

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071719\
 Data File : BG041685.D
 Acq On : 17 Jul 2019 12:10
 Operator : HP/JU
 Sample : PB121341BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 18 07:07:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 15 16:16:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	87399	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	349968	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	221828	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	543323	20.00	ng	0.00
76) Chrysene-d12	21.66	240	531799	20.00	ng	0.00
87) Perylene-d12	24.85	264	556918	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	731198	136.77	ng	0.00
7) Phenol-d6	7.20	99	946134	131.57	ng	0.00
23) Nitrobenzene-d5	9.20	82	551571	95.85	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	377351	150.94	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1348367	94.12	ng	0.00
79) Terphenyl-d14	20.01	244	2086477	91.69	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.48	88	103779	40.871	ng	95
3) Pyridine	3.88	79	256290	37.812	ng	94
4) n-Nitrosodimethylamine	3.80	42	129983	41.526	ng	97
6) Aniline	7.36	93	322831	33.403	ng	99
8) 2-Chlorophenol	7.61	128	273020	45.108	ng	99
9) Benzaldehyde	7.17	77	199555	47.253	ng	97
10) Phenol	7.23	94	342684	45.231	ng	97
11) bis(2-Chloroethyl)ether	7.46	93	257550	42.091	ng	98
12) 1,3-Dichlorobenzene	7.94	146	302751	41.921	ng	99
13) 1,4-Dichlorobenzene	8.08	146	308767	42.692	ng	97
14) 1,2-Dichlorobenzene	8.40	146	290382	42.585	ng	94
15) Benzyl Alcohol	8.28	79	244529	42.713	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.58	45	506104	39.917	ng	100
17) 2-Methylphenol	8.48	107	238967	45.609	ng	98
18) Hexachloroethane	9.14	117	109017	41.154	ng	97
19) n-Nitroso-di-n-propylamine	8.85	70	213172	40.558	ng	97
20) 3+4-Methylphenols	8.81	107	331369	46.152	ng	99
22) Acetophenone	8.87	105	393781	46.199	ng	# 95
24) Nitrobenzene	9.25	77	297996	47.470	ng	98
25) Isophorone	9.77	82	564568	44.803	ng	98
26) 2-Nitrophenol	9.96	139	143547	49.667	ng	99
27) 2,4-Dimethylphenol	10.02	122	274611	55.079	ng	98
28) bis(2-Chloroethoxy)methane	10.25	93	345242	44.453	ng	99
29) 2,4-Dichlorophenol	10.49	162	284585	50.064	ng	98
30) 1,2,4-Trichlorobenzene	10.72	180	303150	45.420	ng	97
31) Naphthalene	10.91	128	802605	46.583	ng	98
32) Benzoic acid	10.14	122	184403	48.630	ng	96
33) 4-Chloroaniline	11.00	127	222727	28.025	ng	99
34) Hexachlorobutadiene	11.20	225	187733	43.762	ng	99
35) Caprolactam	11.76	113	50732	24.281	ng	97
36) 4-Chloro-3-methylphenol	12.12	107	289617	48.634	ng	98
37) 2-Methylnaphthalene	12.51	142	622208	47.268	ng	98
38) 1-Methylnaphthalene	12.72	142	584253	46.556	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	348806	45.905	ng	99

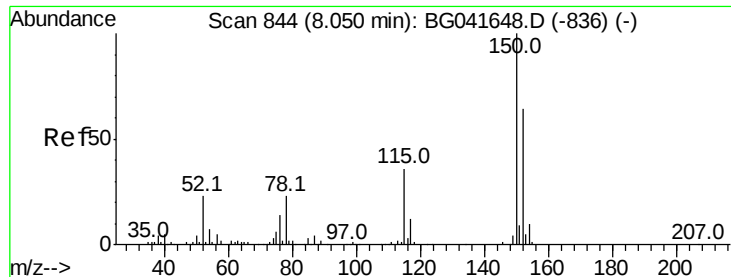
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071719\
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 QLast Update : Mon Jul 15 16:16:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	394386	91.754	ng	99
43) 2,4,6-Trichlorophenol	13.10	196	244477	49.518	ng	97
44) 2,4,5-Trichlorophenol	13.17	196	261631	50.296	ng	97
46) 1,1'-Biphenyl	13.51	154	772785	46.500	ng	99
47) 2-Chloronaphthalene	13.55	162	628415	45.371	ng	98
48) 2-Nitroaniline	13.74	65	193315	47.937	ng	94
49) Acenaphthylene	14.39	152	998839	46.195	ng	99
50) Dimethylphthalate	14.12	163	814884	46.773	ng	99
51) 2,6-Dinitrotoluene	14.23	165	189136	51.181	ng	97
52) Acenaphthene	14.73	154	686020	50.347	ng	99
53) 3-Nitroaniline	14.55	138	138302	34.284	ng	99
54) 2,4-Dinitrophenol	14.76	184	192933	101.052	ng	94
55) Dibenzofuran	15.06	168	961174	47.008	ng	98
56) 4-Nitrophenol	14.86	139	365628	111.949	ng	97
57) 2,4-Dinitrotoluene	15.01	165	258571	52.932	ng	99
58) Fluorene	15.71	166	776595	46.678	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.28	232	251217	52.312	ng	97
60) Diethylphthalate	15.48	149	817709	46.589	ng	99
61) 4-Chlorophenyl-phenylether	15.71	204	439839	46.769	ng	99
62) 4-Nitroaniline	15.72	138	206122	48.178	ng	99
63) Azobenzene	16.00	77	728167	45.889	ng	99
65) 4,6-Dinitro-2-methylphenol	15.78	198	137550	52.588	ng	98
66) n-Nitrosodiphenylamine	15.91	169	730522	45.785	ng	98
67) 4-Bromophenyl-phenylether	16.59	248	291040	45.019	ng	97
68) Hexachlorobenzene	16.72	284	286219	43.966	ng	97
69) Atrazine	16.86	200	277154	47.866	ng	99
70) Pentachlorophenol	17.05	266	410685	100.894	ng	99
71) Phenanthrene	17.44	178	1276346	46.647	ng	97
72) Anthracene	17.54	178	1299074	47.630	ng	96
73) Carbazole	17.80	167	1198431	47.378	ng	97
74) Di-n-butylphthalate	18.37	149	1393455	45.167	ng	97
75) Fluoranthene	19.45	202	1550881	46.160	ng	96
77) Benzidine	19.62	184	796574	43.458	ng	99
78) Pyrene	19.81	202	1558683	43.336	ng	94
80) Butylbenzylphthalate	20.69	149	675242	45.179	ng	96
81) Benzo(a)anthracene	21.63	228	1530194	44.534	ng	97
82) 3,3'-Dichlorobenzidine	21.55	252	511029	37.795	ng	98
83) Chrysene	21.70	228	1500065	45.689	ng	96
84) Bis(2-ethylhexyl)phthalate	21.56	149	950684	45.051	ng	96
85) Di-n-octyl phthalate	22.77	149	1639607	45.624	ng	96
86) Indeno(1,2,3-cd)pyrene	28.50	276	1937430	44.723	ng	# 92
88) Benzo(b)fluoranthene	23.84	252	1673412	49.537	ng	98
89) Benzo(k)fluoranthene	23.91	252	1644411	52.534	ng	98
90) Benzo(a)pyrene	24.71	252	1660989	51.968	ng	98
91) Dibenzo(a,h)anthracene	28.57	278	1591823	51.366	ng	99
92) Benzo(g,h,i)perylene	29.64	276	1598385	51.468	ng	99

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

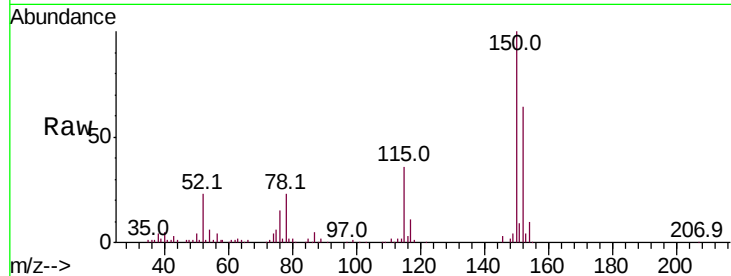


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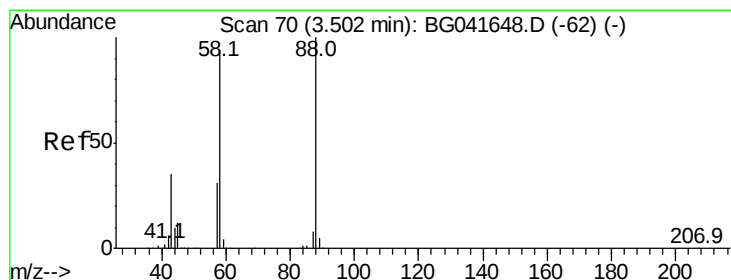
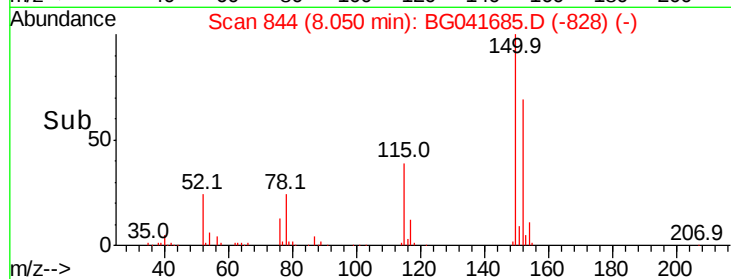
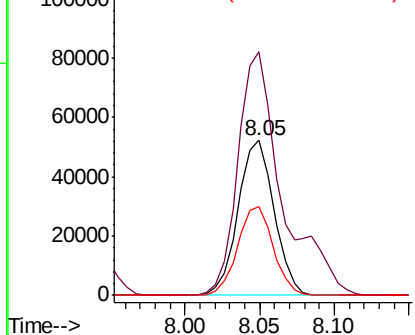
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.00 min
Lab File: BG041685.D
Acq: 17 Jul 2019 12:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 87399
Ion Ratio Lower Upper
152 100
150 157.0 126.9 190.3
115 57.2 45.0 67.6



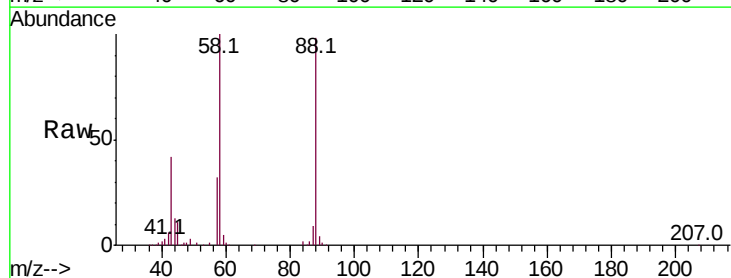
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



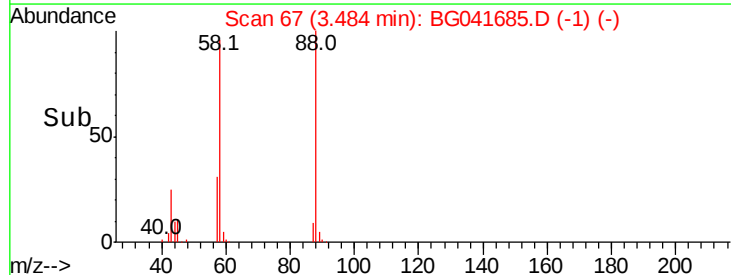
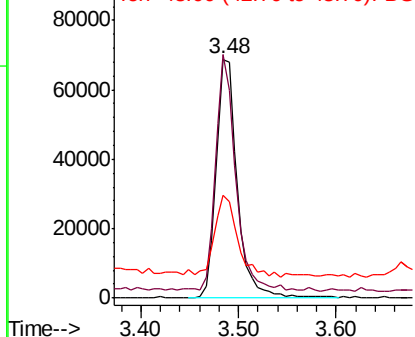
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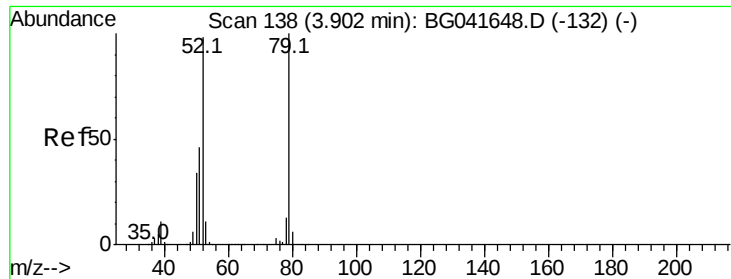
1,4-Dioxane
Concen: 40.871 ng
RT: 3.48 min Scan# 67
Delta R.T. -0.01 min
Lab File: BG041685.D
Acq: 17 Jul 2019 12:10

Tgt Ion: 88 Resp: 103779
Ion Ratio Lower Upper
88 100
58 90.4 76.2 114.2
43 37.3 27.2 40.8



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: 37.812 ng

RT: 3.88 min Scan# 135

Delta R.T. -0.01 min

Lab File: BG041685.D

Acq: 17 Jul 2019 12:10

Instrument :

BNA_G

ClientSampleId :

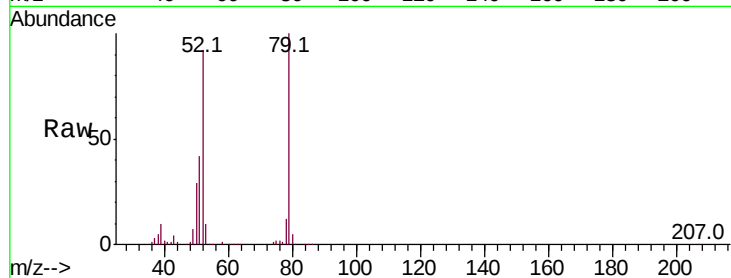
Tot Ion: 79 Resp: 256290

Ion Ratio Lower Upper

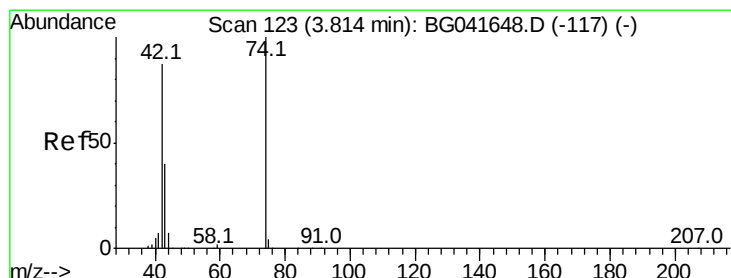
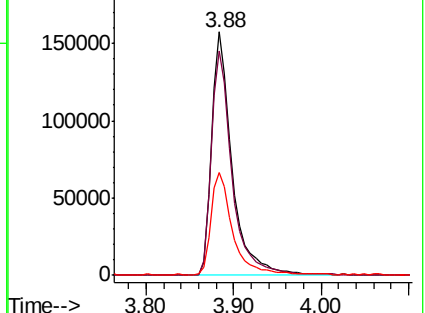
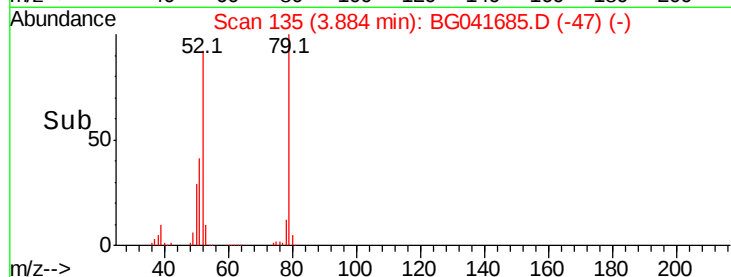
79 100

52 91.9 77.1 115.7

51 42.1 37.8 56.8



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 41.526 ng

RT: 3.80 min Scan# 120

Delta R.T. -0.01 min

Lab File: BG041685.D

Acq: 17 Jul 2019 12:10

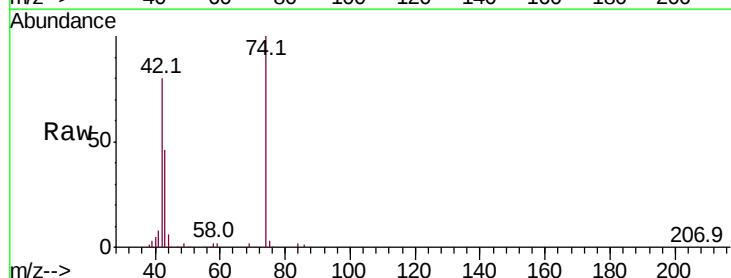
Tgt Ion: 42 Resp: 129983

Ion Ratio Lower Upper

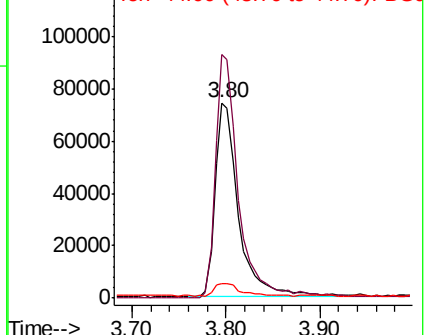
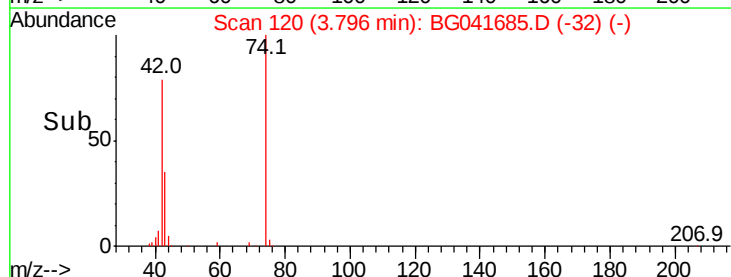
42 100

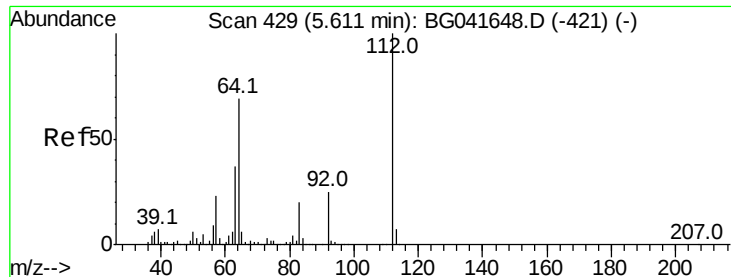
74 124.7 97.4 146.2

44 7.5 6.6 9.8



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





#5

2-Fluorophenol

Concen: 136.766 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.00 min

Lab File: BG041685.D

Acq: 17 Jul 2019 12:10

Instrument :

BNA_G

ClientSampleId :

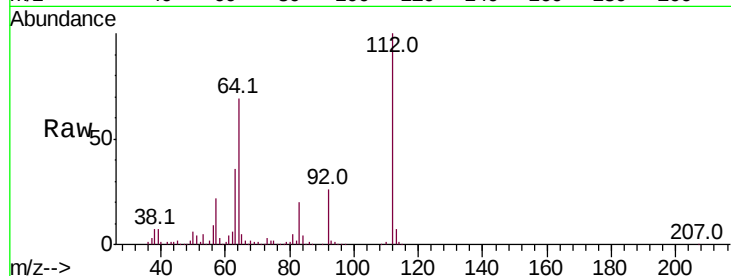
Tot Ion:112 Resp: 731198

Ion Ratio Lower Upper

112 100

64 69.2 55.4 83.2

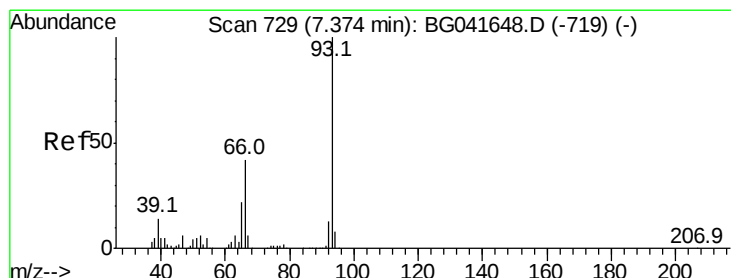
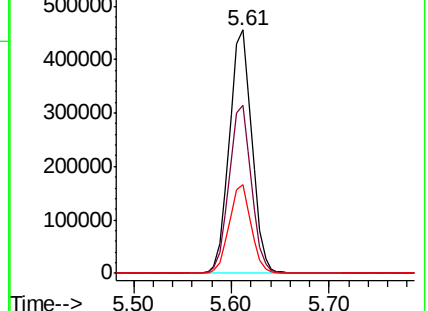
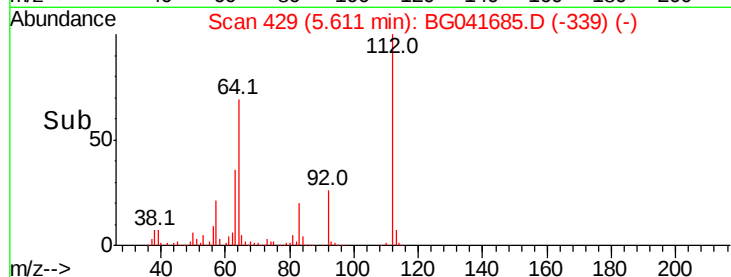
63 36.5 29.1 43.7



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 33.403 ng

RT: 7.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BG041685.D

Acq: 17 Jul 2019 12:10

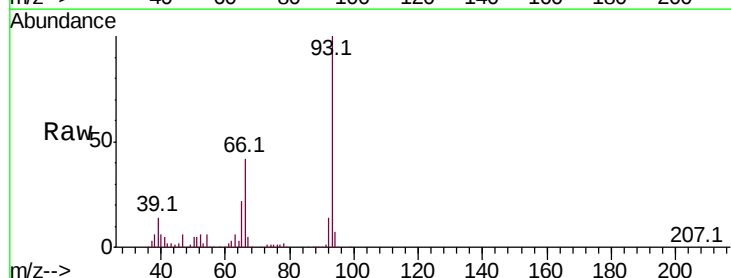
Tgt Ion: 93 Resp: 322831

Ion Ratio Lower Upper

93 100

66 42.0 34.2 51.2

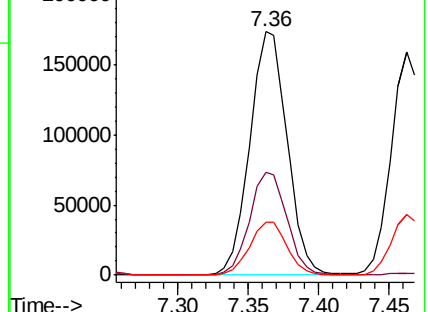
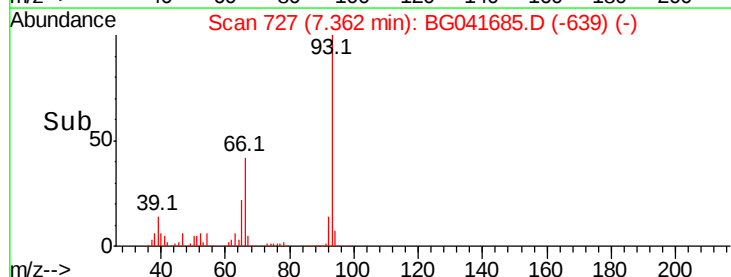
65 21.9 18.2 27.2

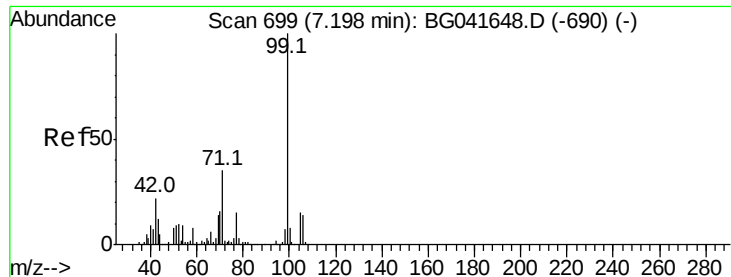


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 131.571 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG041685.D

Acq: 17 Jul 2019 12:10

Instrument :

BNA_G

ClientSampleId :

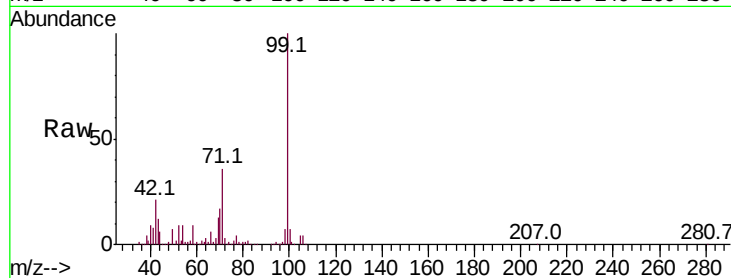
Tot Ion: 99 Resp: 946134

Ion Ratio Lower Upper

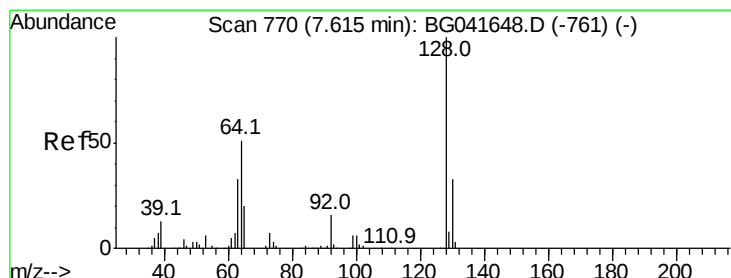
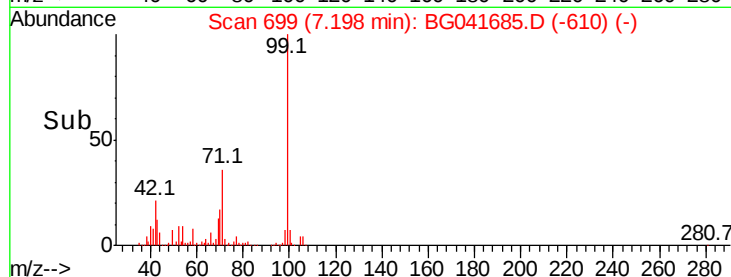
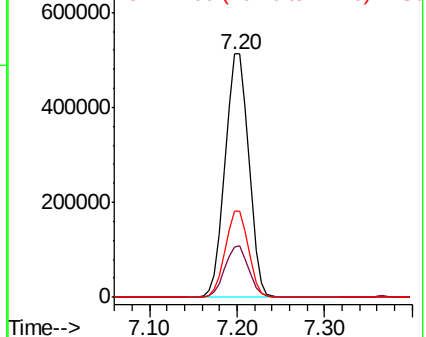
99 100

42 20.9 17.6 26.4

71 35.6 27.8 41.6



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 45.108 ng

RT: 7.61 min Scan# 769

Delta R.T. -0.00 min

Lab File: BG041685.D

Acq: 17 Jul 2019 12:10

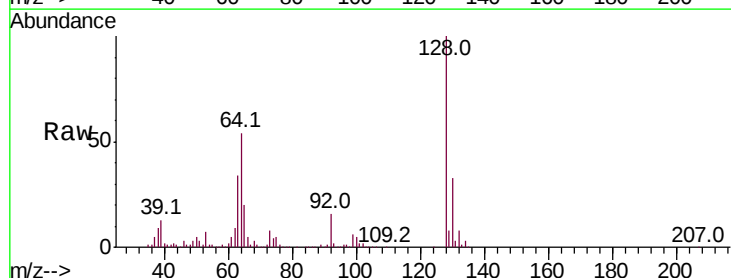
Tgt Ion: 128 Resp: 273020

Ion Ratio Lower Upper

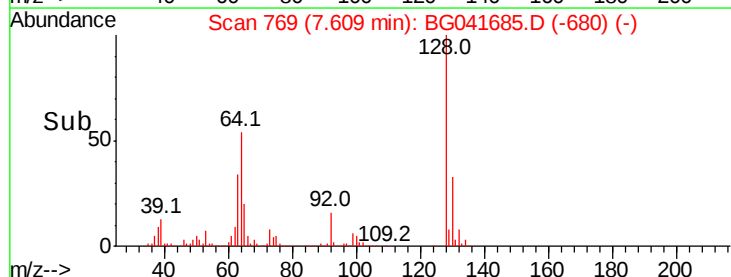
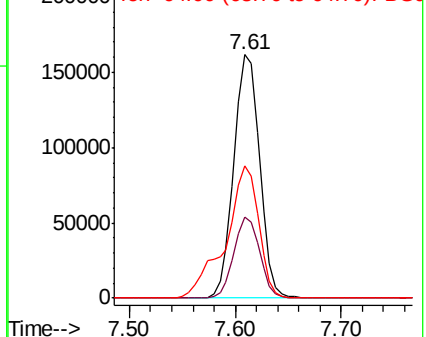
128 100

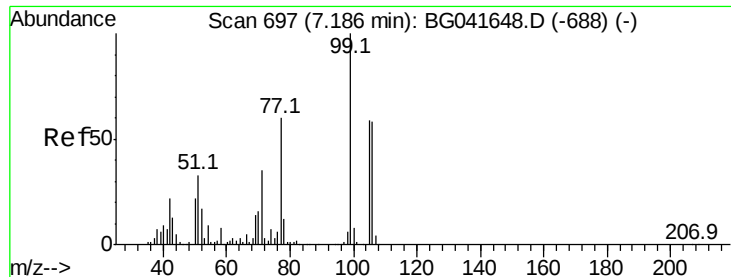
130 33.2 12.4 52.4

64 54.2 34.9 74.9



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





#9

Benzaldehyde

Concen: 47.253 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.01 min

Lab File: BG041685.D

Acq: 17 Jul 2019 12:10

Instrument :

BNA_G

ClientSampled :

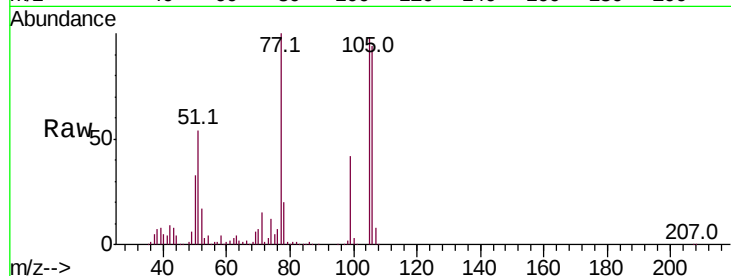
Tot Ion: 77 Resp: 199555

Ion Ratio Lower Upper

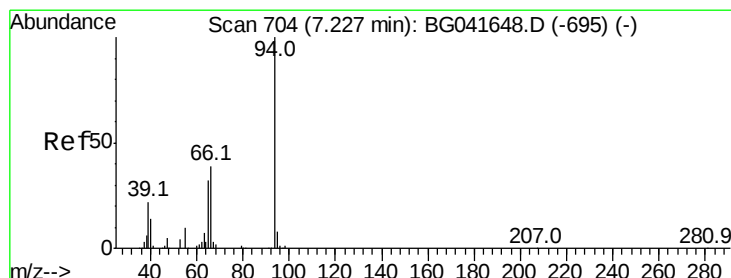
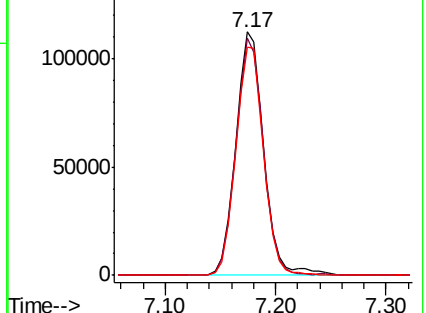
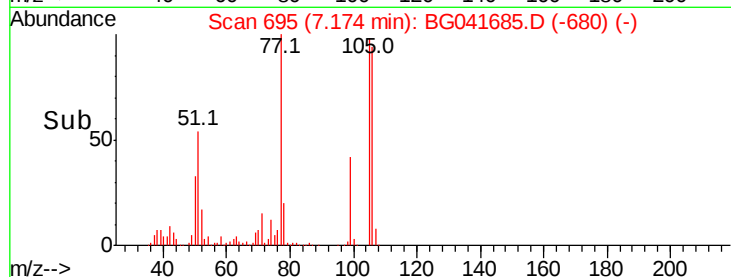
77 100

105 97.7 74.6 114.6

106 94.0 71.1 111.1



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: 45.231 ng

RT: 7.23 min Scan# 704

Delta R.T. -0.00 min

Lab File: BG041685.D

Acq: 17 Jul 2019 12:10

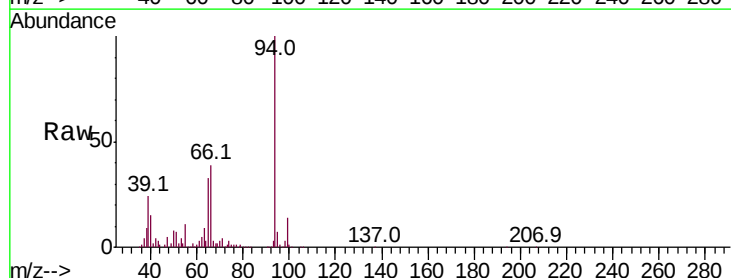
Tgt Ion: 94 Resp: 342684

Ion Ratio Lower Upper

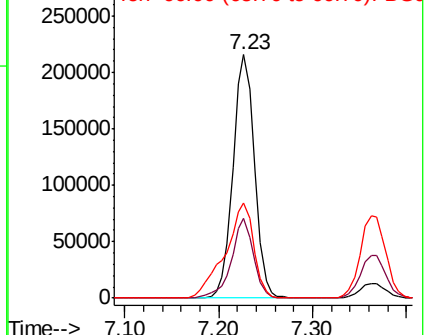
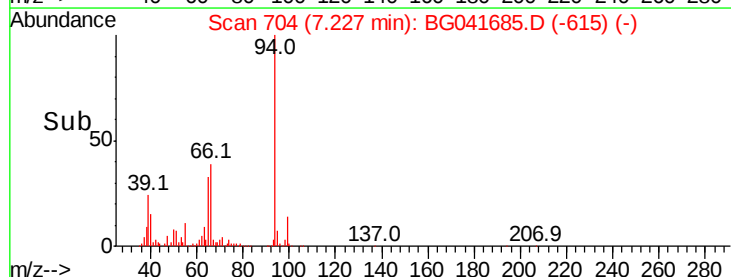
94 100

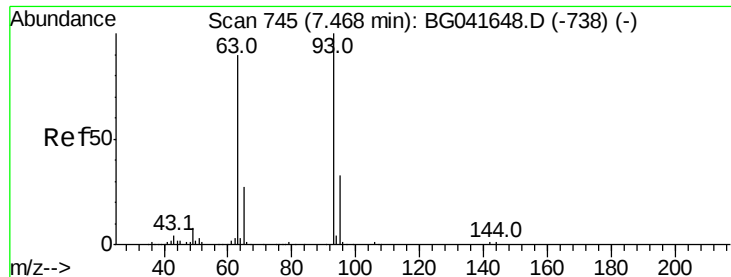
65 32.6 10.6 50.6

66 39.3 18.2 58.2



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

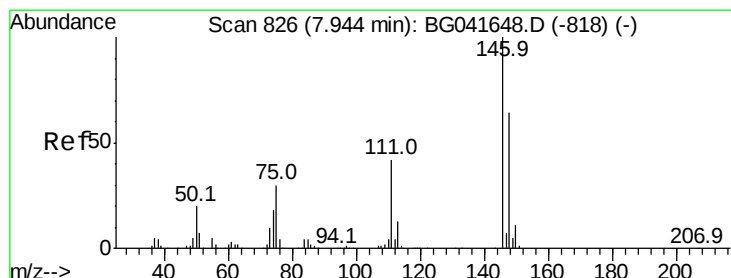
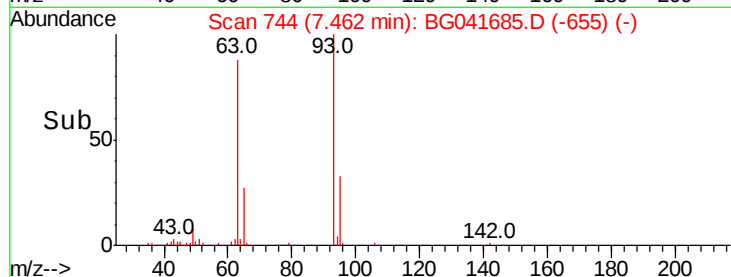
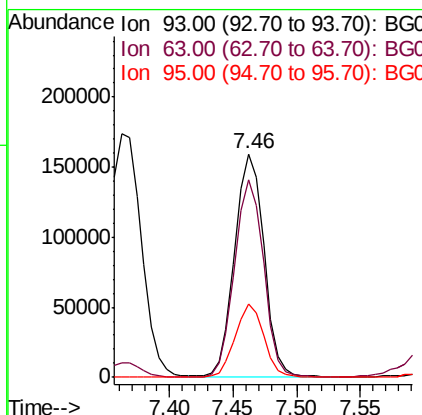
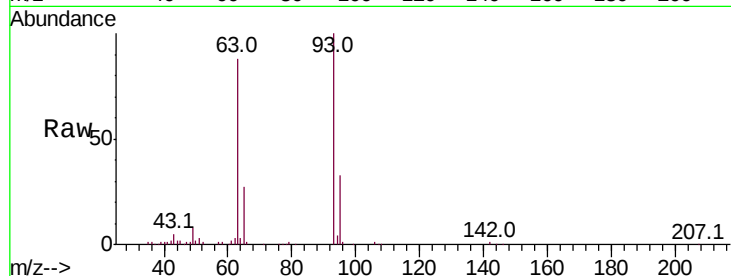




#11
bis(2-Chloroethyl)ether
Concen: 42.091 ng
RT: 7.46 min Scan# 744
Delta R.T. -0.00 min
Lab File: BG041685.D
Acq: 17 Jul 2019 12:10

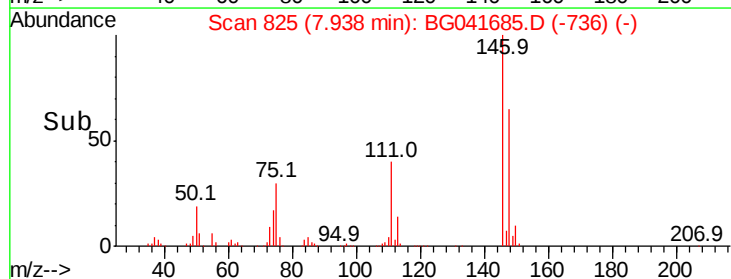
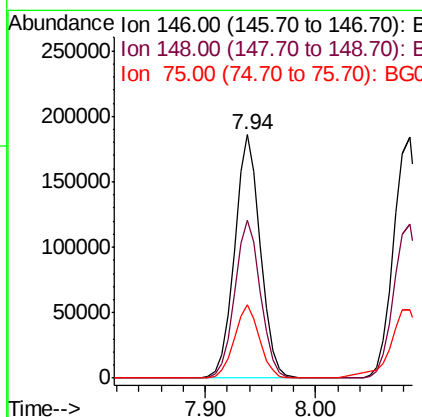
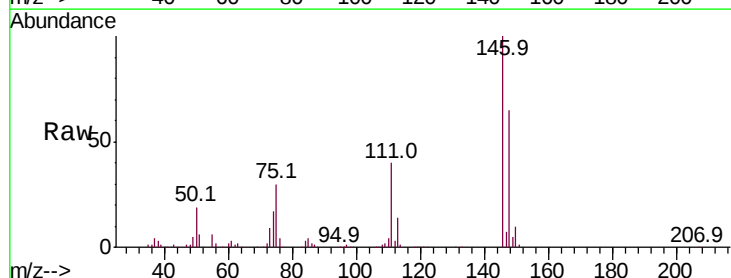
Instrument :
BNA_G
ClientSampleId :

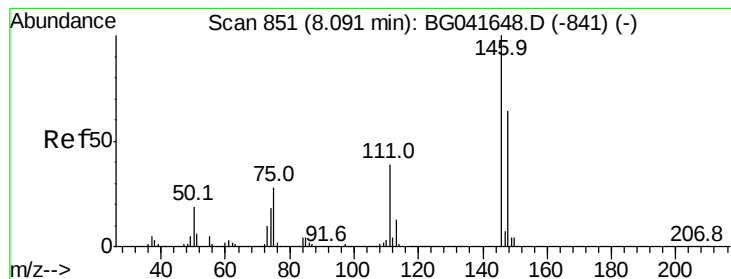
Tot Ion: 93 Resp: 257550
Ion Ratio Lower Upper
93 100
63 88.4 70.4 110.4
95 32.6 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 41.921 ng
RT: 7.94 min Scan# 825
Delta R.T. -0.00 min
Lab File: BG041685.D
Acq: 17 Jul 2019 12:10

Tgt Ion: 146 Resp: 302751
Ion Ratio Lower Upper
146 100
148 65.0 51.5 77.3
75 30.0 23.2 34.8





#13

1,4-Dichlorobenzene

Concen: 42.692 ng

RT: 8.08 min Scan# 850

Delta R.T. -0.00 min

Lab File: BG041685.D

Acq: 17 Jul 2019 12:10

Instrument :

BNA_G

ClientSampled :

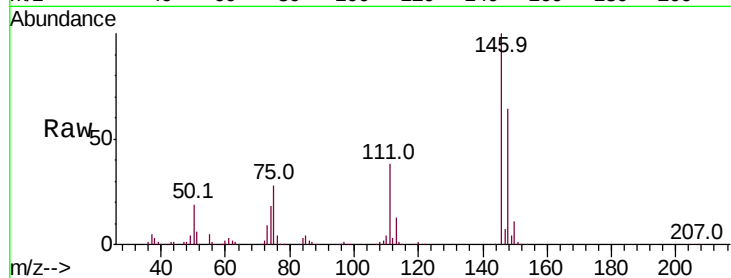
Tot Ion:146 Resp: 308767

Ion Ratio Lower Upper

146 100

148 63.9 52.6 79.0

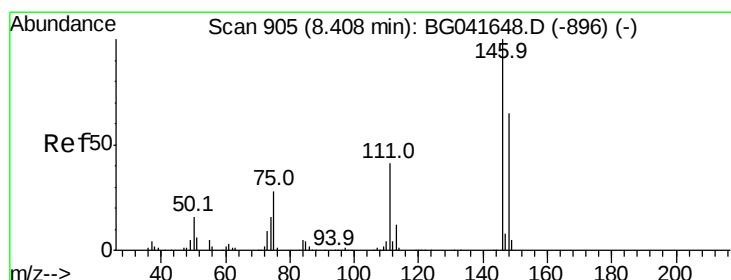
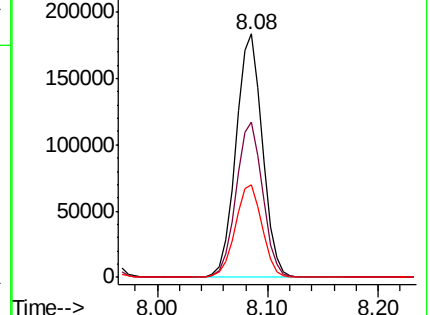
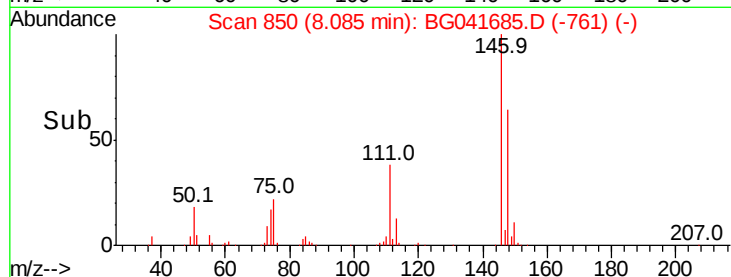
111 38.1 32.5 48.7



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 42.585 ng

RT: 8.40 min Scan# 904

Delta R.T. -0.00 min

Lab File: BG041685.D

Acq: 17 Jul 2019 12:10

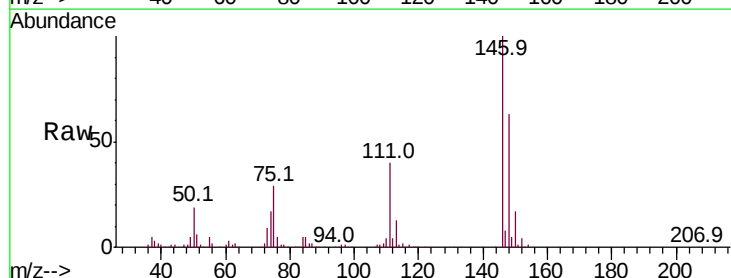
Tgt Ion:146 Resp: 290382

Ion Ratio Lower Upper

146 100

148 62.6 53.5 80.3

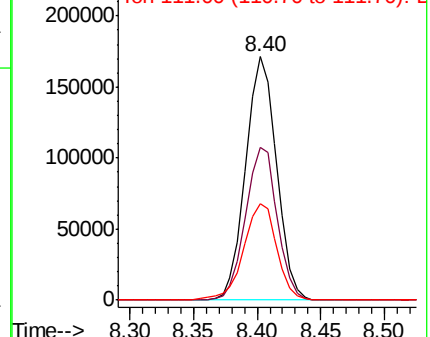
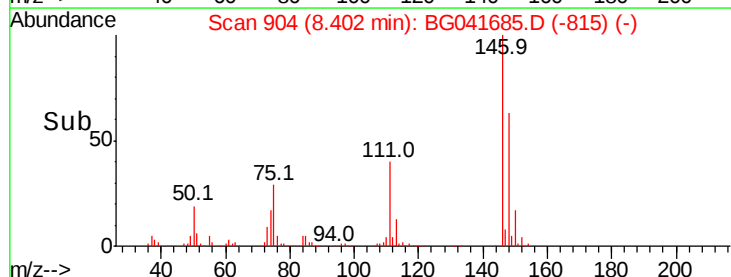
111 39.8 35.4 53.0

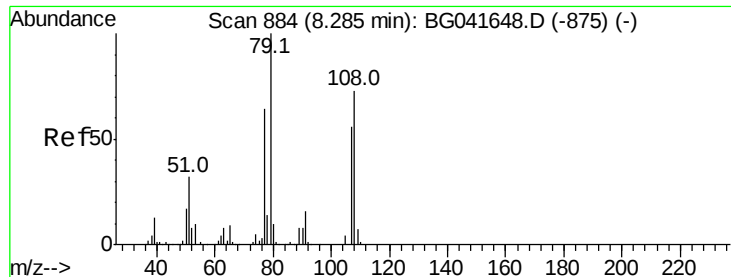


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.713 ng

RT: 8.28 min Scan# 883

Delta R.T. -0.00 min

Lab File: BG041685.D

Acq: 17 Jul 2019 12:10

Instrument :

BNA_G

ClientSampleId :

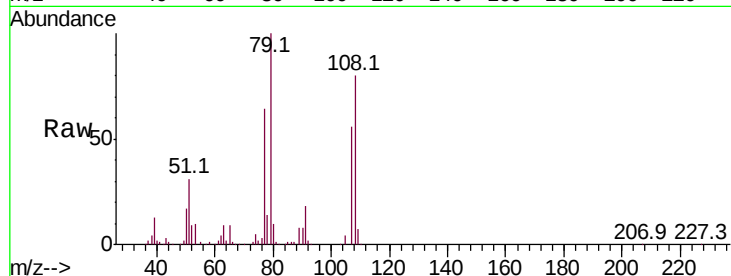
Tot Ion: 79 Resp: 244529

Ion Ratio Lower Upper

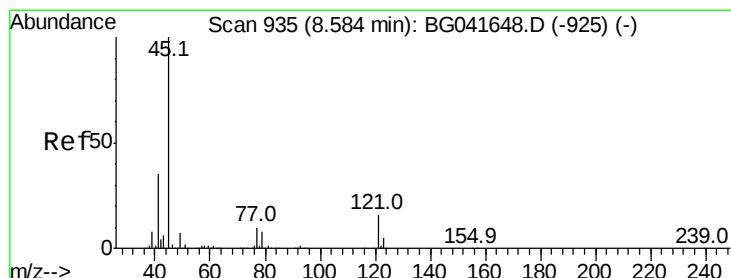
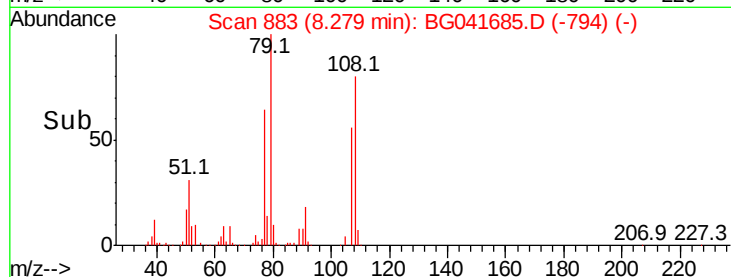
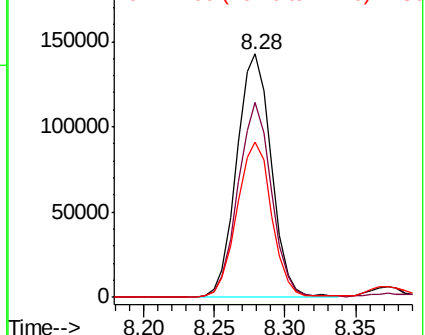
79 100

108 80.0 60.5 90.7

77 63.6 50.6 75.8



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: 39.917 ng

RT: 8.58 min Scan# 934

Delta R.T. -0.00 min

Lab File: BG041685.D

Acq: 17 Jul 2019 12:10

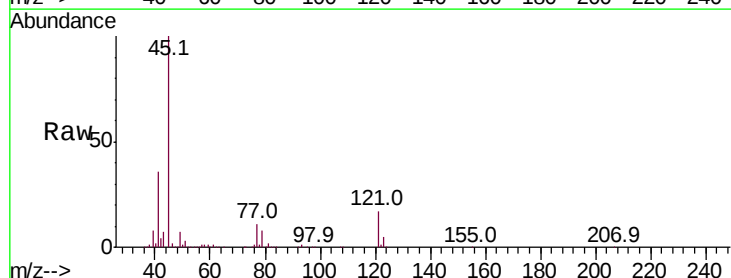
Tgt Ion: 45 Resp: 506104

Ion Ratio Lower Upper

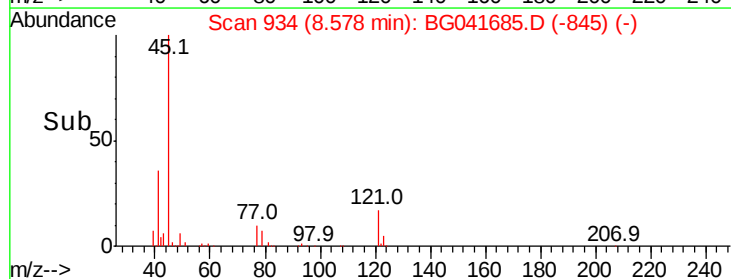
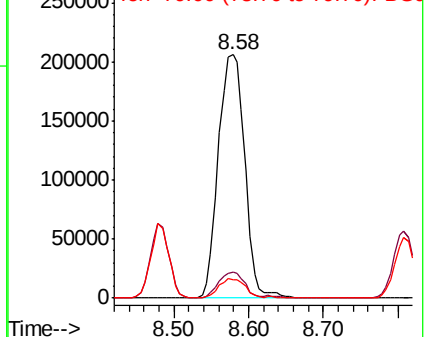
45 100

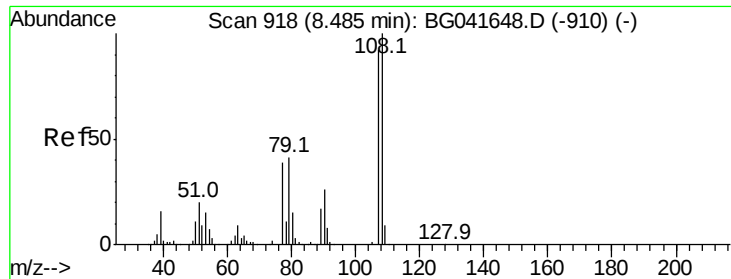
77 10.6 0.0 30.4

79 7.7 0.0 27.9



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: 45.609 ng

RT: 8.48 min Scan# 917

Delta R.T. -0.00 min

Lab File: BG041685.D

Acq: 17 Jul 2019 12:10

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 238967

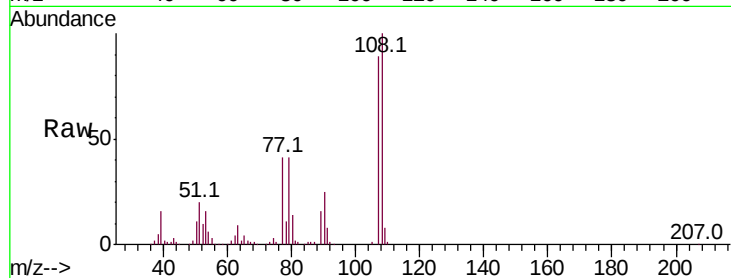
Ion Ratio Lower Upper

107 100

108 112.3 87.6 131.4

77 46.5 36.1 54.1

79 46.2 36.4 54.6

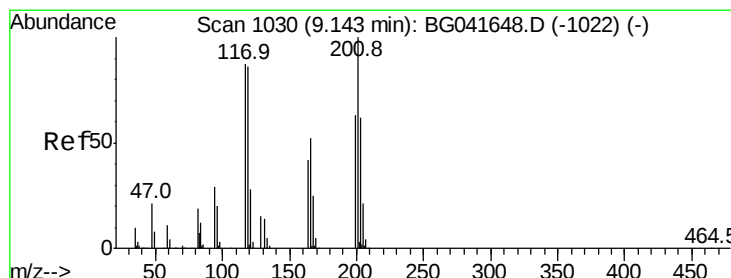
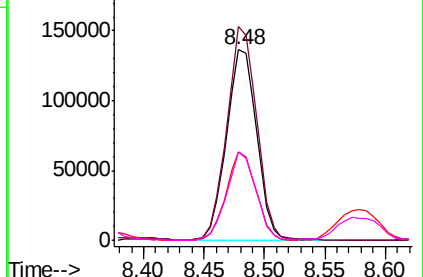
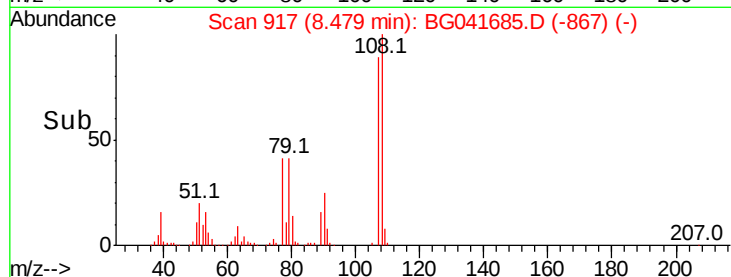


Abundance Ion 107.00 (106.70 to 107.70): E

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: 41.154 ng

RT: 9.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BG041685.D

Acq: 17 Jul 2019 12:10

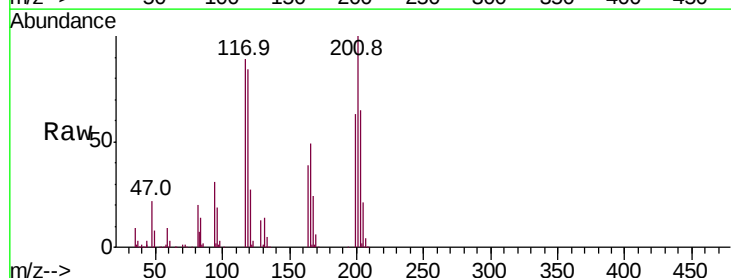
Tgt Ion:117 Resp: 109017

Ion Ratio Lower Upper

117 100

119 94.4 76.2 114.2

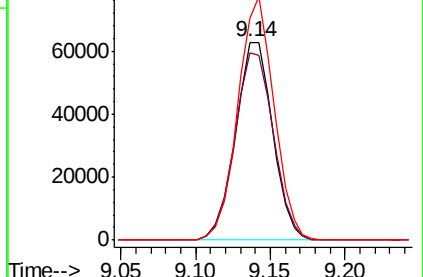
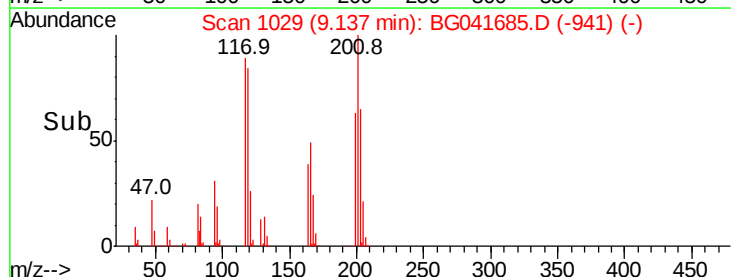
201 111.9 94.1 141.1

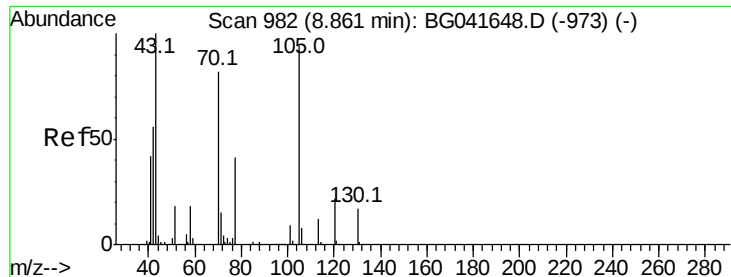


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

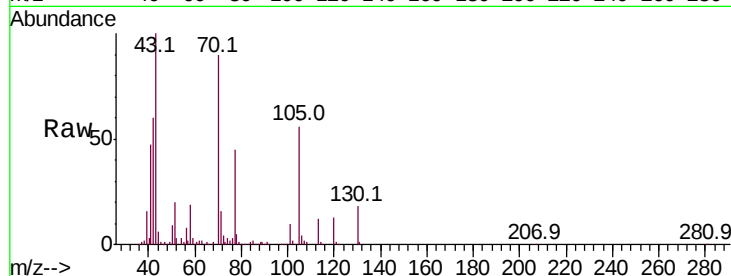




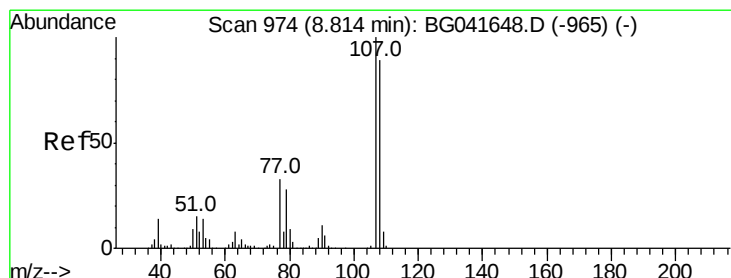
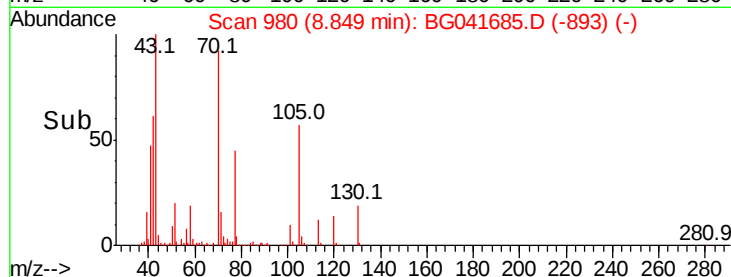
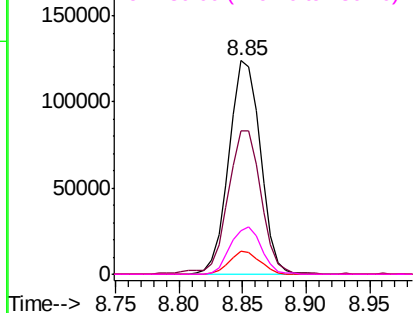
#19
n-Nitroso-di-n-propylamine
Concen: 40.558 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.02 min
Lab File: BG041685.D
Acq: 17 Jul 2019 12:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	213172
Ion	Ratio	Lower	Upper
70	100		
42	66.9	55.8	83.6
101	10.6	8.1	12.1
130	20.4	17.3	25.9

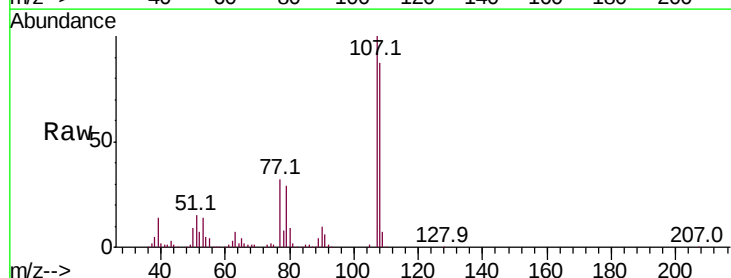


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

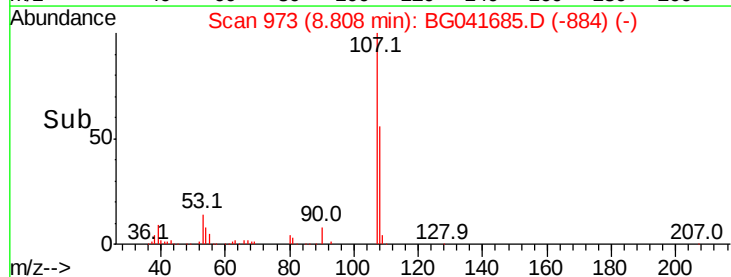
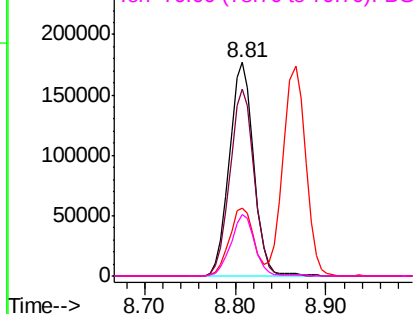


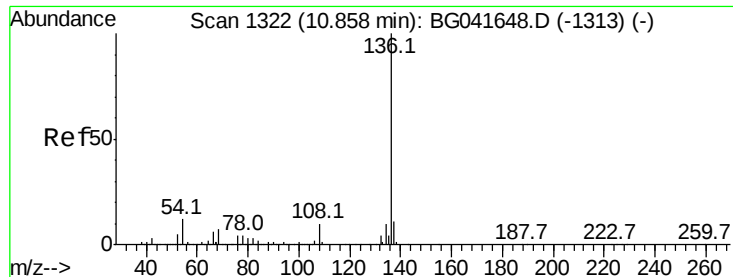
#20
3+4-Methylphenols
Concen: 46.152 ng
RT: 8.81 min Scan# 973
Delta R.T. -0.00 min
Lab File: BG041685.D
Acq: 17 Jul 2019 12:10

Tgt Ion:	107	Resp:	331369
Ion	Ratio	Lower	Upper
107	100		
108	87.2	67.5	107.5
77	31.9	12.3	52.3
79	28.9	8.3	48.3



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.85 min Scan# 1321

Delta R.T. -0.00 min

Lab File: BG041685.D

Acq: 17 Jul 2019 12:10

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 349968

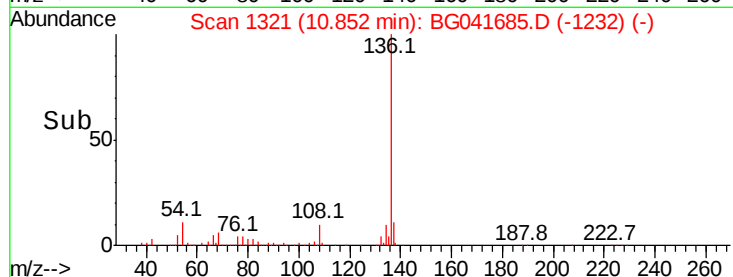
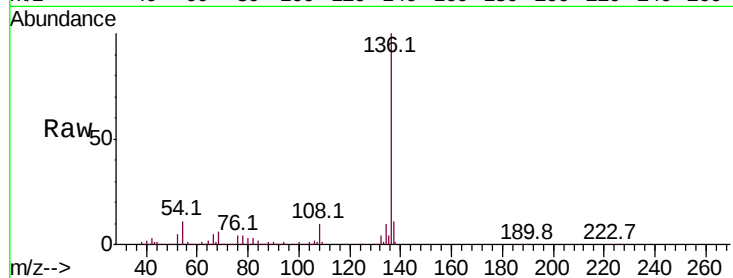
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.2	13.8
54	10.7	8.7	13.1
68	6.5	5.5	8.3

136 100

137 11.4 9.2 13.8

54 10.7 8.7 13.1

68 6.5 5.5 8.3

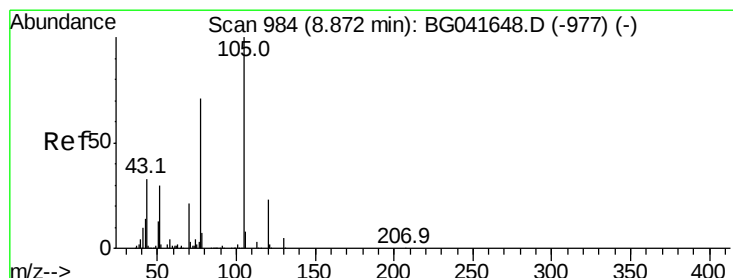
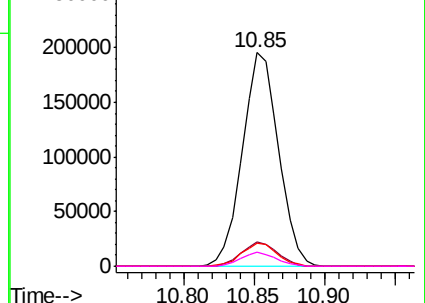


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 46.199 ng

RT: 8.87 min Scan# 983

Delta R.T. -0.00 min

Lab File: BG041685.D

Acq: 17 Jul 2019 12:10

Tgt Ion:105 Resp: 393781

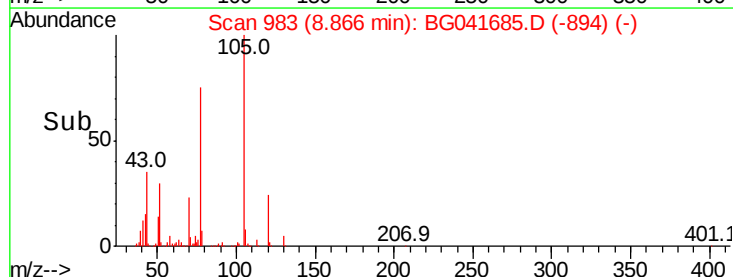
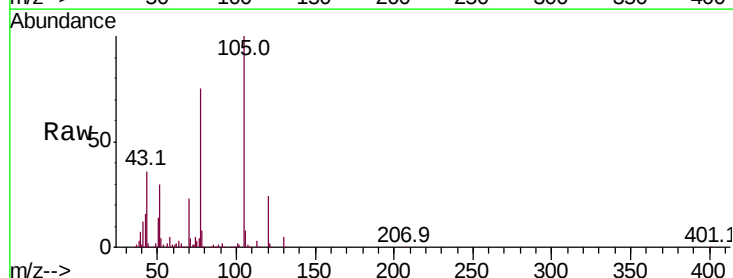
Ion	Ratio	Lower	Upper
105	100		
71	4.0	5.9	8.9#
51	30.3	27.7	41.5
120	23.7	19.3	28.9

105 100

71 4.0 5.9 8.9#

51 30.3 27.7 41.5

120 23.7 19.3 28.9

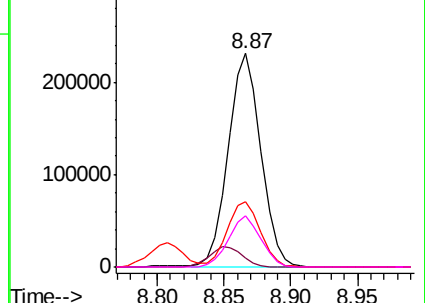


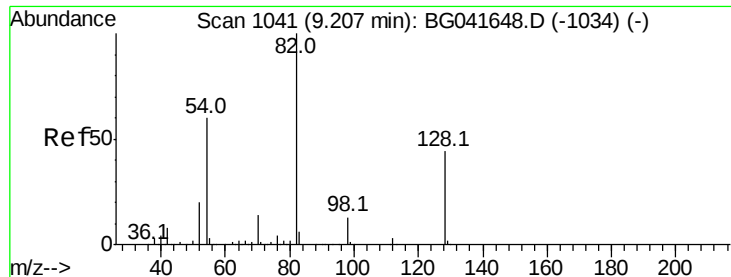
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

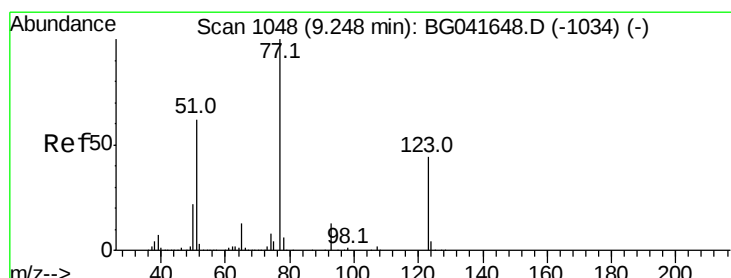
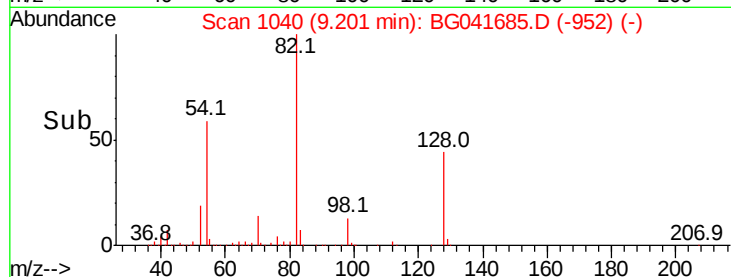
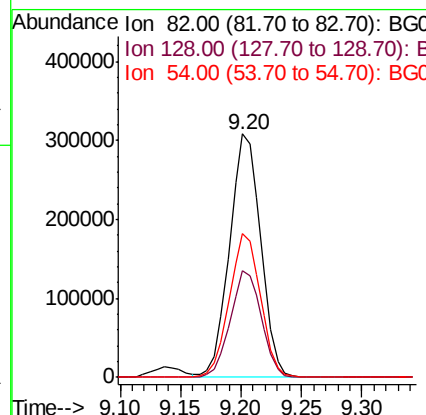
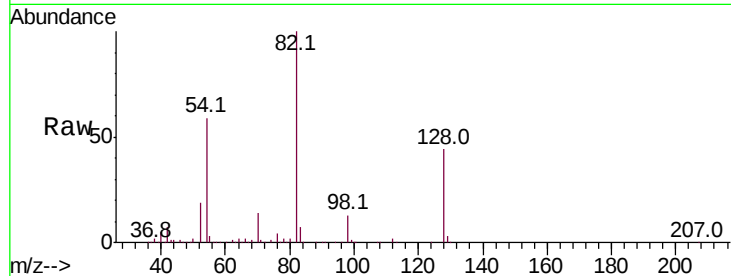




#23
 Nitrobenzene-d5
 Concen: 95.848 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BG041685.D
 Acq: 17 Jul 2019 12:10

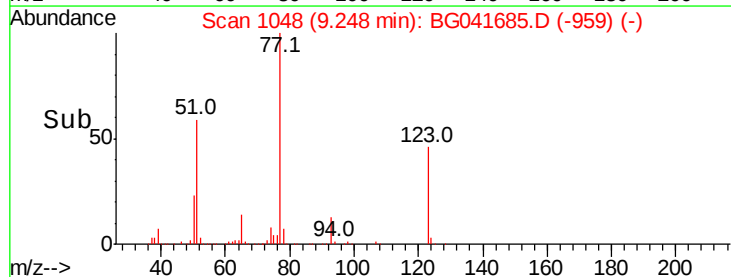
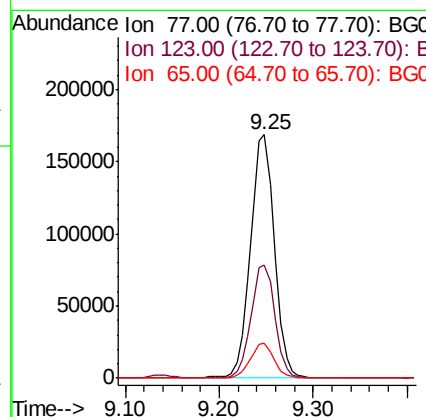
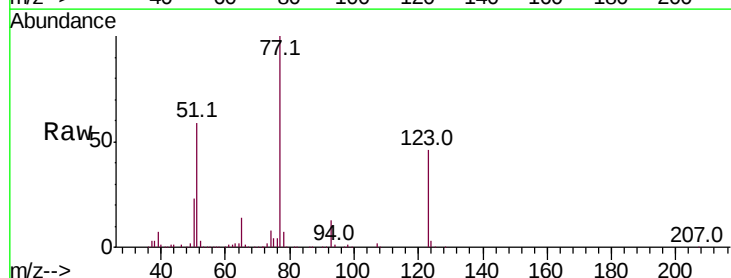
Instrument :
 BNA_G
 ClientSampleId :

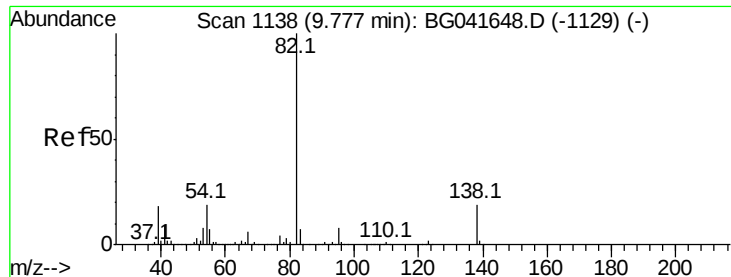
Tot Ion: 82 Resp: 551571
 Ion Ratio Lower Upper
 82 100
 128 43.6 35.1 52.7
 54 59.2 48.7 73.1



#24
 Nitrobenzene
 Concen: 47.470 ng
 RT: 9.25 min Scan# 1048
 Delta R.T. -0.00 min
 Lab File: BG041685.D
 Acq: 17 Jul 2019 12:10

Tgt Ion: 77 Resp: 297996
 Ion Ratio Lower Upper
 77 100
 123 46.4 38.1 57.1
 65 14.2 11.0 16.6





#25

Isophorone

Concen: 44.803 ng

RT: 9.77 min Scan# 1137

Delta R.T. -0.01 min

Lab File: BG041685.D

Acq: 17 Jul 2019 12:10

Instrument :

BNA_G

ClientSampleId :

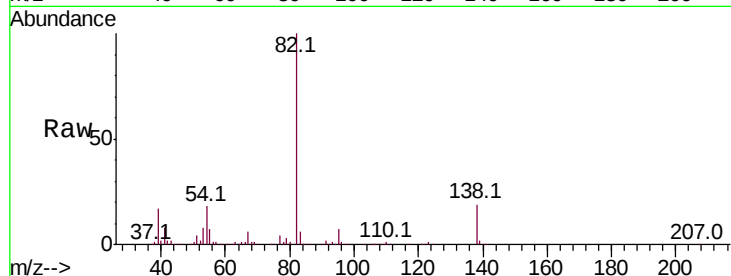
Tot Ion: 82 Resp: 564568

Ion Ratio Lower Upper

82 100

95 7.4 5.9 8.9

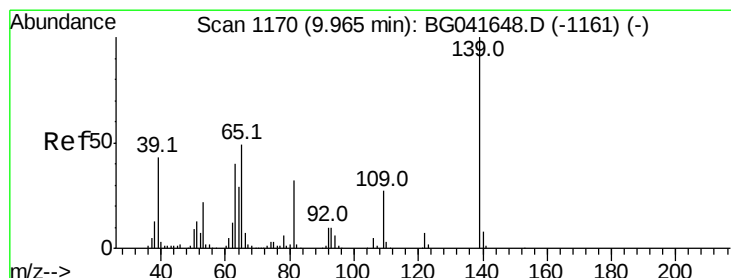
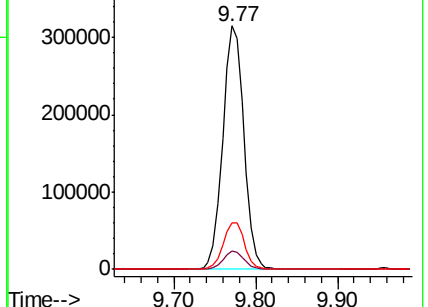
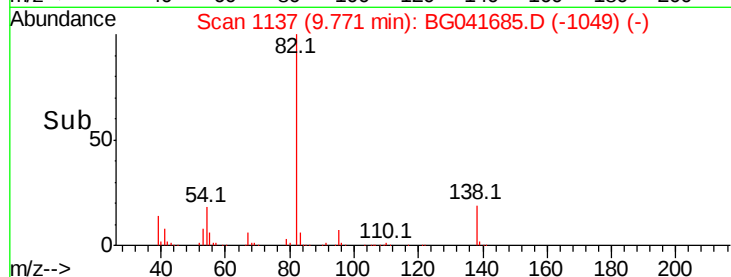
138 19.0 16.3 24.5



Abundance Ion 82.00 (81.70 to 82.70): BG041648.D (-1129) (-)

Ion 95.00 (94.70 to 95.70): BG041648.D (-1129) (-)

Ion 138.00 (137.70 to 138.70): BG041648.D (-1129) (-)



#26

2-Nitrophenol

Concen: 49.667 ng

RT: 9.96 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BG041685.D

Acq: 17 Jul 2019 12:10

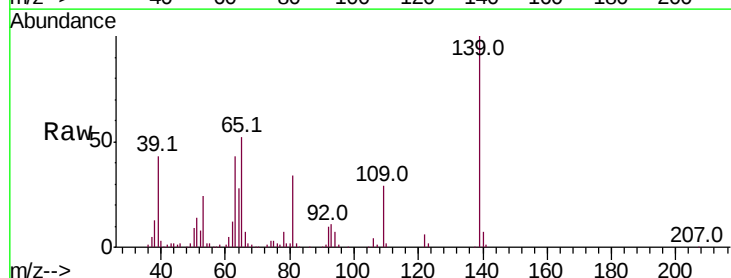
Tgt Ion: 139 Resp: 143547

Ion Ratio Lower Upper

139 100

109 29.0 22.7 34.1

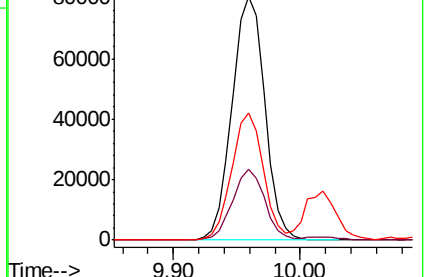
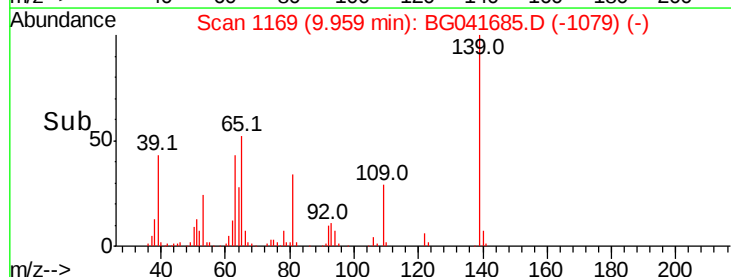
65 52.3 41.1 61.7

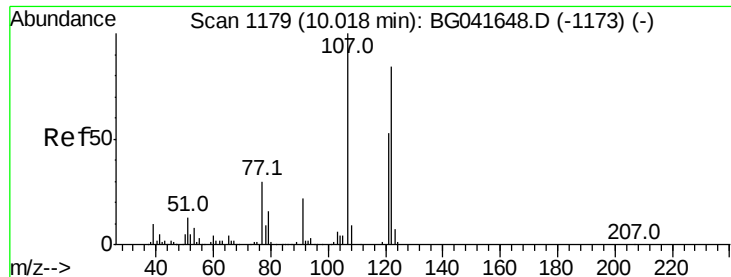


Abundance Ion 139.00 (138.70 to 139.70): BG041648.D (-1161) (-)

Ion 109.00 (108.70 to 109.70): BG041648.D (-1161) (-)

Ion 65.00 (64.70 to 65.70): BG041648.D (-1161) (-)

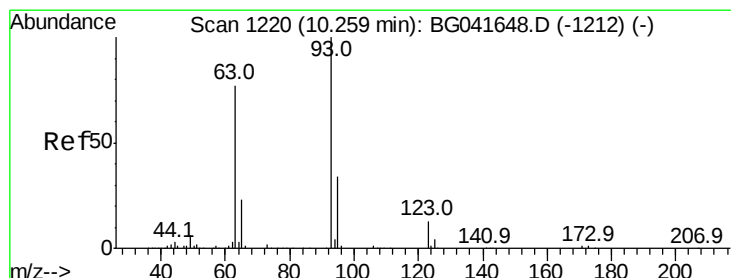
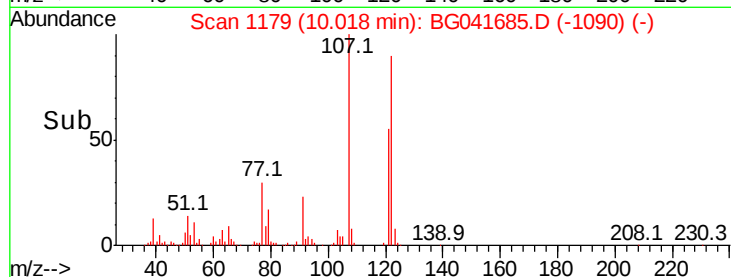
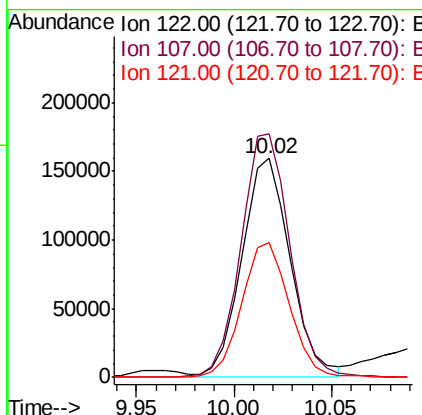
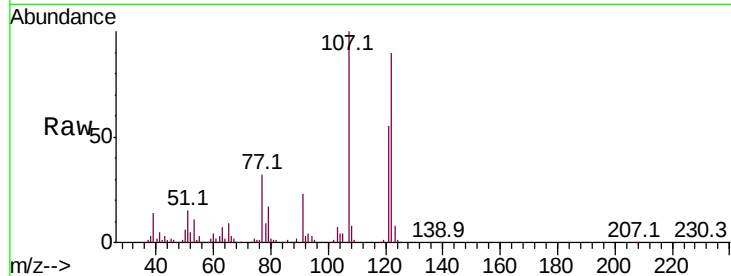




#27
 2,4-Dimethylphenol
 Concen: 55.079 ng
 RT: 10.02 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: BG041685.D
 Acq: 17 Jul 2019 12:10

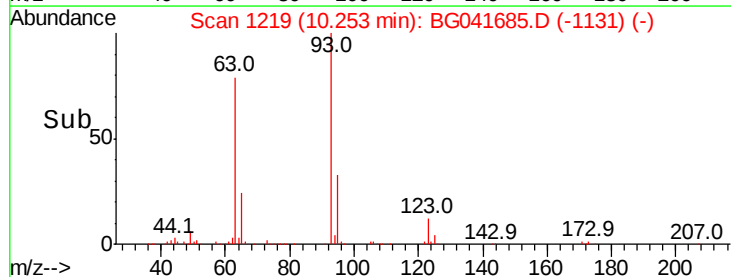
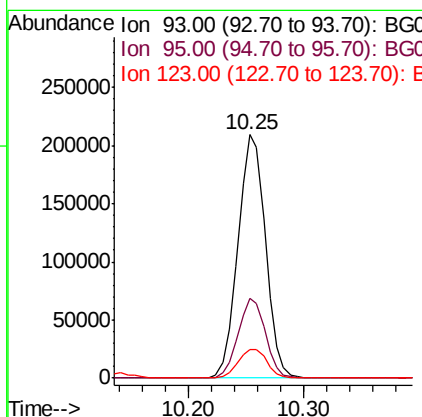
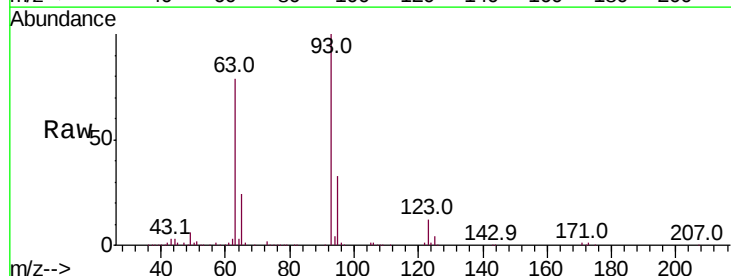
Instrument :
 BNA_G
 ClientSampleId :

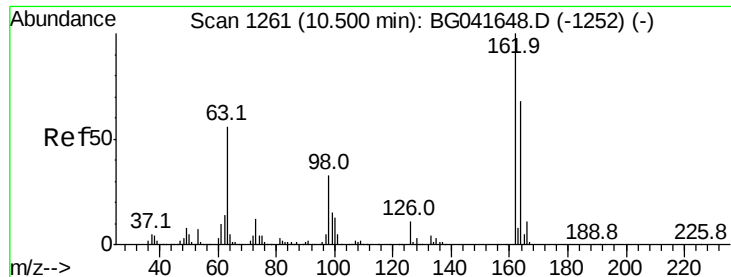
Tot Ion	Ratio	Lower	Upper
122	100		
107	111.1	91.3	136.9
121	61.6	49.2	73.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.453 ng
 RT: 10.25 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BG041685.D
 Acq: 17 Jul 2019 12:10

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.2	39.4
123	11.9	9.9	14.9





#29

2,4-Dichlorophenol

Concen: 50.064 ng

RT: 10.49 min Scan# 1260

Delta R.T. -0.00 min

Lab File: BG041685.D

Acq: 17 Jul 2019 12:10

Instrument :

BNA_G

ClientSampleId :

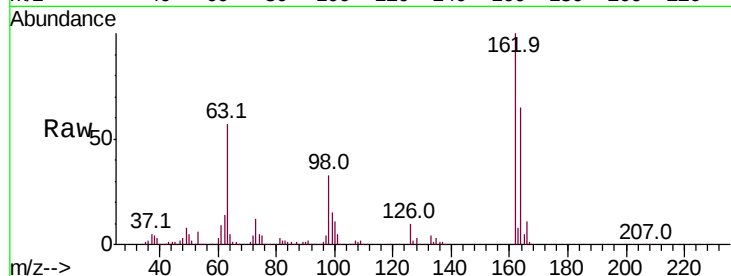
Tot Ion:162 Resp: 284585

Ion Ratio Lower Upper

162 100

164 65.4 46.1 86.1

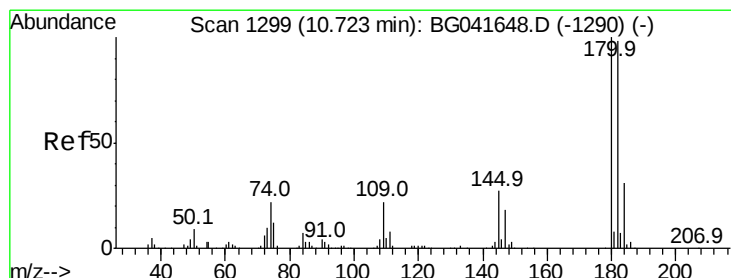
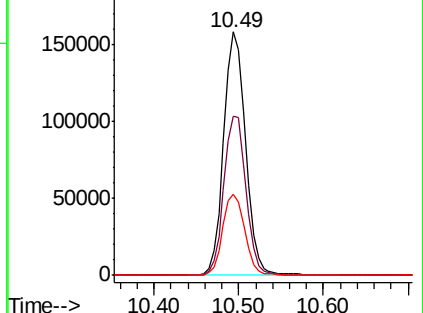
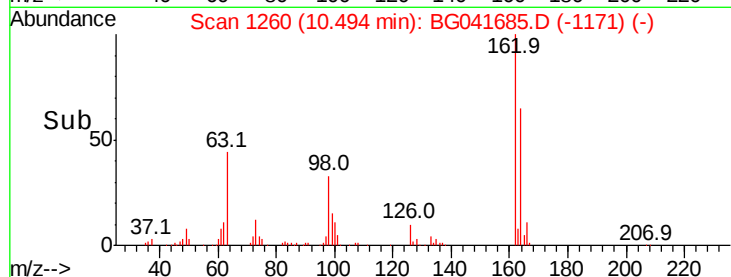
98 33.1 14.7 54.7



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: 45.420 ng

RT: 10.72 min Scan# 1298

Delta R.T. -0.00 min

Lab File: BG041685.D

Acq: 17 Jul 2019 12:10

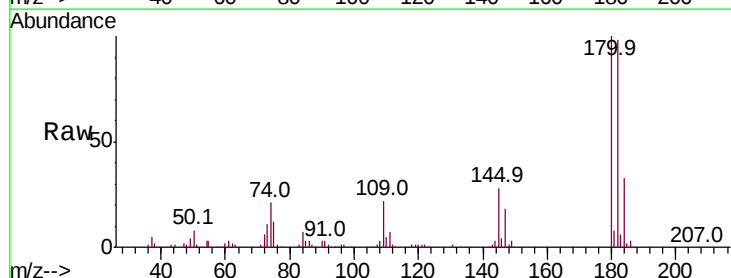
Tgt Ion:180 Resp: 303150

Ion Ratio Lower Upper

180 100

182 98.4 76.2 114.2

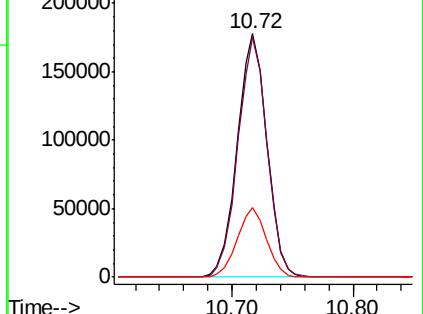
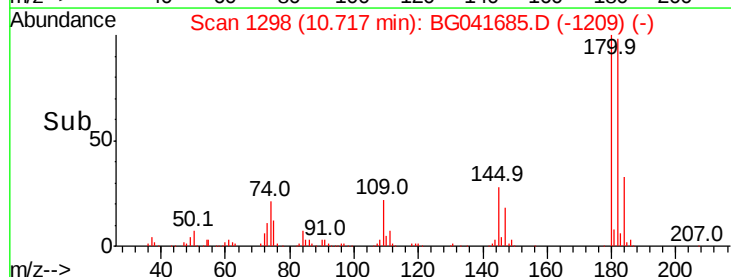
145 28.3 23.8 35.8

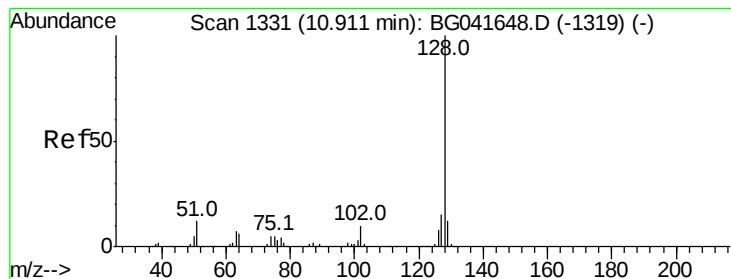


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 46.583 ng

RT: 10.91 min Scan# 1330

Delta R.T. -0.00 min

Lab File: BG041685.D

Acq: 17 Jul 2019 12:10

Instrument :

BNA_G

ClientSampled :

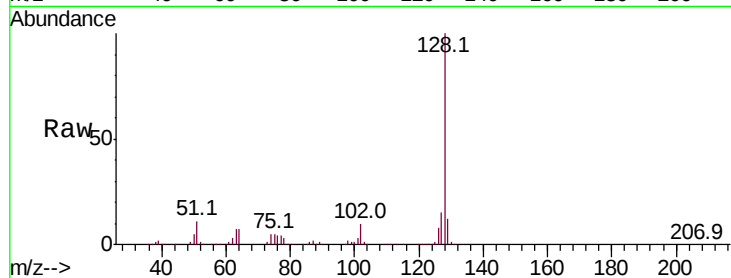
Tot Ion:128 Resp: 802605

Ion Ratio Lower Upper

128 100

129 11.6 10.0 15.0

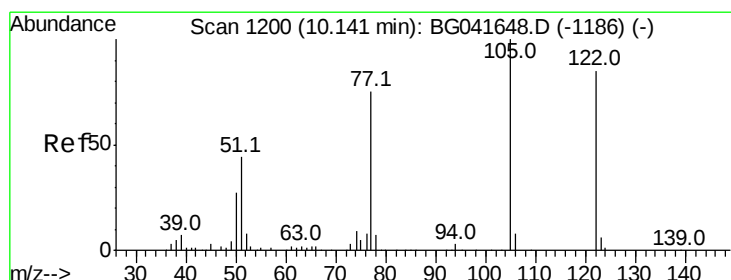
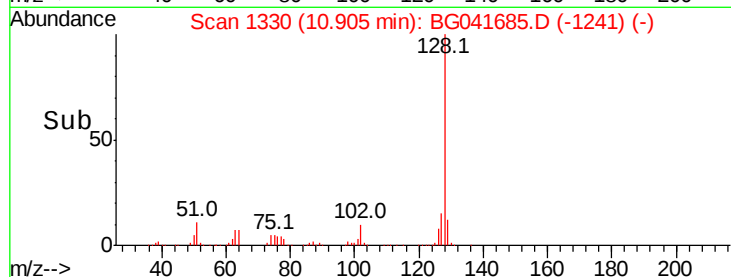
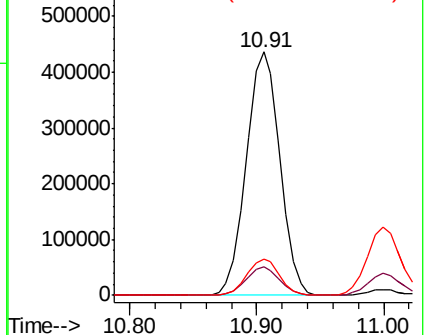
127 14.8 12.3 18.5



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: 48.630 ng

RT: 10.14 min Scan# 1200

Delta R.T. -0.03 min

Lab File: BG041685.D

Acq: 17 Jul 2019 12:10

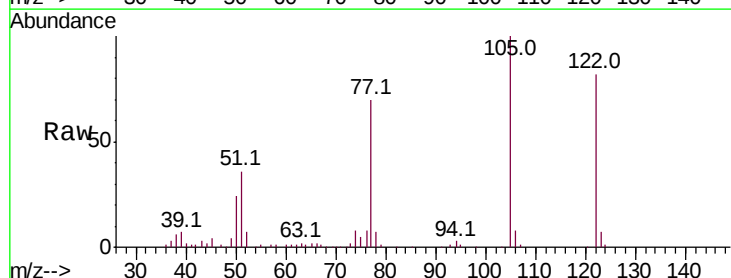
Tgt Ion:122 Resp: 184403

Ion Ratio Lower Upper

122 100

105 122.3 101.5 141.5

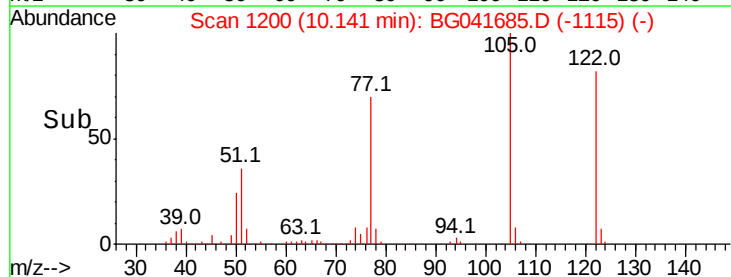
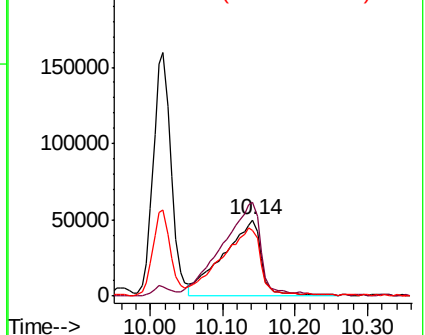
77 86.0 73.0 113.0

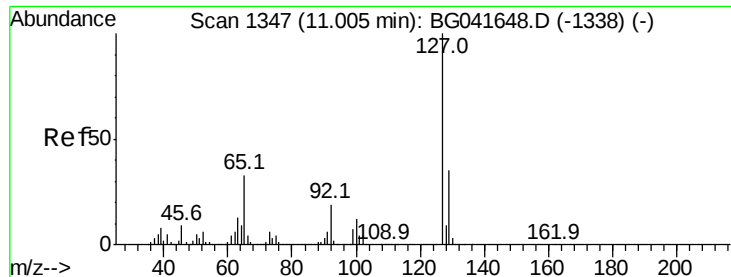


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

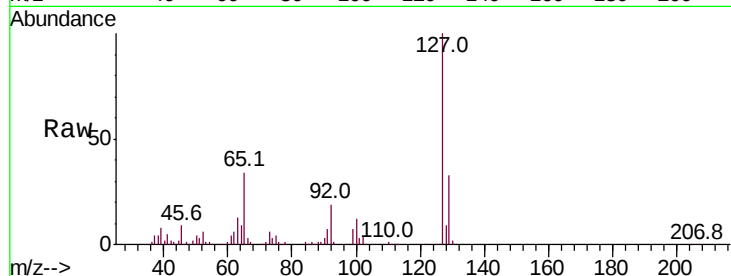




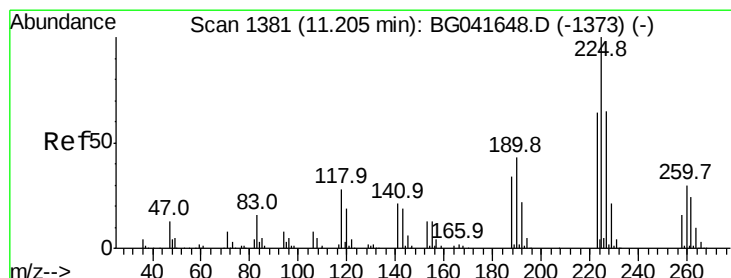
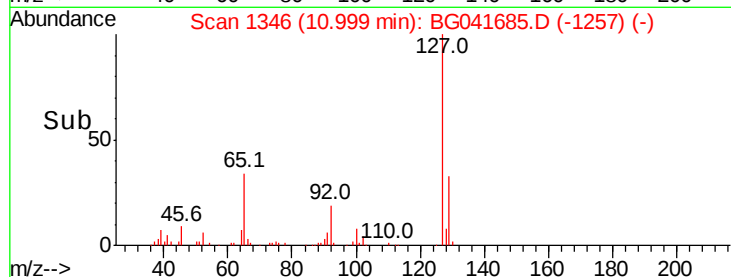
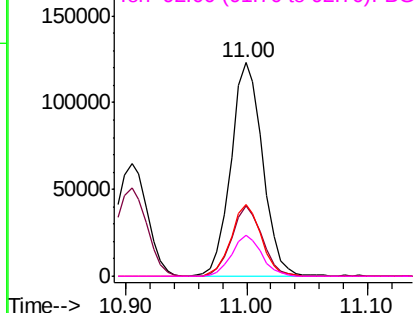
#33
4-Chloroaniline
Concen: 28.025 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BG041685.D
Acq: 17 Jul 2019 12:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp:	222727
Ion Ratio	Lower	Upper
127	100	
129	32.8	25.8 38.8
65	33.6	26.7 40.1
92	19.0	15.4 23.0

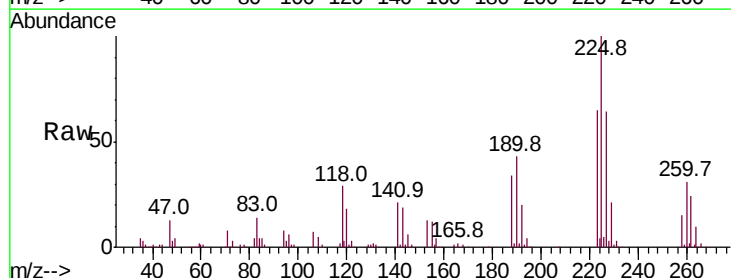


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

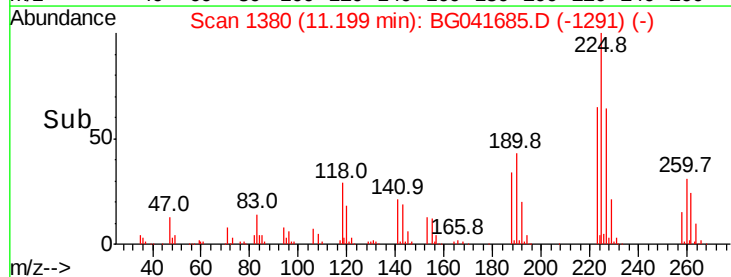
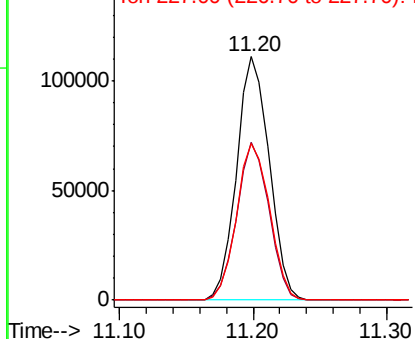


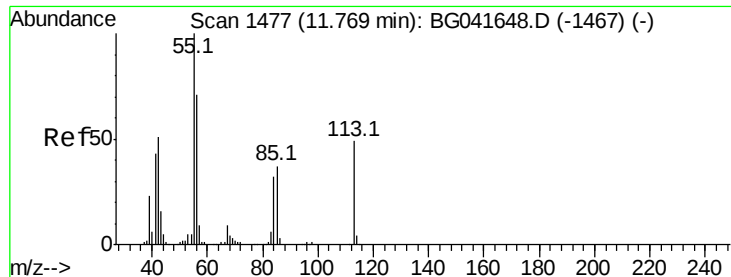
#34
Hexachlorobutadiene
Concen: 43.762 ng
RT: 11.20 min Scan# 1380
Delta R.T. -0.00 min
Lab File: BG041685.D
Acq: 17 Jul 2019 12:10

Tgt Ion:225	Resp:	187733
Ion Ratio	Lower	Upper
225	100	
223	64.6	51.1 76.7
227	64.2	50.9 76.3



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: 24.281 ng

RT: 11.76 min Scan# 1476

Delta R.T. -0.02 min

Lab File: BG041685.D

Acq: 17 Jul 2019 12:10

Instrument :

BNA_G

ClientSampleId :

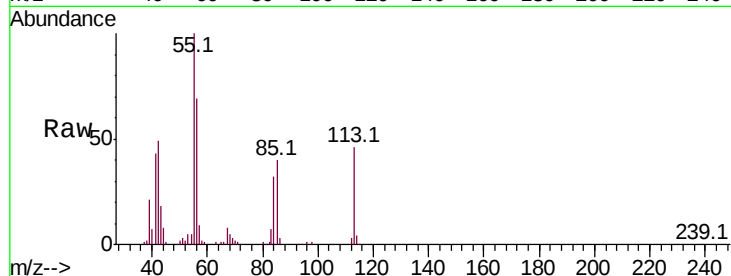
Tot Ion:113 Resp: 50732

Ion Ratio Lower Upper

113 100

55 215.4 199.4 239.4

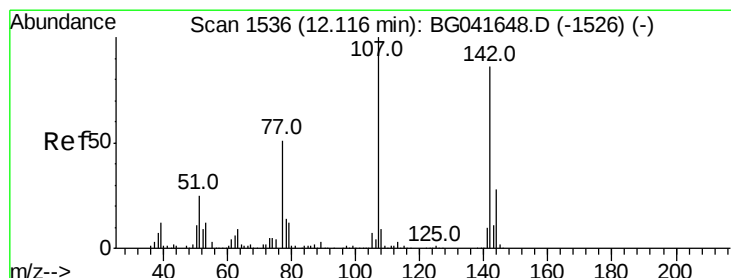
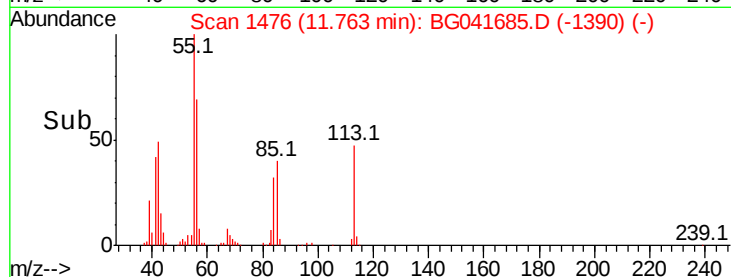
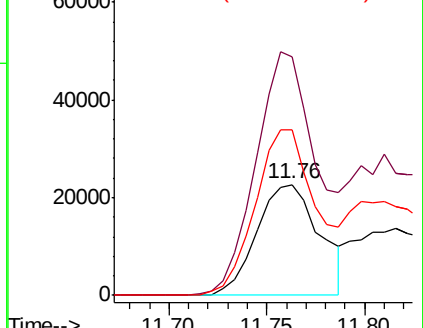
56 148.8 133.6 173.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG041685.D (-1390) (-)

Ion 56.00 (55.70 to 56.70): BG041685.D (-1390) (-)



#36

4-Chloro-3-methylphenol

Concen: 48.634 ng

RT: 12.12 min Scan# 1536

Delta R.T. -0.00 min

Lab File: BG041685.D

Acq: 17 Jul 2019 12:10

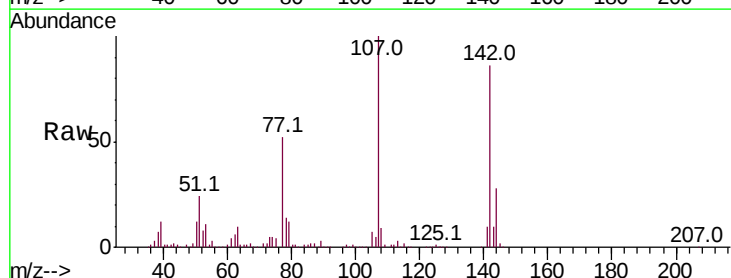
Tgt Ion:107 Resp: 289617

Ion Ratio Lower Upper

107 100

144 28.0 22.2 33.2

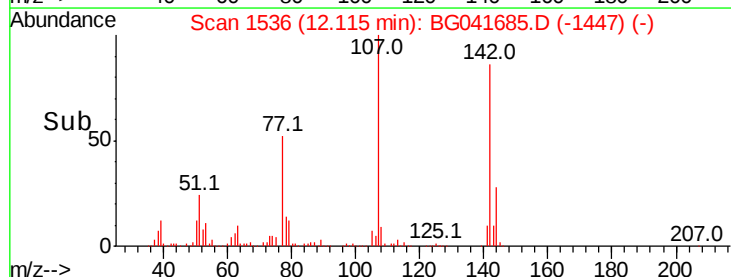
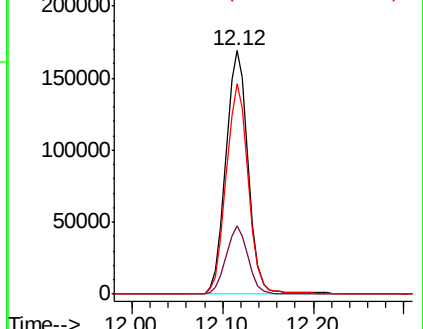
142 86.2 67.3 100.9

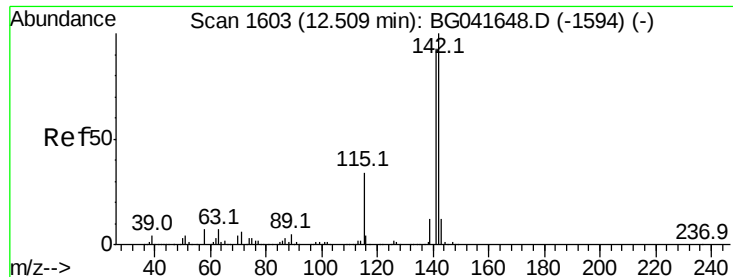


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 47.268 ng

RT: 12.51 min Scan# 1603

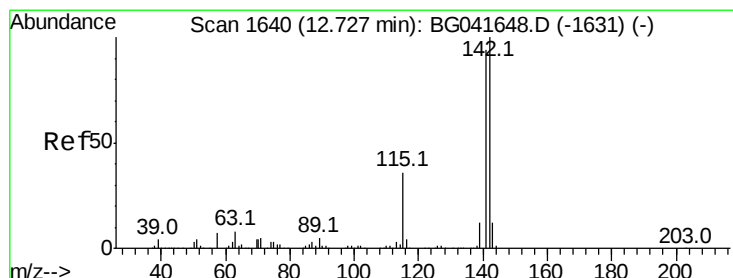
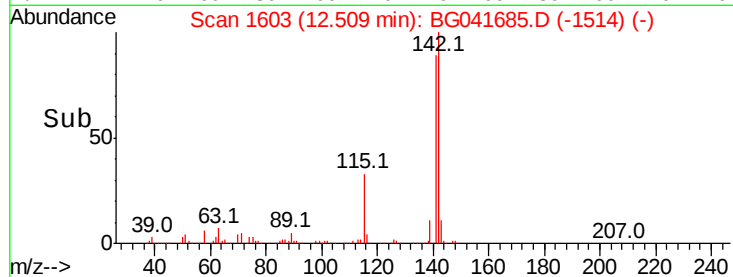
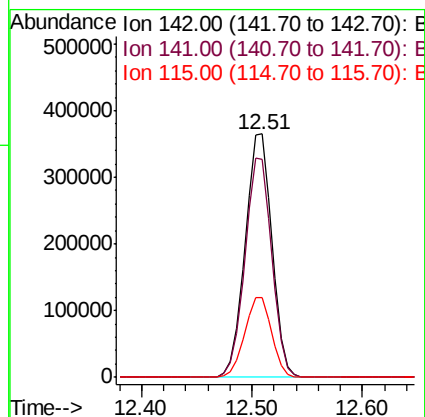
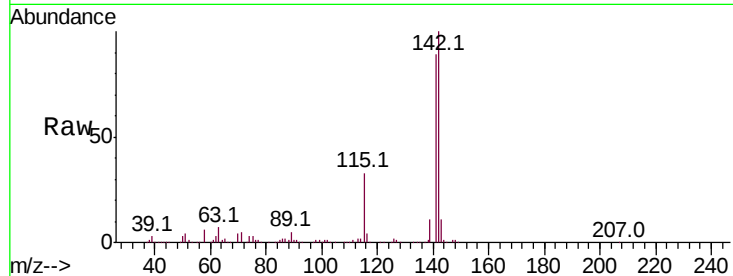
Delta R.T. -0.00 min

Lab File: BG041685.D

Acq: 17 Jul 2019 12:10

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	72.7	109.1
115	32.7	27.0	40.4



#38

1-Methylnaphthalene

Concen: 46.556 ng

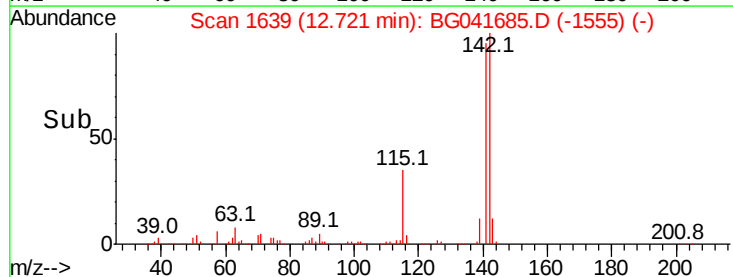
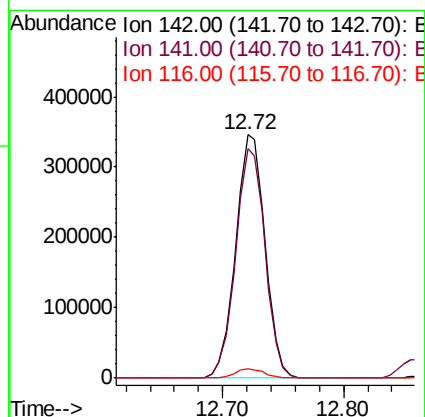
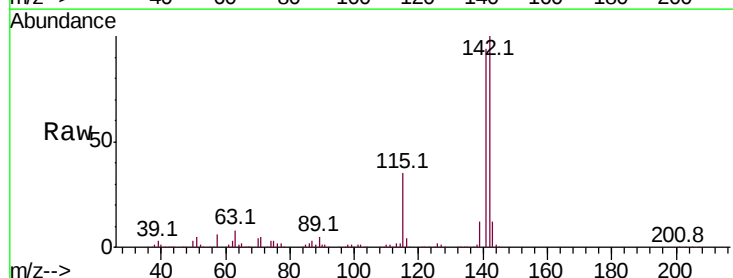
RT: 12.72 min Scan# 1639

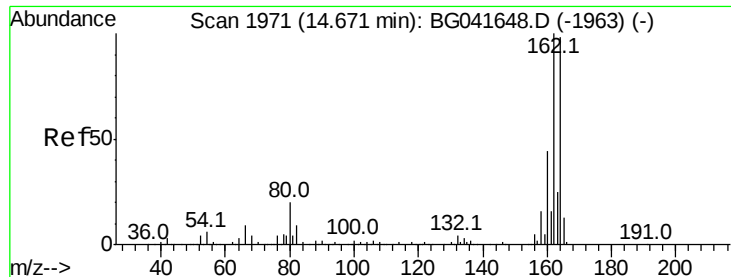
Delta R.T. -0.00 min

Lab File: BG041685.D

Acq: 17 Jul 2019 12:10

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.4	75.4	113.2
116	3.9	3.2	4.8

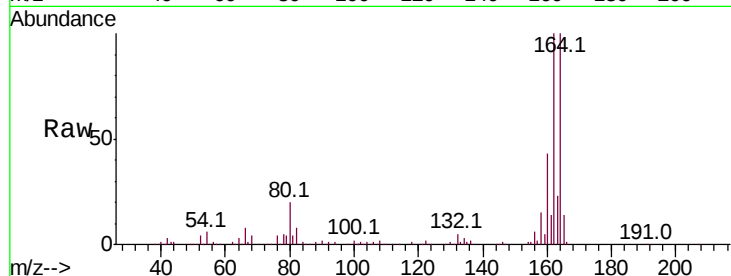




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1970
Delta R.T. -0.00 min
Lab File: BG041685.D
Acq: 17 Jul 2019 12:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.8	79.6	119.4
160	43.5	35.4	53.0

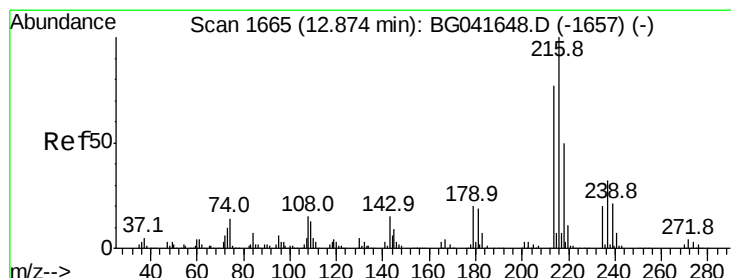
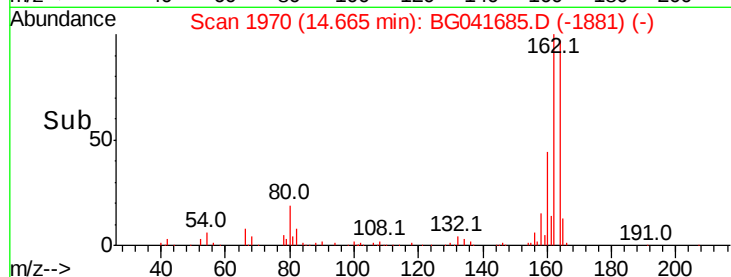
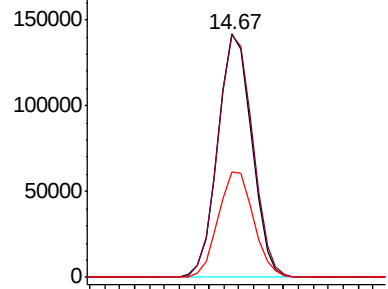


Abundance

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: 45.905 ng
RT: 12.87 min Scan# 1665
Delta R.T. -0.00 min
Lab File: BG041685.D
Acq: 17 Jul 2019 12:10

Tgt Ion	Ratio	Lower	Upper
216	100		
214	76.2	61.5	92.3
179	19.8	16.2	24.2
108	16.8	13.2	19.8

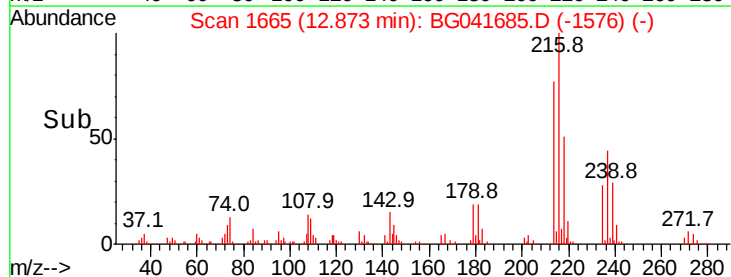
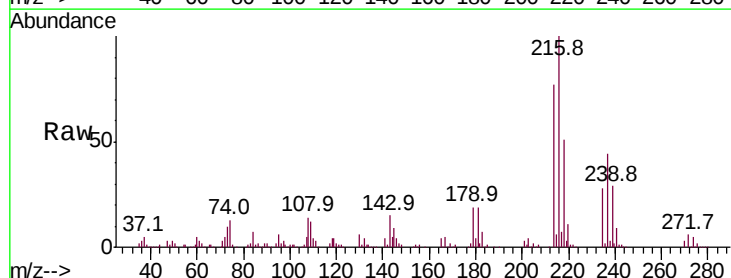
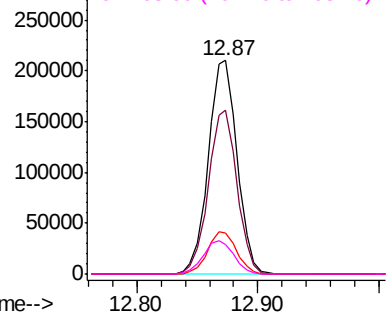
Abundance

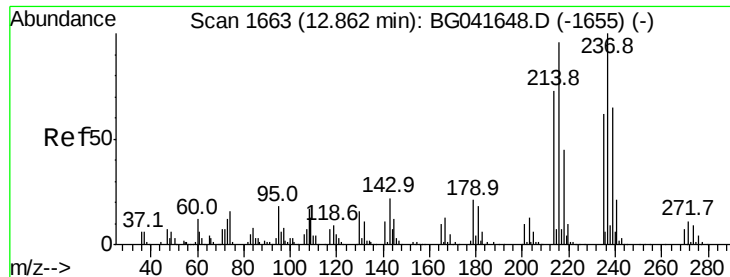
Ion 216.00 (215.70 to 216.70): E

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: 91.754 ng

RT: 12.86 min Scan# 1663

Delta R.T. -0.00 min

Lab File: BG041685.D

Acq: 17 Jul 2019 12:10

Instrument :

BNA_G

ClientSampleId :

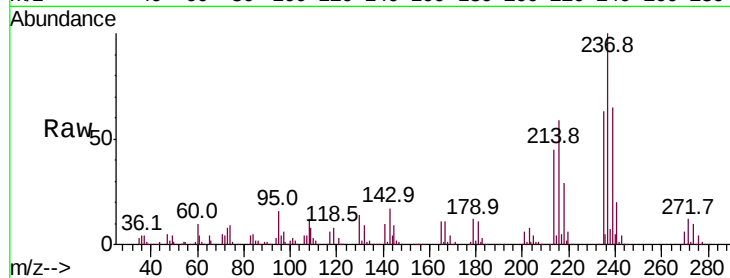
Tot Ion:237 Resp: 394386

Ion Ratio Lower Upper

237 100

235 62.8 43.5 83.5

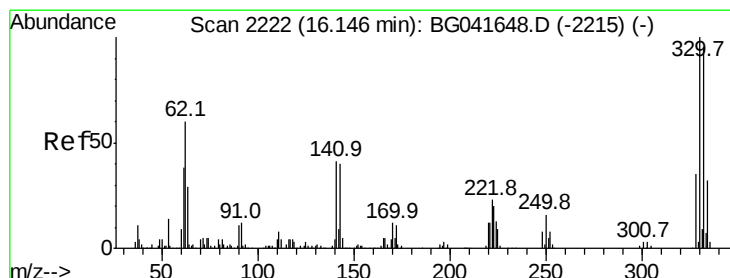
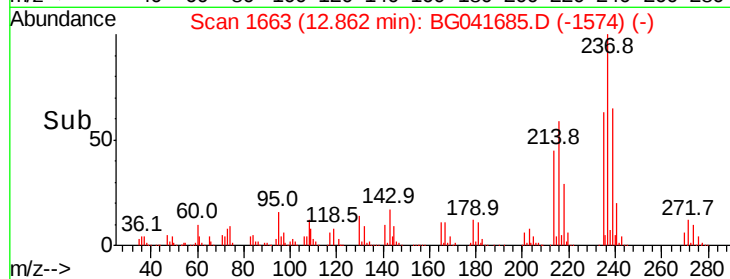
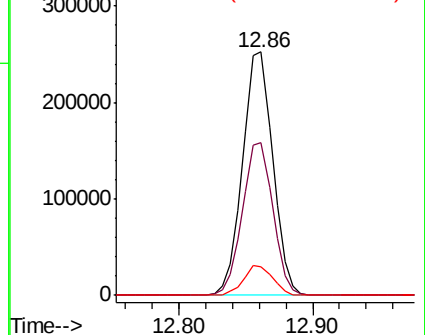
272 11.9 0.0 31.2



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: 150.942 ng

RT: 16.15 min Scan# 2222

Delta R.T. -0.00 min

Lab File: BG041685.D

Acq: 17 Jul 2019 12:10

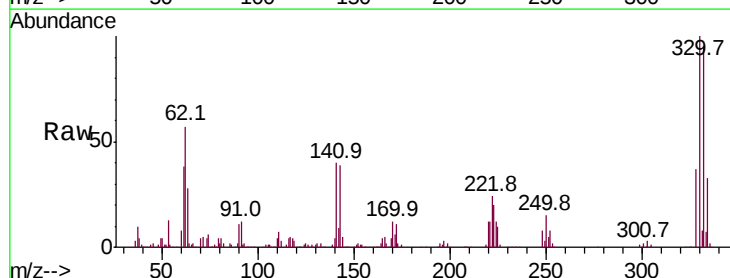
Tgt Ion:330 Resp: 377351

Ion Ratio Lower Upper

330 100

332 96.5 77.4 116.0

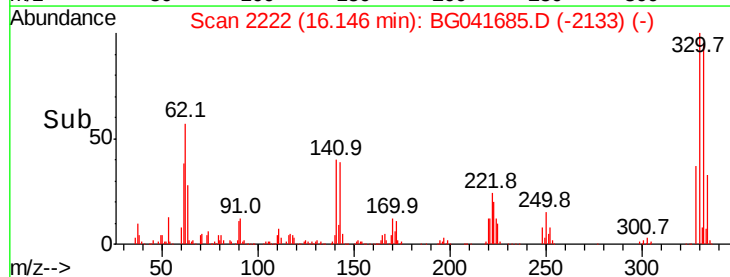
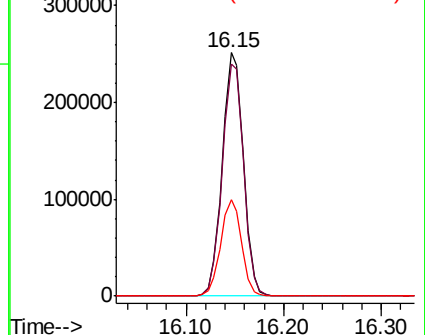
141 39.1 31.9 47.9

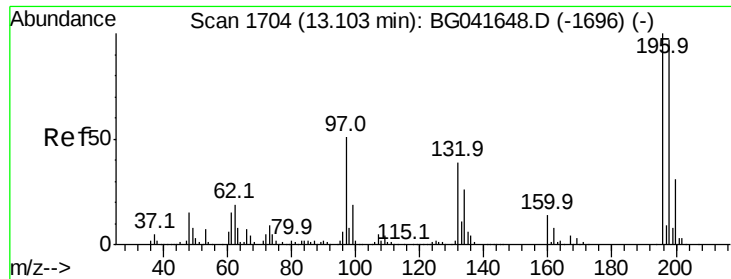


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

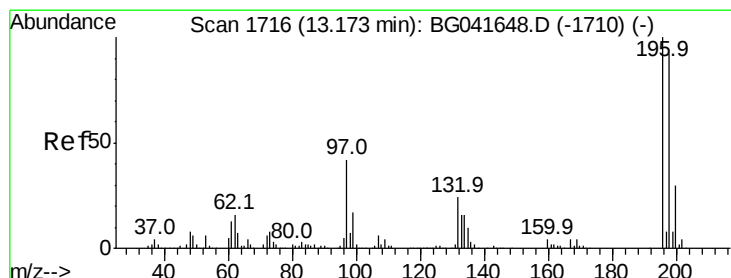
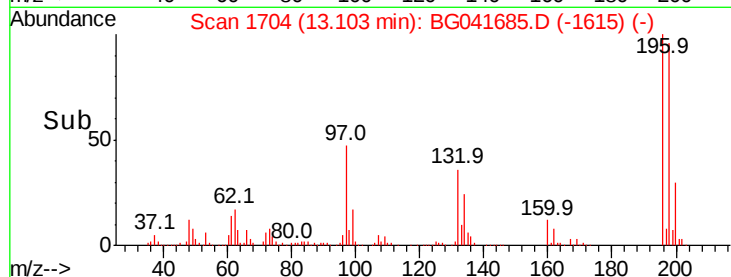
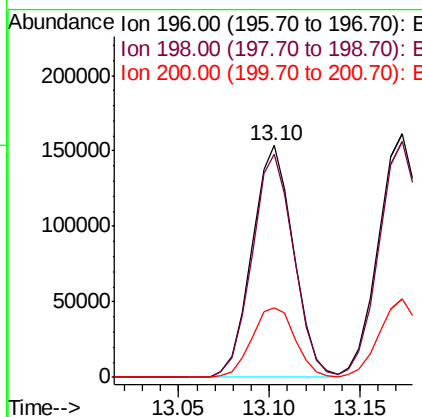
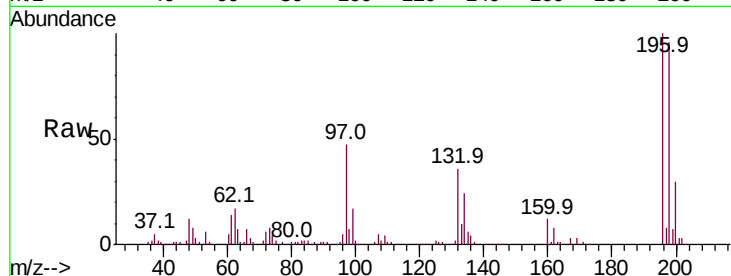




#43
 2,4,6-Trichlorophenol
 Concen: 49.518 ng
 RT: 13.10 min Scan# 1704
 Delta R.T. -0.00 min
 Lab File: BG041685.D
 Acq: 17 Jul 2019 12:10

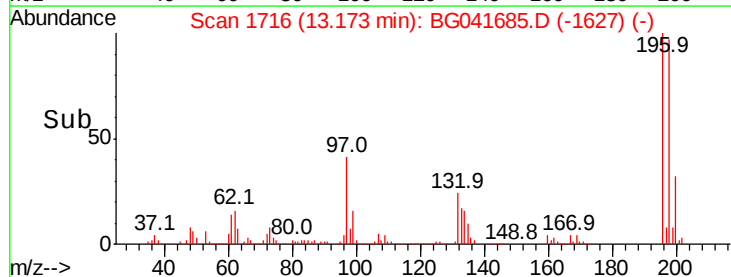
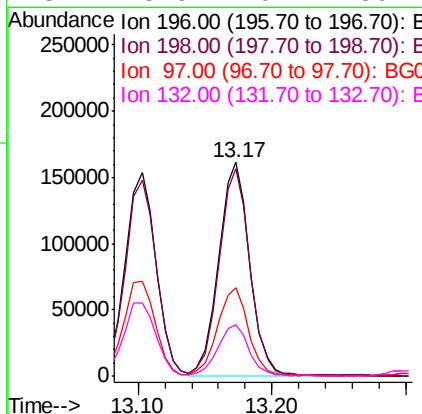
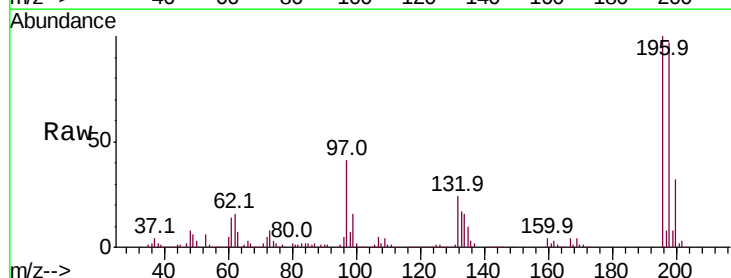
Instrument :
 BNA_G
 ClientSampleId :

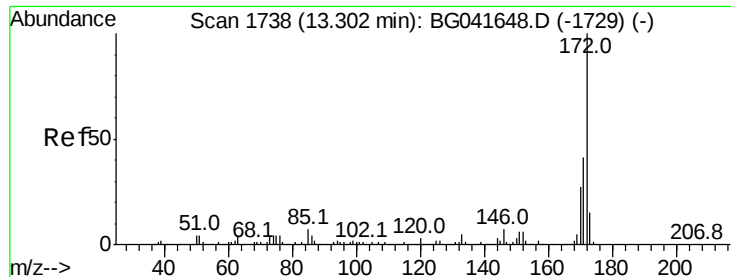
Tot Ion:196 Resp: 244477
 Ion Ratio Lower Upper
 196 100
 198 96.1 79.6 119.4
 200 30.1 25.2 37.8



#44
 2,4,5-Trichlorophenol
 Concen: 50.296 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.00 min
 Lab File: BG041685.D
 Acq: 17 Jul 2019 12:10

Tgt Ion:196 Resp: 261631
 Ion Ratio Lower Upper
 196 100
 198 97.1 80.6 121.0
 97 41.3 33.9 50.9
 132 23.9 20.2 30.2

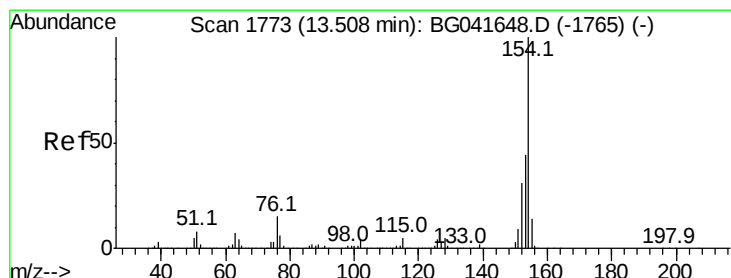
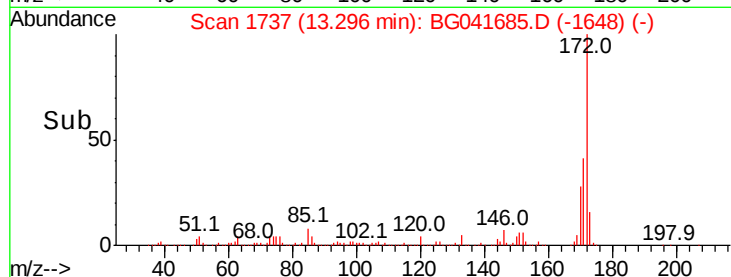
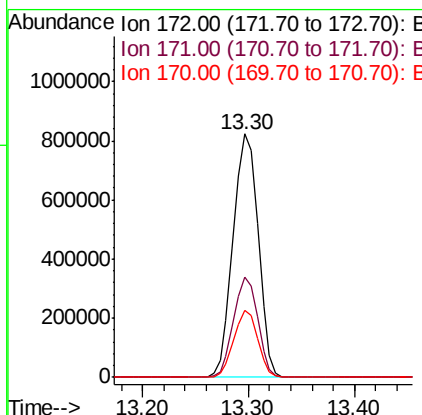
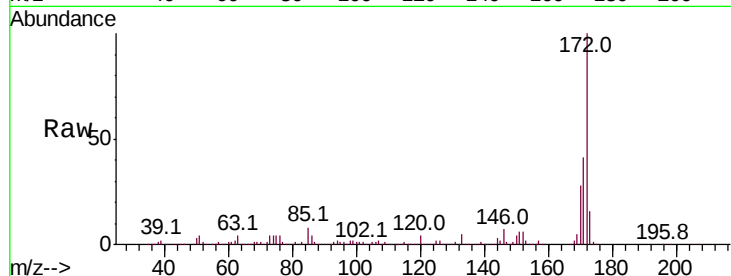




#45
2-Fluorobiphenyl
Concen: 94.124 ng
RT: 13.30 min Scan# 1737
Delta R.T. -0.00 min
Lab File: BG041685.D
Acq: 17 Jul 2019 12:10

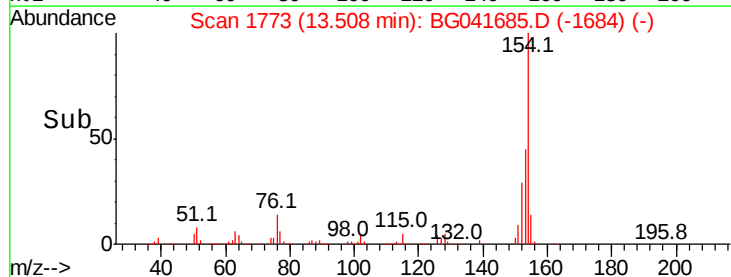
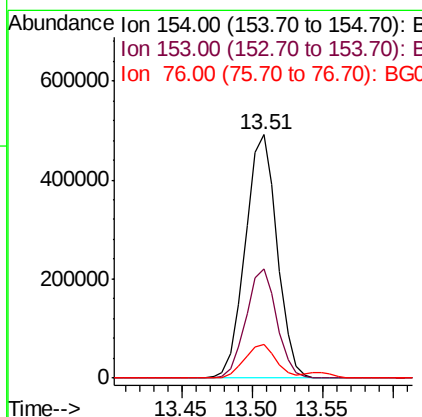
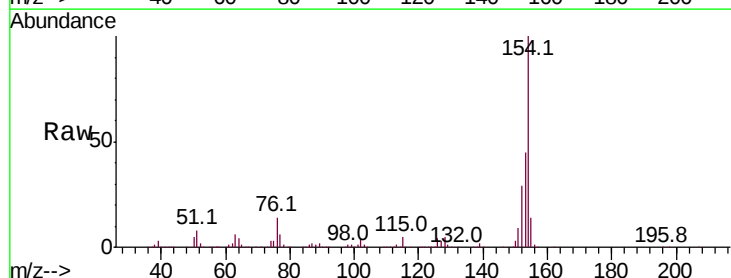
Instrument :
BNA_G
ClientSampleId :

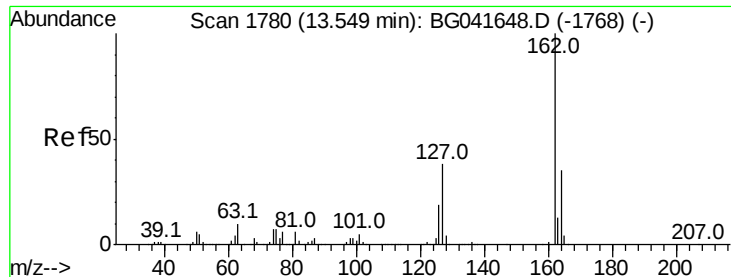
Tot Ion:172 Resp: 1348367
Ion Ratio Lower Upper
172 100
171 41.0 35.0 52.4
170 27.5 23.5 35.3



#46
1,1'-Biphenyl
Concen: 46.500 ng
RT: 13.51 min Scan# 1773
Delta R.T. -0.00 min
Lab File: BG041685.D
Acq: 17 Jul 2019 12:10

Tgt Ion:154 Resp: 772785
Ion Ratio Lower Upper
154 100
153 44.8 25.0 65.0
76 13.7 0.0 34.5





#47

2-Chloronaphthalene

Concen: 45.371 ng

RT: 13.55 min Scan# 1780

Delta R.T. -0.00 min

Lab File: BG041685.D

Acq: 17 Jul 2019 12:10

Instrument :

BNA_G

ClientSampleId :

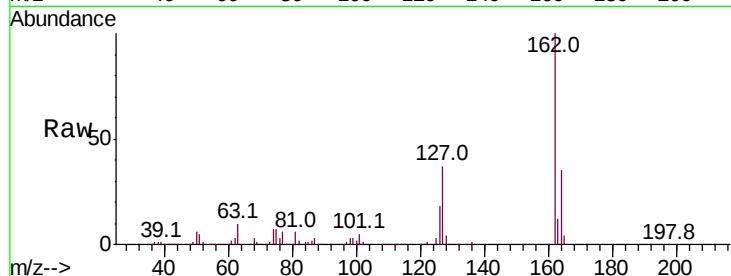
Tot Ion:162 Resp: 628415

Ion Ratio Lower Upper

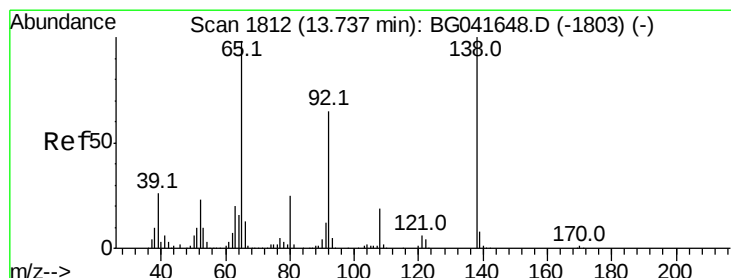
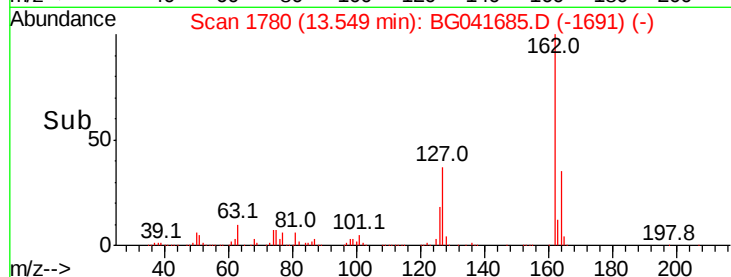
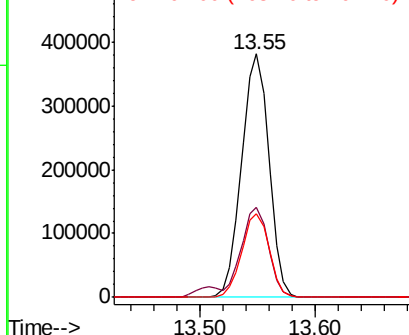
162 100

127 37.1 30.4 45.6

164 34.6 28.6 42.8



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: 47.937 ng

RT: 13.74 min Scan# 1812

Delta R.T. -0.00 min

Lab File: BG041685.D

Acq: 17 Jul 2019 12:10

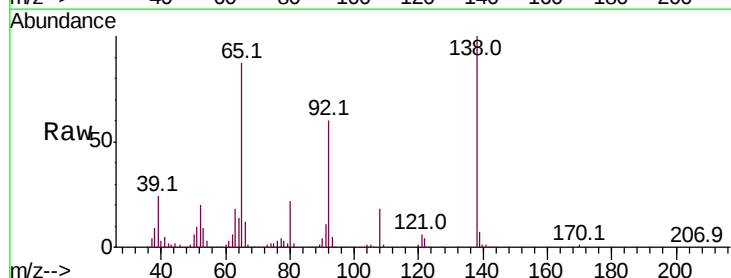
Tgt Ion: 65 Resp: 193315

Ion Ratio Lower Upper

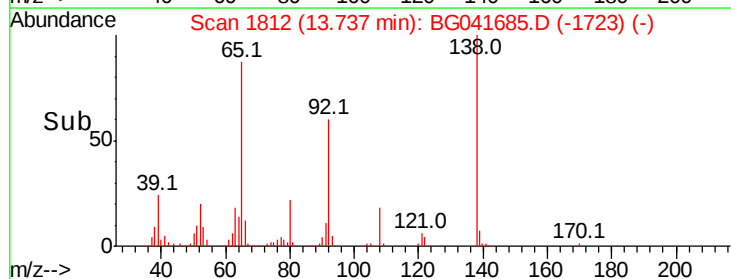
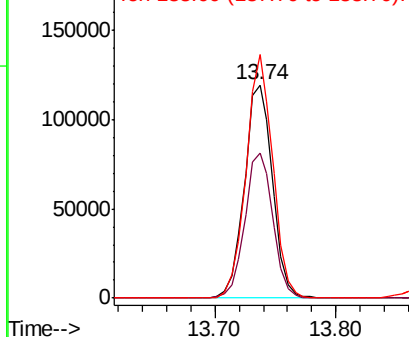
65 100

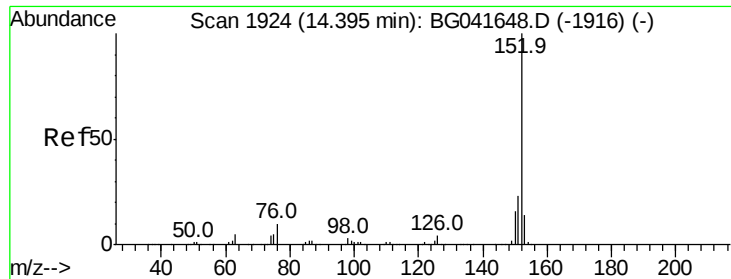
92 68.3 53.9 80.9

138 114.3 83.5 125.3



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: 46.195 ng

RT: 14.39 min Scan# 1923

Delta R.T. -0.00 min

Lab File: BG041685.D

Acq: 17 Jul 2019 12:10

Instrument :

BNA_G

ClientSampleId :

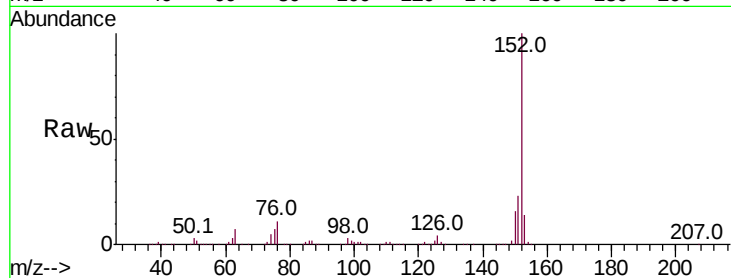
Tot Ion:152 Resp: 998839

Ion Ratio Lower Upper

152 100

151 23.2 18.7 28.1

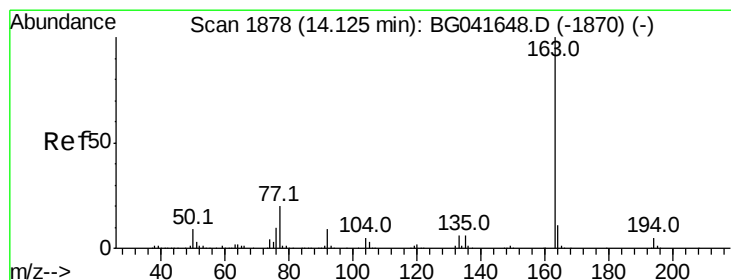
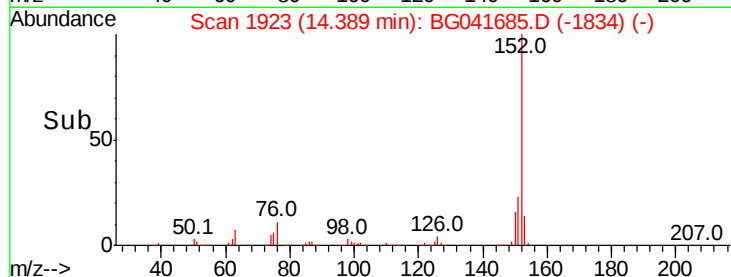
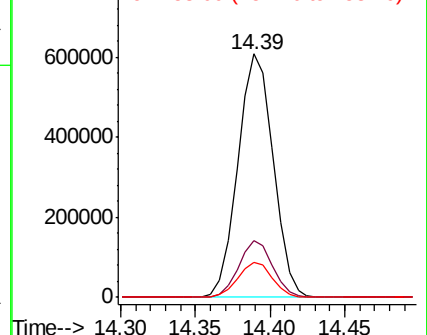
153 14.4 12.4 18.6



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



#50

Dimethylphthalate

Concen: 46.773 ng

RT: 14.12 min Scan# 1877

Delta R.T. -0.01 min

Lab File: BG041685.D

Acq: 17 Jul 2019 12:10

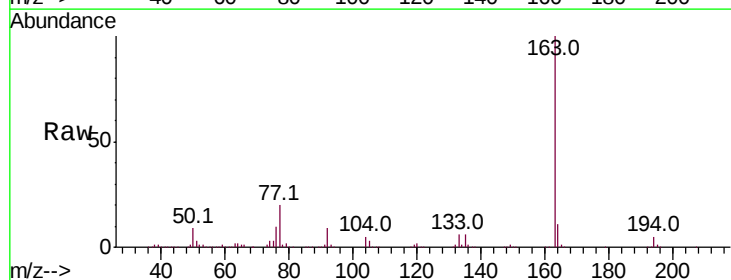
Tgt Ion:163 Resp: 814884

Ion Ratio Lower Upper

163 100

194 5.0 4.2 6.2

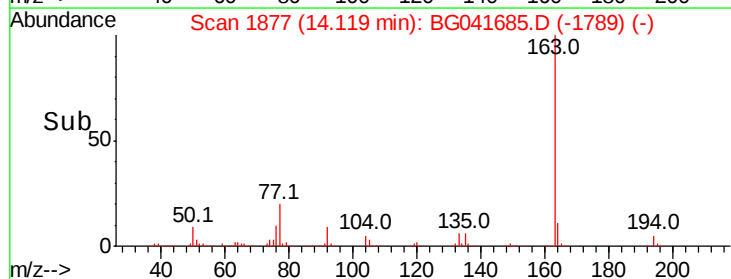
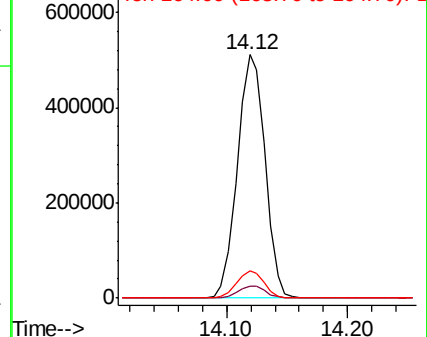
164 11.2 9.4 14.2

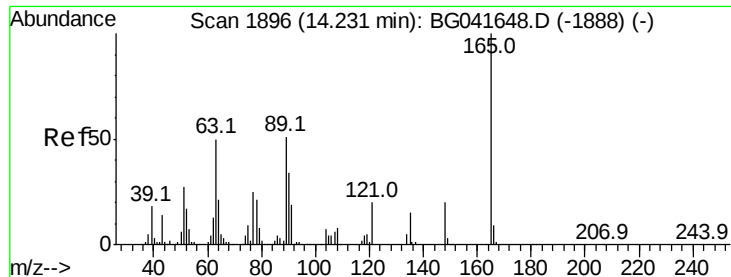


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

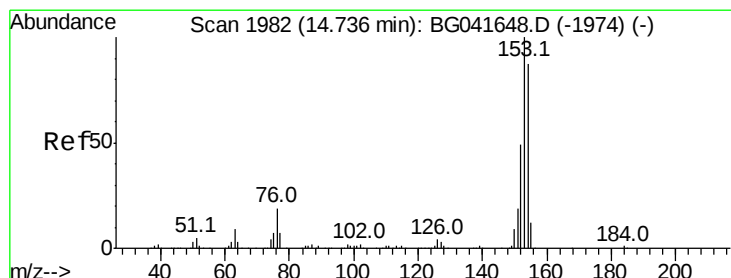
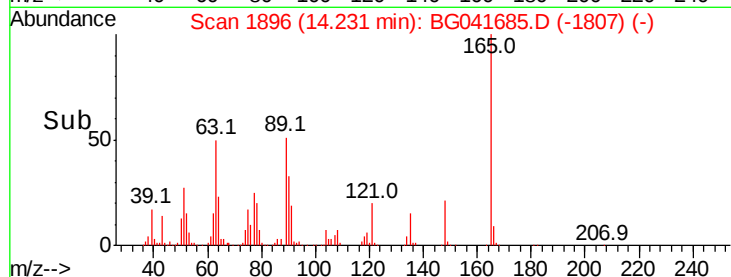
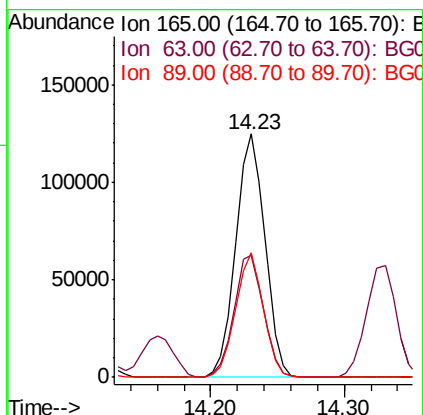
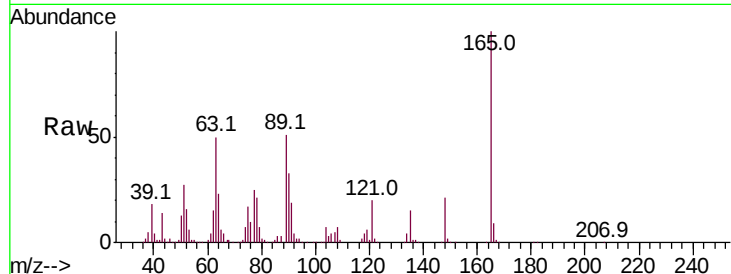




#51
2,6-Dinitrotoluene
Concen: 51.181 ng
RT: 14.23 min Scan# 1896
Delta R.T. -0.00 min
Lab File: BG041685.D
Acq: 17 Jul 2019 12:10

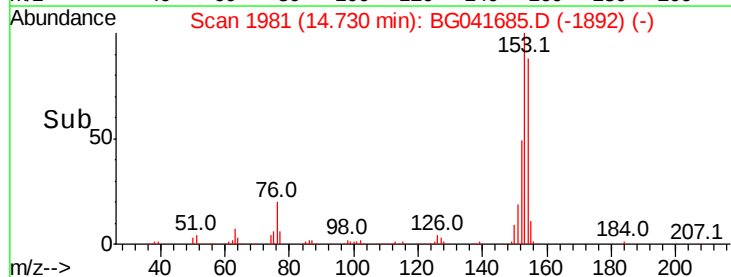
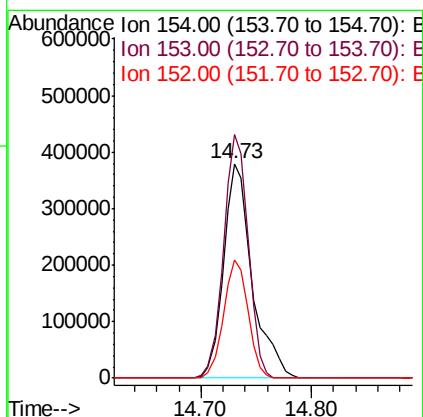
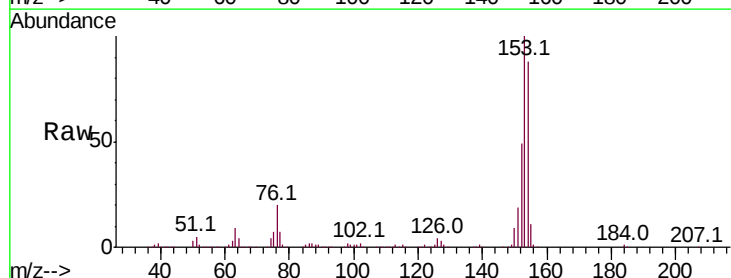
Instrument :
BNA_G
ClientSampleId :

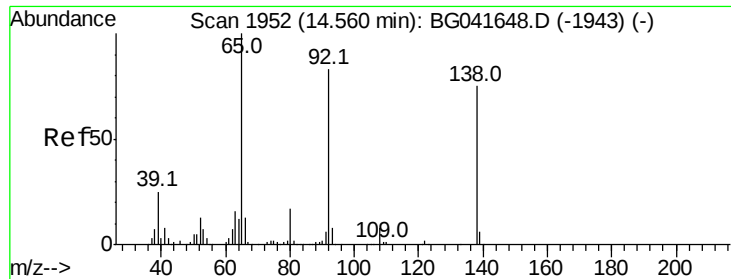
Tot Ion:165 Resp: 189136
Ion Ratio Lower Upper
165 100
63 50.3 42.4 63.6
89 51.1 42.1 63.1



#52
Acenaphthene
Concen: 50.347 ng
RT: 14.73 min Scan# 1981
Delta R.T. -0.00 min
Lab File: BG041685.D
Acq: 17 Jul 2019 12:10

Tgt Ion:154 Resp: 686020
Ion Ratio Lower Upper
154 100
153 113.7 89.8 134.6
152 55.3 44.9 67.3

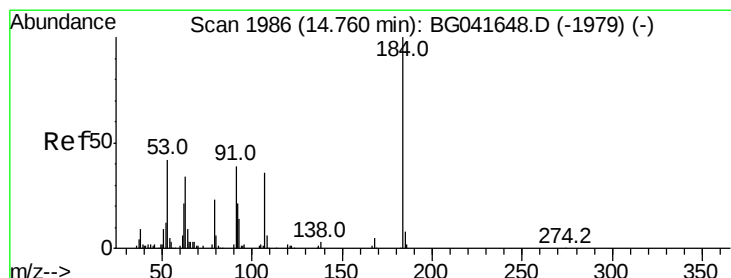
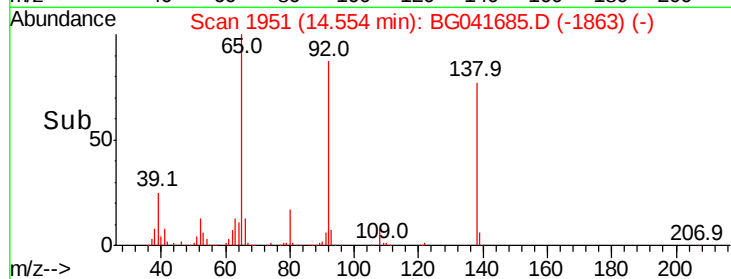
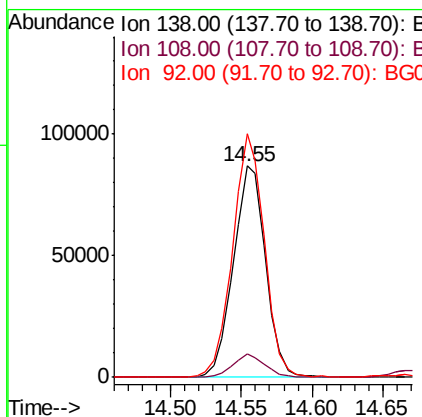
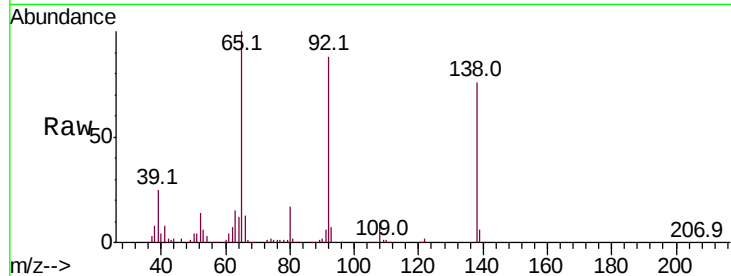




#53
3-Nitroaniline
Concen: 34.284 ng
RT: 14.55 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BG041685.D
Acq: 17 Jul 2019 12:10

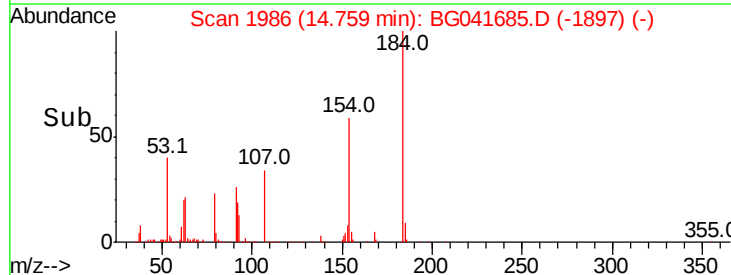
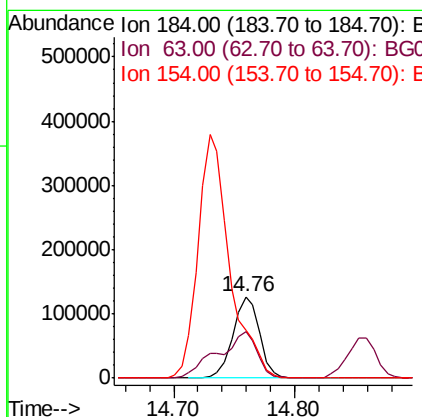
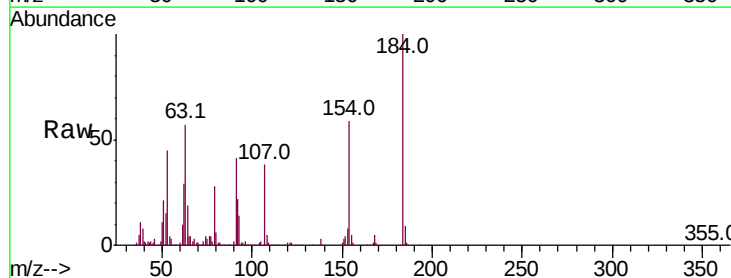
Instrument :
BNA_G
ClientSampleId :

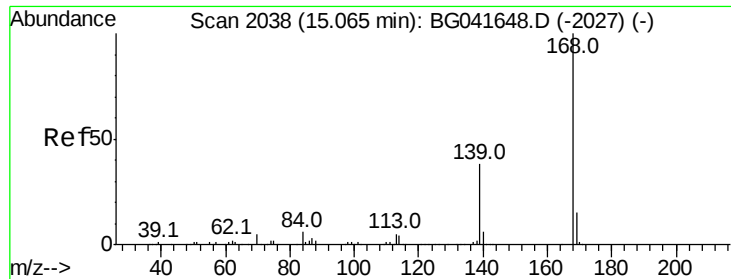
Tot Ion:138 Resp: 138302
Ion Ratio Lower Upper
138 100
108 11.2 10.3 15.5
92 115.4 93.0 139.4



#54
2,4-Dinitrophenol
Concen: 101.052 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.00 min
Lab File: BG041685.D
Acq: 17 Jul 2019 12:10

Tgt Ion:184 Resp: 192933
Ion Ratio Lower Upper
184 100
63 57.2 43.2 64.8
154 58.8 51.4 77.2

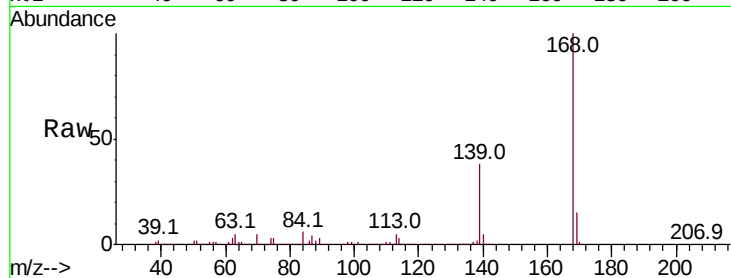




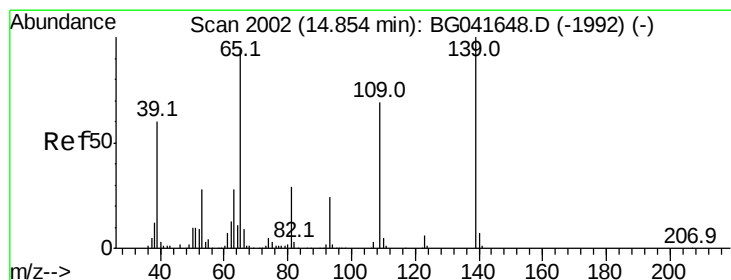
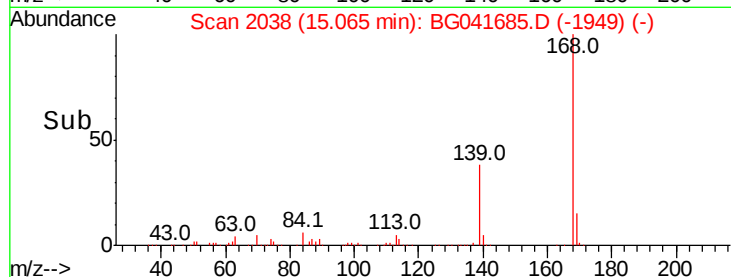
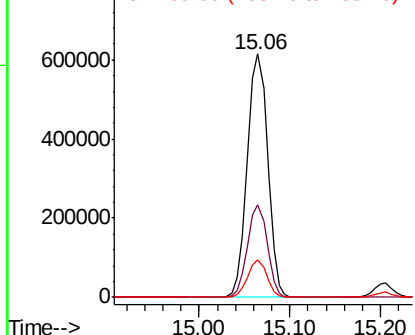
#55
Dibenzofuran
Concen: 47.008 ng
RT: 15.06 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BG041685.D
Acq: 17 Jul 2019 12:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion:168 Resp: 961174
Ion Ratio Lower Upper
168 100
139 38.2 31.9 47.9
169 15.4 12.5 18.7

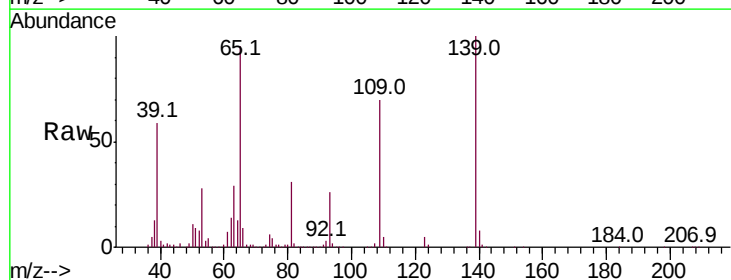


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

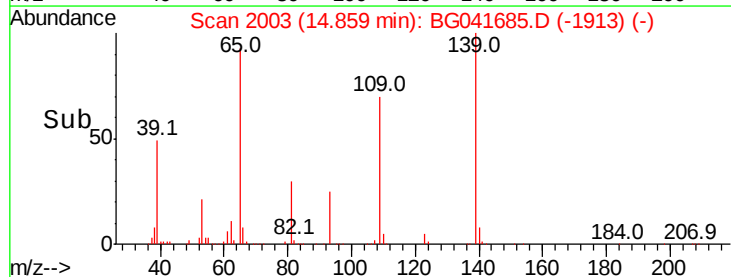
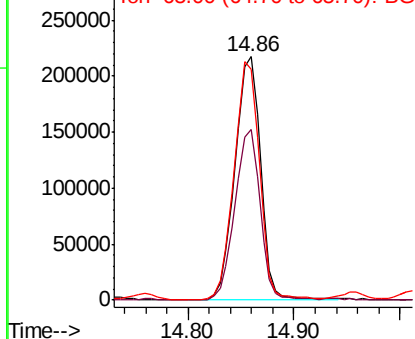


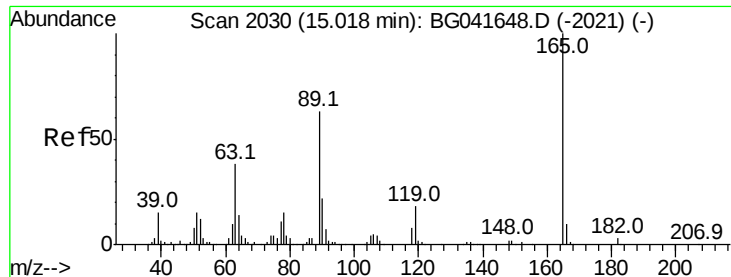
#56
4-Nitrophenol
Concen: 111.949 ng
RT: 14.86 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BG041685.D
Acq: 17 Jul 2019 12:10

Tgt Ion:139 Resp: 365628
Ion Ratio Lower Upper
139 100
109 69.9 51.3 91.3
65 94.6 77.6 117.6



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

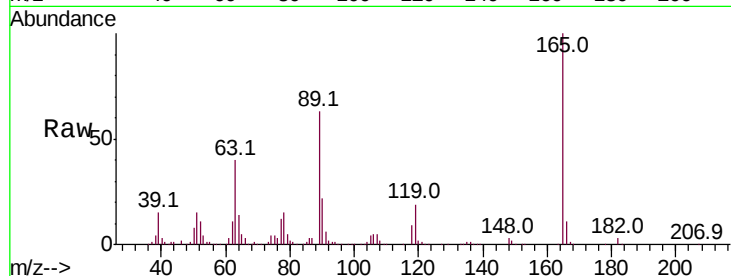




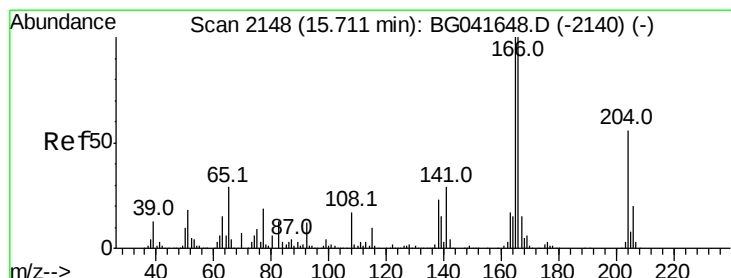
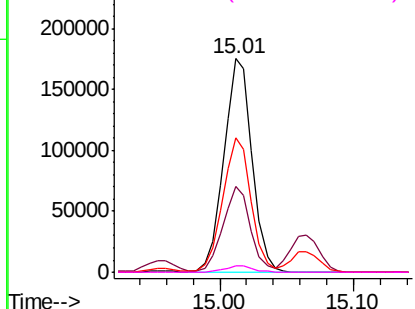
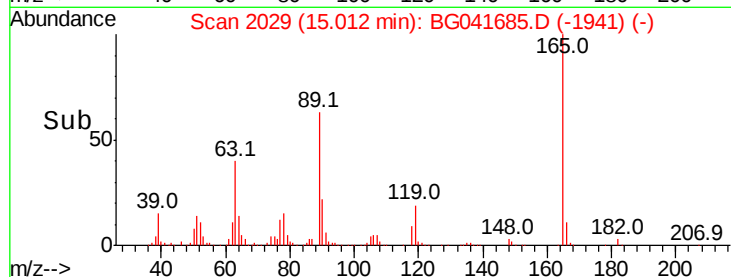
#57
2,4-Dinitrotoluene
Concen: 52.932 ng
RT: 15.01 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BG041685.D
Acq: 17 Jul 2019 12:10

Instrument :
BNA_G
ClientSampled :

Tot Ion:165 Resp: 258571
Ion Ratio Lower Upper
165 100
63 40.3 31.7 47.5
89 62.9 50.2 75.4
182 3.0 2.6 4.0

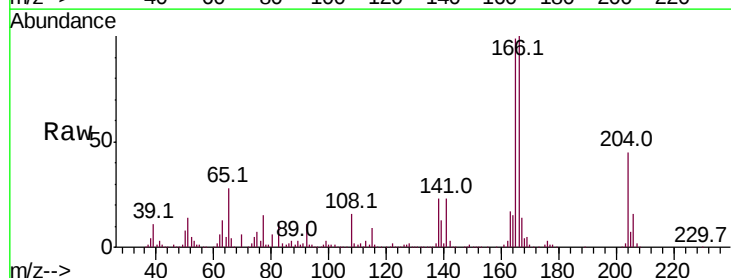


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

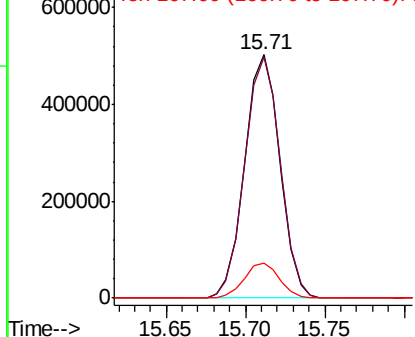
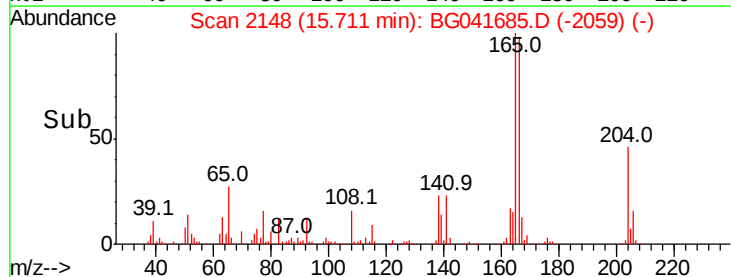


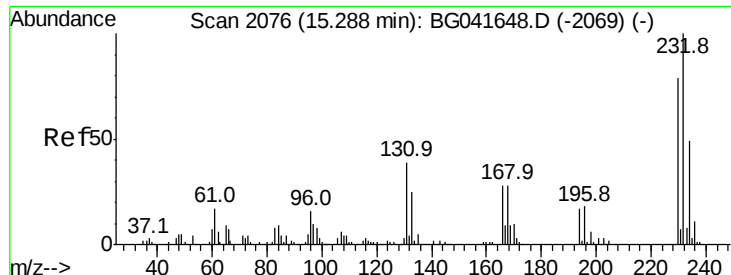
#58
Fluorene
Concen: 46.678 ng
RT: 15.71 min Scan# 2148
Delta R.T. -0.00 min
Lab File: BG041685.D
Acq: 17 Jul 2019 12:10

Tgt Ion:166 Resp: 776595
Ion Ratio Lower Upper
166 100
165 99.1 80.5 120.7
167 14.2 12.4 18.6



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

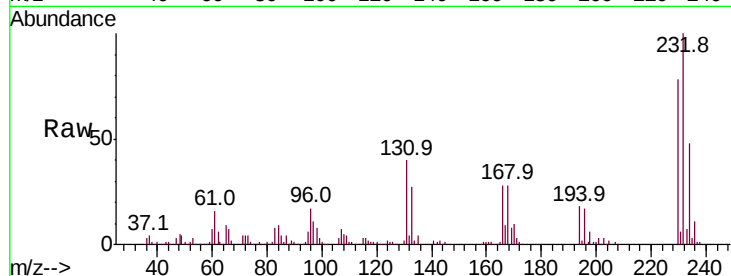




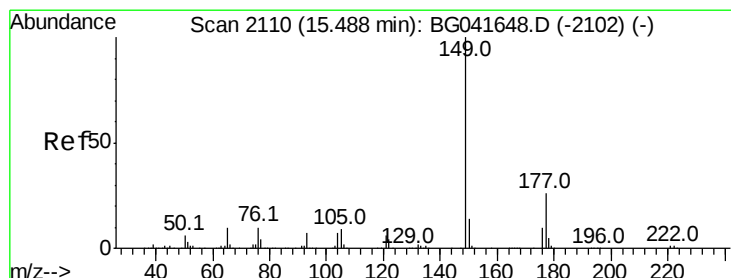
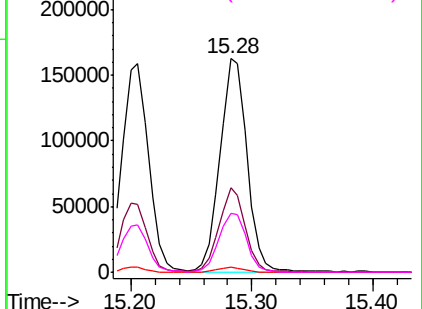
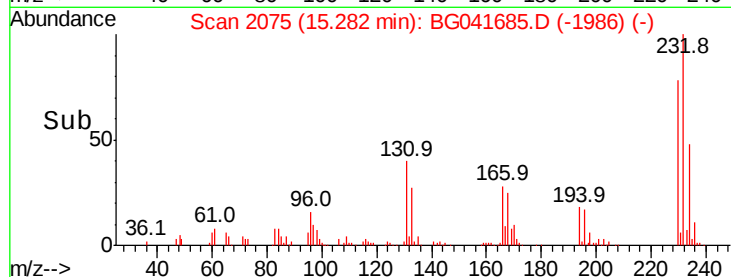
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 52.312 ng
 RT: 15.28 min Scan# 2075
 Delta R.T. -0.00 min
 Lab File: BG041685.D
 Acq: 17 Jul 2019 12:10

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	232	Resp:	251217
Ion	Ratio	Lower	Upper
232	100		
131	38.0	31.8	47.6
130	2.2	1.8	2.8
166	27.9	23.5	35.3

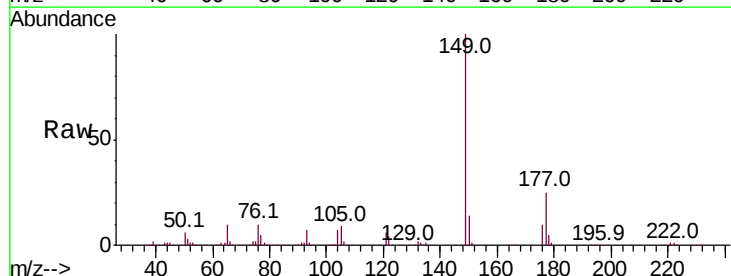


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

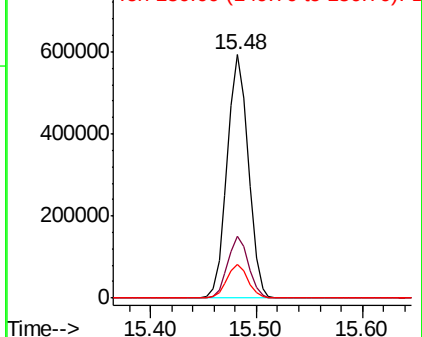
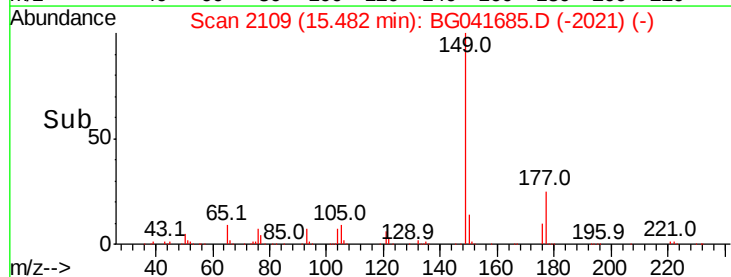


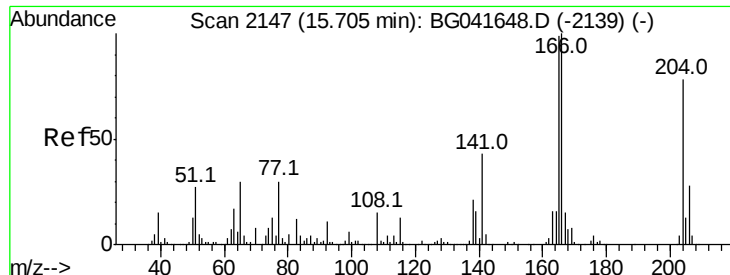
#60
 Diethylphthalate
 Concen: 46.589 ng
 RT: 15.48 min Scan# 2109
 Delta R.T. -0.01 min
 Lab File: BG041685.D
 Acq: 17 Jul 2019 12:10

Tgt Ion:	149	Resp:	817709
Ion	Ratio	Lower	Upper
149	100		
177	25.5	20.7	31.1
150	13.8	11.5	17.3



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

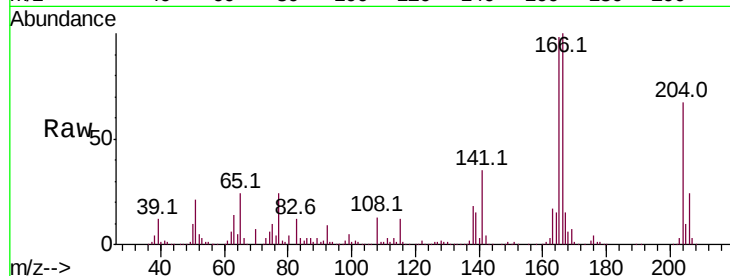




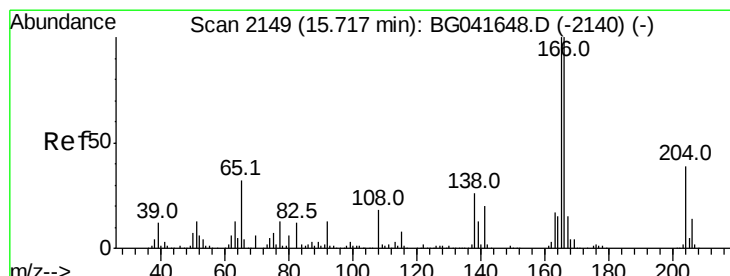
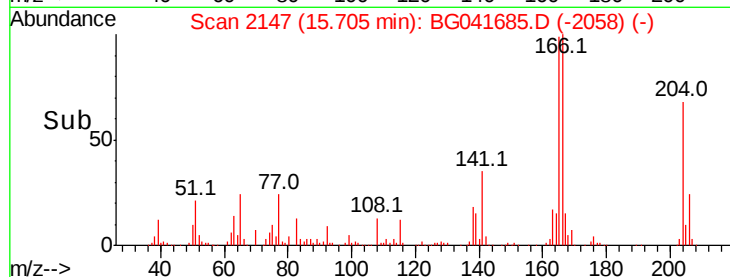
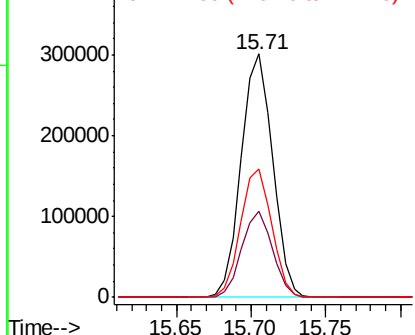
#61
 4-Chlorophenyl-phenylether
 Concen: 46.769 ng
 RT: 15.71 min Scan# 2147
 Delta R.T. -0.00 min
 Lab File: BG041685.D
 Acq: 17 Jul 2019 12:10

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:204 Resp: 439839
 Ion Ratio Lower Upper
 204 100
 206 35.4 28.6 42.8
 141 52.5 42.9 64.3

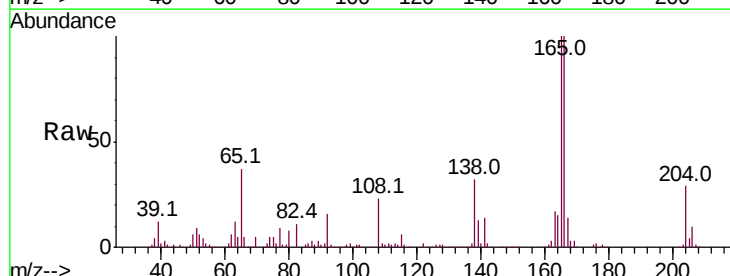


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

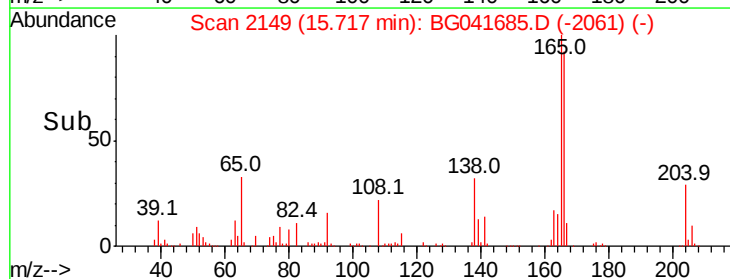
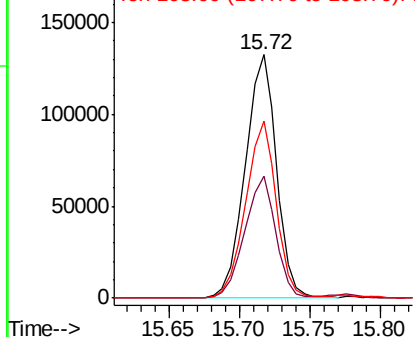


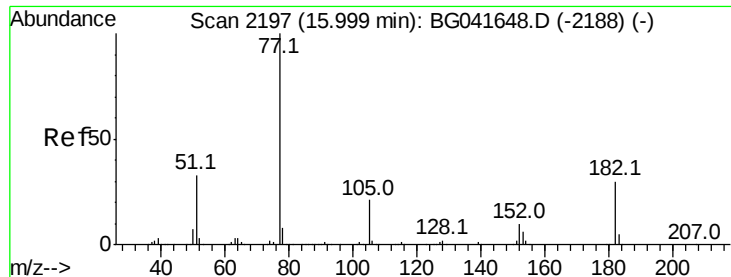
#62
 4-Nitroaniline
 Concen: 48.178 ng
 RT: 15.72 min Scan# 2149
 Delta R.T. -0.01 min
 Lab File: BG041685.D
 Acq: 17 Jul 2019 12:10

Tgt Ion:138 Resp: 206122
 Ion Ratio Lower Upper
 138 100
 92 50.2 29.8 69.8
 108 73.0 52.2 92.2



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

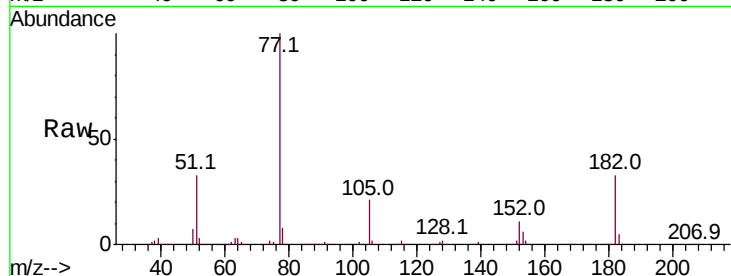




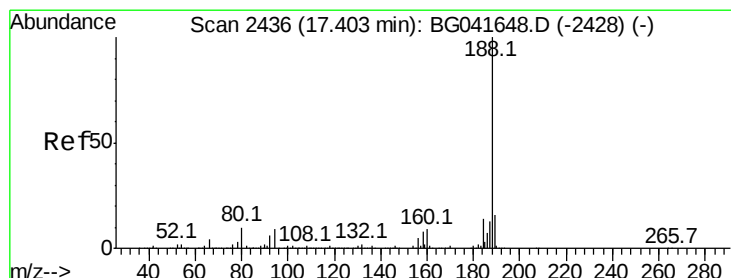
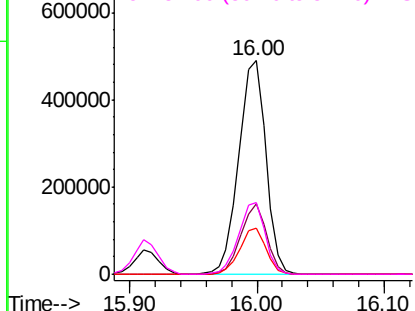
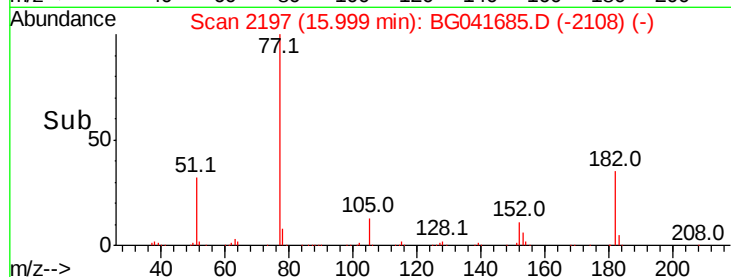
#63
Azobenzene
Concen: 45.889 ng
RT: 16.00 min Scan# 2197
Delta R.T. -0.00 min
Lab File: BG041685.D
Acq: 17 Jul 2019 12:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
77	100		
182	33.1	13.2	53.2
105	21.4	2.2	42.2
51	33.5	14.6	54.6

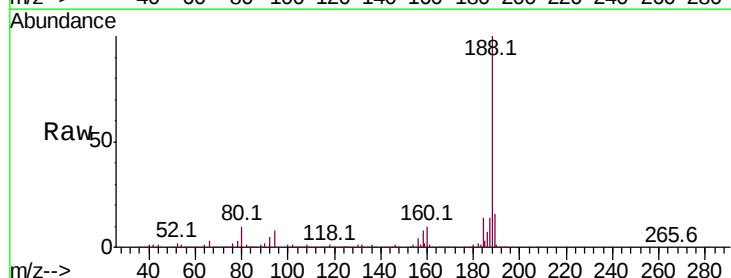


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

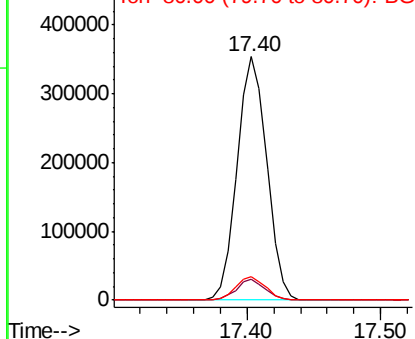
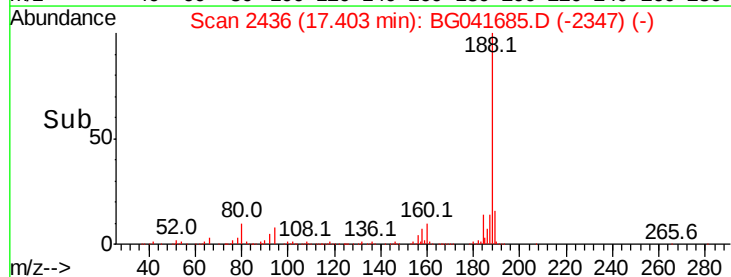


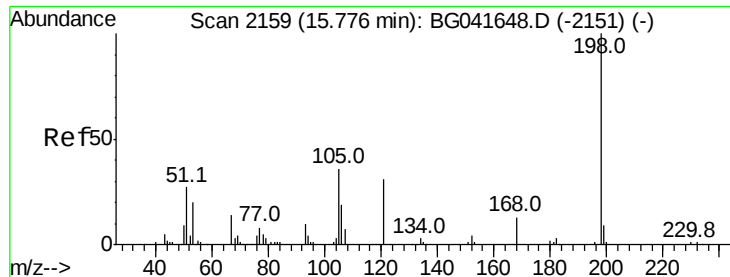
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2436
Delta R.T. -0.00 min
Lab File: BG041685.D
Acq: 17 Jul 2019 12:10

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.9	10.3
80	9.8	8.0	12.0



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

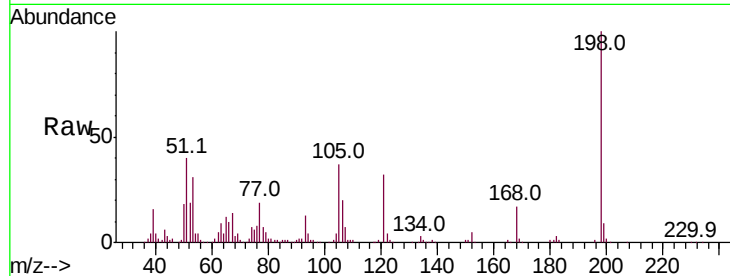




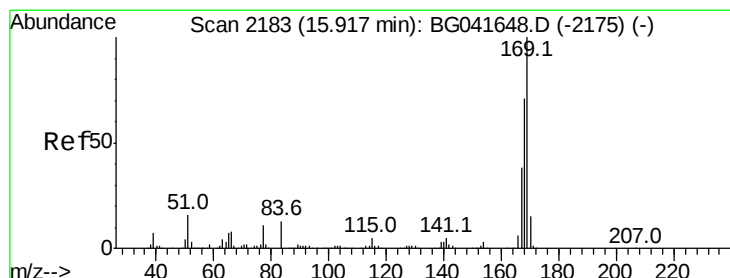
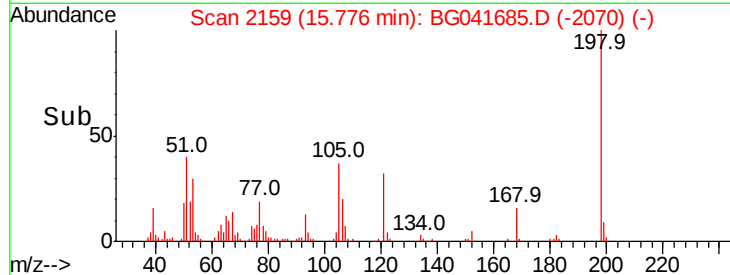
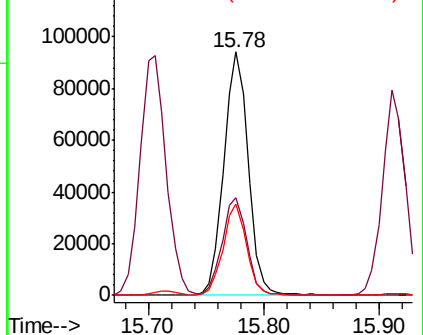
#65
 4,6-Dinitro-2-methylphenol
 Concen: 52.588 ng
 RT: 15.78 min Scan# 2159
 Delta R.T. -0.00 min
 Lab File: BG041685.D
 Acq: 17 Jul 2019 12:10

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
198	100		
51	40.0	22.3	62.3
105	37.3	18.0	58.0

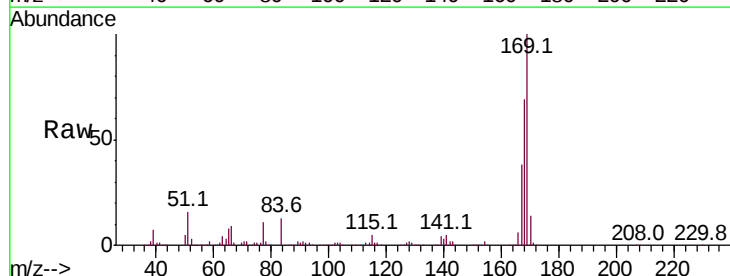


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

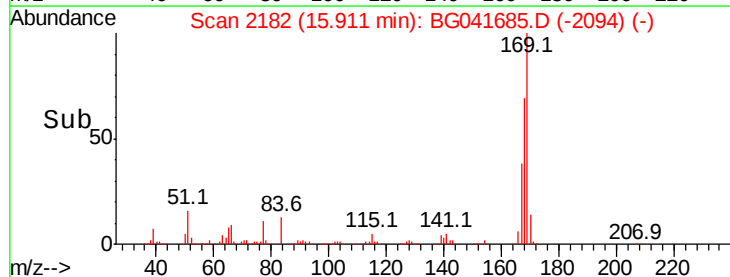
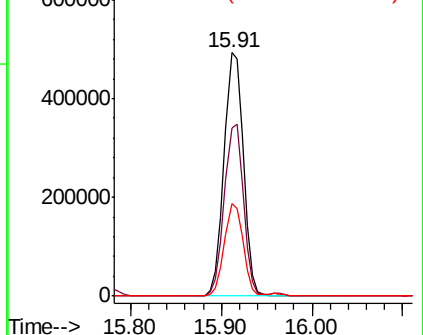


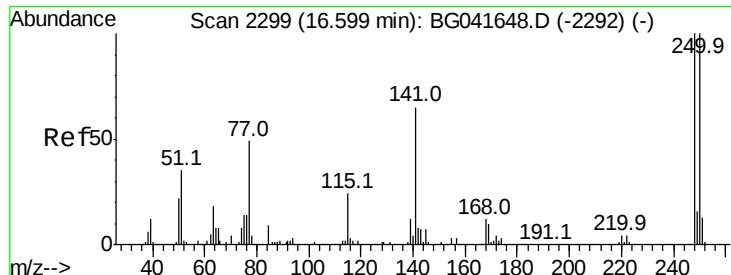
#66
 n-Nitrosodiphenylamine
 Concen: 45.785 ng
 RT: 15.91 min Scan# 2182
 Delta R.T. -0.01 min
 Lab File: BG041685.D
 Acq: 17 Jul 2019 12:10

Tgt Ion	Ratio	Lower	Upper
169	100		
168	69.2	56.9	85.3
167	38.1	31.5	47.3



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

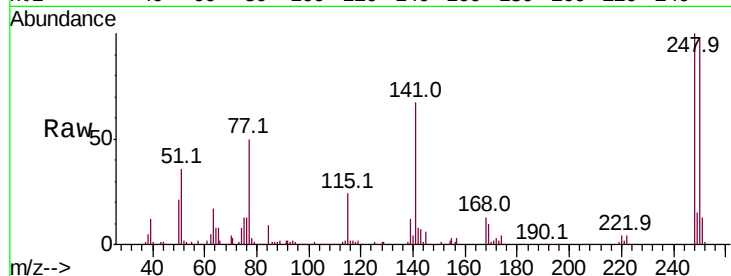




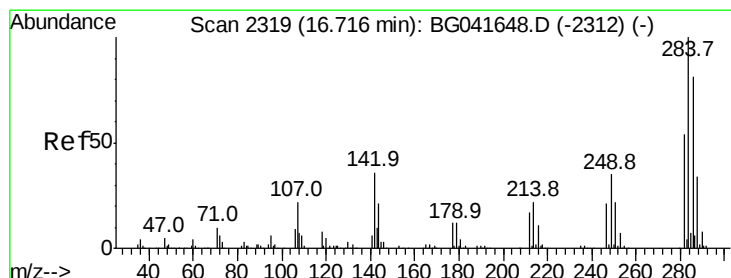
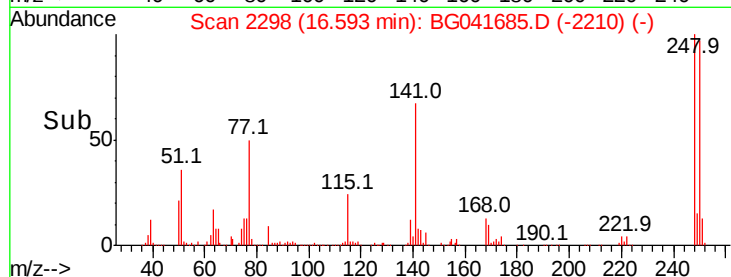
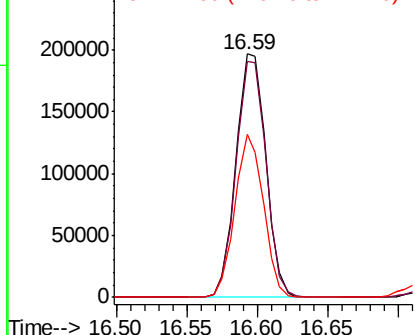
#67
 4-Bromophenyl-phenylether
 Concen: 45.019 ng
 RT: 16.59 min Scan# 2298
 Delta R.T. -0.01 min
 Lab File: BG041685.D
 Acq: 17 Jul 2019 12:10

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 291040
 Ion Ratio Lower Upper
 248 100
 250 97.0 78.1 117.1
 141 66.7 49.6 74.4

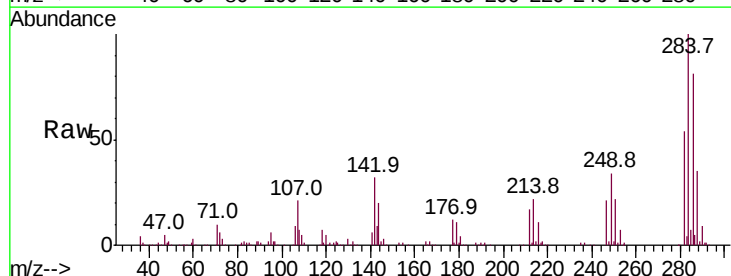


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

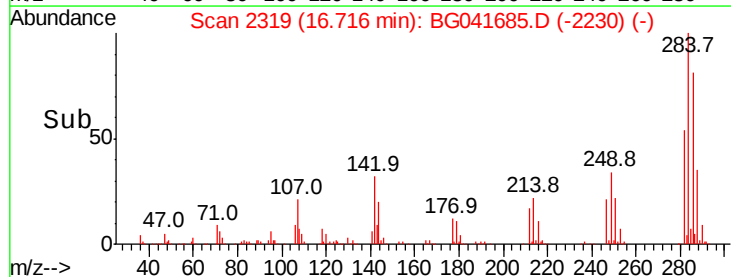
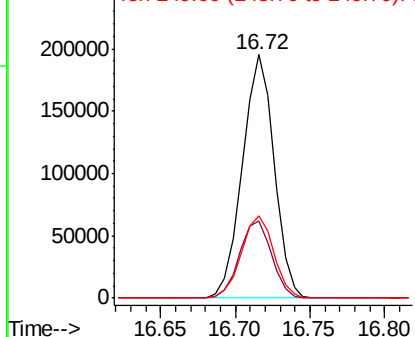


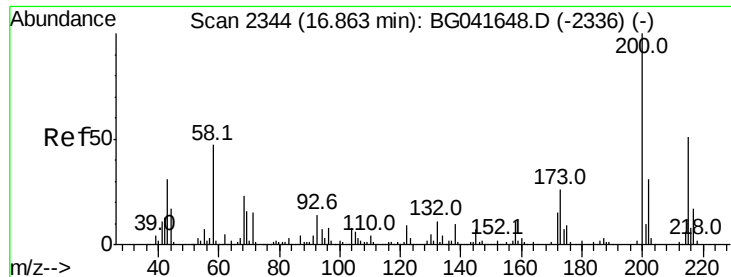
#68
 Hexachlorobenzene
 Concen: 43.966 ng
 RT: 16.72 min Scan# 2319
 Delta R.T. -0.00 min
 Lab File: BG041685.D
 Acq: 17 Jul 2019 12:10

Tgt Ion:284 Resp: 286219
 Ion Ratio Lower Upper
 284 100
 142 31.9 27.0 40.6
 249 33.9 28.4 42.6



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

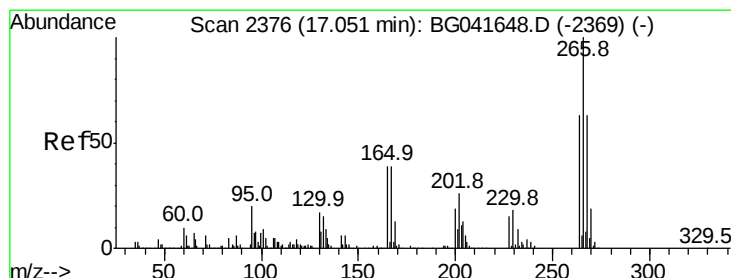
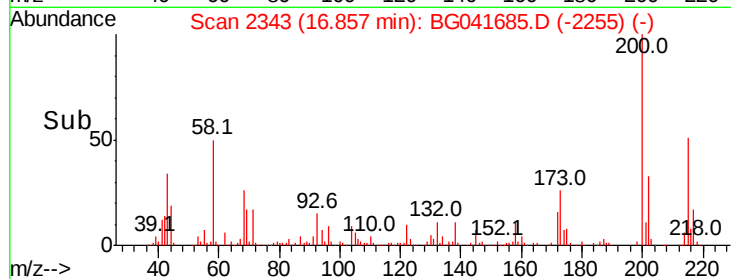
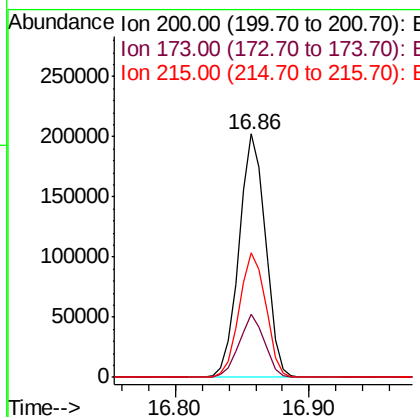
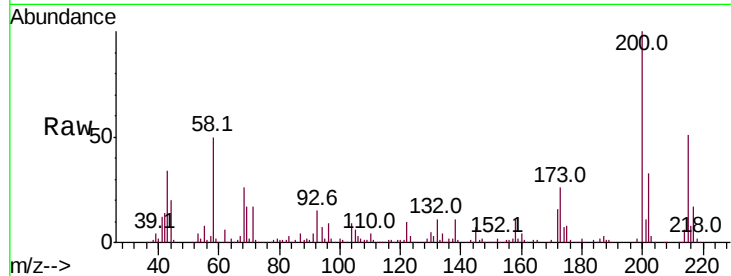




#69
 Atrazine
 Concen: 47.866 ng
 RT: 16.86 min Scan# 2343
 Delta R.T. -0.01 min
 Lab File: BG041685.D
 Acq: 17 Jul 2019 12:10

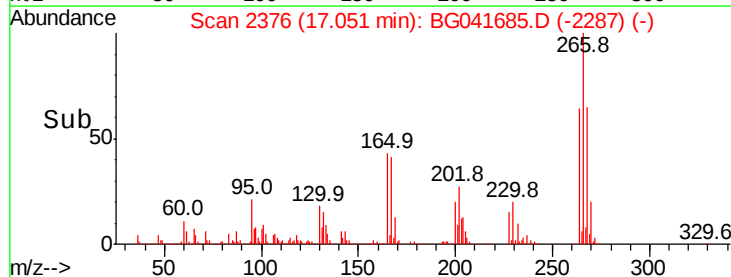
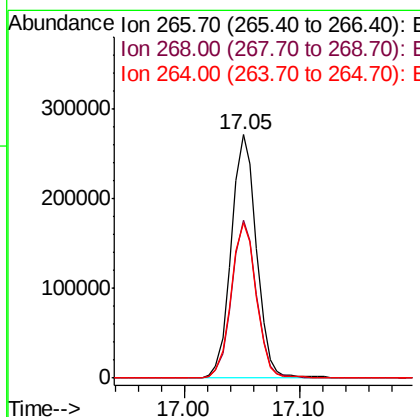
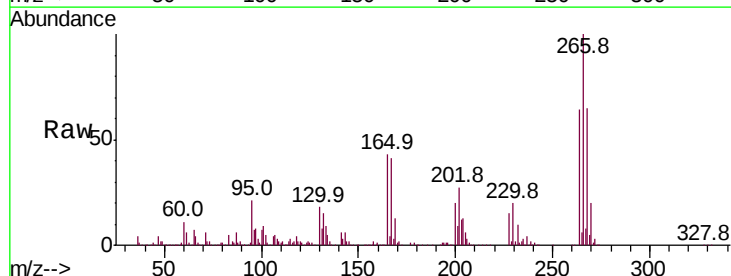
Instrument :
 BNA_G
 ClientSampled :

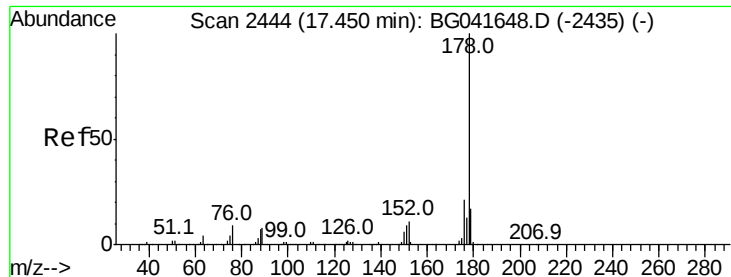
Tot Ion:200 Resp: 277154
 Ion Ratio Lower Upper
 200 100
 173 26.1 5.3 45.3
 215 51.0 31.8 71.8



#70
 Pentachlorophenol
 Concen: 100.894 ng
 RT: 17.05 min Scan# 2376
 Delta R.T. -0.00 min
 Lab File: BG041685.D
 Acq: 17 Jul 2019 12:10

Tgt Ion:266 Resp: 410685
 Ion Ratio Lower Upper
 266 100
 268 64.6 52.9 79.3
 264 63.9 51.4 77.2

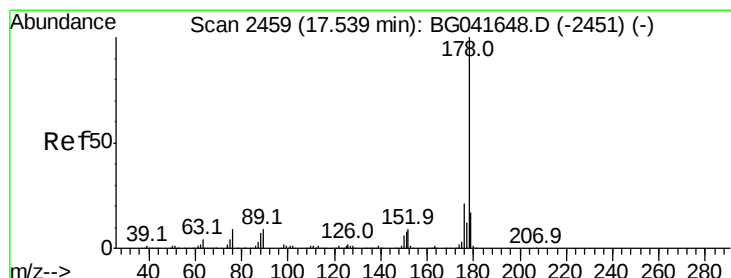
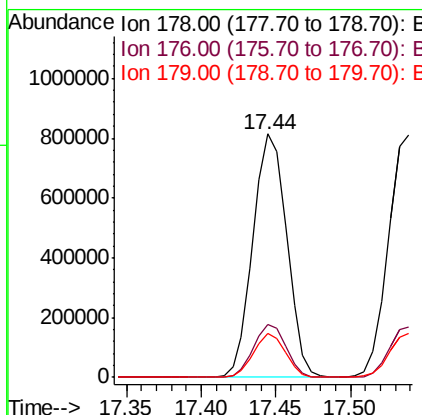
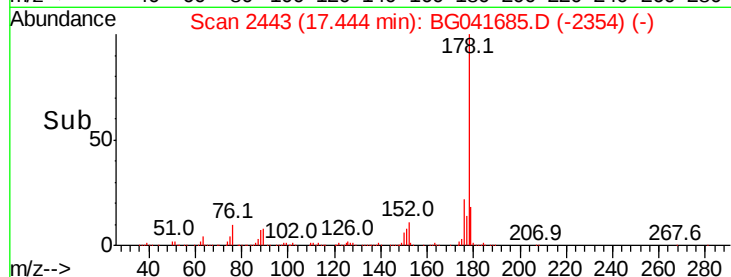
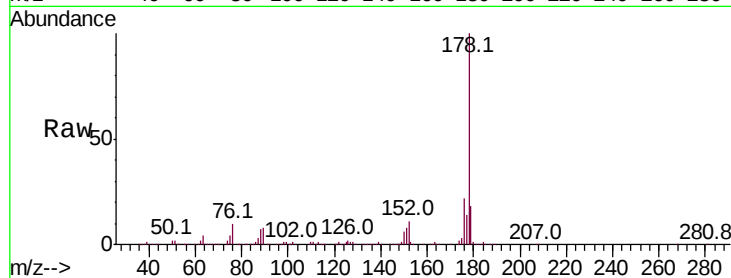




#71
Phenanthrene
Concen: 46.647 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG041685.D
Acq: 17 Jul 2019 12:10

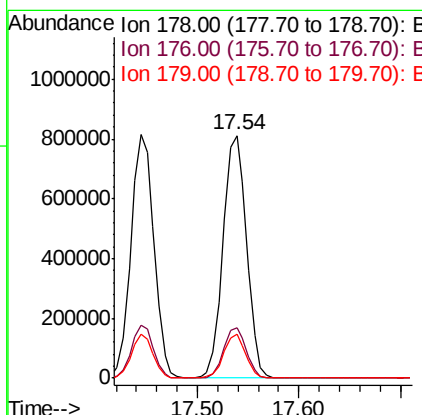
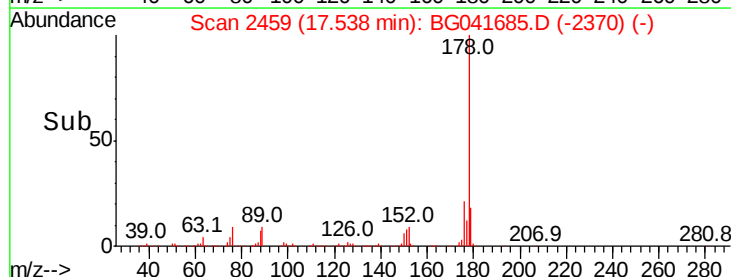
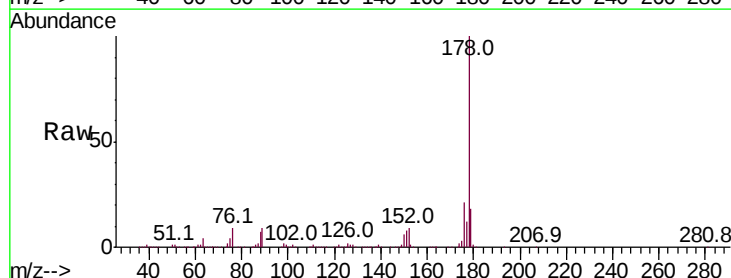
Instrument :
BNA_G
ClientSampleId :

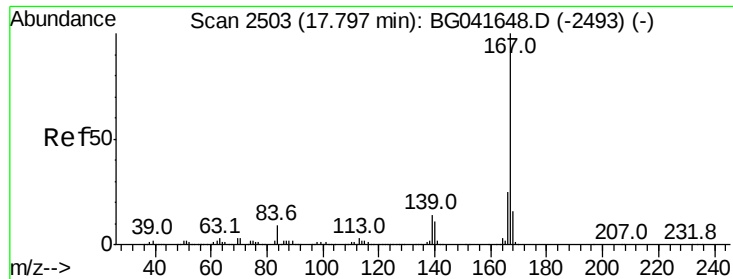
Tot Ion:178 Resp: 1276346
Ion Ratio Lower Upper
178 100
176 21.6 18.6 28.0
179 18.1 15.4 23.0



#72
Anthracene
Concen: 47.630 ng
RT: 17.54 min Scan# 2459
Delta R.T. -0.00 min
Lab File: BG041685.D
Acq: 17 Jul 2019 12:10

Tgt Ion:178 Resp: 1299074
Ion Ratio Lower Upper
178 100
176 20.8 18.6 28.0
179 17.9 15.1 22.7





#73

Carbazole

Concen: 47.378 ng

RT: 17.80 min Scan# 2503

Delta R.T. -0.00 min

Lab File: BG041685.D

Acq: 17 Jul 2019 12:10

Instrument :

BNA_G

ClientSampleId :

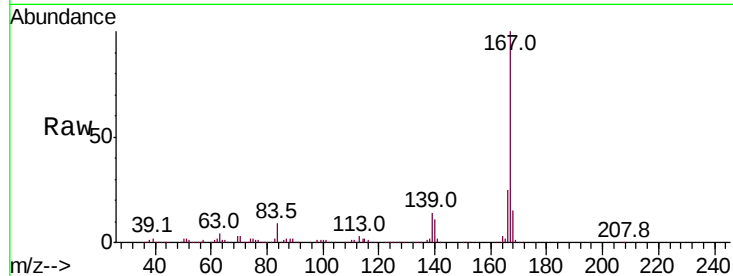
Tot Ion:167 Resp: 1198431

Ion Ratio Lower Upper

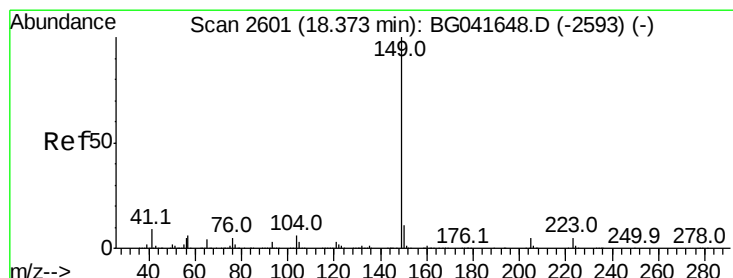
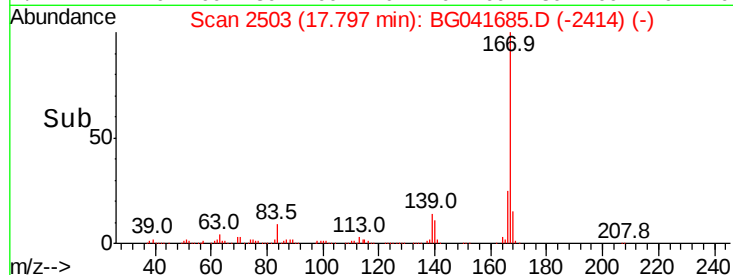
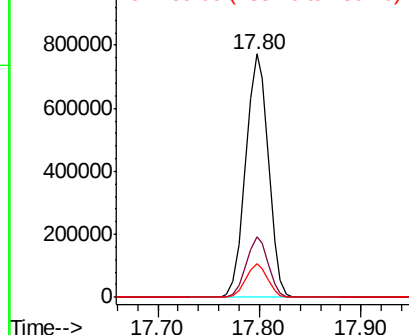
167 100

166 25.0 21.4 32.2

139 14.1 12.1 18.1



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 45.167 ng

RT: 18.37 min Scan# 2600

Delta R.T. -0.00 min

Lab File: BG041685.D

Acq: 17 Jul 2019 12:10

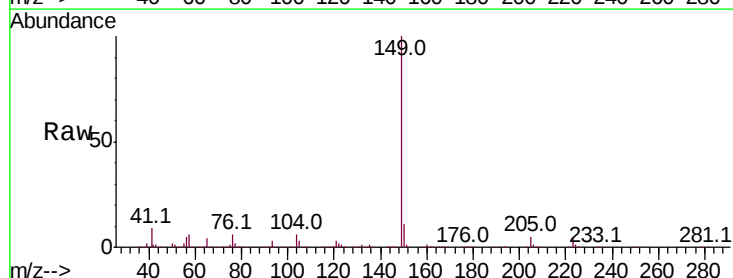
Tgt Ion:149 Resp: 1393455

Ion Ratio Lower Upper

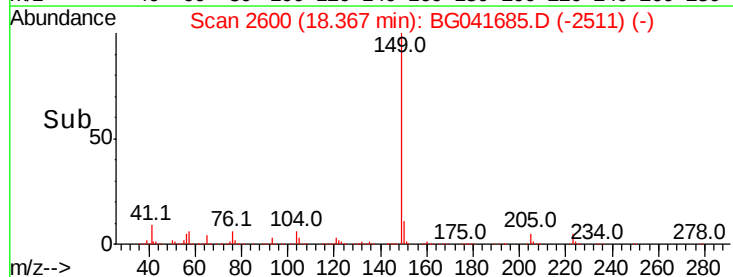
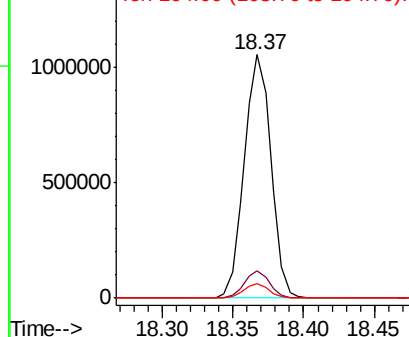
149 100

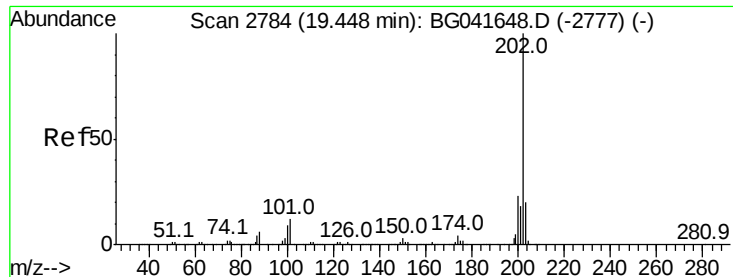
150 11.2 10.2 15.2

104 5.8 5.3 7.9



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 46.160 ng

RT: 19.45 min Scan# 2784

Delta R.T. -0.00 min

Lab File: BG041685.D

Acq: 17 Jul 2019 12:10

Instrument :

BNA_G

ClientSampleId :

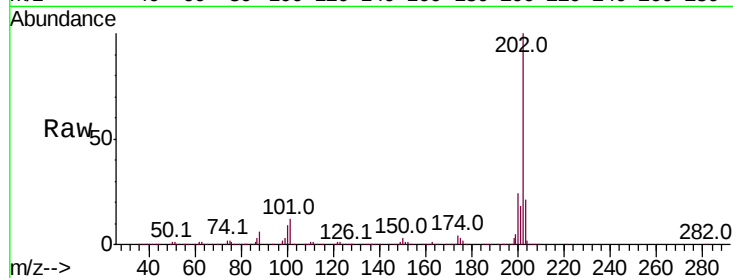
Tot Ion:202 Resp: 1550881

Ion Ratio Lower Upper

202 100

101 11.6 0.0 32.8

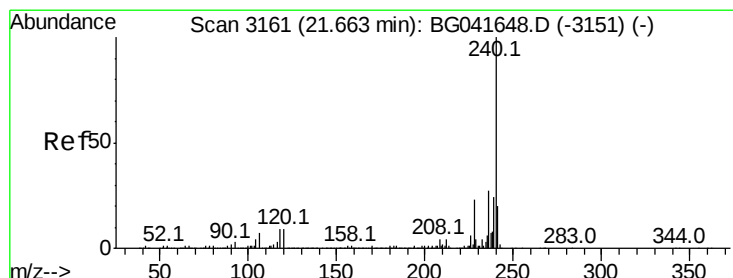
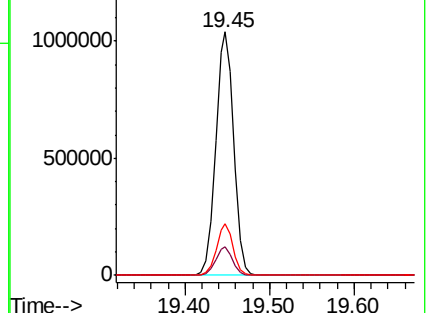
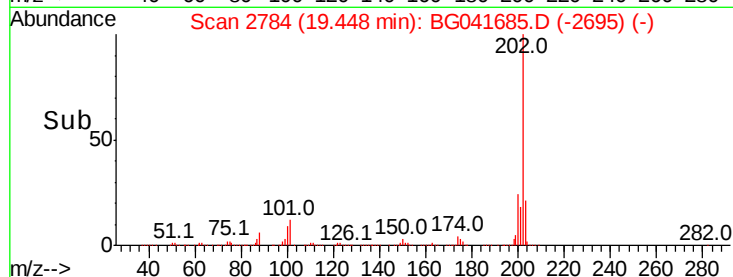
203 21.2 3.7 43.7



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: 21.66 min Scan# 3160

Delta R.T. -0.00 min

Lab File: BG041685.D

Acq: 17 Jul 2019 12:10

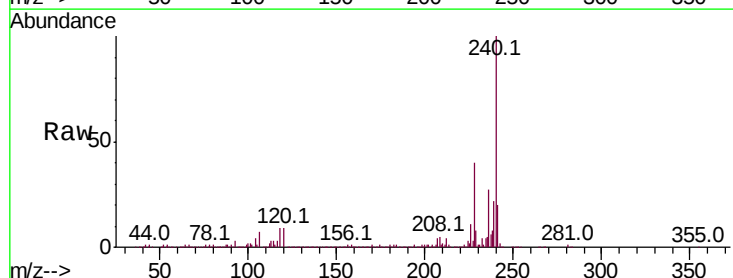
Tgt Ion:240 Resp: 531799

Ion Ratio Lower Upper

240 100

120 9.3 8.0 12.0

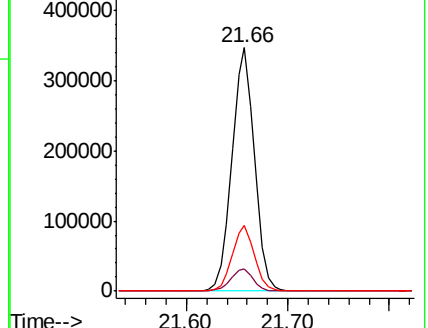
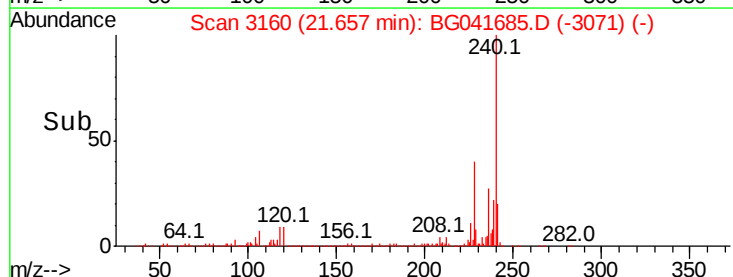
236 26.7 22.6 33.8

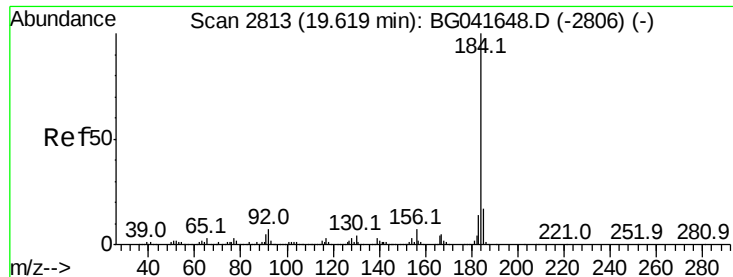


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 43.458 ng

RT: 19.62 min Scan# 2813

Delta R.T. -0.00 min

Lab File: BG041685.D

Acq: 17 Jul 2019 12:10

Instrument :

BNA_G

ClientSampleId :

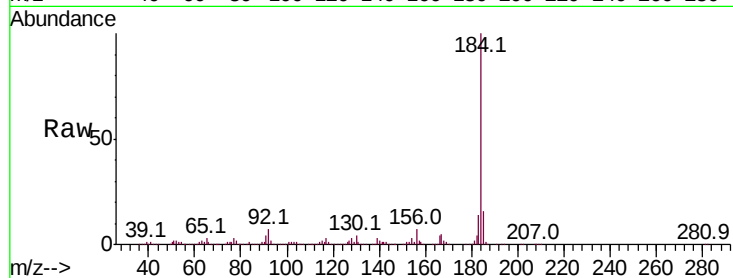
Tot Ion:184 Resp: 796574

Ion Ratio Lower Upper

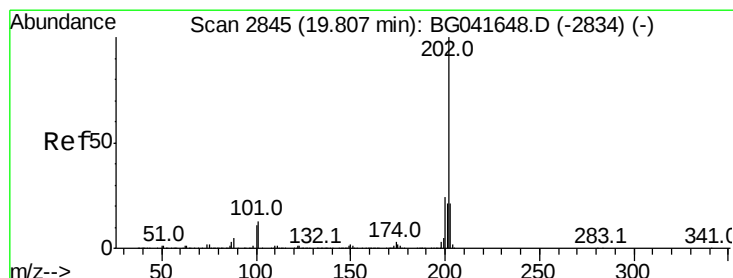
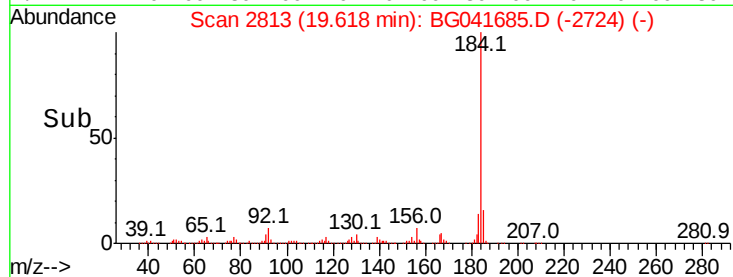
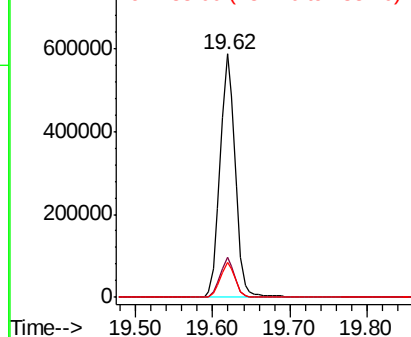
184 100

185 16.4 13.0 19.4

183 14.3 11.8 17.6



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: 43.336 ng

RT: 19.81 min Scan# 2845

Delta R.T. -0.00 min

Lab File: BG041685.D

Acq: 17 Jul 2019 12:10

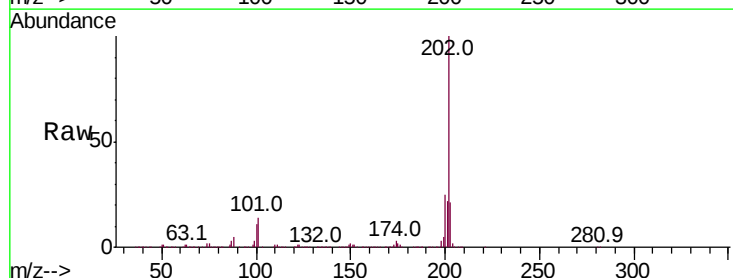
Tgt Ion:202 Resp: 1558683

Ion Ratio Lower Upper

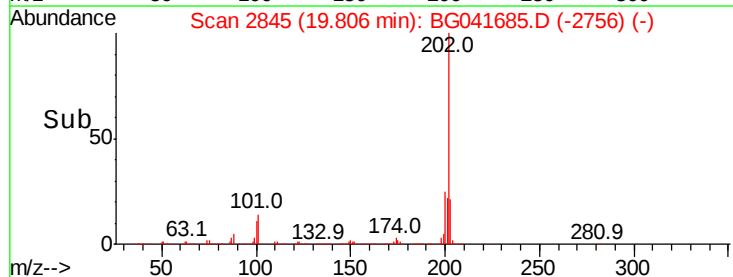
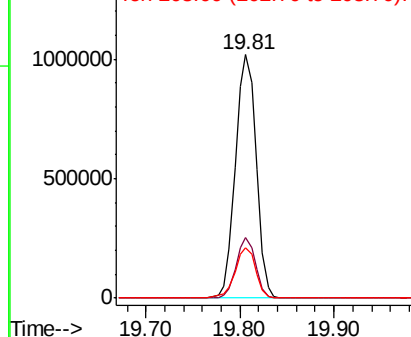
202 100

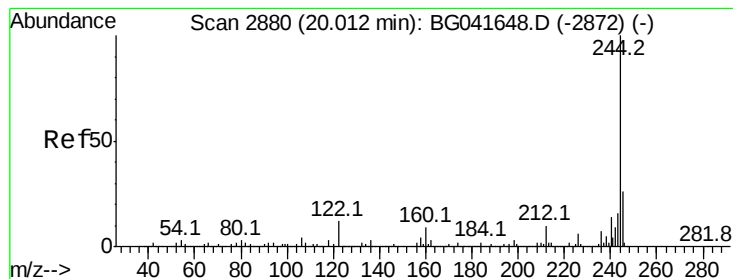
200 24.8 22.2 33.2

203 20.9 18.9 28.3



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: 91.686 ng

RT: 20.01 min Scan# 2879

Delta R.T. -0.00 min

Lab File: BG041685.D

Acq: 17 Jul 2019 12:10

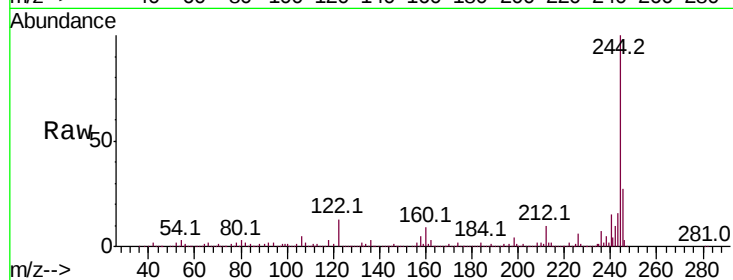
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 2086477

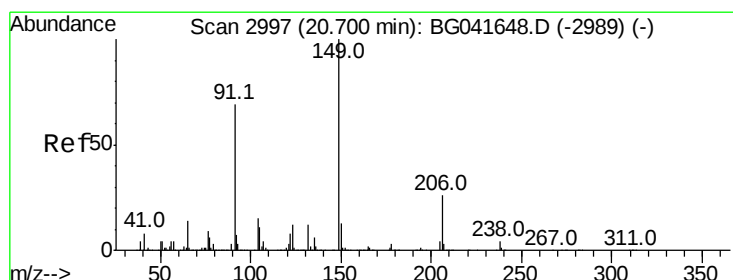
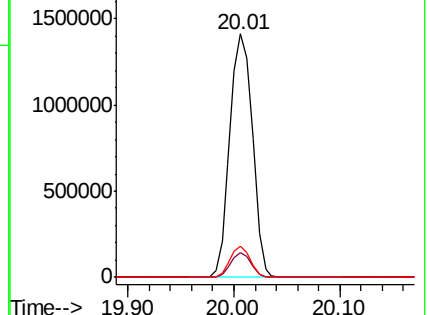
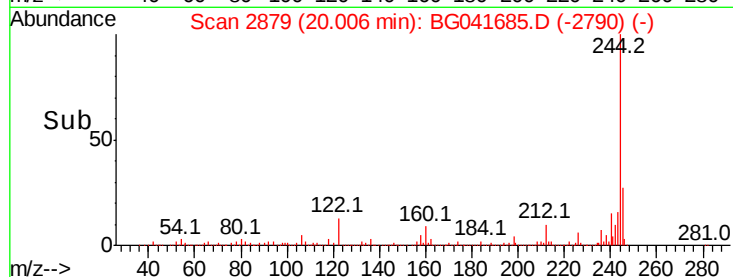
Ion	Ratio	Lower	Upper
244	100		
212	10.2	9.7	14.5
122	12.7	12.5	18.7



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: 45.179 ng

RT: 20.69 min Scan# 2996

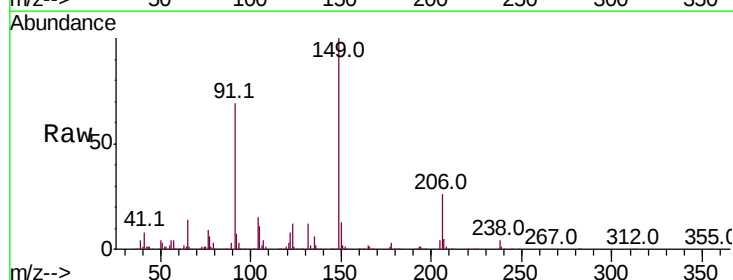
Delta R.T. -0.00 min

Lab File: BG041685.D

Acq: 17 Jul 2019 12:10

Tgt Ion:149 Resp: 675242

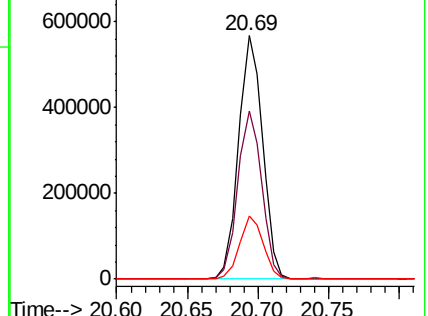
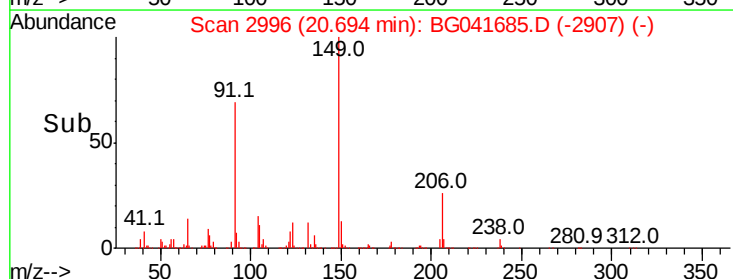
Ion	Ratio	Lower	Upper
149	100		
91	69.1	58.9	88.3
206	26.1	20.8	31.2

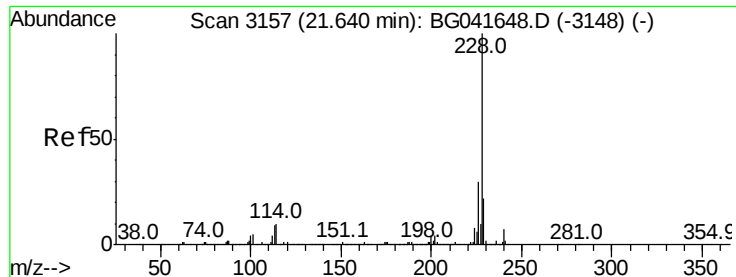


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.534 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.01 min

Lab File: BG041685.D

Acq: 17 Jul 2019 12:10

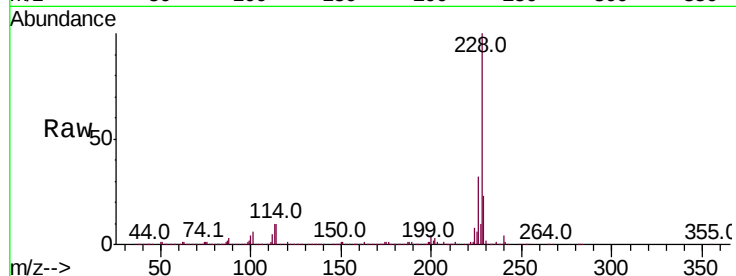
Instrument :

BNA_G

ClientSampled :

Tot Ion:228 Resp: 1530194

Ion	Ratio	Lower	Upper
228	100		
226	32.2	27.3	40.9
229	22.8	19.7	29.5

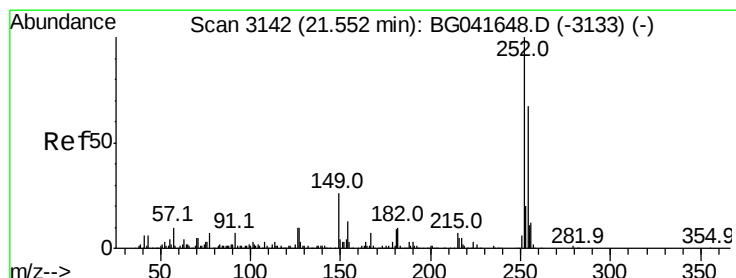
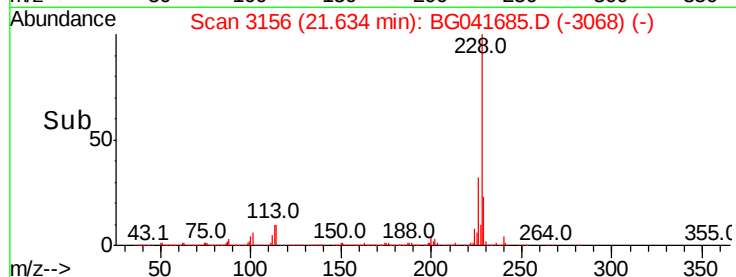
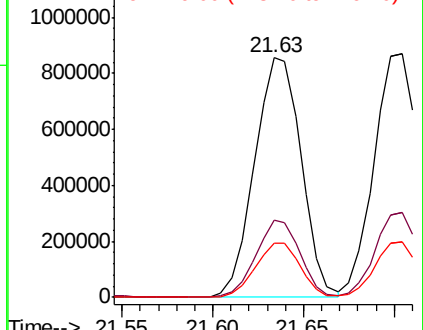


Abundance

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



#82

3,3'-Dichlorobenzidine

Concen: 37.795 ng

RT: 21.55 min Scan# 3141

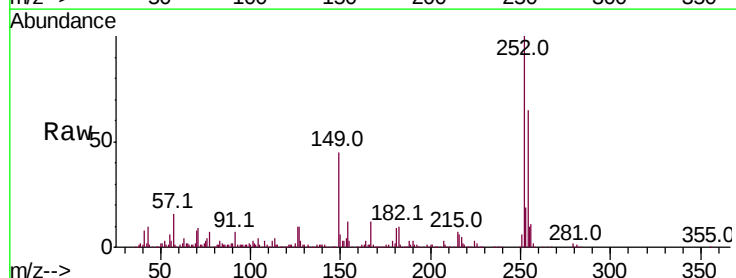
Delta R.T. -0.01 min

Lab File: BG041685.D

Acq: 17 Jul 2019 12:10

Tgt Ion:252 Resp: 511029

Ion	Ratio	Lower	Upper
252	100		
254	65.5	53.8	80.6
126	9.7	7.8	11.8

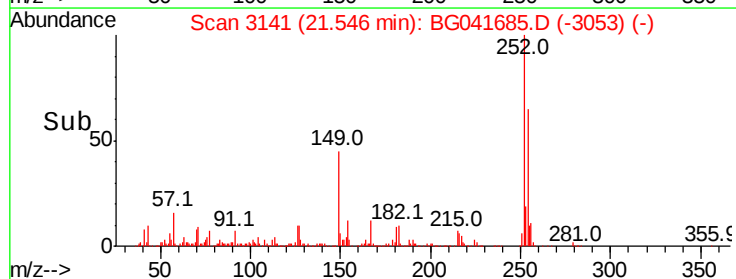
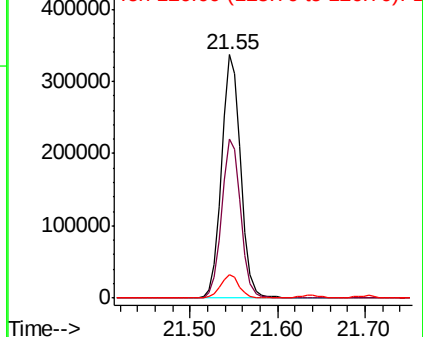


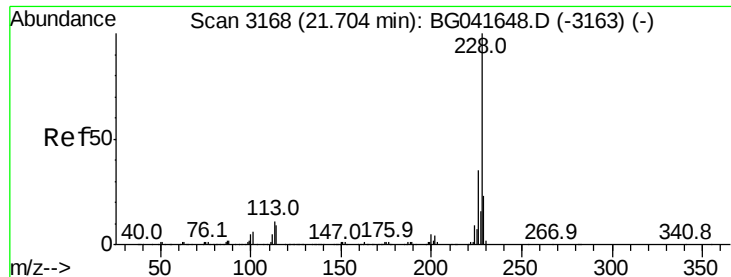
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



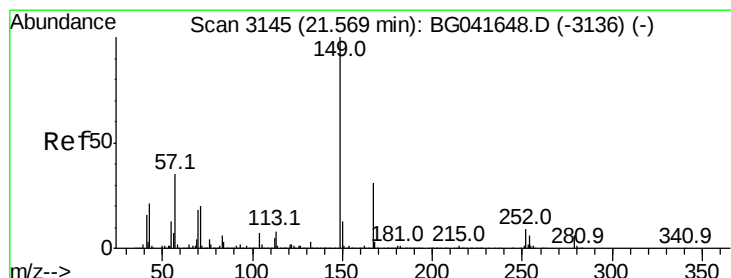
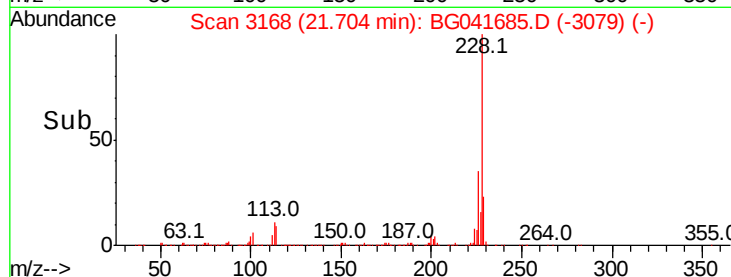
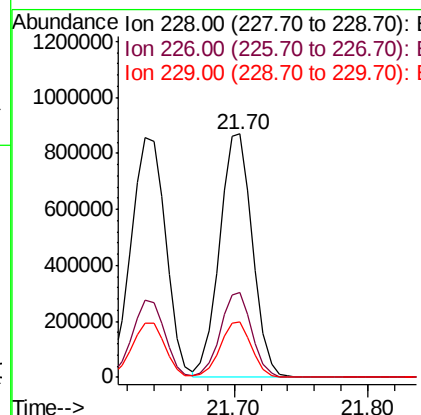
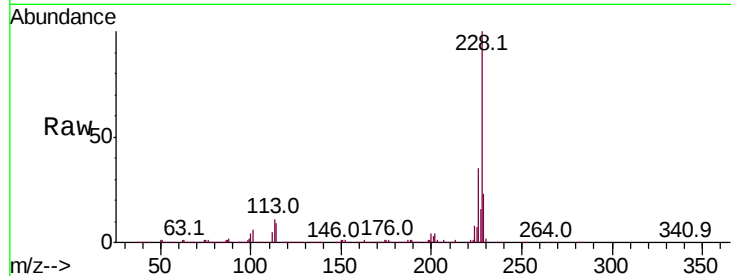


#83
 Chrysene
 Concen: 45.689 ng
 RT: 21.70 min Scan# 3168
 Delta R.T. -0.00 min
 Lab File: BG041685.D
 Acq: 17 Jul 2019 12:10

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:228 Resp: 1500065

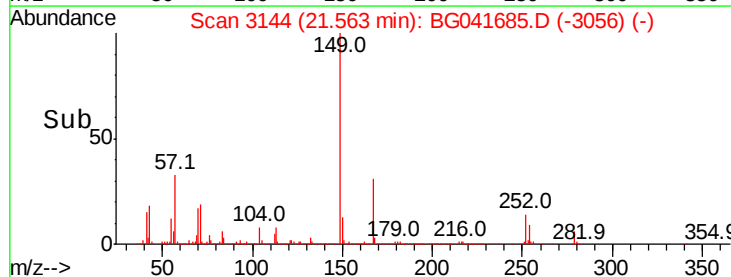
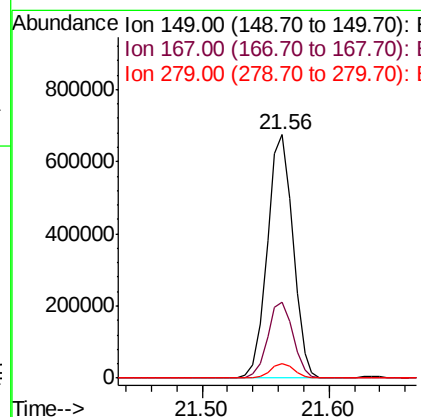
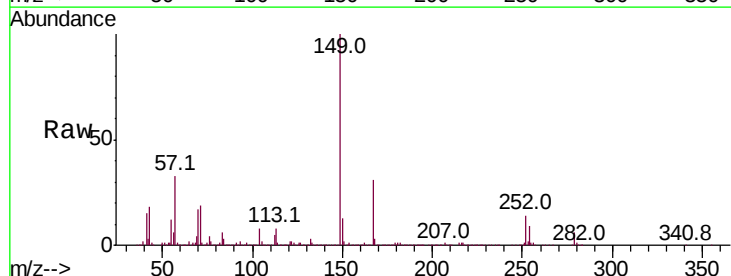
Ion	Ratio	Lower	Upper
228	100		
226	34.8	30.1	45.1
229	23.0	19.8	29.6

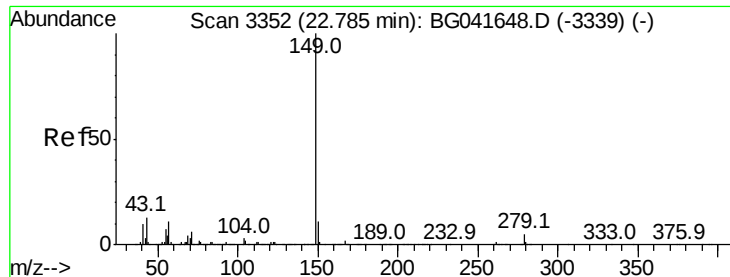


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 45.051 ng
 RT: 21.56 min Scan# 3144
 Delta R.T. -0.01 min
 Lab File: BG041685.D
 Acq: 17 Jul 2019 12:10

Tgt Ion:149 Resp: 950684

Ion	Ratio	Lower	Upper
149	100		
167	31.4	27.0	40.4
279	5.8	5.0	7.6





#85

Di-n-octyl phthalate

Concen: 45.624 ng

RT: 22.77 min Scan# 3350

Delta R.T. -0.01 min

Lab File: BG041685.D

Acq: 17 Jul 2019 12:10

Instrument :

BNA_G

ClientSampleId :

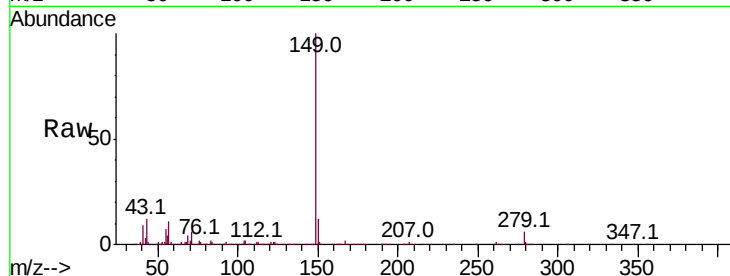
Tot Ion:149 Resp: 1639607

Ion Ratio Lower Upper

149 100

167 1.9 1.6 2.4

43 11.7 10.6 16.0



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

1200000

1000000

800000

600000

400000

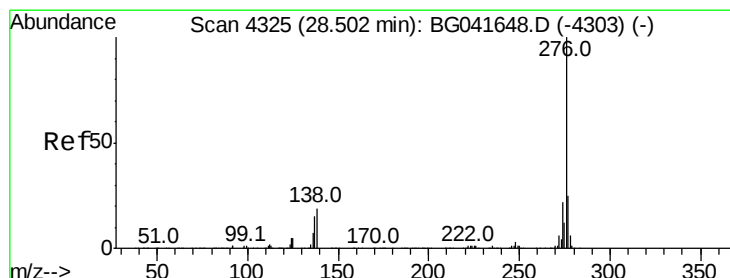
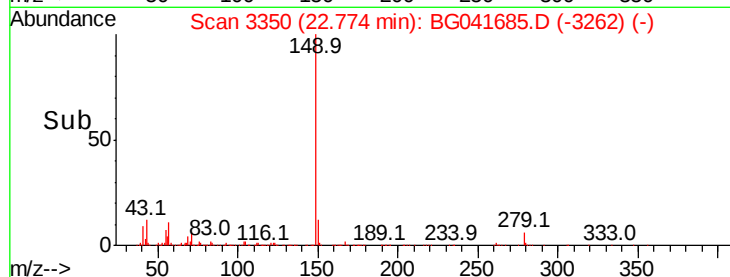
200000

0

22.77

22.70 22.80 22.90

Time-->



#86

Indeno(1,2,3-cd)pyrene

Concen: 44.723 ng

RT: 28.50 min Scan# 4324

Delta R.T. -0.03 min

Lab File: BG041685.D

Acq: 17 Jul 2019 12:10

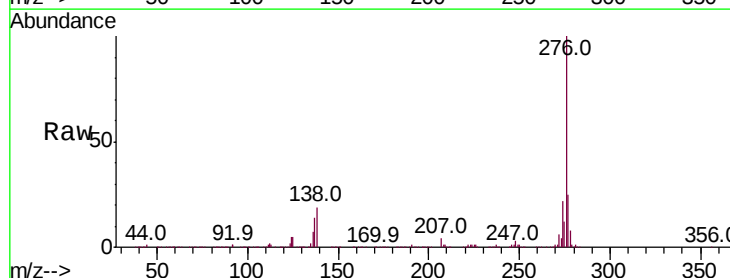
Tgt Ion:276 Resp: 1937430

Ion Ratio Lower Upper

276 100

138 16.0 19.4 29.0#

277 26.3 21.2 31.8



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

400000

300000

200000

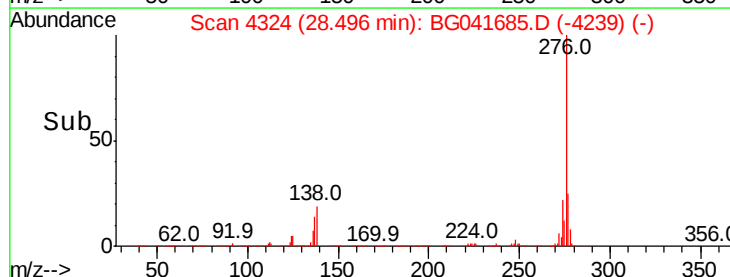
100000

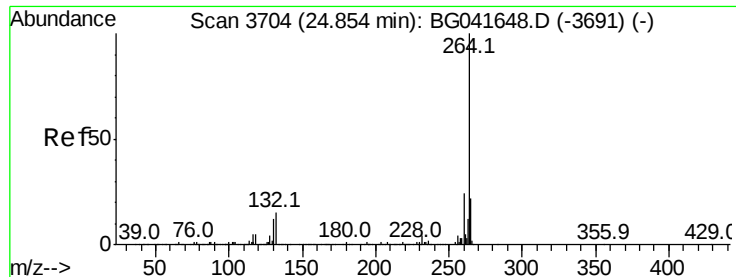
0

28.50

28.20 28.40 28.60

Time-->



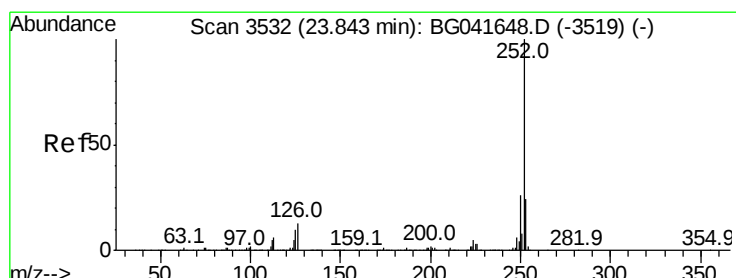
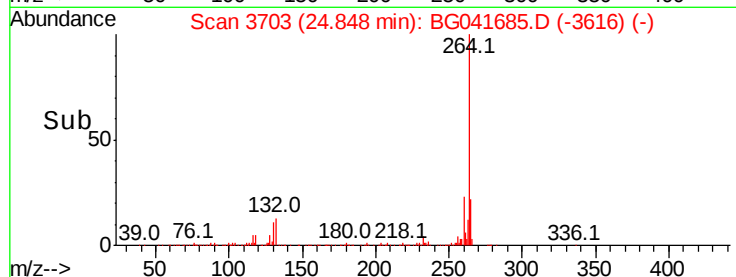
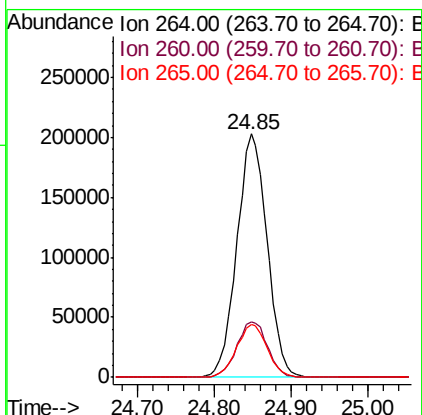
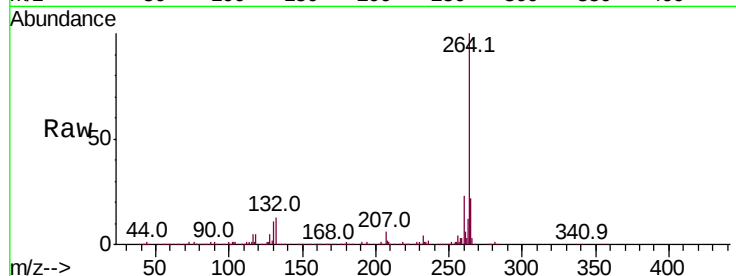


#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.85 min Scan# 3703
Delta R.T. -0.02 min
Lab File: BG041685.D
Acq: 17 Jul 2019 12:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 556918

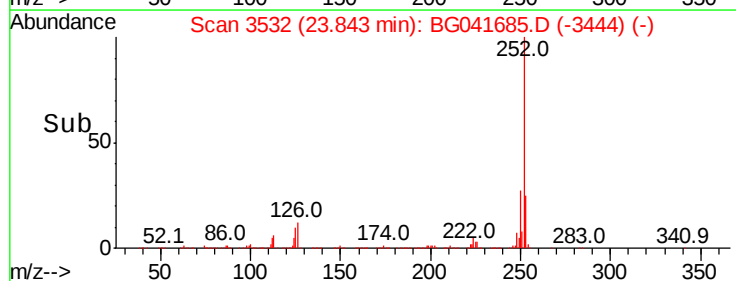
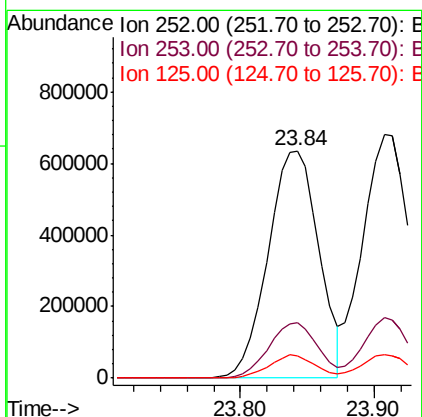
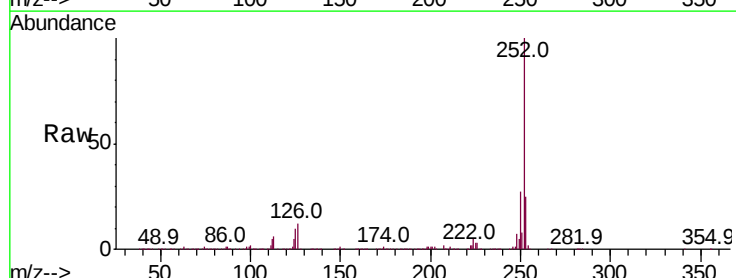
Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.5	29.3
265	21.7	18.0	27.0

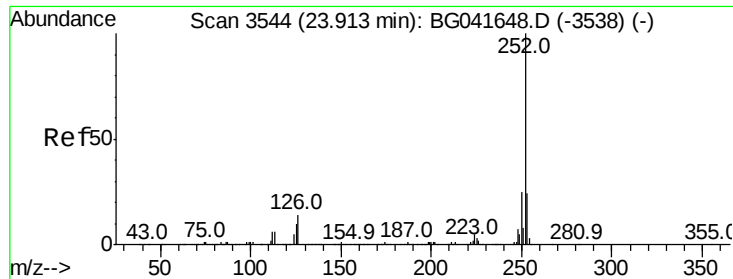


#88
Benzo(b)fluoranthene
Concen: 49.537 ng
RT: 23.84 min Scan# 3532
Delta R.T. -0.01 min
Lab File: BG041685.D
Acq: 17 Jul 2019 12:10

Tgt Ion:252 Resp: 1673412

Ion	Ratio	Lower	Upper
252	100		
253	24.6	20.6	30.8
125	9.5	8.0	12.0

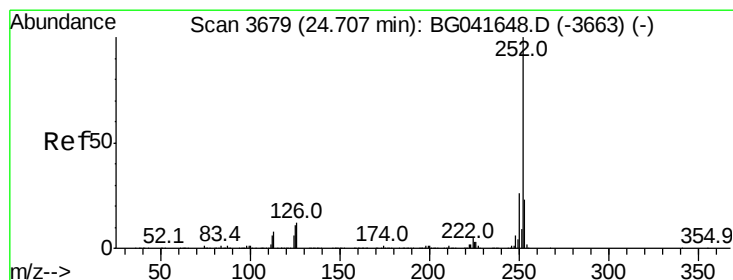
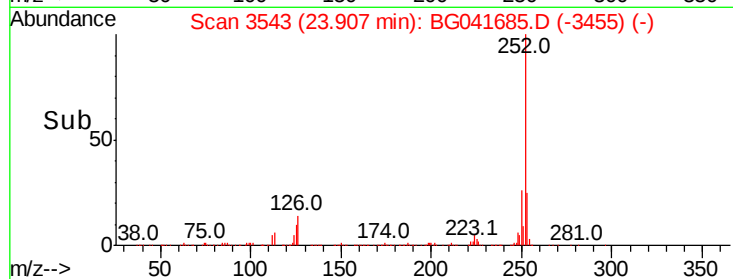
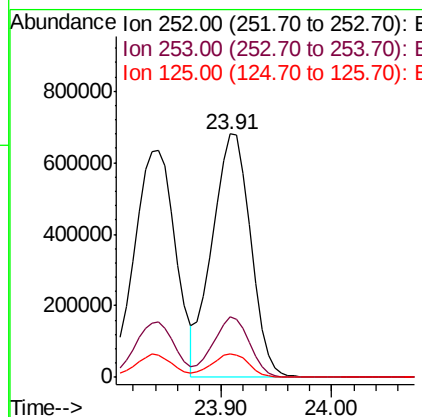
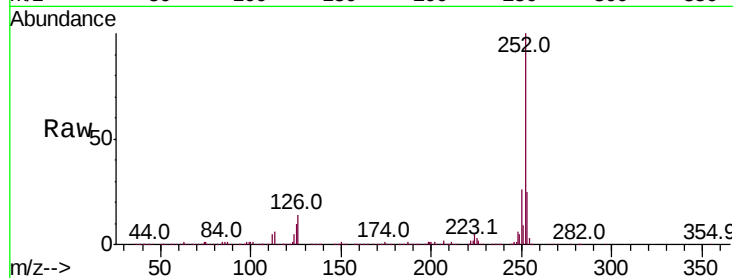




#89
Benzo(k)fluoranthene
Concen: 52.534 ng
RT: 23.91 min Scan# 3543
Delta R.T. -0.01 min
Lab File: BG041685.D
Acq: 17 Jul 2019 12:10

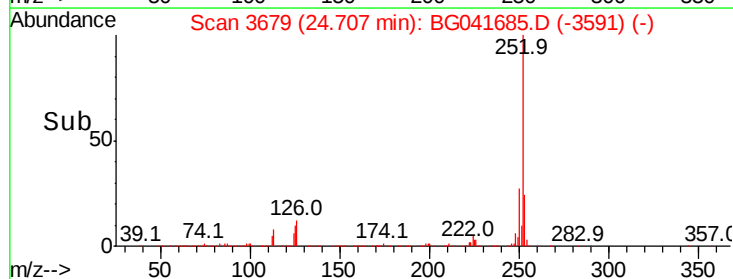
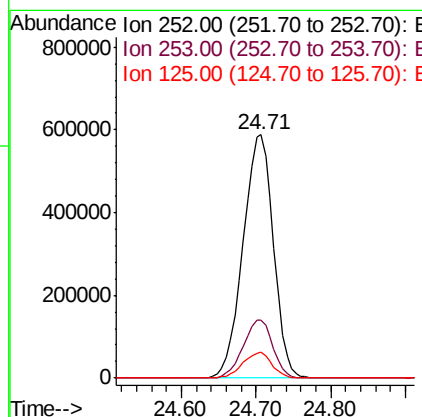
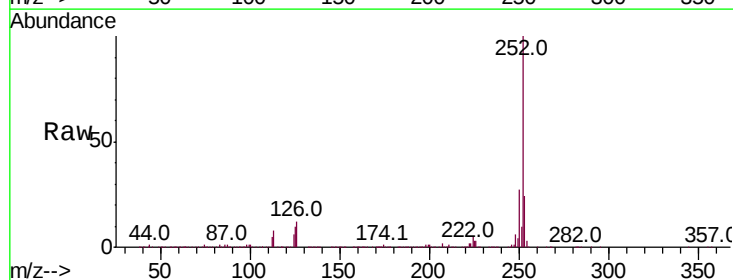
Instrument :
BNA_G
ClientSampleId :

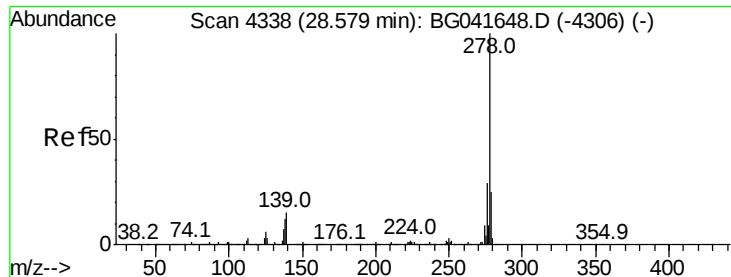
Tot Ion:252 Resp: 1644411
Ion Ratio Lower Upper
252 100
253 24.7 20.5 30.7
125 9.8 8.4 12.6



#90
Benzo(a)pyrene
Concen: 51.968 ng
RT: 24.71 min Scan# 3679
Delta R.T. -0.01 min
Lab File: BG041685.D
Acq: 17 Jul 2019 12:10

Tgt Ion:252 Resp: 1660989
Ion Ratio Lower Upper
252 100
253 23.8 19.8 29.8
125 10.5 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 51.366 ng

RT: 28.57 min Scan# 4336

Delta R.T. -0.03 min

Lab File: BG041685.D

Acq: 17 Jul 2019 12:10

Instrument :

BNA_G

ClientSampleId :

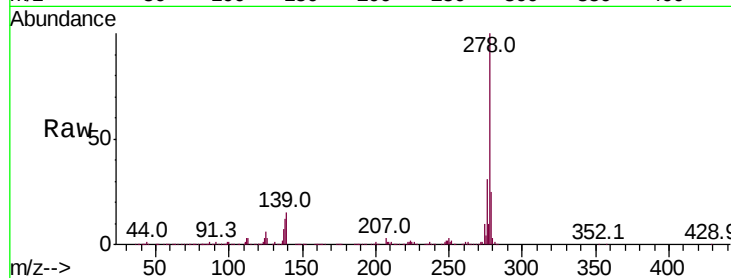
Tot Ion:278 Resp: 1591823

Ion Ratio Lower Upper

278 100

139 15.2 12.6 19.0

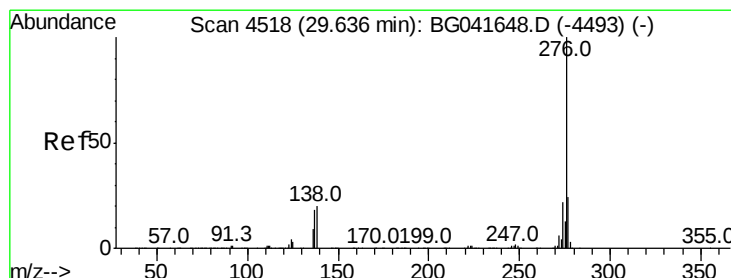
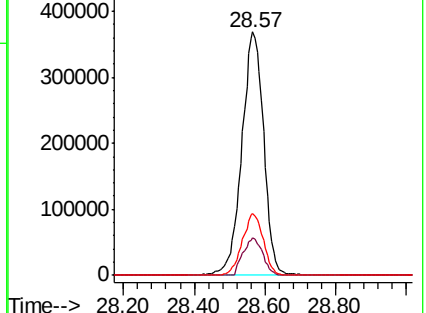
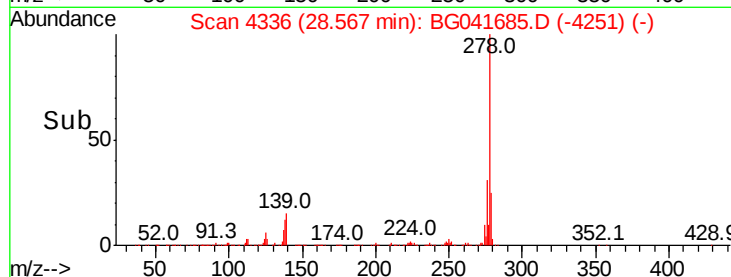
279 25.5 20.5 30.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 51.468 ng

RT: 29.64 min Scan# 4518

Delta R.T. -0.03 min

Lab File: BG041685.D

Acq: 17 Jul 2019 12:10

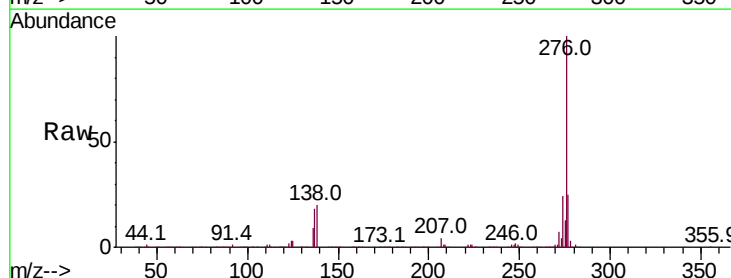
Tgt Ion:276 Resp: 1598385

Ion Ratio Lower Upper

276 100

277 24.6 19.8 29.8

138 19.9 16.6 25.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

