

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061920\
 Data File : BG045816.D
 Acq On : 19 Jun 2020 15:26
 Operator : CG/JU
 Sample : L3033-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SS043MW009-200616

Quant Time: Jun 19 17:25:44 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 15 18:34:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	55881	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	210362	20.00	ng	0.00
39) Acenaphthene-d10	14.57	164	142319	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	302109	20.00	ng	0.00
76) Chrysene-d12	21.57	240	292215	20.00	ng	0.00
86) Perylene-d12	24.71	264	317566	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	182175	55.07	ng	0.00
7) Phenol-d6	7.19	99	176082	34.99	ng	0.02
23) Nitrobenzene-d5	9.09	82	403486	87.62	ng	0.00
42) 2,4,6-Tribromophenol	16.07	330	300927	140.05	ng	0.00
45) 2-Fluorobiphenyl	13.19	172	895326	92.45	ng	0.00
79) Terphenyl-d14	19.94	244	1386224	96.14	ng	0.00

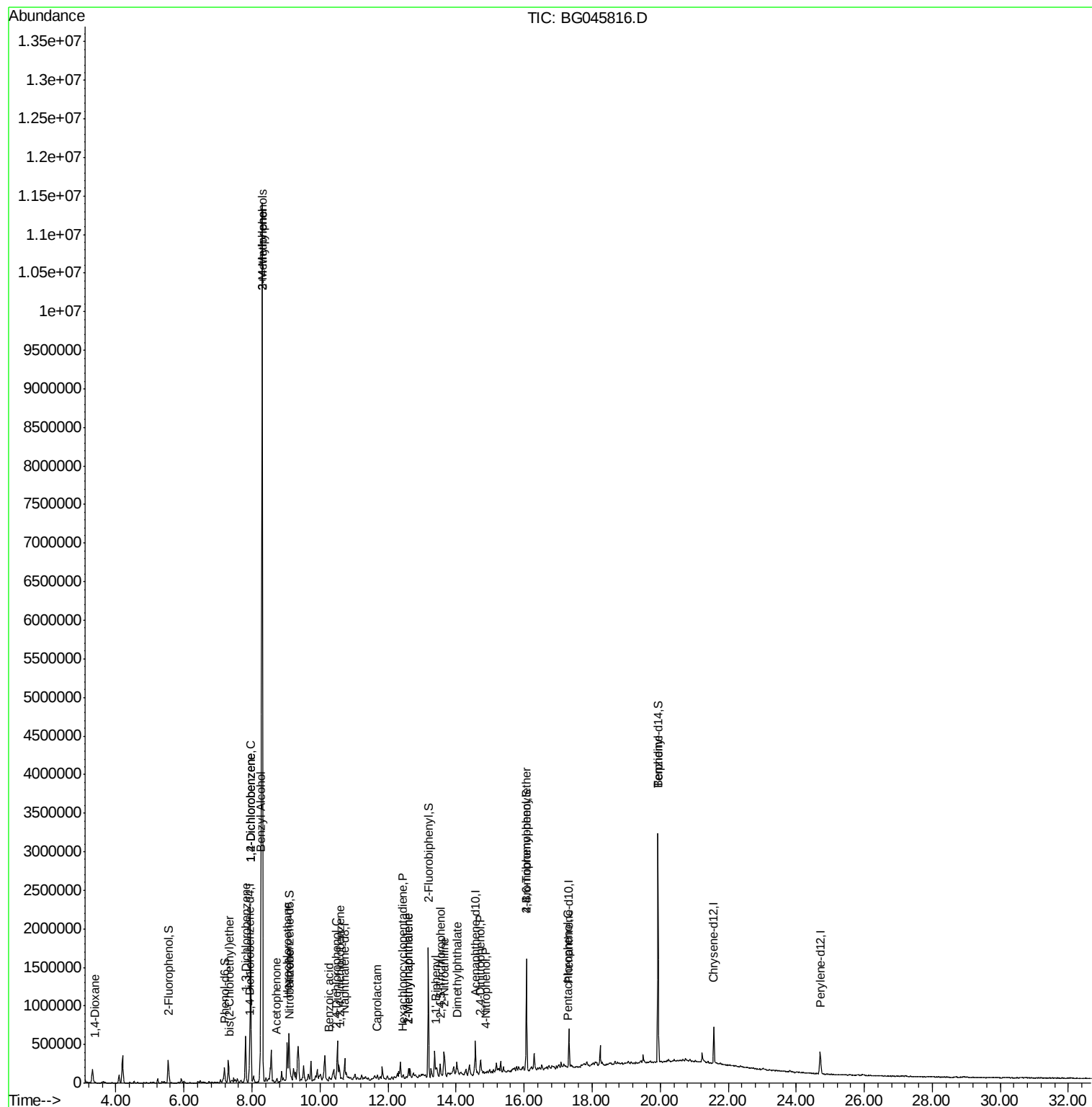
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.38	88	3680	2.429	ng	# 78
11) bis(2-Chloroethyl)ether	7.34	93	9669	2.611	ng	94
12) 1,3-Dichlorobenzene	7.81	146	248732	58.945	ng	99
13) 1,4-Dichlorobenzene	7.96	146	949566	225.290	ng	95
14) 1,2-Dichlorobenzene	7.96	146	949566	235.328	ng	97
15) Benzyl Alcohol	8.26	79	10031	2.576	ng	# 23
17) 2-Methylphenol	8.30	107	63653	17.543	ng	# 73
18) Hexachloroethane	9.03	117	9500	5.935	ng	# 1
20) 3+4-Methylphenols	8.30	107	63589	13.326	ng	# 51
22) Acetophenone	8.73	105	34506	5.976	ng	# 56
24) Nitrobenzene	9.12	77	10502	2.139	ng	# 57
29) 2,4-Dichlorophenol	10.48	162	29929	8.214	ng	90
30) 1,2,4-Trichlorobenzene	10.59	180	12097	2.805	ng	97
32) Benzoic acid	10.27	122	18786	16.518	ng	# 15
35) Caprolactam	11.67	113	4900	4.156	ng	# 74
37) 2-Methylnaphthalene	12.60	142	40000	4.671	ng	96
38) 1-Methylnaphthalene	12.60	142	40000	4.936	ng	# 95
41) Hexachlorocyclopentadiene	12.42	237	54	8.438	ng	# 27
44) 2,4,5-Trichlorophenol	13.54	196	11054	3.053	ng	# 42
46) 1,1'-Biphenyl	13.40	154	28183	2.766	ng	94
48) 2-Nitroaniline	13.64	65	10502	3.836	ng	# 24
50) Dimethylphthalate	14.02	163	82635	7.412	ng	98
54) 2,4-Dinitrophenol	14.71	184	60	9.863	ng	# 1
56) 4-Nitrophenol	14.88	139	342	4.154	ng	# 1
67) 4-Bromophenyl-phenylether	16.07	248	19491	4.965	ng	# 1
70) Pentachlorophenol	17.29	266	129	7.691	ng	# 17
77) Benzidine	19.94	184	26642	3.507	ng	# 89

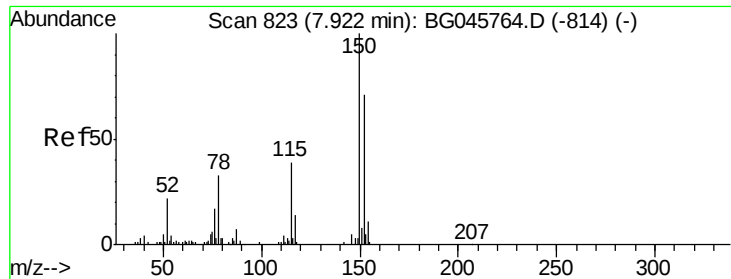
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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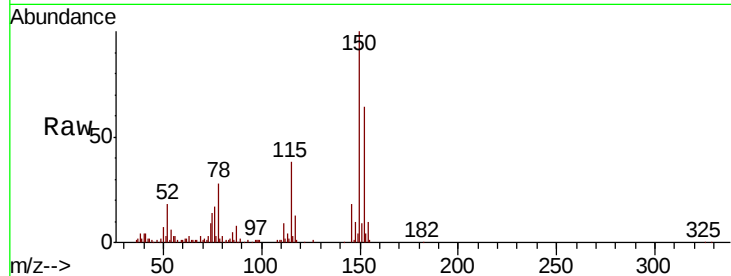


#1

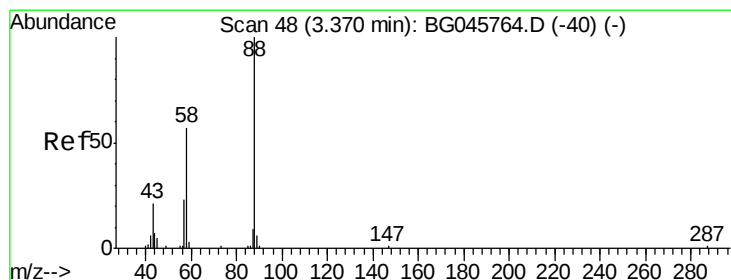
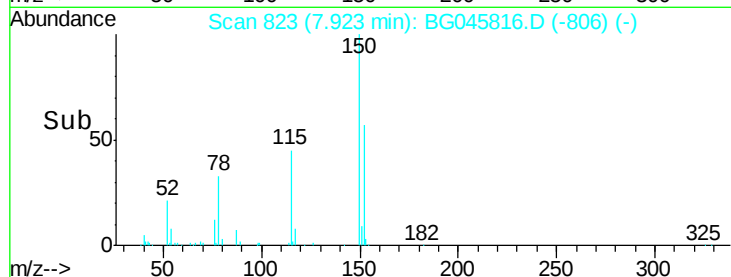
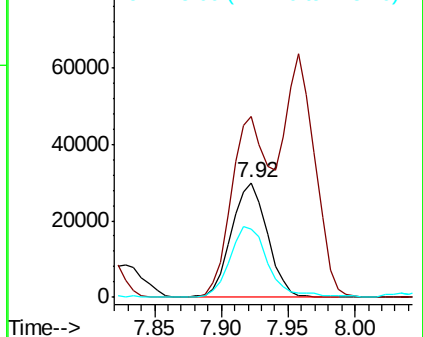
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 823
Delta R.T. 0.00 min
Lab File: BG045816.D
Acq: 19 Jun 2020 15:26

Instrument :
BNA_G
ClientSampleId :
SS043MW009-200616

Tot Ion:152 Resp: 55881
Ion Ratio Lower Upper
152 100
150 157.2 113.1 169.7
115 59.4 43.8 65.6



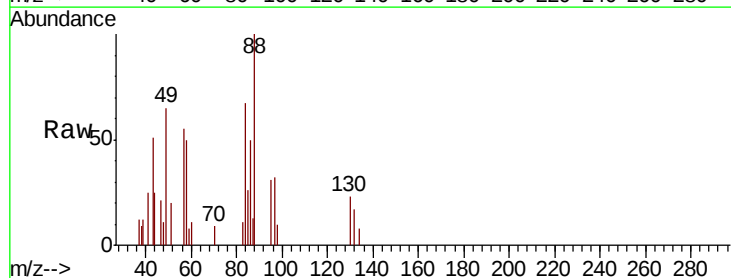
Abundance Ion 152.00 (151.70 to 152.70): B
Ion 150.00 (149.70 to 150.70): B
Ion 115.00 (114.70 to 115.70): B



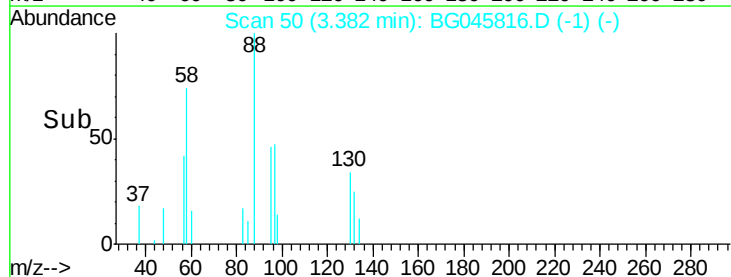
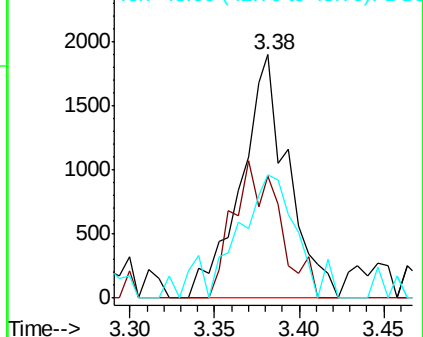
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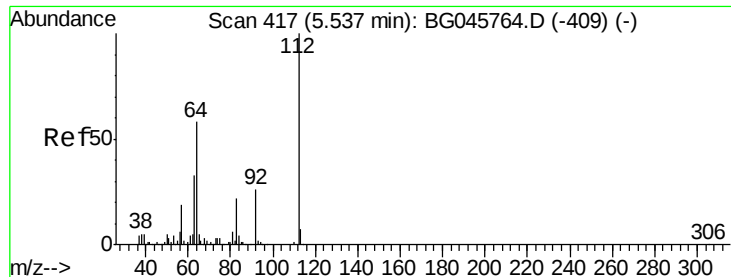
1,4-Dioxane
Concen: 2.429 ng
RT: 3.38 min Scan# 50
Delta R.T. 0.01 min
Lab File: BG045816.D
Acq: 19 Jun 2020 15:26

Tgt Ion: 88 Resp: 3680
Ion Ratio Lower Upper
88 100
58 55.4 46.1 69.1
43 56.5 19.2 28.8#



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: 55.070 ng

RT: 5.54 min Scan# 417

Delta R.T. 0.00 min

Lab File: BG045816.D

Acq: 19 Jun 2020 15:26

Instrument :

BNA_G

ClientSampleId :

SS043MW009-200616

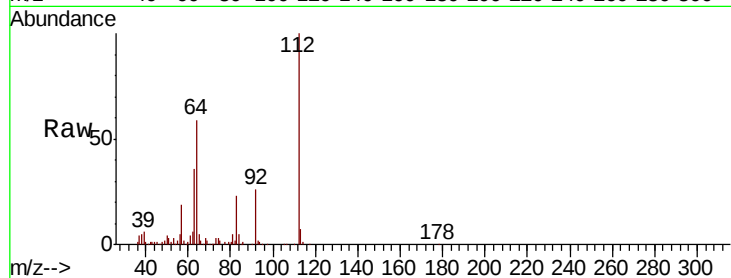
Tot Ion:112 Resp: 182175

Ion Ratio Lower Upper

112 100

64 58.8 46.6 69.8

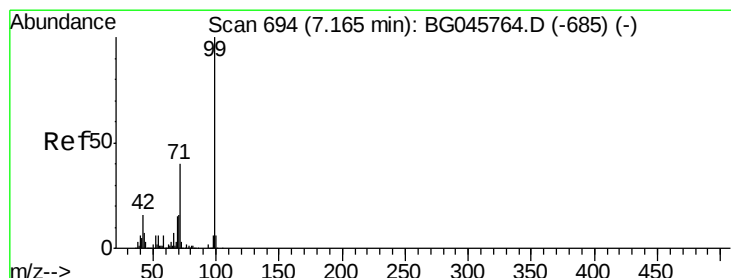
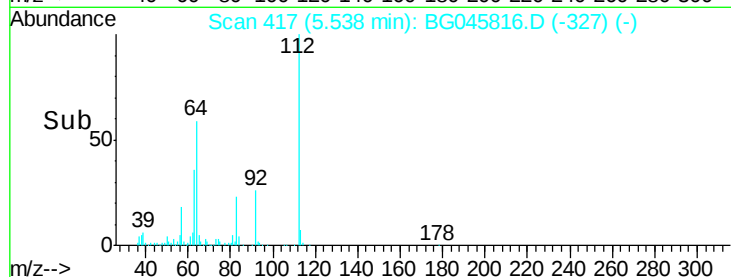
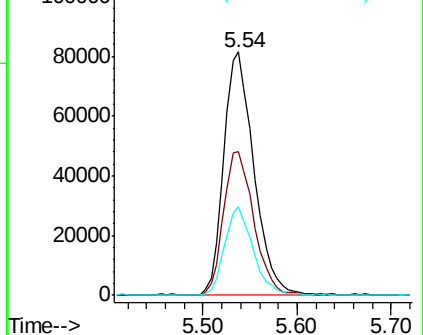
63 36.2 26.3 39.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#7

Phenol-d6

Concen: 34.993 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.02 min

Lab File: BG045816.D

Acq: 19 Jun 2020 15:26

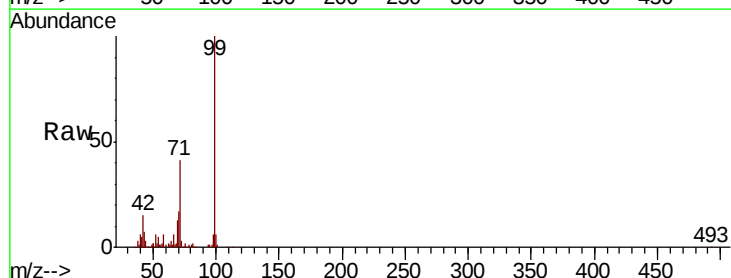
Tgt Ion: 99 Resp: 176082

Ion Ratio Lower Upper

99 100

42 14.9 12.4 18.6

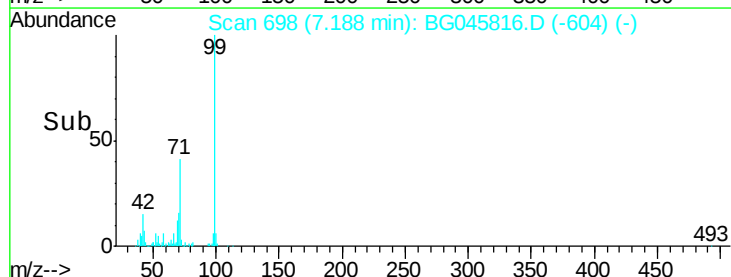
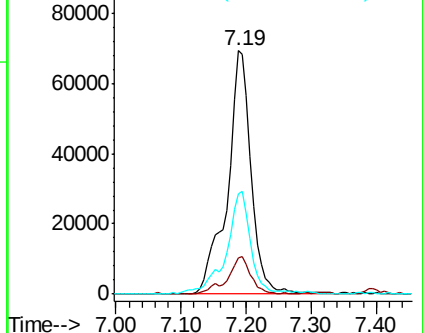
71 41.3 32.1 48.1

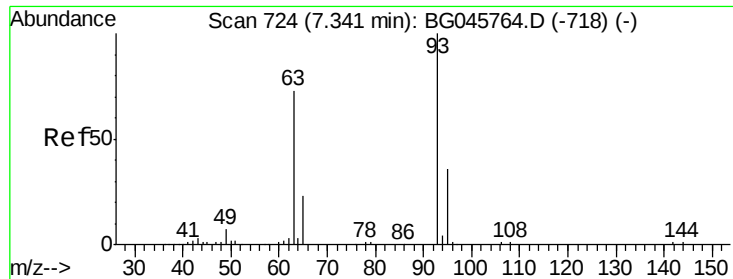


Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC

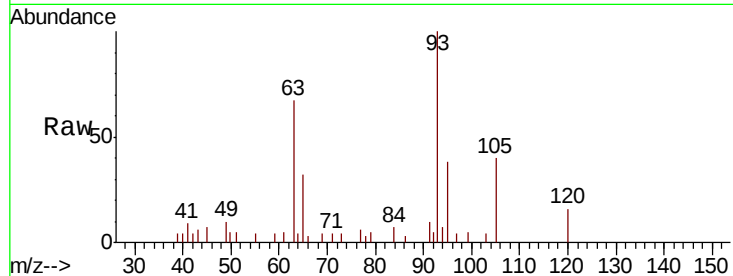




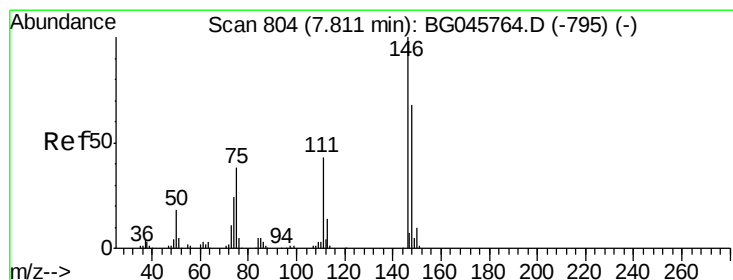
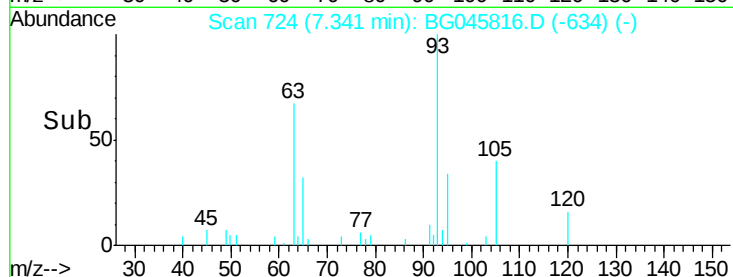
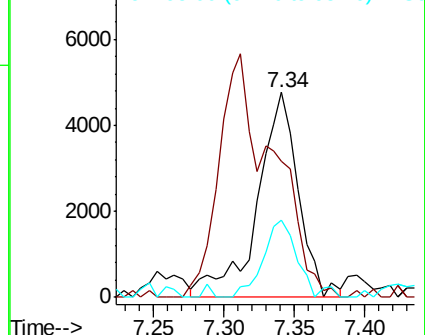
#11
bis(2-Chloroethyl)ether
Concen: 2.611 ng
RT: 7.34 min Scan# 724
Delta R.T. 0.00 min
Lab File: BG045816.D
Acq: 19 Jun 2020 15:26

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SS043MW009-200616

Tot Ion: 93 Resp: 9669
Ion Ratio Lower Upper
93 100
63 66.6 52.0 92.0
95 38.0 15.6 55.6

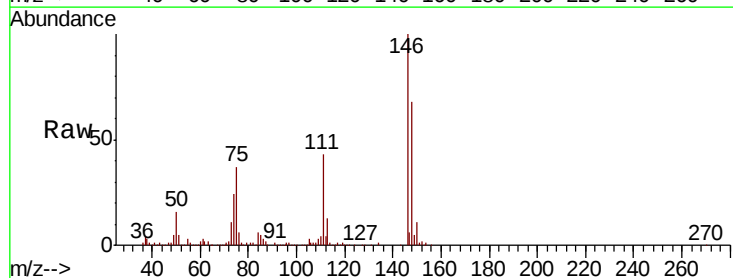


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

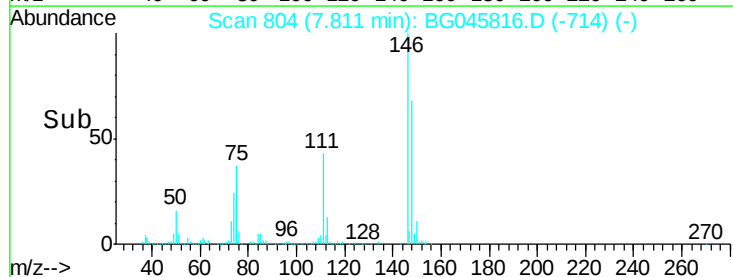
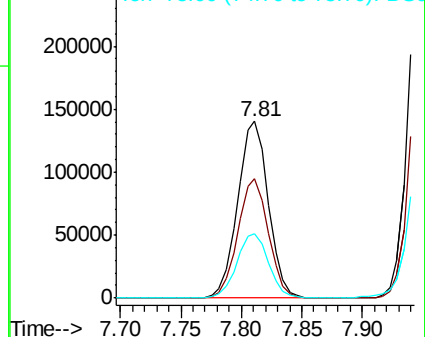


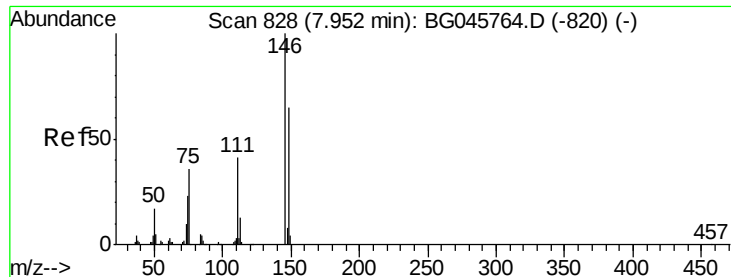
#12
1,3-Dichlorobenzene
Concen: 58.945 ng
RT: 7.81 min Scan# 804
Delta R.T. 0.00 min
Lab File: BG045816.D
Acq: 19 Jun 2020 15:26

Tgt Ion: 146 Resp: 248732
Ion Ratio Lower Upper
146 100
148 67.6 54.2 81.4
75 36.8 30.1 45.1



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC

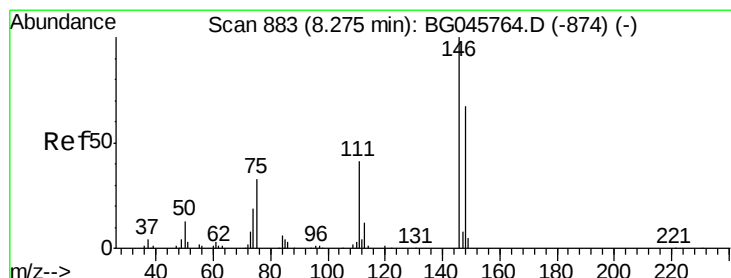
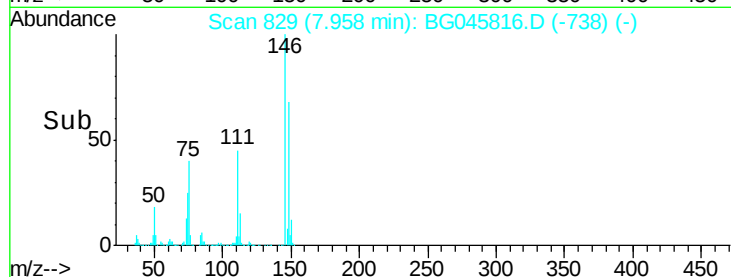
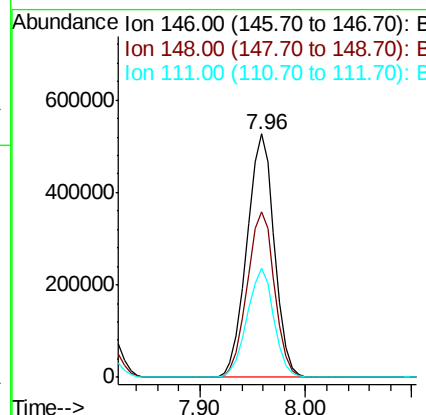
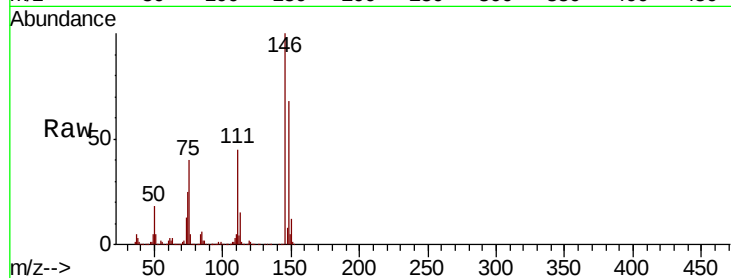




#13
 1,4-Dichlorobenzene
 Concen: 225.290 ng
 RT: 7.96 min Scan# 829
 Delta R.T. 0.01 min
 Lab File: BG045816.D
 Acq: 19 Jun 2020 15:26

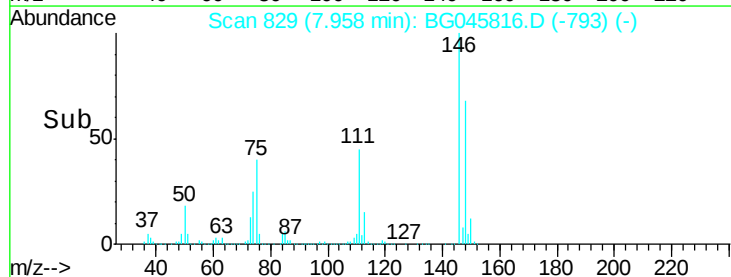
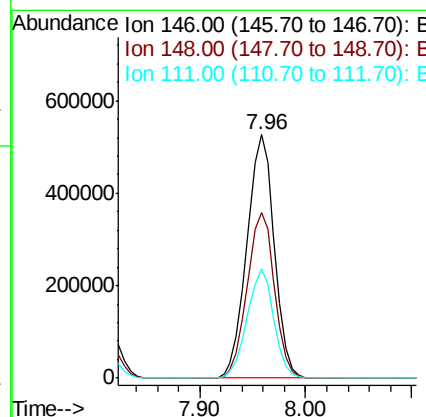
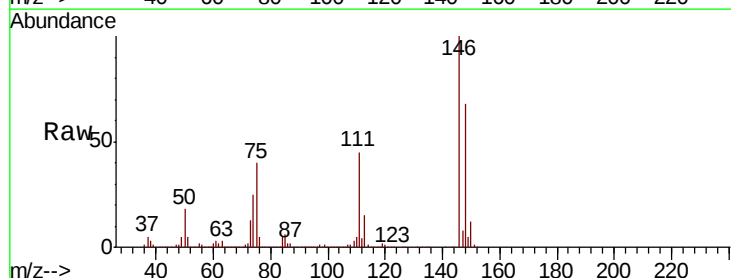
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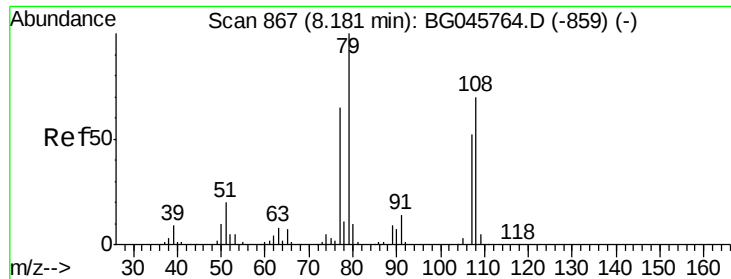
Tot Ion	Ratio	Lower	Upper
146	100		
148	67.9	51.8	77.6
111	45.0	32.8	49.2



#14
 1,2-Dichlorobenzene
 Concen: 235.328 ng
 RT: 7.96 min Scan# 829
 Delta R.T. -0.32 min
 Lab File: BG045816.D
 Acq: 19 Jun 2020 15:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.9	54.1	81.1
111	45.0	32.9	49.3





#15

Benzyl Alcohol

Concen: 2.576 ng

RT: 8.26 min Scan# 880

Delta R.T. 0.08 min

Lab File: BG045816.D

Acq: 19 Jun 2020 15:26

Instrument :

BNA_G

ClientSampleId :

SS043MW009-200616

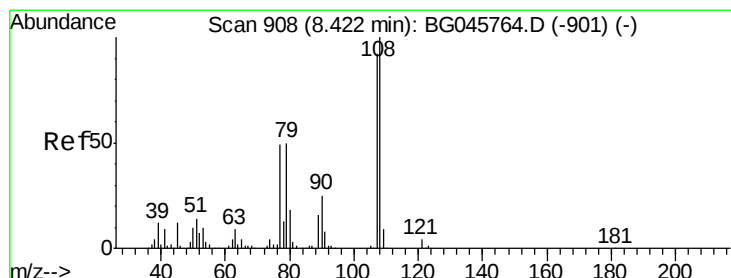
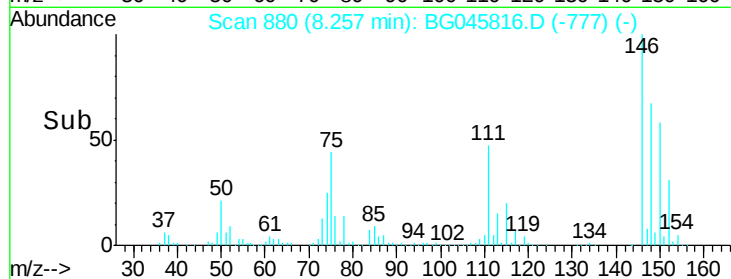
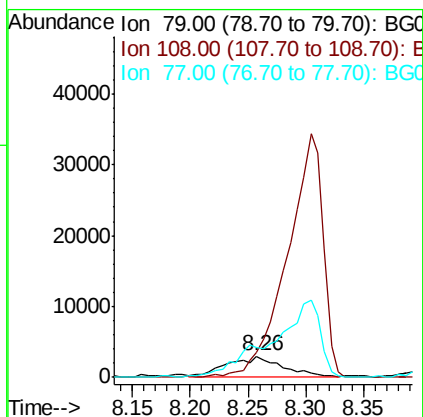
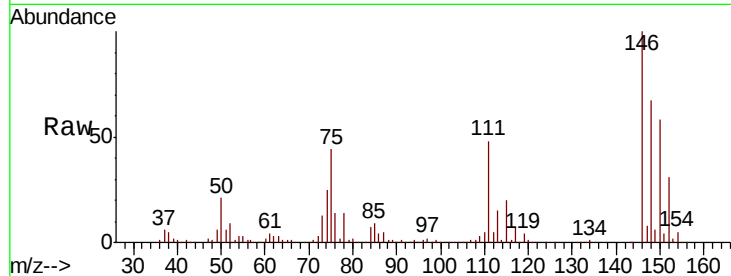
Tot Ion: 79 Resp: 10031

Ion Ratio Lower Upper

79 100

108 119.2 56.2 84.4#

77 140.4 52.2 78.2#



#17

2-Methylphenol

Concen: 17.543 ng

RT: 8.30 min Scan# 888

Delta R.T. -0.12 min

Lab File: BG045816.D

Acq: 19 Jun 2020 15:26

Tgt Ion: 107 Resp: 63653

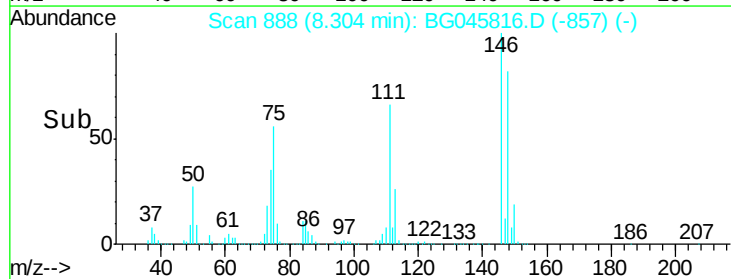
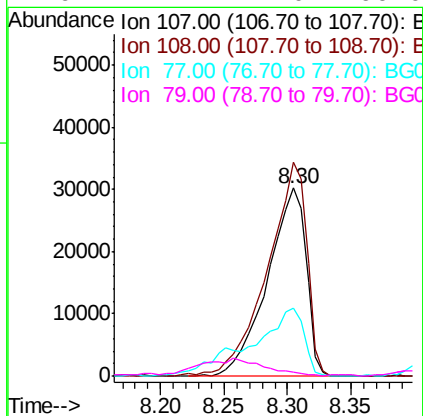
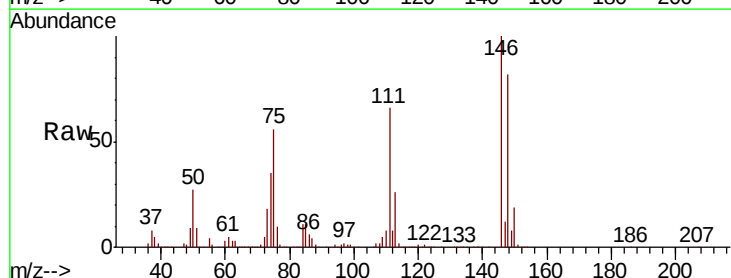
Ion Ratio Lower Upper

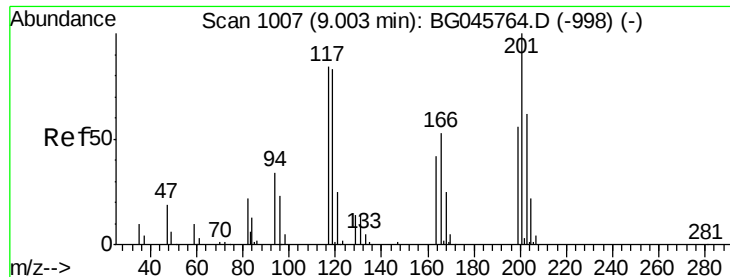
107 100

108 113.7 87.4 131.0

77 35.9 42.5 63.7#

79 2.2 44.0 66.0#

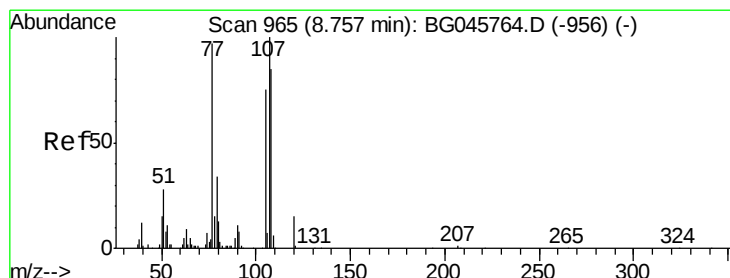
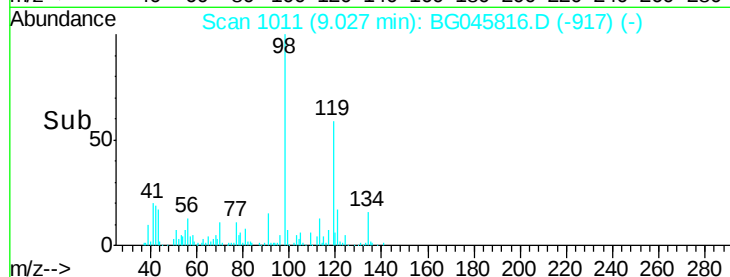
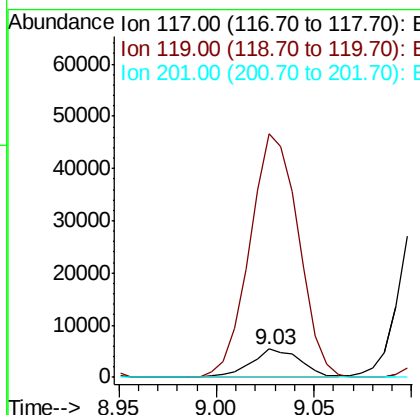
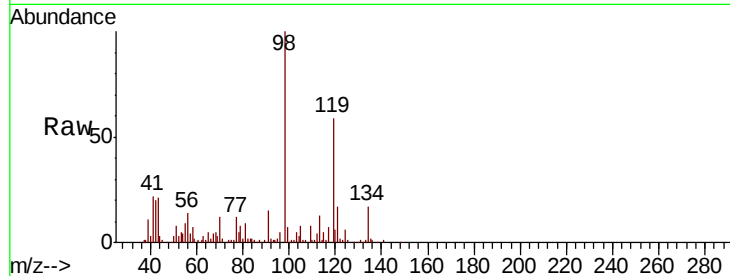




#18
Hexachloroethane
Concen: 5.935 ng
RT: 9.03 min Scan# 1011
Delta R.T. 0.02 min
Lab File: BG045816.D
Acq: 19 Jun 2020 15:26

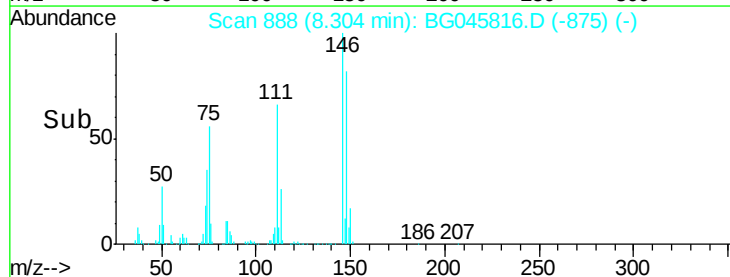
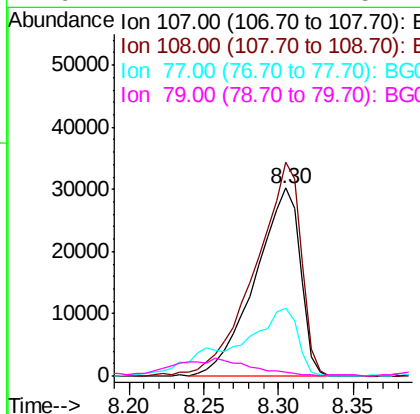
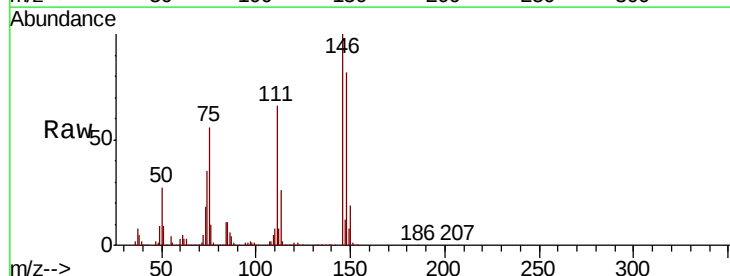
Instrument :
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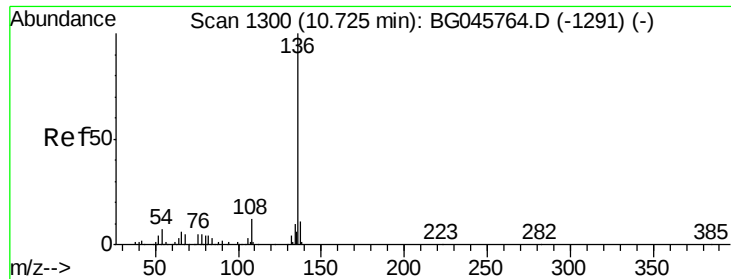
Tot Ion:117 Resp: 9500
Ion Ratio Lower Upper
117 100
119 853.6 78.9 118.3#
201 0.0 95.5 143.3#



#20
3+4-Methylphenols
Concen: 13.326 ng
RT: 8.30 min Scan# 888
Delta R.T. -0.45 min
Lab File: BG045816.D
Acq: 19 Jun 2020 15:26

Tgt Ion:107 Resp: 63589
Ion Ratio Lower Upper
107 100
108 113.7 65.4 105.4#
77 35.9 77.2 117.2#
79 2.2 14.2 54.2#

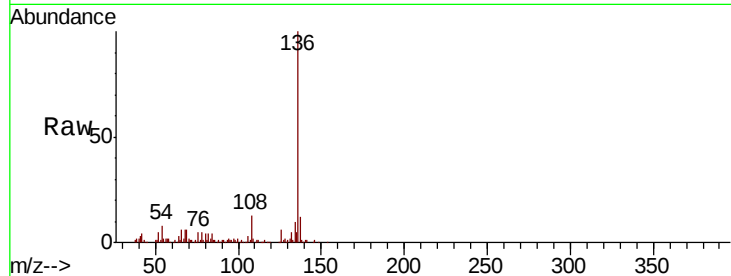




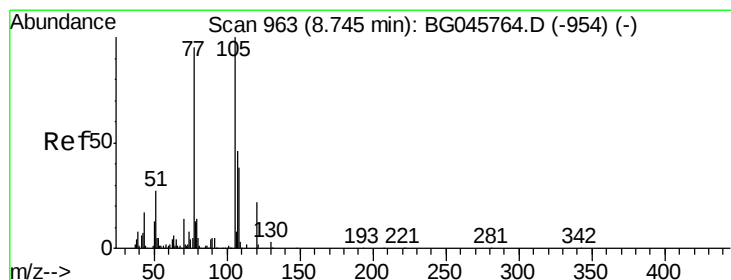
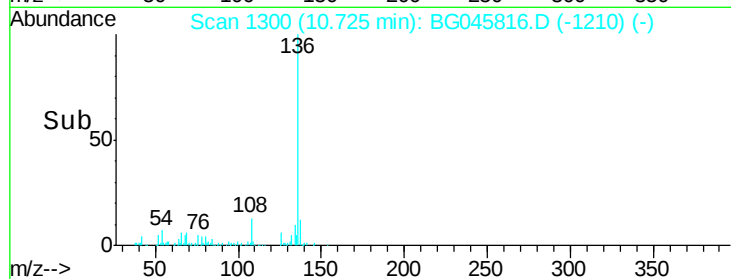
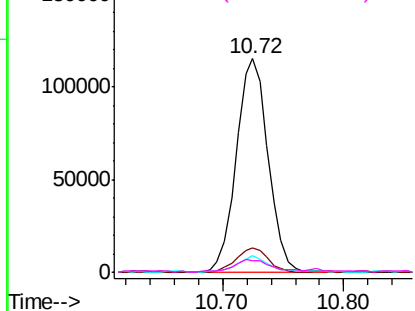
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BG045816.D
Acq: 19 Jun 2020 15:26

Instrument :
BNA_G
ClientSampleId :
SS043MW009-200616

Tot Ion:136	Resp:	210362
Ion Ratio	Lower	Upper
136 100		
137 11.5	8.7	13.1
54 7.5	5.8	8.6
68 5.5	4.0	6.0

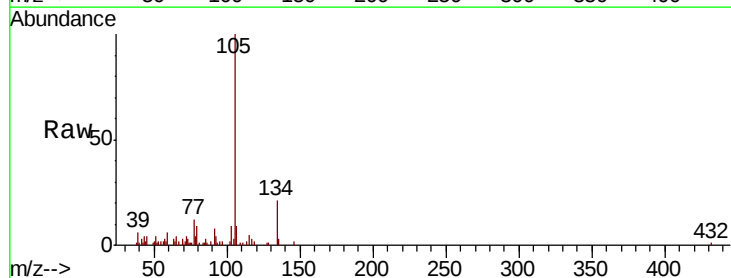


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

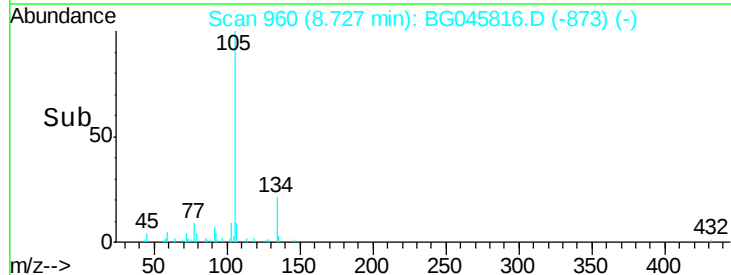
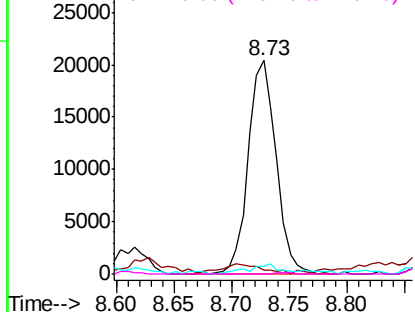


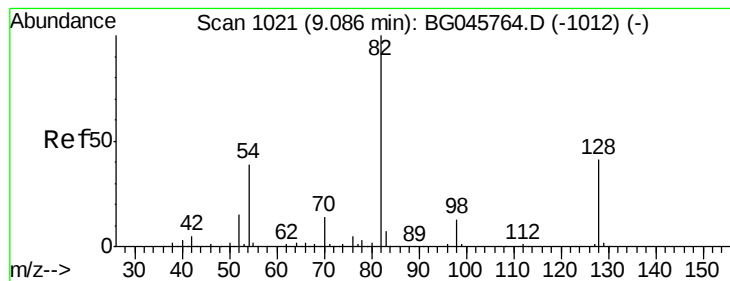
#22
Acetophenone
Concen: 5.976 ng
RT: 8.73 min Scan# 960
Delta R.T. -0.02 min
Lab File: BG045816.D
Acq: 19 Jun 2020 15:26

Tgt	Ion:105	Resp:	34506
Ion	Ratio	Lower	Upper
105	100		
71	1.6	1.8	2.8#
51	3.7	21.9	32.9#
120	0.0	17.3	25.9#



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BG
Ion 51.00 (50.70 to 51.70): BG
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 87.623 ng

RT: 9.09 min Scan# 1021

Delta R.T. 0.00 min

Lab File: BG045816.D

Acq: 19 Jun 2020 15:26

Instrument :

BNA_G

ClientSampleId :

SS043MW009-200616

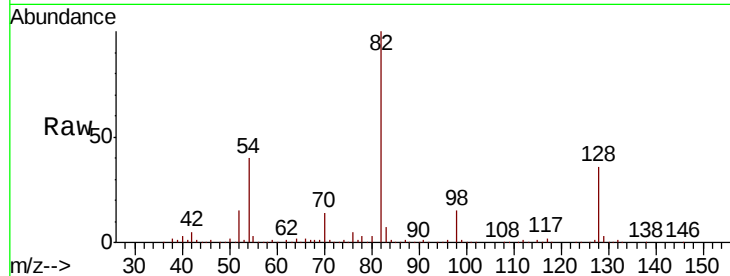
Tot Ion: 82 Resp: 403486

Ion Ratio Lower Upper

82 100

128 36.2 32.5 48.7

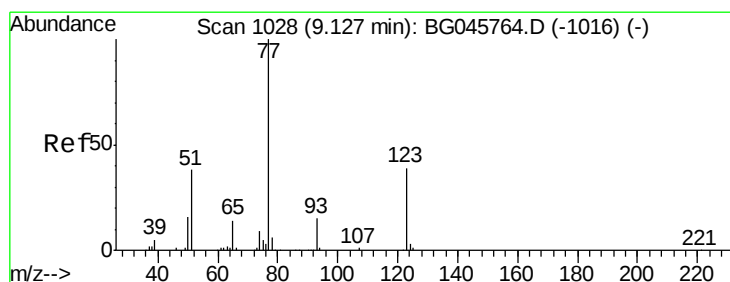
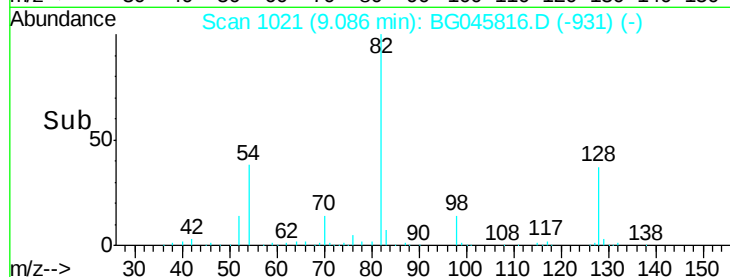
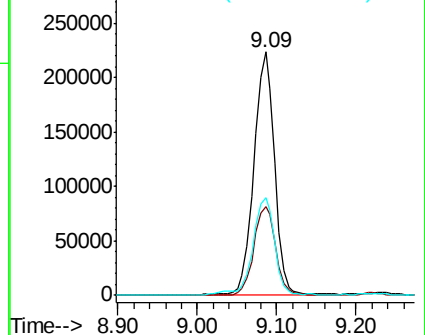
54 40.1 31.2 46.8



Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#24

Nitrobenzene

Concen: 2.139 ng

RT: 9.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BG045816.D

Acq: 19 Jun 2020 15:26

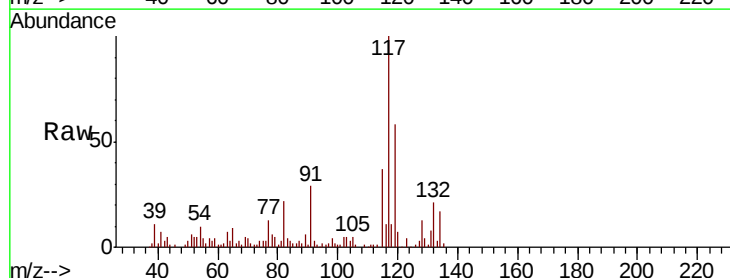
Tgt Ion: 77 Resp: 10502

Ion Ratio Lower Upper

77 100

123 34.1 31.2 46.8

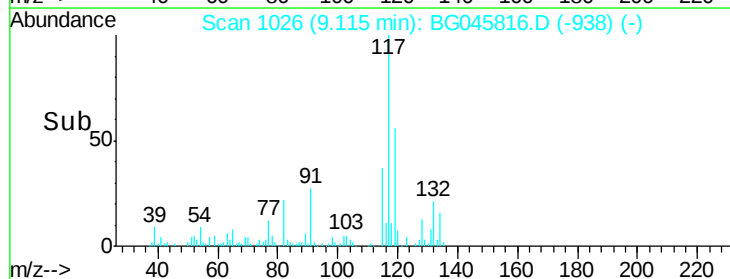
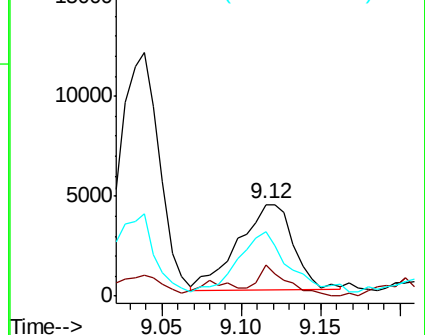
65 71.0 11.4 17.2#

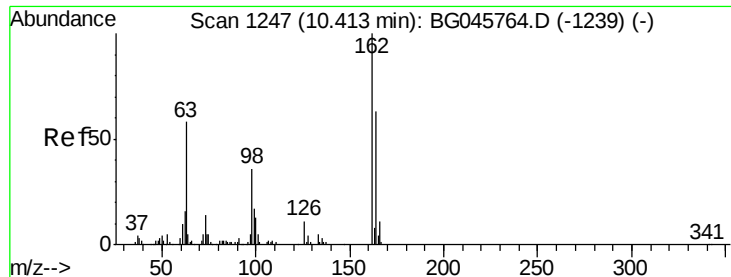


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

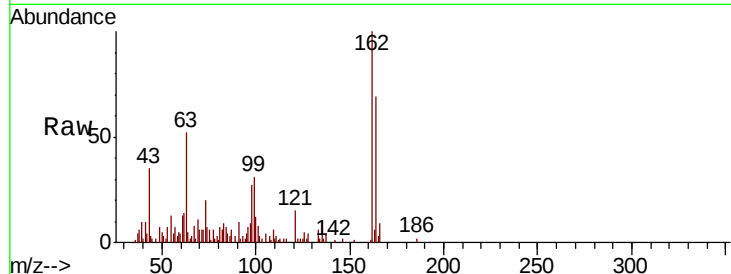




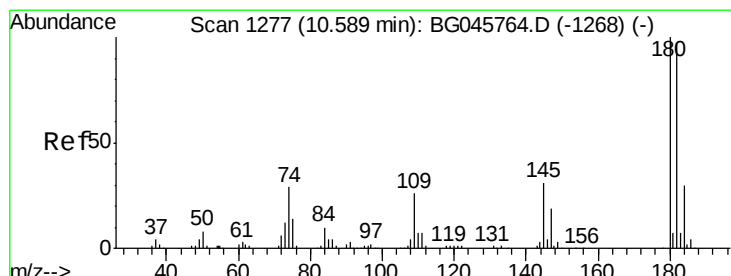
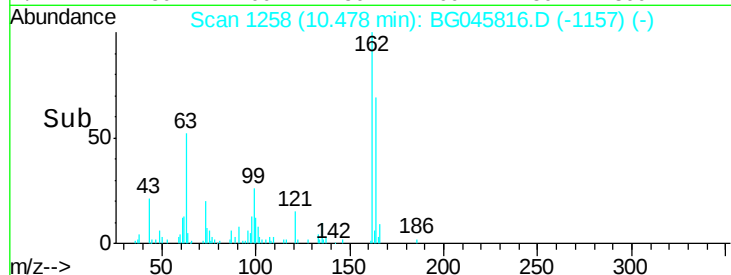
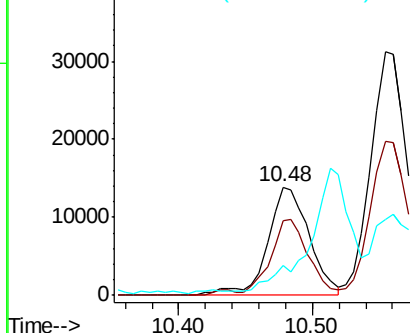
#29
2,4-Dichlorophenol
Concen: 8.214 ng
RT: 10.48 min Scan# 1258
Delta R.T. 0.06 min
Lab File: BG045816.D
Acq: 19 Jun 2020 15:26

Instrument :
BNA_G
ClientSampleId :
SS043MW009-200616

Tot Ion	Ratio	Lower	Upper
162	100		
164	69.1	43.3	83.3
98	27.1	15.5	55.5

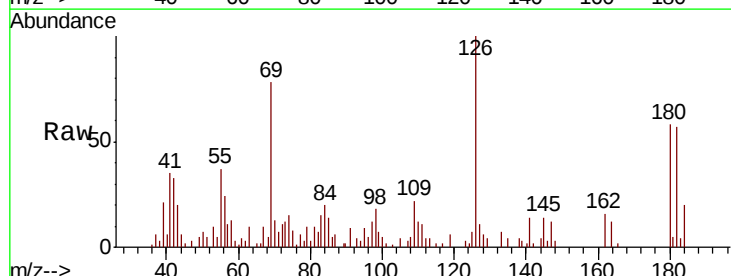


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B

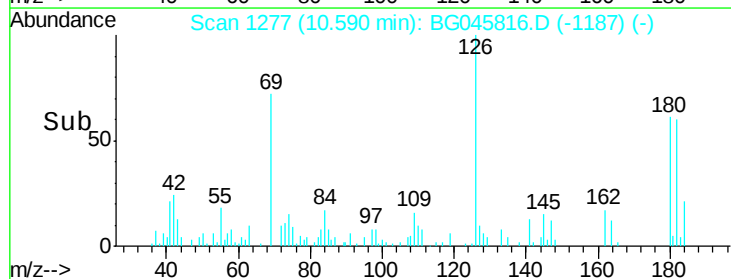
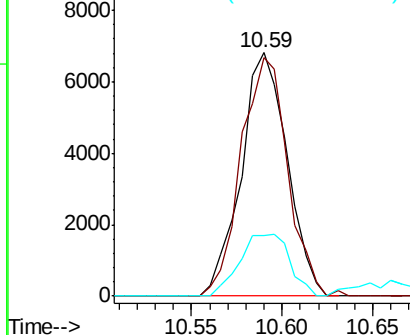


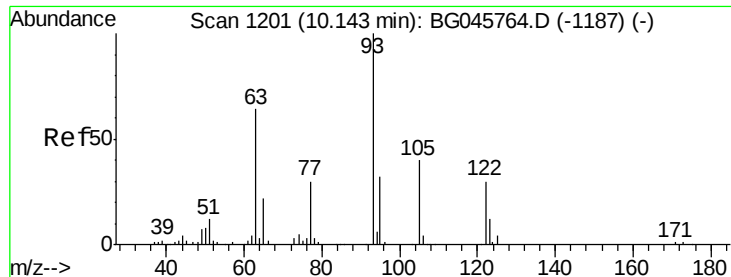
#30
1,2,4-Trichlorobenzene
Concen: 2.805 ng
RT: 10.59 min Scan# 1277
Delta R.T. 0.00 min
Lab File: BG045816.D
Acq: 19 Jun 2020 15:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.8	77.8	116.6
145	24.8	24.5	36.7



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

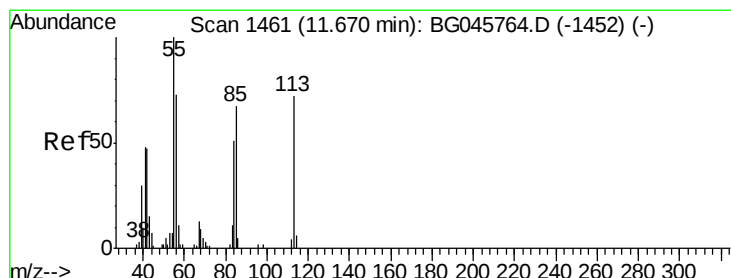
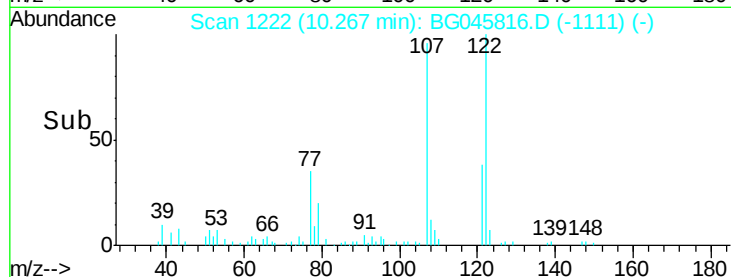
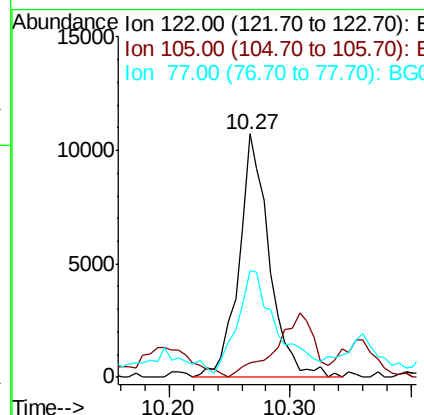
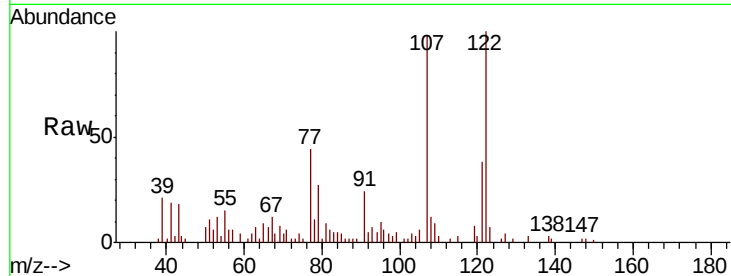




#32
Benzoic acid
Concen: 16.518 ng
RT: 10.27 min Scan# 1222
Delta R.T. 0.12 min
Lab File: BG045816.D
Acq: 19 Jun 2020 15:26

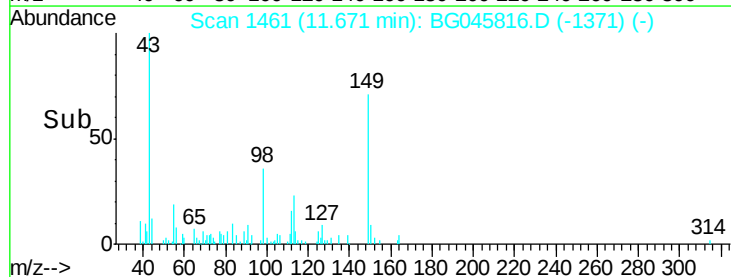
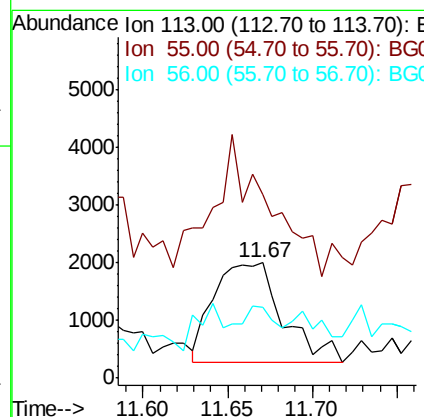
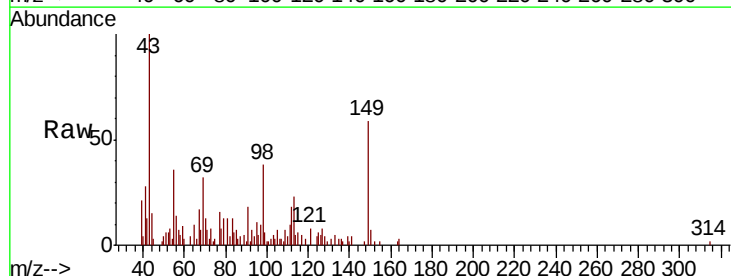
Instrument :
BNA_G
ClientSampleId :
SS043MW009-200616

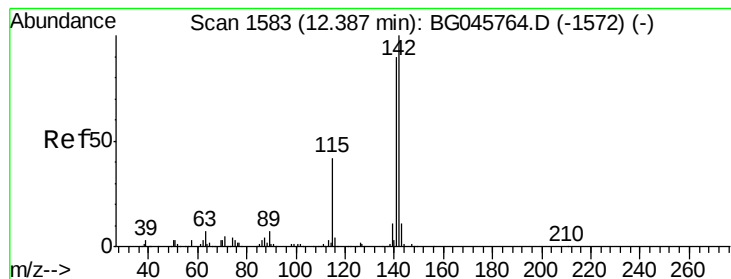
Tot Ion:122 Resp: 18786
Ion Ratio Lower Upper
122 100
105 5.7 112.9 152.9#
77 43.9 79.2 119.2#



#35
Caprolactam
Concen: 4.156 ng
RT: 11.67 min Scan# 1461
Delta R.T. 0.00 min
Lab File: BG045816.D
Acq: 19 Jun 2020 15:26

Tgt Ion:113 Resp: 4900
Ion Ratio Lower Upper
113 100
55 159.8 119.7 159.7#
56 62.0 82.5 122.5#





#37

2-Methylnaphthalene

Concen: 4.671 ng

RT: 12.60 min Scan# 1620

Delta R.T. 0.22 min

Lab File: BG045816.D

Acq: 19 Jun 2020 15:26

Instrument :

BNA_G

ClientSampleId :

SS043MW009-200616

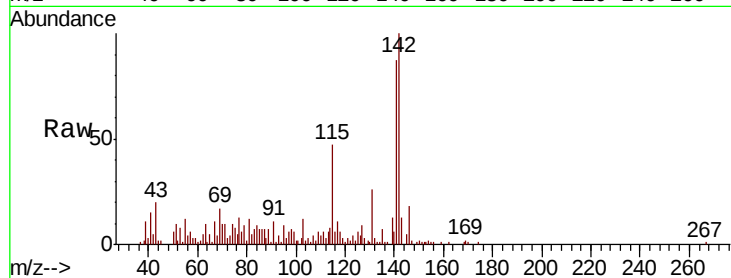
Tot Ion:142 Resp: 40000

Ion Ratio Lower Upper

142 100

141 87.0 71.7 107.5

115 46.6 33.8 50.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

12.60

25000

20000

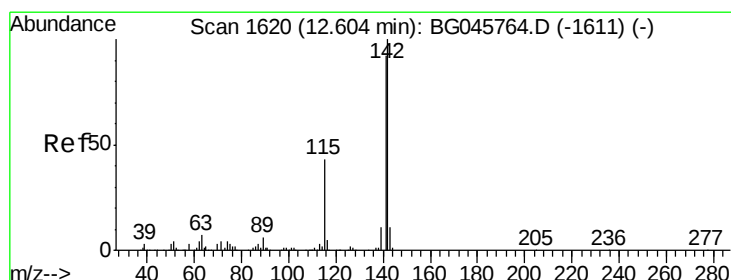
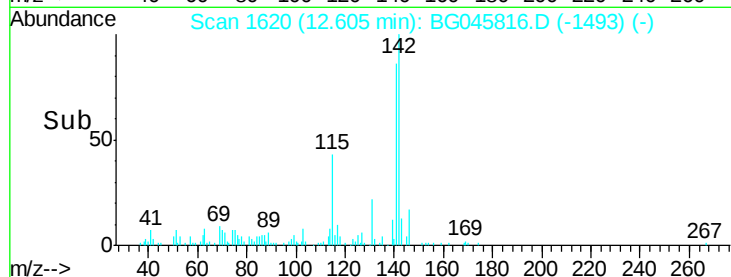
15000

10000

5000

0

Time-->



#38

1-Methylnaphthalene

Concen: 4.936 ng

RT: 12.60 min Scan# 1620

Delta R.T. 0.00 min

Lab File: BG045816.D

Acq: 19 Jun 2020 15:26

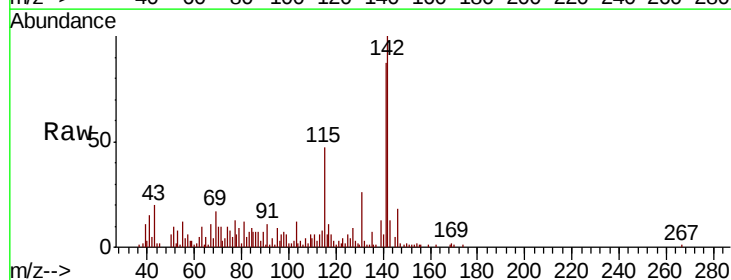
Tgt Ion:142 Resp: 40000

Ion Ratio Lower Upper

142 100

141 87.0 73.8 110.8

116 6.3 3.8 5.8#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

12.60

25000

20000

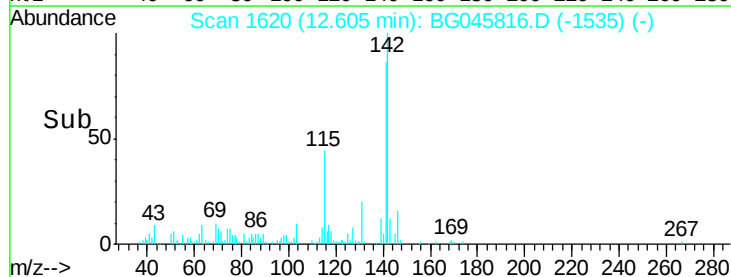
15000

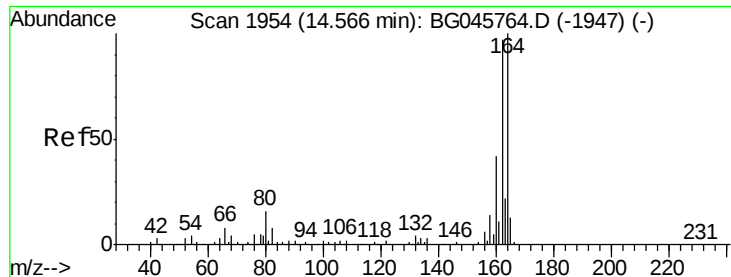
10000

5000

0

Time-->





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.57 min Scan# 1954

Delta R.T. 0.00 min

Lab File: BG045816.D

Acq: 19 Jun 2020 15:26

Instrument :

BNA_G

ClientSampleId :

SS043MW009-200616

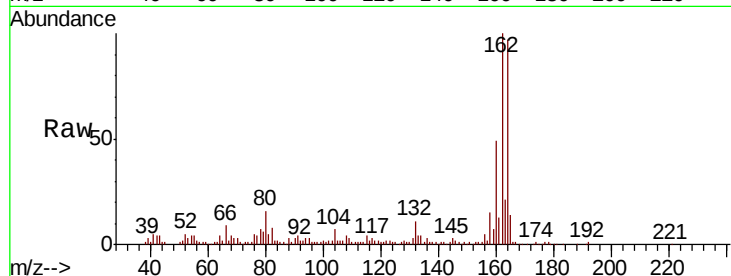
Tot Ion:164 Resp: 142319

Ion Ratio Lower Upper

164 100

162 102.6 77.4 116.0

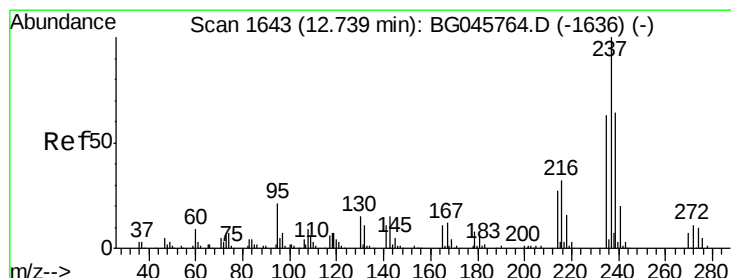
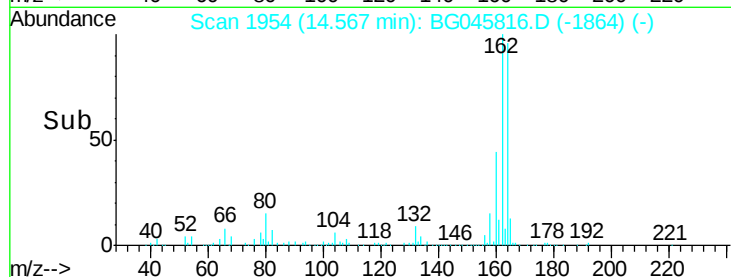
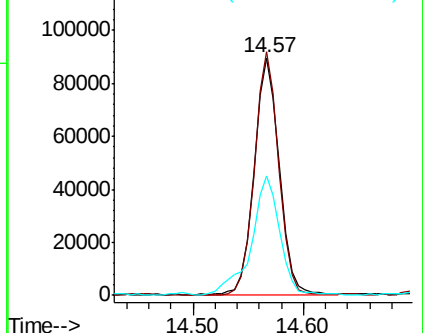
160 50.5 33.3 49.9#



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



#41

Hexachlorocyclopentadiene

Concen: 8.438 ng

RT: 12.42 min Scan# 1589

Delta R.T. -0.32 min

Lab File: BG045816.D

Acq: 19 Jun 2020 15:26

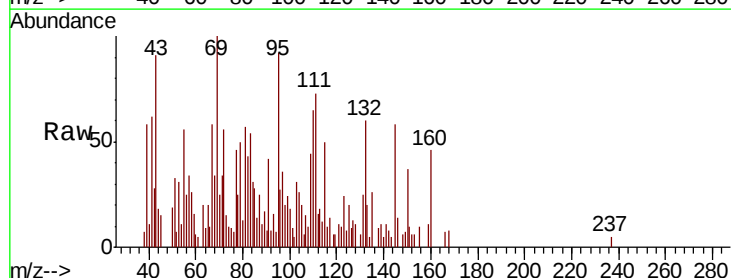
Tgt Ion:237 Resp: 54

Ion Ratio Lower Upper

237 100

235 0.0 42.9 82.9#

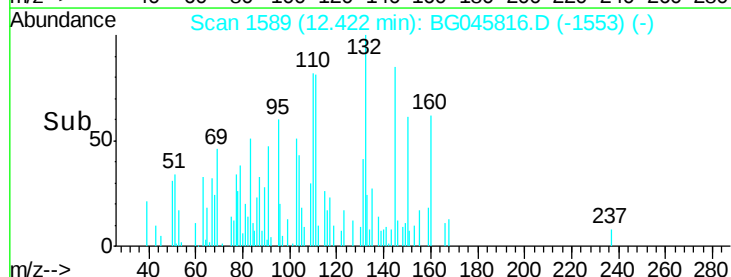
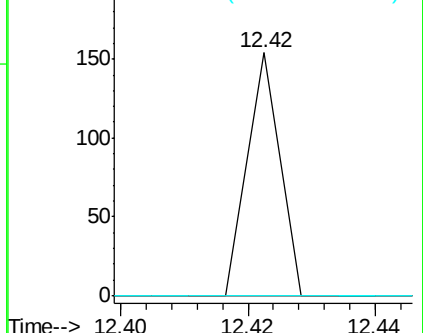
272 0.0 0.0 30.9

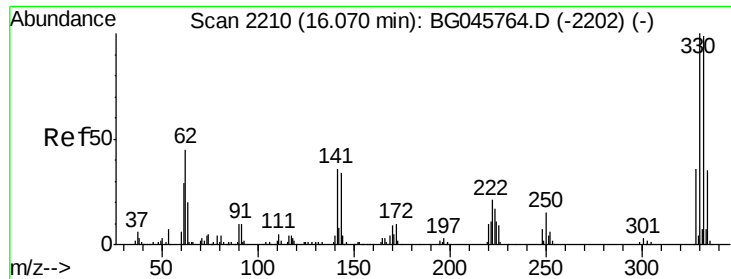


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#42

2,4,6-Tribromophenol

Concen: 140.054 ng

RT: 16.07 min Scan# 2210

Delta R.T. 0.00 min

Lab File: BG045816.D

Acq: 19 Jun 2020 15:26

Instrument :

BNA_G

ClientSampleId :

SS043MW009-200616

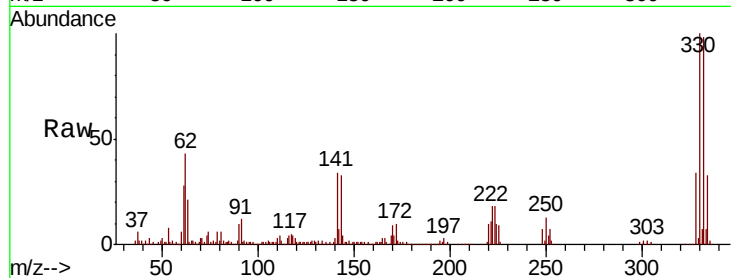
Tot Ion:330 Resp: 300927

Ion Ratio Lower Upper

330 100

332 97.5 78.6 117.8

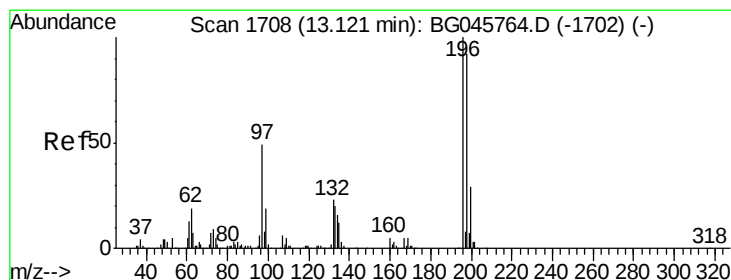
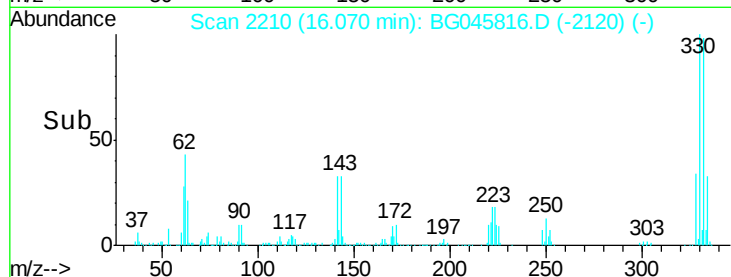
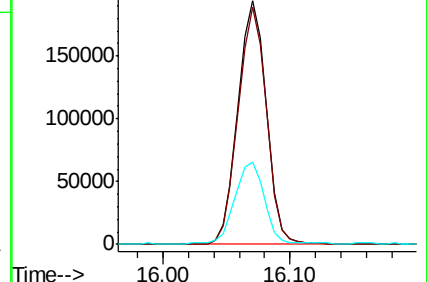
141 34.4 28.2 42.4



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



#44

2,4,5-Trichlorophenol

Concen: 3.053 ng

RT: 13.54 min Scan# 1779

Delta R.T. 0.42 min

Lab File: BG045816.D

Acq: 19 Jun 2020 15:26

Tgt Ion:196 Resp: 11054

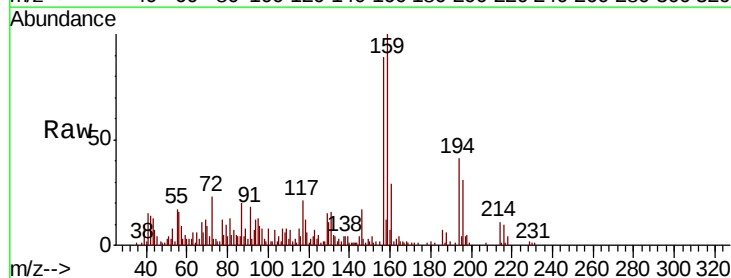
Ion Ratio Lower Upper

196 100

198 15.8 74.0 111.0#

97 24.9 39.0 58.6#

132 15.5 18.4 27.6#

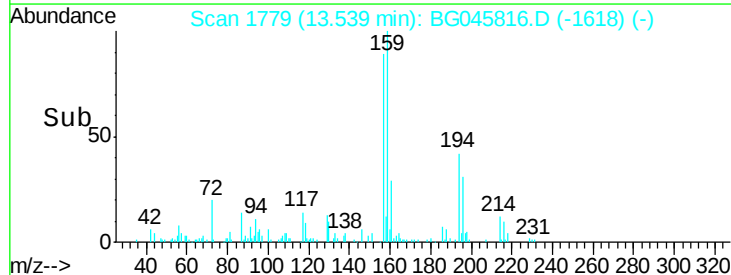
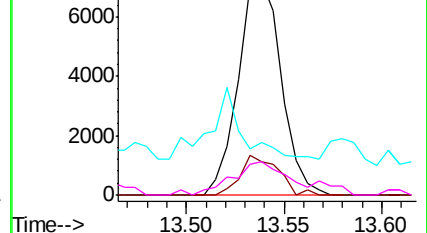


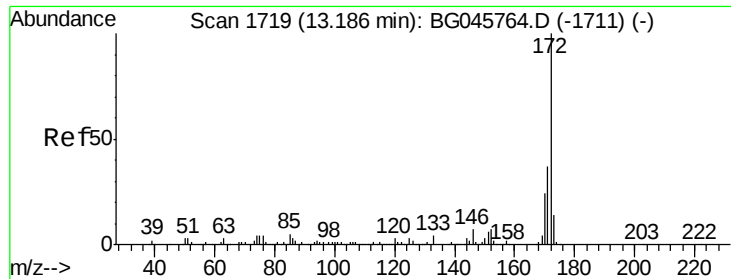
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

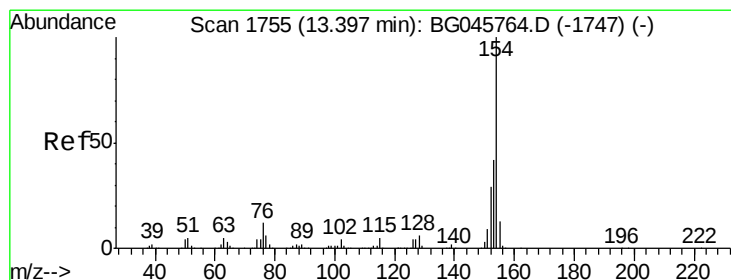
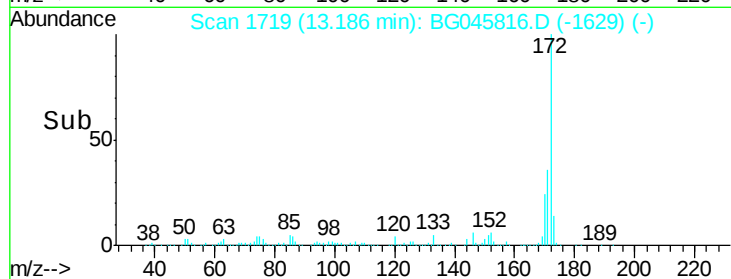
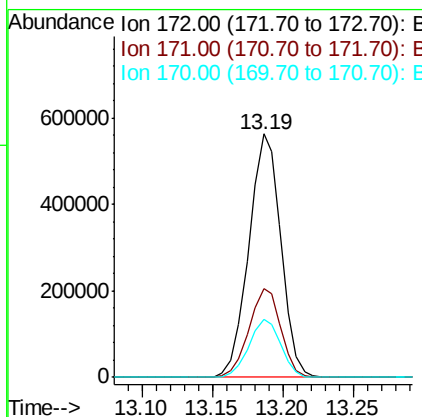
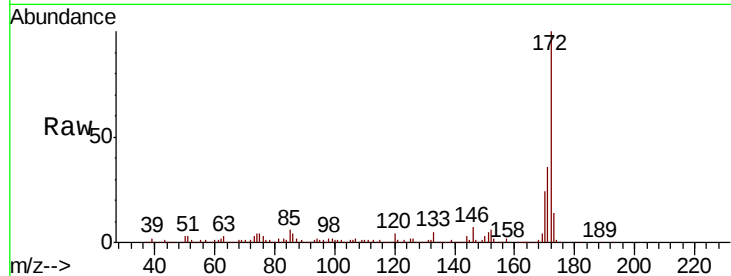




#45
2-Fluorobiphenyl
Concen: 92.450 ng
RT: 13.19 min Scan# 1719
Delta R.T. 0.00 min
Lab File: BG045816.D
Acq: 19 Jun 2020 15:26

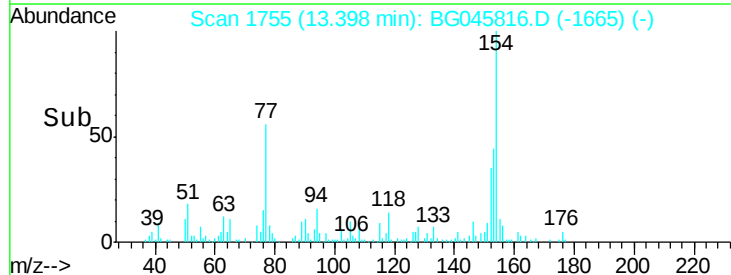
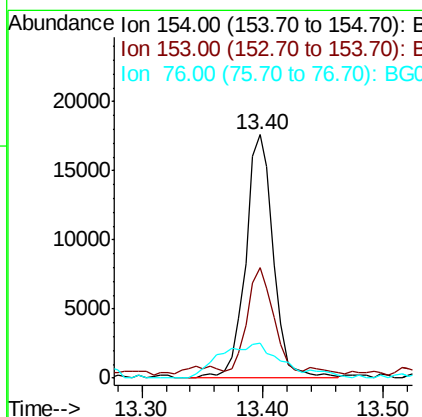
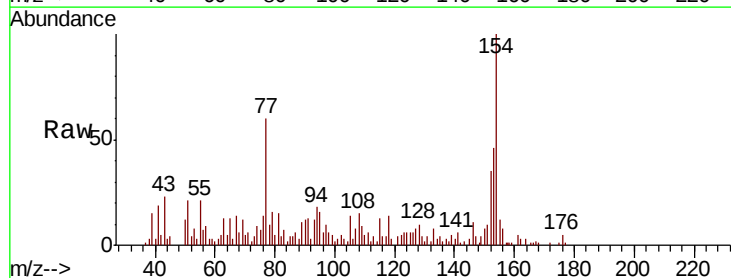
Instrument :
BNA_G
ClientSampleId :
SS043MW009-200616

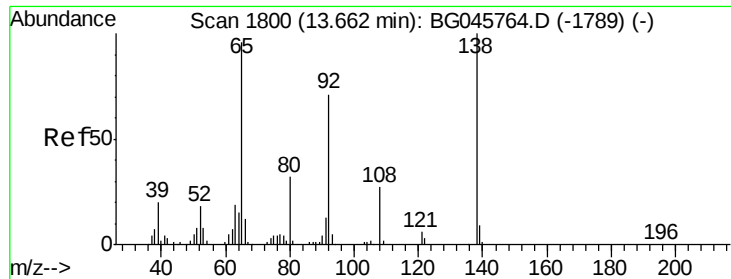
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.9	44.9
170	23.8	19.3	28.9



#46
1,1'-Biphenyl
Concen: 2.766 ng
RT: 13.40 min Scan# 1755
Delta R.T. 0.00 min
Lab File: BG045816.D
Acq: 19 Jun 2020 15:26

Tgt Ion	Ratio	Lower	Upper
154	100		
153	45.5	21.7	61.7
76	14.4	0.0	32.0





#48

2-Nitroaniline

Concen: 3.836 ng

RT: 13.64 min Scan# 1796

Delta R.T. -0.02 min

Lab File: BG045816.D

Acq: 19 Jun 2020 15:26

Instrument :

BNA_G

ClientSampleId :

SS043MW009-200616

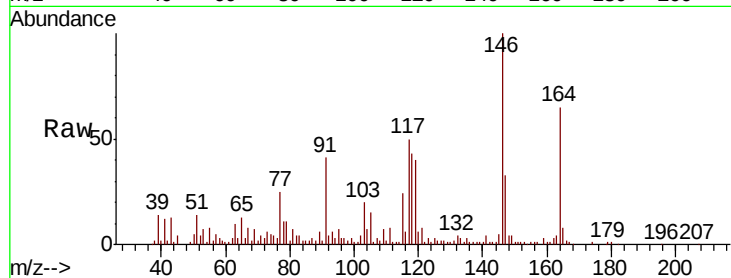
Tot Ion: 65 Resp: 10502

Ion Ratio Lower Upper

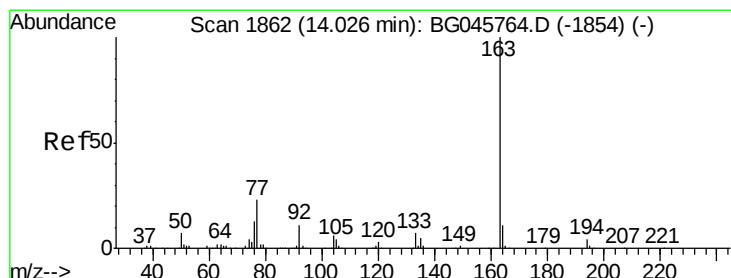
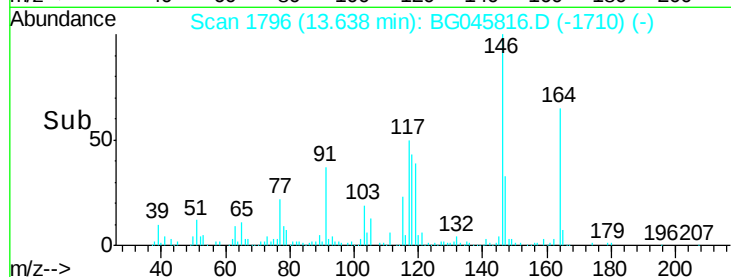
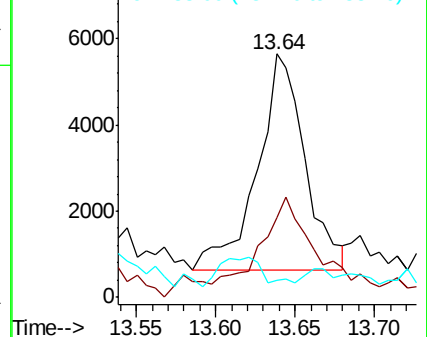
65 100

92 33.0 59.0 88.6#

138 7.1 83.6 125.4#



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#50

Dimethylphthalate

Concen: 7.412 ng

RT: 14.02 min Scan# 1861

Delta R.T. -0.01 min

Lab File: BG045816.D

Acq: 19 Jun 2020 15:26

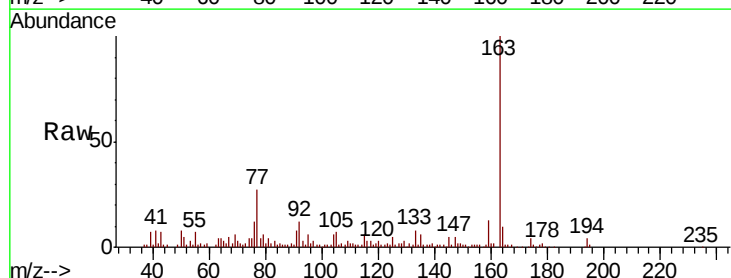
Tgt Ion: 163 Resp: 82635

Ion Ratio Lower Upper

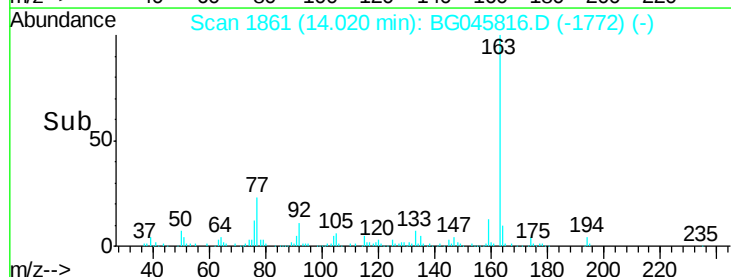
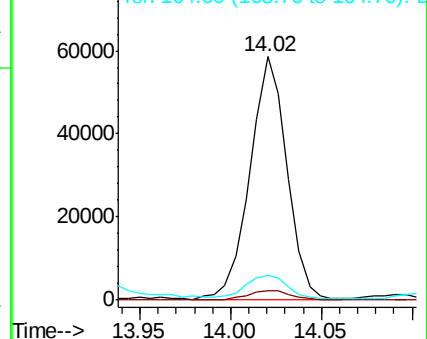
163 100

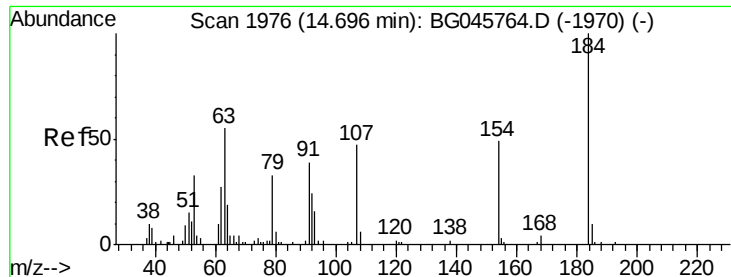
194 3.8 3.4 5.0

164 10.3 8.9 13.3



Abundance Ion 163.00 (162.70 to 163.70): BGC
Ion 194.00 (193.70 to 194.70): BGC
Ion 164.00 (163.70 to 164.70): BGC

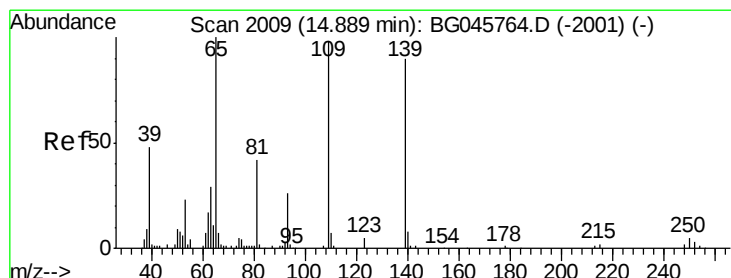
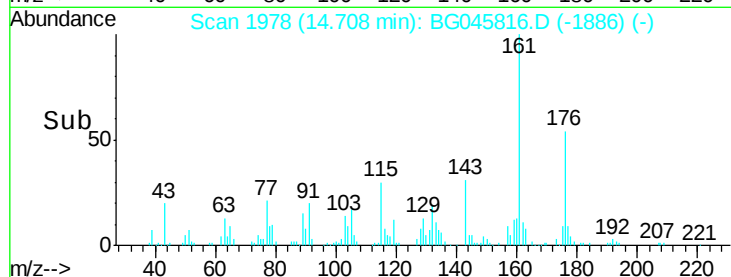
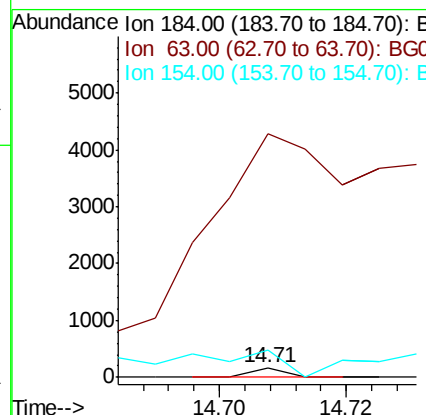
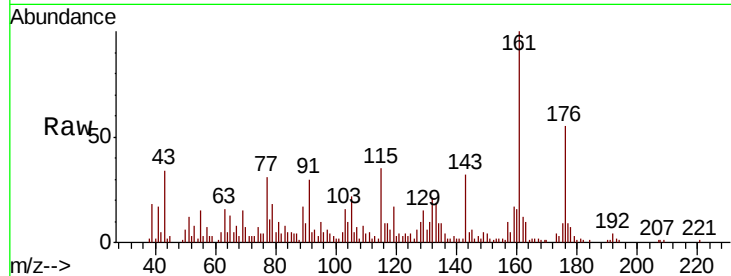




#54
 2,4-Dinitrophenol
 Concen: 9.863 ng
 RT: 14.71 min Scan# 1978
 Delta R.T. 0.01 min
 Lab File: BG045816.D
 Acq: 19 Jun 2020 15:26

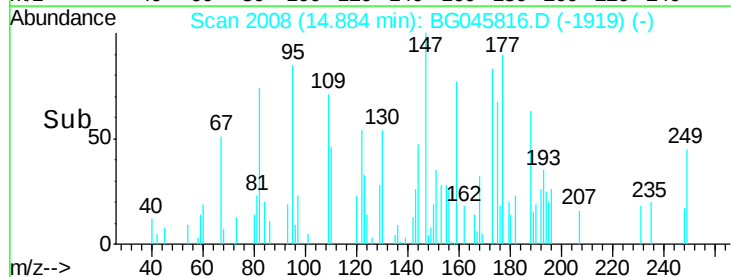
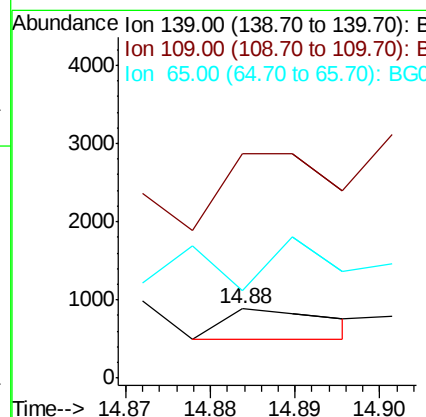
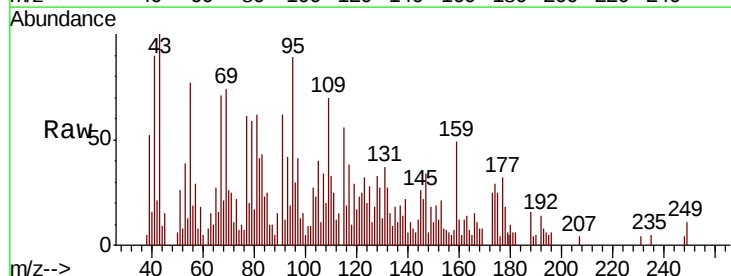
Instrument :
 BNA_G
 ClientSampleId :
 SS043MW009-200616

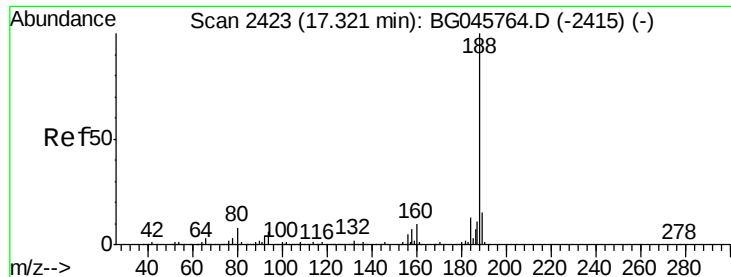
Tot Ion:184 Resp: 60
 Ion Ratio Lower Upper
 184 100
 63 2518.8 46.6 70.0#
 154 286.5 58.6 87.8#



#56
 4-Nitrophenol
 Concen: 4.154 ng
 RT: 14.88 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: BG045816.D
 Acq: 19 Jun 2020 15:26

Tgt Ion:139 Resp: 342
 Ion Ratio Lower Upper
 139 100
 109 323.2 88.9 128.9#
 65 126.0 92.3 132.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.32 min Scan# 2422

Delta R.T. -0.01 min

Lab File: BG045816.D

Acq: 19 Jun 2020 15:26

Instrument :

BNA_G

ClientSampleId :

SS043MW009-200616

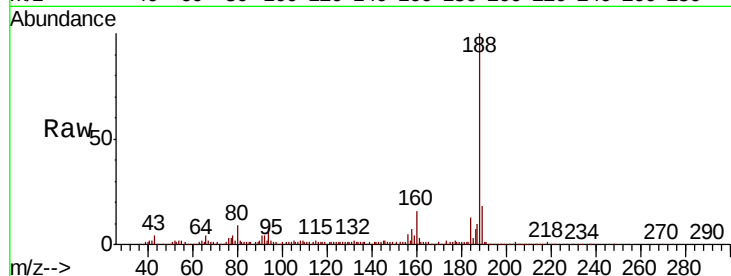
Tot Ion:188 Resp: 302109

Ion Ratio Lower Upper

188 100

94 7.7 5.1 7.7#

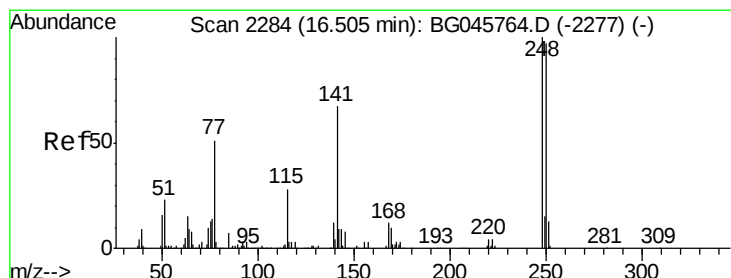
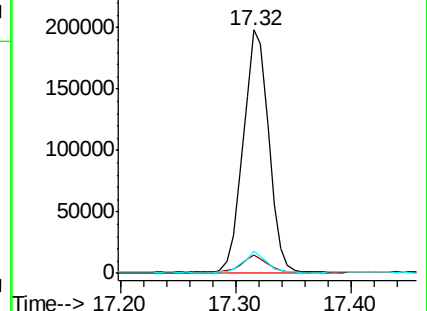
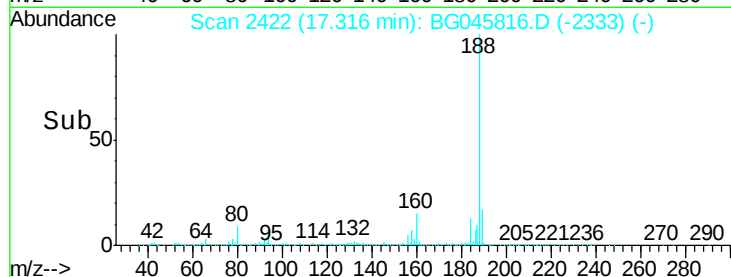
80 9.2 6.2 9.4



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: 4.965 ng

RT: 16.07 min Scan# 2210

Delta R.T. -0.43 min

Lab File: BG045816.D

Acq: 19 Jun 2020 15:26

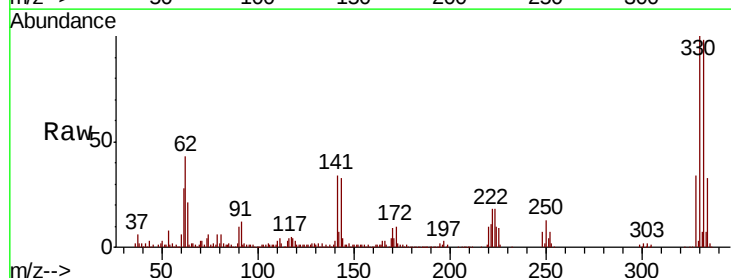
Tgt Ion:248 Resp: 19491

Ion Ratio Lower Upper

248 100

250 195.1 78.0 117.0#

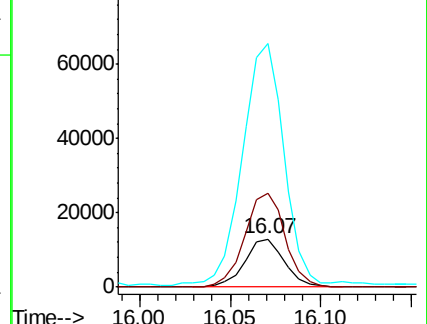
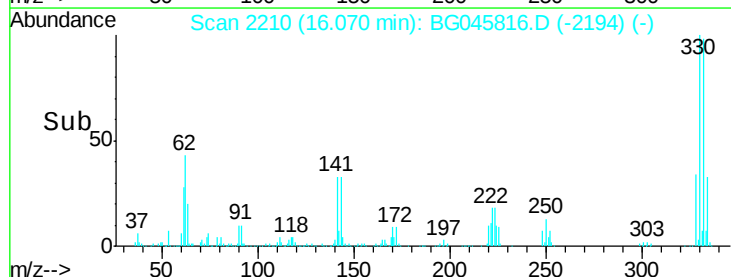
141 508.6 53.9 80.9#

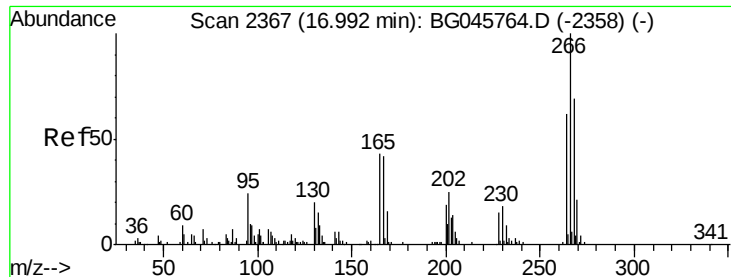


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

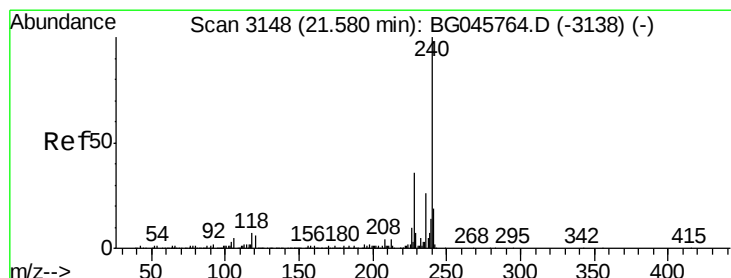
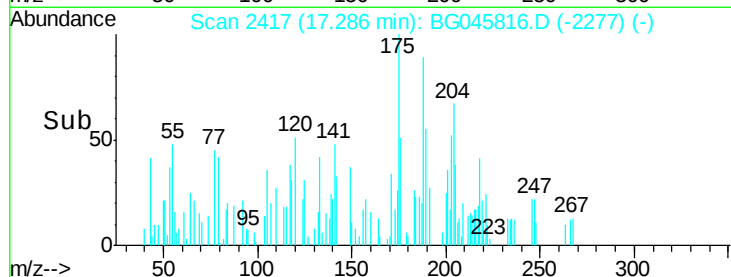
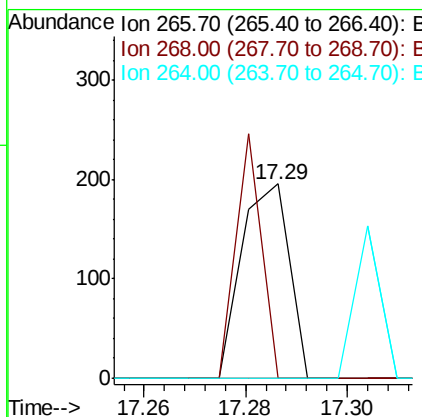
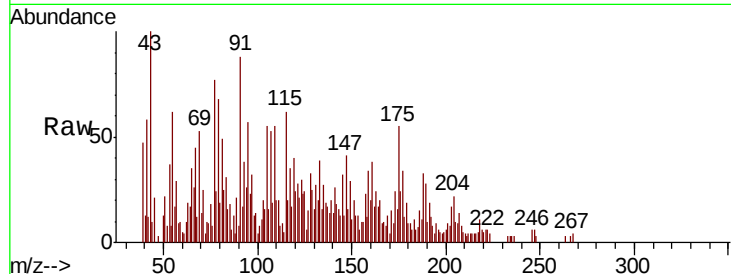




#70
 Pentachlorophenol
 Concen: 7.691 ng
 RT: 17.29 min Scan# 2417
 Delta R.T. 0.29 min
 Lab File: BG045816.D
 Acq: 19 Jun 2020 15:26

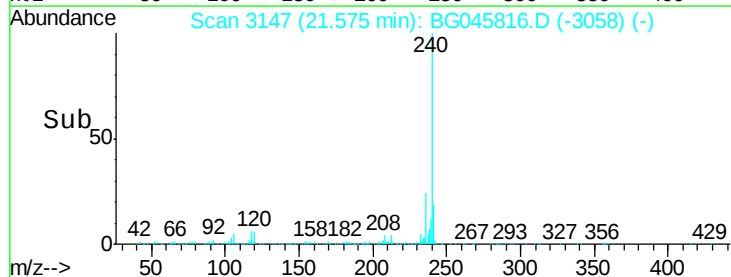
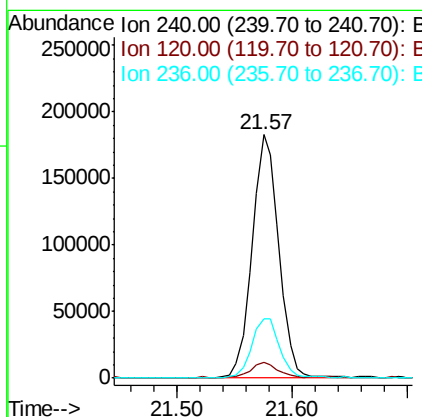
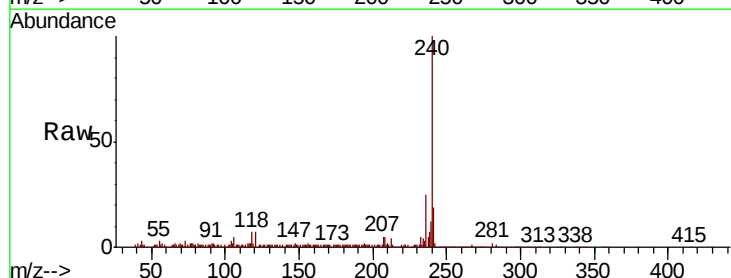
Instrument :
 BNA_G
 ClientSampleId :
 SS043MW009-200616

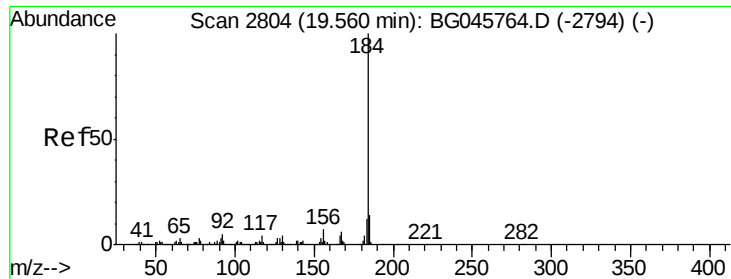
Tot Ion	Ratio	Lower	Upper
266	100		
268	0.0	55.4	83.0#
264	0.0	49.8	74.6#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.57 min Scan# 3147
 Delta R.T. -0.01 min
 Lab File: BG045816.D
 Acq: 19 Jun 2020 15:26

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.7	5.0	7.4
236	24.6	20.6	30.8





#77

Benzidine

Concen: 3.507 ng

RT: 19.94 min Scan# 2868

Delta R.T. 0.38 min

Lab File: BG045816.D

Acq: 19 Jun 2020 15:26

Instrument :

BNA_G

ClientSampleId :

SS043MW009-200616

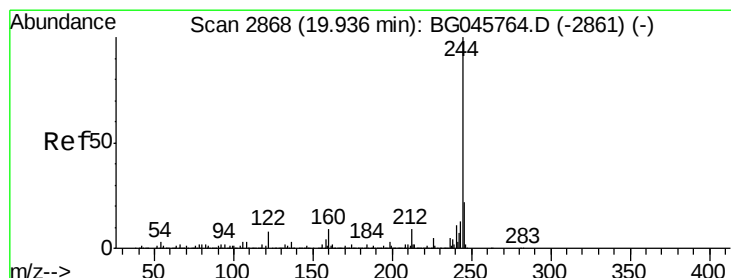
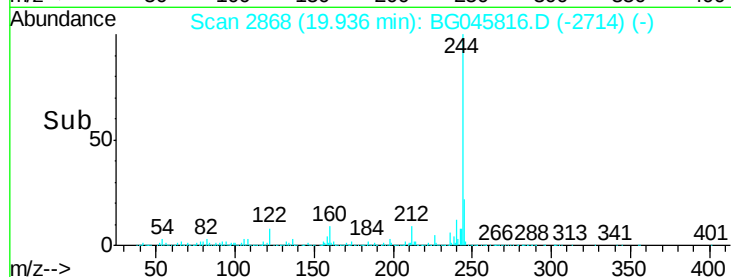
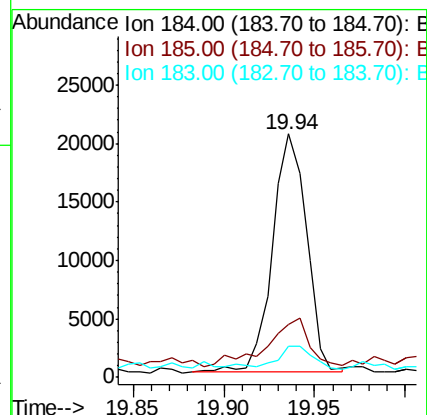
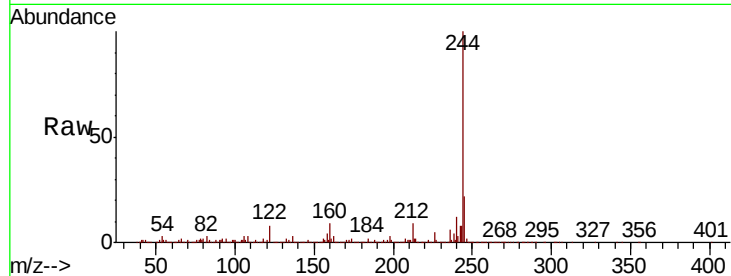
Tot Ion:184 Resp: 26642

Ion Ratio Lower Upper

184 100

185 21.7 11.1 16.7#

183 12.9 9.7 14.5



#79

Terphenyl-d14

Concen: 96.139 ng

RT: 19.94 min Scan# 2868

Delta R.T. 0.00 min

Lab File: BG045816.D

Acq: 19 Jun 2020 15:26

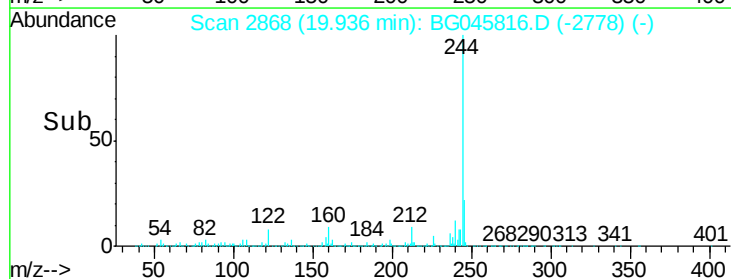
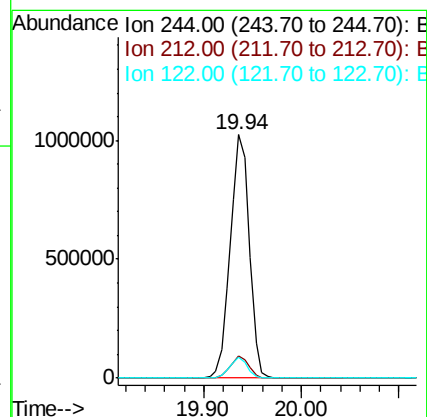
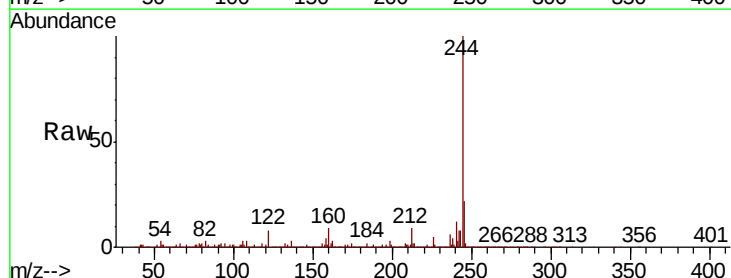
Tgt Ion:244 Resp: 1386224

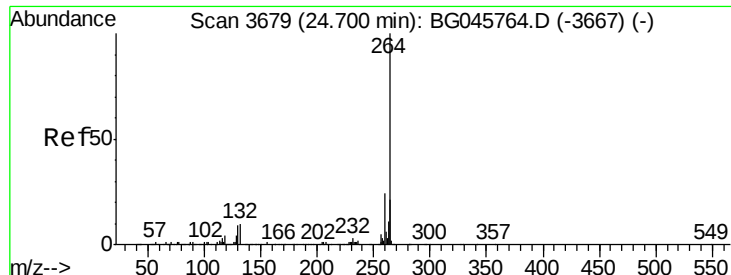
Ion Ratio Lower Upper

244 100

212 9.3 7.2 10.8

122 8.3 6.4 9.6





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.71 min Scan# 3680
Delta R.T. 0.01 min
Lab File: BG045816.D
Acq: 19 Jun 2020 15:26

Instrument :
BNA_G
ClientSampleId :
SS043MW009-200616

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.0	28.4
265	21.6	17.4	26.0

