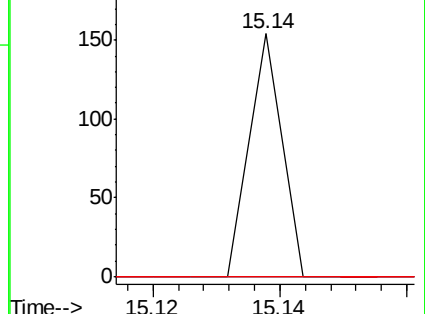
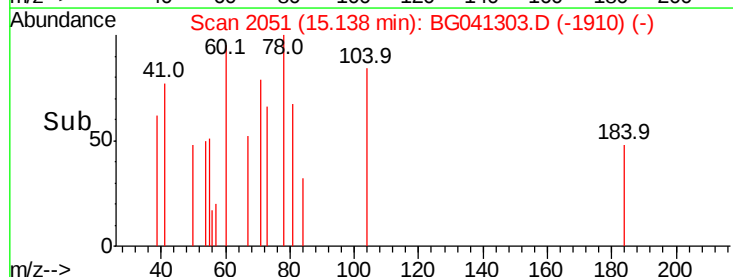
154 0.0 58.3 87.5#

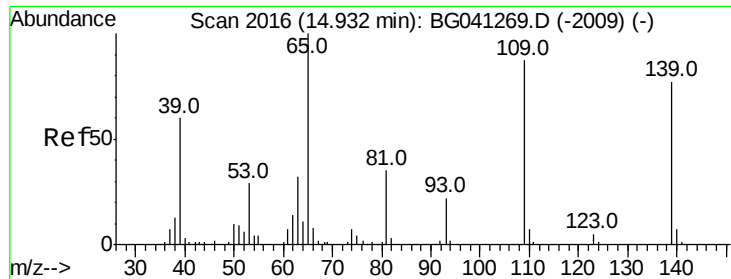


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E





#56

4-Nitrophenol

Concen: 3.250 ng

RT: 14.87 min Scan# 2006

Delta R.T. -0.06 min

Lab File: BG041303.D

Acq: 18 Jun 2019 18:44

Instrument :

BNA_G

ClientSampled :

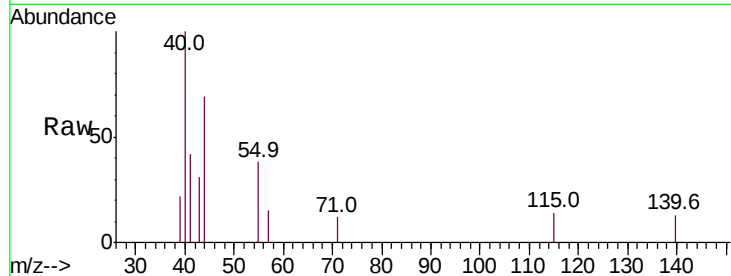
Tot Ion:139 Resp: 58

Ion Ratio Lower Upper

139 100

109 0.0 93.2 133.2#

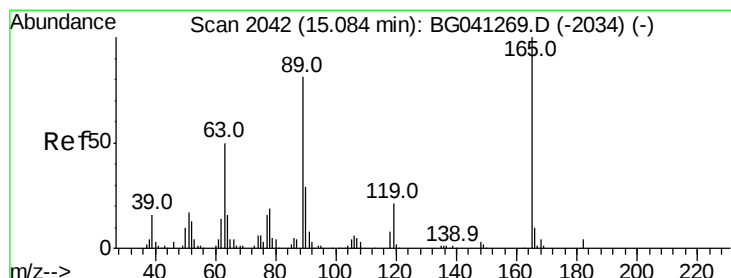
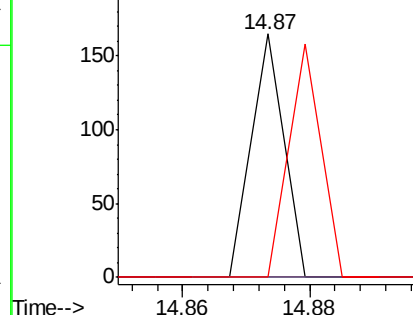
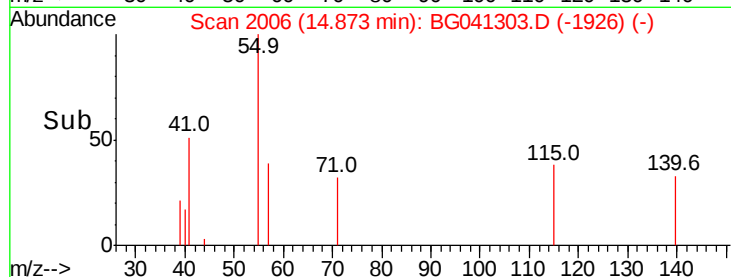
65 0.0 110.2 150.2#



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): BGC



#57

2,4-Dinitrotoluene

Concen: 4.859 ng

RT: 14.71 min Scan# 1979

Delta R.T. -0.37 min

Lab File: BG041303.D

Acq: 18 Jun 2019 18:44

Tgt Ion:165 Resp: 15309

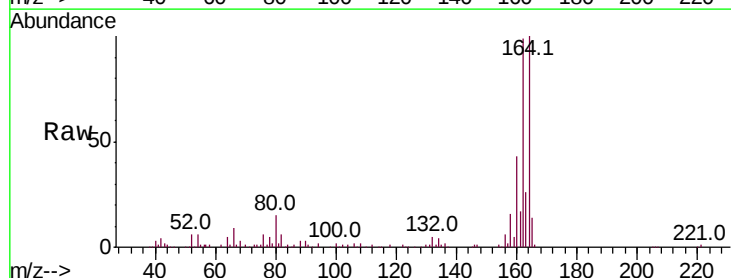
Ion Ratio Lower Upper

165 100

63 0.0 40.0 60.0#

89 0.0 64.6 96.8#

182 0.0 2.9 4.3#

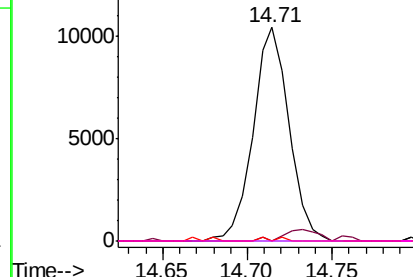
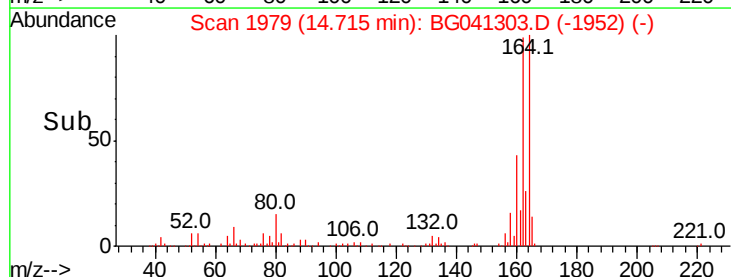


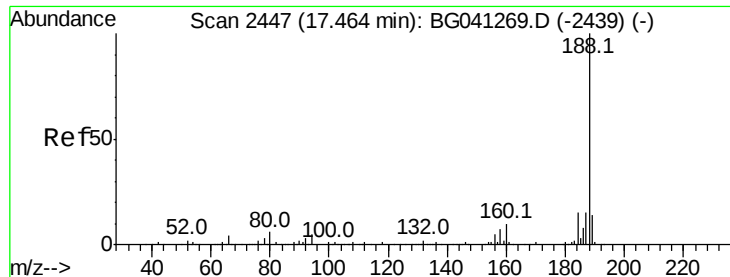
Abundance Ion 165.00 (164.70 to 165.70): E

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: 17.46 min Scan# 2446

Delta R.T. -0.01 min

Lab File: BG041303.D

Acq: 18 Jun 2019 18:44

Instrument :

BNA_G

ClientSampleId :

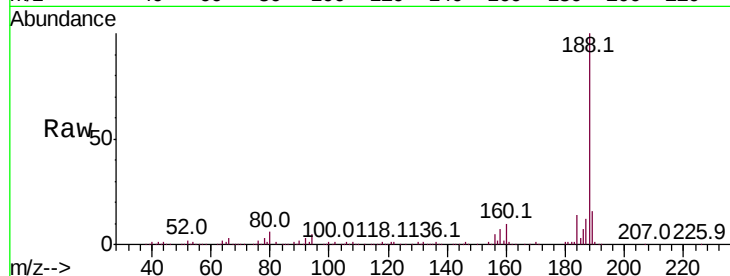
Tot Ion:188 Resp: 282123

Ion Ratio Lower Upper

188 100

94 5.5 3.6 5.4#

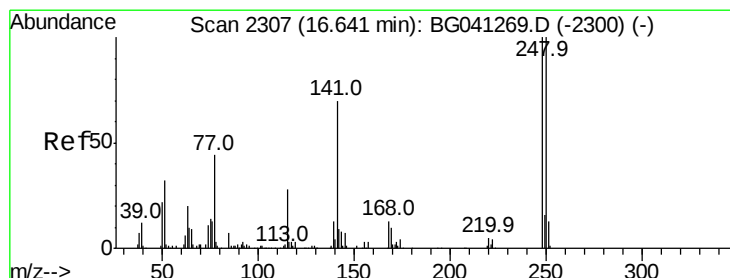
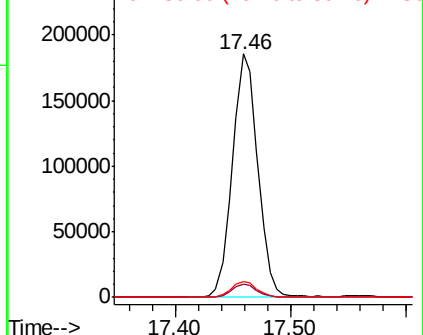
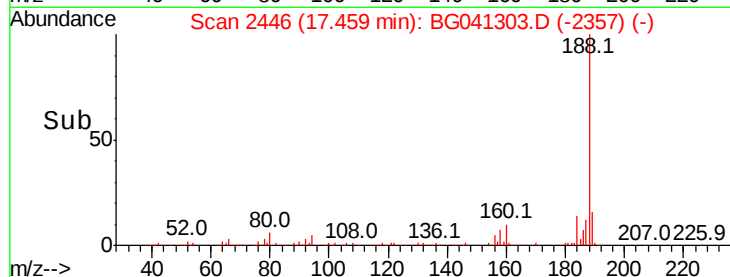
80 6.4 4.8 7.2



Abundance Ion 188.00 (187.70 to 188.70): E

250000 Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#67

4-Bromophenyl-phenylether

Concen: 4.716 ng

RT: 16.20 min Scan# 2232

Delta R.T. -0.44 min

Lab File: BG041303.D

Acq: 18 Jun 2019 18:44

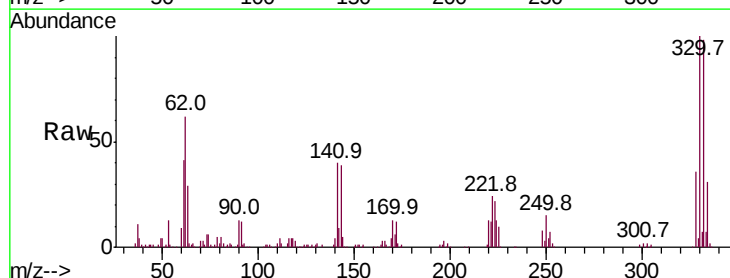
Tgt Ion:248 Resp: 17204

Ion Ratio Lower Upper

248 100

250 192.1 79.8 119.8#

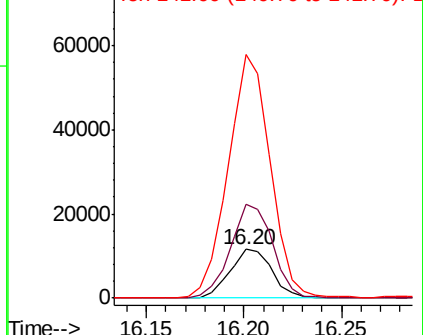
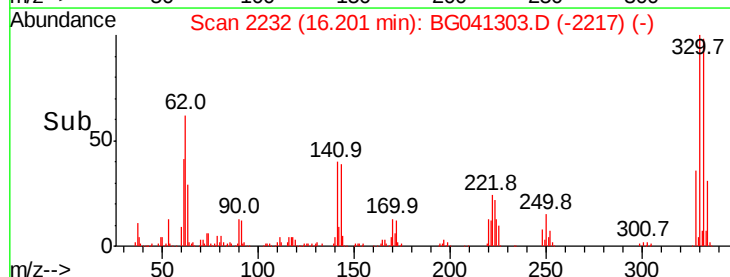
141 497.0 55.8 83.6#

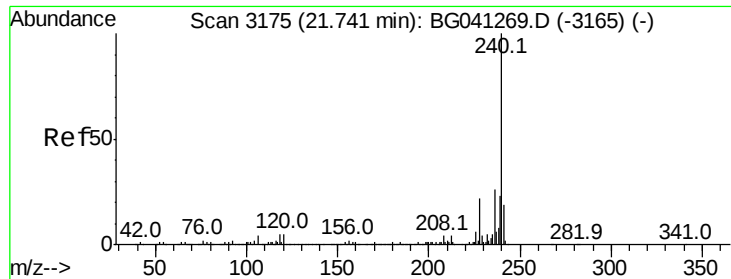


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

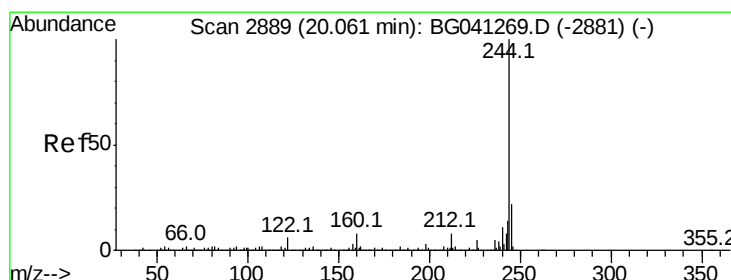
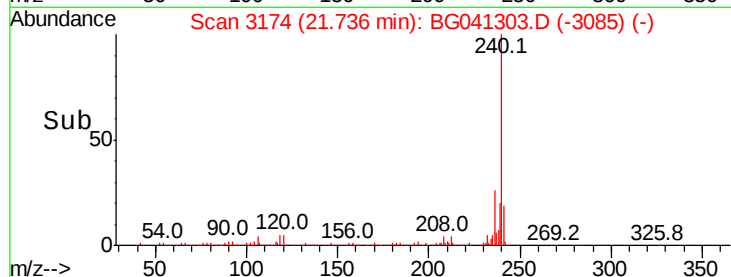
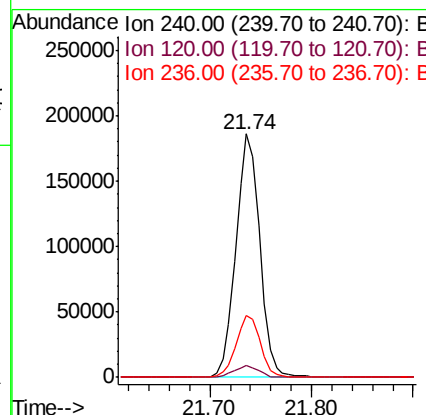
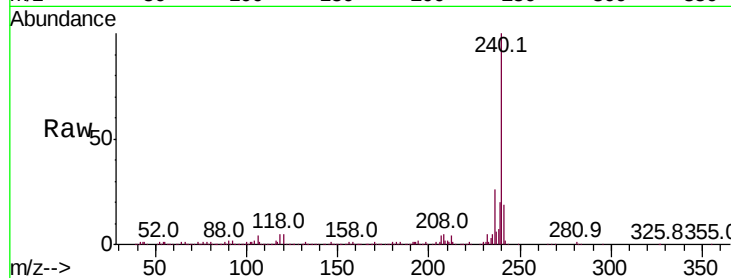




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.74 min Scan# 3174
 Delta R.T. -0.01 min
 Lab File: BG041303.D
 Acq: 18 Jun 2019 18:44

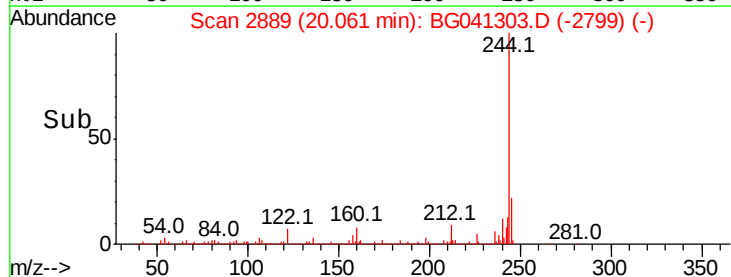
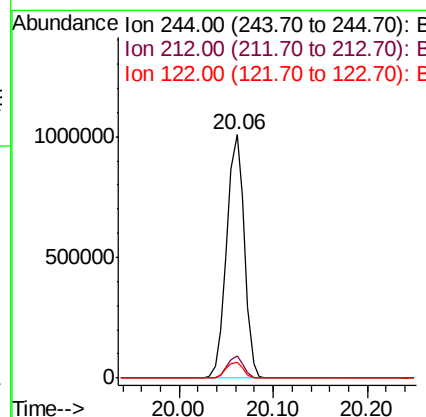
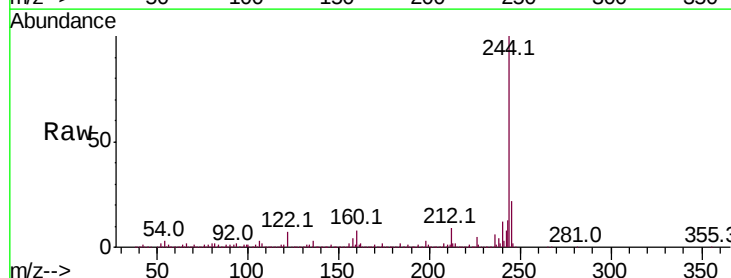
Instrument :
 BNA_G
 ClientSampleId :

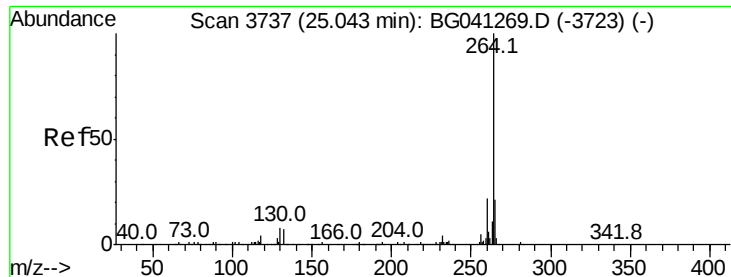
Tot Ion:240 Resp: 303588
 Ion Ratio Lower Upper
 240 100
 120 4.9 3.7 5.5
 236 25.5 21.1 31.7



#79
 Terphenyl-d14
 Concen: 86.640 ng
 RT: 20.06 min Scan# 2889
 Delta R.T. 0.00 min
 Lab File: BG041303.D
 Acq: 18 Jun 2019 18:44

Tgt Ion:244 Resp: 1327221
 Ion Ratio Lower Upper
 244 100
 212 8.9 6.6 10.0
 122 6.7 5.0 7.4





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.05 min Scan# 3738
 Delta R.T. 0.01 min
 Lab File: BG041303.D
 Acq: 18 Jun 2019 18:44

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	23.0	17.4	26.2	
265	21.9	17.2	25.8	

