

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062719\
 Data File : BG041483.D
 Acq On : 27 Jun 2019 9:56
 Operator : HP/JU
 Sample : K3500-02MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 27 11:22:48 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	30484	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	110210	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	79605	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	209879	20.00	ng	0.00
76) Chrysene-d12	21.70	240	220317	20.00	ng	0.00
87) Perylene-d12	24.99	264	233558	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.57	112	164931	96.46	ng	0.00
7) Phenol-d6	7.19	99	240512	99.92	ng	0.00
23) Nitrobenzene-d5	9.21	82	169380	64.10	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	134036	98.61	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	397852	64.14	ng	0.00
79) Terphenyl-d14	20.03	244	751762	72.51	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.40	88	17245	22.281	ng	99
3) Pyridine	3.82	79	23123	11.775	ng	93
4) n-Nitrosodimethylamine	3.75	42	29282	26.796	ng	87
6) Aniline	7.35	93	18262	5.886	ng	93
8) 2-Chlorophenol	7.59	128	60538	31.570	ng	98
9) Benzaldehyde	7.17	77	47255	32.508	ng	94
10) Phenol	7.21	94	79750	32.875	ng	97
11) bis(2-Chloroethyl)ether	7.45	93	52328	27.200	ng	98
12) 1,3-Dichlorobenzene	7.92	146	67035	27.024	ng	97
13) 1,4-Dichlorobenzene	8.06	146	69515	27.798	ng	97
14) 1,2-Dichlorobenzene	8.38	146	65897	27.522	ng	99
15) Benzyl Alcohol	8.28	79	53213	27.760	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.55	45	74032	27.403	ng	98
17) 2-Methylphenol	8.48	107	52828	29.916	ng	96
18) Hexachloroethane	9.11	117	27069	27.434	ng	94
19) n-Nitroso-di-n-propylamine	8.83	70	48952	27.265	ng	97
20) 3+4-Methylphenols	8.81	107	72903	30.975	ng	96
22) Acetophenone	8.86	105	100341	30.353	ng	98
24) Nitrobenzene	9.26	77	79480	29.965	ng	98
25) Isophorone	9.77	82	137163	28.911	ng	98
26) 2-Nitrophenol	9.97	139	34637	31.269	ng	93
27) 2,4-Dimethylphenol	10.01	122	52575	34.102	ng	95
28) bis(2-Chloroethoxy)methane	10.25	93	73048	29.118	ng	97
29) 2,4-Dichlorophenol	10.51	162	68401	32.848	ng	98
30) 1,2,4-Trichlorobenzene	10.71	180	78269	29.326	ng	96
31) Naphthalene	10.90	128	190741	31.295	ng	97
32) Benzoic acid	10.14	122	7412	14.189	ng	93
33) 4-Chloroaniline	11.03	127	19588	7.635	ng	95
34) Hexachlorobutadiene	11.16	225	60153	28.393	ng	98
35) Caprolactam	11.81	113	13812	21.243	ng	92
36) 4-Chloro-3-methylphenol	12.14	107	73144	32.419	ng	97
37) 2-Methylnaphthalene	12.51	142	139064	30.884	ng	96
38) 1-Methylnaphthalene	12.72	142	131832	30.689	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	108523	30.960	ng	100

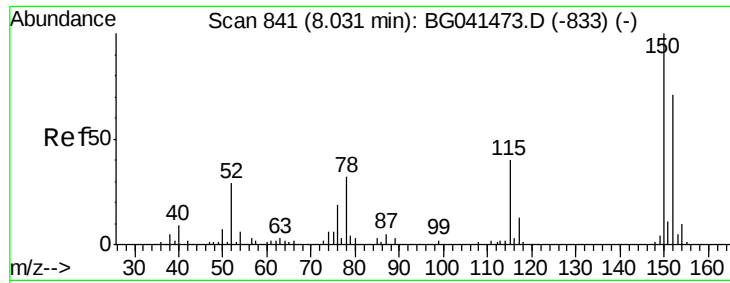
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062719\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	102558	55.115	ng	96
43) 2,4,6-Trichlorophenol	13.12	196	65984	31.728	ng	98
44) 2,4,5-Trichlorophenol	13.19	196	68500	33.061	ng	95
46) 1,1'-Biphenyl	13.51	154	189735	30.194	ng	96
47) 2-Chloronaphthalene	13.56	162	160269	29.707	ng	98
48) 2-Nitroaniline	13.78	65	51941	28.401	ng	95
49) Acenaphthylene	14.40	152	253158	31.394	ng	99
50) Dimethylphthalate	14.13	163	270462	37.335	ng	98
51) 2,6-Dinitrotoluene	14.26	165	47138	30.662	ng	88
52) Acenaphthene	14.74	154	143257	29.958	ng	98
53) 3-Nitroaniline	14.60	138	21172	14.426	ng	93
54) 2,4-Dinitrophenol	14.81	184	20282	27.141	ng	95
55) Dibenzofuran	15.07	168	257554	30.938	ng	99
56) 4-Nitrophenol	14.91	139	70371	74.298	ng	98
57) 2,4-Dinitrotoluene	15.05	165	66046	29.614	ng	# 96
58) Fluorene	15.73	166	207278	31.298	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.22	232	68668	31.438	ng	93
60) Diethylphthalate	15.48	149	216389	29.182	ng	99
61) 4-Chlorophenyl-phenylether	15.71	204	128057	29.977	ng	95
62) 4-Nitroaniline	15.77	138	39759	27.797	ng	95
63) Azobenzene	16.00	77	194938	31.181	ng	97
65) 4,6-Dinitro-2-methylphenol	15.81	198	25871	19.903	ng	94
66) n-Nitrosodiphenylamine	15.93	169	184853	32.002	ng	99
67) 4-Bromophenyl-phenylether	16.61	248	85539	29.824	ng	96
68) Hexachlorobenzene	16.72	284	90211	29.193	ng	98
69) Atrazine	16.87	200	79500	30.511	ng	98
70) Pentachlorophenol	17.07	266	101818	72.717	ng	94
71) Phenanthrene	17.47	178	362804	31.375	ng	98
72) Anthracene	17.56	178	370265	32.002	ng	99
73) Carbazole	17.84	167	312605	31.783	ng	98
74) Di-n-butylphthalate	18.36	149	367972	29.766	ng	99
75) Fluoranthene	19.47	202	469272	30.438	ng	98
77) Benzidine	19.67	184	29549	6.045	ng	97
78) Pyrene	19.84	202	474842	31.571	ng	99
80) Butylbenzylphthalate	20.70	149	167227	29.771	ng	98
81) Benzo(a)anthracene	21.68	228	464371	30.317	ng	99
82) 3,3'-Dichlorobenzidine	21.60	252	78236	14.750	ng	98
83) Chrysene	21.75	228	456471	30.788	ng	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	238239	29.917	ng	97
85) Di-n-octyl phthalate	22.76	149	409231	30.368	ng	99
86) Indeno(1,2,3-cd)pyrene	28.75	276	546797	30.457	ng	# 97
88) Benzo(b)fluoranthene	23.93	252	458067	30.749	ng	99
89) Benzo(k)fluoranthene	24.00	252	465805	31.849	ng	98
90) Benzo(a)pyrene	24.83	252	450581	31.847	ng	99
91) Dibenzo(a,h)anthracene	28.82	278	454193	32.043	ng	99
92) Benzo(g,h,i)perylene	29.96	276	459249	32.587	ng	98

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

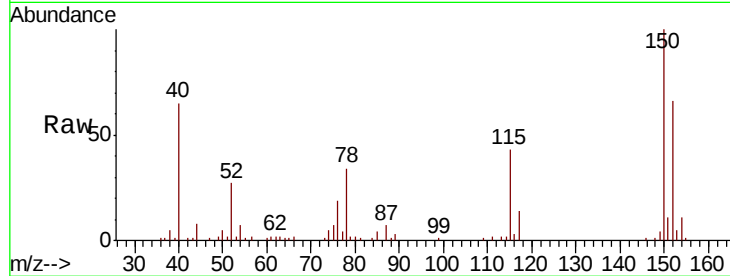


#1

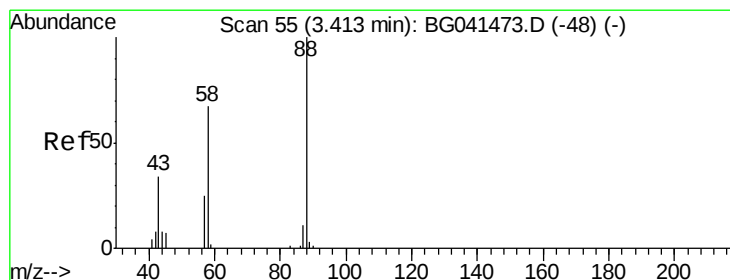
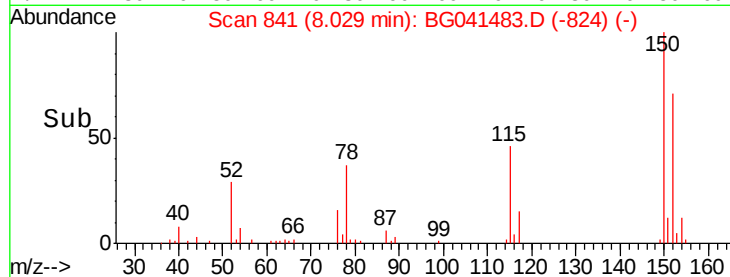
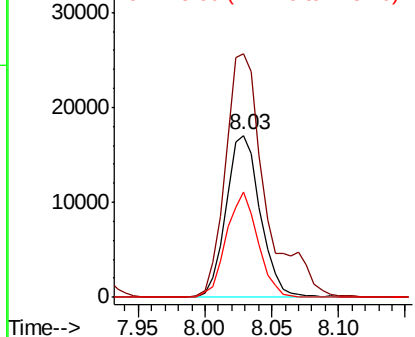
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG041483.D
Acq: 27 Jun 2019 9:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 30484
Ion Ratio Lower Upper
152 100
150 150.5 112.4 168.6
115 65.0 44.6 66.8



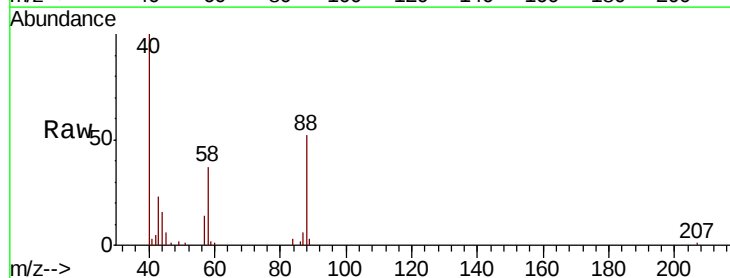
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



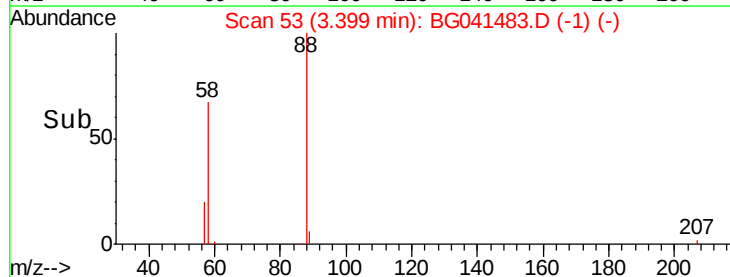
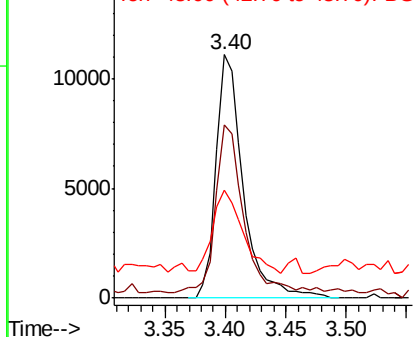
#2

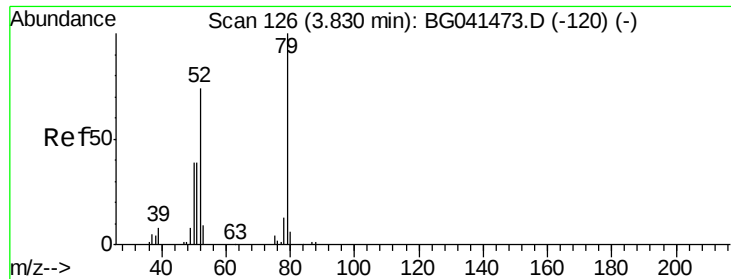
1,4-Dioxane
Concen: 22.281 ng
RT: 3.40 min Scan# 53
Delta R.T. -0.01 min
Lab File: BG041483.D
Acq: 27 Jun 2019 9:56

Tgt Ion: 88 Resp: 17245
Ion Ratio Lower Upper
88 100
58 70.0 55.8 83.8
43 36.8 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





#3

Pvridine

Concen: 11.775 ng

RT: 3.82 min Scan# 125

Delta R.T. -0.01 min

Lab File: BG041483.D

Acq: 27 Jun 2019 9:56

Instrument :

BNA_G

ClientSampled :

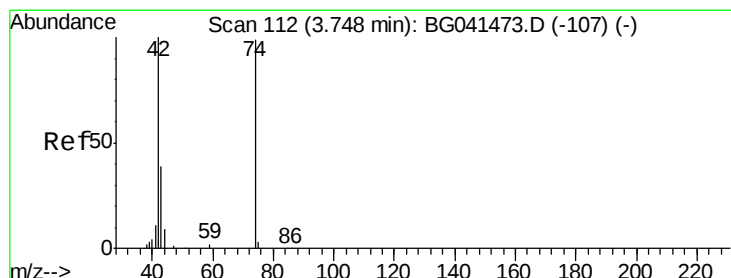
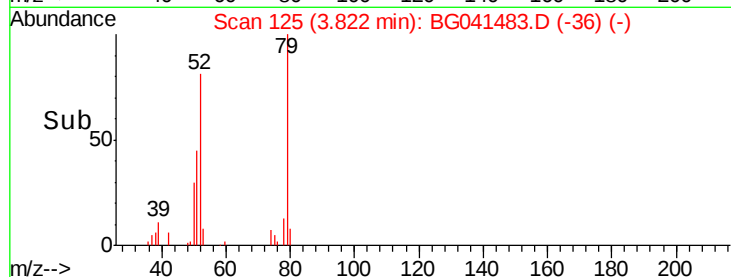
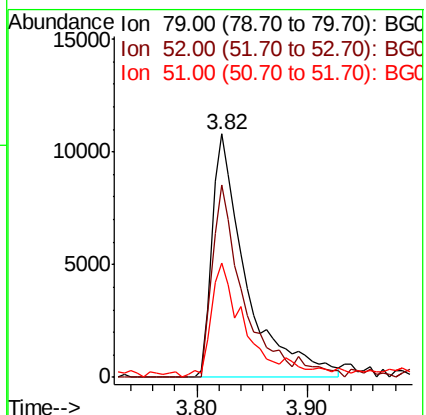
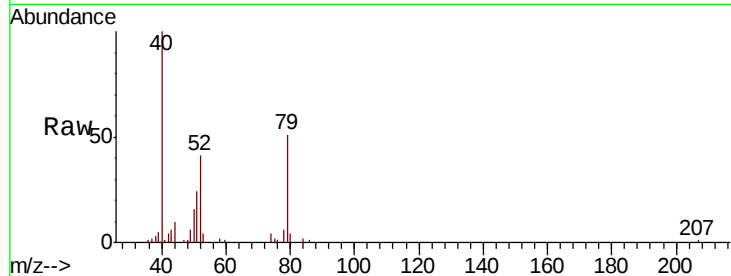
Tot Ion: 79 Resp: 23123

Ion Ratio Lower Upper

79 100

52 79.0 59.4 89.0

51 46.7 32.3 48.5



#4

n-Nitrosodimethylamine

Concen: 26.796 ng

RT: 3.75 min Scan# 112

Delta R.T. -0.00 min

Lab File: BG041483.D

Acq: 27 Jun 2019 9:56

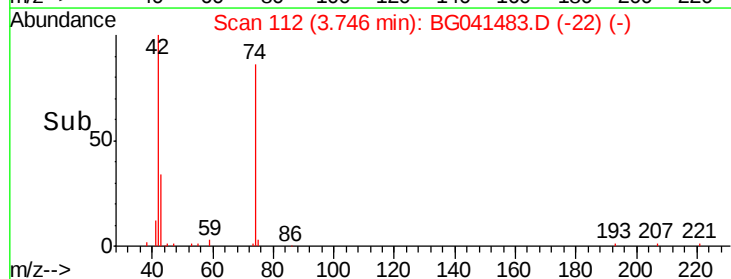
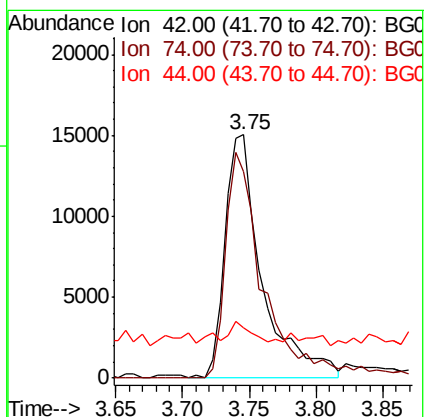
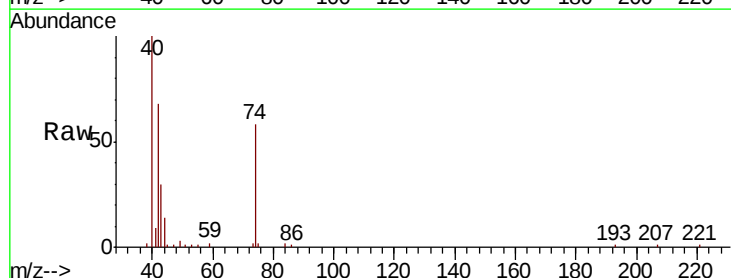
Tgt Ion: 42 Resp: 29282

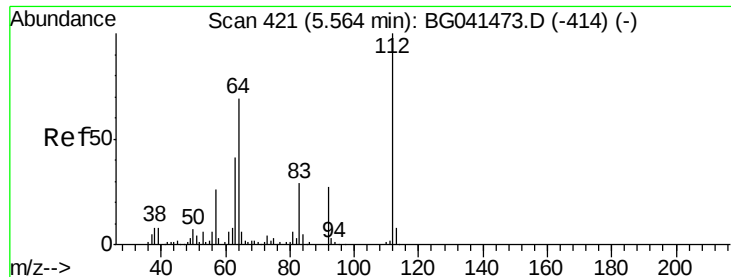
Ion Ratio Lower Upper

42 100

74 84.8 79.5 119.3

44 20.6 14.2 21.2





#5

2-Fluorophenol

Concen: 96.460 ng

RT: 5.57 min Scan# 422

Delta R.T. 0.00 min

Lab File: BG041483.D

Acq: 27 Jun 2019 9:56

Instrument :

BNA_G

ClientSampleId :

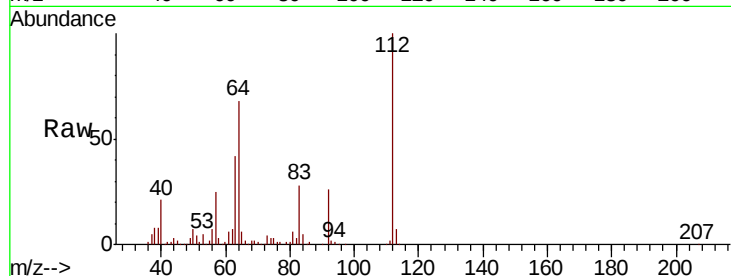
Tot Ion:112 Resp: 164931

Ion Ratio Lower Upper

112 100

64 68.1 55.1 82.7

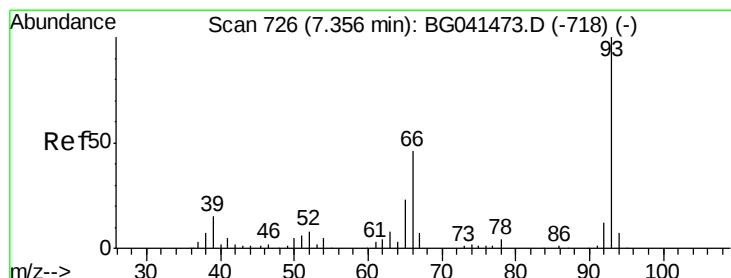
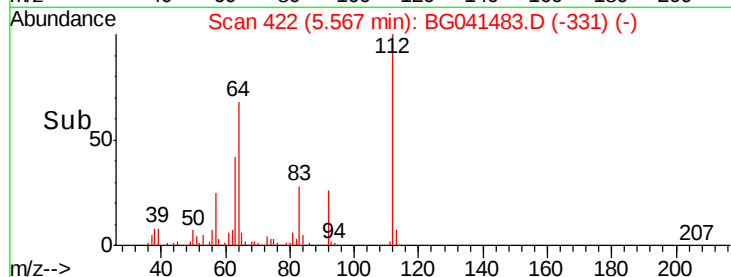
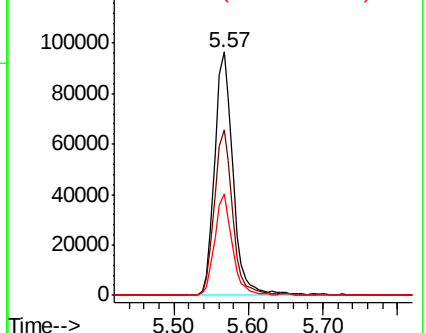
63 41.6 32.4 48.6



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



#6

Aniline

Concen: 5.886 ng

RT: 7.35 min Scan# 726

Delta R.T. -0.00 min

Lab File: BG041483.D

Acq: 27 Jun 2019 9:56

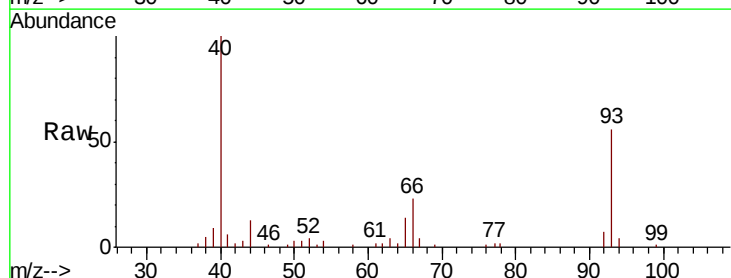
Tgt Ion: 93 Resp: 18262

Ion Ratio Lower Upper

93 100

66 41.1 37.4 56.0

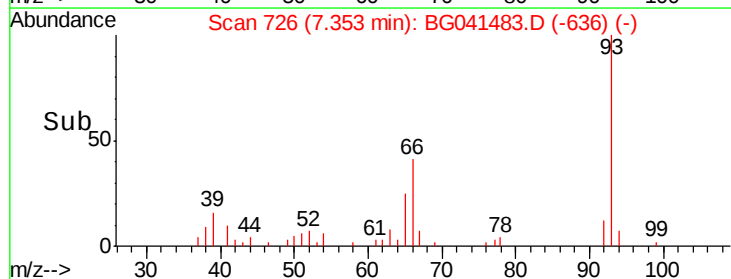
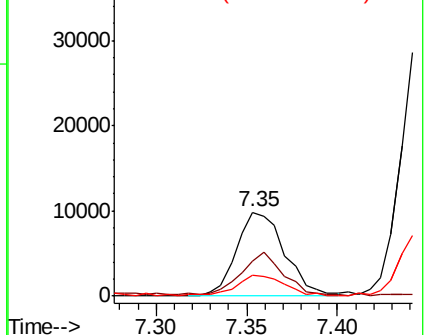
65 25.1 18.6 27.8

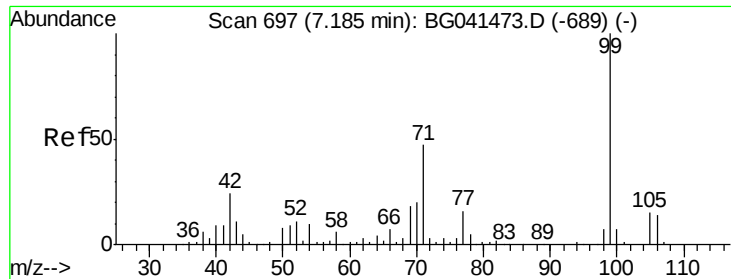


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 99.921 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG041483.D

Acq: 27 Jun 2019 9:56

Instrument :

BNA_G

ClientSampleId :

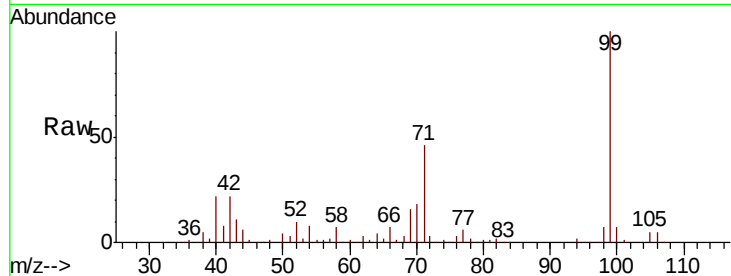
Tot Ion: 99 Resp: 240512

Ion Ratio Lower Upper

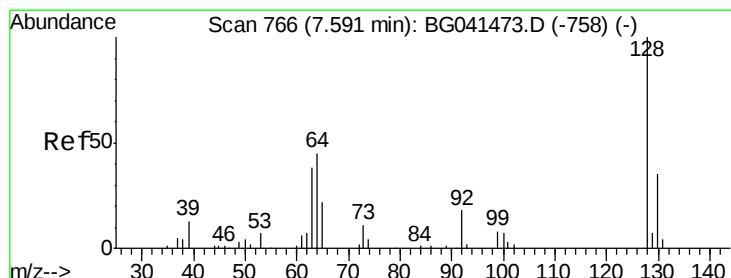
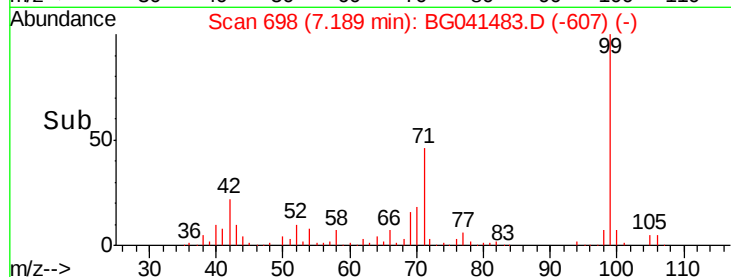
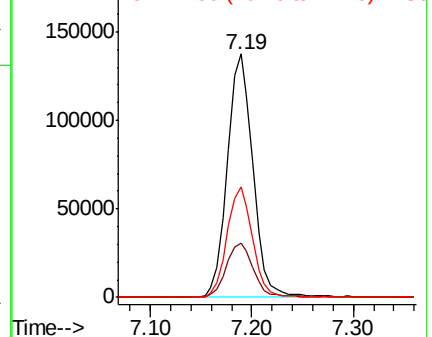
99 100

42 22.2 19.0 28.6

71 45.5 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



#8

2-Chlorophenol

Concen: 31.570 ng

RT: 7.59 min Scan# 766

Delta R.T. -0.00 min

Lab File: BG041483.D

Acq: 27 Jun 2019 9:56

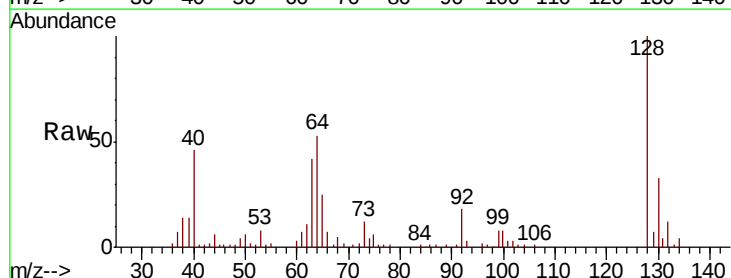
Tgt Ion: 128 Resp: 60538

Ion Ratio Lower Upper

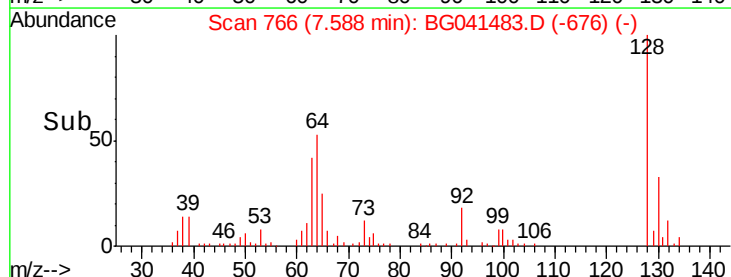
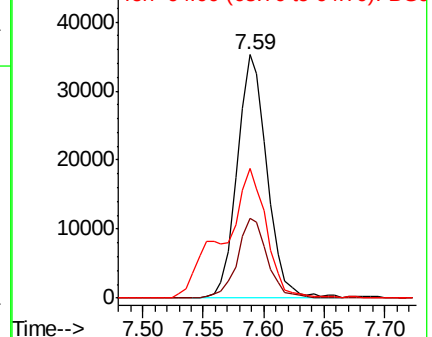
128 100

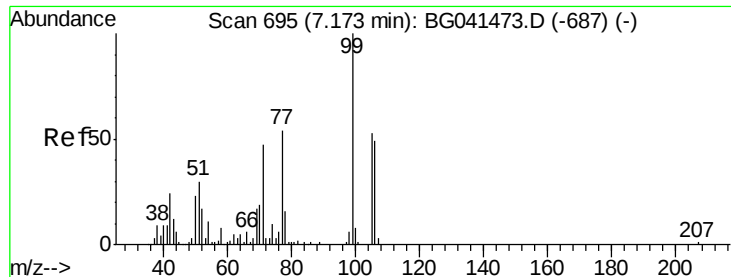
130 32.6 15.0 55.0

64 53.1 33.3 73.3



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 32.508 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG041483.D

Acq: 27 Jun 2019 9:56

Instrument :

BNA_G

ClientSampled :

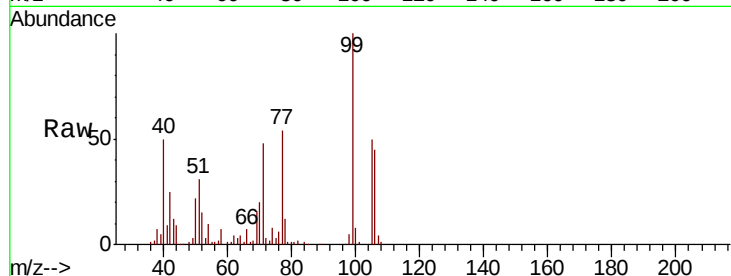
Tot Ion: 77 Resp: 47255

Ion Ratio Lower Upper

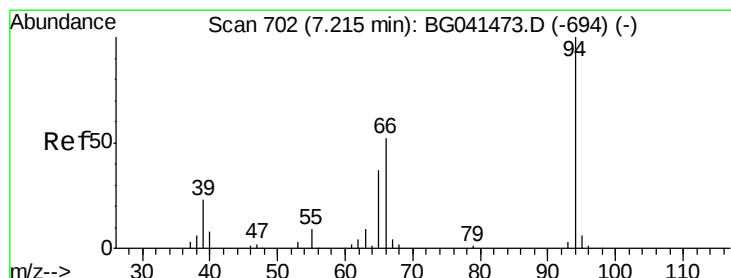
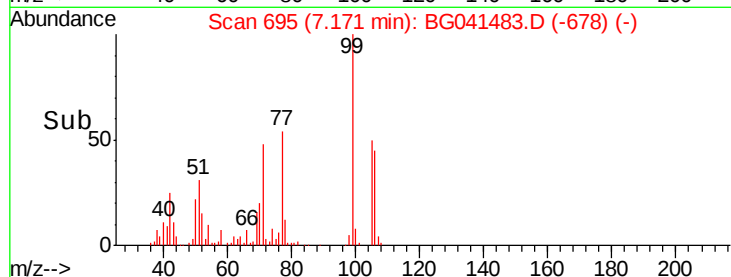
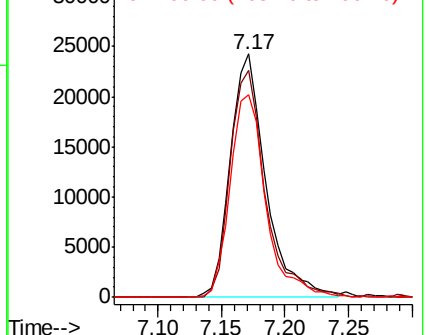
77 100

105 93.3 77.8 117.8

106 83.1 70.1 110.1



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 32.875 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.00 min

Lab File: BG041483.D

Acq: 27 Jun 2019 9:56

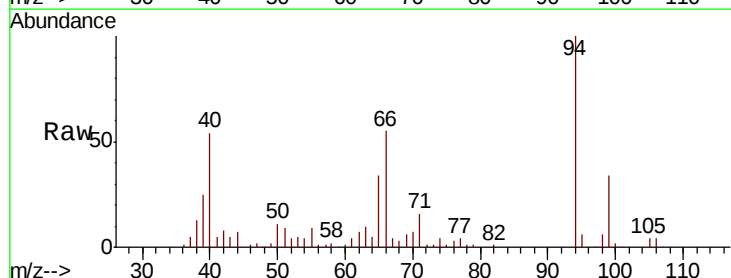
Tgt Ion: 94 Resp: 79750

Ion Ratio Lower Upper

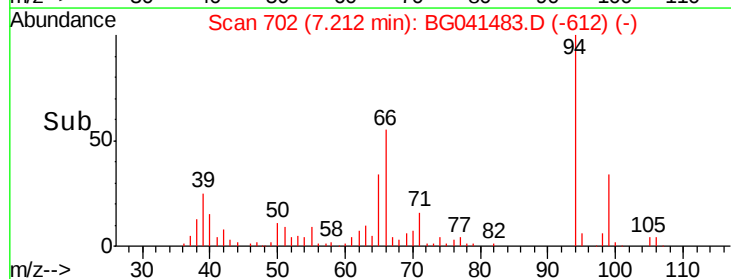
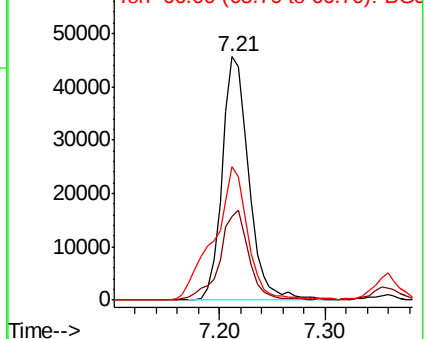
94 100

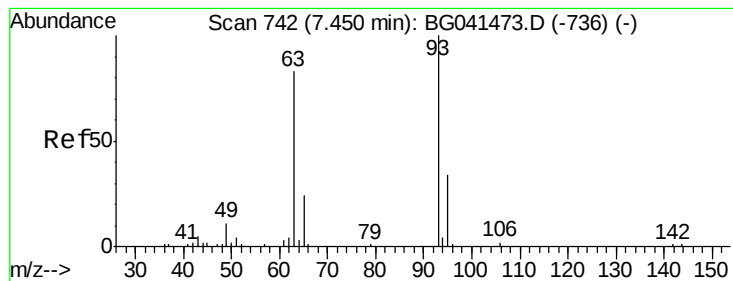
65 34.5 17.9 57.9

66 54.9 34.4 74.4



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 27.200 ng

RT: 7.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BG041483.D

Acq: 27 Jun 2019 9:56

Instrument :

BNA_G

ClientSampleId :

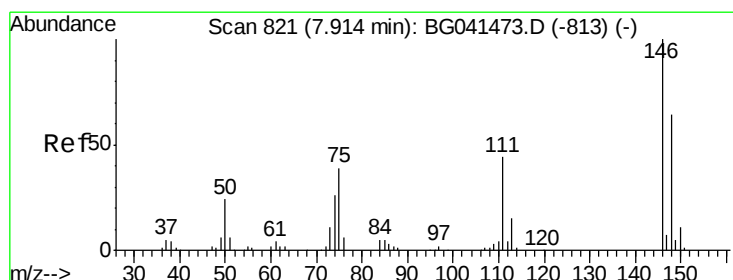
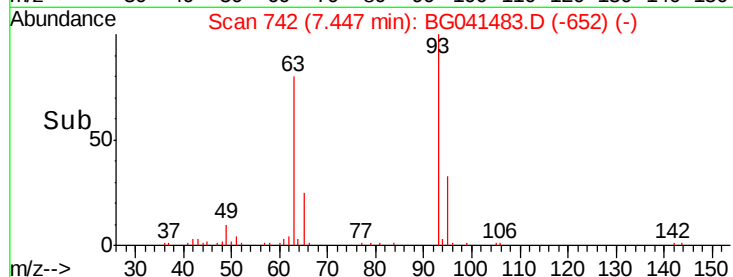
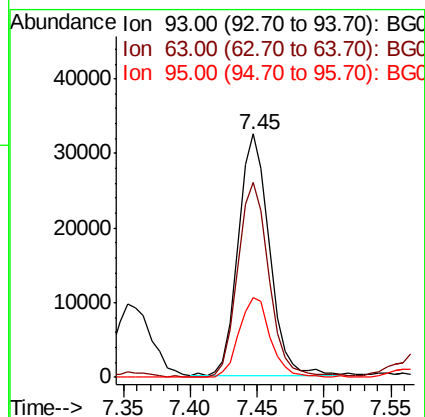
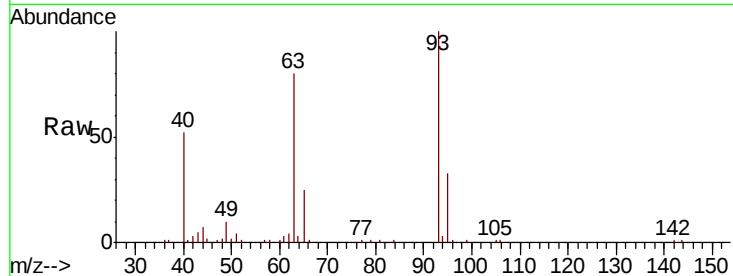
Tot Ion: 93 Resp: 52328

Ion Ratio Lower Upper

93 100

63 80.2 62.0 102.0

95 32.9 13.0 53.0



#12

1,3-Dichlorobenzene

Concen: 27.024 ng

RT: 7.92 min Scan# 822

Delta R.T. 0.00 min

Lab File: BG041483.D

Acq: 27 Jun 2019 9:56

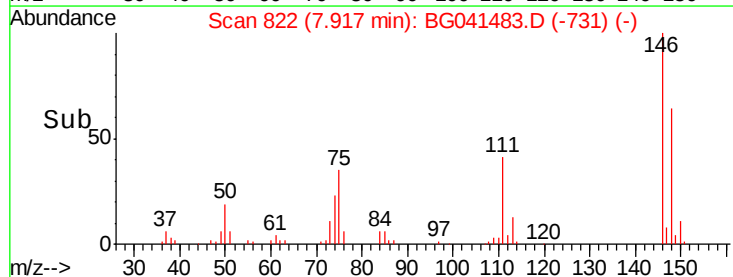
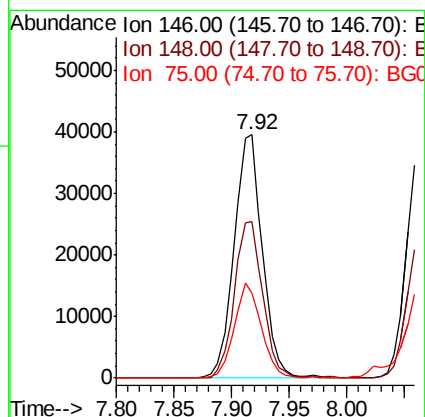
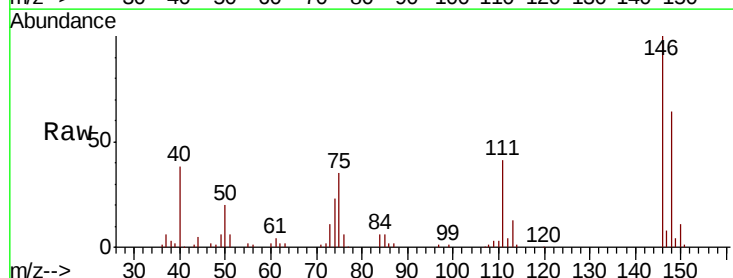
Tgt Ion: 146 Resp: 67035

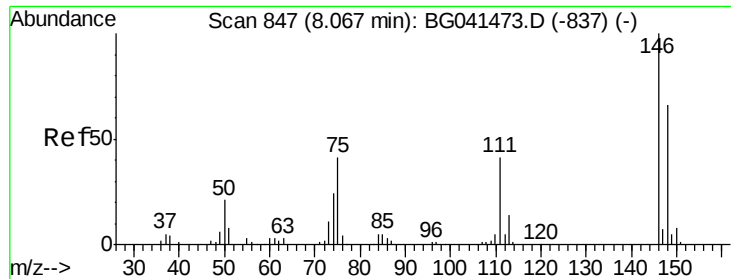
Ion Ratio Lower Upper

146 100

148 64.3 51.1 76.7

75 35.0 31.0 46.6

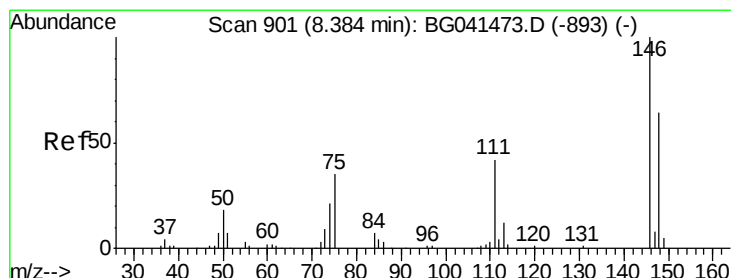
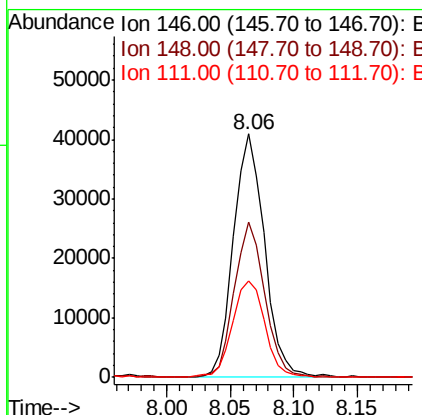
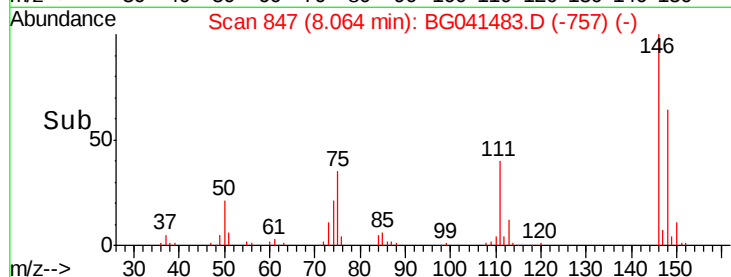
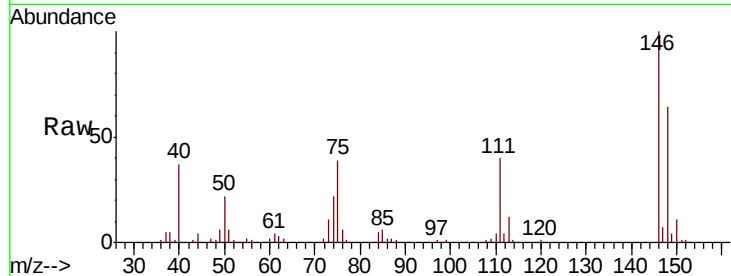




#13
 1,4-Dichlorobenzene
 Concen: 27.798 ng
 RT: 8.06 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: BG041483.D
 Acq: 27 Jun 2019 9:56

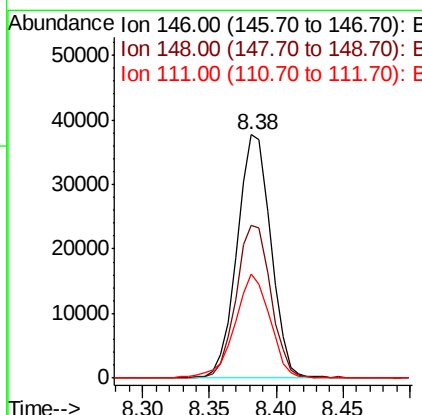
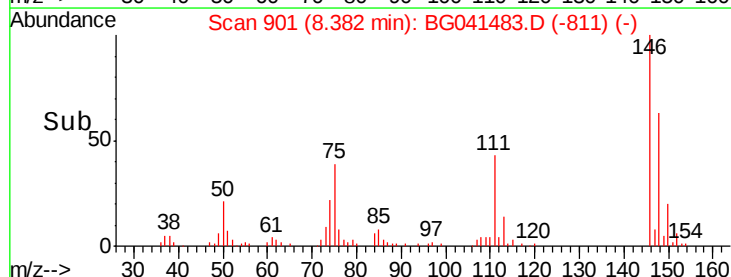
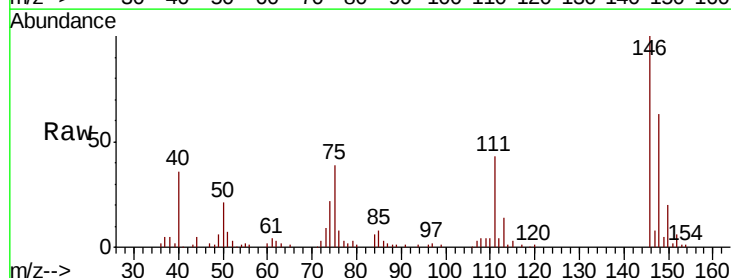
Instrument :
 BNA_G
 ClientSampleId :

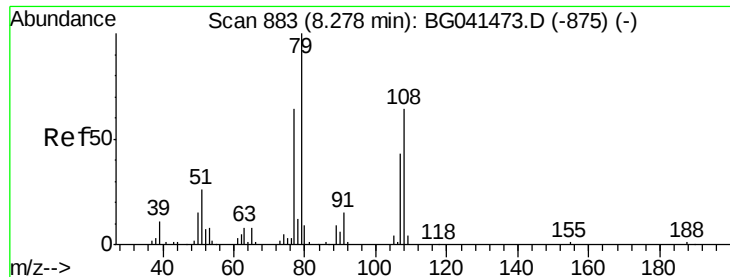
Tot Ion:146 Resp: 69515
 Ion Ratio Lower Upper
 146 100
 148 63.7 52.8 79.2
 111 39.7 33.1 49.7



#14
 1,2-Dichlorobenzene
 Concen: 27.522 ng
 RT: 8.38 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: BG041483.D
 Acq: 27 Jun 2019 9:56

Tgt Ion:146 Resp: 65897
 Ion Ratio Lower Upper
 146 100
 148 62.9 51.3 76.9
 111 42.7 34.3 51.5





#15

Benzyl Alcohol

Concen: 27.760 ng

RT: 8.28 min Scan# 883

Delta R.T. -0.00 min

Lab File: BG041483.D

Acq: 27 Jun 2019 9:56

Instrument :

BNA_G

ClientSampleId :

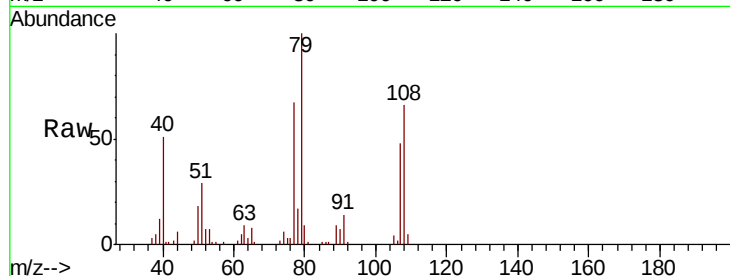
Tot Ion: 79 Resp: 53213

Ion Ratio Lower Upper

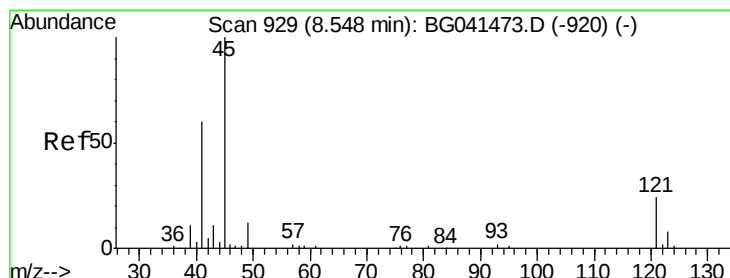
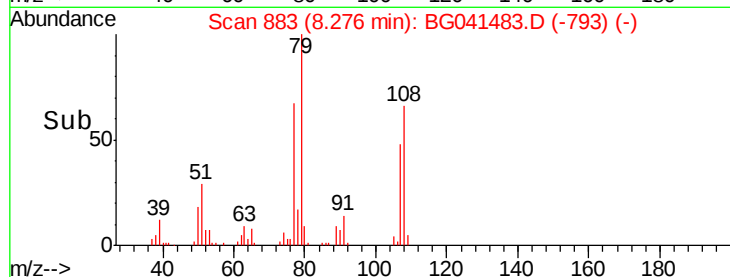
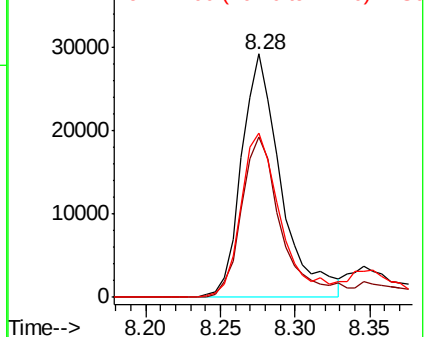
79 100

108 65.7 51.4 77.0

77 67.2 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



#16

2,2'-oxybis(1-chloropropane)

Concen: 27.403 ng

RT: 8.55 min Scan# 930

Delta R.T. 0.00 min

Lab File: BG041483.D

Acq: 27 Jun 2019 9:56

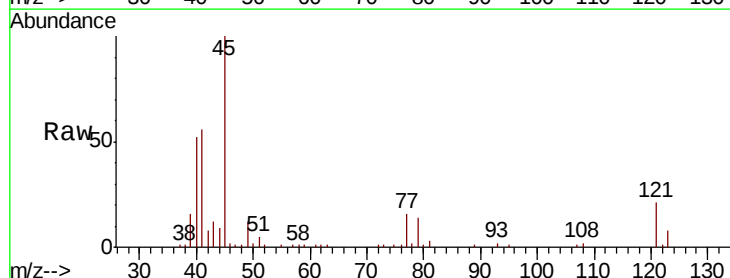
Tgt Ion: 45 Resp: 74032

Ion Ratio Lower Upper

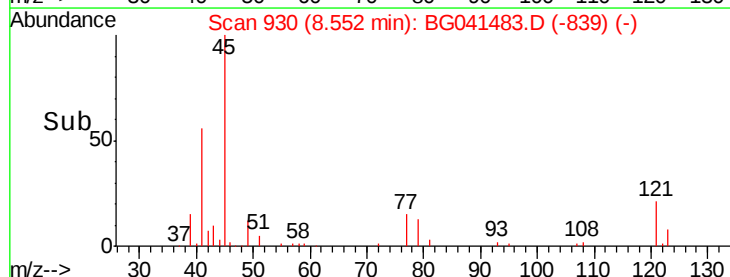
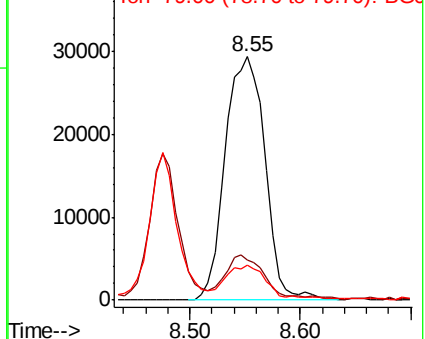
45 100

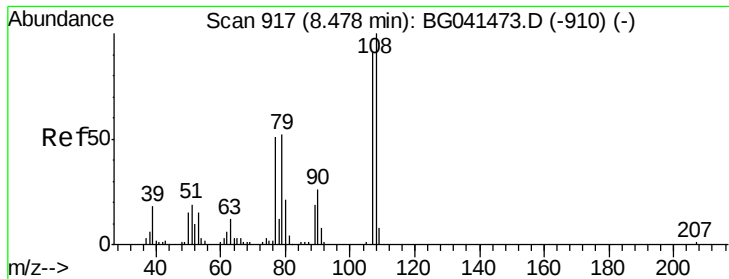
77 16.2 0.0 36.3

79 14.4 0.0 32.4



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 29.916 ng

RT: 8.48 min Scan# 917

Delta R.T. -0.00 min

Lab File: BG041483.D

Acq: 27 Jun 2019 9:56

Instrument :

BNA_G

ClientSampled :

Tot Ion:107 Resp: 52828

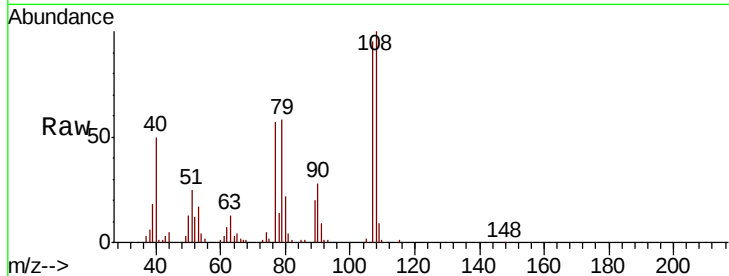
Ion Ratio Lower Upper

107 100

108 105.8 88.0 132.0

77 60.5 45.3 67.9

79 61.3 47.3 70.9

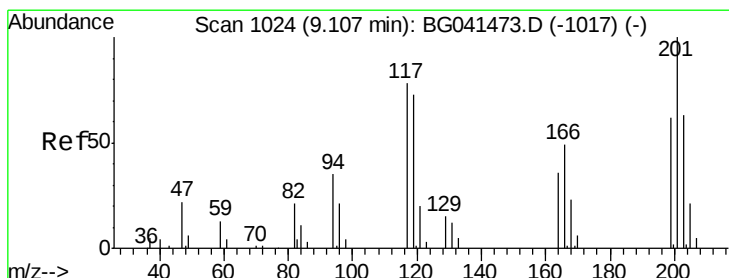
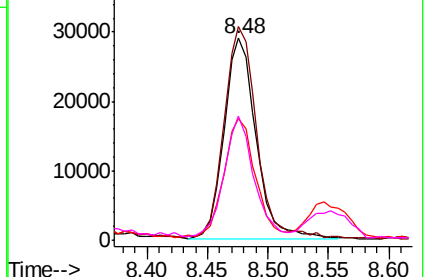
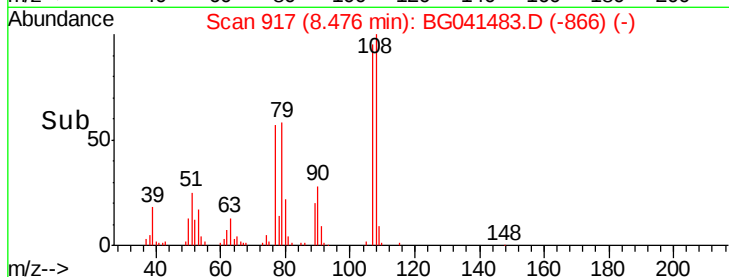


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 27.434 ng

RT: 9.11 min Scan# 1025

Delta R.T. 0.00 min

Lab File: BG041483.D

Acq: 27 Jun 2019 9:56

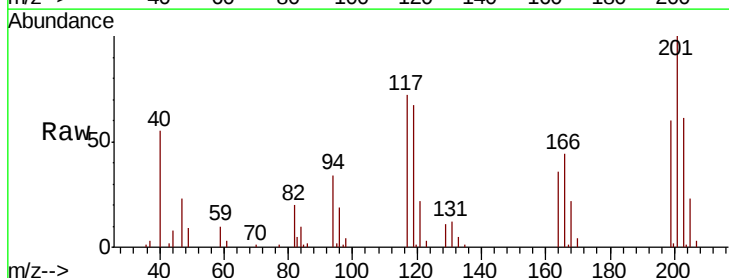
Tgt Ion:117 Resp: 27069

Ion Ratio Lower Upper

117 100

119 92.7 74.3 111.5

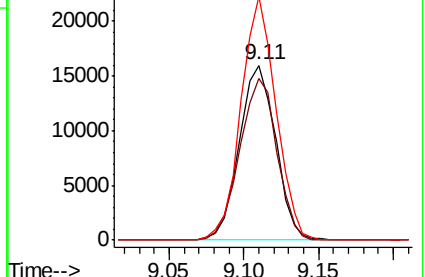
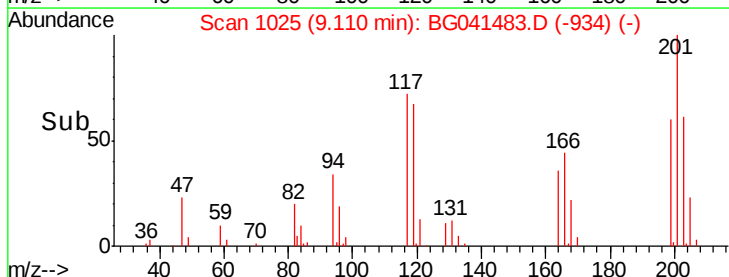
201 139.2 102.3 153.5

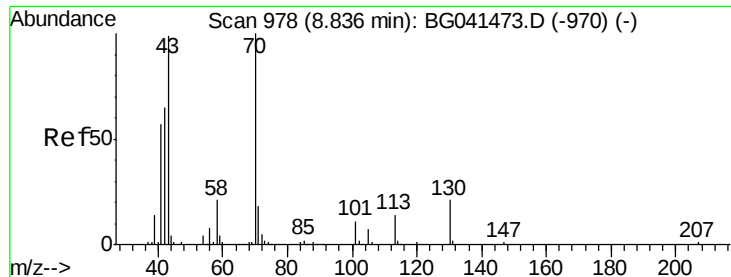


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

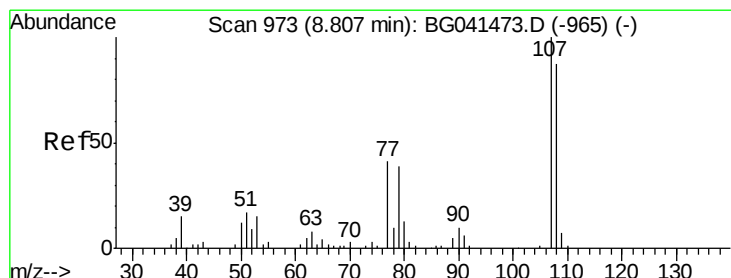
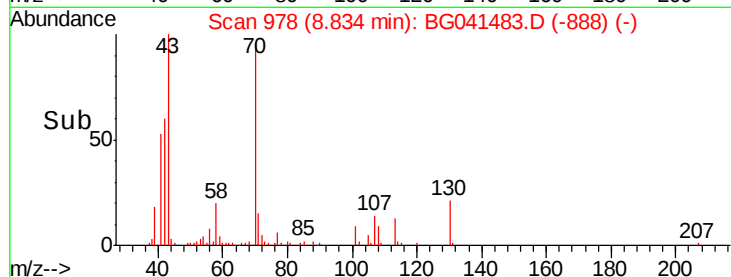
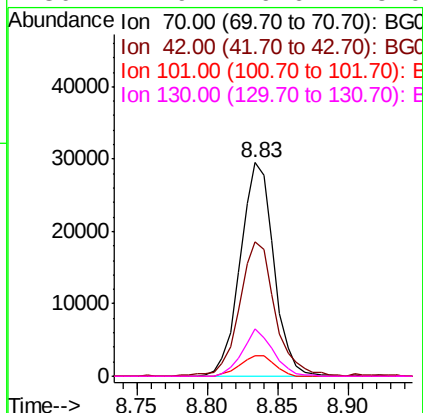
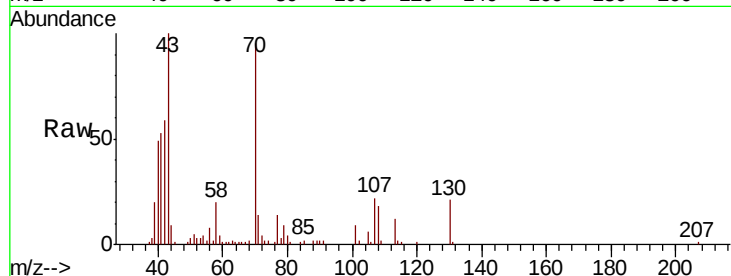




#19
n-Nitroso-di-n-propylamine
Concen: 27.265 ng
RT: 8.83 min Scan# 978
Delta R.T. -0.00 min
Lab File: BG041483.D
Acq: 27 Jun 2019 9:56

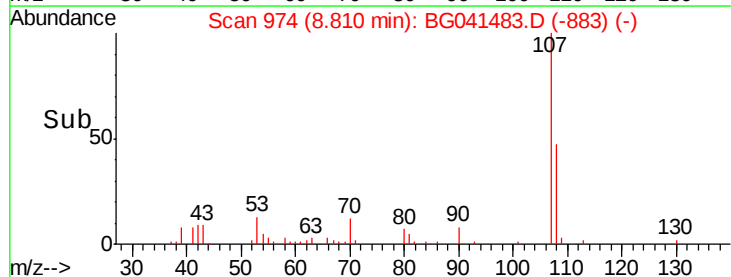
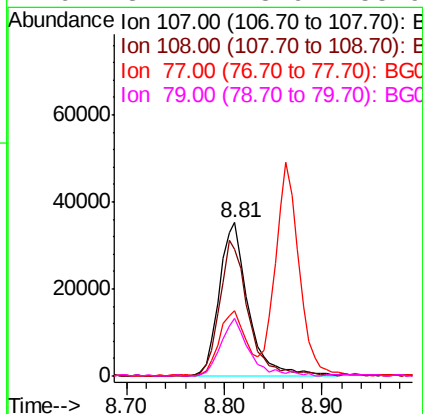
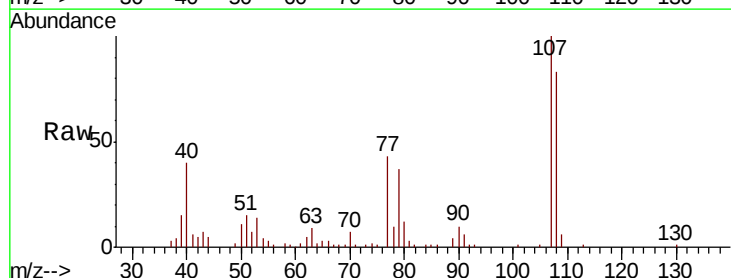
Instrument :
BNA_G
ClientSampleId :

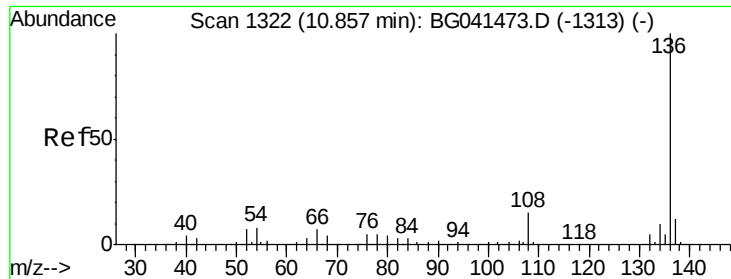
Tot Ion:	70	Resp:	48952
Ion	Ratio	Lower	Upper
70	100		
42	62.8	52.6	78.8
101	9.3	8.6	13.0
130	21.9	16.6	25.0



#20
3+4-Methylphenols
Concen: 30.975 ng
RT: 8.81 min Scan# 974
Delta R.T. 0.00 min
Lab File: BG041483.D
Acq: 27 Jun 2019 9:56

Tgt Ion:	107	Resp:	72903
Ion	Ratio	Lower	Upper
107	100		
108	82.6	67.0	107.0
77	42.7	20.6	60.6
79	37.4	18.9	58.9

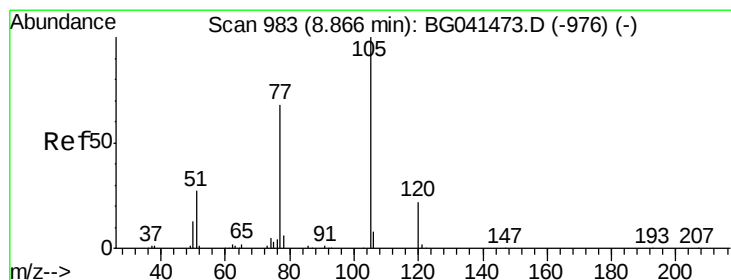
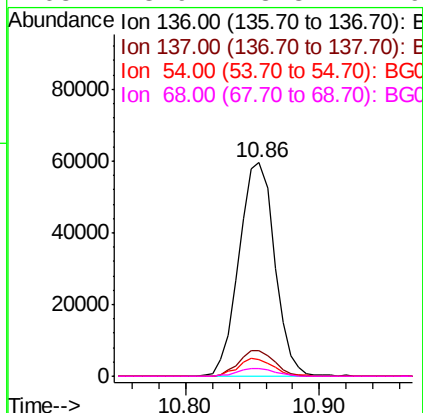
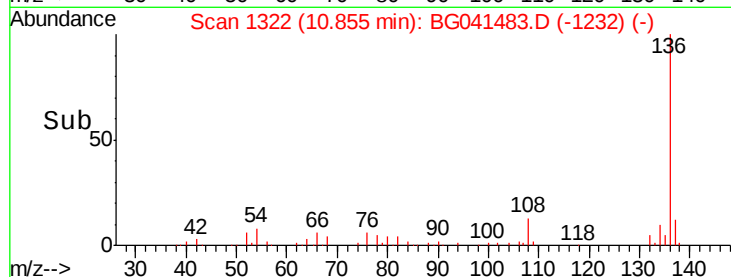
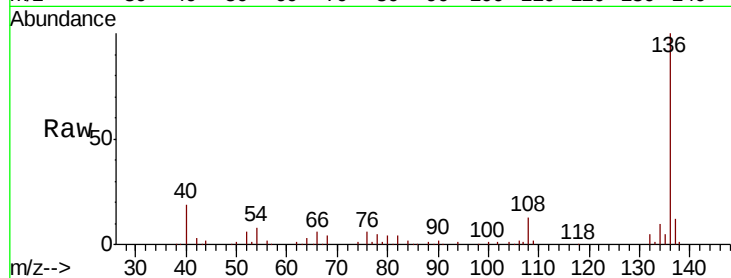




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG041483.D
Acq: 27 Jun 2019 9:56

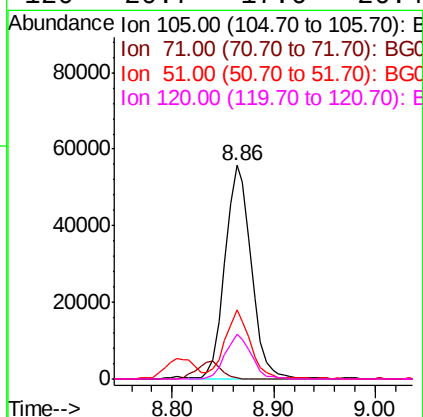
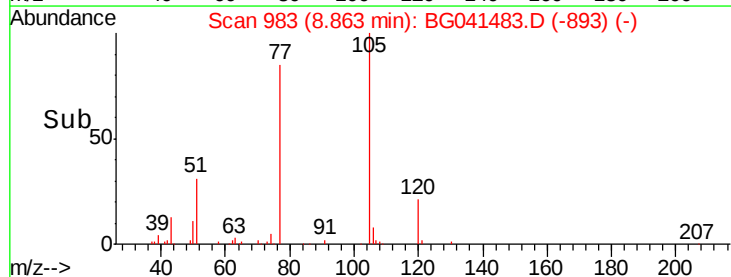
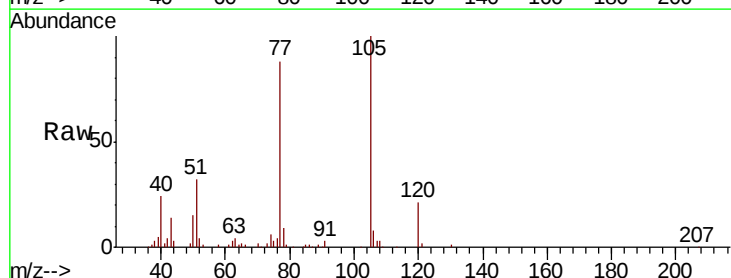
Instrument :
BNA_G
ClientSampleId :

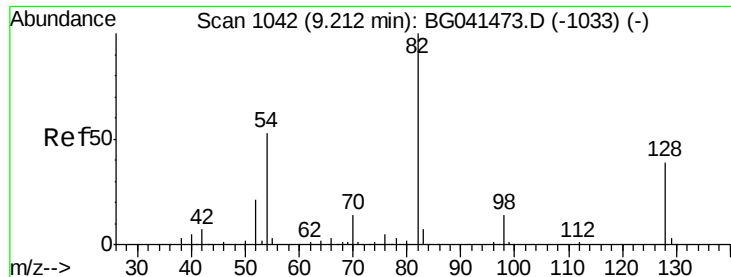
Tot Ion:136	Resp:	110210
Ion Ratio	Lower	Upper
136	100	
137	11.8	9.3 13.9
54	8.1	7.1 10.7
68	3.9	3.3 4.9



#22
Acetophenone
Concen: 30.353 ng
RT: 8.86 min Scan# 983
Delta R.T. -0.00 min
Lab File: BG041483.D
Acq: 27 Jun 2019 9:56

Tgt Ion:105	Resp:	100341
Ion Ratio	Lower	Upper
105	100	
71	0.4	0.5 0.7#
51	32.3	25.0 37.6
120	20.7	17.6 26.4

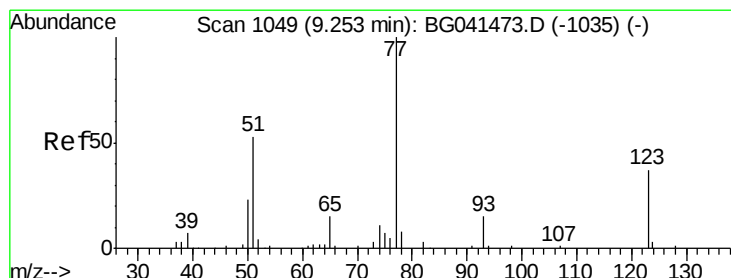
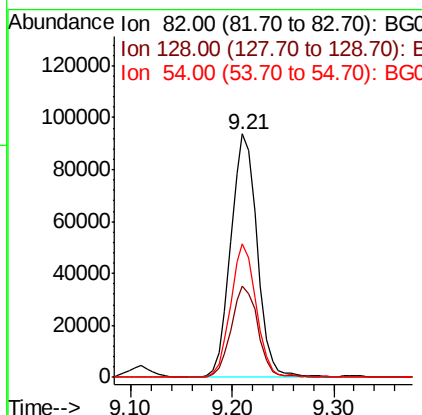
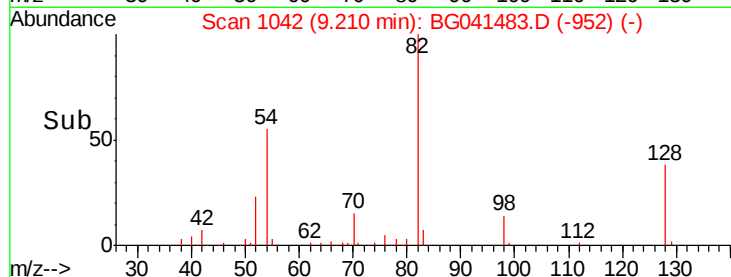
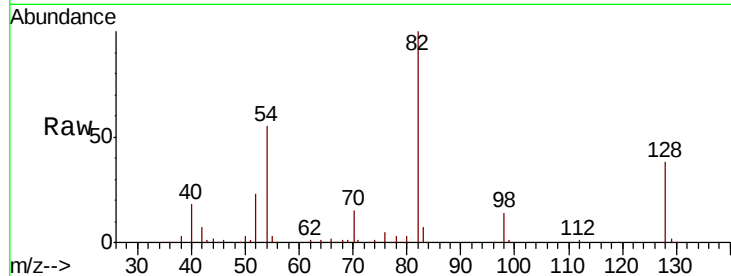




#23
Nitrobenzene-d5
Concen: 64.099 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BG041483.D
Acq: 27 Jun 2019 9:56

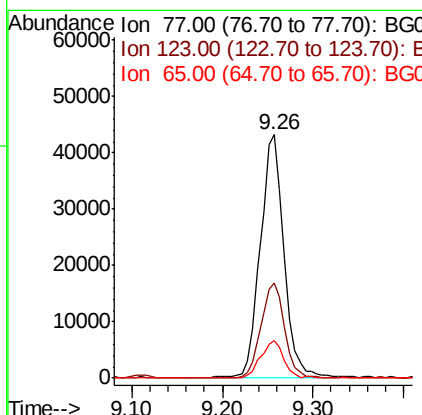
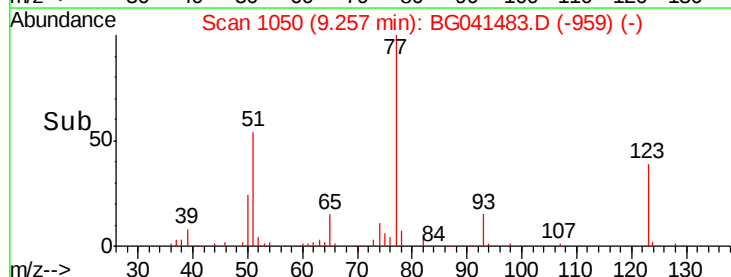
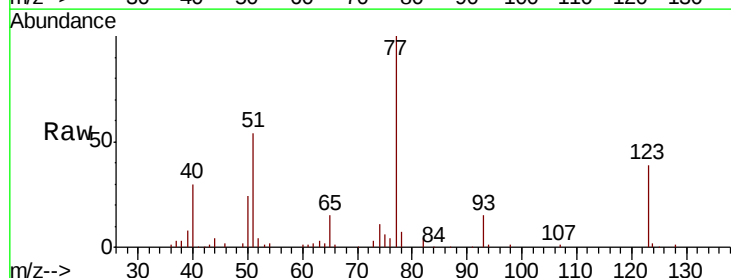
Instrument :
BNA_G
ClientSampleId :

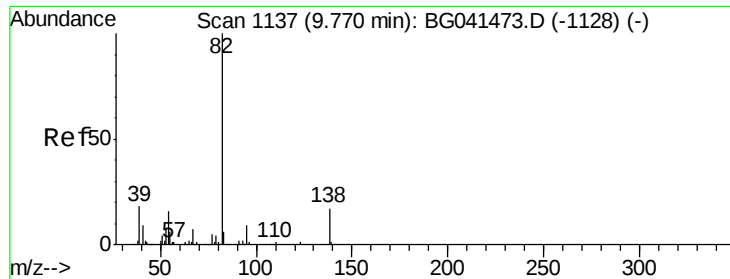
Tot Ion	82	Resp	169380
Ion Ratio	Lower	Upper	
82	100		
128	37.6	30.9	46.3
54	54.8	42.2	63.2



#24
Nitrobenzene
Concen: 29.965 ng
RT: 9.26 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BG041483.D
Acq: 27 Jun 2019 9:56

Tgt Ion	77	Resp	79480
Ion Ratio	Lower	Upper	
77	100		
123	39.3	29.9	44.9
65	15.5	12.2	18.4





#25

Isophorone

Concen: 28.911 ng

RT: 9.77 min Scan# 1137

Delta R.T. -0.00 min

Lab File: BG041483.D

Acq: 27 Jun 2019 9:56

Instrument :

BNA_G

ClientSampleId :

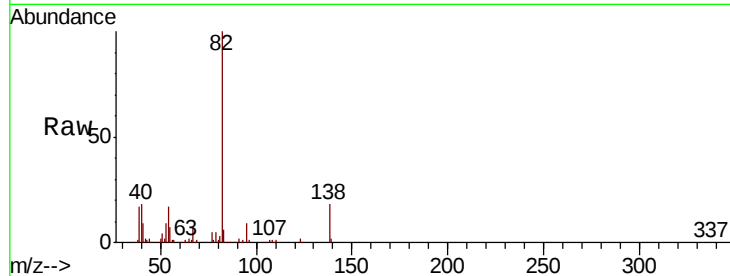
Tot Ion: 82 Resp: 137163

Ion Ratio Lower Upper

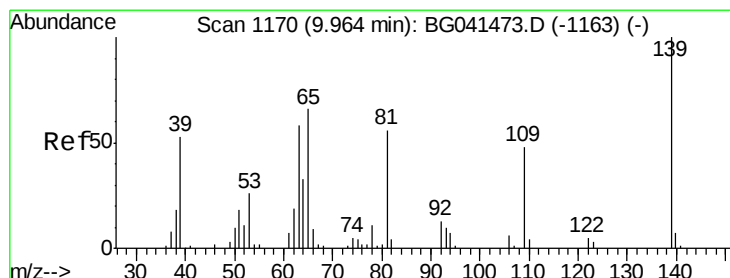
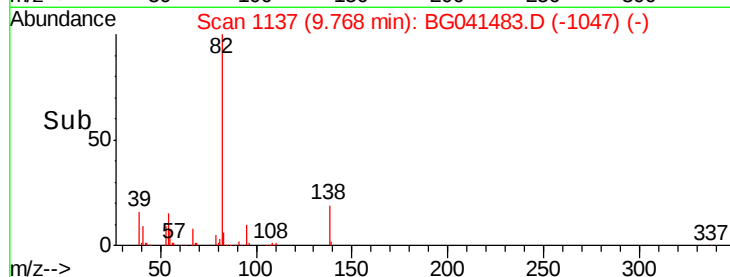
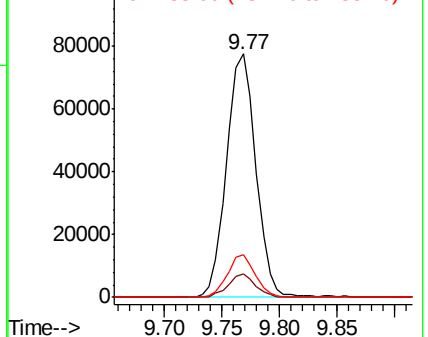
82 100

95 9.4 6.8 10.2

138 17.6 13.7 20.5



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 31.269 ng

RT: 9.97 min Scan# 1171

Delta R.T. 0.00 min

Lab File: BG041483.D

Acq: 27 Jun 2019 9:56

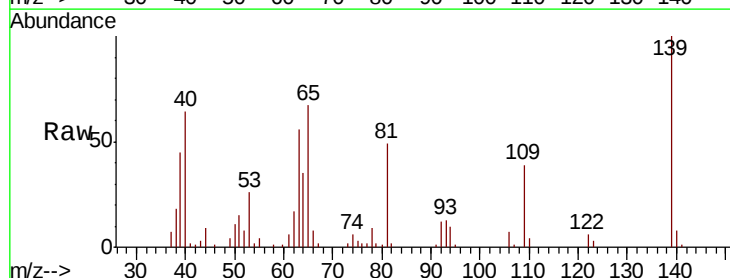
Tgt Ion: 139 Resp: 34637

Ion Ratio Lower Upper

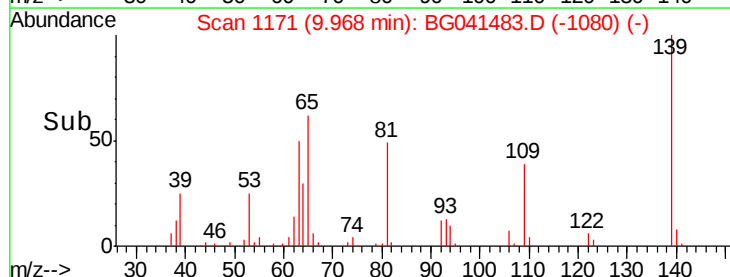
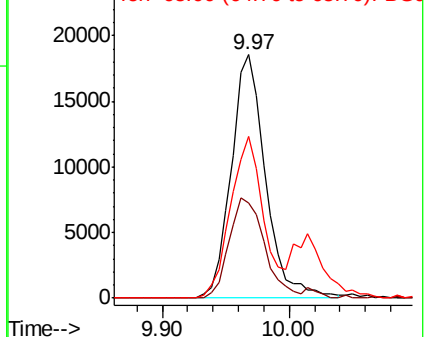
139 100

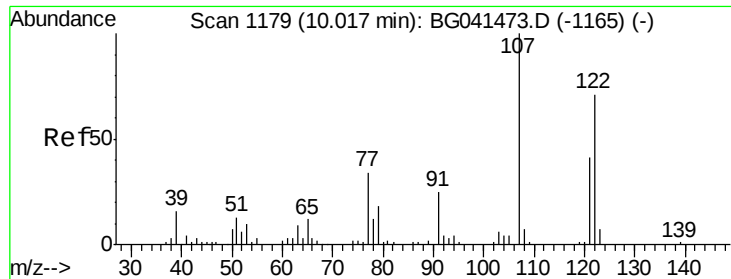
109 38.9 38.6 57.8

65 66.6 52.6 78.8



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

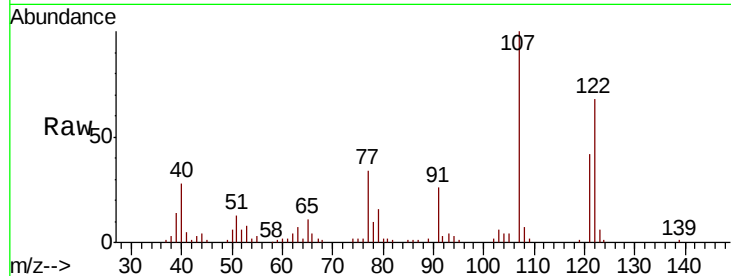




#27
2,4-Dimethylphenol
Concen: 34.102 ng
RT: 10.01 min Scan# 1179
Delta R.T. -0.00 min
Lab File: BG041483.D
Acq: 27 Jun 2019 9:56

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ion	Ratio	Lower	Upper
122	100			
107	146.9	112.9	169.3	
121	61.2	46.1	69.1	

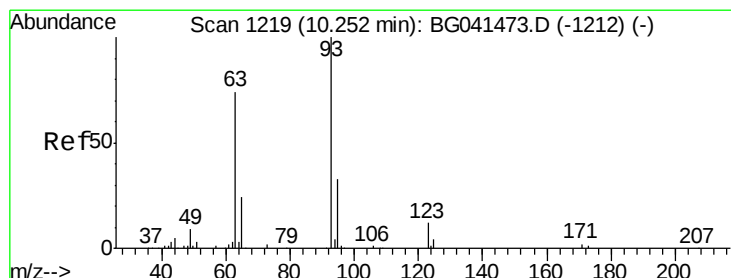
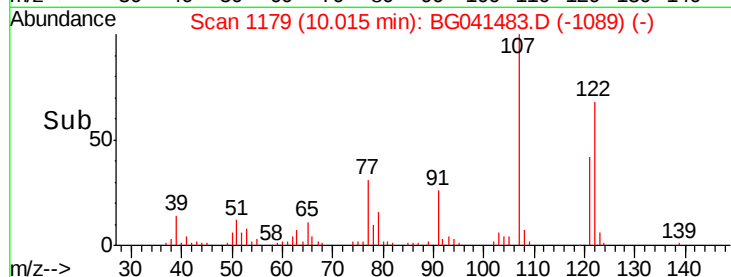
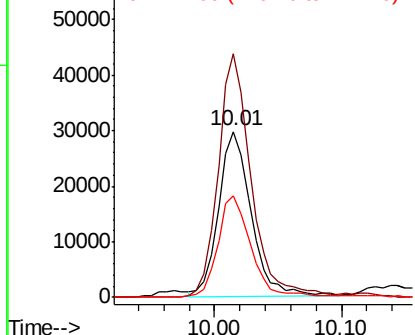


Abundance

Ion 122.00 (121.70 to 122.70): E

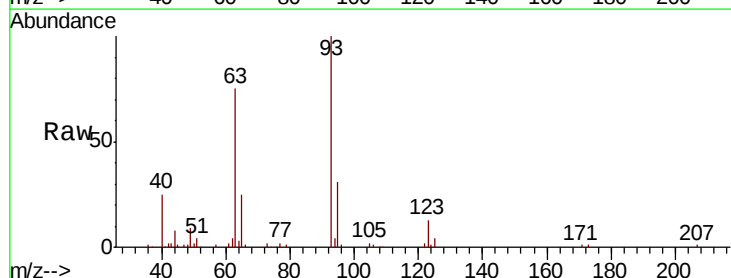
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 29.118 ng
RT: 10.25 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BG041483.D
Acq: 27 Jun 2019 9:56

Tgt Ion	Ion	Ratio	Lower	Upper
93	100			
95	30.7	26.2	39.2	
123	12.8	9.6	14.4	

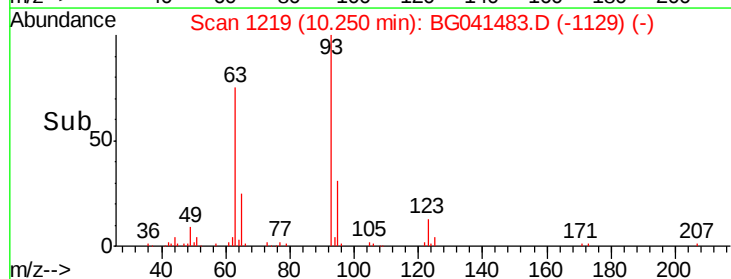
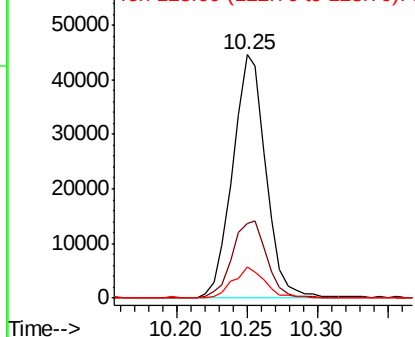


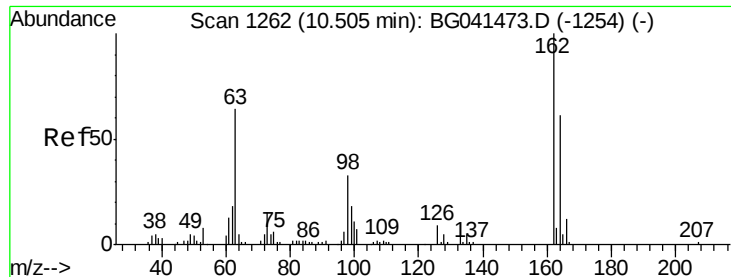
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 32.848 ng

RT: 10.51 min Scan# 1263

Delta R.T. 0.00 min

Lab File: BG041483.D

Acq: 27 Jun 2019 9:56

Instrument :

BNA_G

ClientSampleId :

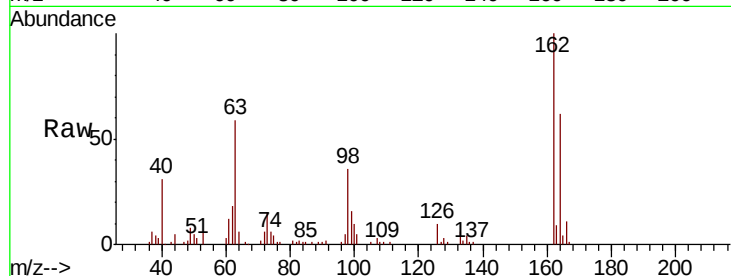
Tot Ion:162 Resp: 68401

Ion Ratio Lower Upper

162 100

164 61.8 41.3 81.3

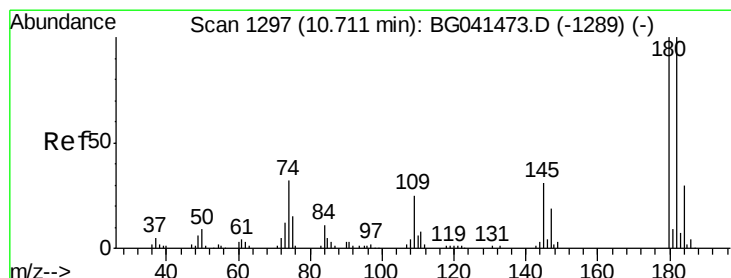
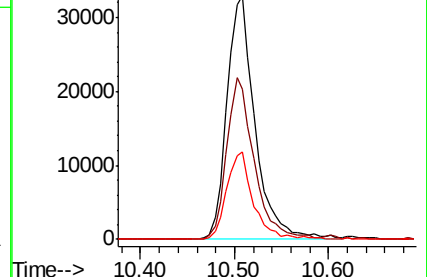
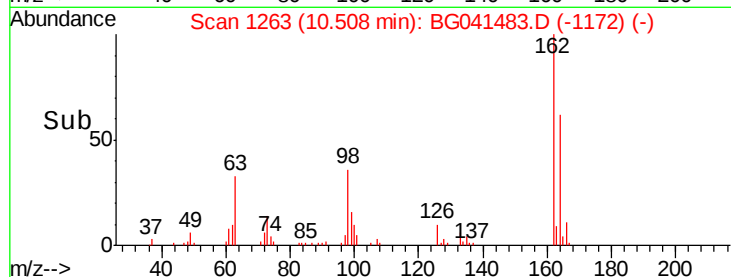
98 35.7 13.2 53.2



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: 29.326 ng

RT: 10.71 min Scan# 1297

Delta R.T. -0.00 min

Lab File: BG041483.D

Acq: 27 Jun 2019 9:56

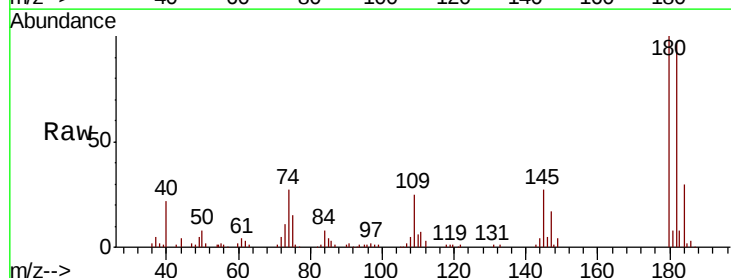
Tgt Ion:180 Resp: 78269

Ion Ratio Lower Upper

180 100

182 96.7 79.9 119.9

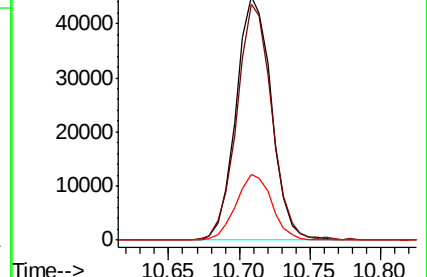
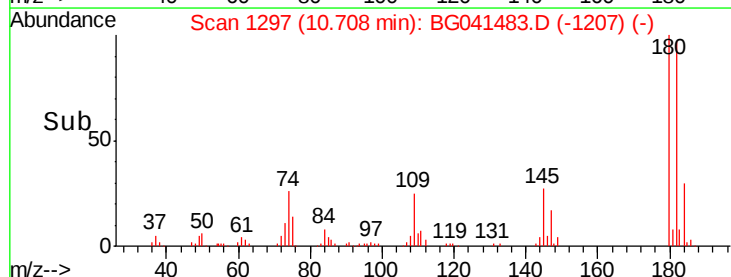
145 26.9 24.7 37.1

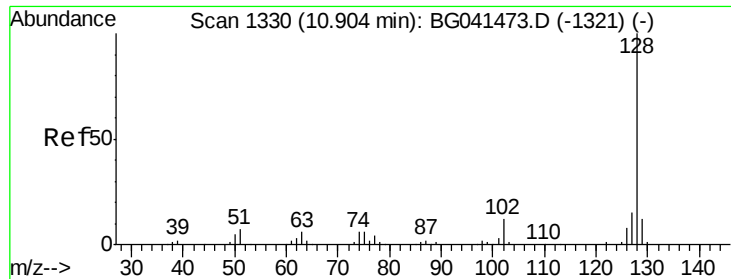


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

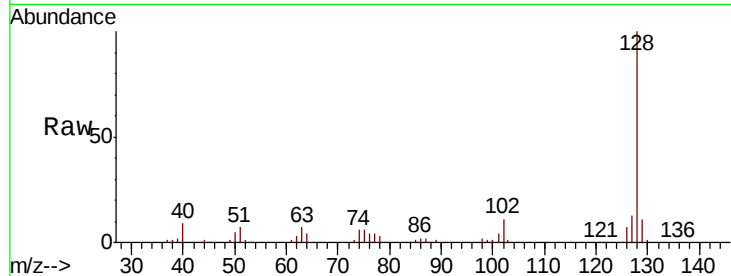




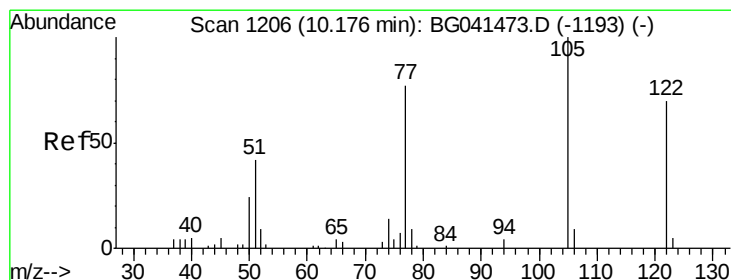
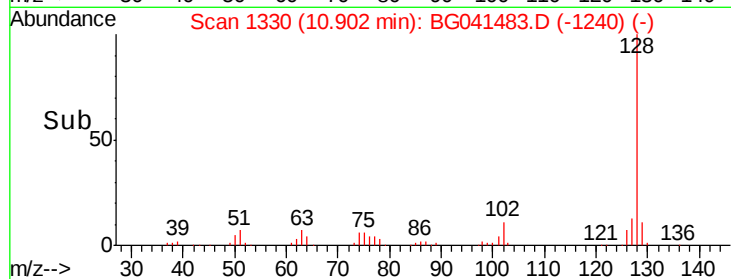
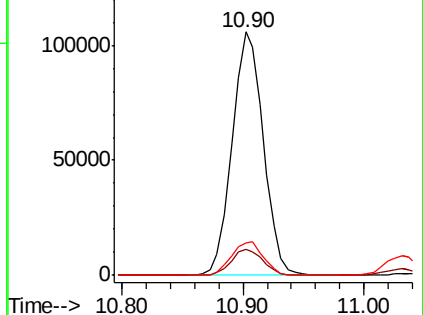
#31
Naphthalene
Concen: 31.295 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG041483.D
Acq: 27 Jun 2019 9:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 190741
Ion Ratio Lower Upper
128 100
129 10.6 9.7 14.5
127 13.4 11.6 17.4

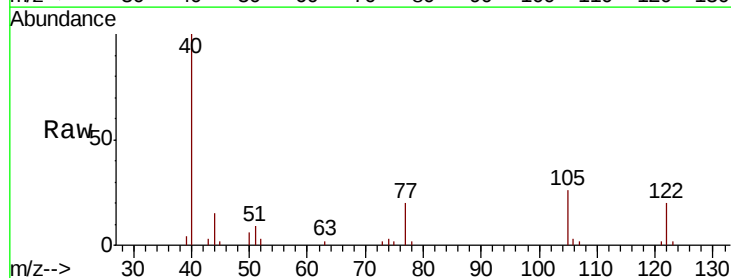


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

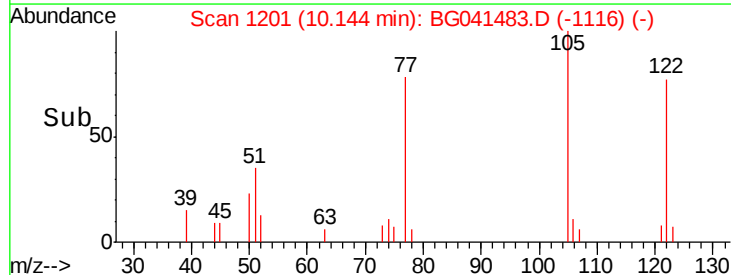
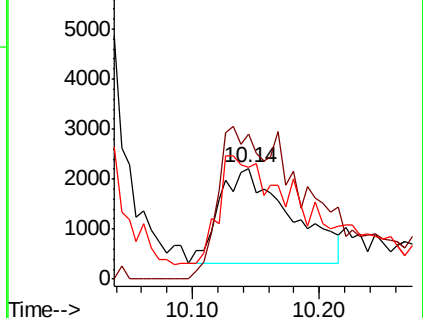


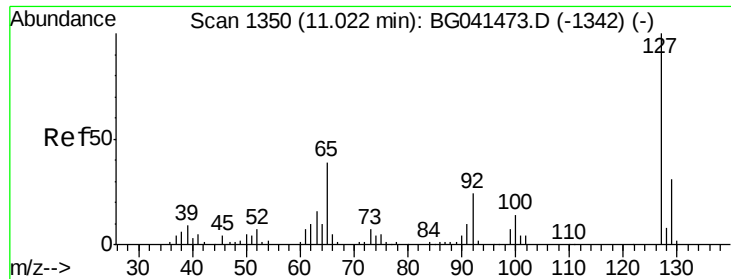
#32
Benzoic acid
Concen: 14.189 ng
RT: 10.14 min Scan# 1201
Delta R.T. -0.03 min
Lab File: BG041483.D
Acq: 27 Jun 2019 9:56

Tgt Ion:122 Resp: 7412
Ion Ratio Lower Upper
122 100
105 130.3 117.8 157.8
77 101.2 88.9 128.9



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): BGO

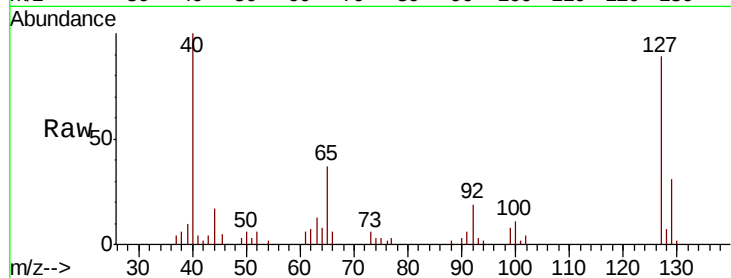




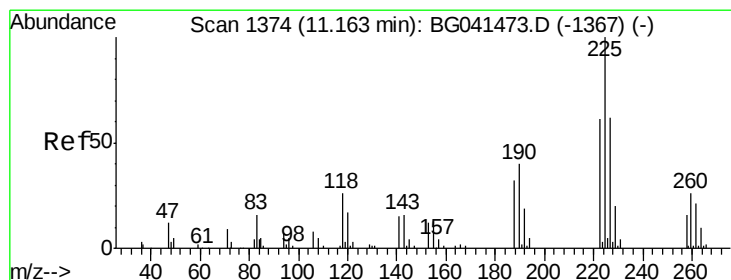
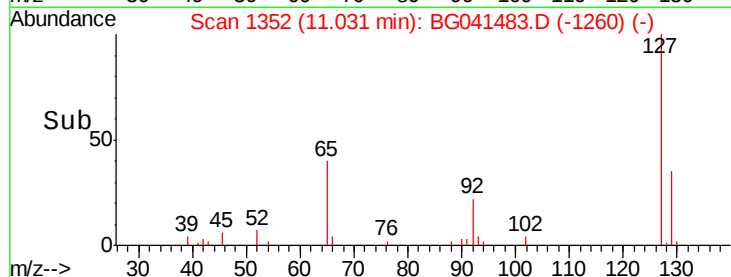
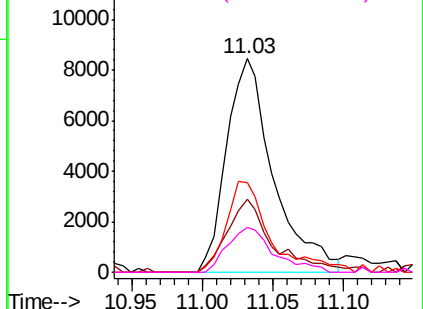
#33
4-Chloroaniline
Concen: 7.635 ng
RT: 11.03 min Scan# 1352
Delta R.T. 0.01 min
Lab File: BG041483.D
Acq: 27 Jun 2019 9:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	19588
Ion	Ratio	Lower	Upper
127	100		
129	34.3	24.6	37.0
65	41.9	31.5	47.3
92	21.1	18.9	28.3

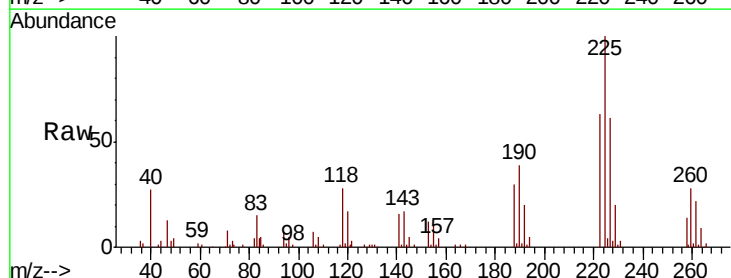


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

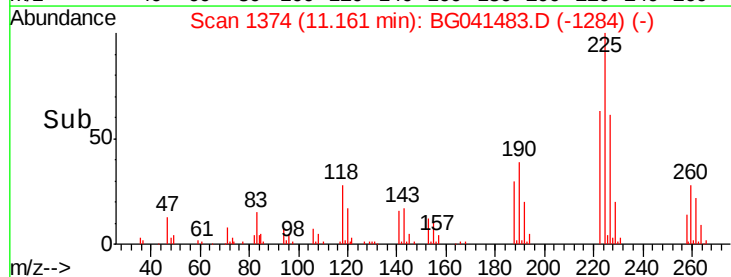
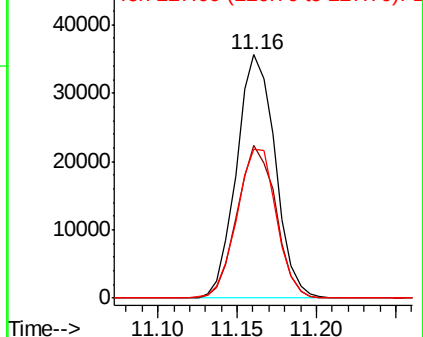


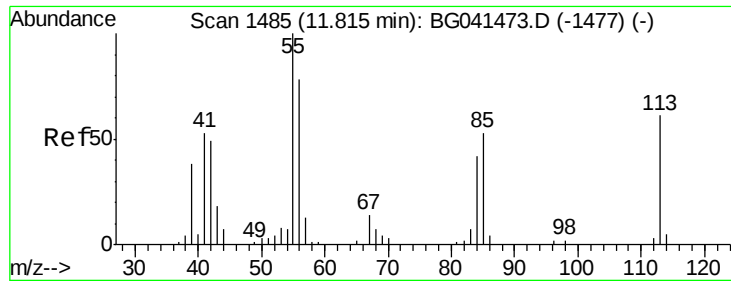
#34
Hexachlorobutadiene
Concen: 28.393 ng
RT: 11.16 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BG041483.D
Acq: 27 Jun 2019 9:56

Tgt Ion:	225	Resp:	60153
Ion	Ratio	Lower	Upper
225	100		
223	62.9	48.6	72.8
227	61.1	49.3	73.9



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 21.243 ng

RT: 11.81 min Scan# 1484

Delta R.T. -0.01 min

Lab File: BG041483.D

Acq: 27 Jun 2019 9:56

Instrument :

BNA_G

ClientSampleId :

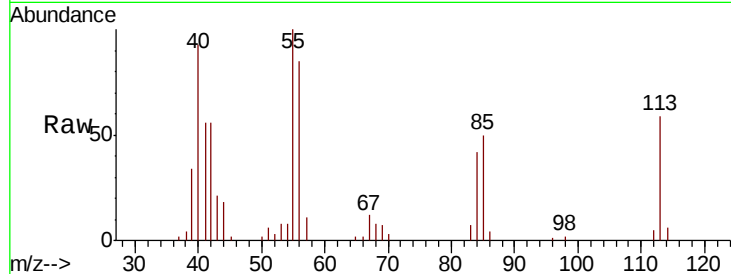
Tot Ion:113 Resp: 13812

Ion Ratio Lower Upper

113 100

55 170.2 145.1 185.1

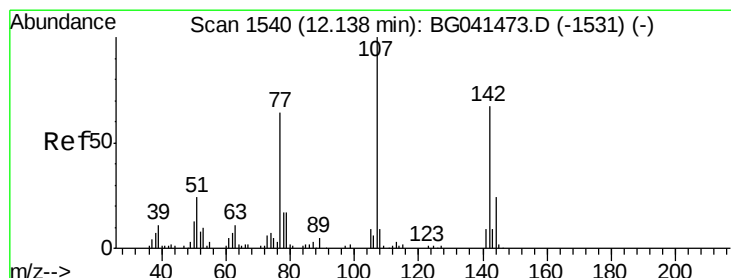
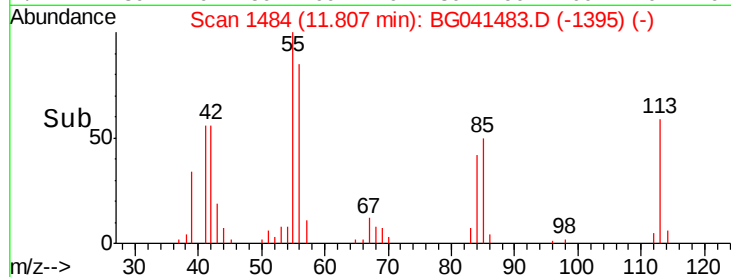
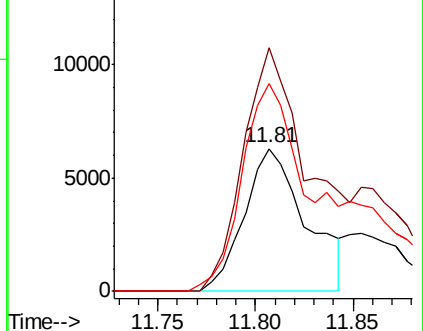
56 145.3 109.4 149.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 32.419 ng

RT: 12.14 min Scan# 1541

Delta R.T. 0.00 min

Lab File: BG041483.D

Acq: 27 Jun 2019 9:56

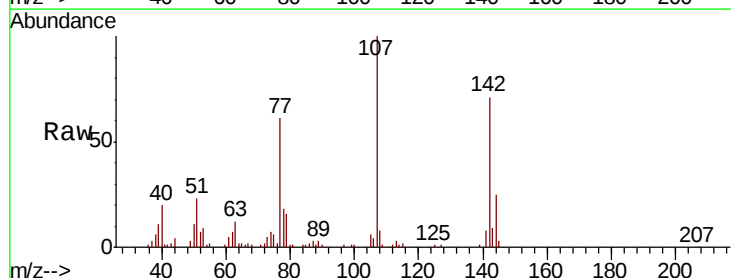
Tgt Ion:107 Resp: 73144

Ion Ratio Lower Upper

107 100

144 24.7 19.4 29.0

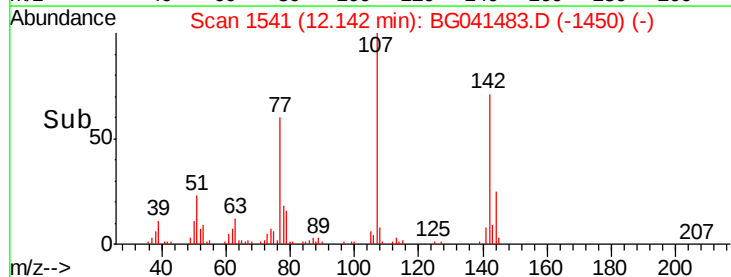
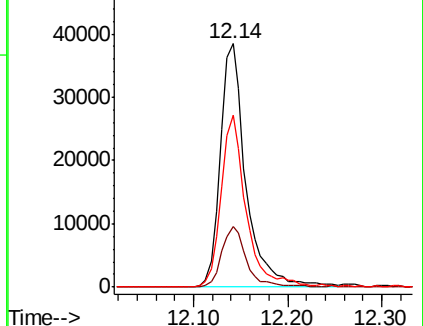
142 70.6 53.8 80.6

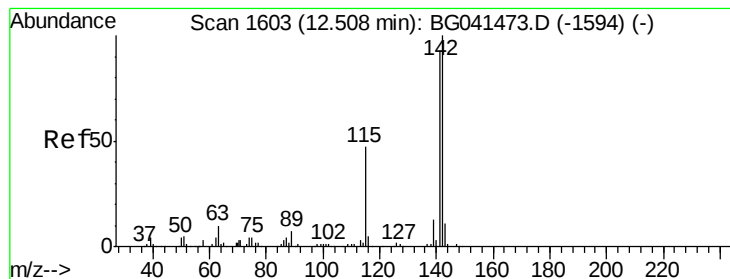


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

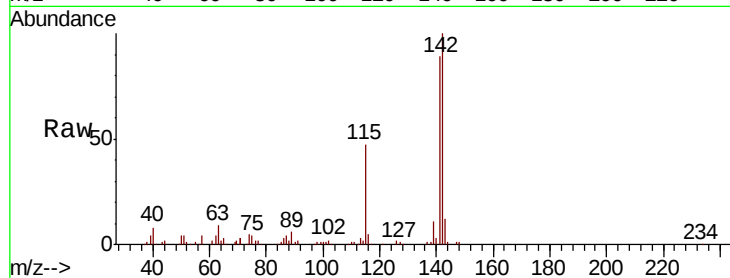




#37
 2-Methylnaphthalene
 Concen: 30.884 ng
 RT: 12.51 min Scan# 1603
 Delta R.T. -0.00 min
 Lab File: BG041483.D
 Acq: 27 Jun 2019 9:56

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	74.8	112.2
115	46.8	38.0	57.0

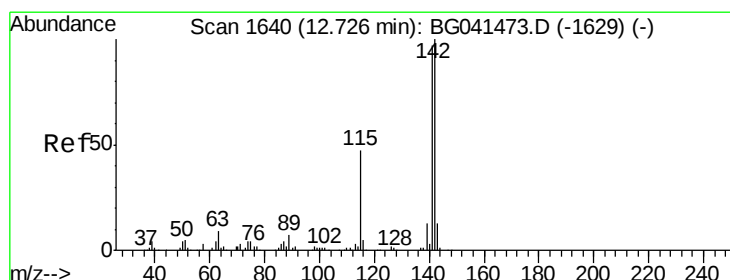
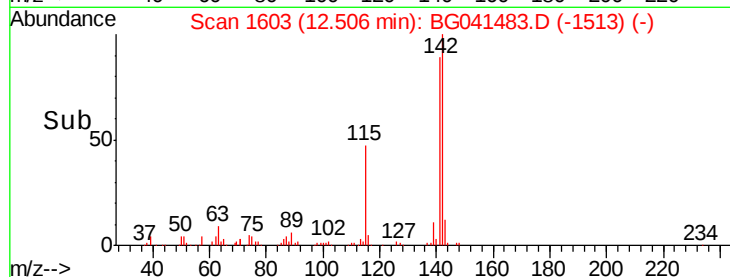
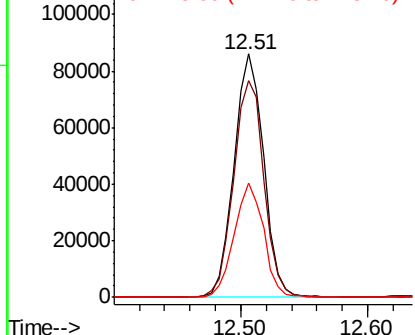


Abundance

Ion 142.00 (141.70 to 142.70): E

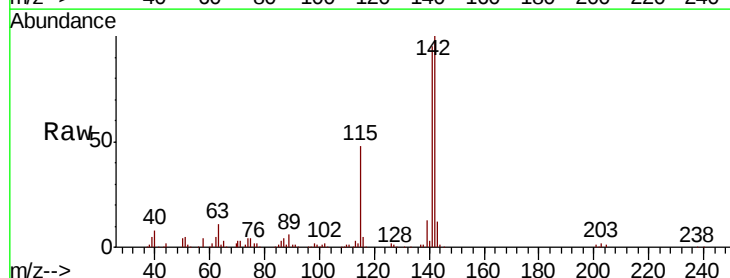
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
 1-Methylnaphthalene
 Concen: 30.689 ng
 RT: 12.72 min Scan# 1640
 Delta R.T. -0.00 min
 Lab File: BG041483.D
 Acq: 27 Jun 2019 9:56

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.5	77.4	116.2
116	4.6	3.8	5.8

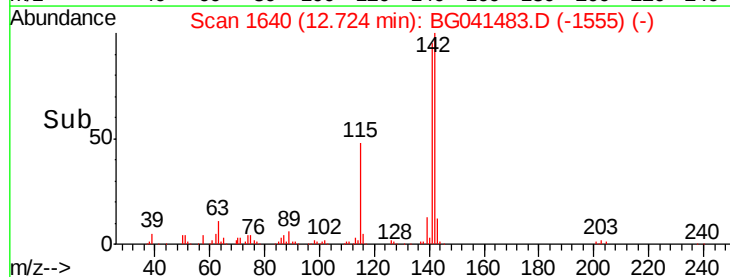
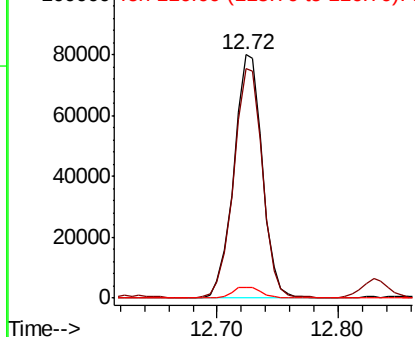


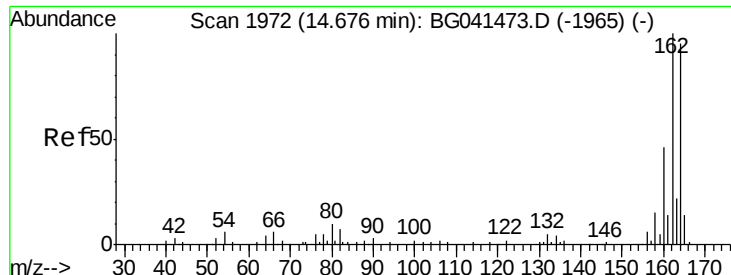
Abundance

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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1972

Delta R.T. -0.00 min

Lab File: BG041483.D

Acq: 27 Jun 2019 9:56

Instrument :

BNA_G

ClientSampleId :

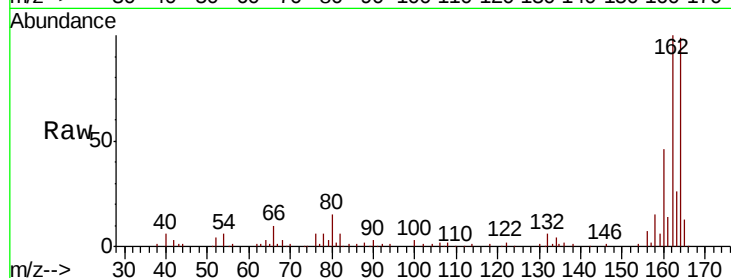
Tot Ion:164 Resp: 79605

Ion Ratio Lower Upper

164 100

162 100.7 84.4 126.6

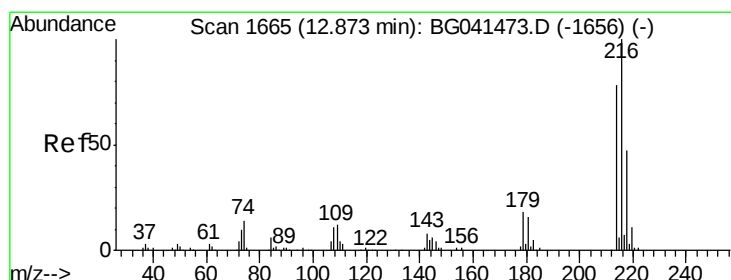
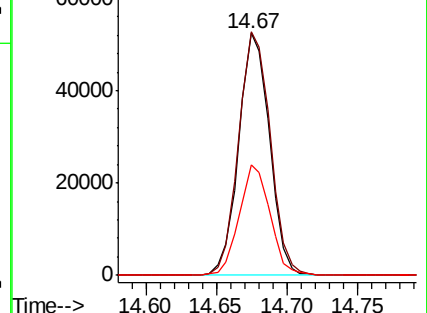
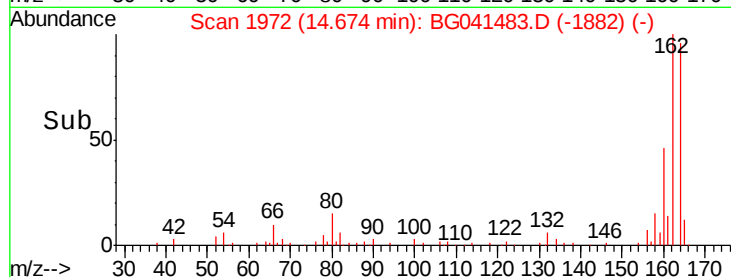
160 45.8 38.8 58.2



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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 30.960 ng

RT: 12.86 min Scan# 1664

Delta R.T. -0.01 min

Lab File: BG041483.D

Acq: 27 Jun 2019 9:56

Tgt Ion:216 Resp: 108523

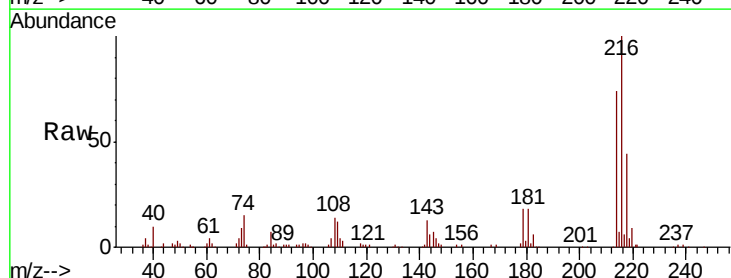
Ion Ratio Lower Upper

216 100

214 79.1 63.4 95.2

179 18.7 15.1 22.7

108 15.2 11.7 17.5

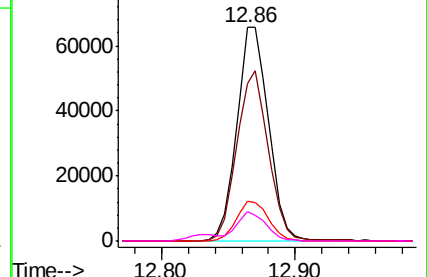
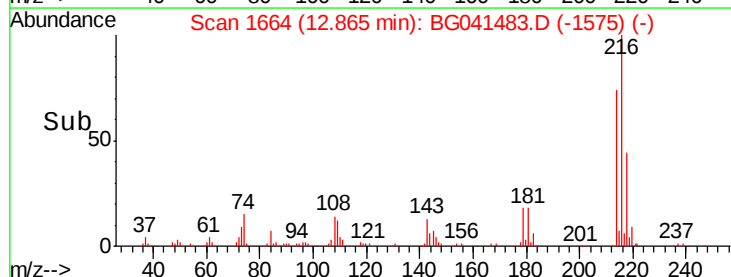


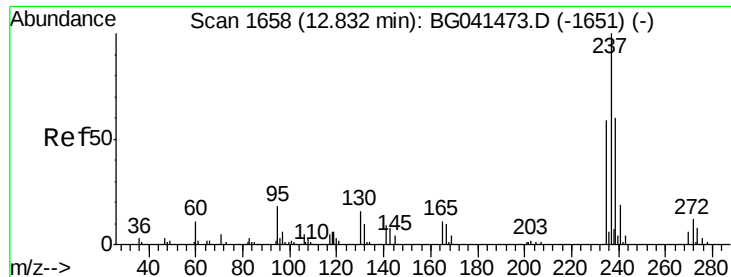
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 55.115 ng

RT: 12.84 min Scan# 1659

Delta R.T. 0.00 min

Lab File: BG041483.D

Acq: 27 Jun 2019 9:56

Instrument :

BNA_G

ClientSampleId :

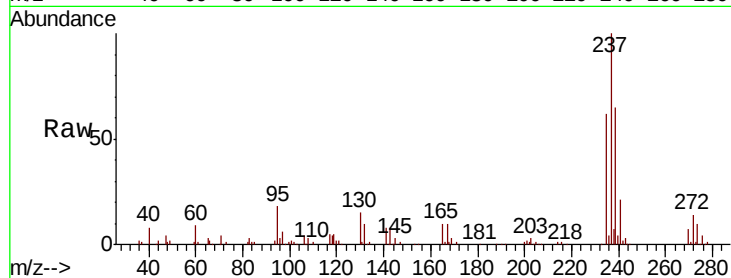
Tot Ion:237 Resp: 102558

Ion Ratio Lower Upper

237 100

235 62.0 39.1 79.1

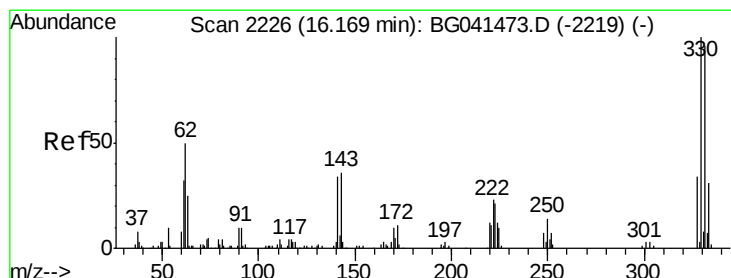
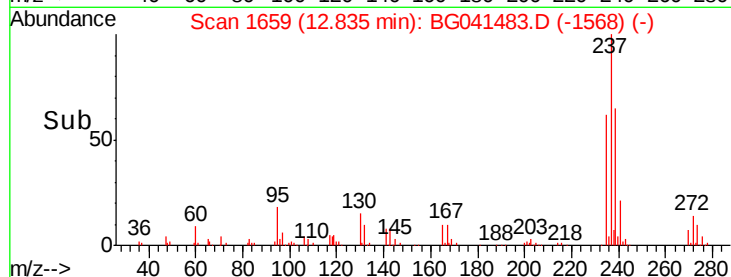
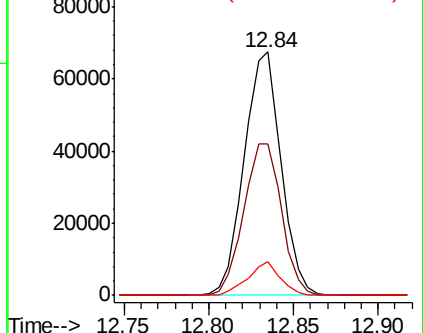
272 13.8 0.0 31.5



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: 98.614 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.00 min

Lab File: BG041483.D

Acq: 27 Jun 2019 9:56

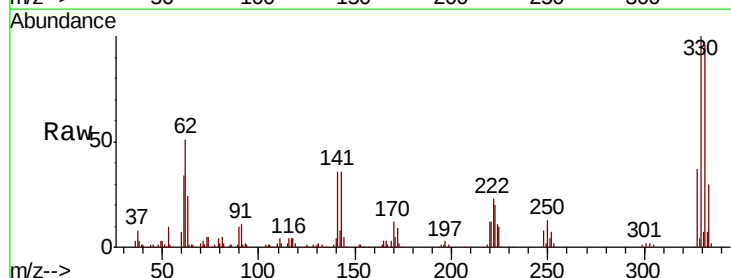
Tgt Ion:330 Resp: 134036

Ion Ratio Lower Upper

330 100

332 95.5 75.5 113.3

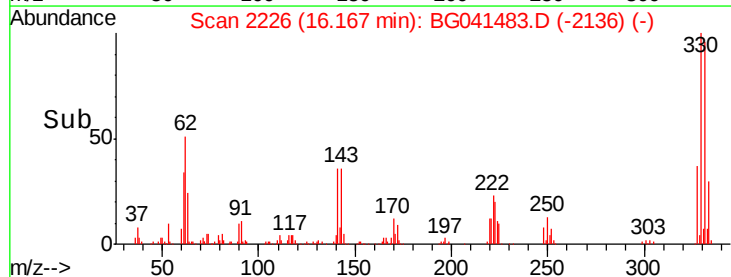
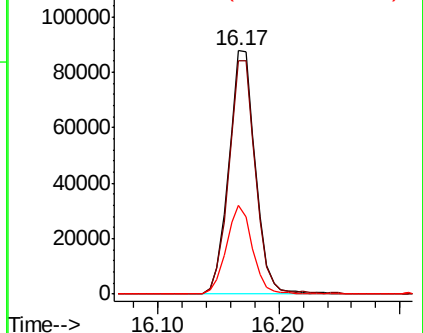
141 35.5 27.8 41.6

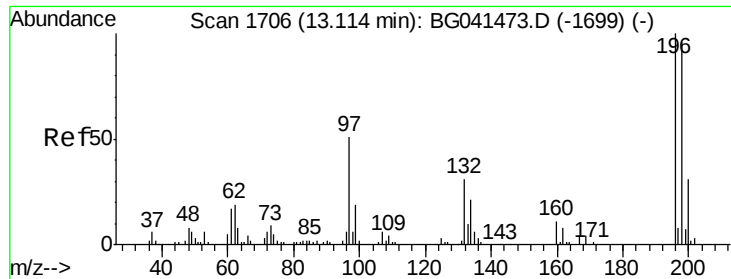


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

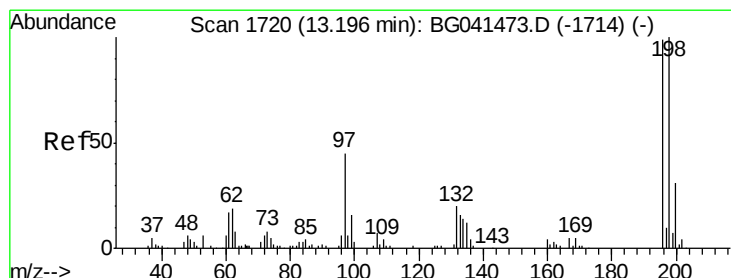
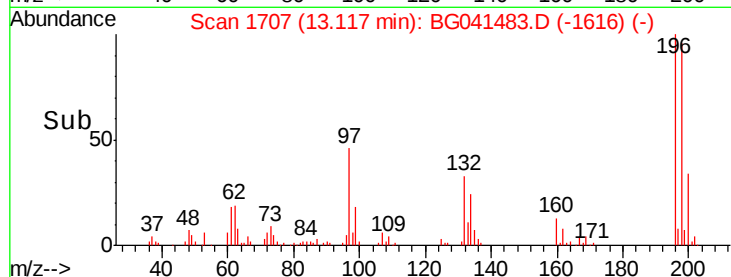
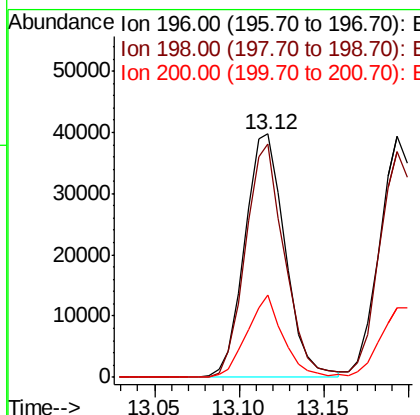
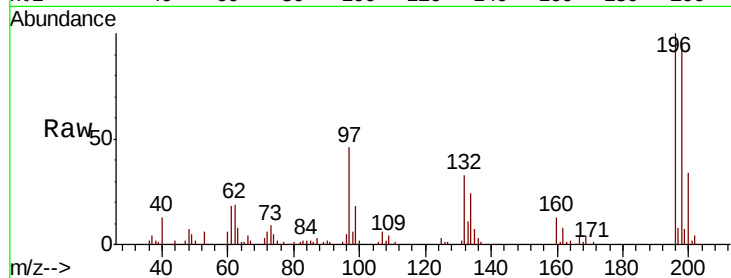




#43
 2,4,6-Trichlorophenol
 Concen: 31.728 ng
 RT: 13.12 min Scan# 1707
 Delta R.T. 0.00 min
 Lab File: BG041483.D
 Acq: 27 Jun 2019 9:56

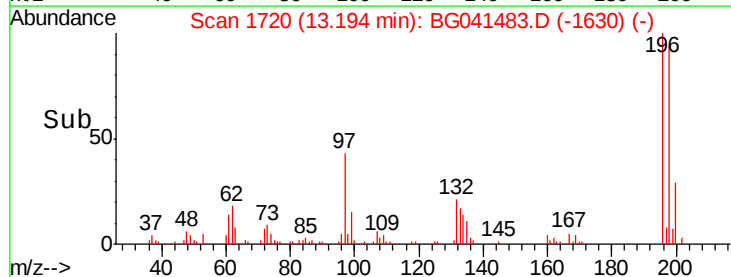
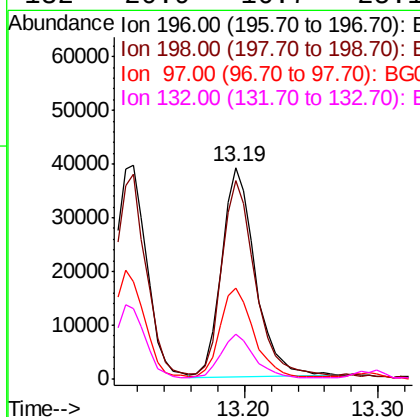
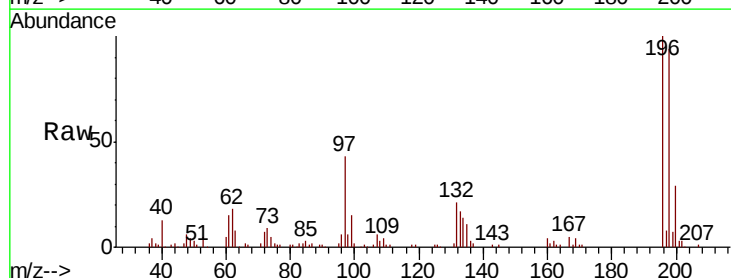
Instrument :
 BNA_G
 ClientSampleId :

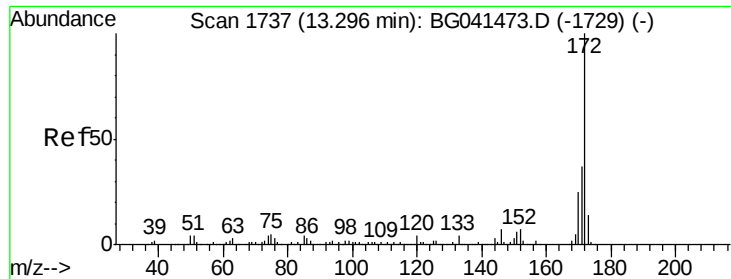
Tot Ion	196	Resp	65984
Ion Ratio	Lower	Upper	
196	100		
198	95.8	76.7	115.1
200	34.1	24.4	36.6



#44
 2,4,5-Trichlorophenol
 Concen: 33.061 ng
 RT: 13.19 min Scan# 1720
 Delta R.T. -0.00 min
 Lab File: BG041483.D
 Acq: 27 Jun 2019 9:56

Tgt Ion	196	Resp	68500
Ion Ratio	Lower	Upper	
196	100		
198	93.8	80.5	120.7
97	43.0	36.5	54.7
132	20.9	16.7	25.1

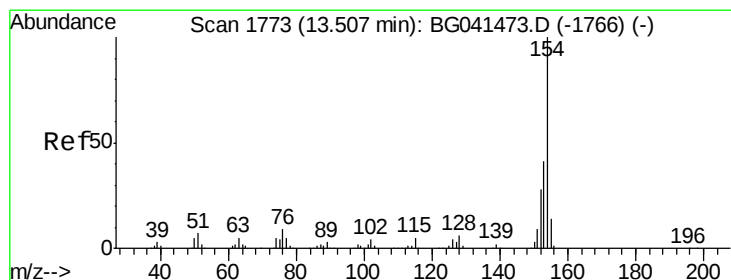
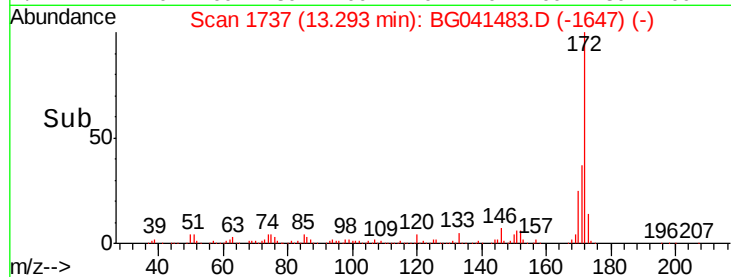
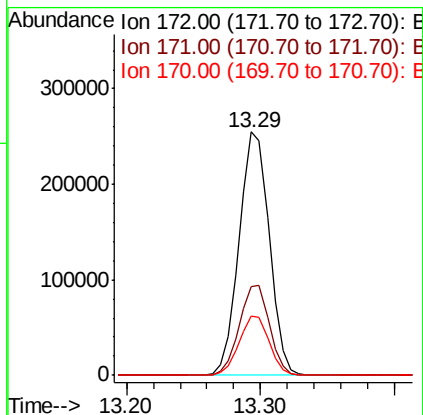
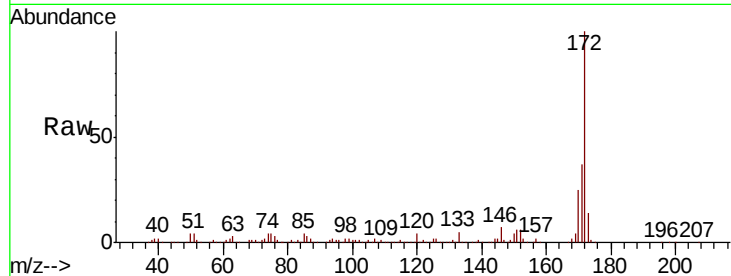




#45
 2-Fluorobiphenyl
 Concen: 64.135 ng
 RT: 13.29 min Scan# 1737
 Delta R.T. -0.00 min
 Lab File: BG041483.D
 Acq: 27 Jun 2019 9:56

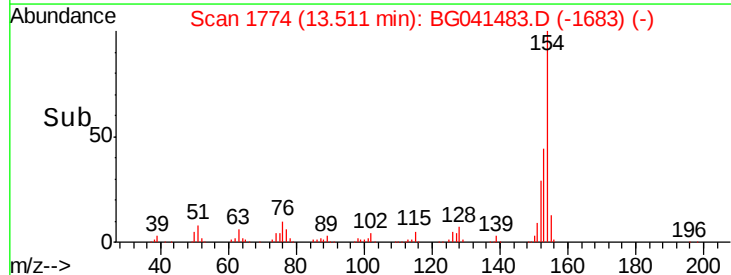
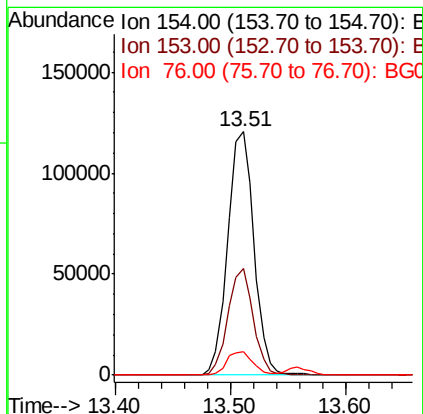
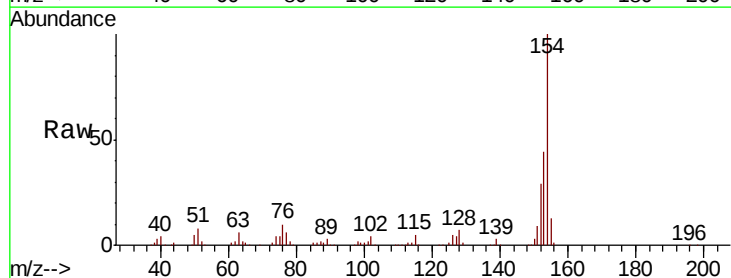
Instrument :
 BNA_G
 ClientSampleId :

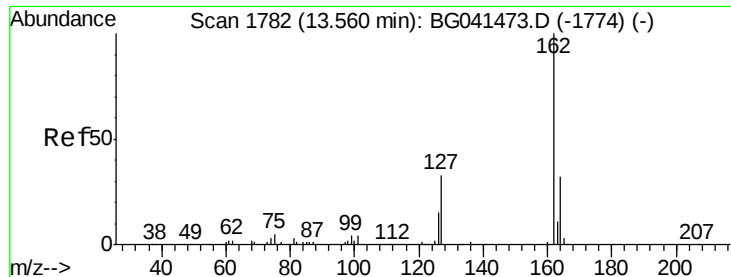
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.6	44.4
170	24.6	20.0	30.0



#46
 1,1'-Biphenyl
 Concen: 30.194 ng
 RT: 13.51 min Scan# 1774
 Delta R.T. 0.00 min
 Lab File: BG041483.D
 Acq: 27 Jun 2019 9:56

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.8	20.9	60.9
76	9.8	0.0	29.4

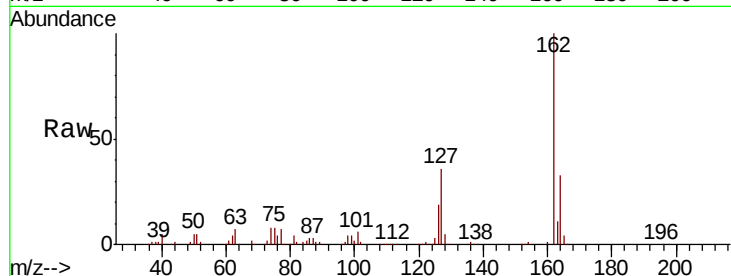




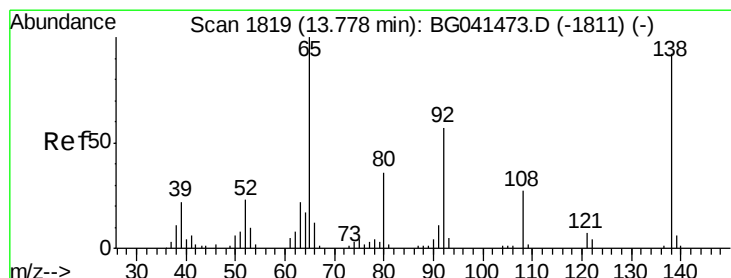
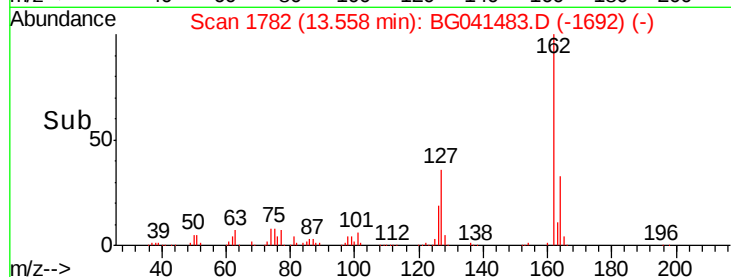
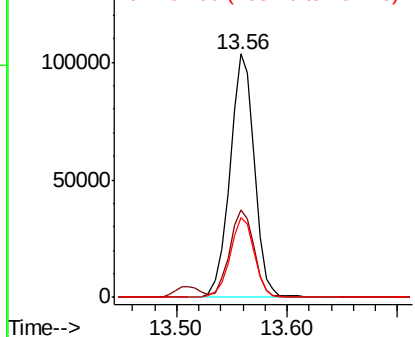
#47
 2-Chloronaphthalene
 Concen: 29.707 ng
 RT: 13.56 min Scan# 1782
 Delta R.T. -0.00 min
 Lab File: BG041483.D
 Acq: 27 Jun 2019 9:56

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.1	30.0	45.0
164	32.8	25.8	38.6

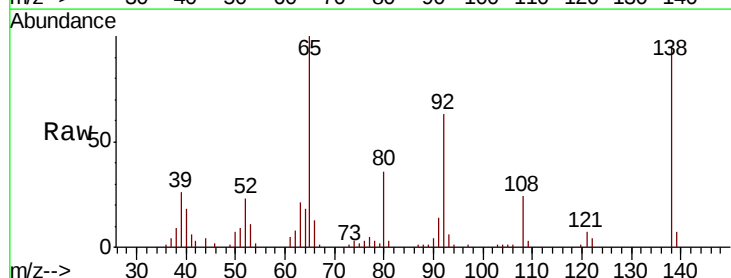


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

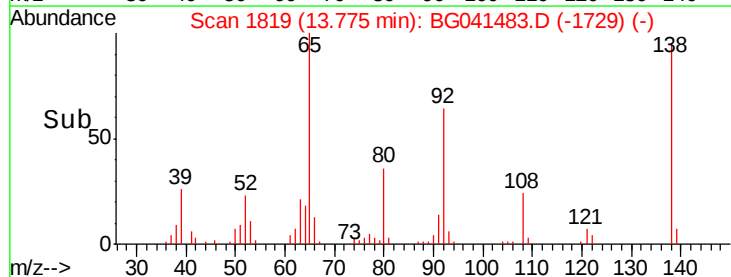
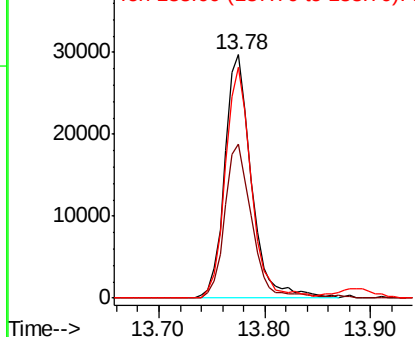


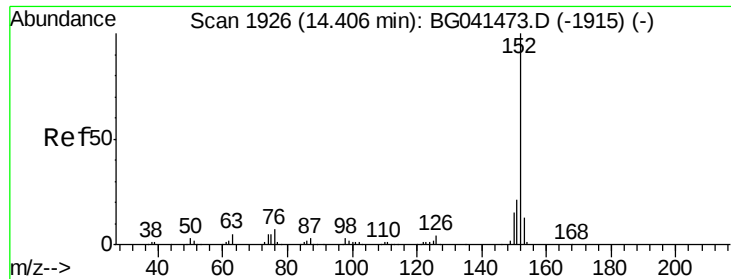
#48
 2-Nitroaniline
 Concen: 28.401 ng
 RT: 13.78 min Scan# 1819
 Delta R.T. -0.00 min
 Lab File: BG041483.D
 Acq: 27 Jun 2019 9:56

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.4	45.9	68.9
138	94.9	73.4	110.2



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): E





#49

Acenaphthylene

Concen: 31.394 ng

RT: 14.40 min Scan# 1926

Delta R.T. -0.00 min

Lab File: BG041483.D

Acq: 27 Jun 2019 9:56

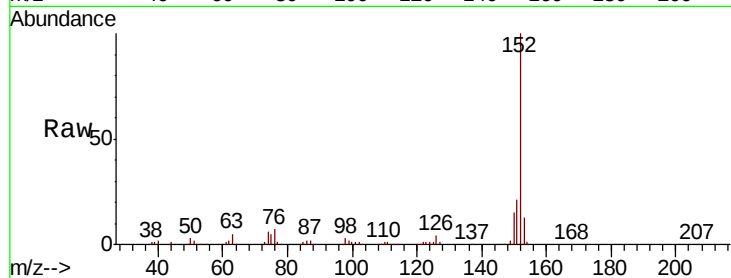
Instrument :

BNA_G

ClientSampleId :

Tot Ion:152 Resp: 253158

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.7	25.1
153	13.0	10.8	16.2

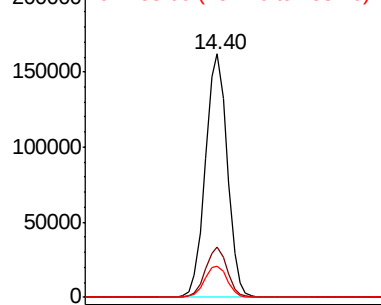


Abundance

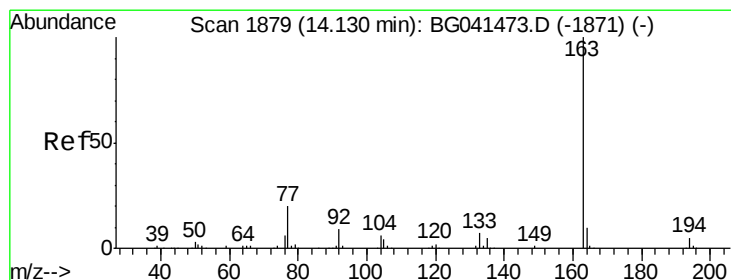
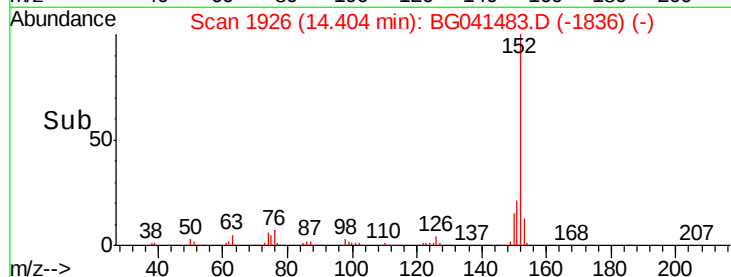
Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time-->



#50

Dimethylphthalate

Concen: 37.335 ng

RT: 14.13 min Scan# 1879

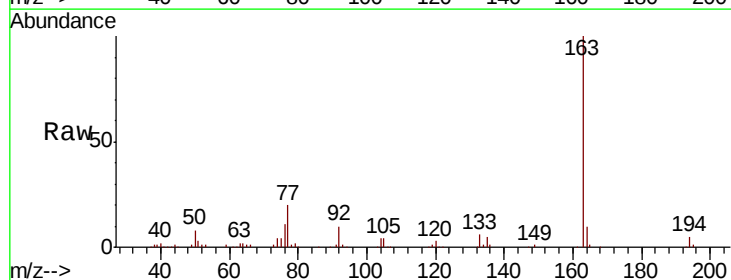
Delta R.T. -0.00 min

Lab File: BG041483.D

Acq: 27 Jun 2019 9:56

Tgt Ion:163 Resp: 270462

Ion	Ratio	Lower	Upper
163	100		
194	5.2	3.7	5.5
164	10.4	7.8	11.6

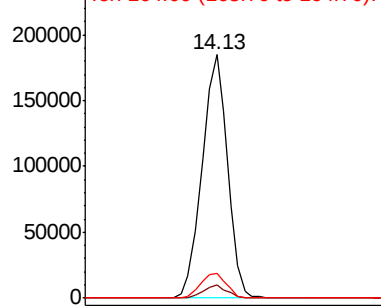


Abundance

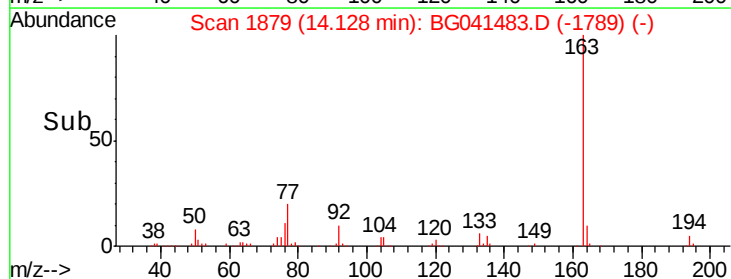
Ion 163.00 (162.70 to 163.70): E

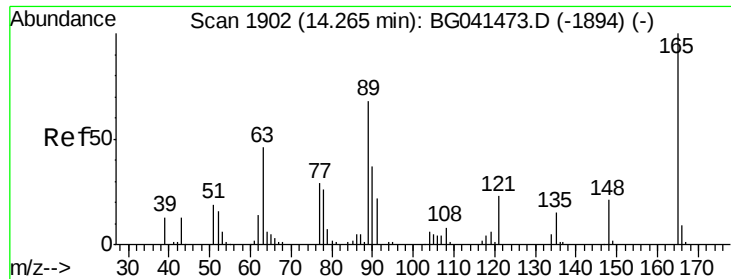
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



Time-->

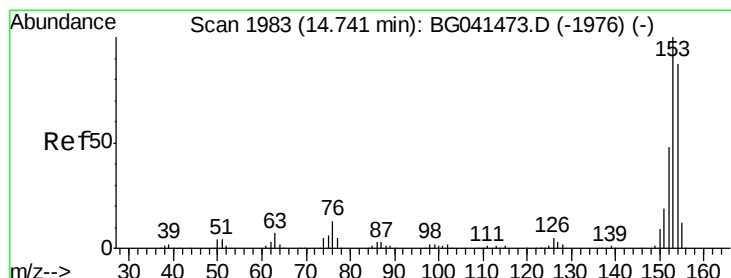
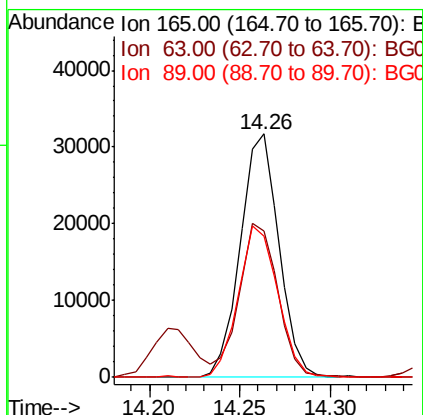
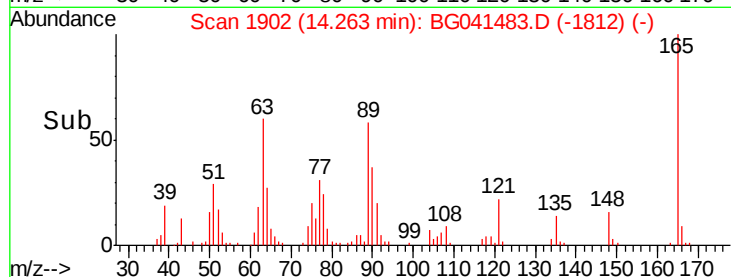
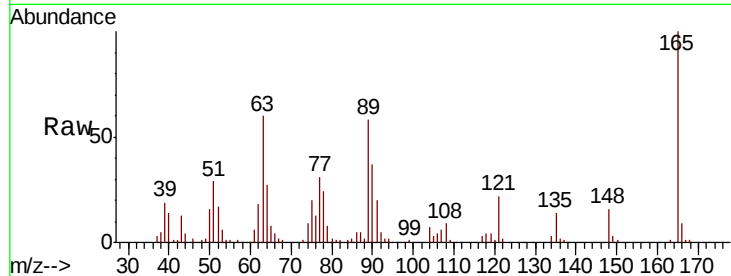




#51
2,6-Dinitrotoluene
Concen: 30.662 ng
RT: 14.26 min Scan# 1902
Delta R.T. -0.00 min
Lab File: BG041483.D
Acq: 27 Jun 2019 9:56

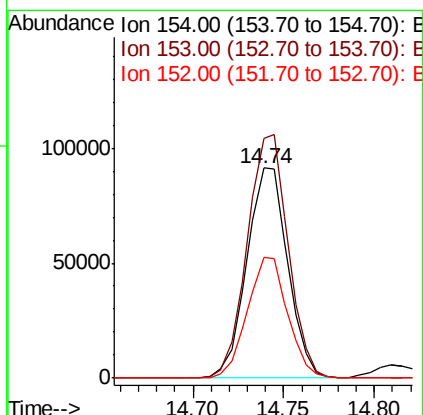
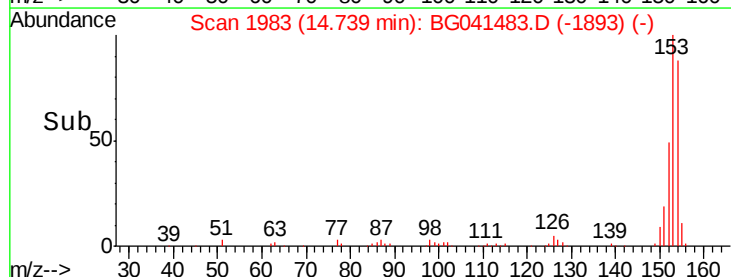
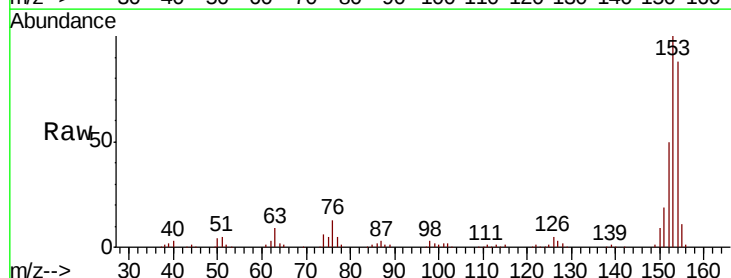
Instrument :
BNA_G
ClientSampled :

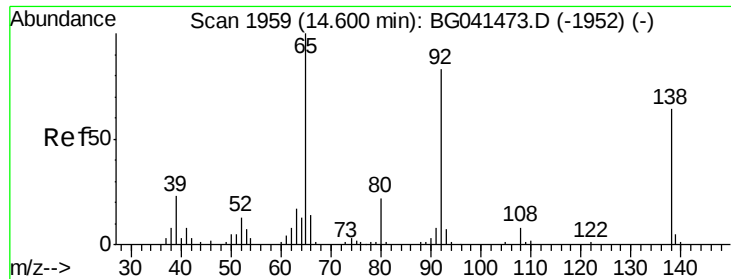
Tot Ion:165 Resp: 47138
Ion Ratio Lower Upper
165 100
63 60.4 56.4 84.6
89 58.0 54.6 81.8



#52
Acenaphthene
Concen: 29.958 ng
RT: 14.74 min Scan# 1983
Delta R.T. -0.00 min
Lab File: BG041483.D
Acq: 27 Jun 2019 9:56

Tgt Ion:154 Resp: 143257
Ion Ratio Lower Upper
154 100
153 114.3 92.2 138.4
152 57.2 44.1 66.1





#53

3-Nitroaniline

Concen: 14.426 ng

RT: 14.60 min Scan# 1959

Delta R.T. -0.00 min

Lab File: BG041483.D

Acq: 27 Jun 2019 9:56

Instrument :

BNA_G

ClientSampleId :

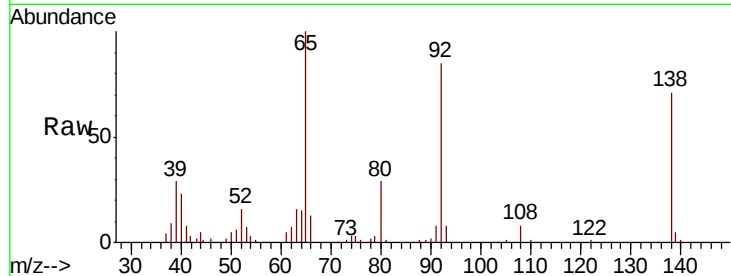
Tot Ion:138 Resp: 21172

Ion Ratio Lower Upper

138 100

108 11.8 9.5 14.3

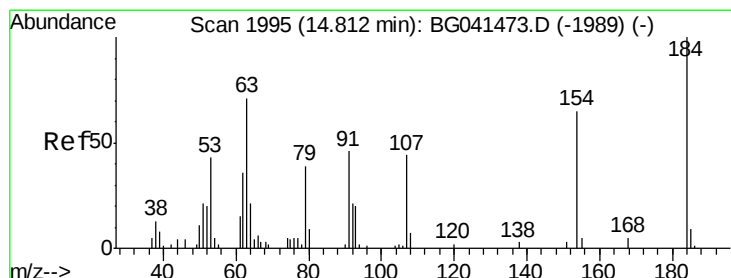
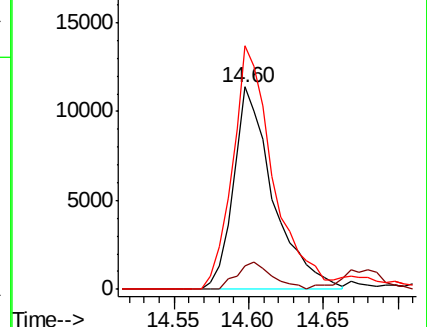
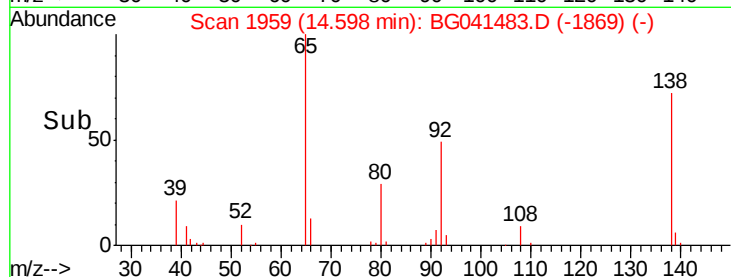
92 120.2 103.3 154.9



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 27.141 ng

RT: 14.81 min Scan# 1995

Delta R.T. -0.00 min

Lab File: BG041483.D

Acq: 27 Jun 2019 9:56

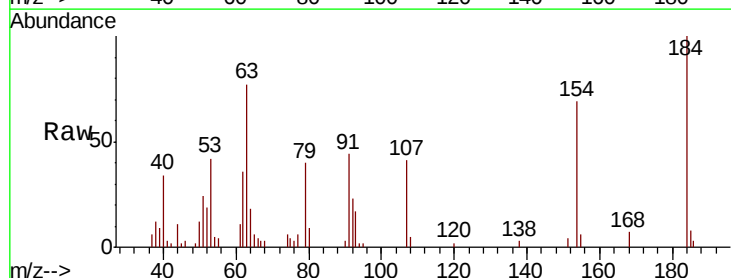
Tgt Ion:184 Resp: 20282

Ion Ratio Lower Upper

184 100

63 76.8 56.5 84.7

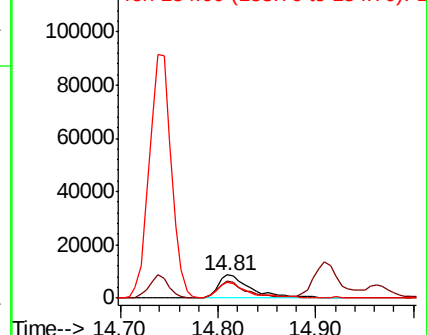
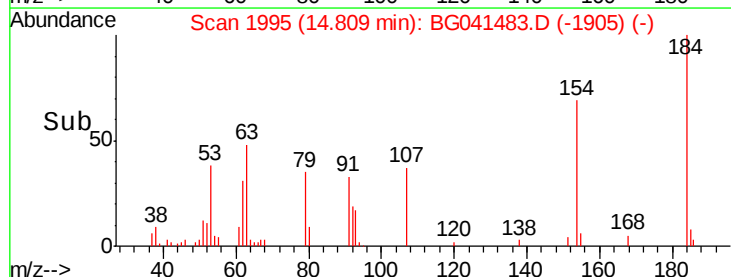
154 69.3 54.2 81.4

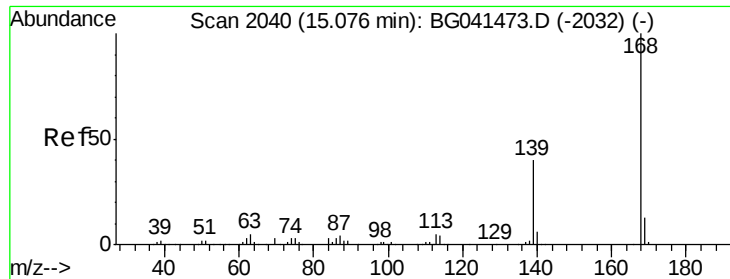


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

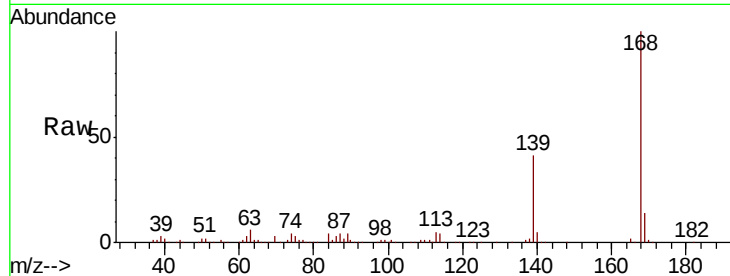




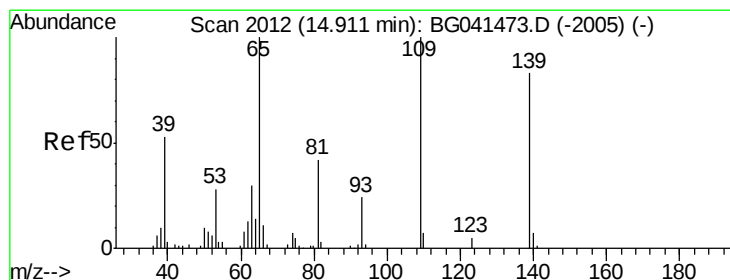
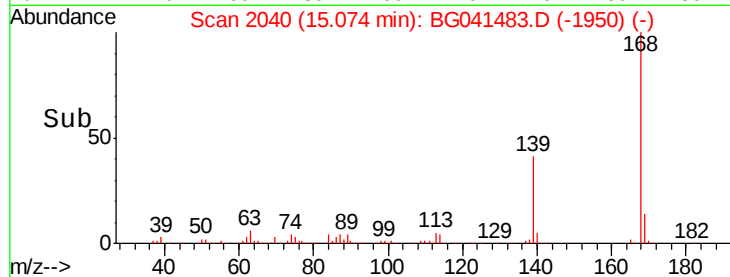
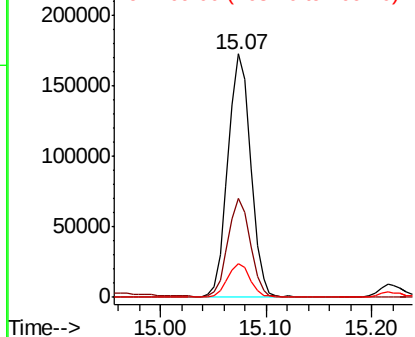
#55
Dibenzenofuran
Concen: 30.938 ng
RT: 15.07 min Scan# 2040
Delta R.T. -0.00 min
Lab File: BG041483.D
Acq: 27 Jun 2019 9:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion:168 Resp: 257554
Ion Ratio Lower Upper
168 100
139 40.7 32.2 48.4
169 13.7 10.6 16.0

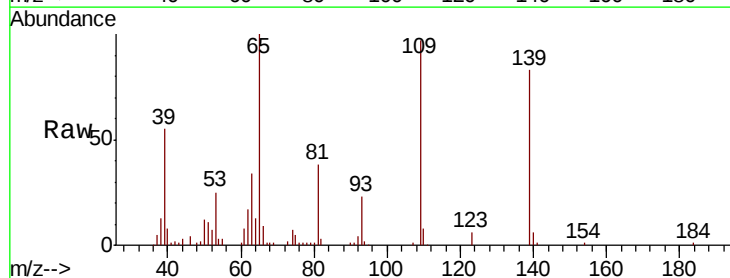


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

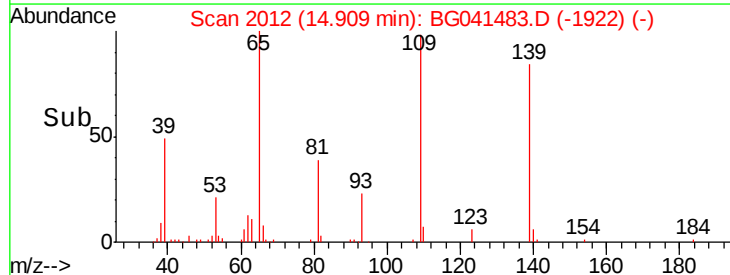
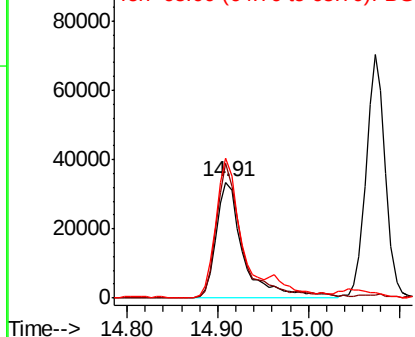


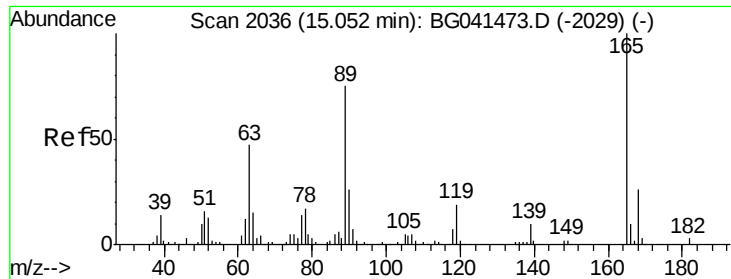
#56
4-Nitrophenol
Concen: 74.298 ng
RT: 14.91 min Scan# 2012
Delta R.T. -0.00 min
Lab File: BG041483.D
Acq: 27 Jun 2019 9:56

Tgt Ion:139 Resp: 70371
Ion Ratio Lower Upper
139 100
109 116.6 99.9 139.9
65 120.2 100.6 140.6



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

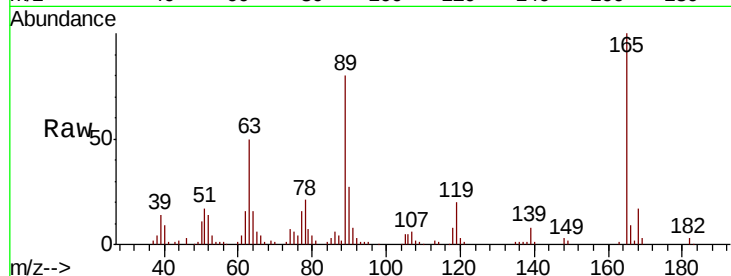




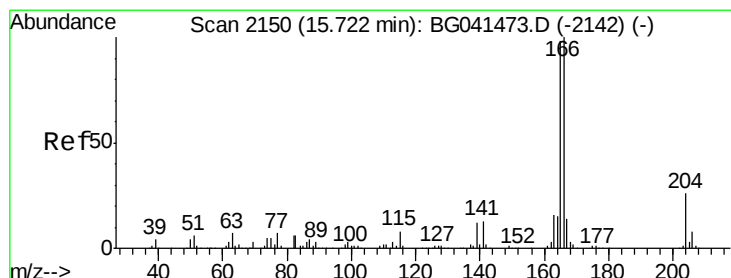
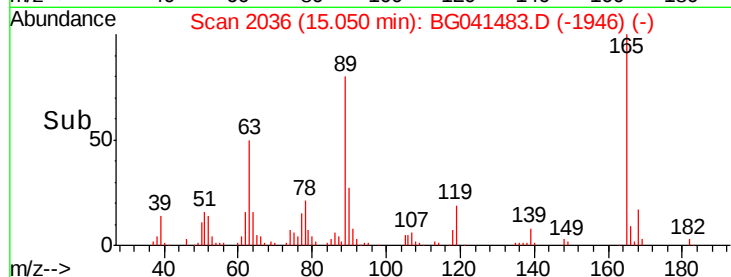
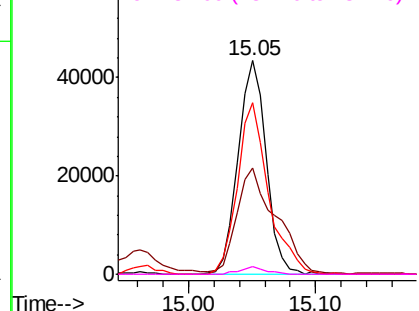
#57
 2,4-Dinitrotoluene
 Concen: 29.614 ng
 RT: 15.05 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: BG041483.D
 Acq: 27 Jun 2019 9:56

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	165	Resp	66046
Ion Ratio	Lower	Upper	
165	100		
63	49.7	38.8	58.2
89	80.5	60.1	90.1
182	3.4	2.2	3.2

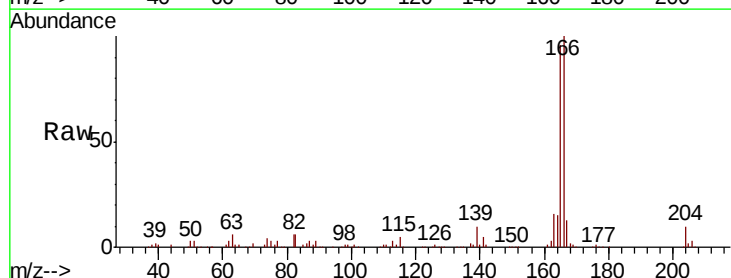


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

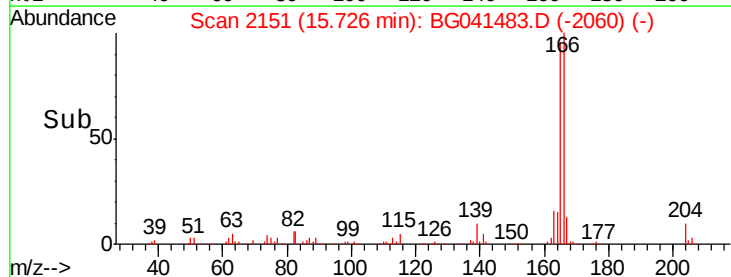
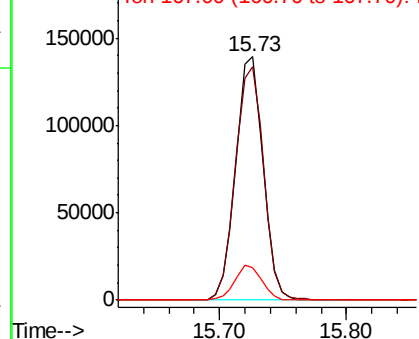


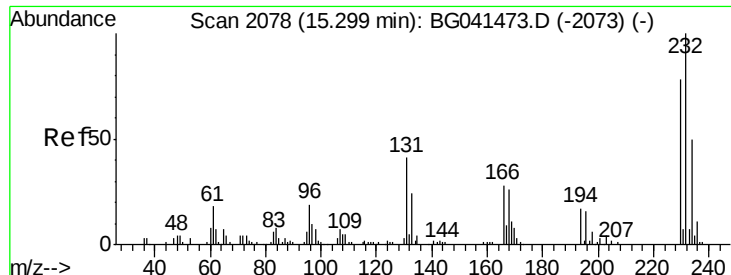
#58
 Fluorene
 Concen: 31.298 ng
 RT: 15.73 min Scan# 2151
 Delta R.T. 0.00 min
 Lab File: BG041483.D
 Acq: 27 Jun 2019 9:56

Tgt Ion	166	Resp	207278
Ion Ratio	Lower	Upper	
166	100		
165	95.6	78.6	117.8
167	13.3	11.4	17.0



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

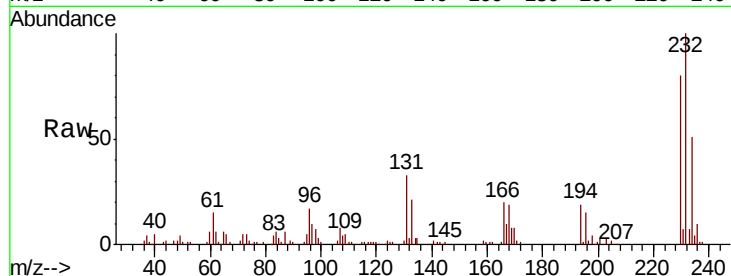




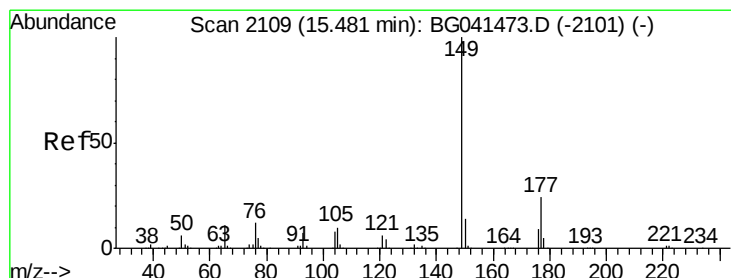
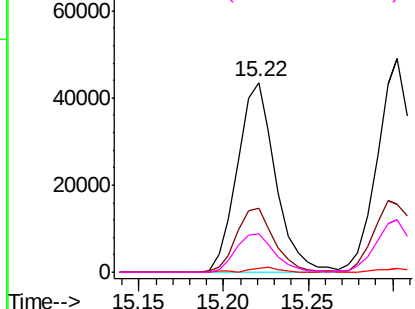
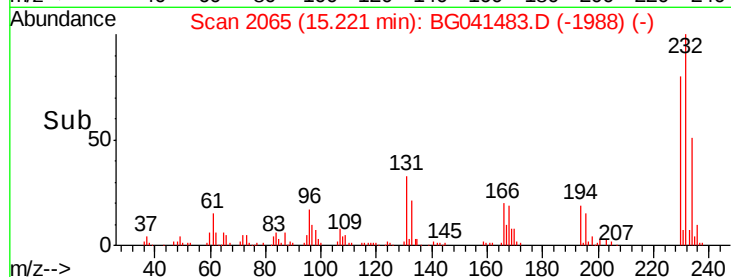
#59
2,3,4,6-Tetrachlorophenol
Concen: 31.438 ng
RT: 15.22 min Scan# 2065
Delta R.T. -0.08 min
Lab File: BG041483.D
Acq: 27 Jun 2019 9:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	33.4	29.8	44.6
130	2.0	2.0	3.0
166	20.4	20.2	30.2

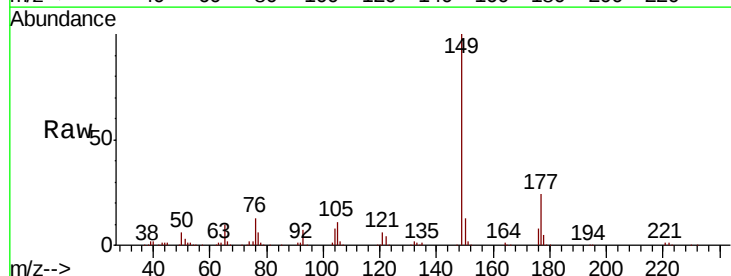


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

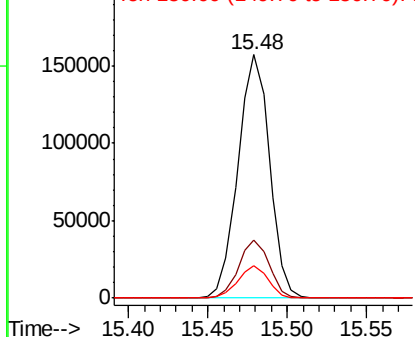
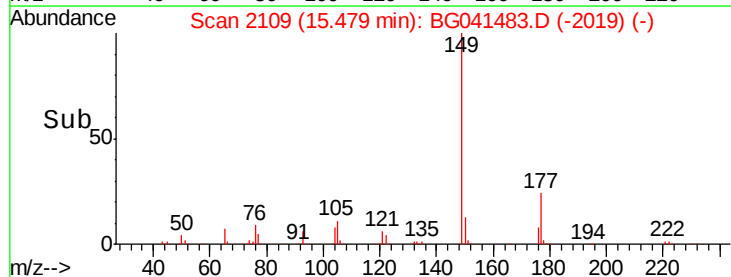


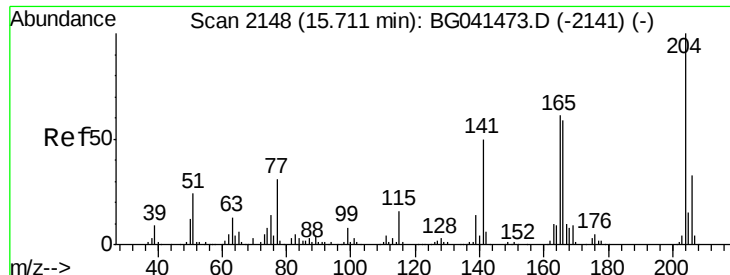
#60
Diethylphthalate
Concen: 29.182 ng
RT: 15.48 min Scan# 2109
Delta R.T. -0.00 min
Lab File: BG041483.D
Acq: 27 Jun 2019 9:56

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.9	19.2	28.8
150	13.2	11.2	16.8



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

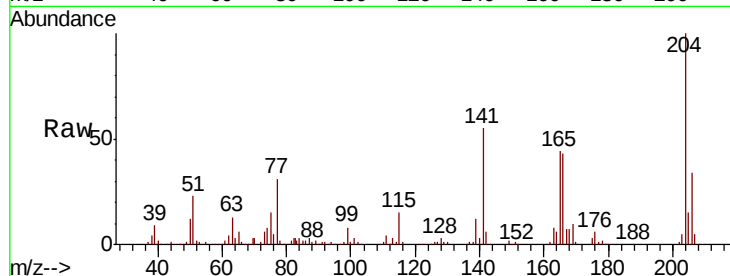




#61
 4-Chlorophenyl-phenylether
 Concen: 29.977 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.00 min
 Lab File: BG041483.D
 Acq: 27 Jun 2019 9:56

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.8	26.6	40.0
141	54.9	40.1	60.1

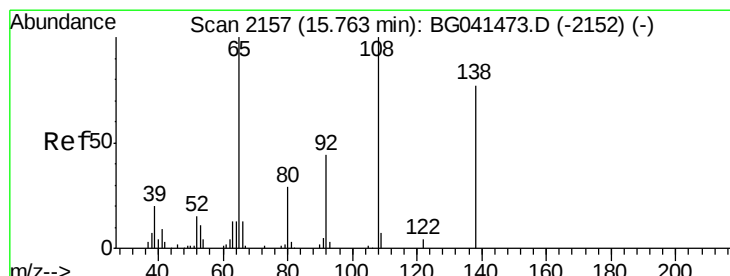
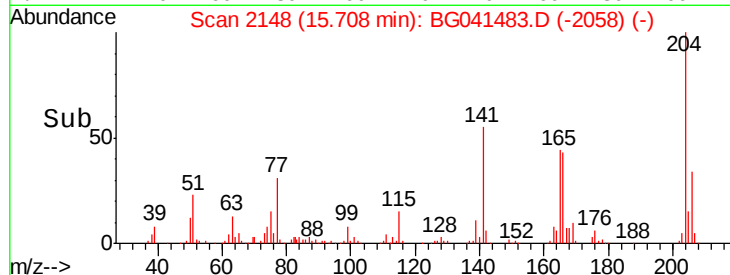
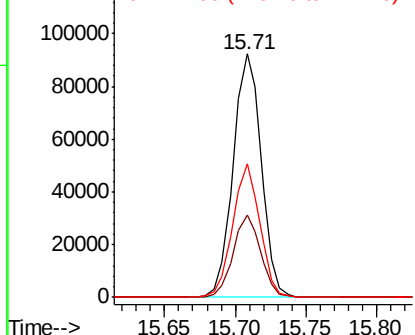


Abundance

Ion 204.00 (203.70 to 204.70): E

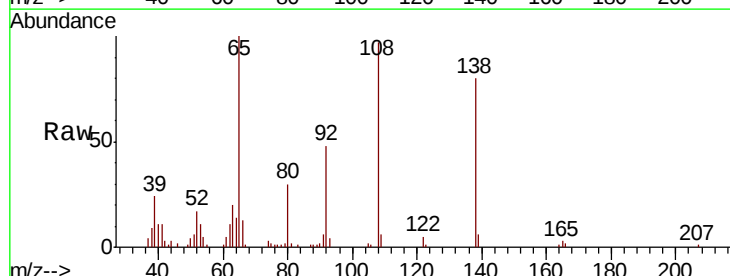
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
 4-Nitroaniline
 Concen: 27.797 ng
 RT: 15.77 min Scan# 2158
 Delta R.T. 0.00 min
 Lab File: BG041483.D
 Acq: 27 Jun 2019 9:56

Tgt Ion	Ratio	Lower	Upper
138	100		
92	60.5	34.9	74.9
108	121.7	105.5	145.5

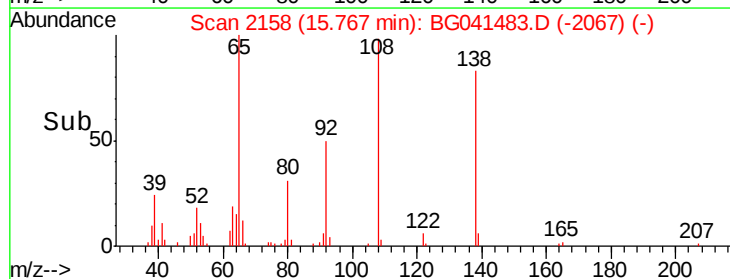
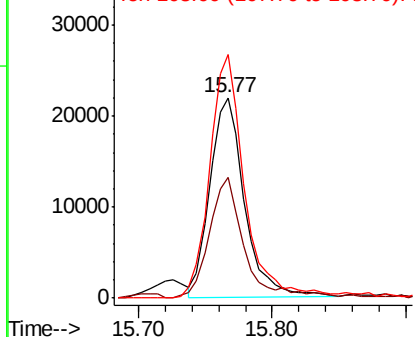


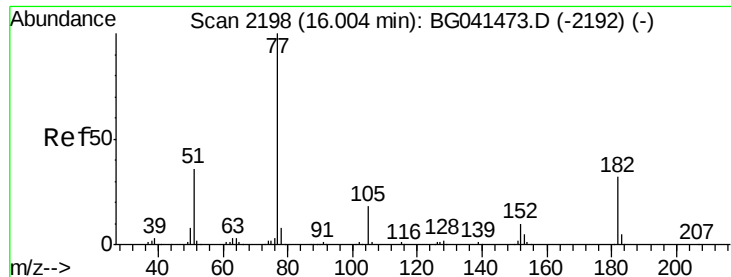
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 31.181 ng

RT: 16.00 min Scan# 2198

Delta R.T. -0.00 min

Lab File: BG041483.D

Acq: 27 Jun 2019 9:56

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 194938

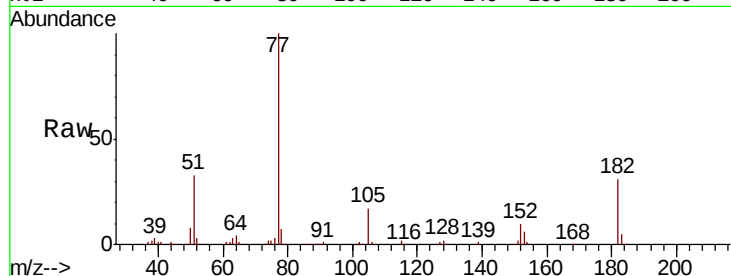
Ion Ratio Lower Upper

77 100

182 31.4 12.2 52.2

105 17.4 0.0 38.1

51 33.4 15.9 55.9

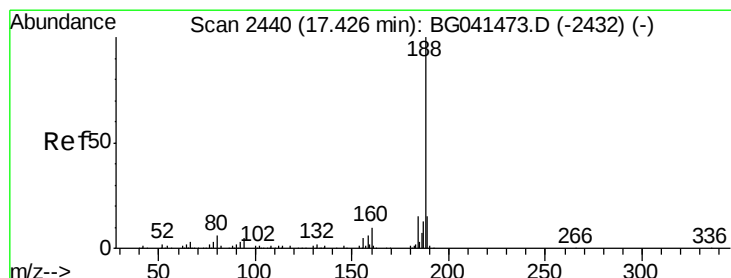
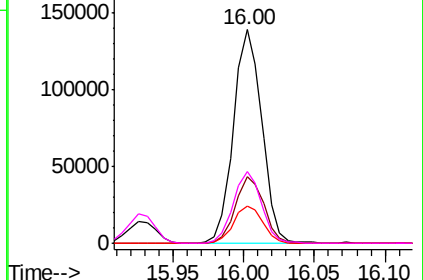
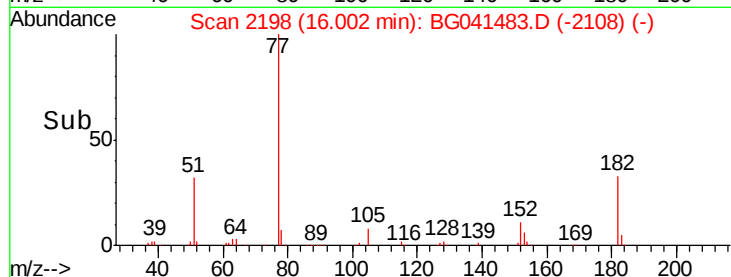


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2440

Delta R.T. -0.00 min

Lab File: BG041483.D

Acq: 27 Jun 2019 9:56

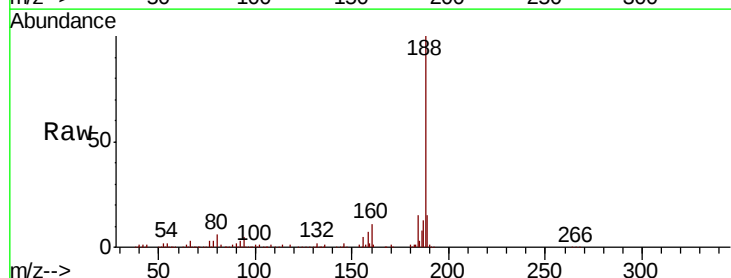
Tgt Ion: 188 Resp: 209879

Ion Ratio Lower Upper

188 100

94 4.7 3.8 5.8

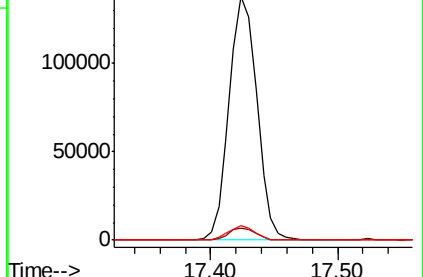
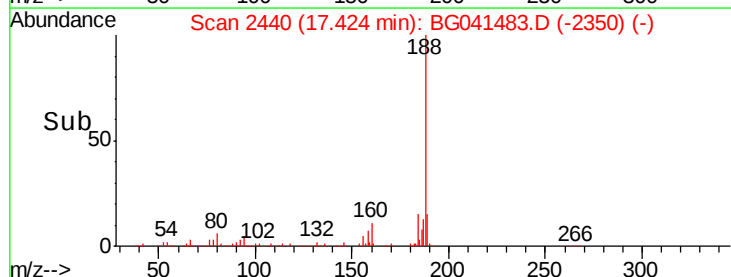
80 5.8 4.8 7.2

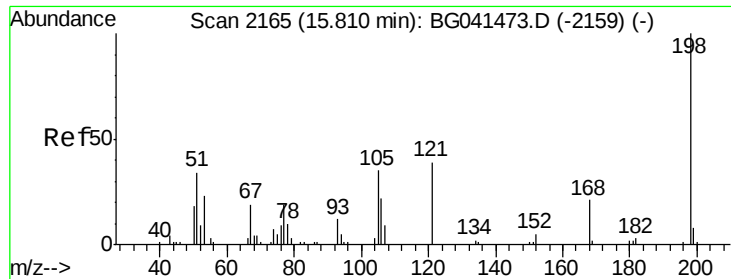


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

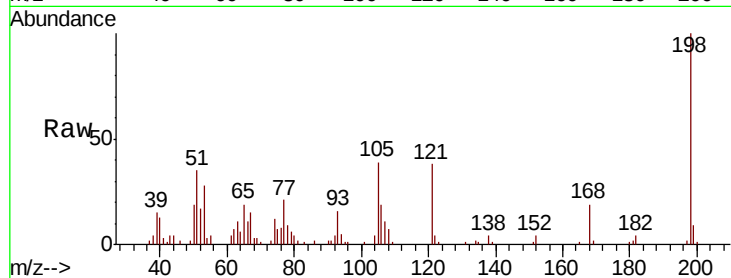




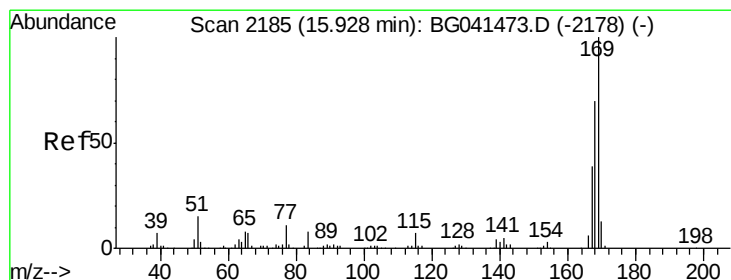
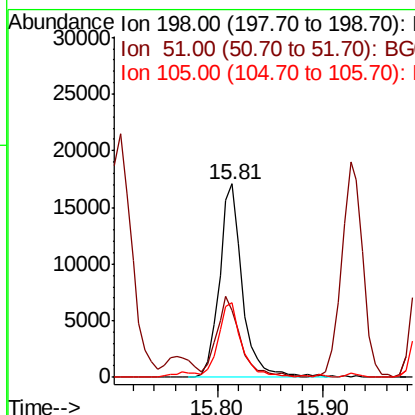
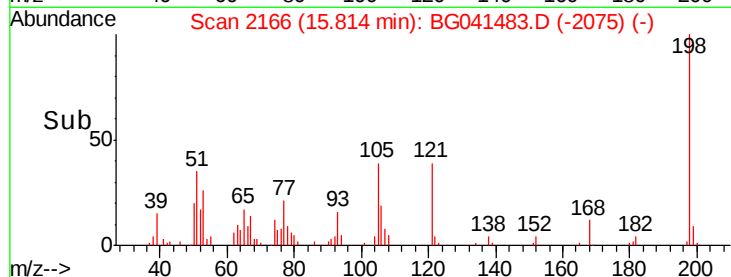
#65
 4,6-Dinitro-2-methylphenol
 Concen: 19.903 ng
 RT: 15.81 min Scan# 2166
 Delta R.T. 0.00 min
 Lab File: BG041483.D
 Acq: 27 Jun 2019 9:56

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:198 Resp: 25871
 Ion Ratio Lower Upper
 198 100
 51 34.7 19.0 59.0
 105 38.6 16.1 56.1

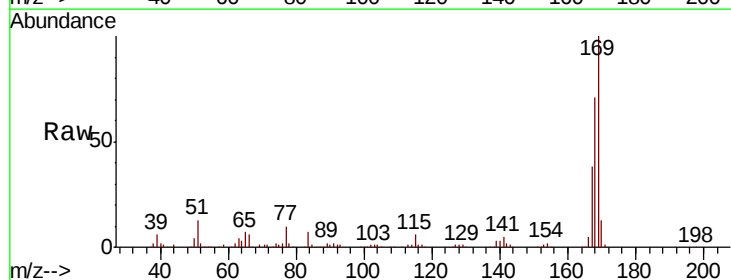


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

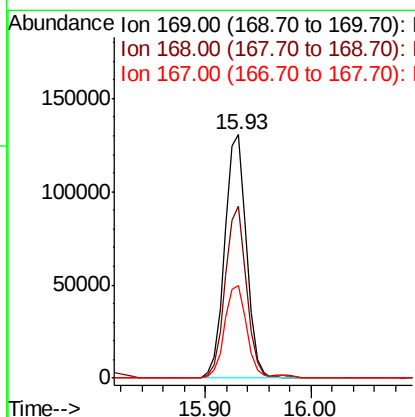
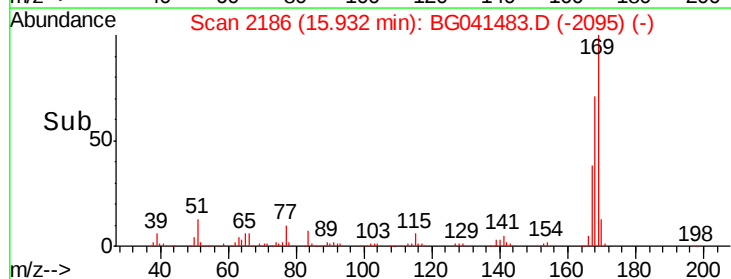


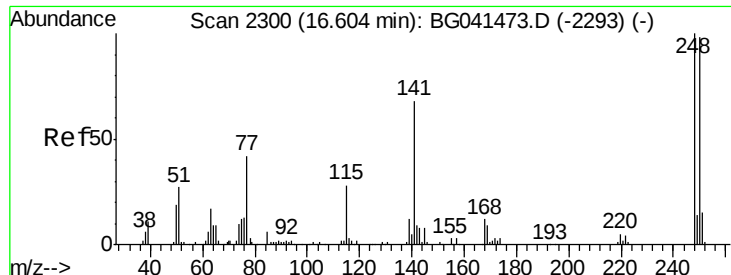
#66
 n-Nitrosodiphenylamine
 Concen: 32.002 ng
 RT: 15.93 min Scan# 2186
 Delta R.T. 0.00 min
 Lab File: BG041483.D
 Acq: 27 Jun 2019 9:56

Tgt Ion:169 Resp: 184853
 Ion Ratio Lower Upper
 169 100
 168 70.8 56.2 84.4
 167 37.9 31.0 46.6



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

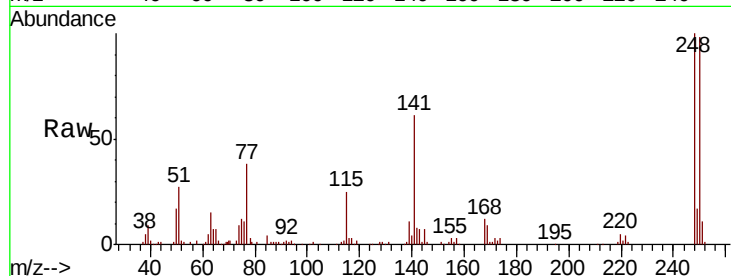




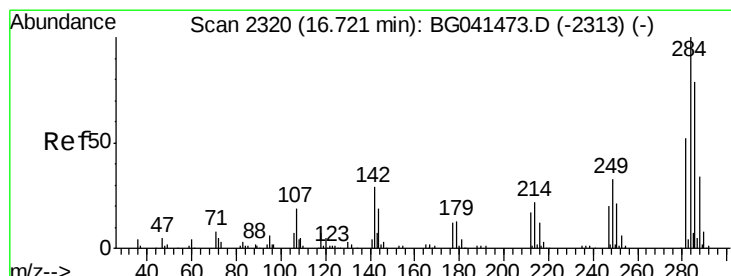
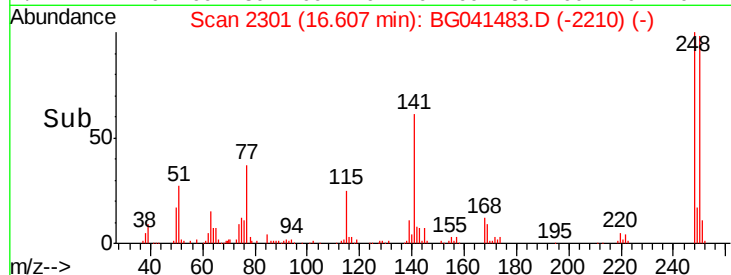
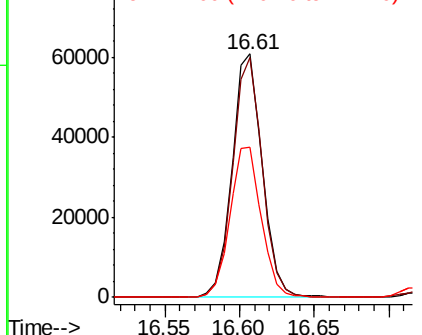
#67
 4-Bromophenyl-phenylether
 Concen: 29.824 ng
 RT: 16.61 min Scan# 2301
 Delta R.T. 0.00 min
 Lab File: BG041483.D
 Acq: 27 Jun 2019 9:56

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 85539
 Ion Ratio Lower Upper
 248 100
 250 98.3 78.1 117.1
 141 61.4 54.1 81.1

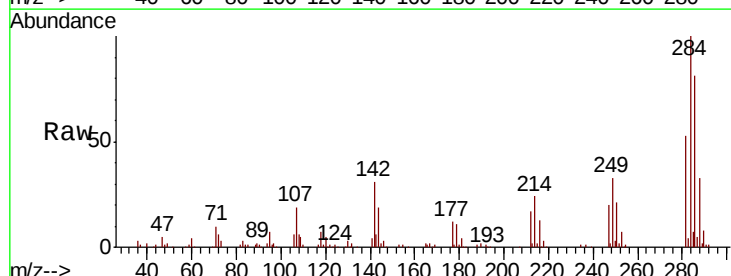


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

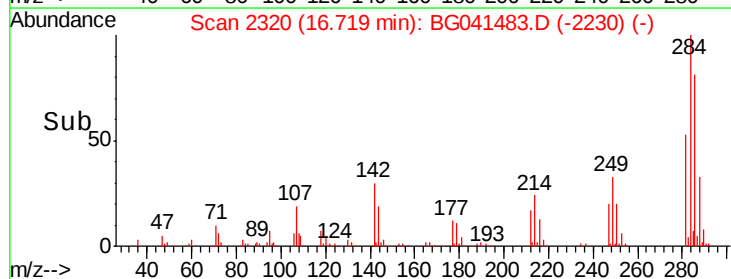
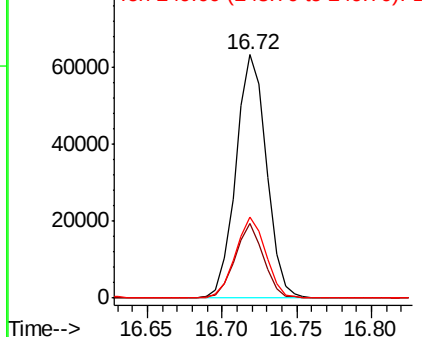


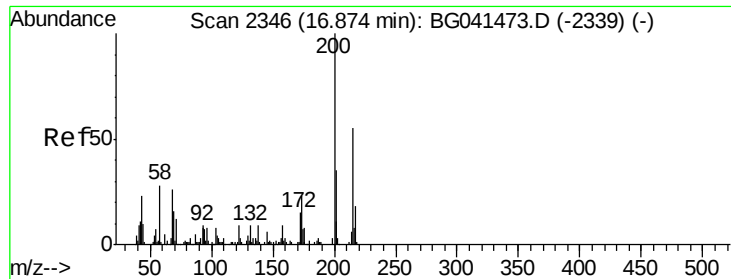
#68
 Hexachlorobenzene
 Concen: 29.193 ng
 RT: 16.72 min Scan# 2320
 Delta R.T. -0.00 min
 Lab File: BG041483.D
 Acq: 27 Jun 2019 9:56

Tgt Ion:284 Resp: 90211
 Ion Ratio Lower Upper
 284 100
 142 30.7 22.9 34.3
 249 33.0 26.1 39.1



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E

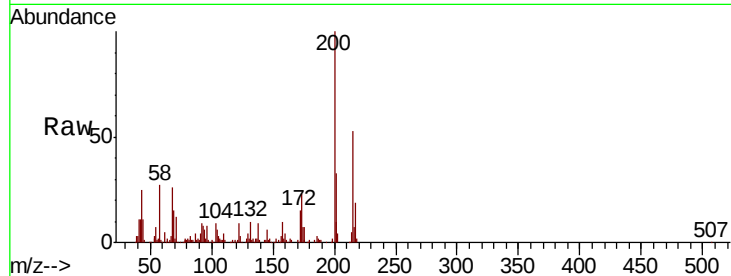




#69
Atrazine
Concen: 30.511 ng
RT: 16.87 min Scan# 2346
Delta R.T. -0.00 min
Lab File: BG041483.D
Acq: 27 Jun 2019 9:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	23.2	3.1	43.1
215	53.1	34.7	74.7

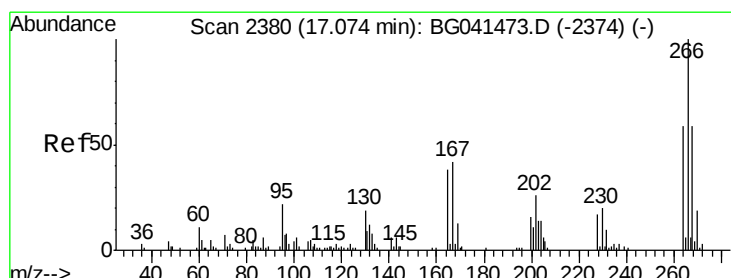
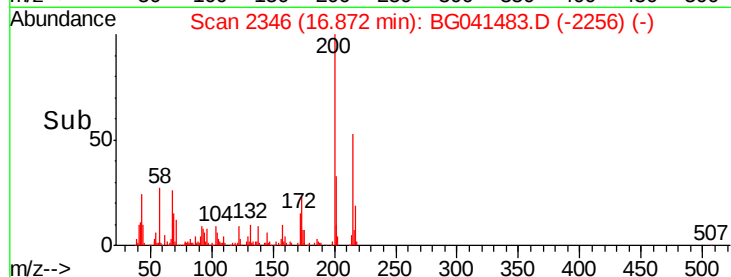
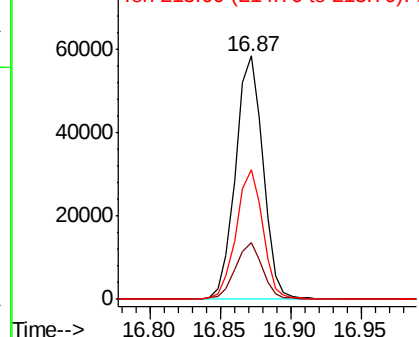


Abundance

Ion 200.00 (199.70 to 200.70): E

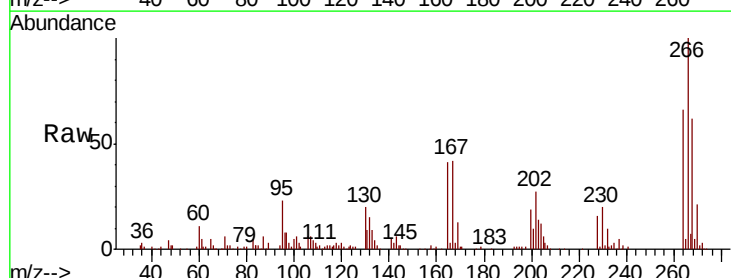
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 72.717 ng
RT: 17.07 min Scan# 2380
Delta R.T. -0.00 min
Lab File: BG041483.D
Acq: 27 Jun 2019 9:56

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.8	47.0	70.4
264	65.6	47.4	71.0

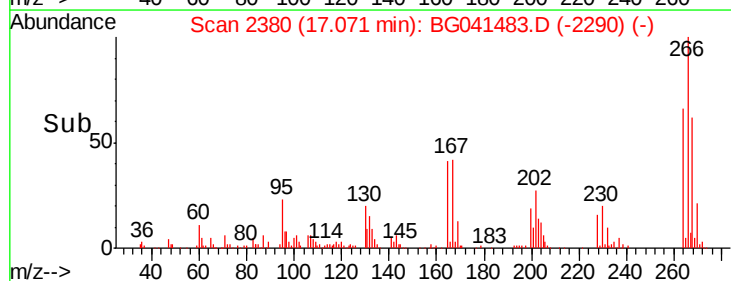
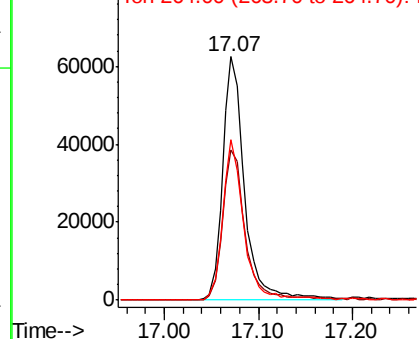


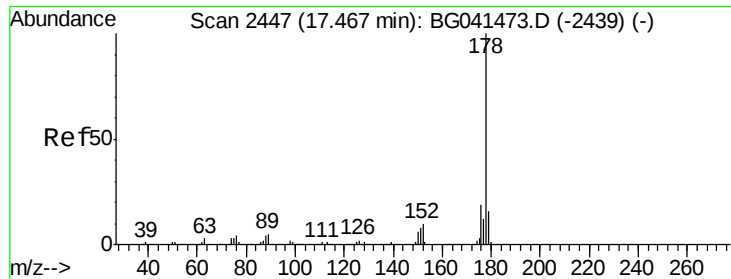
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

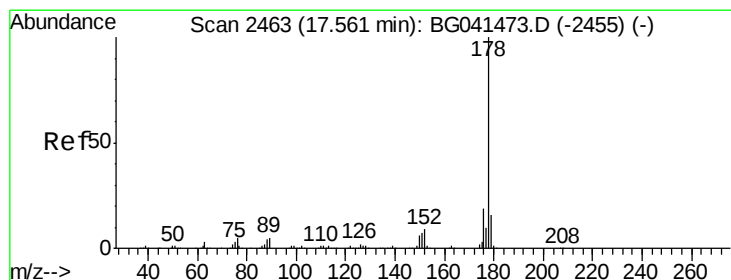
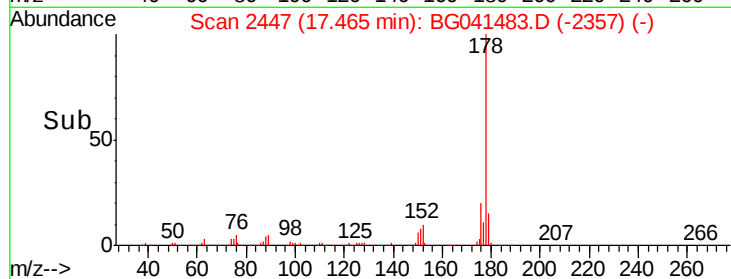
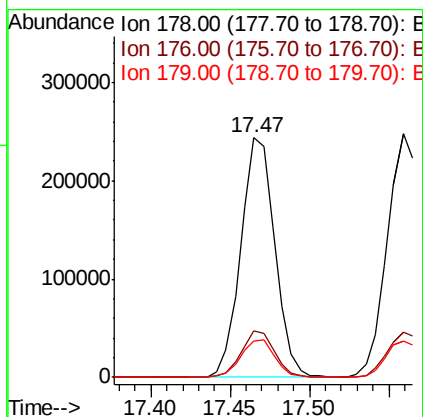
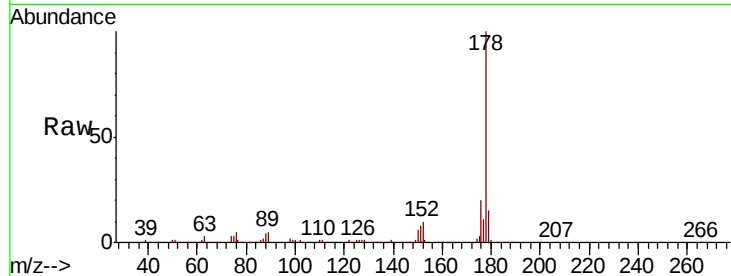




#71
Phenanthrene
Concen: 31.375 ng
RT: 17.47 min Scan# 2447
Delta R.T. -0.00 min
Lab File: BG041483.D
Acq: 27 Jun 2019 9:56

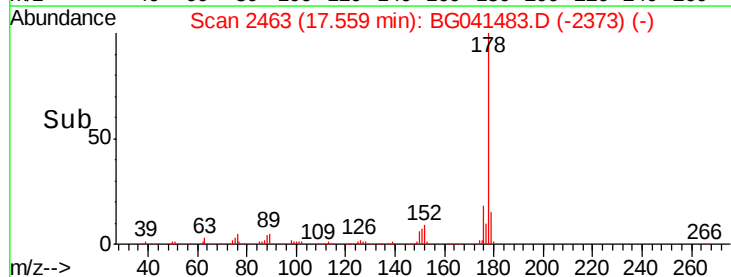
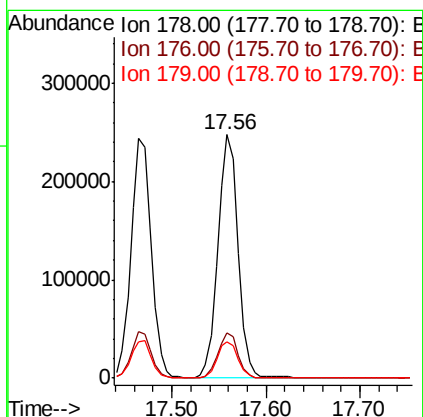
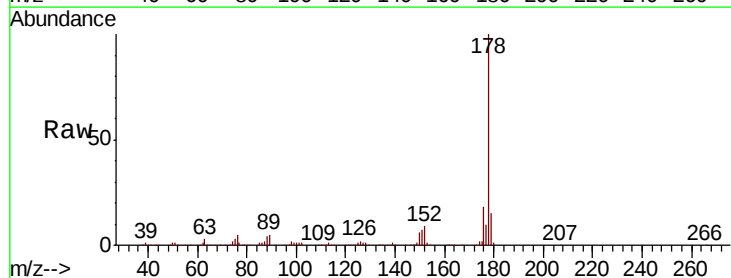
Instrument :
BNA_G
ClientSampleId :

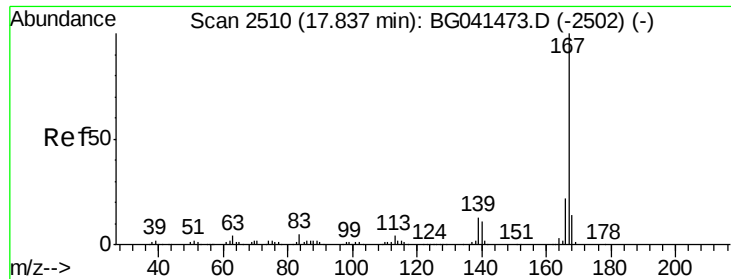
Tot Ion:178 Resp: 362804
Ion Ratio Lower Upper
178 100
176 19.6 15.4 23.0
179 15.2 13.0 19.4



#72
Anthracene
Concen: 32.002 ng
RT: 17.56 min Scan# 2463
Delta R.T. -0.00 min
Lab File: BG041483.D
Acq: 27 Jun 2019 9:56

Tgt Ion:178 Resp: 370265
Ion Ratio Lower Upper
178 100
176 18.5 14.8 22.2
179 15.1 12.8 19.2

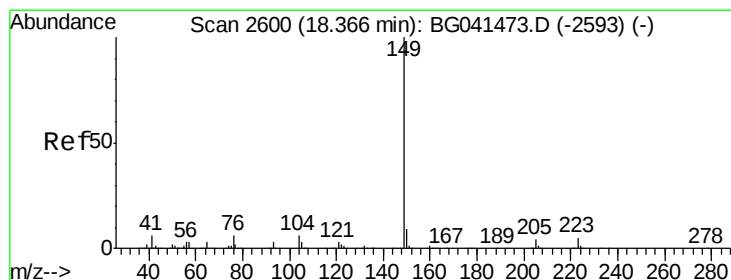
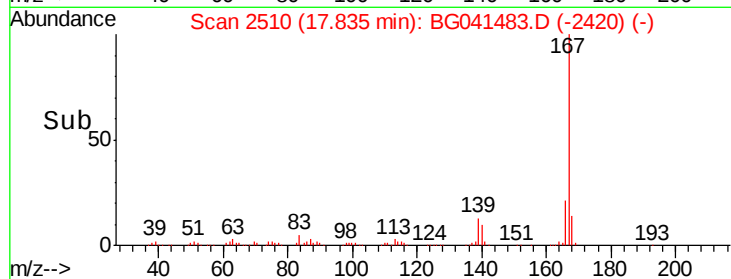
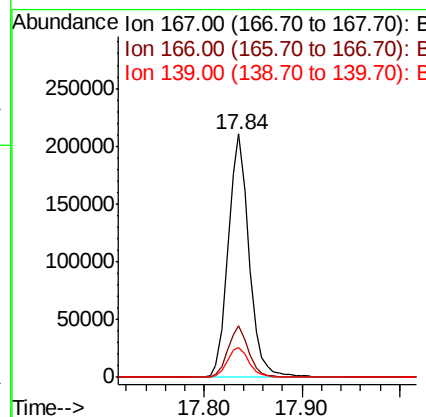
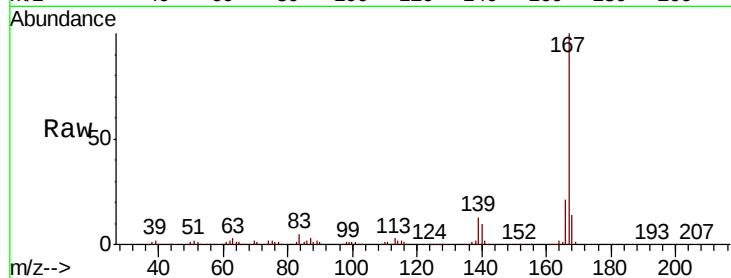




#73
 Carbazole
 Concen: 31.783 ng
 RT: 17.84 min Scan# 2510
 Delta R.T. -0.00 min
 Lab File: BG041483.D
 Acq: 27 Jun 2019 9:56

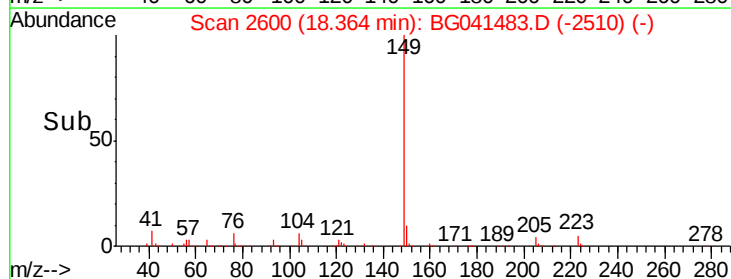
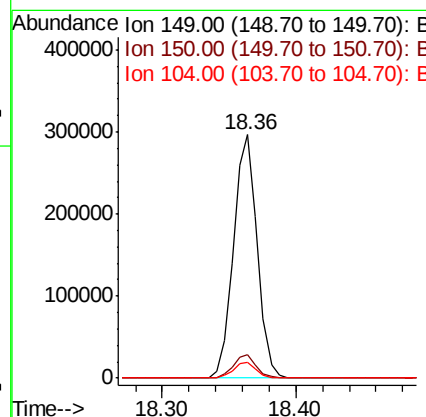
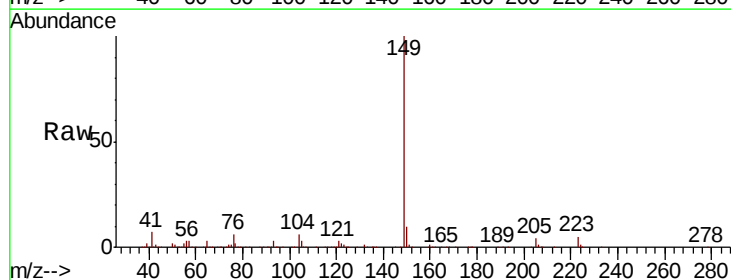
Instrument :
 BNA_G
 ClientSampled :

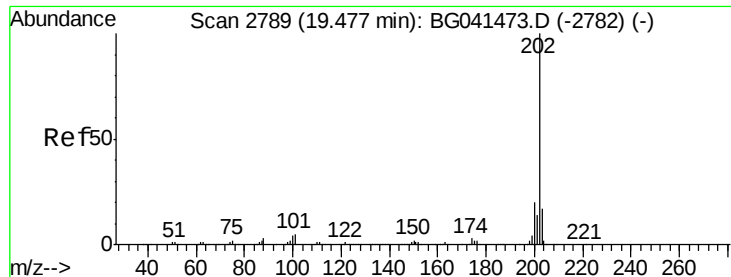
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.8	26.6
139	12.5	10.8	16.2



#74
 Di-n-butylphthalate
 Concen: 29.766 ng
 RT: 18.36 min Scan# 2600
 Delta R.T. -0.00 min
 Lab File: BG041483.D
 Acq: 27 Jun 2019 9:56

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.5	11.3
104	6.3	5.0	7.6





#75

Fluoranthene

Concen: 30.438 ng

RT: 19.47 min Scan# 2789

Delta R.T. -0.00 min

Lab File: BG041483.D

Acq: 27 Jun 2019 9:56

Instrument :

BNA_G

ClientSampleId :

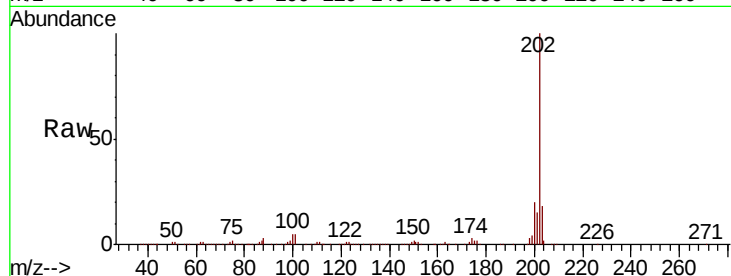
Tot Ion:202 Resp: 469272

Ion Ratio Lower Upper

202 100

101 5.3 0.0 24.9

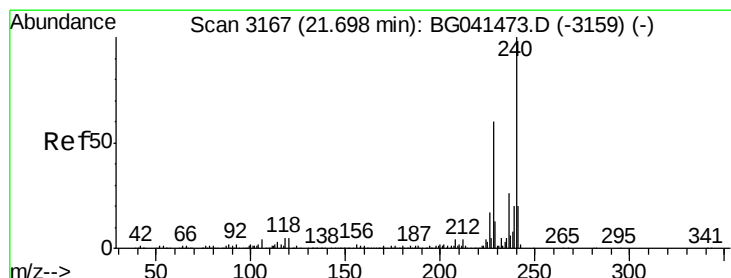
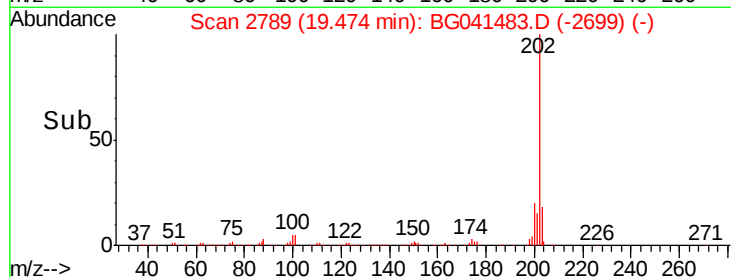
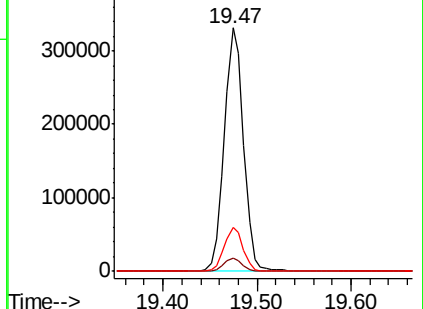
203 18.3 0.0 37.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3168

Delta R.T. 0.00 min

Lab File: BG041483.D

Acq: 27 Jun 2019 9:56

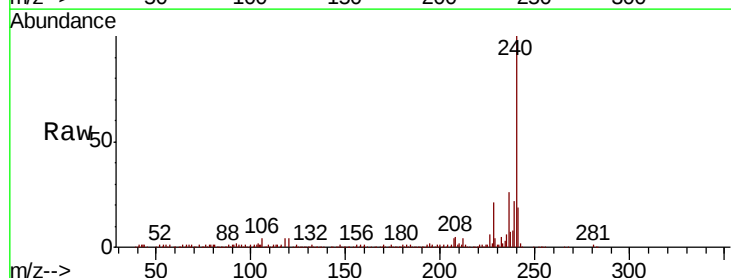
Tgt Ion:240 Resp: 220317

Ion Ratio Lower Upper

240 100

120 4.2 3.7 5.5

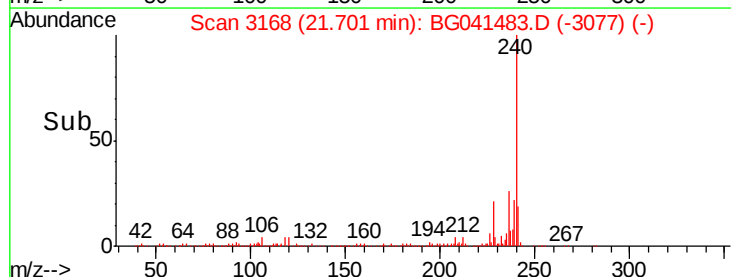
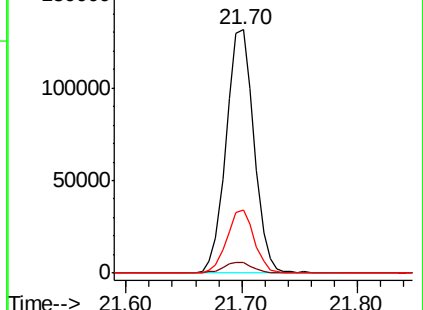
236 25.7 20.8 31.2

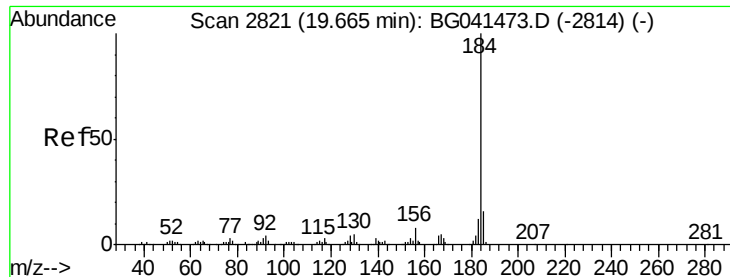


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 6.045 ng

RT: 19.67 min Scan# 2823

Delta R.T. 0.01 min

Lab File: BG041483.D

Acq: 27 Jun 2019 9:56

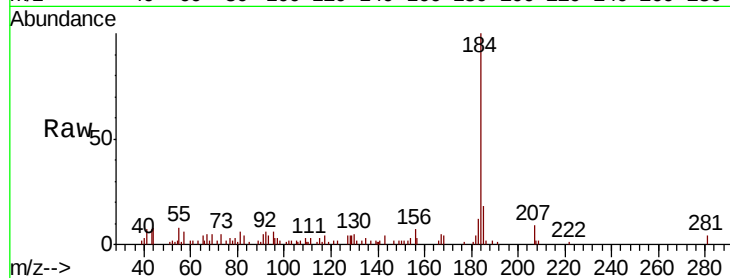
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 29549

Ion	Ratio	Lower	Upper
184	100		
185	17.6	12.7	19.1
183	12.2	9.4	14.2

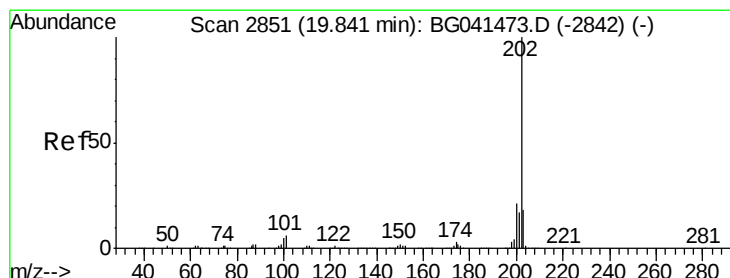
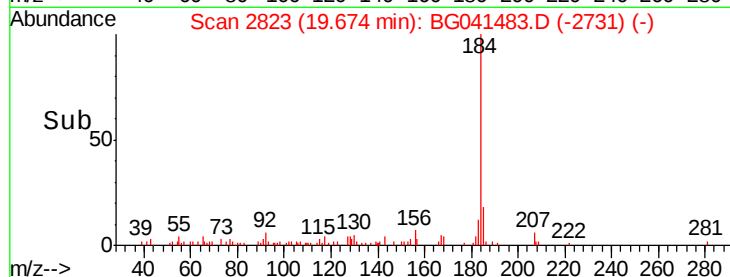
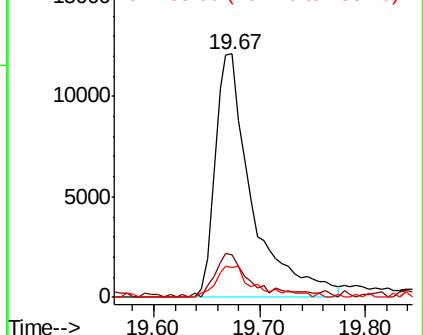


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 31.571 ng

RT: 19.84 min Scan# 2851

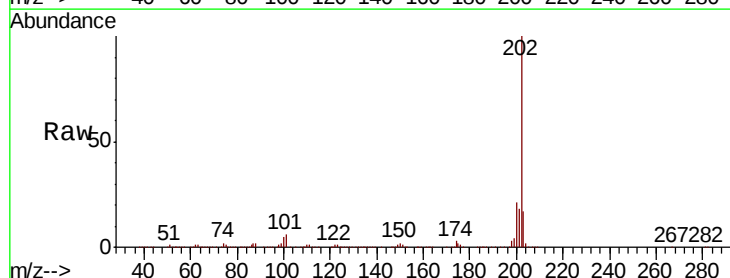
Delta R.T. -0.00 min

Lab File: BG041483.D

Acq: 27 Jun 2019 9:56

Tgt Ion:202 Resp: 474842

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.8	25.2
203	17.3	14.2	21.4

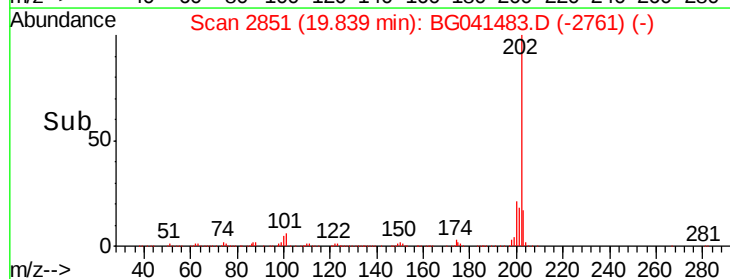
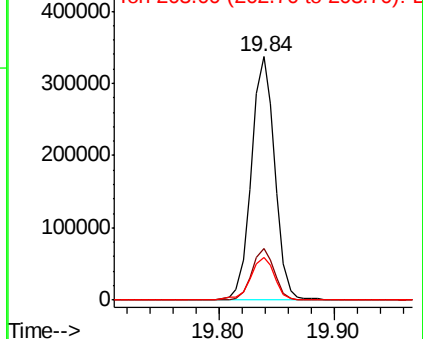


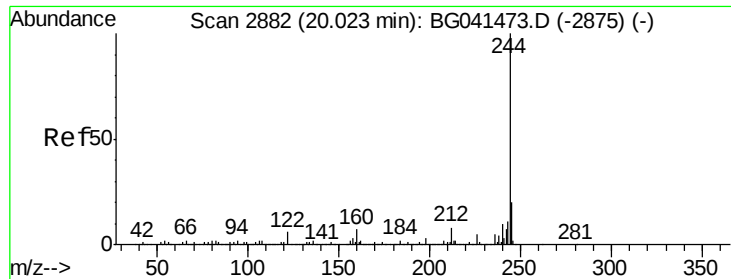
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 72.512 ng

RT: 20.03 min Scan# 2883

Delta R.T. 0.00 min

Lab File: BG041483.D

Acq: 27 Jun 2019 9:56

Instrument :

BNA_G

ClientSampleId :

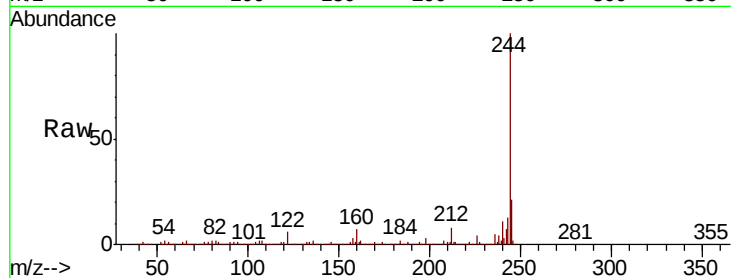
Tot Ion:244 Resp: 751762

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.4

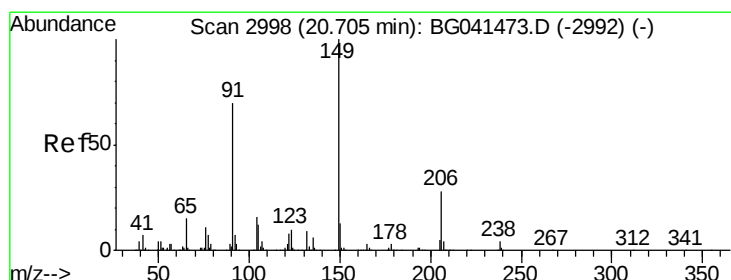
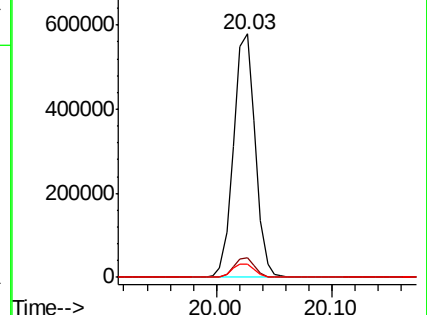
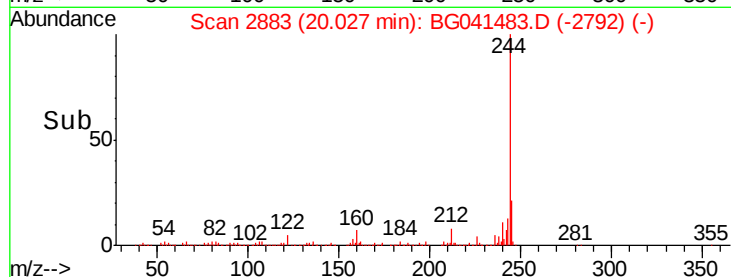
122 5.6 4.8 7.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 29.771 ng

RT: 20.70 min Scan# 2998

Delta R.T. -0.00 min

Lab File: BG041483.D

Acq: 27 Jun 2019 9:56

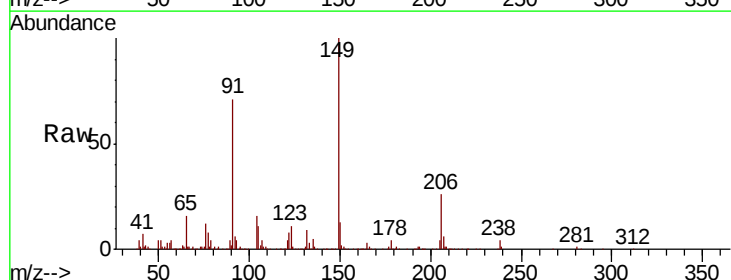
Tgt Ion:149 Resp: 167227

Ion Ratio Lower Upper

149 100

91 70.7 55.9 83.9

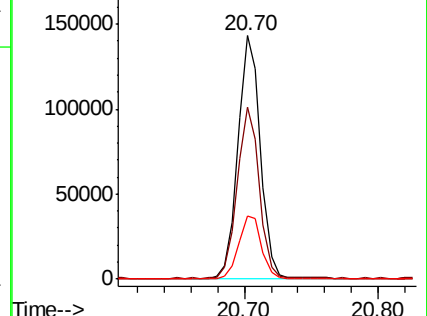
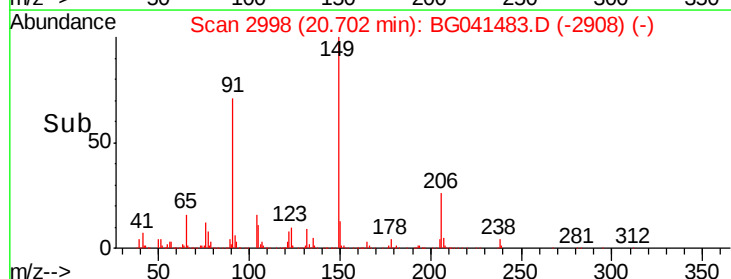
206 26.0 22.1 33.1

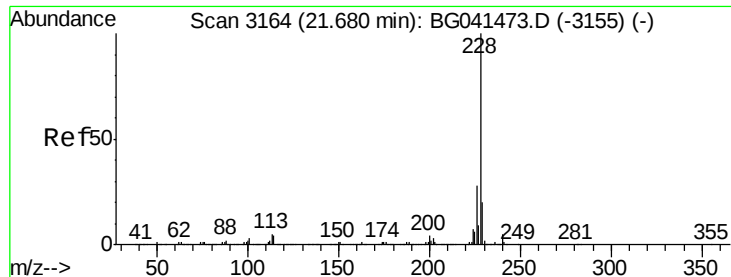


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

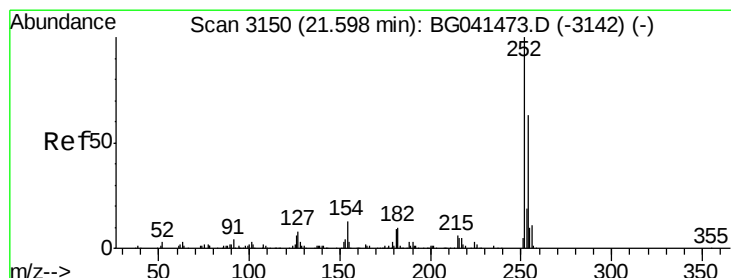
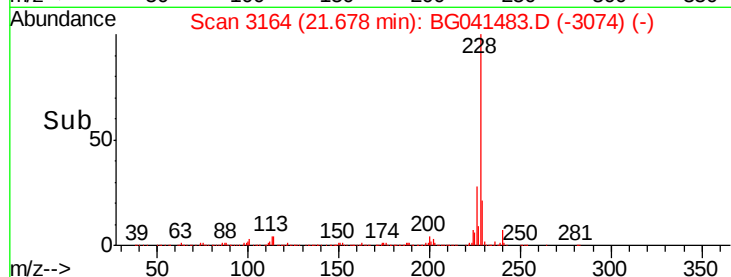
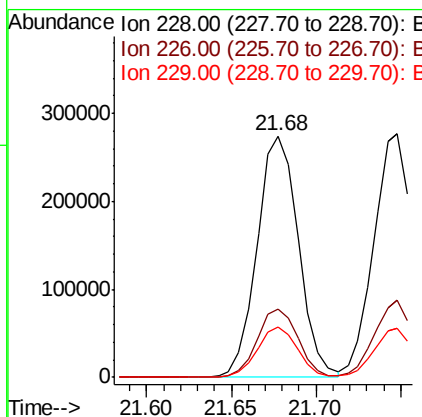
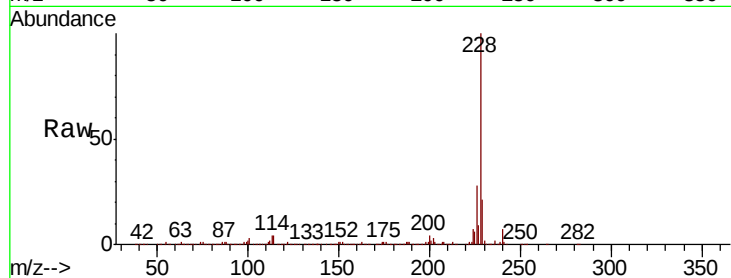




#81
Benzo(a)anthracene
Concen: 30.317 ng
RT: 21.68 min Scan# 3164
Delta R.T. -0.00 min
Lab File: BG041483.D
Acq: 27 Jun 2019 9:56

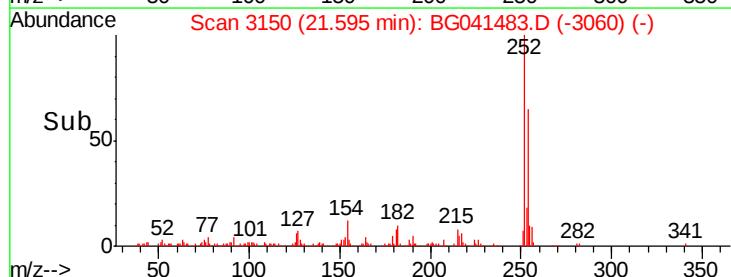
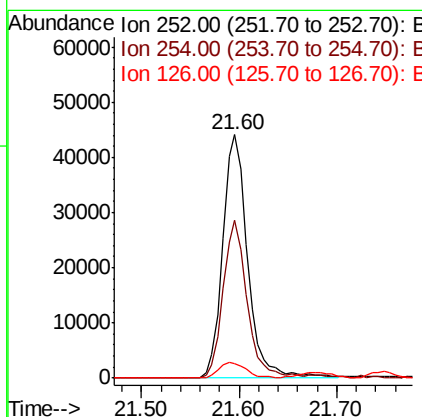
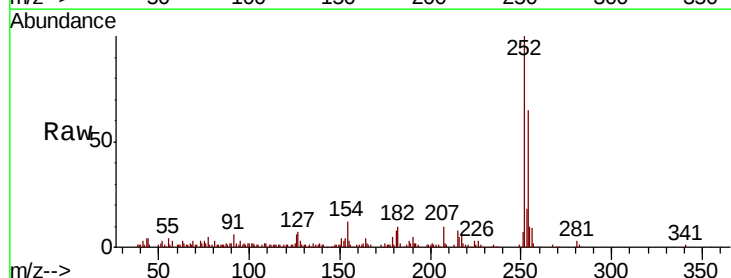
Instrument :
BNA_G
ClientSampleId :

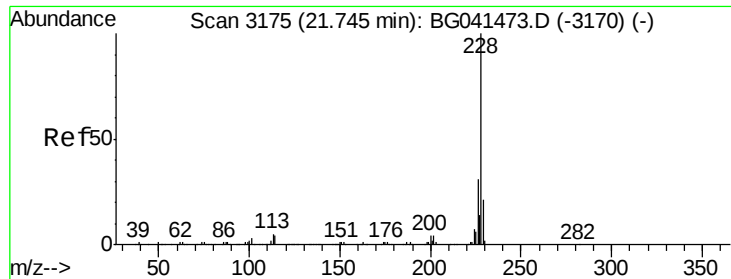
Tot Ion:228 Resp: 464371
Ion Ratio Lower Upper
228 100
226 28.5 22.6 33.8
229 21.0 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 14.750 ng
RT: 21.60 min Scan# 3150
Delta R.T. -0.00 min
Lab File: BG041483.D
Acq: 27 Jun 2019 9:56

Tgt Ion:252 Resp: 78236
Ion Ratio Lower Upper
252 100
254 64.8 50.4 75.6
126 5.7 4.9 7.3





#83

Chrysene

Concen: 30.788 ng

RT: 21.75 min Scan# 3176

Delta R.T. 0.00 min

Lab File: BG041483.D

Acq: 27 Jun 2019 9:56

Instrument :

BNA_G

ClientSampleId :

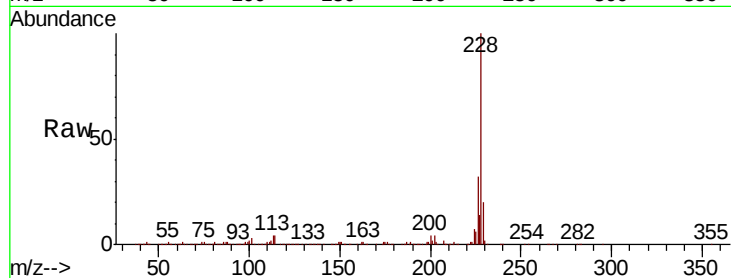
Tot Ion:228 Resp: 456471

Ion Ratio Lower Upper

228 100

226 31.7 25.0 37.4

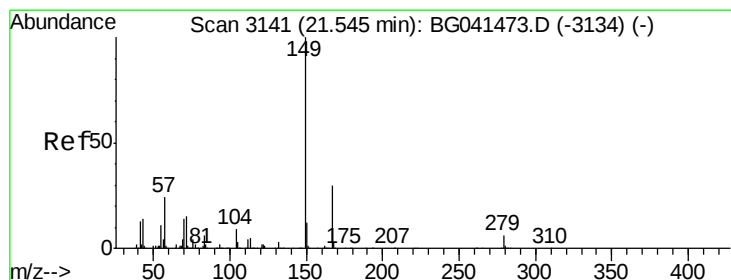
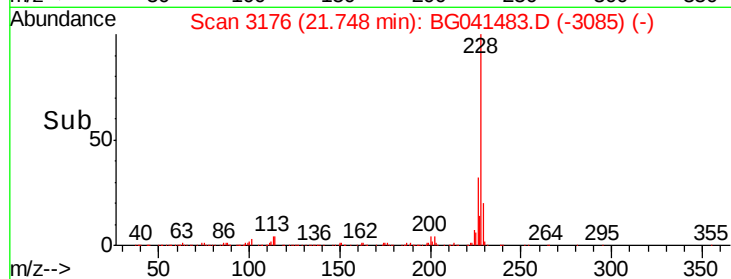
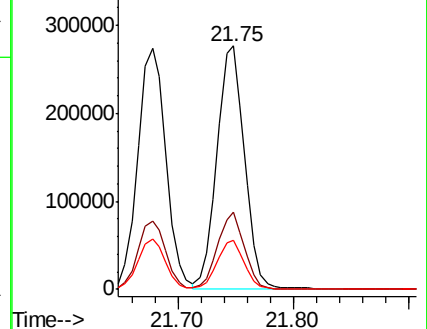
229 20.0 16.8 25.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 29.917 ng

RT: 21.54 min Scan# 3141

Delta R.T. -0.00 min

Lab File: BG041483.D

Acq: 27 Jun 2019 9:56

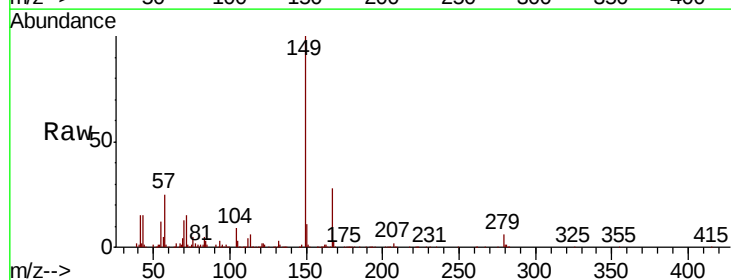
Tgt Ion:149 Resp: 238239

Ion Ratio Lower Upper

149 100

167 27.7 23.6 35.4

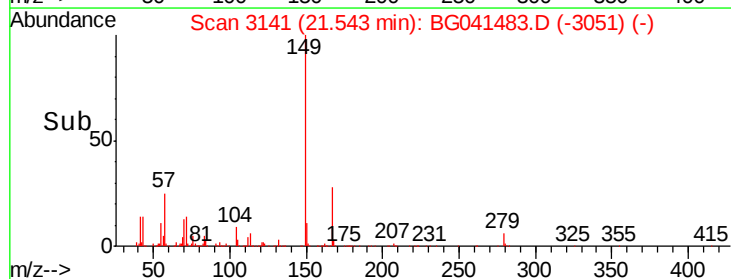
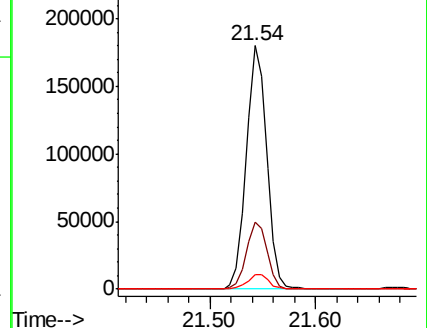
279 6.2 5.0 7.6

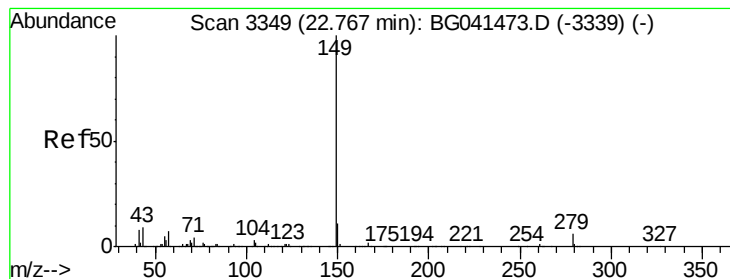


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 30.368 ng

RT: 22.76 min Scan# 3349

Delta R.T. -0.00 min

Lab File: BG041483.D

Acq: 27 Jun 2019 9:56

Instrument :

BNA_G

ClientSampleId :

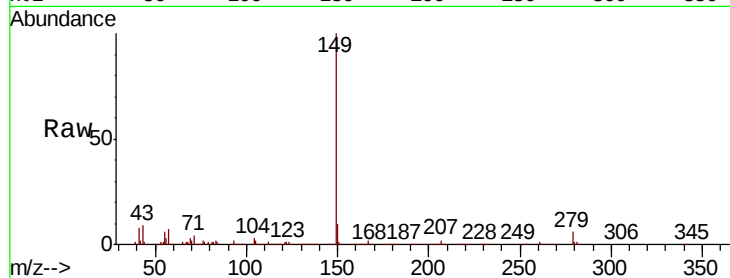
Tot Ion:149 Resp: 409231

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.2

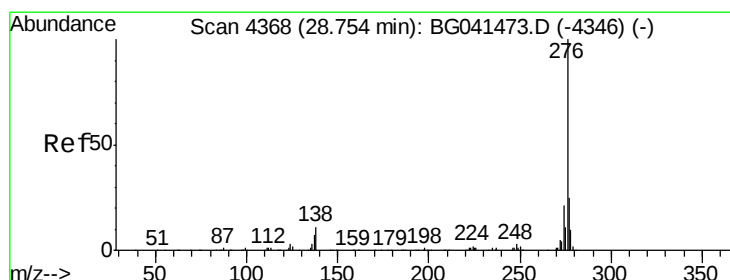
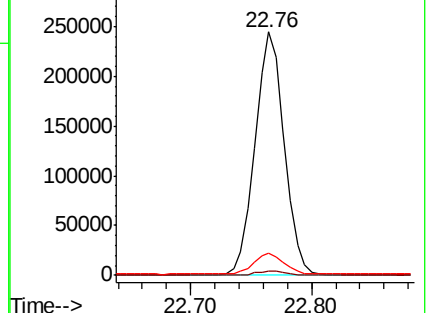
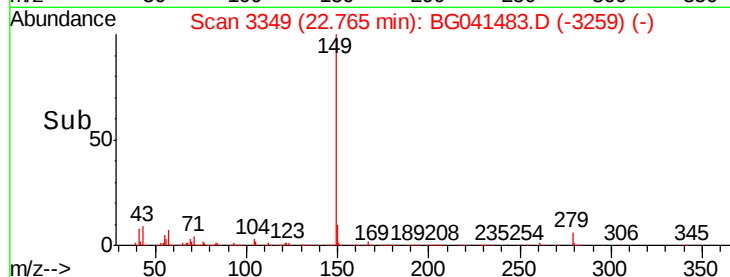
43 8.7 7.2 10.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 30.457 ng

RT: 28.75 min Scan# 4368

Delta R.T. -0.00 min

Lab File: BG041483.D

Acq: 27 Jun 2019 9:56

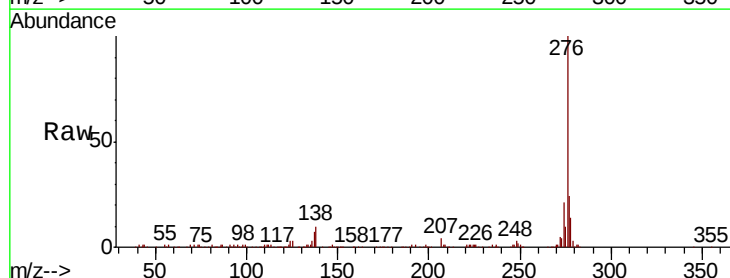
Tgt Ion:276 Resp: 546797

Ion Ratio Lower Upper

276 100

138 11.7 4.9 7.3#

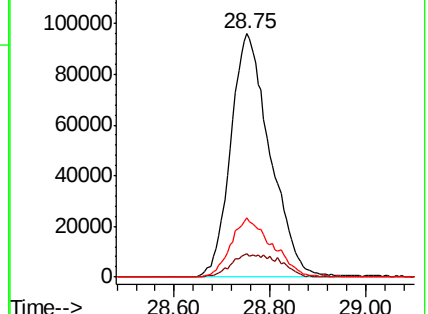
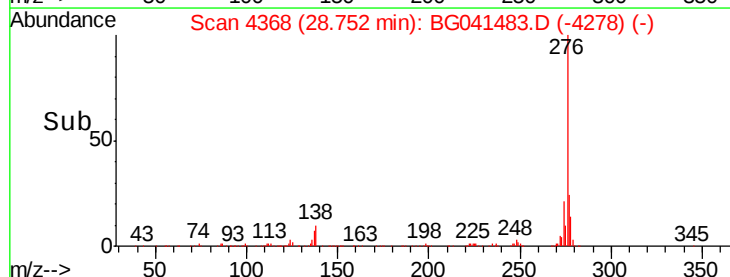
277 25.4 20.4 30.6

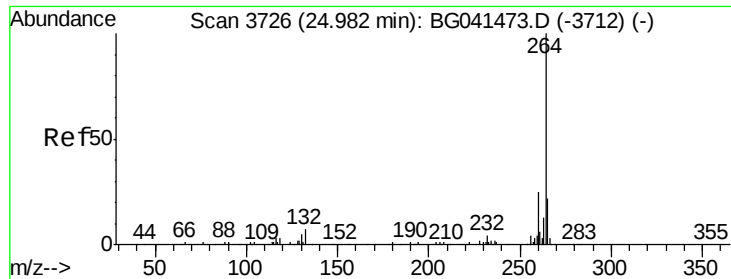


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

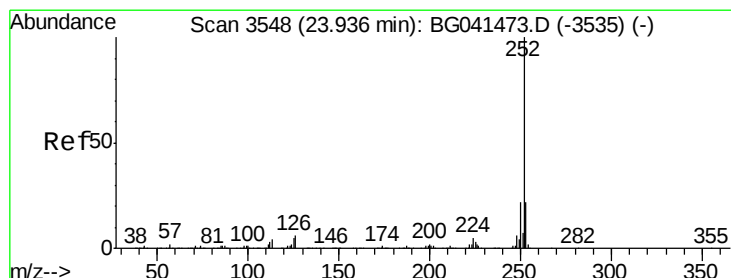
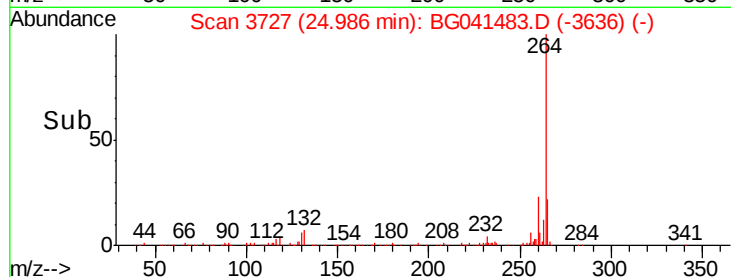
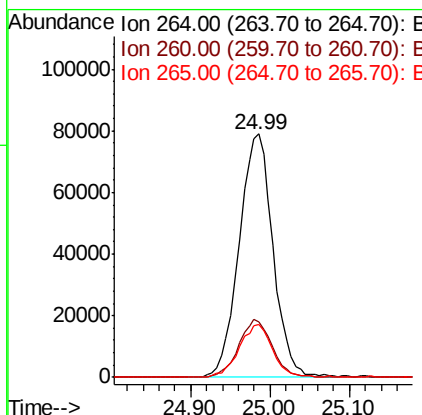
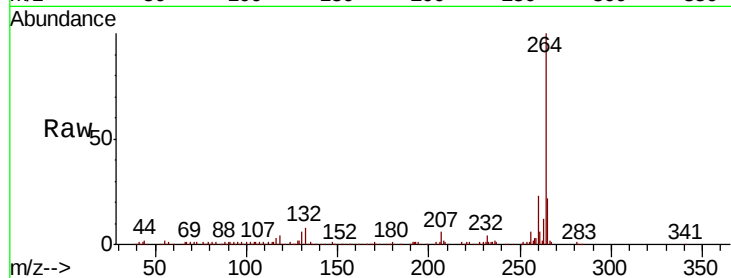




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.99 min Scan# 3727
Delta R.T. 0.00 min
Lab File: BG041483.D
Acq: 27 Jun 2019 9:56

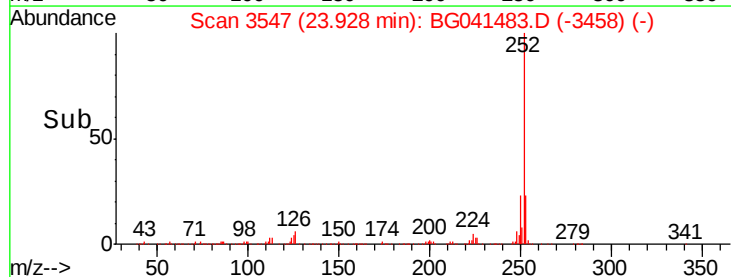
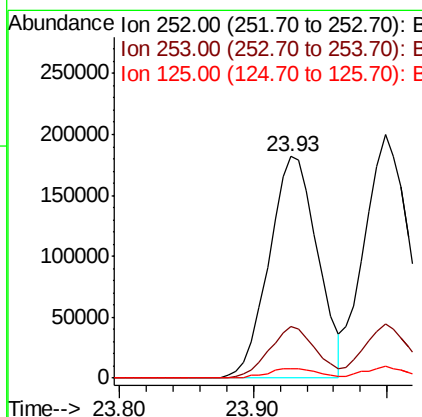
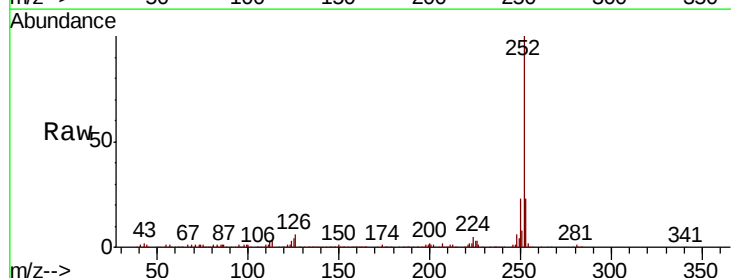
Instrument :
BNA_G
ClientSampled :

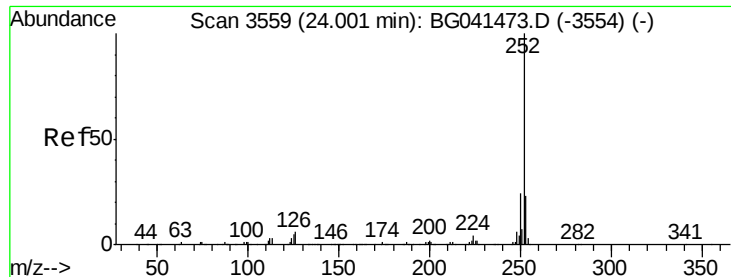
Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.7	29.5
265	21.6	17.4	26.2



#88
Benzo(b)fluoranthene
Concen: 30.749 ng
RT: 23.93 min Scan# 3547
Delta R.T. -0.01 min
Lab File: BG041483.D
Acq: 27 Jun 2019 9:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.0	27.0
125	4.3	3.8	5.8





#89

Benzo(k)fluoranthene

Concen: 31.849 ng

RT: 24.00 min Scan# 3559

Delta R.T. -0.00 min

Lab File: BG041483.D

Acq: 27 Jun 2019 9:56

Instrument :

BNA_G

ClientSampleId :

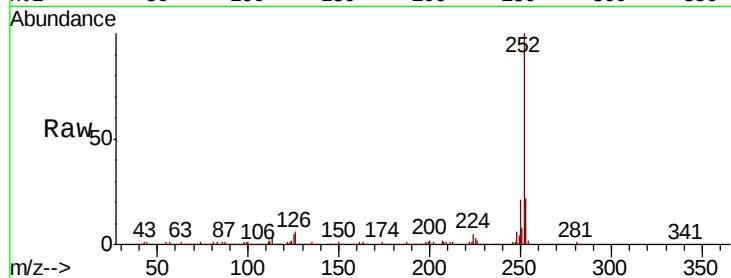
Tot Ion:252 Resp: 465805

Ion Ratio Lower Upper

252 100

253 22.1 18.3 27.5

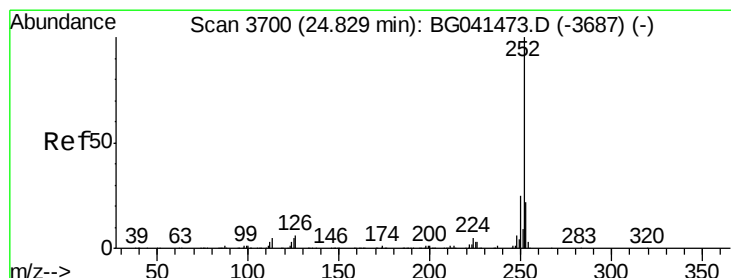
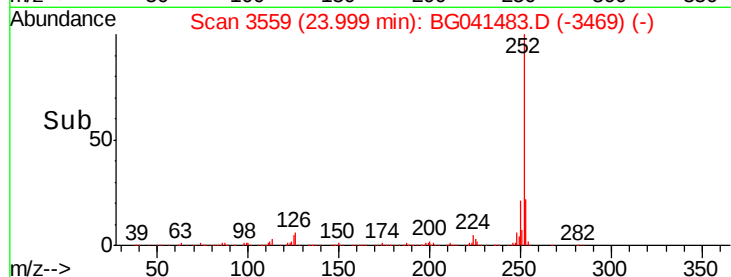
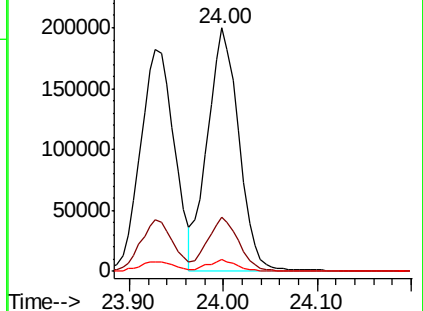
125 4.7 4.0 6.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 31.847 ng

RT: 24.83 min Scan# 3700

Delta R.T. -0.00 min

Lab File: BG041483.D

Acq: 27 Jun 2019 9:56

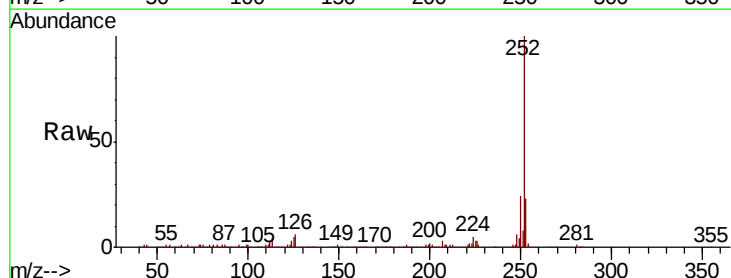
Tgt Ion:252 Resp: 450581

Ion Ratio Lower Upper

252 100

253 22.5 17.5 26.3

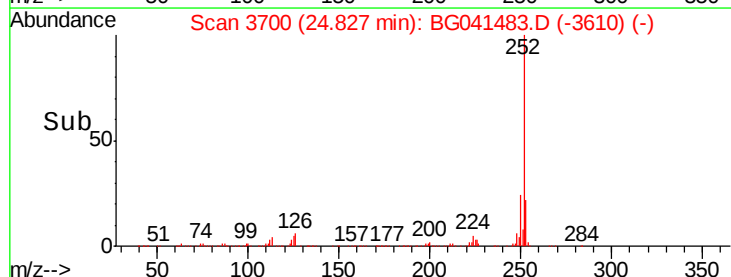
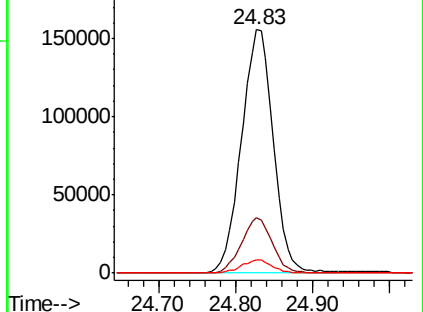
125 5.3 4.4 6.6

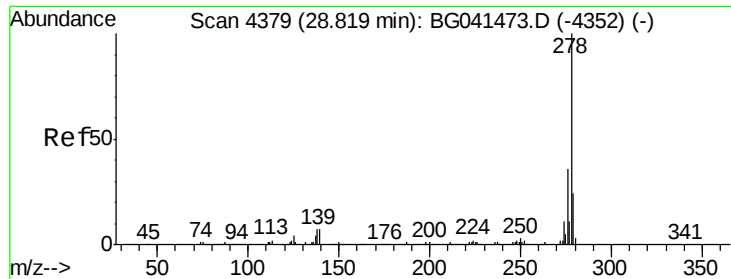


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

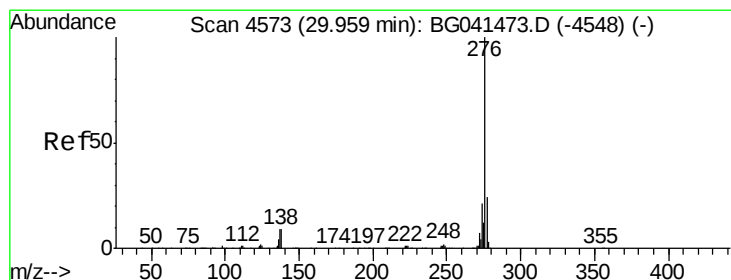
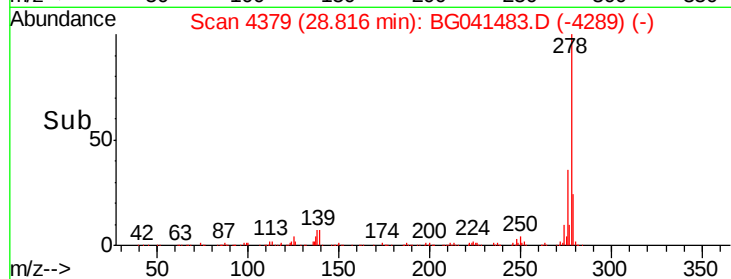
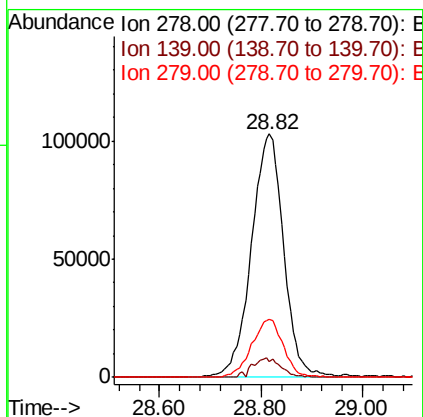
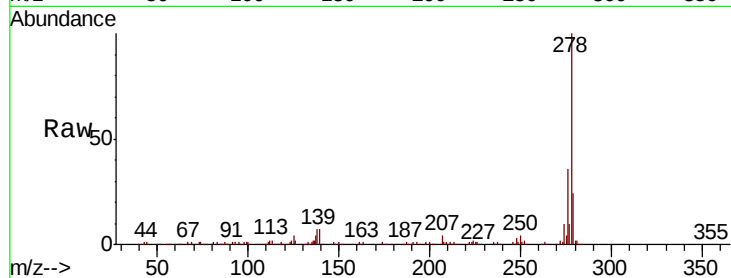




#91
Dibenzo(a,h)anthracene
Concen: 32.043 ng
RT: 28.82 min Scan# 4379
Delta R.T. -0.00 min
Lab File: BG041483.D
Acq: 27 Jun 2019 9:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	6.7	5.9	8.9
279	24.0	18.9	28.3



#92
Benzo(g,h,i)perylene
Concen: 32.587 ng
RT: 29.96 min Scan# 4573
Delta R.T. -0.00 min
Lab File: BG041483.D
Acq: 27 Jun 2019 9:56

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.8	19.4	29.2
138	9.4	7.6	11.4

