

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062719\
 Data File : BG041484.D
 Acq On : 27 Jun 2019 10:34
 Operator : HP/JU
 Sample : K3500-02MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-2(9-10)MSD

Quant Time: Jun 27 11:12:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG062619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 27 06:49:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	28934	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	110337	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	80323	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	209569	20.00	ng	0.00
76) Chrysene-d12	21.70	240	224546	20.00	ng	0.00
87) Perylene-d12	24.98	264	236885	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	165109	101.74	ng	0.00
7) Phenol-d6	7.18	99	242583	106.18	ng	0.00
23) Nitrobenzene-d5	9.21	82	166705	63.01	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	135297	98.65	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	396217	63.30	ng	0.00
79) Terphenyl-d14	20.02	244	750348	71.01	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.41	88	16214	22.071	ng	# 83
3) Pyridine	3.82	79	23377	12.542	ng	95
4) n-Nitrosodimethylamine	3.74	42	29672	28.607	ng	95
6) Aniline	7.36	93	18432	6.259	ng	98
8) 2-Chlorophenol	7.59	128	59917	32.920	ng	97
9) Benzaldehyde	7.17	77	46170	33.463	ng	96
10) Phenol	7.21	94	79320	34.449	ng	99
11) bis(2-Chloroethyl)ether	7.45	93	52478	28.740	ng	97
12) 1,3-Dichlorobenzene	7.91	146	67046	28.476	ng	98
13) 1,4-Dichlorobenzene	8.07	146	67570	28.468	ng	94
14) 1,2-Dichlorobenzene	8.38	146	66198	29.129	ng	99
15) Benzyl Alcohol	8.28	79	54471	29.939	ng	89
16) 2,2'-oxybis(1-Chloropropan	8.55	45	72858	28.413	ng	95
17) 2-Methylphenol	8.48	107	51694	30.842	ng	95
18) Hexachloroethane	9.11	117	26610	28.414	ng	98
19) n-Nitroso-di-n-propylamine	8.84	70	48168	28.266	ng	98
20) 3+4-Methylphenols	8.81	107	74024	33.136	ng	93
22) Acetophenone	8.87	105	97843	29.563	ng	# 99
24) Nitrobenzene	9.25	77	80813	30.433	ng	99
25) Isophorone	9.76	82	138077	29.070	ng	98
26) 2-Nitrophenol	9.96	139	34335	30.961	ng	94
27) 2,4-Dimethylphenol	10.02	122	52571	34.061	ng	96
28) bis(2-Chloroethoxy)methane	10.25	93	73397	29.223	ng	98
29) 2,4-Dichlorophenol	10.50	162	68298	32.761	ng	97
30) 1,2,4-Trichlorobenzene	10.71	180	77886	29.149	ng	95
31) Naphthalene	10.90	128	189418	31.042	ng	96
32) Benzoic acid	10.13	122	6411	12.692	ng	# 81
33) 4-Chloroaniline	11.03	127	19394	7.550	ng	# 91
34) Hexachlorobutadiene	11.16	225	60151	28.359	ng	96
35) Caprolactam	11.81	113	21377	32.840	ng	94
36) 4-Chloro-3-methylphenol	12.14	107	75089	33.243	ng	95
37) 2-Methylnaphthalene	12.51	142	141941	31.487	ng	97
38) 1-Methylnaphthalene	12.73	142	131397	30.552	ng	93
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	107499	30.394	ng	99

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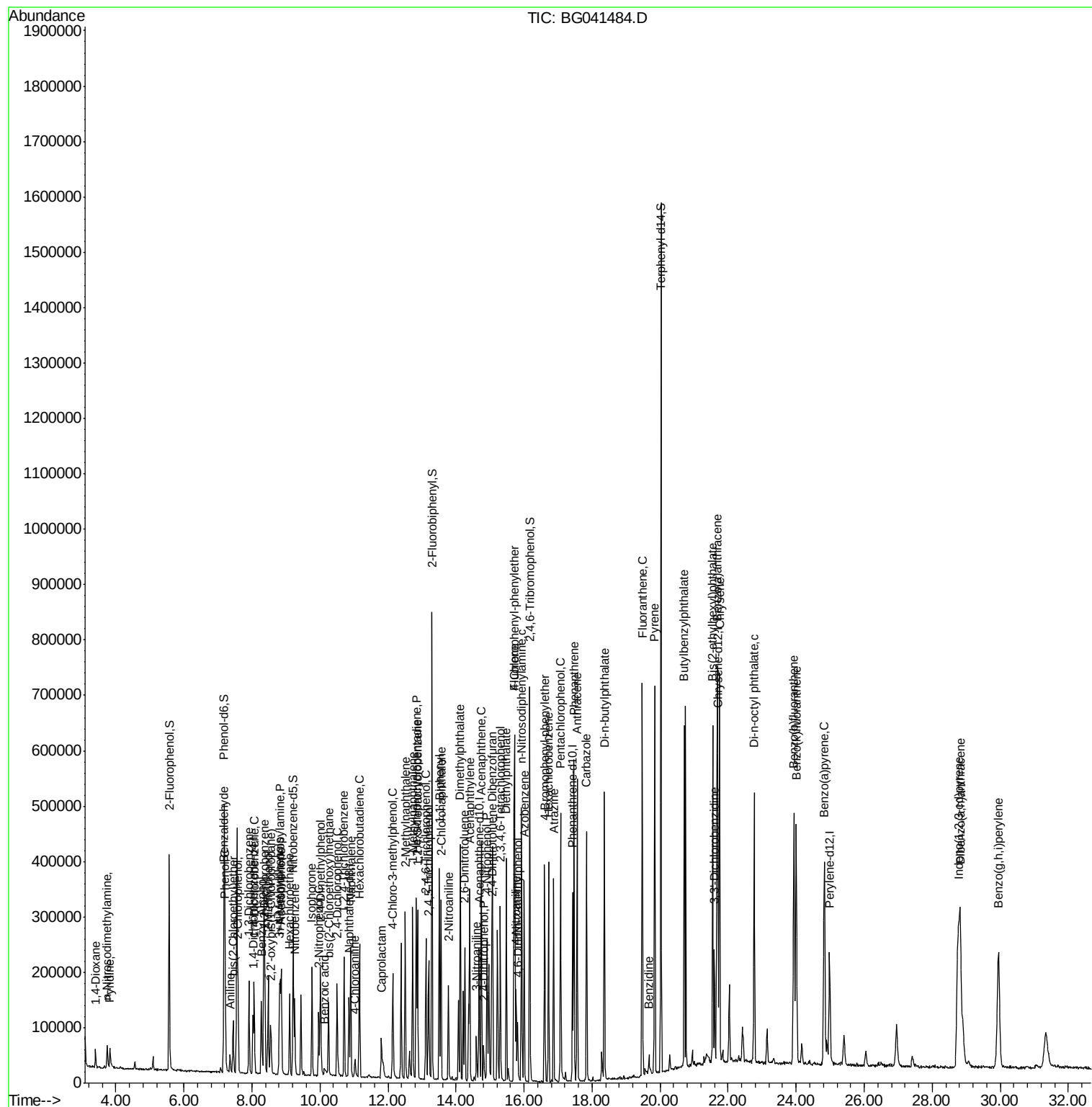
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	100158	53.461	ng	97
43) 2,4,6-Trichlorophenol	13.11	196	65987	31.445	ng	99
44) 2,4,5-Trichlorophenol	13.20	196	69243	33.121	ng	95
46) 1,1'-Biphenyl	13.51	154	192305	30.329	ng	98
47) 2-Chloronaphthalene	13.56	162	160625	29.507	ng	97
48) 2-Nitroaniline	13.77	65	52638	28.525	ng	94
49) Acenaphthylene	14.41	152	251918	30.961	ng	99
50) Dimethylphthalate	14.13	163	272551	37.287	ng	99
51) 2,6-Dinitrotoluene	14.26	165	47257	30.465	ng	94
52) Acenaphthene	14.74	154	143096	29.657	ng	92
53) 3-Nitroaniline	14.60	138	22080	14.910	ng	97
54) 2,4-Dinitrophenol	14.81	184	20315	26.985	ng	96
55) Dibenzofuran	15.08	168	263324	31.349	ng	99
56) 4-Nitrophenol	14.91	139	70620	73.895	ng	96
57) 2,4-Dinitrotoluene	15.05	165	67251	29.885	ng	# 98
58) Fluorene	15.72	166	209497	31.350	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.30	232	73274	33.247	ng	99
60) Diethylphthalate	15.48	149	221996	29.670	ng	98
61) 4-Chlorophenyl-phenylether	15.71	204	130526	30.282	ng	97
62) 4-Nitroaniline	15.76	138	38625	26.763	ng	98
63) Azobenzene	16.00	77	196662	31.175	ng	95
65) 4,6-Dinitro-2-methylphenol	15.81	198	27327	21.054	ng	97
66) n-Nitrosodiphenylamine	15.93	169	183946	31.892	ng	98
67) 4-Bromophenyl-phenylether	16.60	248	86006	30.032	ng	96
68) Hexachlorobenzene	16.72	284	92126	29.857	ng	98
69) Atrazine	16.87	200	79531	30.582	ng	98
70) Pentachlorophenol	17.07	266	101066	72.286	ng	91
71) Phenanthrene	17.47	178	363746	31.503	ng	99
72) Anthracene	17.56	178	369933	32.021	ng	99
73) Carbazole	17.84	167	313630	31.934	ng	98
74) Di-n-butylphthalate	18.36	149	373416	30.251	ng	99
75) Fluoranthene	19.48	202	477156	30.995	ng	100
77) Benzidine	19.67	184	32542	6.532	ng	# 96
78) Pyrene	19.84	202	477226	31.132	ng	99
80) Butylbenzylphthalate	20.70	149	173153	30.246	ng	97
81) Benzo(a)anthracene	21.68	228	474014	30.364	ng	100
82) 3,3'-Dichlorobenzidine	21.60	252	81771	15.127	ng	98
83) Chrysene	21.74	228	462378	30.599	ng	98
84) Bis(2-ethylhexyl)phthalate	21.54	149	249574	30.751	ng	99
85) Di-n-octyl phthalate	22.77	149	421527	30.691	ng	99
86) Indeno(1,2,3-cd)pyrene	28.76	276	559483	30.577	ng	# 97
88) Benzo(b)fluoranthene	23.93	252	470308	31.127	ng	98
89) Benzo(k)fluoranthene	24.00	252	465462	31.379	ng	97
90) Benzo(a)pyrene	24.83	252	457360	31.872	ng	99
91) Dibenzo(a,h)anthracene	28.82	278	461997	32.136	ng	99
92) Benzo(g,h,i)perylene	29.95	276	463540	32.429	ng	99

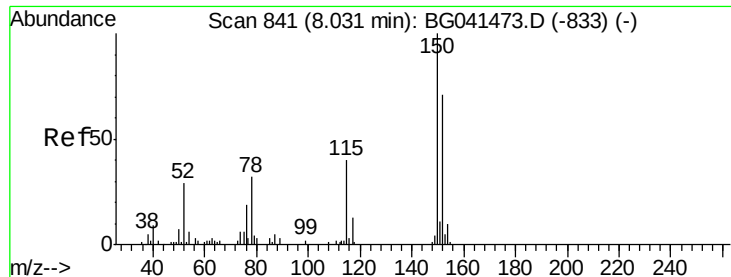
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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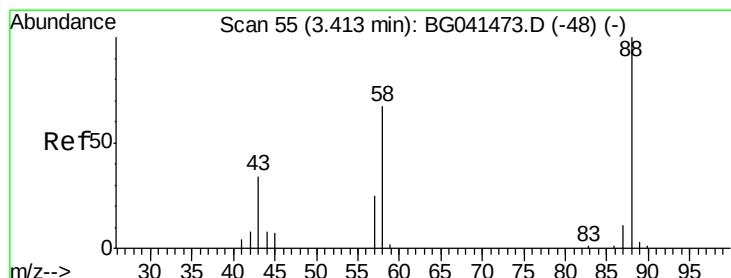
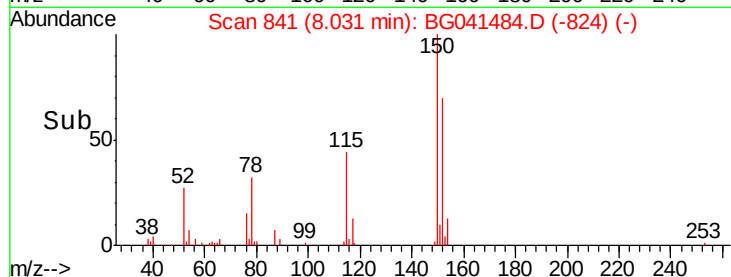
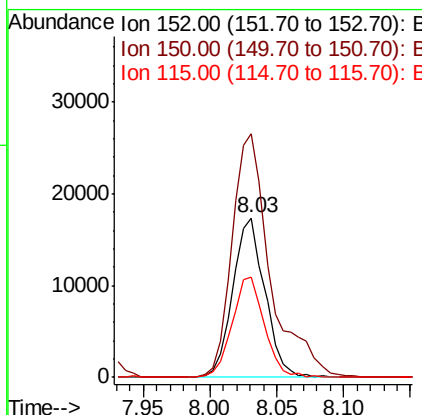
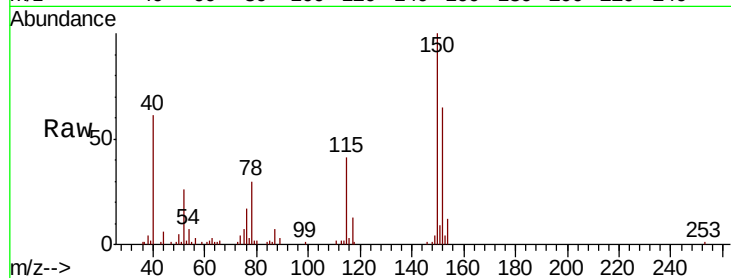


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG041484.D
Acq: 27 Jun 2019 10:34

Instrument :
BNA_G
ClientSampleId :
B-2(9-10)MSD

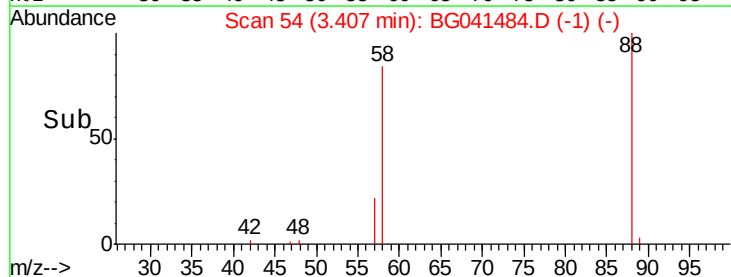
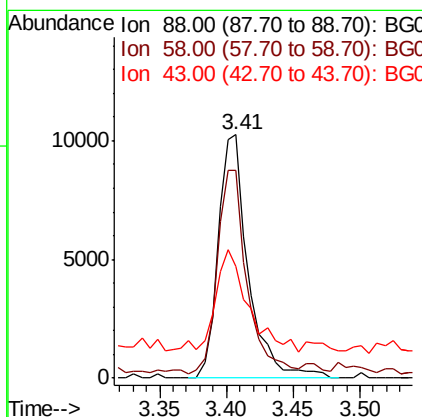
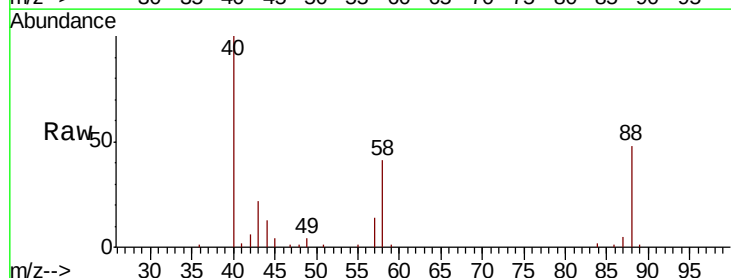
Tot Ion:152 Resp: 28934
Ion Ratio Lower Upper
152 100
150 153.0 112.4 168.6
115 63.0 44.6 66.8

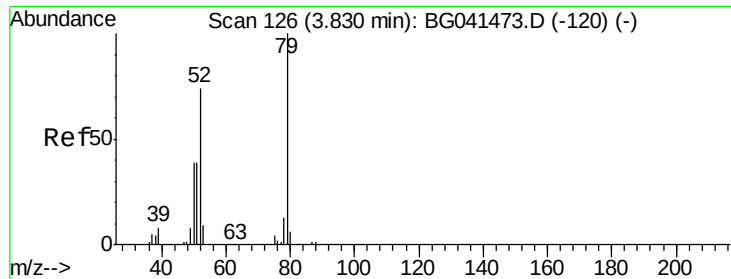


#2

1,4-Dioxane
Concen: 22.071 ng
RT: 3.41 min Scan# 54
Delta R.T. -0.01 min
Lab File: BG041484.D
Acq: 27 Jun 2019 10:34

Tgt Ion: 88 Resp: 16214
Ion Ratio Lower Upper
88 100
58 82.8 55.8 83.8
43 46.8 27.8 41.8#





#3

Pvridine

Concen: 12.542 ng

RT: 3.82 min Scan# 125

Delta R.T. -0.01 min

Lab File: BG041484.D

Acq: 27 Jun 2019 10:34

Instrument :

BNA_G

ClientSampleId :

B-2(9-10)MSD

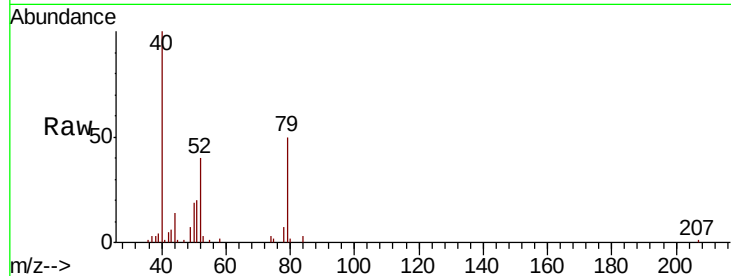
Tot Ion: 79 Resp: 23377

Ion Ratio Lower Upper

79 100

52 79.7 59.4 89.0

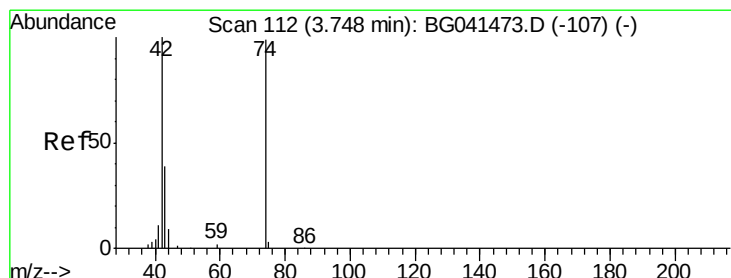
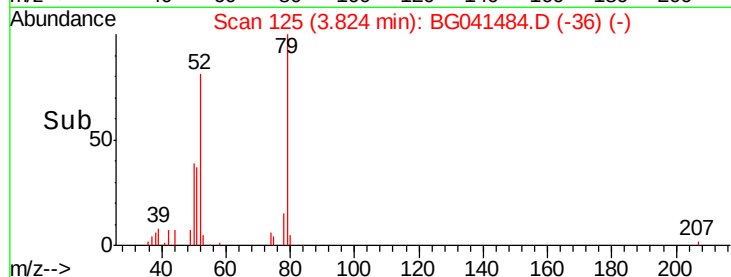
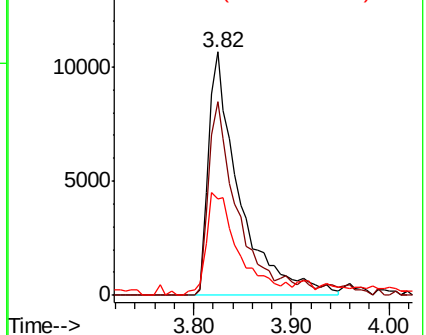
51 39.8 32.3 48.5



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: 28.607 ng

RT: 3.74 min Scan# 111

Delta R.T. -0.01 min

Lab File: BG041484.D

Acq: 27 Jun 2019 10:34

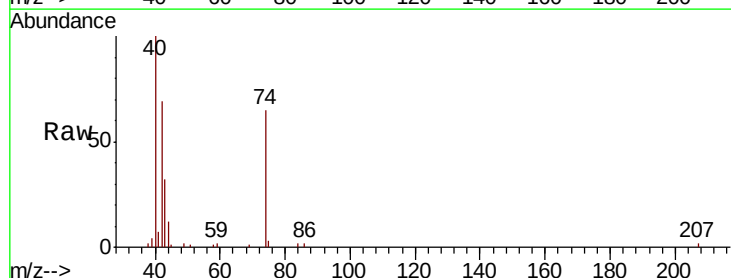
Tgt Ion: 42 Resp: 29672

Ion Ratio Lower Upper

42 100

74 94.0 79.5 119.3

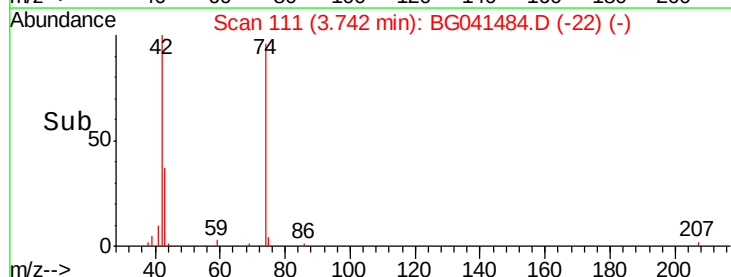
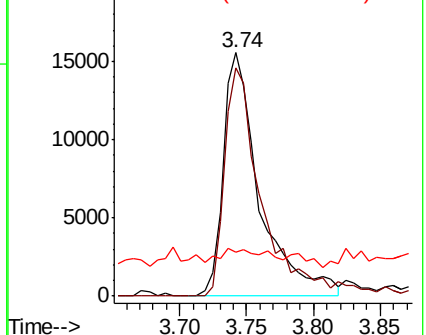
44 18.0 14.2 21.2

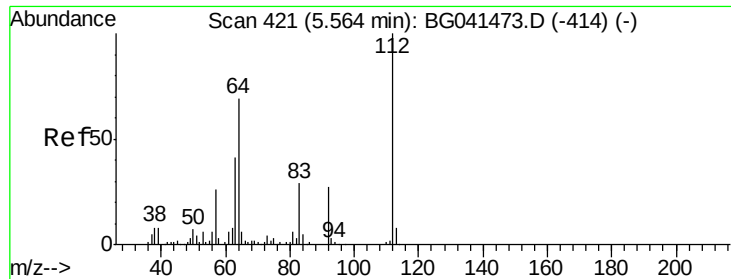


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 101.737 ng

RT: 5.56 min Scan# 421

Delta R.T. -0.00 min

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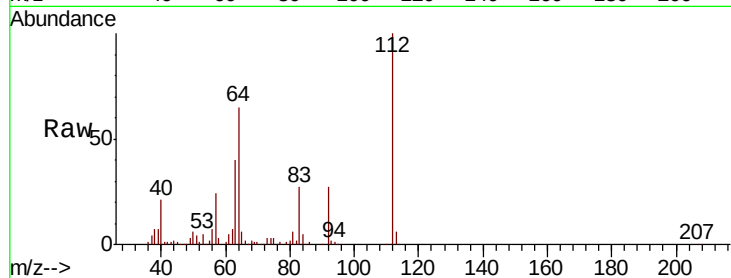
Tot Ion:112 Resp: 165109

Ion Ratio Lower Upper

112 100

64 65.3 55.1 82.7

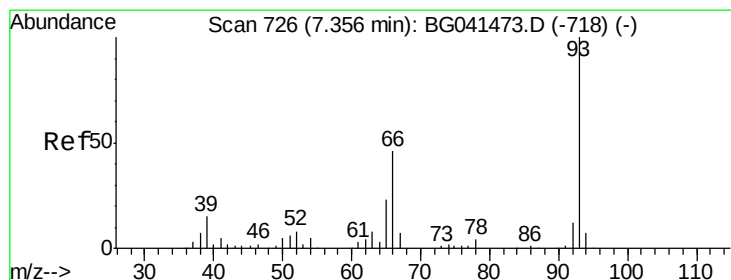
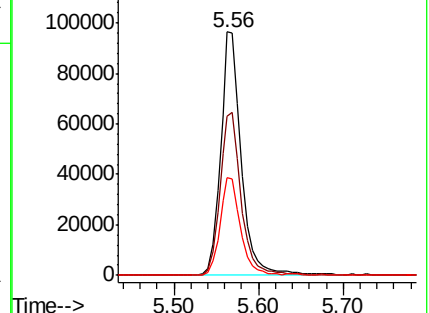
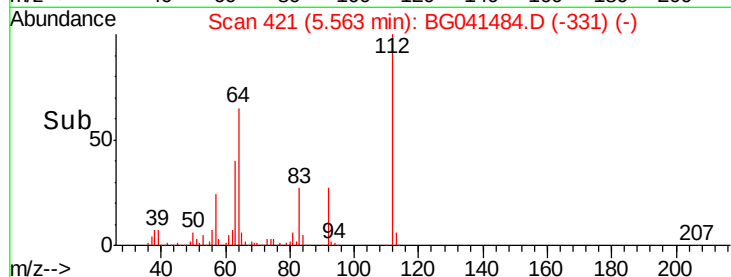
63 40.4 32.4 48.6



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 6.259 ng

RT: 7.36 min Scan# 726

Delta R.T. -0.00 min

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Acq: 27 Jun 2019 10:34

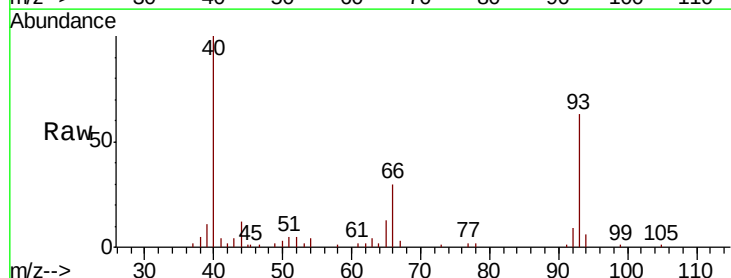
Tgt Ion: 93 Resp: 18432

Ion Ratio Lower Upper

93 100

66 46.6 37.4 56.0

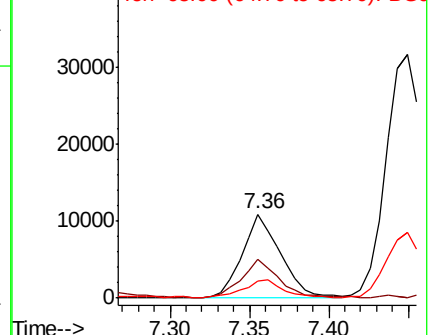
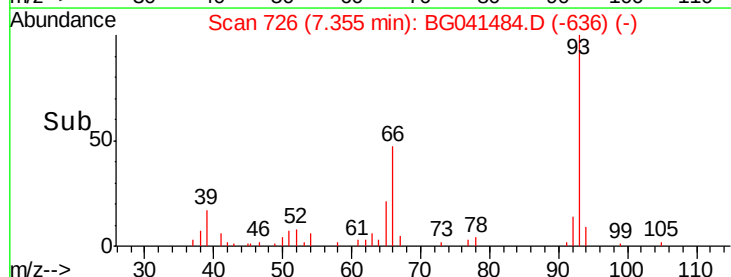
65 21.0 18.6 27.8

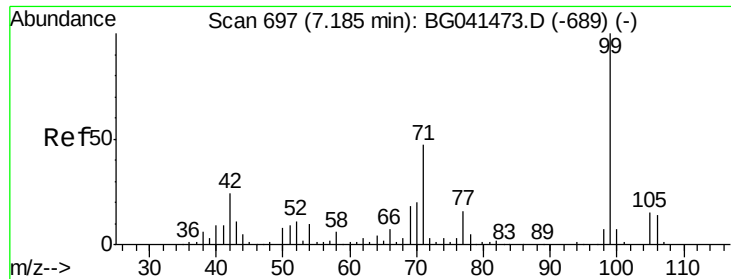


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 106.181 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.00 min

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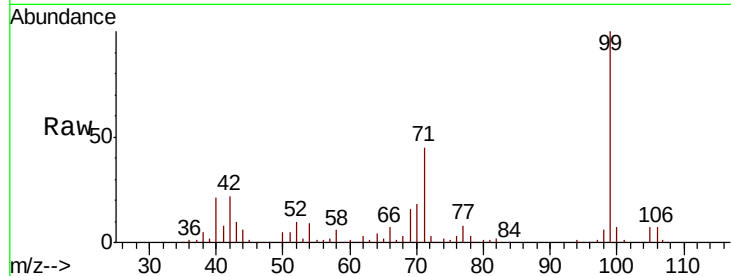
Tot Ion: 99 Resp: 242583

Ion Ratio Lower Upper

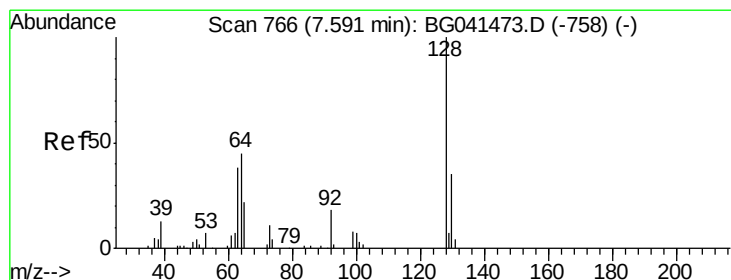
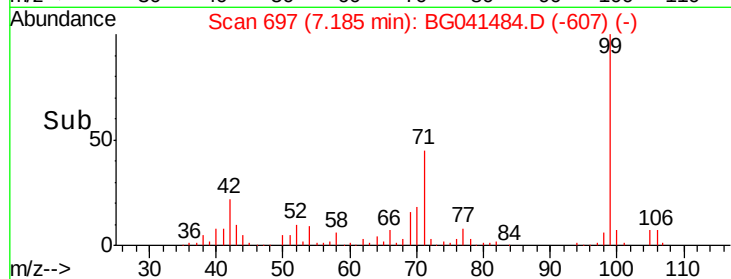
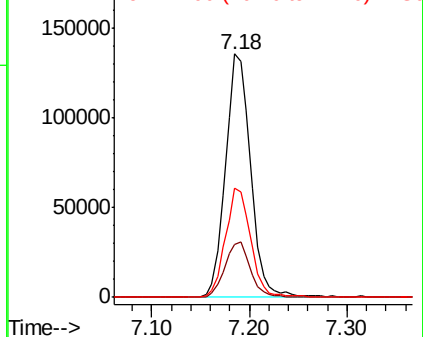
99 100

42 21.8 19.0 28.6

71 44.8 37.4 56.2



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



#8

2-Chlorophenol

Concen: 32.920 ng

RT: 7.59 min Scan# 766

Delta R.T. -0.00 min

Lab File: BG041484.D

Acq: 27 Jun 2019 10:34

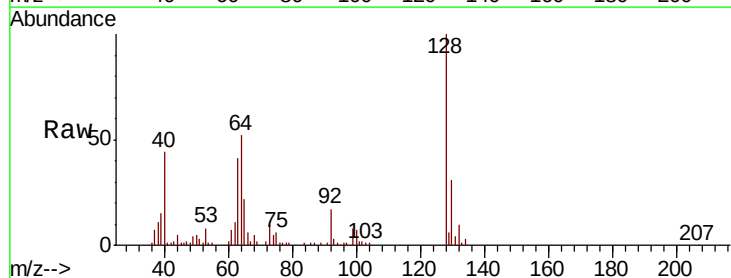
Tgt Ion:128 Resp: 59917

Ion Ratio Lower Upper

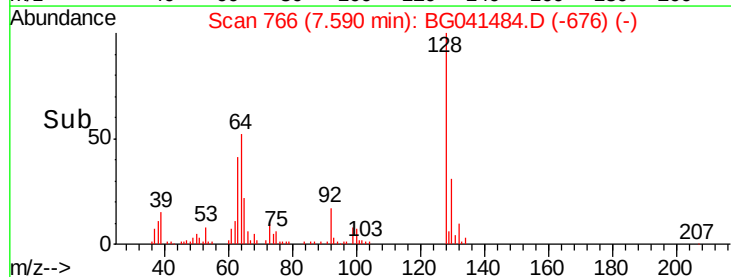
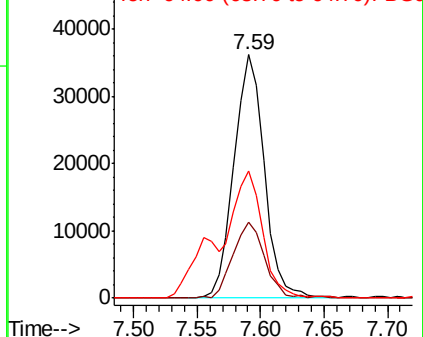
128 100

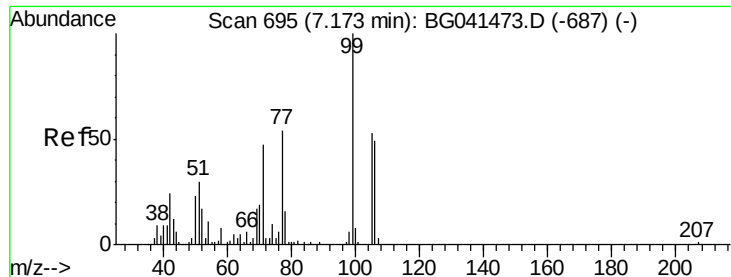
130 31.4 15.0 55.0

64 52.2 33.3 73.3



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: 33.463 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

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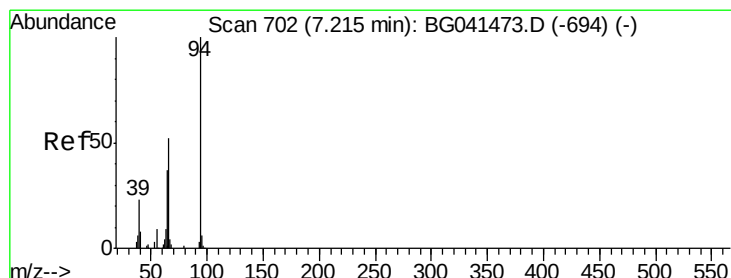
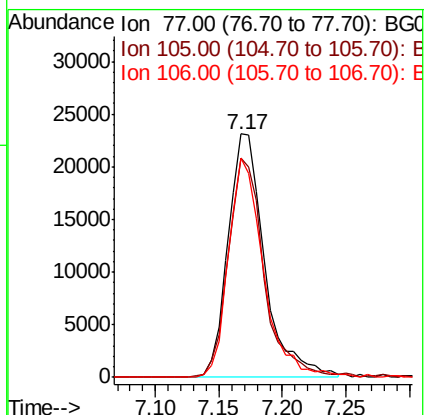
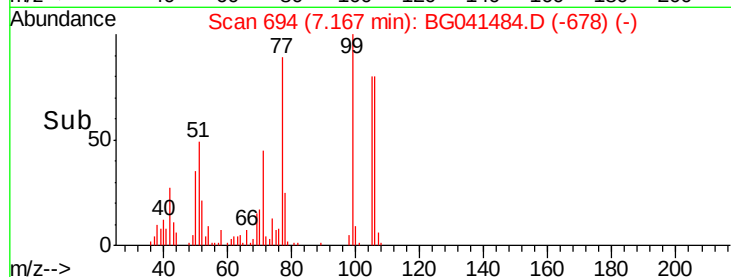
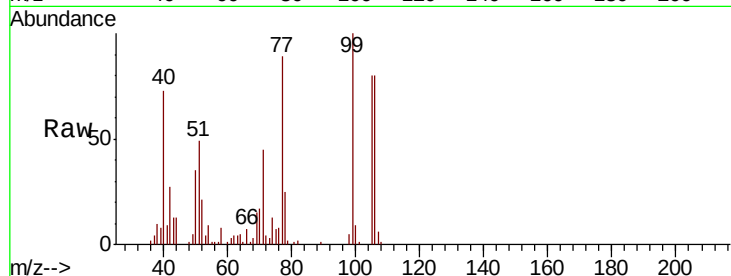
Tot Ion: 77 Resp: 46170

Ion Ratio Lower Upper

77 100

105 90.0 77.8 117.8

106 89.9 70.1 110.1



#10

Phenol

Concen: 34.449 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.00 min

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Acq: 27 Jun 2019 10:34

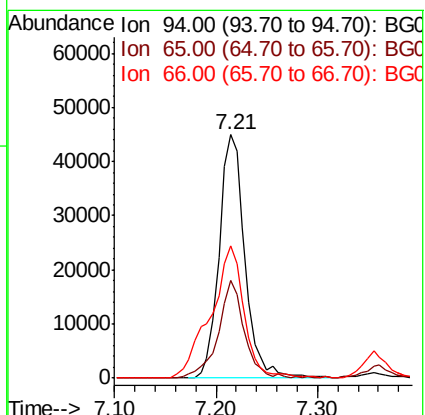
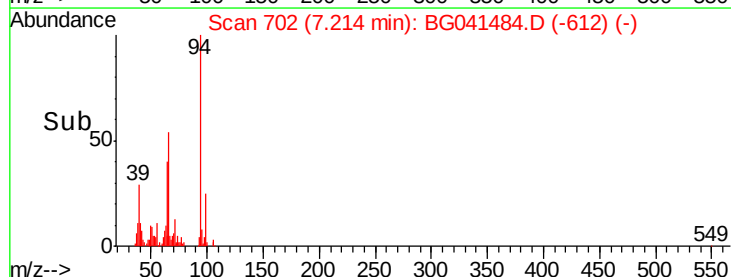
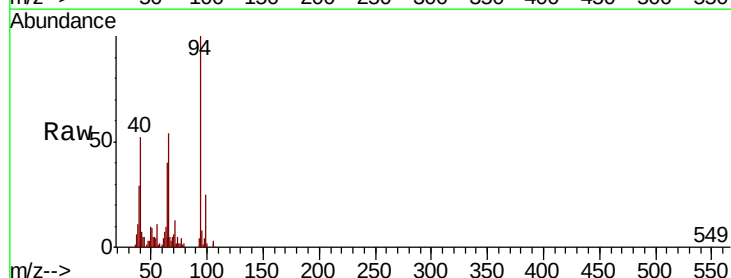
Tgt Ion: 94 Resp: 79320

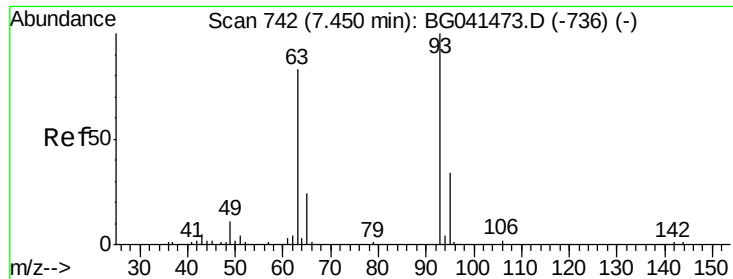
Ion Ratio Lower Upper

94 100

65 39.9 17.9 57.9

66 54.3 34.4 74.4





#11

bis(2-Chloroethyl)ether

Concen: 28.740 ng

RT: 7.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BG041484.D

Acq: 27 Jun 2019 10:34

Instrument :

BNA_G

ClientSampleId :

B-2(9-10)MSD

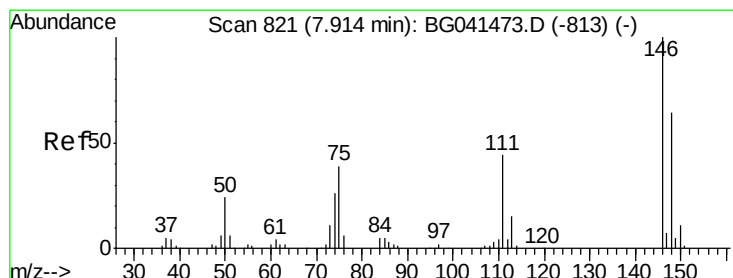
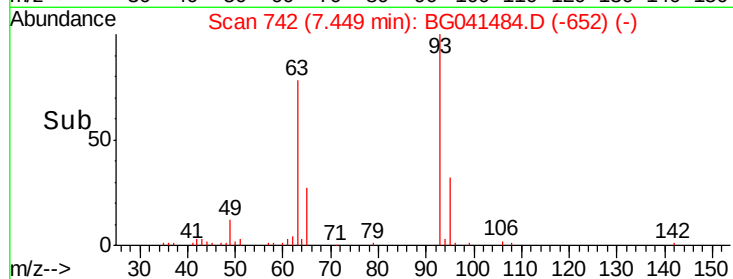
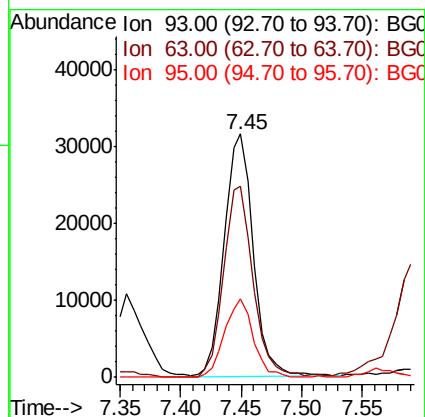
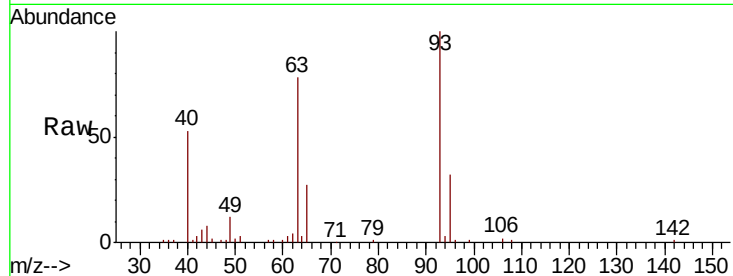
Tot Ion: 93 Resp: 52478

Ion Ratio Lower Upper

93 100

63 78.4 62.0 102.0

95 32.5 13.0 53.0



#12

1,3-Dichlorobenzene

Concen: 28.476 ng

RT: 7.91 min Scan# 821

Delta R.T. -0.00 min

Lab File: BG041484.D

Acq: 27 Jun 2019 10:34

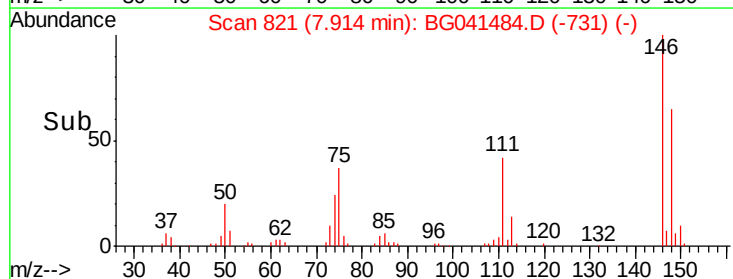
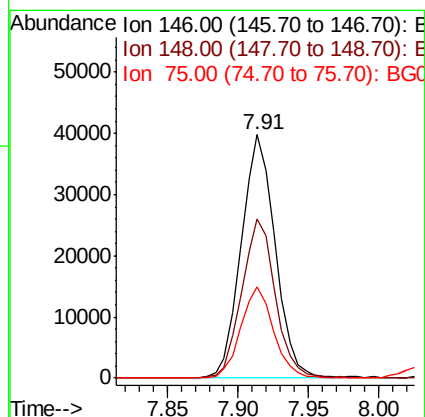
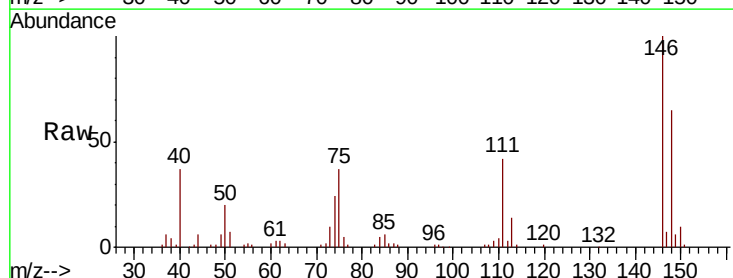
Tgt Ion: 146 Resp: 67046

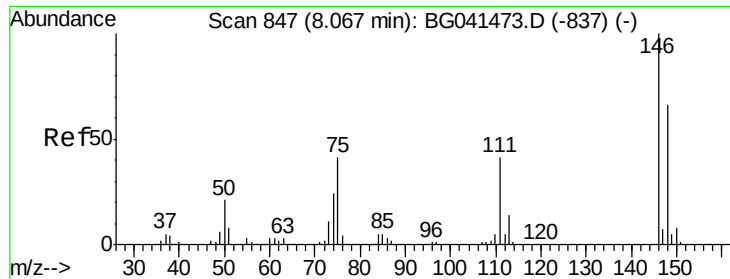
Ion Ratio Lower Upper

146 100

148 65.1 51.1 76.7

75 37.3 31.0 46.6

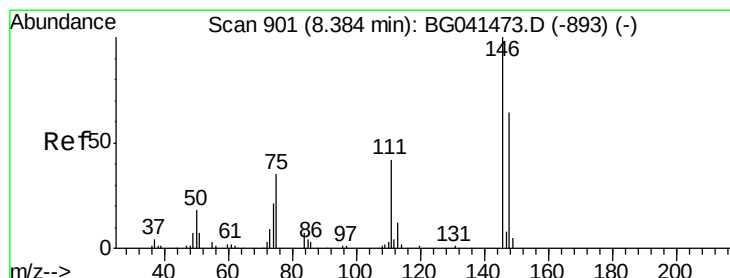
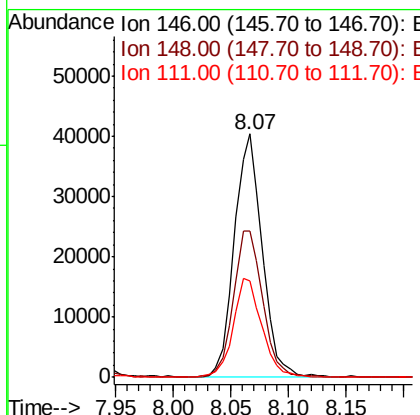
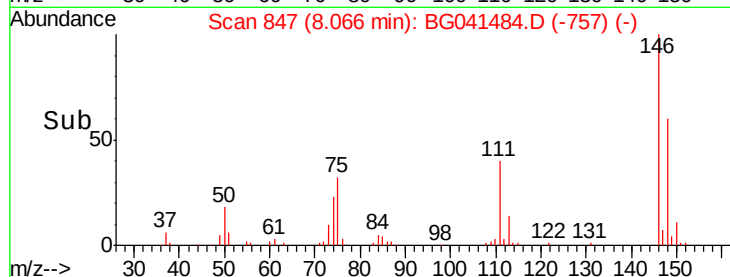
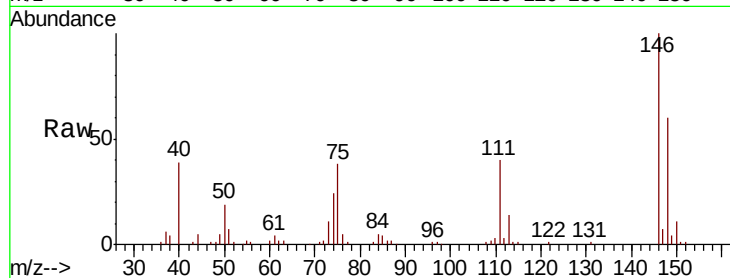




#13
 1,4-Dichlorobenzene
 Concen: 28.468 ng
 RT: 8.07 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: BG041484.D
 Acq: 27 Jun 2019 10:34

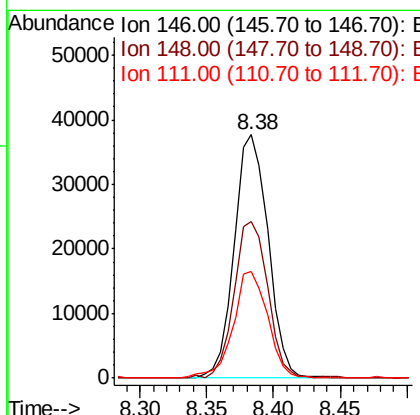
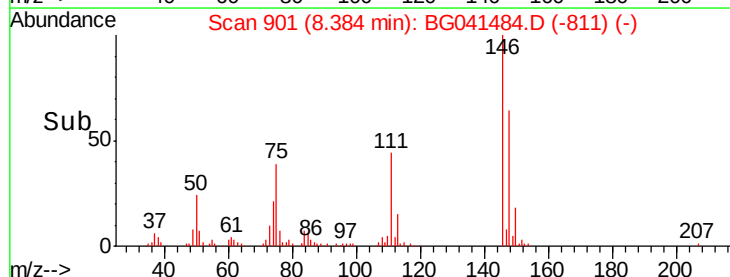
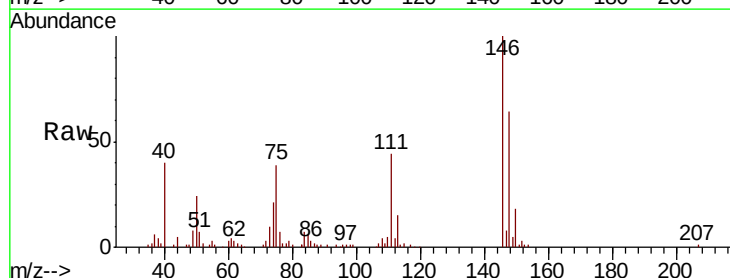
Instrument :
 BNA_G
 ClientSampleId :
 B-2(9-10)MSD

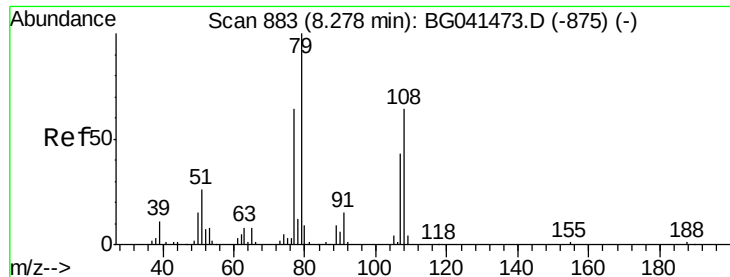
Tot Ion:146 Resp: 67570
 Ion Ratio Lower Upper
 146 100
 148 60.0 52.8 79.2
 111 39.5 33.1 49.7



#14
 1,2-Dichlorobenzene
 Concen: 29.129 ng
 RT: 8.38 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: BG041484.D
 Acq: 27 Jun 2019 10:34

Tgt Ion:146 Resp: 66198
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.3 76.9
 111 43.8 34.3 51.5





#15

Benzyl Alcohol

Concen: 29.939 ng

RT: 8.28 min Scan# 883

Delta R.T. -0.00 min

Lab File: BG041484.D

Acq: 27 Jun 2019 10:34

Instrument :

BNA_G

ClientSampleId :

B-2(9-10)MSD

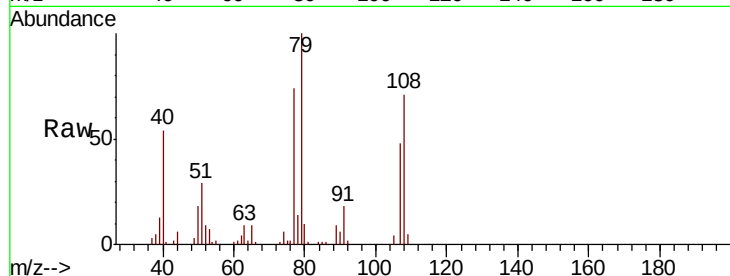
Tot Ion: 79 Resp: 54471

Ion Ratio Lower Upper

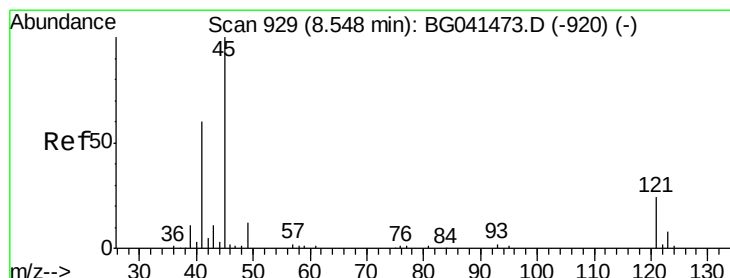
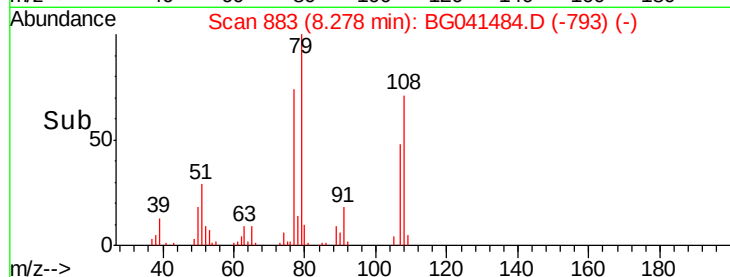
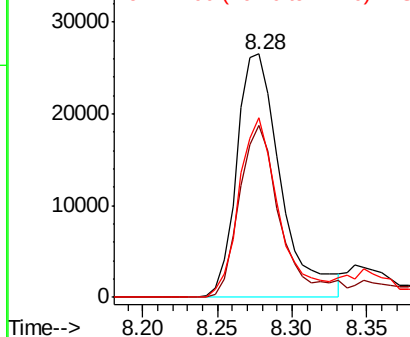
79 100

108 70.5 51.4 77.0

77 73.8 50.8 76.2



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 28.413 ng

RT: 8.55 min Scan# 930

Delta R.T. 0.01 min

Lab File: BG041484.D

Acq: 27 Jun 2019 10:34

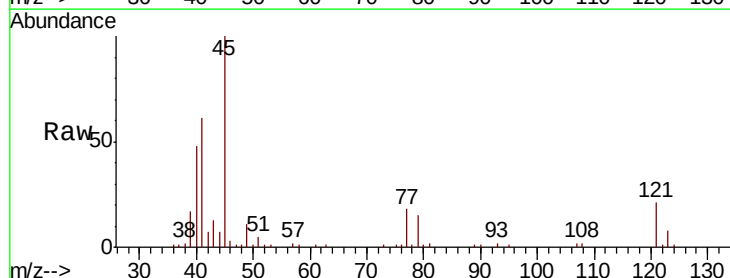
Tgt Ion: 45 Resp: 72858

Ion Ratio Lower Upper

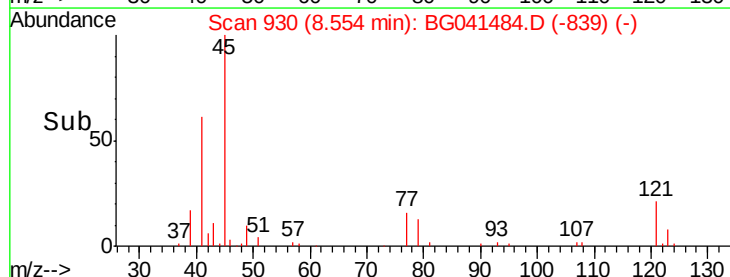
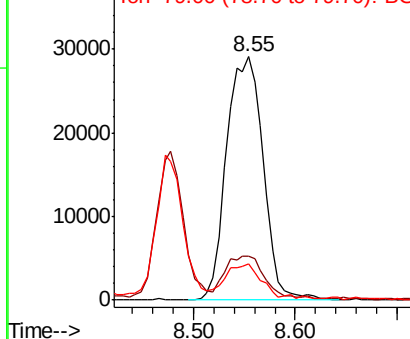
45 100

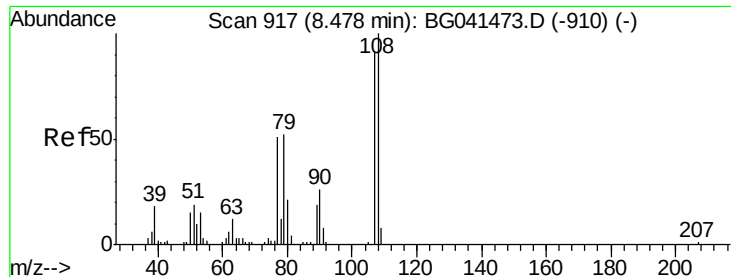
77 18.0 0.0 36.3

79 14.7 0.0 32.4



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





#17

2-Methylphenol

Concen: 30.842 ng

RT: 8.48 min Scan# 917

Delta R.T. -0.00 min

Lab File: BG041484.D

Acq: 27 Jun 2019 10:34

Instrument :

BNA_G

ClientSampleId :

B-2(9-10)MSD

Tot Ion:107 Resp: 51694

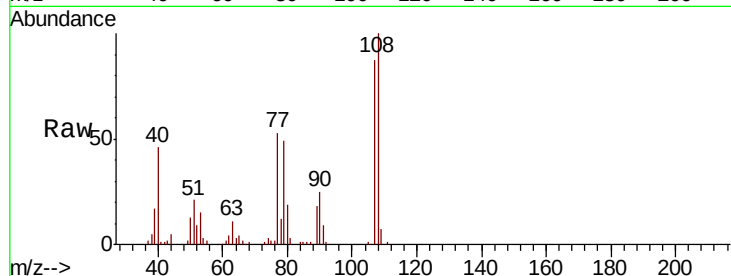
Ion Ratio Lower Upper

107 100

108 115.1 88.0 132.0

77 60.7 45.3 67.9

79 56.4 47.3 70.9

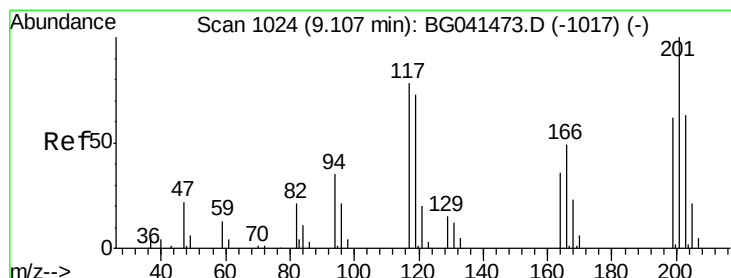
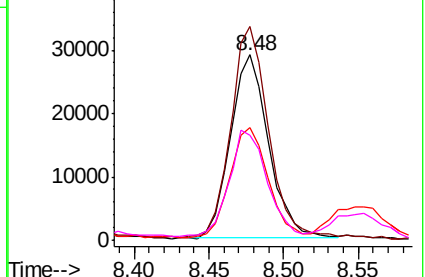
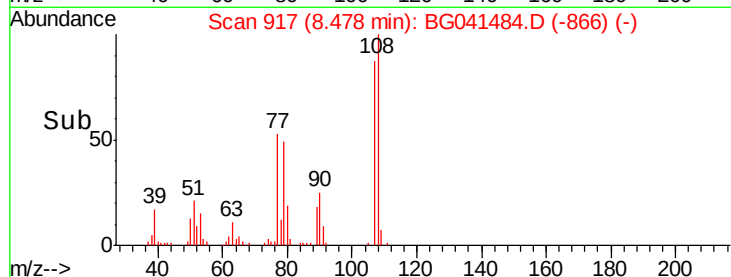


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 28.414 ng

RT: 9.11 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BG041484.D

Acq: 27 Jun 2019 10:34

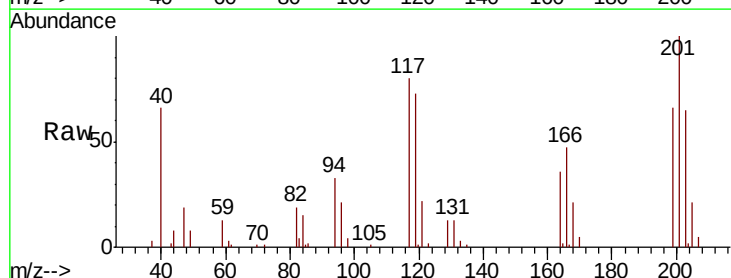
Tgt Ion:117 Resp: 26610

Ion Ratio Lower Upper

117 100

119 91.5 74.3 111.5

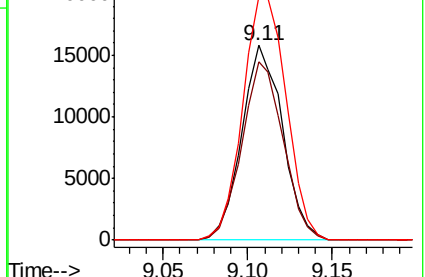
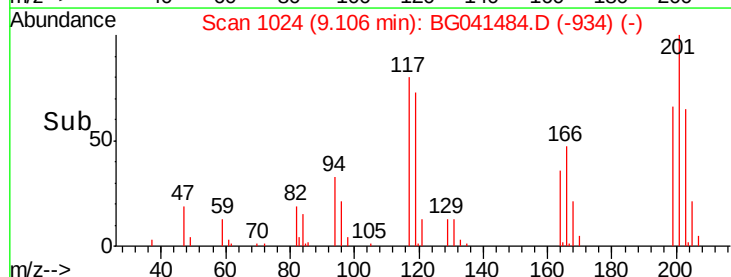
201 125.2 102.3 153.5

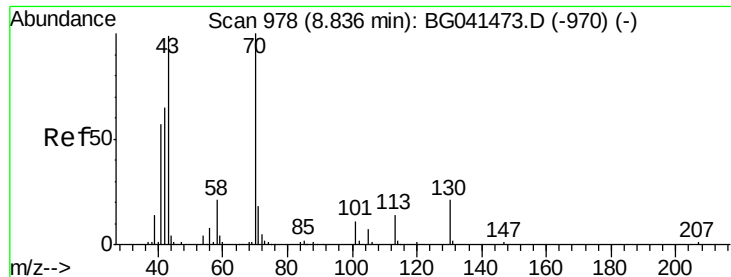


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 28.266 ng

RT: 8.84 min Scan# 978

Delta R.T. -0.00 min

Lab File: BG041484.D

Acq: 27 Jun 2019 10:34

Instrument :

BNA_G

ClientSampleId :

B-2(9-10)MSD

Tot Ion: 70 Resp: 48168

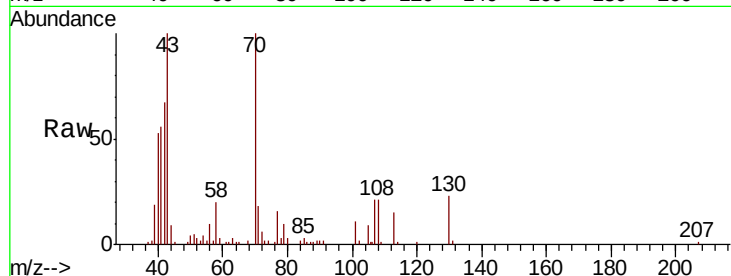
Ion Ratio Lower Upper

70 100

42 66.8 52.6 78.8

101 10.9 8.6 13.0

130 23.4 16.6 25.0

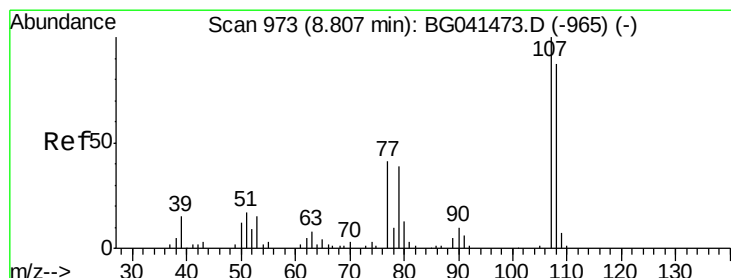
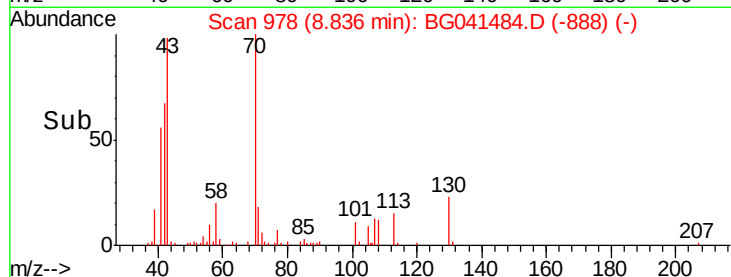
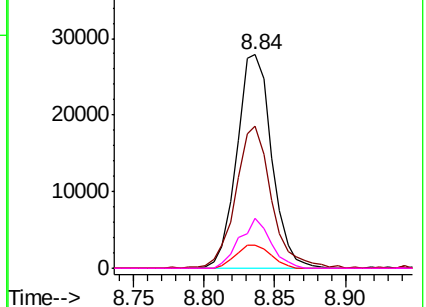


Abundance Ion 70.00 (69.70 to 70.70): BGC

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: 33.136 ng

RT: 8.81 min Scan# 974

Delta R.T. 0.01 min

Lab File: BG041484.D

Acq: 27 Jun 2019 10:34

Tgt Ion: 107 Resp: 74024

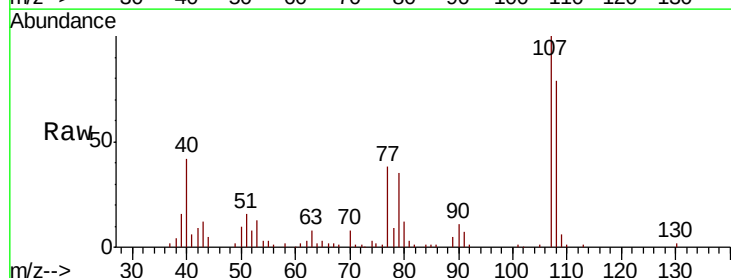
Ion Ratio Lower Upper

107 100

108 78.9 67.0 107.0

77 38.2 20.6 60.6

79 35.3 18.9 58.9

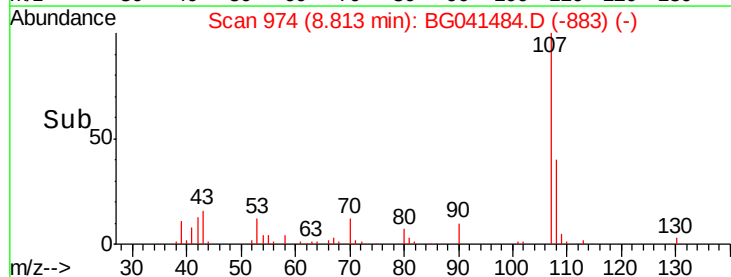
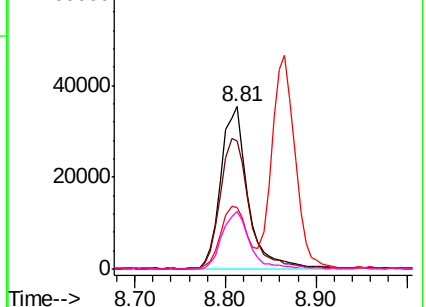


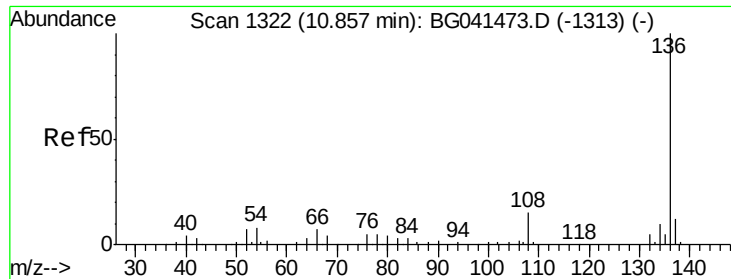
Abundance Ion 107.00 (106.70 to 107.70): BGC

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

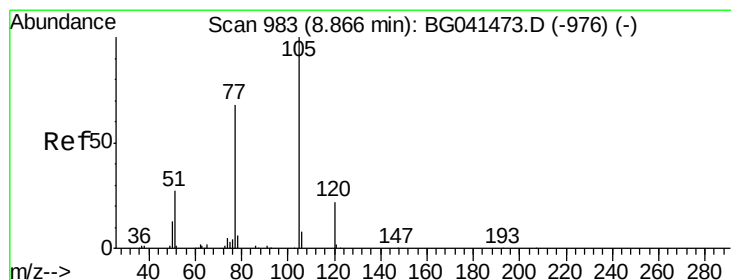
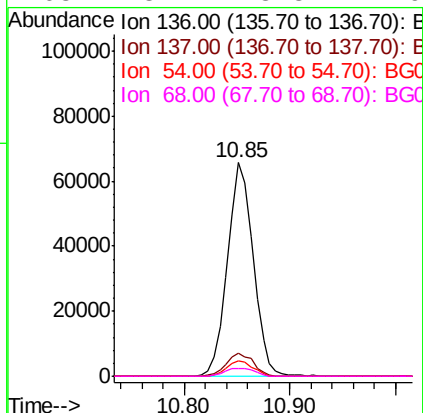
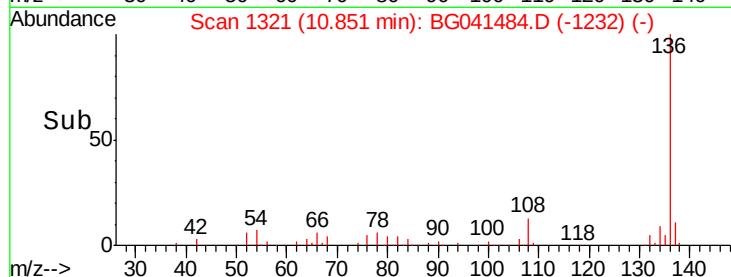
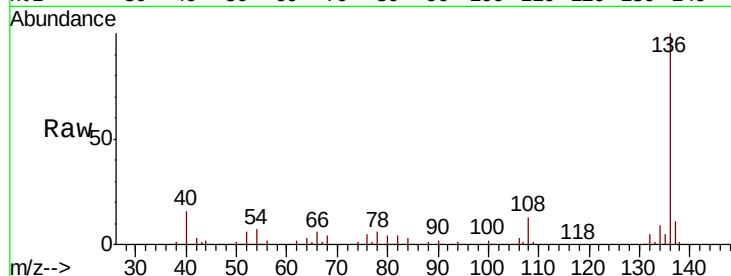




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG041484.D
Acq: 27 Jun 2019 10:34

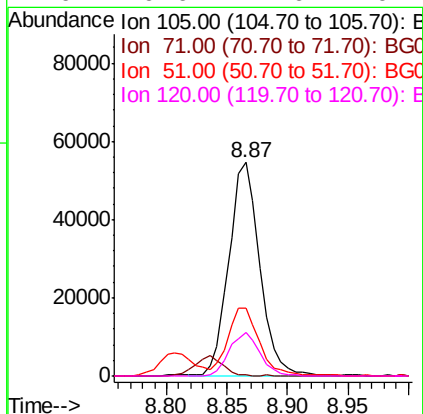
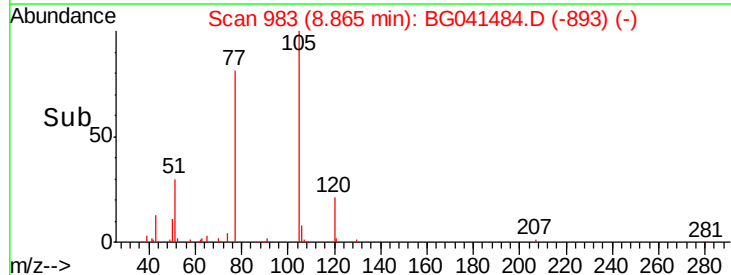
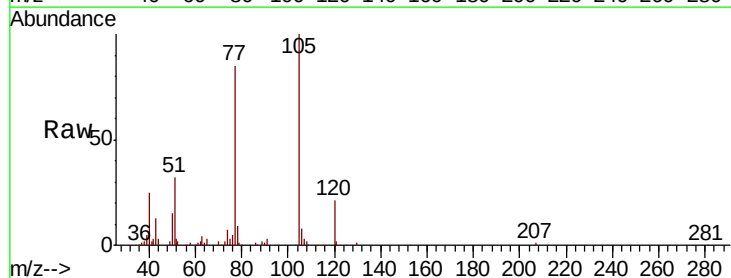
Instrument :
BNA_G
ClientSampleId :
B-2(9-10)MSD

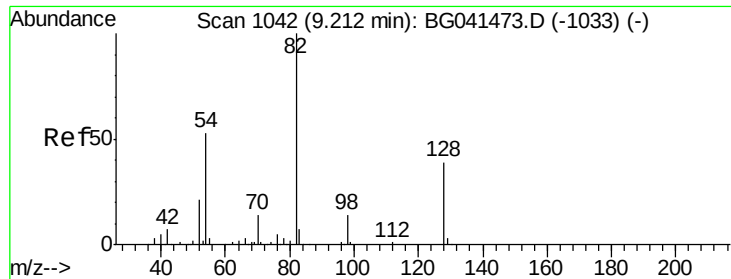
Tot Ion:136	Resp:	110337
Ion	Ratio	Lower Upper
136	100	
137	11.0	9.3 13.9
54	7.2	7.1 10.7
68	3.7	3.3 4.9



#22
Acetophenone
Concen: 29.563 ng
RT: 8.87 min Scan# 983
Delta R.T. -0.00 min
Lab File: BG041484.D
Acq: 27 Jun 2019 10:34

Tgt Ion:105	Resp:	97843
Ion	Ratio	Lower Upper
105	100	
71	0.4	0.5 0.7#
51	31.5	25.0 37.6
120	20.6	17.6 26.4

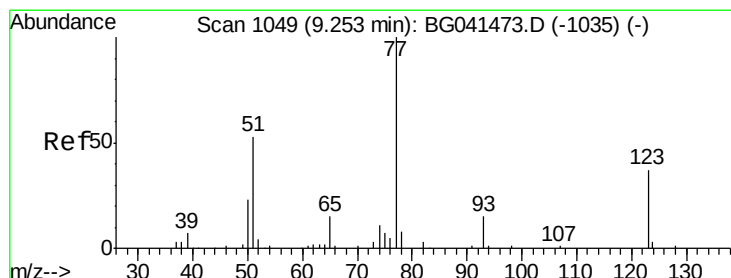
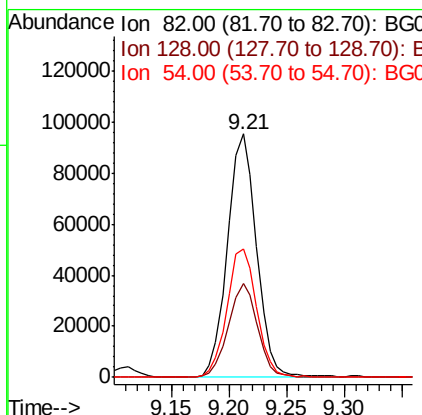
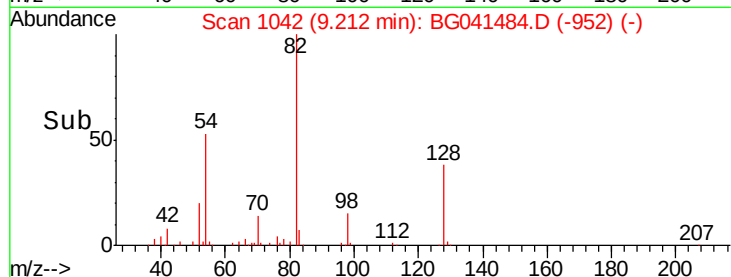
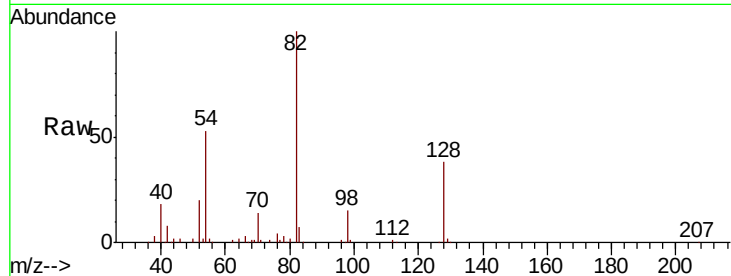




#23
 Nitrobenzene-d5
 Concen: 63.014 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BG041484.D
 Acq: 27 Jun 2019 10:34

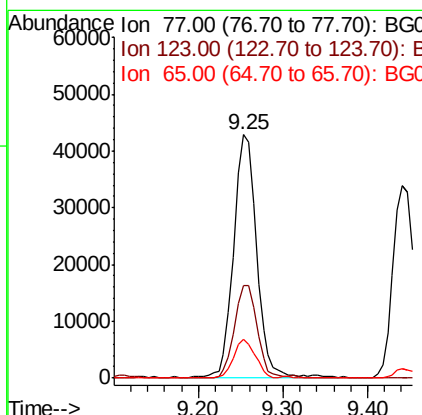
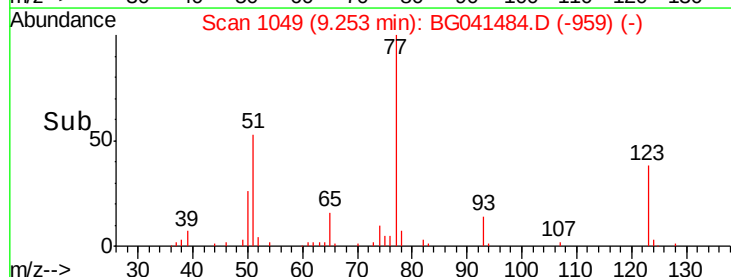
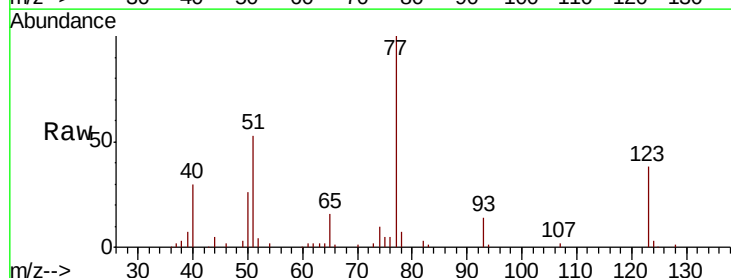
Instrument :
 BNA_G
 ClientSampleId :
 B-2(9-10)MSD

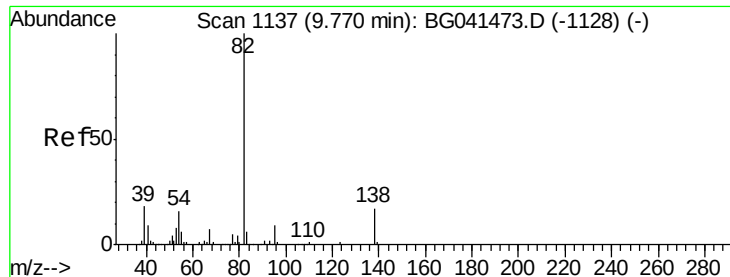
Tot Ion	82	Resp	166705
Ion Ratio	Lower	Upper	
82	100		
128	38.3	30.9	46.3
54	52.7	42.2	63.2



#24
 Nitrobenzene
 Concen: 30.433 ng
 RT: 9.25 min Scan# 1049
 Delta R.T. -0.00 min
 Lab File: BG041484.D
 Acq: 27 Jun 2019 10:34

Tgt Ion	77	Resp	80813
Ion Ratio	Lower	Upper	
77	100		
123	38.2	29.9	44.9
65	15.7	12.2	18.4





#25

Isophorone

Concen: 29.070 ng

RT: 9.76 min Scan# 1136

Delta R.T. -0.01 min

Lab File: BG041484.D

Acq: 27 Jun 2019 10:34

Instrument :

BNA_G

ClientSampleId :

B-2(9-10)MSD

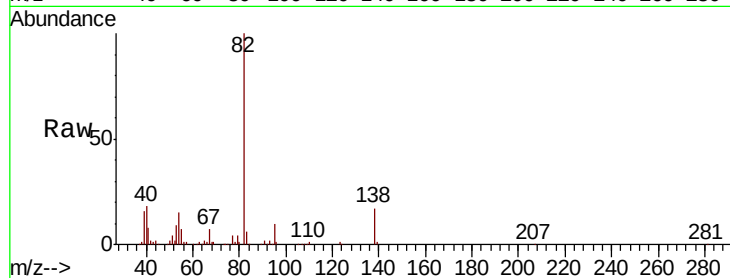
Tot Ion: 82 Resp: 138077

Ion Ratio Lower Upper

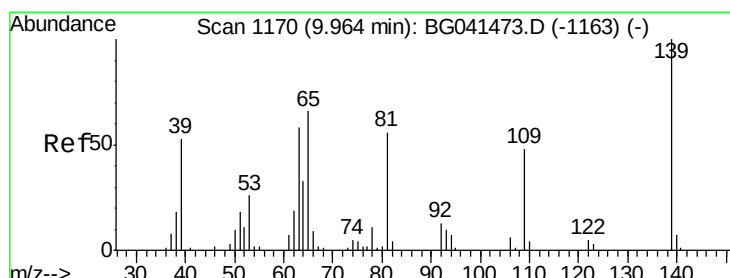
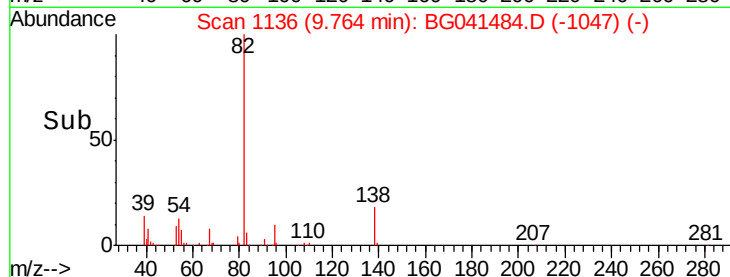
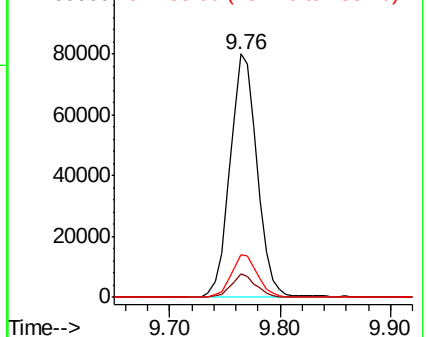
82 100

95 9.7 6.8 10.2

138 17.5 13.7 20.5



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



#26

2-Nitrophenol

Concen: 30.961 ng

RT: 9.96 min Scan# 1170

Delta R.T. -0.00 min

Lab File: BG041484.D

Acq: 27 Jun 2019 10:34

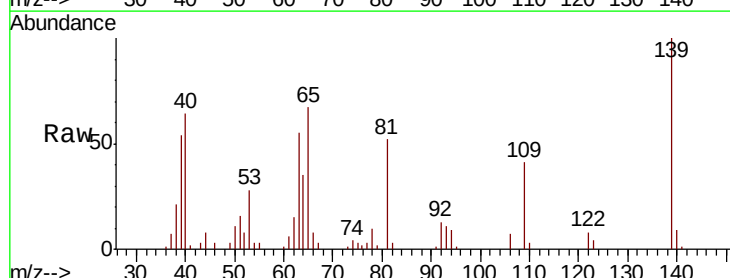
Tgt Ion: 139 Resp: 34335

Ion Ratio Lower Upper

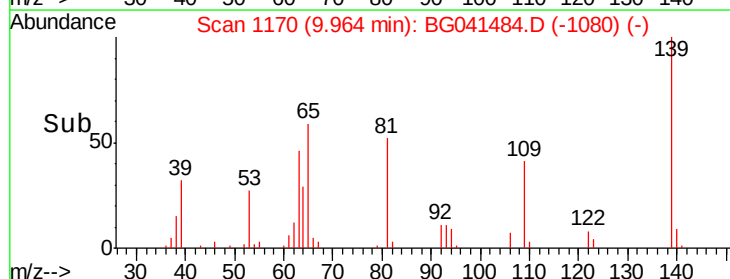
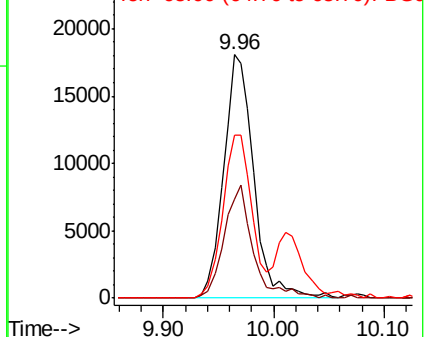
139 100

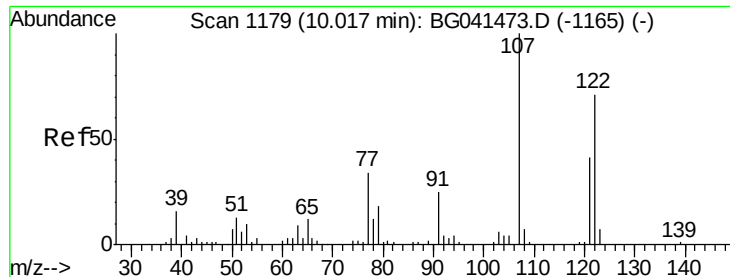
109 40.7 38.6 57.8

65 67.2 52.6 78.8



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

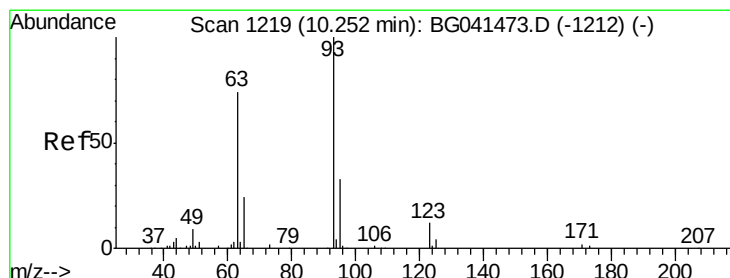
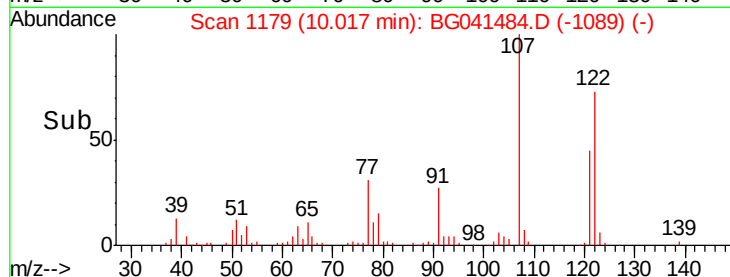
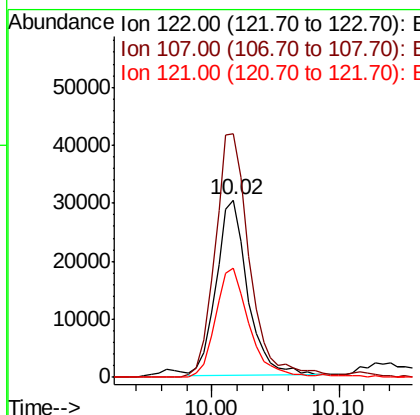
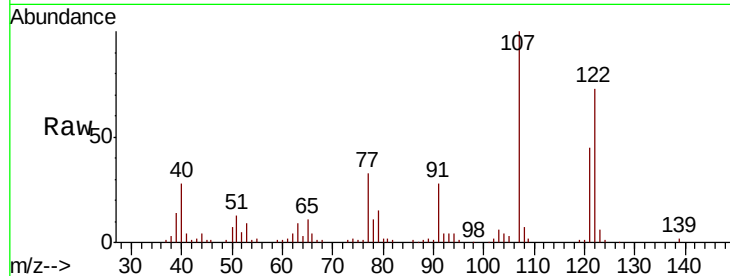




#27
2,4-Dimethylphenol
Concen: 34.061 ng
RT: 10.02 min Scan# 1179
Delta R.T. -0.00 min
Lab File: BG041484.D
Acq: 27 Jun 2019 10:34

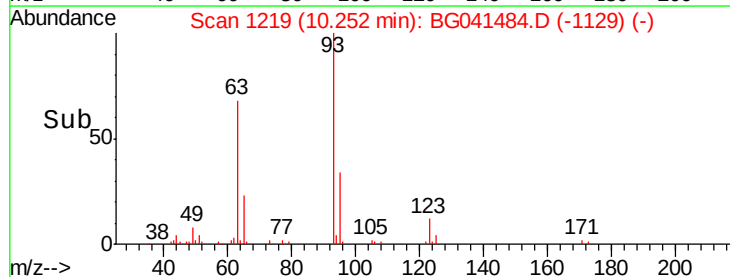
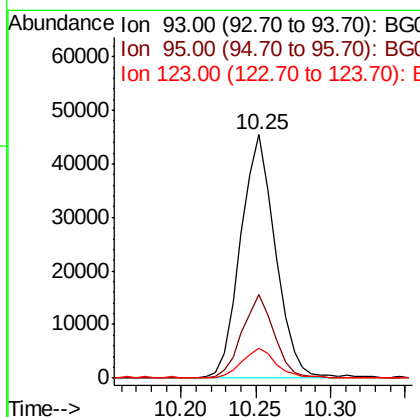
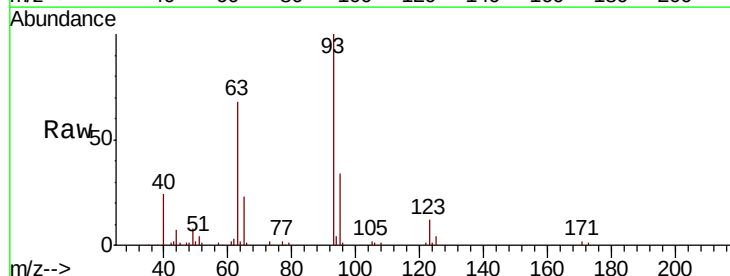
Instrument :
BNA_G
ClientSampled :
B-2(9-10)MSD

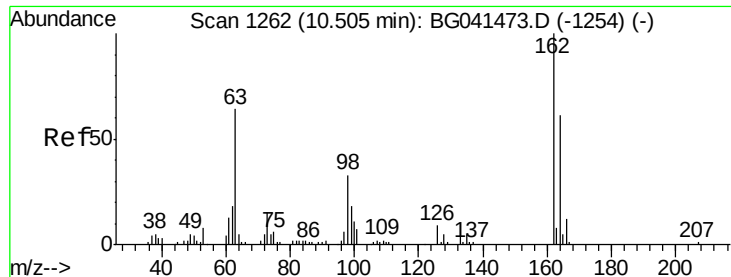
Tot Ion:122 Resp: 52571
Ion Ratio Lower Upper
122 100
107 137.0 112.9 169.3
121 61.4 46.1 69.1



#28
bis(2-Chloroethoxy)methane
Concen: 29.223 ng
RT: 10.25 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BG041484.D
Acq: 27 Jun 2019 10:34

Tgt Ion: 93 Resp: 73397
Ion Ratio Lower Upper
93 100
95 34.1 26.2 39.2
123 12.1 9.6 14.4

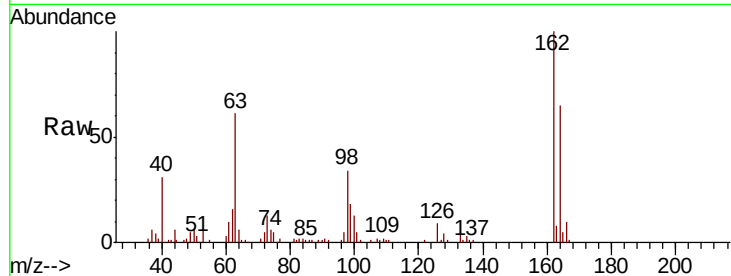




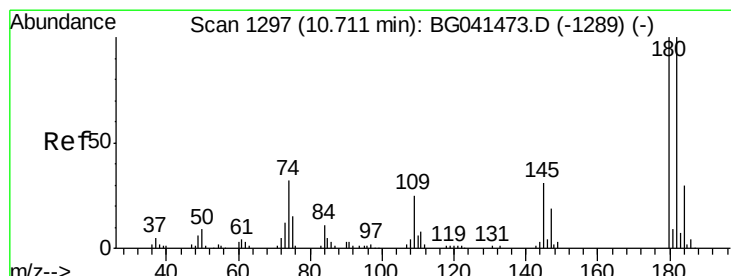
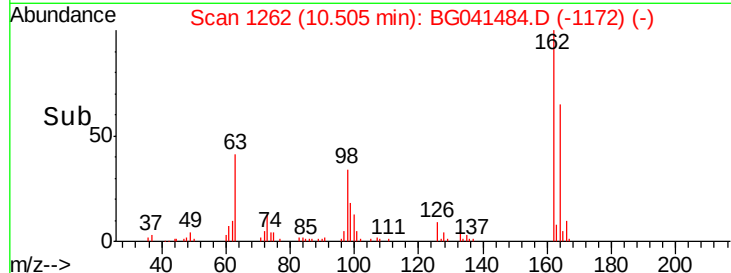
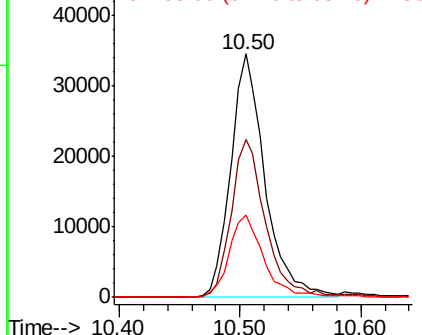
#29
 2,4-Dichlorophenol
 Concen: 32.761 ng
 RT: 10.50 min Scan# 1262
 Delta R.T. -0.00 min
 Lab File: BG041484.D
 Acq: 27 Jun 2019 10:34

Instrument :
 BNA_G
 ClientSampleId :
 B-2(9-10)MSD

Tot Ion:162	Resp:	68298
Ion Ratio	Lower	Upper
162	100	
164	65.0	41.3 81.3
98	33.6	13.2 53.2

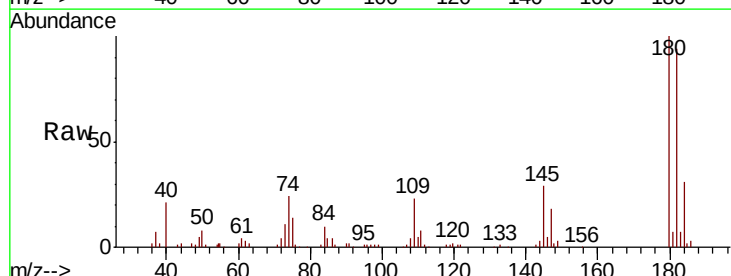


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

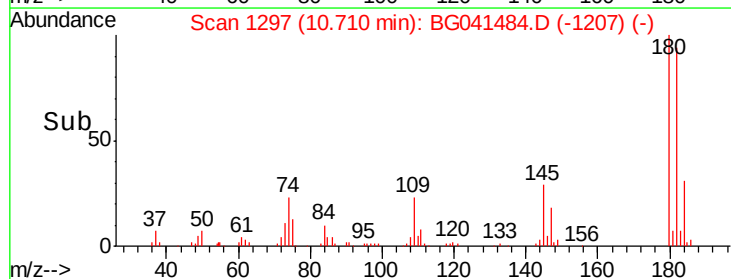
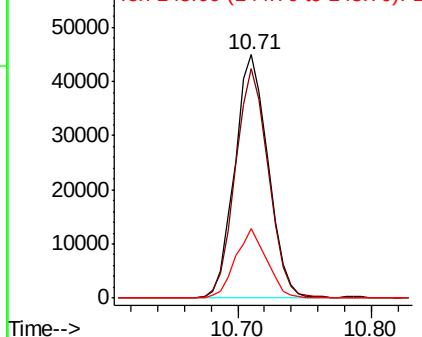


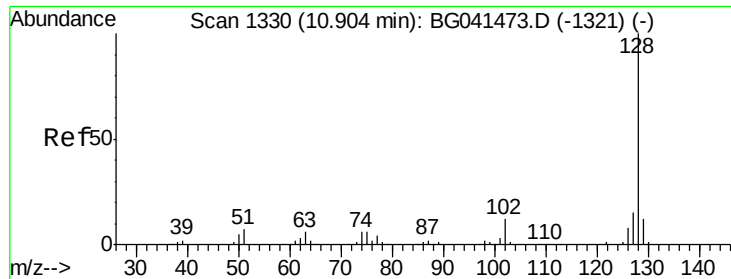
#30
 1,2,4-Trichlorobenzene
 Concen: 29.149 ng
 RT: 10.71 min Scan# 1297
 Delta R.T. -0.00 min
 Lab File: BG041484.D
 Acq: 27 Jun 2019 10:34

Tgt Ion:180	Resp:	77886
Ion Ratio	Lower	Upper
180	100	
182	94.3	79.9 119.9
145	28.6	24.7 37.1



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

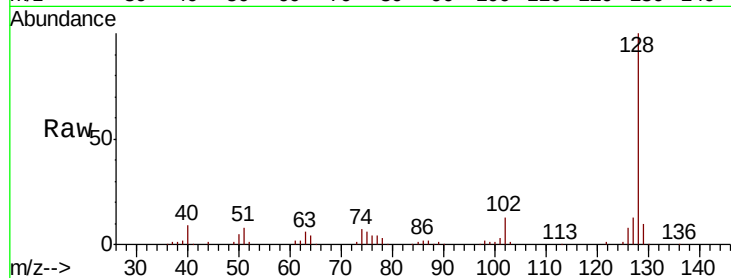




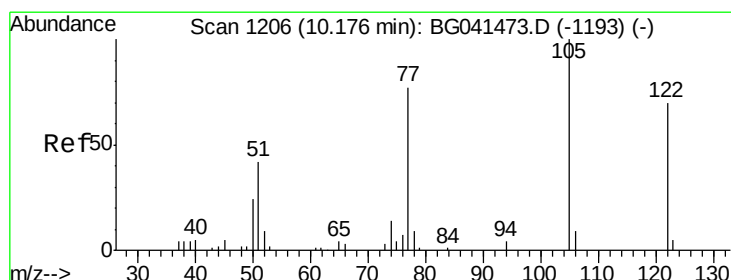
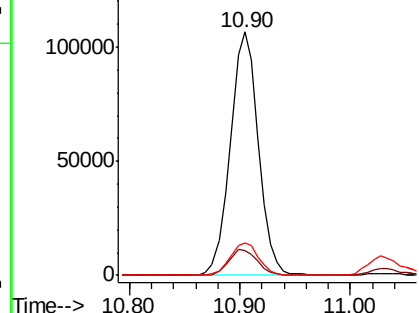
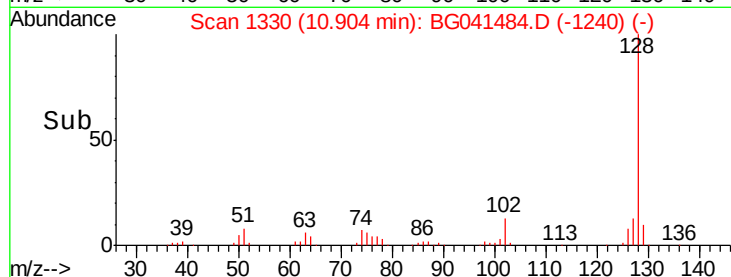
#31
Naphthalene
Concen: 31.042 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG041484.D
Acq: 27 Jun 2019 10:34

Instrument :
BNA_G
ClientSampleId :
B-2(9-10)MSD

Tot Ion:128 Resp: 189418
Ion Ratio Lower Upper
128 100
129 10.0 9.7 14.5
127 13.4 11.6 17.4

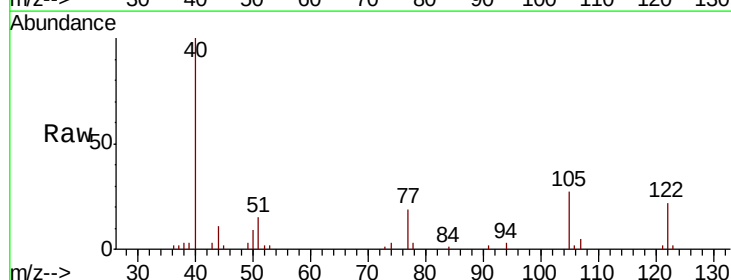


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

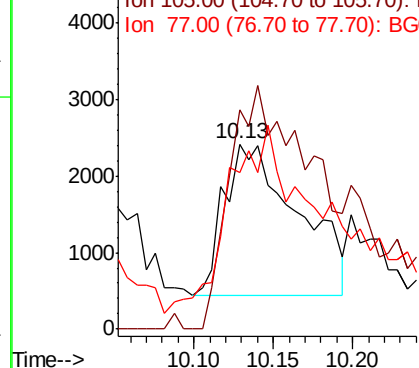
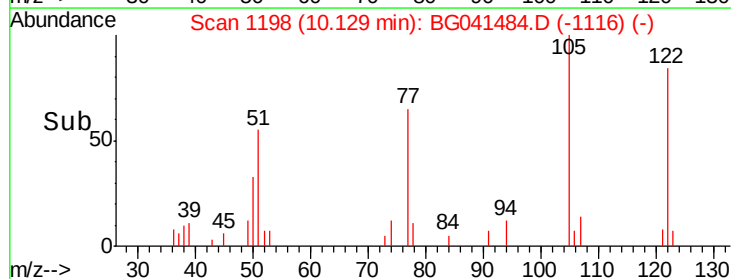


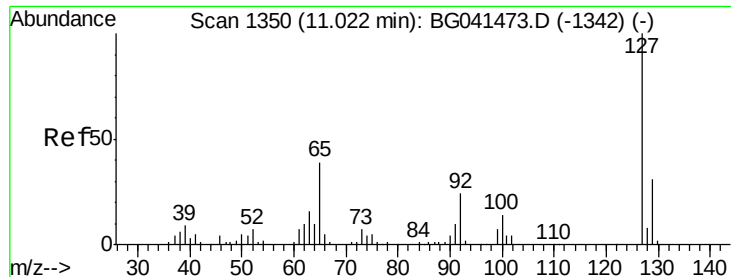
#32
Benzoic acid
Concen: 12.692 ng
RT: 10.13 min Scan# 1198
Delta R.T. -0.05 min
Lab File: BG041484.D
Acq: 27 Jun 2019 10:34

Tgt Ion:122 Resp: 6411
Ion Ratio Lower Upper
122 100
105 118.6 117.8 157.8
77 84.7 88.9 128.9#



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

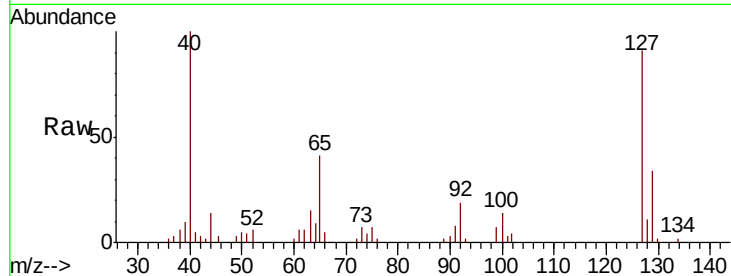




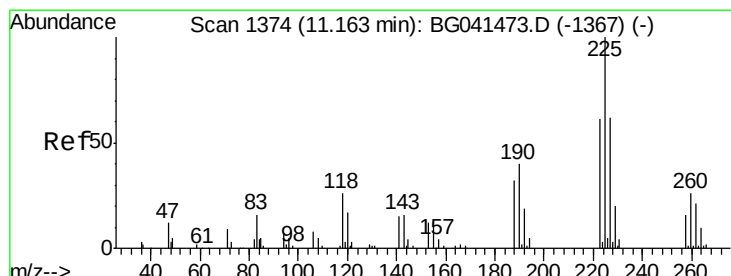
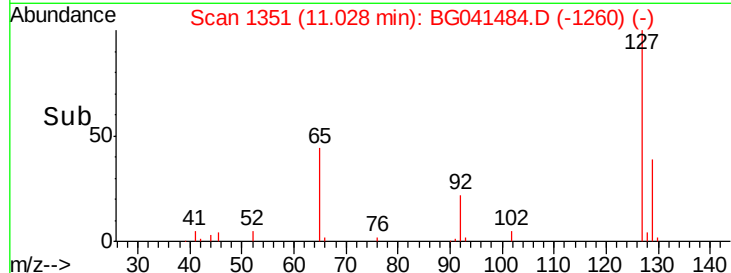
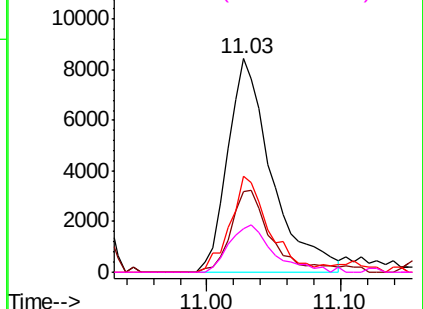
#33
4-Chloroaniline
Concen: 7.550 ng
RT: 11.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BG041484.D
Acq: 27 Jun 2019 10:34

Instrument :
BNA_G
ClientSampleId :
B-2(9-10)MSD

Tot Ion:127 Resp: 19394
Ion Ratio Lower Upper
127 100
129 37.5 24.6 37.0#
65 45.0 31.5 47.3
92 20.7 18.9 28.3

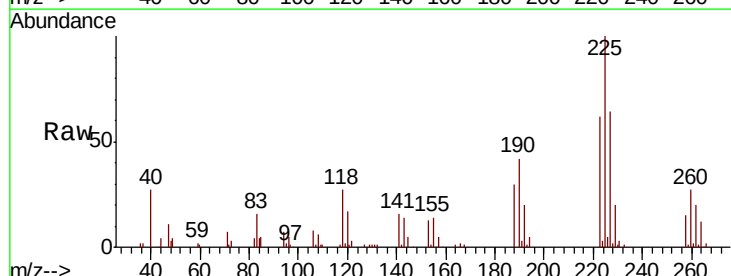


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

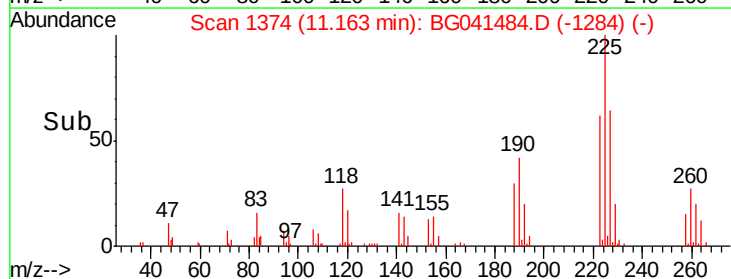
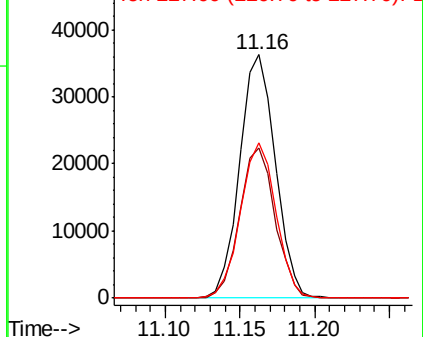


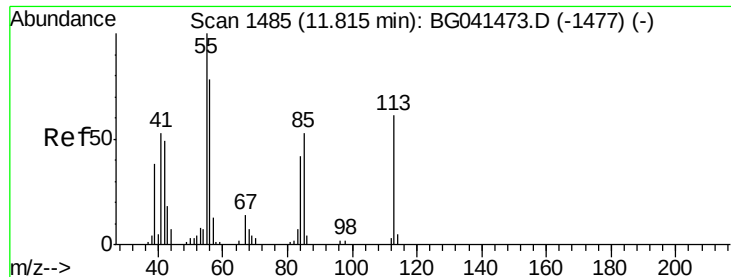
#34
Hexachlorobutadiene
Concen: 28.359 ng
RT: 11.16 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BG041484.D
Acq: 27 Jun 2019 10:34

Tgt Ion:225 Resp: 60151
Ion Ratio Lower Upper
225 100
223 61.7 48.6 72.8
227 66.3 49.3 73.9



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





#35

Caprolactam

Concen: 32.840 ng

RT: 11.81 min Scan# 1484

Delta R.T. -0.01 min

Lab File: BG041484.D

Acq: 27 Jun 2019 10:34

Instrument :

BNA_G

ClientSampleId :

B-2(9-10)MSD

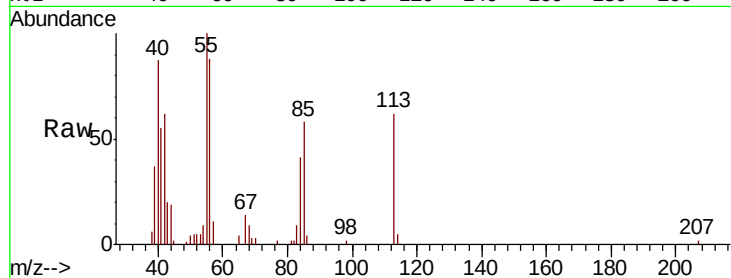
Tot Ion:113 Resp: 21377

Ion Ratio Lower Upper

113 100

55 162.6 145.1 185.1

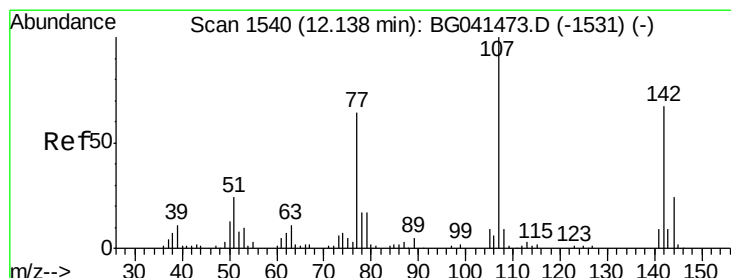
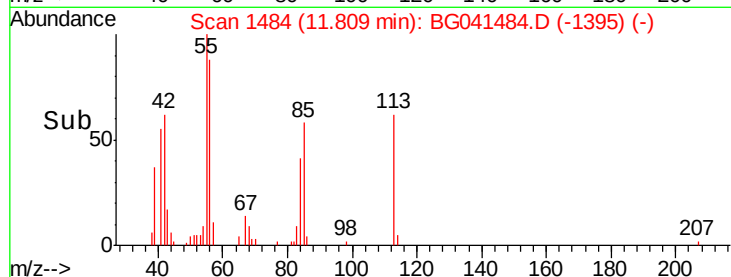
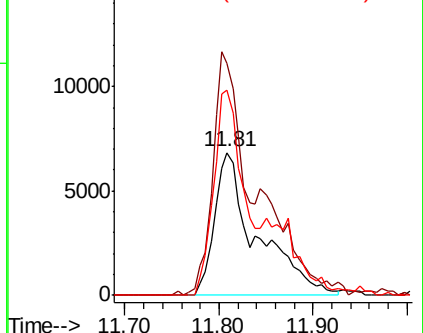
56 143.6 109.4 149.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 33.243 ng

RT: 12.14 min Scan# 1540

Delta R.T. -0.00 min

Lab File: BG041484.D

Acq: 27 Jun 2019 10:34

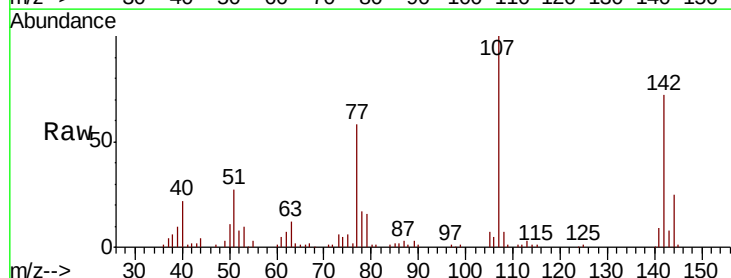
Tgt Ion:107 Resp: 75089

Ion Ratio Lower Upper

107 100

144 24.9 19.4 29.0

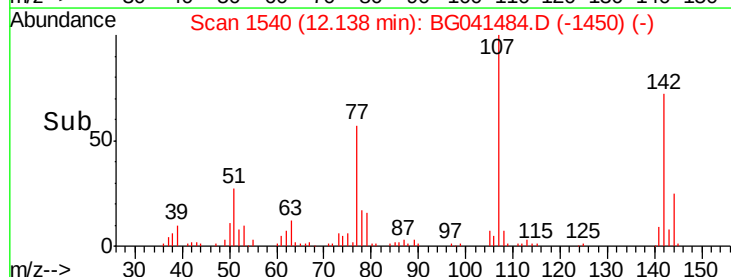
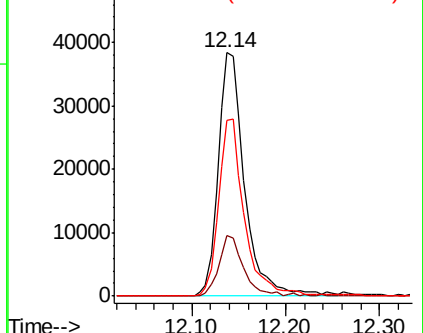
142 72.3 53.8 80.6

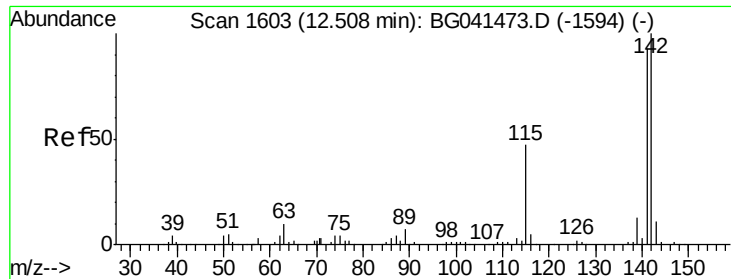


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

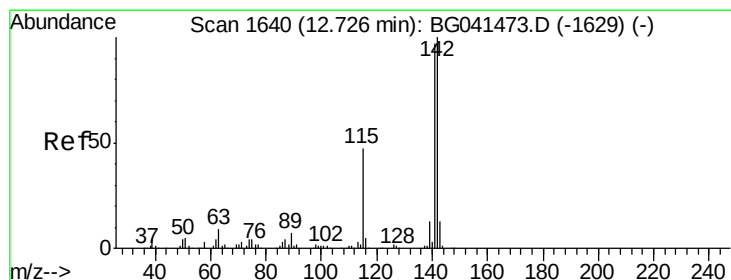
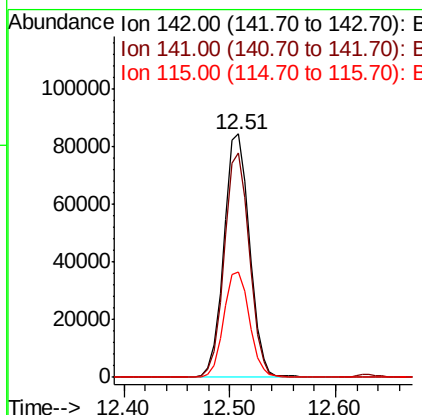
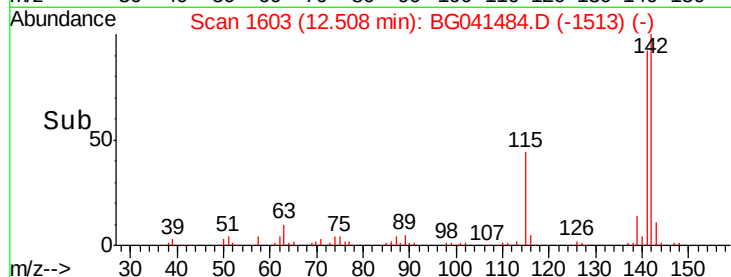
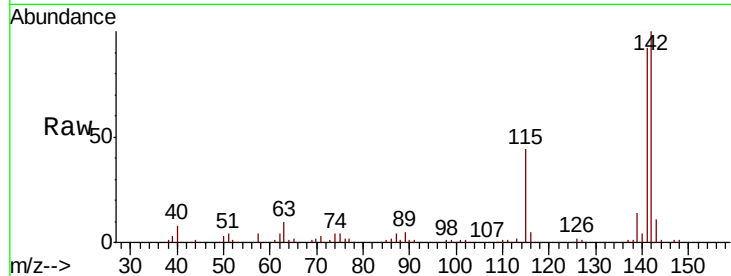




#37
2-Methylnaphthalene
Concen: 31.487 ng
RT: 12.51 min Scan# 1603
Delta R.T. -0.00 min
Lab File: BG041484.D
Acq: 27 Jun 2019 10:34

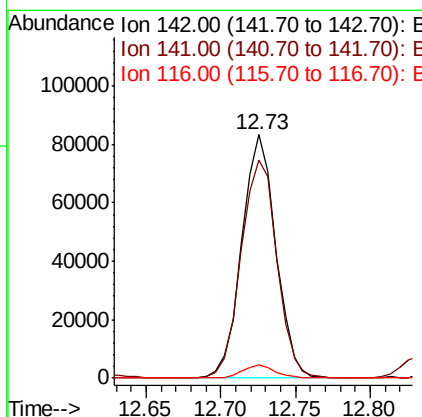
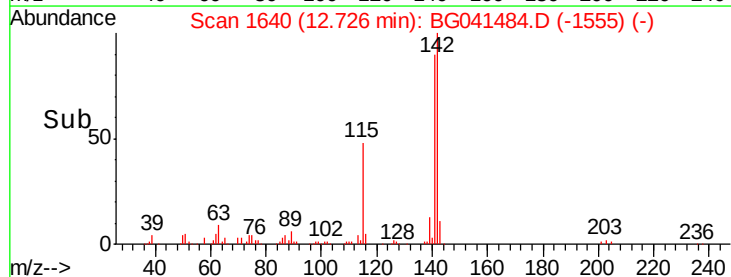
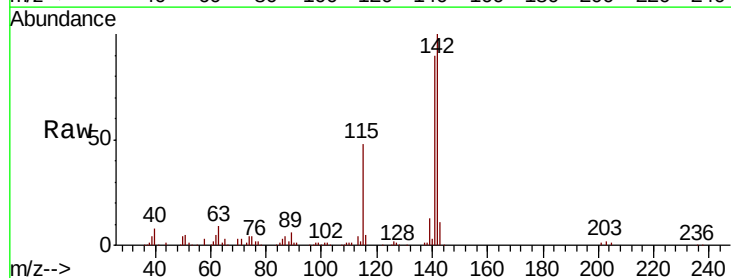
Instrument :
BNA_G
ClientSampleId :
B-2(9-10)MSD

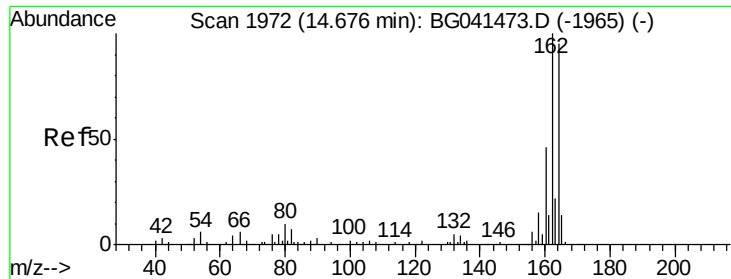
Tot Ion:142 Resp: 141941
Ion Ratio Lower Upper
142 100
141 92.1 74.8 112.2
115 43.5 38.0 57.0



#38
1-Methylnaphthalene
Concen: 30.552 ng
RT: 12.73 min Scan# 1640
Delta R.T. -0.00 min
Lab File: BG041484.D
Acq: 27 Jun 2019 10:34

Tgt Ion:142 Resp: 131397
Ion Ratio Lower Upper
142 100
141 89.7 77.4 116.2
116 5.4 3.8 5.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1972

Delta R.T. -0.00 min

Lab File: BG041484.D

Acq: 27 Jun 2019 10:34

Instrument :

BNA_G

ClientSampleId :

B-2(9-10)MSD

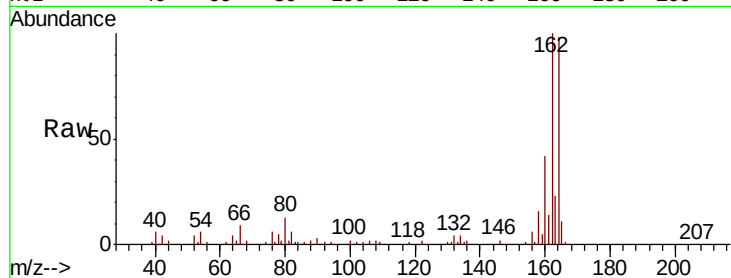
Tot Ion:164 Resp: 80323

Ion Ratio Lower Upper

164 100

162 102.0 84.4 126.6

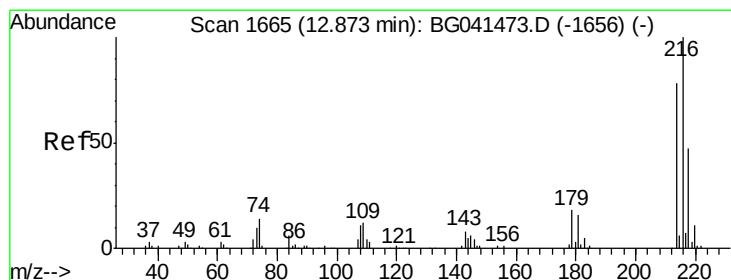
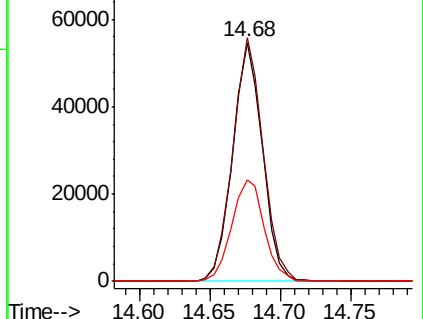
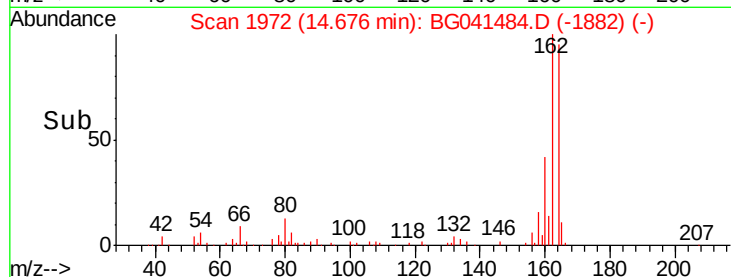
160 42.5 38.8 58.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 30.394 ng

RT: 12.87 min Scan# 1665

Delta R.T. -0.00 min

Lab File: BG041484.D

Acq: 27 Jun 2019 10:34

Tgt Ion:216 Resp: 107499

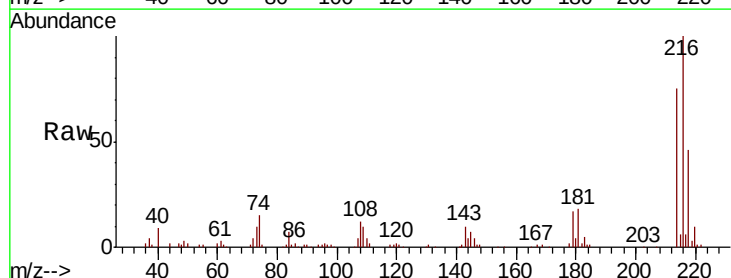
Ion Ratio Lower Upper

216 100

214 78.1 63.4 95.2

179 18.2 15.1 22.7

108 15.6 11.7 17.5

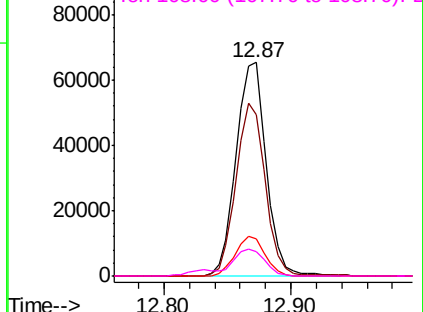
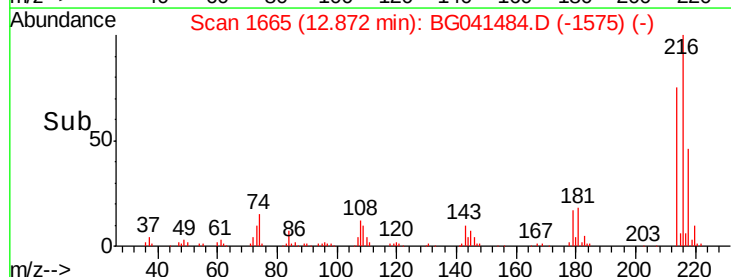


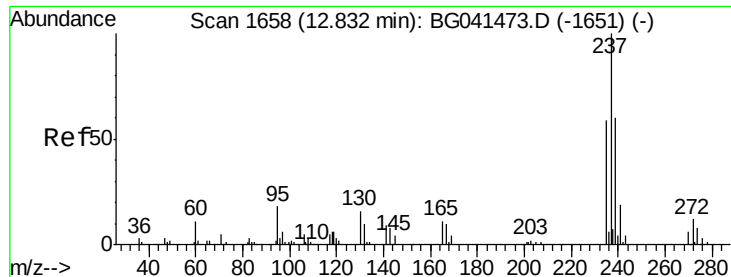
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 53.461 ng

RT: 12.83 min Scan# 1658

Delta R.T. 0.00 min

Lab File: BG041484.D

Acq: 27 Jun 2019 10:34

Instrument :

BNA_G

ClientSampleId :

B-2(9-10)MSD

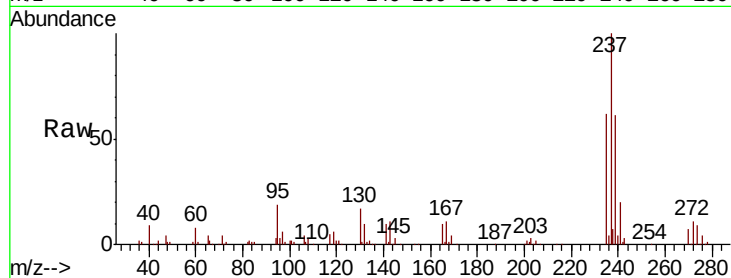
Tot Ion:237 Resp: 100158

Ion	Ratio	Lower	Upper
237	100		
235	61.8	39.1	79.1
272	10.6	0.0	31.5

237 100

235 61.8 39.1 79.1

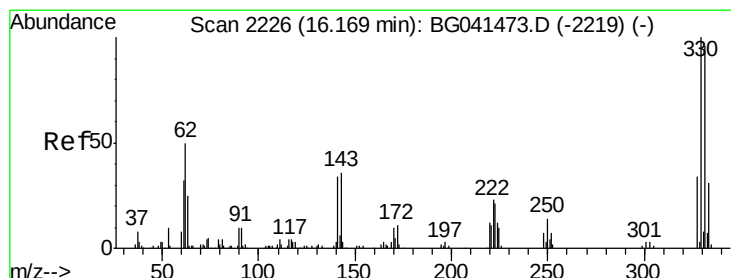
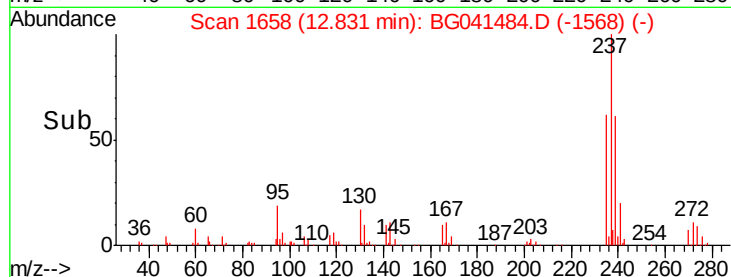
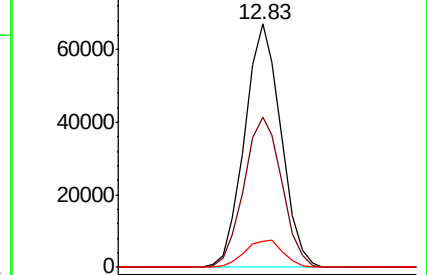
272 10.6 0.0 31.5



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 98.652 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.00 min

Lab File: BG041484.D

Acq: 27 Jun 2019 10:34

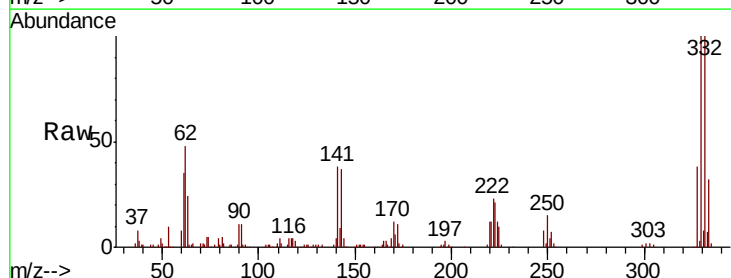
Tgt Ion:330 Resp: 135297

Ion	Ratio	Lower	Upper
330	100		
332	97.8	75.5	113.3
141	35.1	27.8	41.6

330 100

332 97.8 75.5 113.3

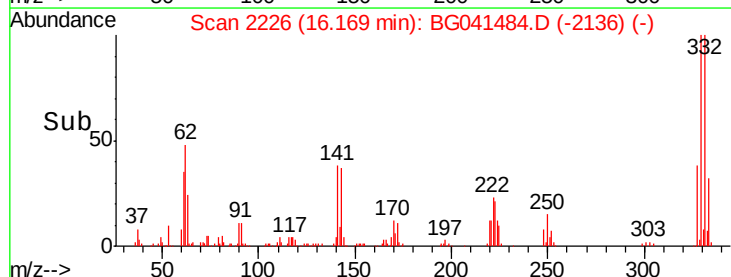
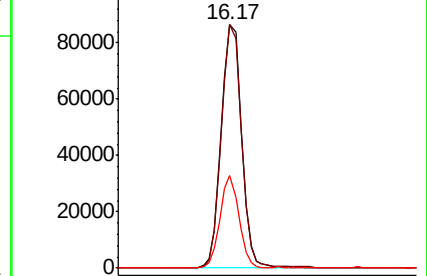
141 35.1 27.8 41.6

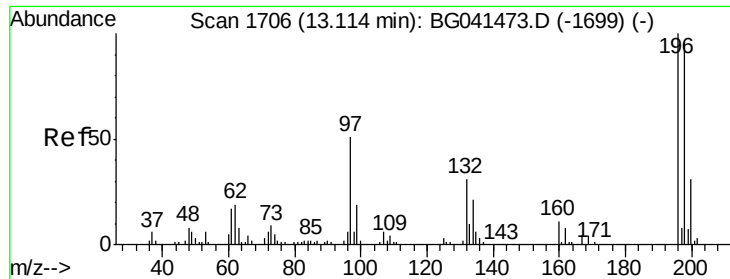


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

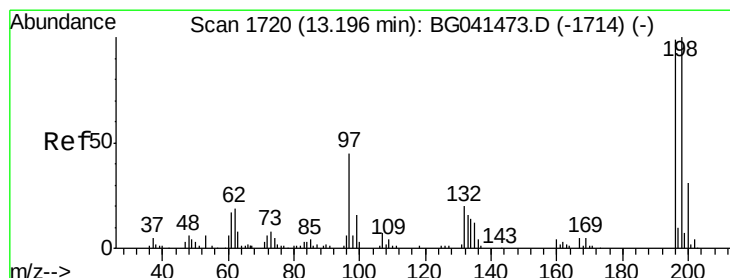
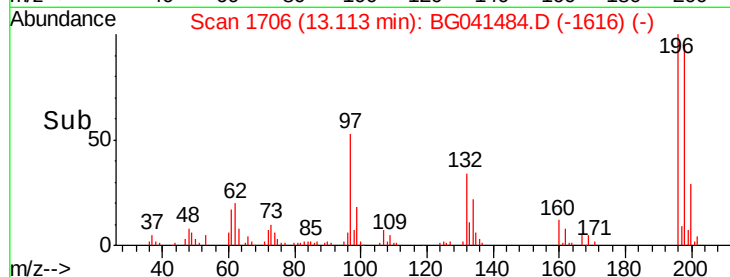
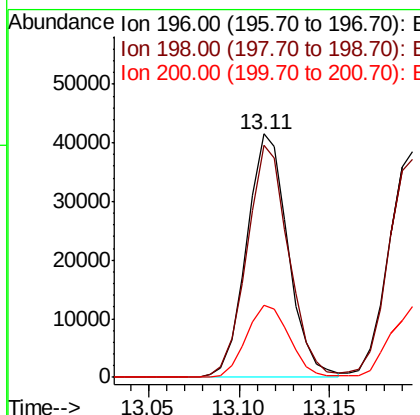
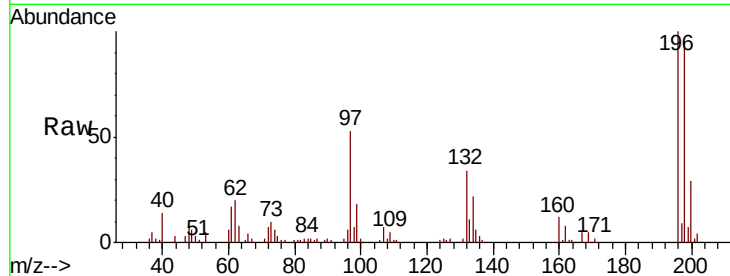




#43
 2,4,6-Trichlorophenol
 Concen: 31.445 ng
 RT: 13.11 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: BG041484.D
 Acq: 27 Jun 2019 10:34

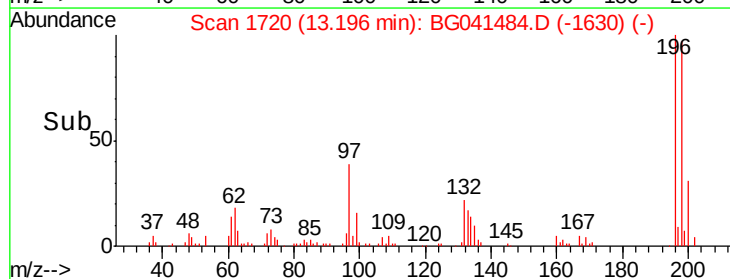
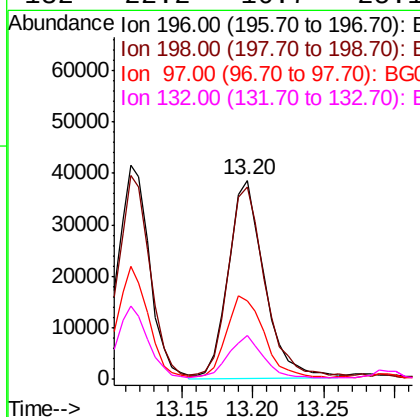
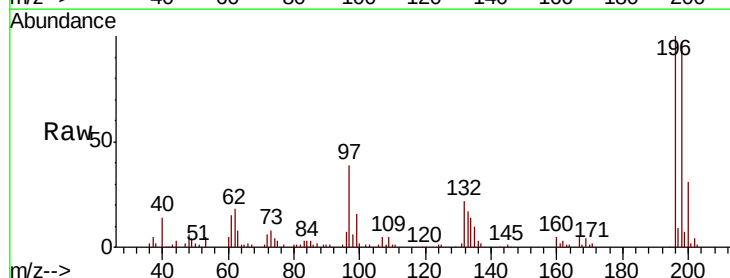
Instrument :
 BNA_G
 ClientSampled :
 B-2(9-10)MSD

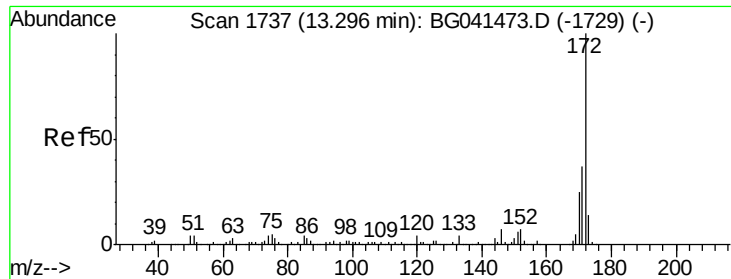
Tot Ion:196 Resp: 65987
 Ion Ratio Lower Upper
 196 100
 198 95.3 76.7 115.1
 200 29.5 24.4 36.6



#44
 2,4,5-Trichlorophenol
 Concen: 33.121 ng
 RT: 13.20 min Scan# 1720
 Delta R.T. -0.00 min
 Lab File: BG041484.D
 Acq: 27 Jun 2019 10:34

Tgt Ion:196 Resp: 69243
 Ion Ratio Lower Upper
 196 100
 198 96.6 80.5 120.7
 97 39.3 36.5 54.7
 132 22.2 16.7 25.1

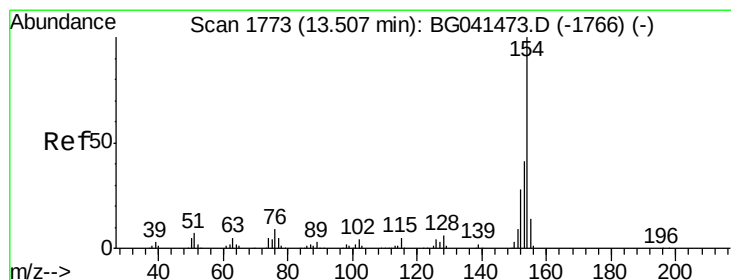
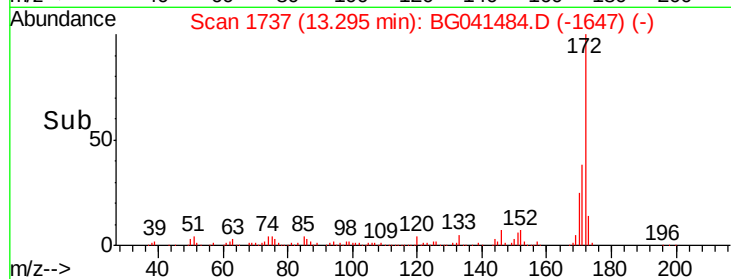
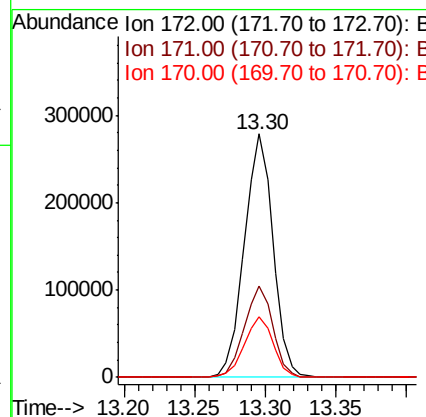
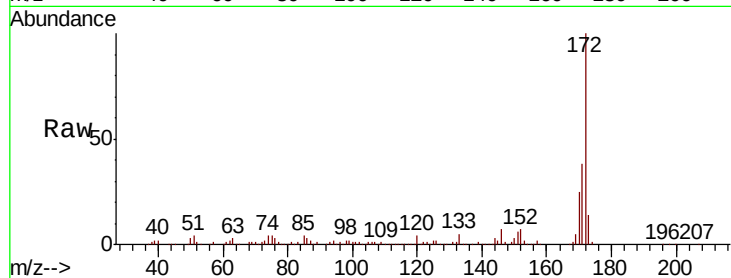




#45
2-Fluorobiphenyl
Concen: 63.301 ng
RT: 13.30 min Scan# 1737
Delta R.T. -0.00 min
Lab File: BG041484.D
Acq: 27 Jun 2019 10:34

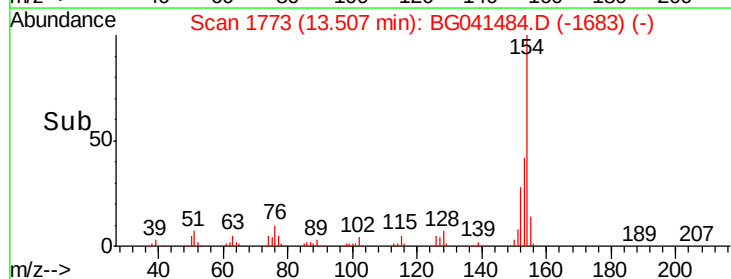
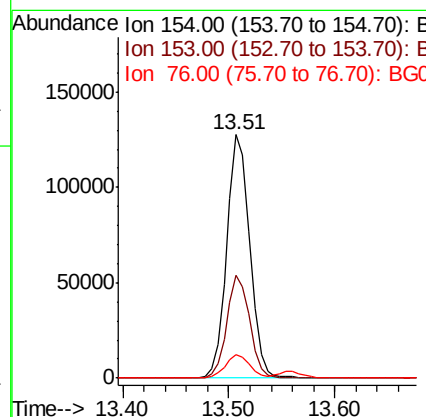
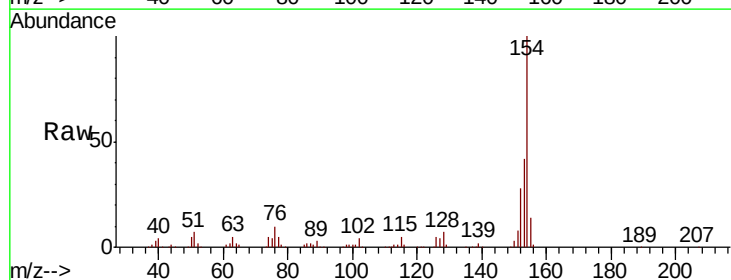
Instrument :
BNA_G
ClientSampleId :
B-2(9-10)MSD

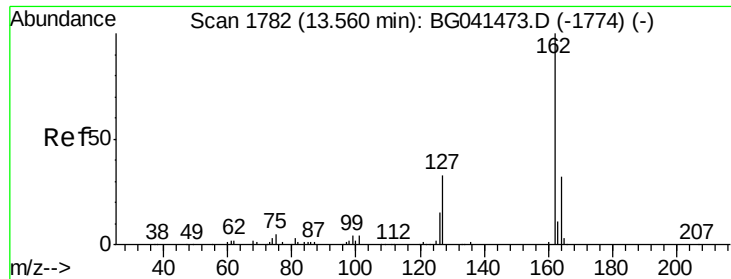
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.6	29.6	44.4
170	24.7	20.0	30.0



#46
1,1'-Biphenyl
Concen: 30.329 ng
RT: 13.51 min Scan# 1773
Delta R.T. -0.00 min
Lab File: BG041484.D
Acq: 27 Jun 2019 10:34

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.2	20.9	60.9
76	9.8	0.0	29.4

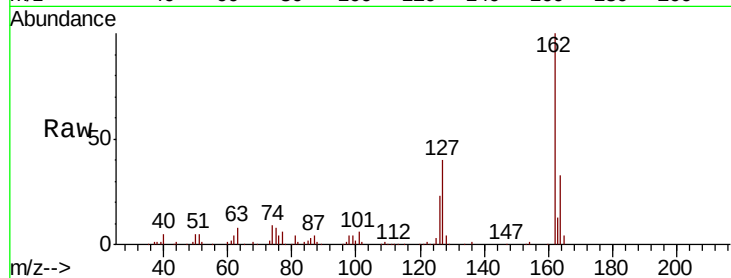




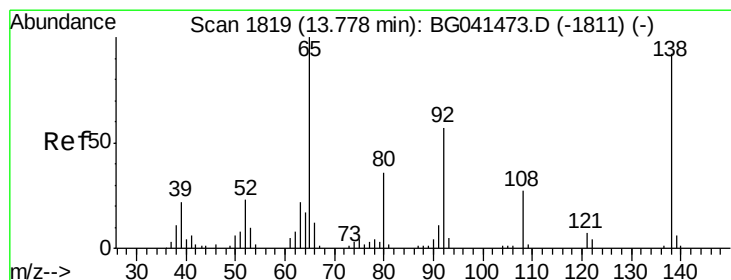
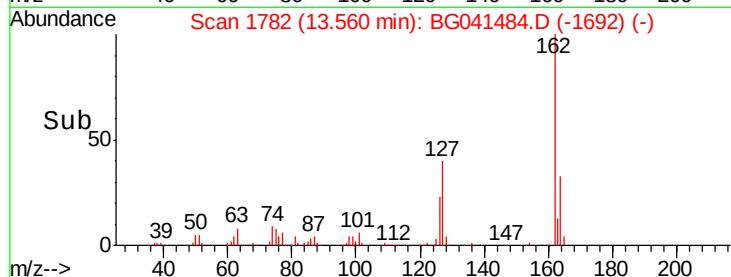
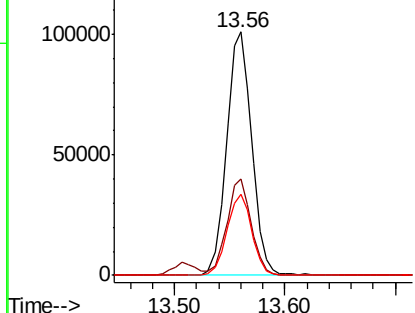
#47
 2-Chloronaphthalene
 Concen: 29.507 ng
 RT: 13.56 min Scan# 1782
 Delta R.T. -0.00 min
 Lab File: BG041484.D
 Acq: 27 Jun 2019 10:34

Instrument :
 BNA_G
 ClientSampleId :
 B-2(9-10)MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.6	30.0	45.0
164	33.4	25.8	38.6

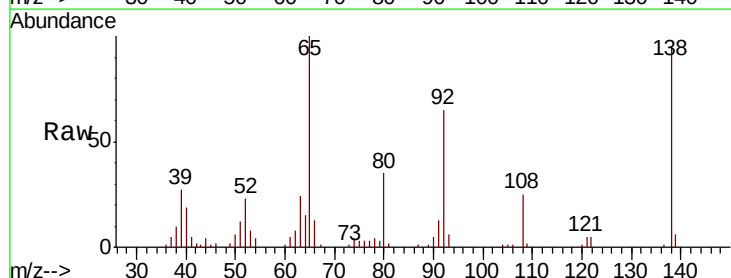


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

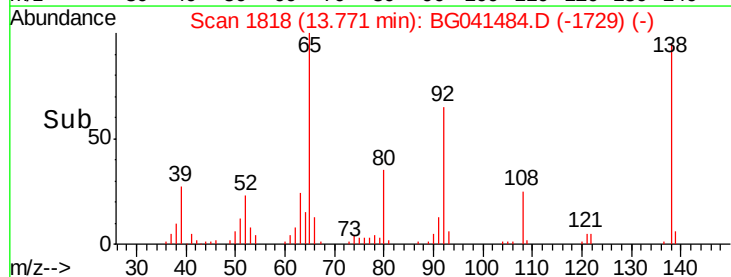
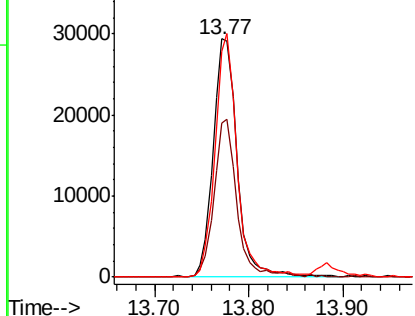


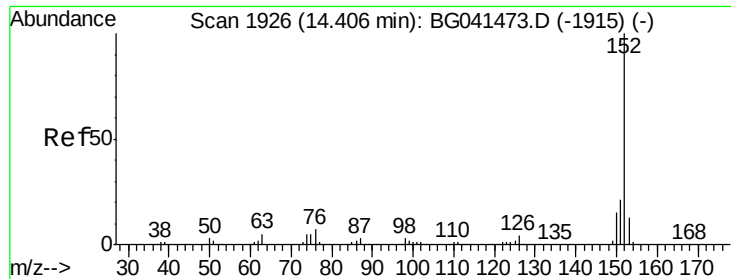
#48
 2-Nitroaniline
 Concen: 28.525 ng
 RT: 13.77 min Scan# 1818
 Delta R.T. -0.01 min
 Lab File: BG041484.D
 Acq: 27 Jun 2019 10:34

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.9	45.9	68.9
138	94.7	73.4	110.2



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





#49

Acenaphthylene

Concen: 30.961 ng

RT: 14.41 min Scan# 1926

Delta R.T. -0.00 min

Lab File: BG041484.D

Acq: 27 Jun 2019 10:34

Instrument :

BNA_G

ClientSampleId :

B-2(9-10)MSD

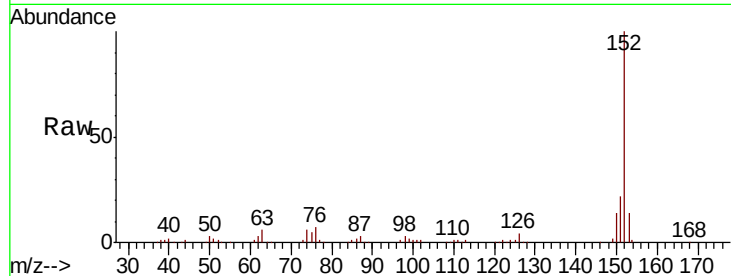
Tot Ion:152 Resp: 251918

Ion Ratio Lower Upper

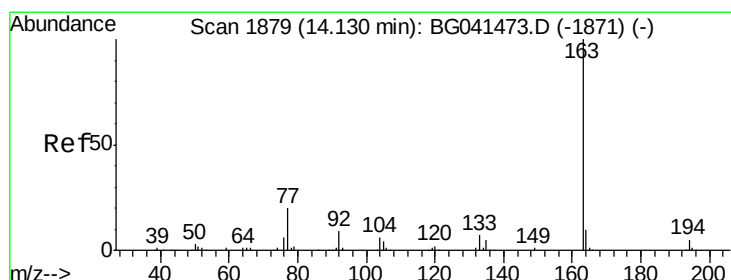
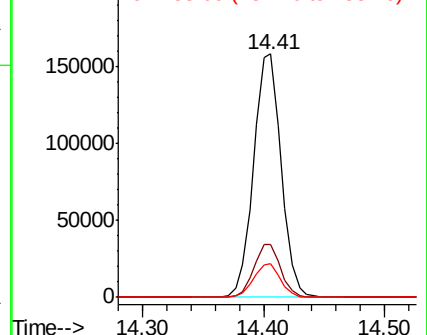
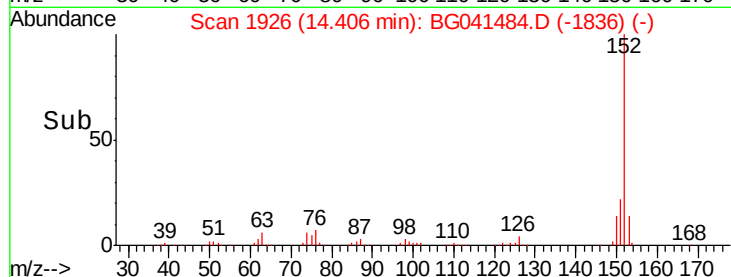
152 100

151 21.7 16.7 25.1

153 13.7 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 37.287 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.00 min

Lab File: BG041484.D

Acq: 27 Jun 2019 10:34

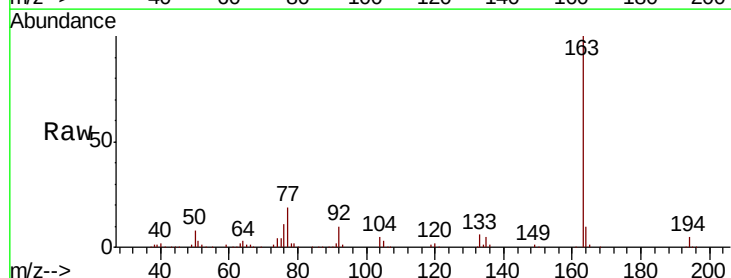
Tgt Ion:163 Resp: 272551

Ion Ratio Lower Upper

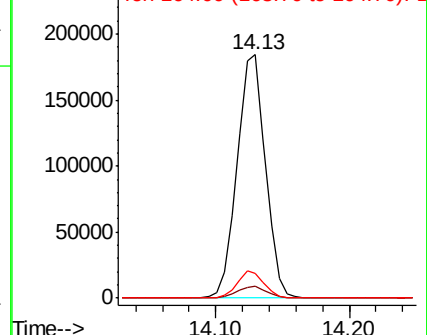
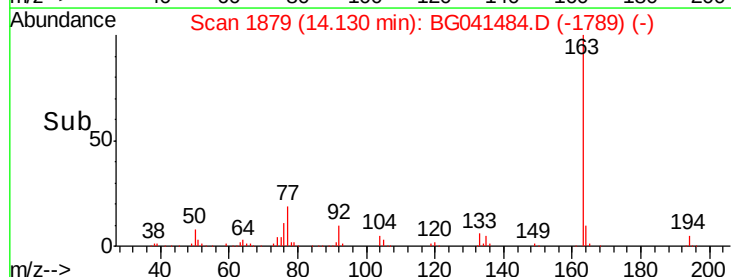
163 100

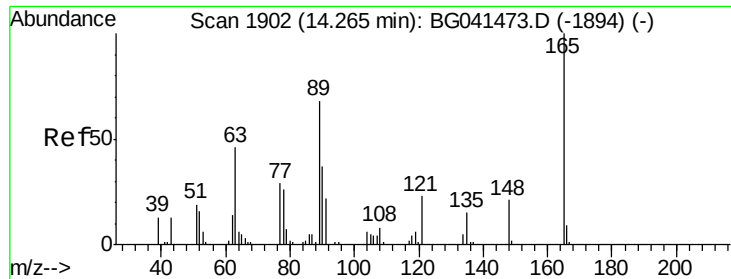
194 5.2 3.7 5.5

164 10.2 7.8 11.6



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





#51

2,6-Dinitrotoluene

Concen: 30.465 ng

RT: 14.26 min Scan# 1901

Delta R.T. -0.01 min

Lab File: BG041484.D

Acq: 27 Jun 2019 10:34

Instrument :

BNA_G

ClientSampleId :

B-2(9-10)MSD

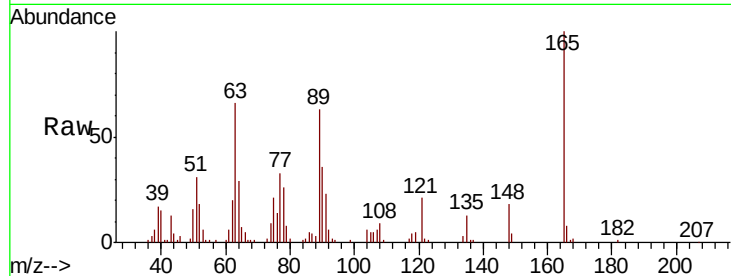
Tot Ion:165 Resp: 47257

Ion Ratio Lower Upper

165 100

63 66.3 56.4 84.6

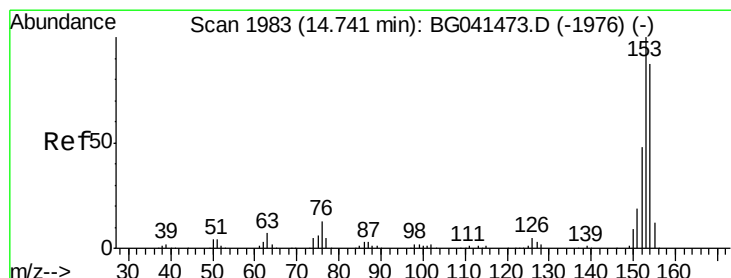
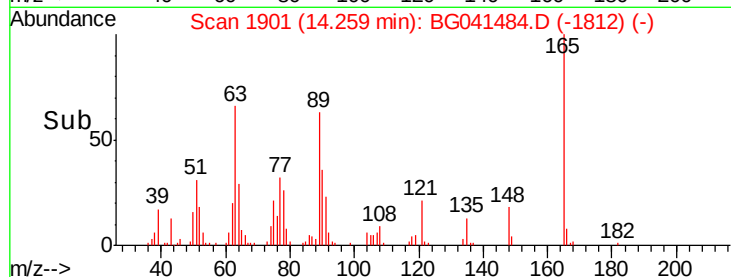
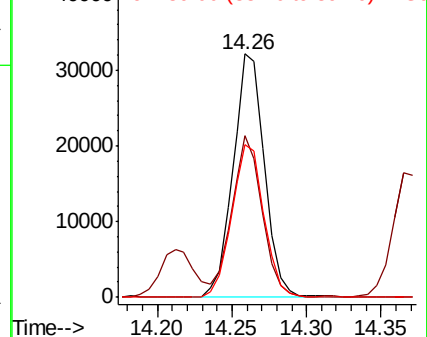
89 62.6 54.6 81.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 29.657 ng

RT: 14.74 min Scan# 1983

Delta R.T. -0.00 min

Lab File: BG041484.D

Acq: 27 Jun 2019 10:34

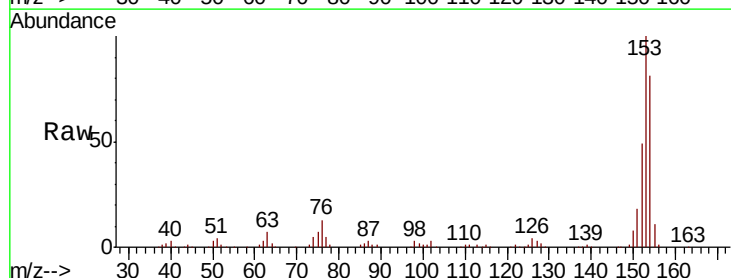
Tgt Ion:154 Resp: 143096

Ion Ratio Lower Upper

154 100

153 124.1 92.2 138.4

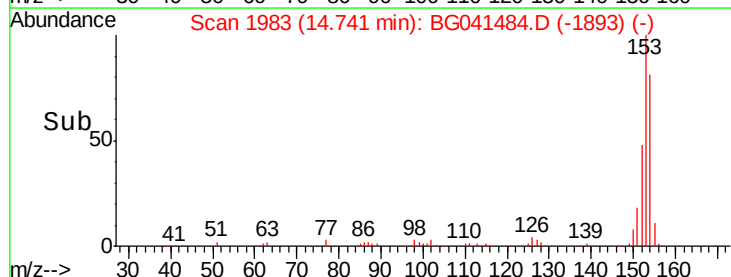
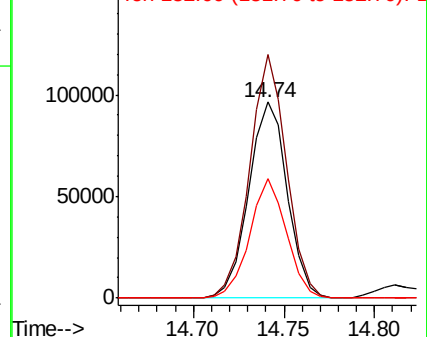
152 61.0 44.1 66.1

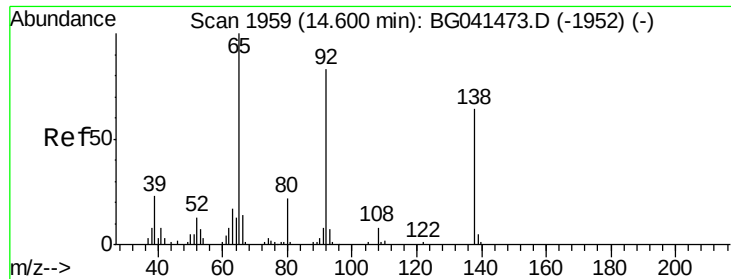


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 14.910 ng

RT: 14.60 min Scan# 1959

Delta R.T. -0.00 min

Lab File: BG041484.D

Acq: 27 Jun 2019 10:34

Instrument :

BNA_G

ClientSampleId :

B-2(9-10)MSD

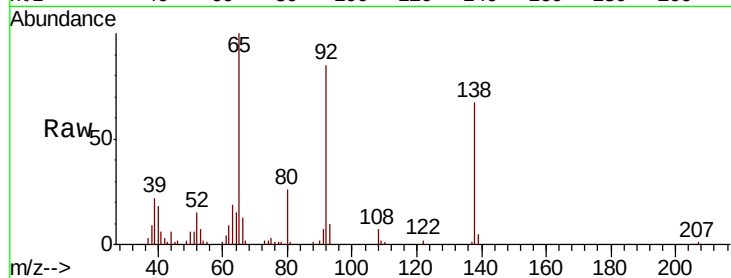
Tot Ion:138 Resp: 22080

Ion Ratio Lower Upper

138 100

108 10.1 9.5 14.3

92 125.7 103.3 154.9

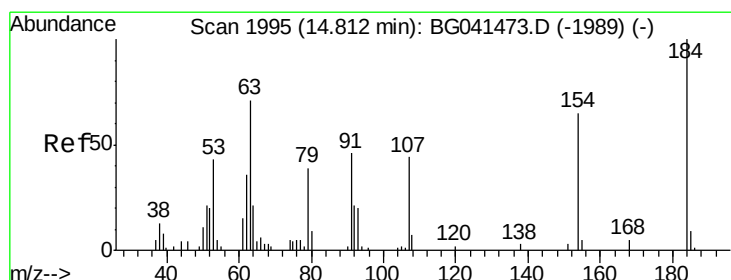
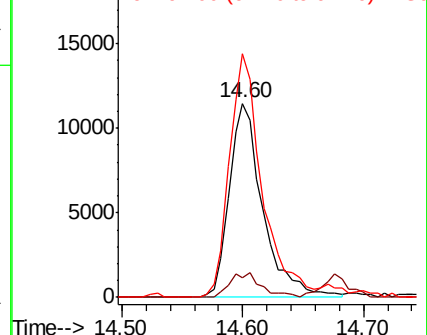
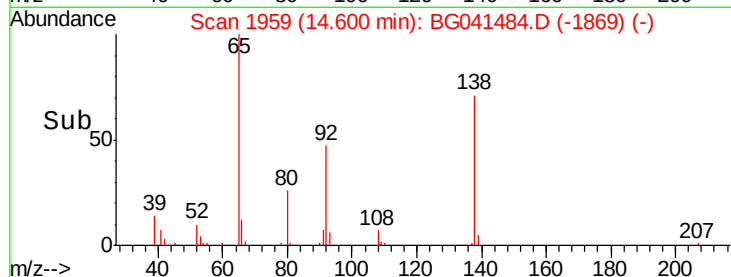


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 26.985 ng

RT: 14.81 min Scan# 1995

Delta R.T. 0.00 min

Lab File: BG041484.D

Acq: 27 Jun 2019 10:34

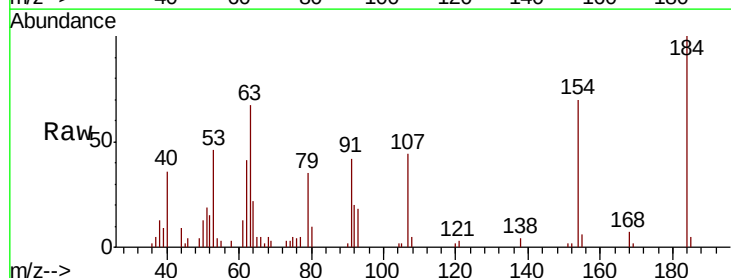
Tgt Ion:184 Resp: 20315

Ion Ratio Lower Upper

184 100

63 66.6 56.5 84.7

154 70.4 54.2 81.4

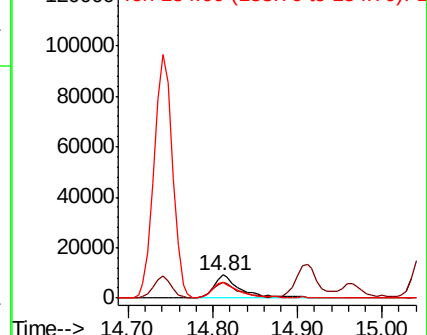
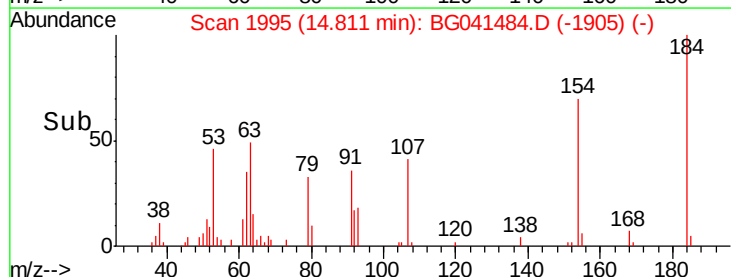


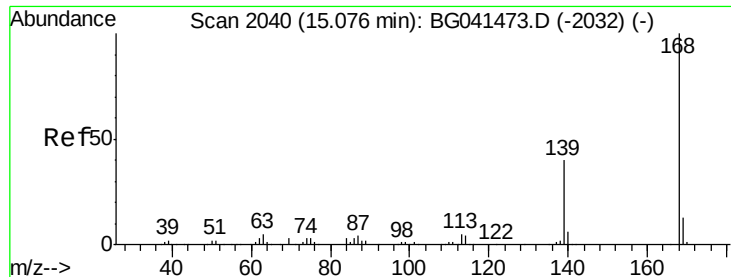
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

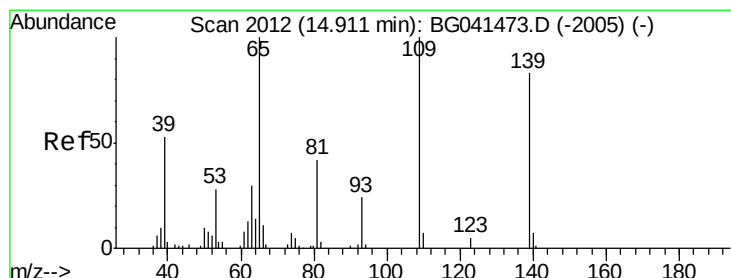
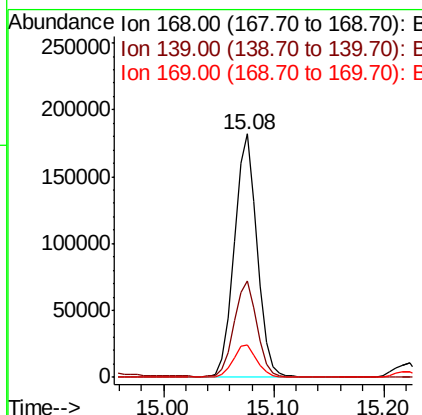
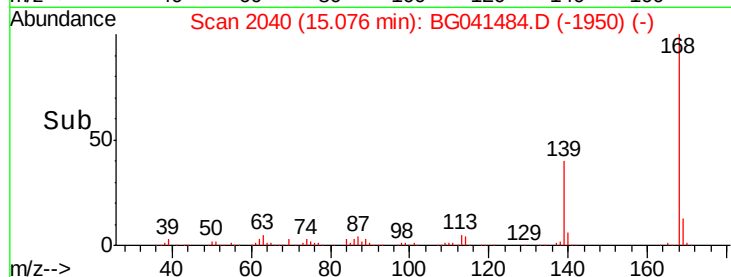
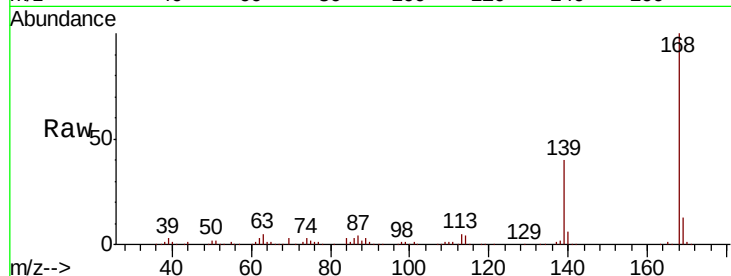




#55
Dibenzenofuran
Concen: 31.349 ng
RT: 15.08 min Scan# 2040
Delta R.T. -0.00 min
Lab File: BG041484.D
Acq: 27 Jun 2019 10:34

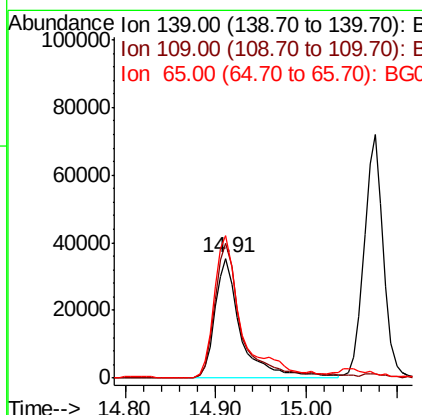
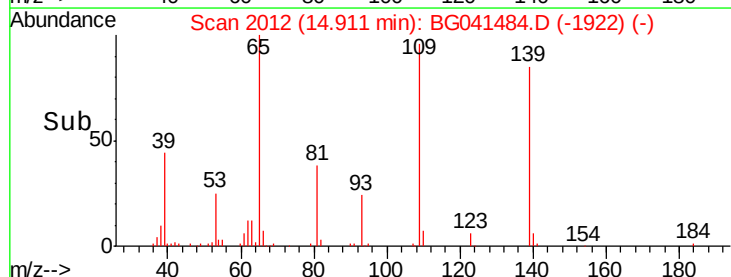
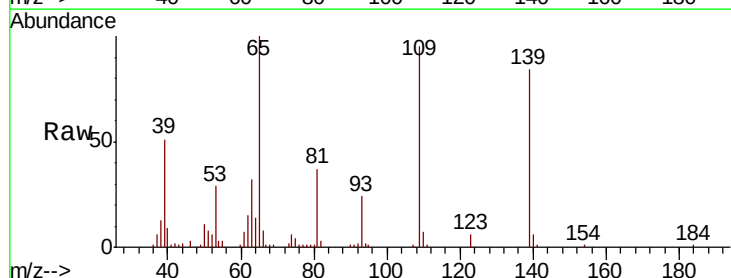
Instrument :
BNA_G
ClientSampleId :
B-2(9-10)MSD

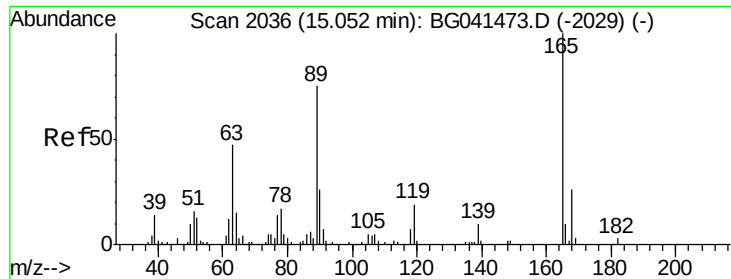
Tot Ion	Ratio	Lower	Upper
168	100		
139	39.5	32.2	48.4
169	13.2	10.6	16.0



#56
4-Nitrophenol
Concen: 73.895 ng
RT: 14.91 min Scan# 2012
Delta R.T. -0.00 min
Lab File: BG041484.D
Acq: 27 Jun 2019 10:34

Tgt Ion	Ratio	Lower	Upper
139	100		
109	112.2	99.9	139.9
65	118.7	100.6	140.6

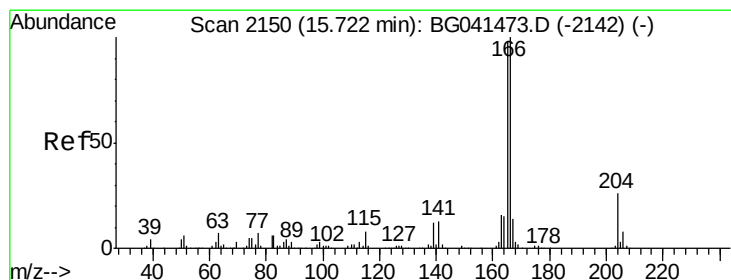
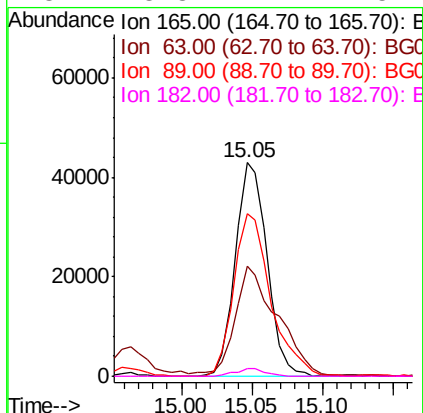
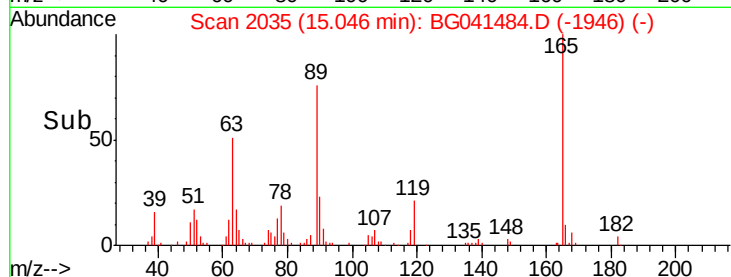
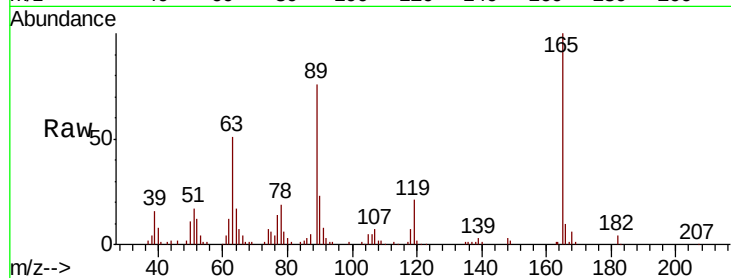




#57
2,4-Dinitrotoluene
Concen: 29.885 ng
RT: 15.05 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BG041484.D
Acq: 27 Jun 2019 10:34

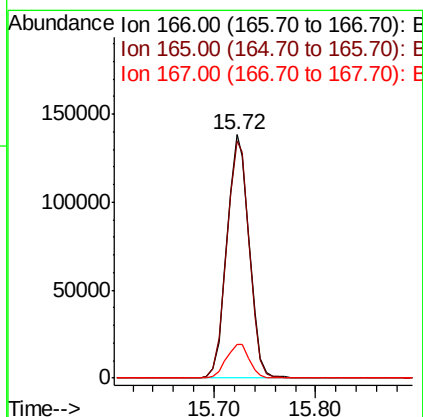
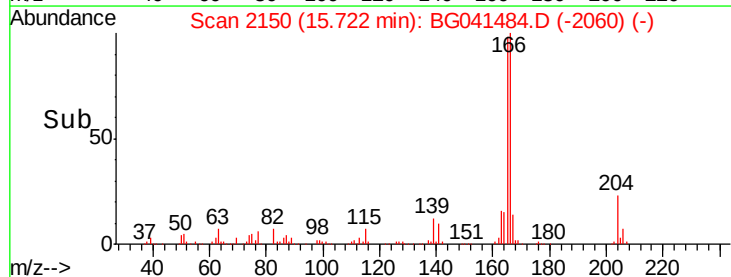
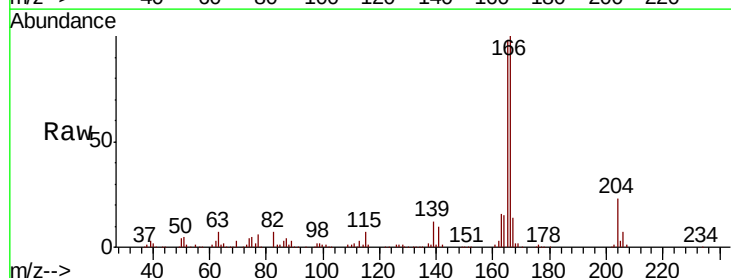
Instrument :
BNA_G
ClientSampleId :
B-2(9-10)MSD

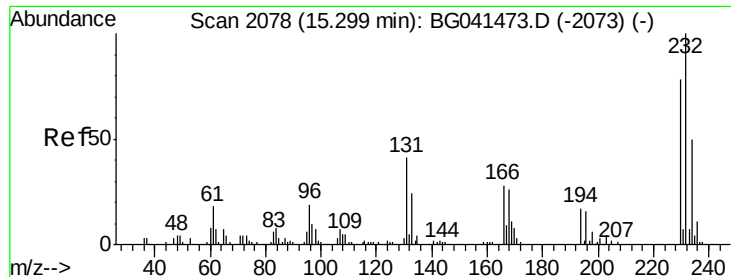
Tot Ion:165 Resp: 67251
Ion Ratio Lower Upper
165 100
63 51.4 38.8 58.2
89 76.1 60.1 90.1
182 3.8 2.2 3.2#



#58
Fluorene
Concen: 31.350 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.00 min
Lab File: BG041484.D
Acq: 27 Jun 2019 10:34

Tgt Ion:166 Resp: 209497
Ion Ratio Lower Upper
166 100
165 97.5 78.6 117.8
167 13.8 11.4 17.0

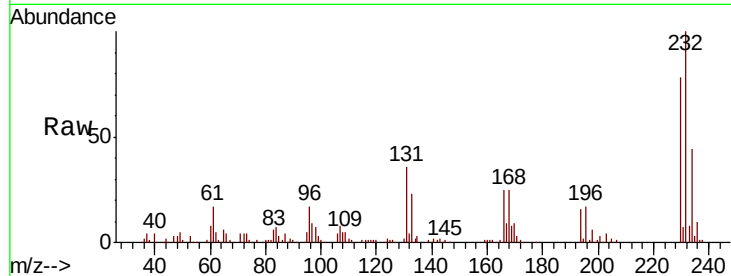




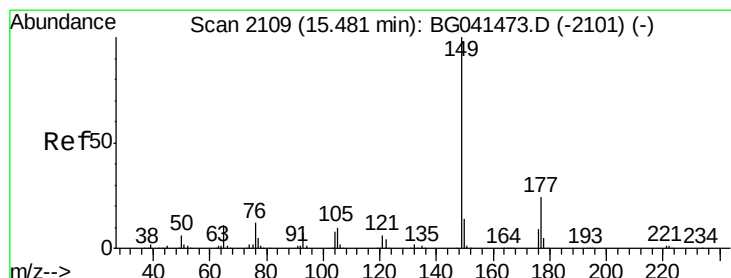
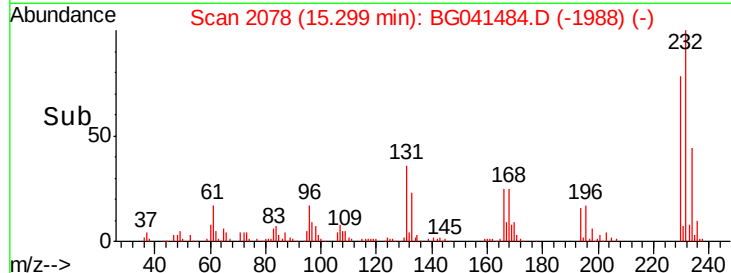
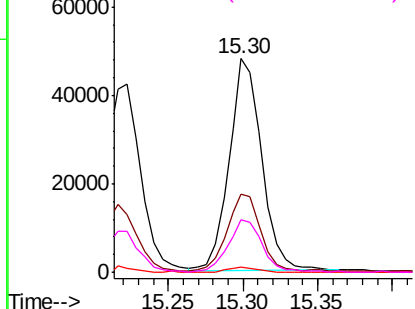
#59
2,3,4,6-Tetrachlorophenol
Concen: 33.247 ng
RT: 15.30 min Scan# 2078
Delta R.T. -0.00 min
Lab File: BG041484.D
Acq: 27 Jun 2019 10:34

Instrument :
BNA_G
ClientSampleId :
B-2(9-10)MSD

Tot Ion:232 Resp: 73274
Ion Ratio Lower Upper
232 100
131 38.1 29.8 44.6
130 2.2 2.0 3.0
166 25.8 20.2 30.2

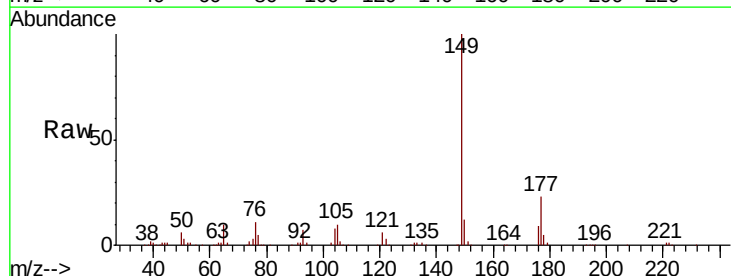


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

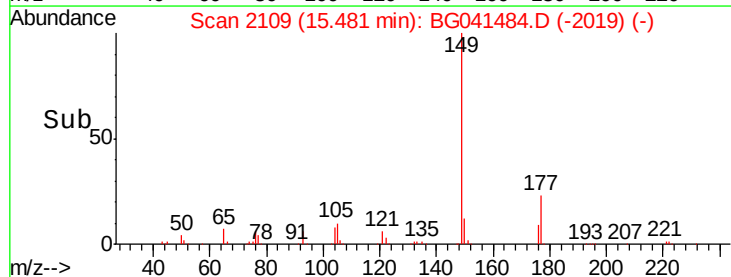
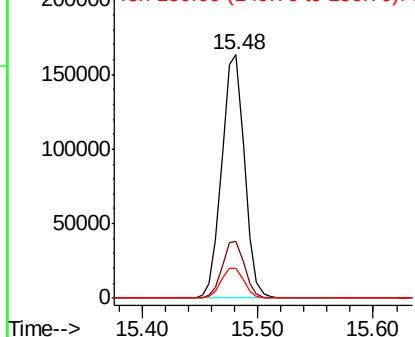


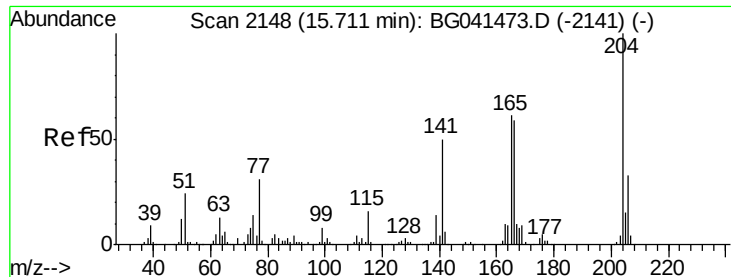
#60
Diethylphthalate
Concen: 29.670 ng
RT: 15.48 min Scan# 2109
Delta R.T. -0.00 min
Lab File: BG041484.D
Acq: 27 Jun 2019 10:34

Tgt Ion:149 Resp: 221996
Ion Ratio Lower Upper
149 100
177 23.4 19.2 28.8
150 12.3 11.2 16.8



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





#61

4-Chlorophenyl-phenylether

Concen: 30.282 ng

RT: 15.71 min Scan# 2148

Delta R.T. -0.00 min

Lab File: BG041484.D

Acq: 27 Jun 2019 10:34

Instrument :

BNA_G

ClientSampleId :

B-2(9-10)MSD

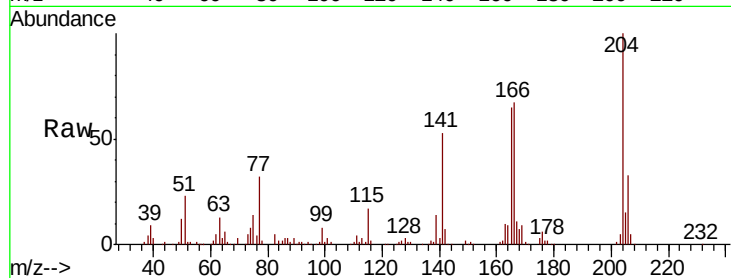
Tot Ion:204 Resp: 130526

Ion Ratio Lower Upper

204 100

206 32.8 26.6 40.0

141 53.2 40.1 60.1

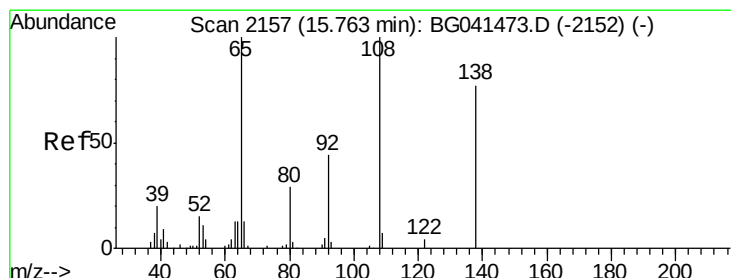
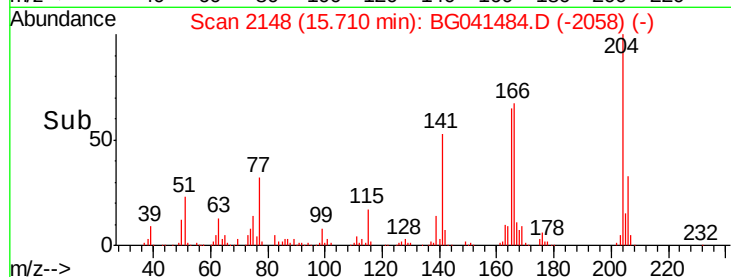
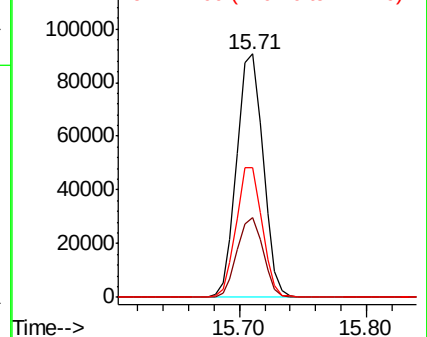


Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 26.763 ng

RT: 15.76 min Scan# 2157

Delta R.T. -0.00 min

Lab File: BG041484.D

Acq: 27 Jun 2019 10:34

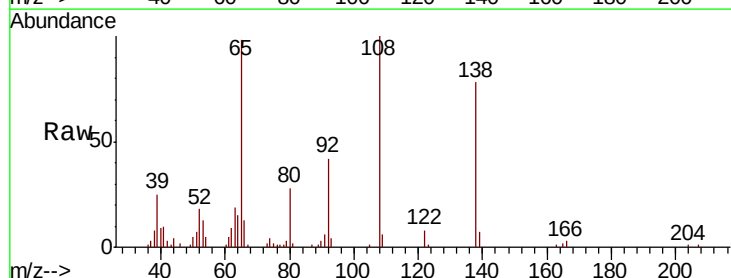
Tgt Ion:138 Resp: 38625

Ion Ratio Lower Upper

138 100

92 54.4 34.9 74.9

108 128.5 105.5 145.5

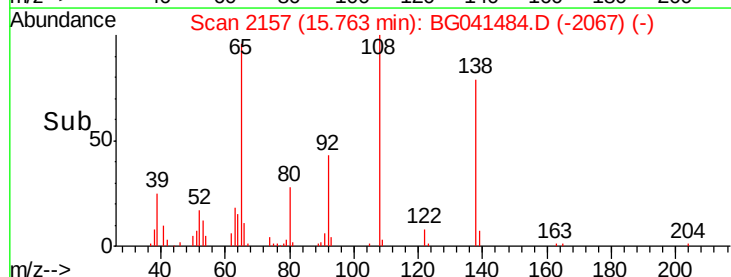
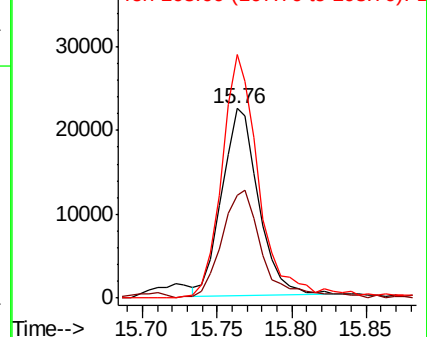


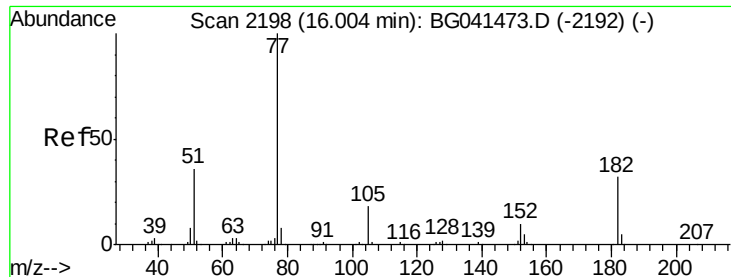
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 31.175 ng

RT: 16.00 min Scan# 2198

Delta R.T. -0.00 min

Lab File: BG041484.D

Acq: 27 Jun 2019 10:34

Instrument :

BNA_G

ClientSampleId :

B-2(9-10)MSD

Tot Ion: 77 Resp: 196662

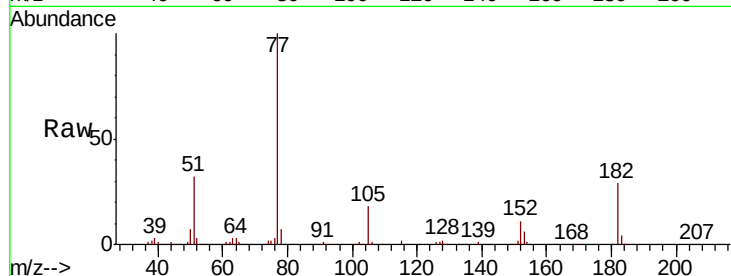
Ion Ratio Lower Upper

77 100

182 29.5 12.2 52.2

105 17.6 0.0 38.1

51 32.0 15.9 55.9

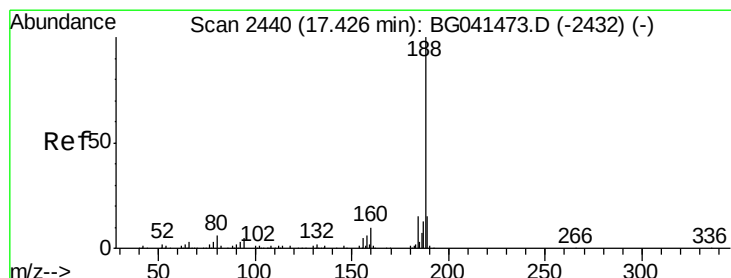
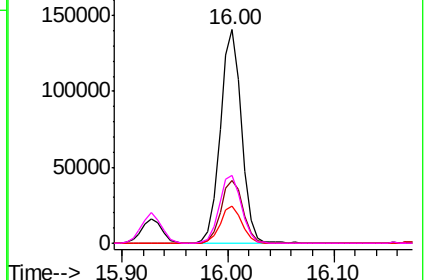
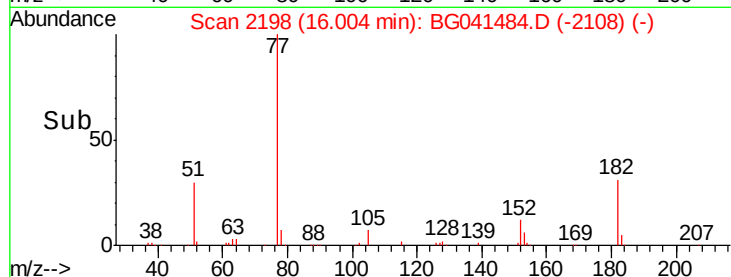


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2440

Delta R.T. -0.00 min

Lab File: BG041484.D

Acq: 27 Jun 2019 10:34

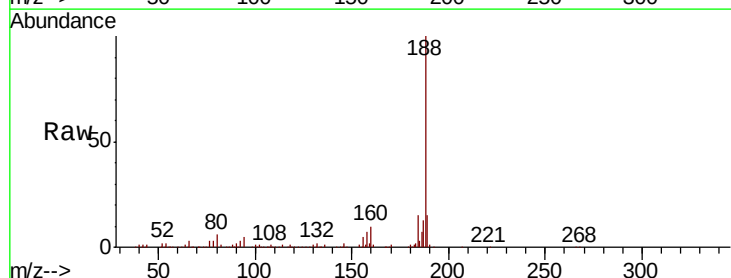
Tgt Ion: 188 Resp: 209569

Ion Ratio Lower Upper

188 100

94 4.7 3.8 5.8

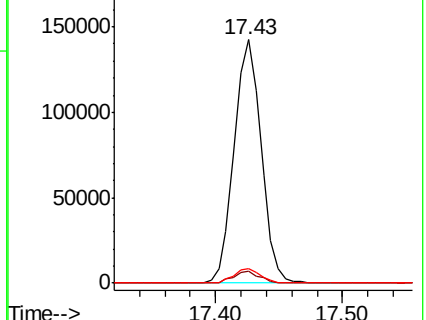
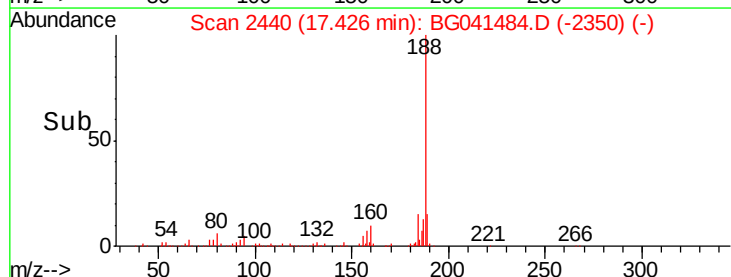
80 5.9 4.8 7.2

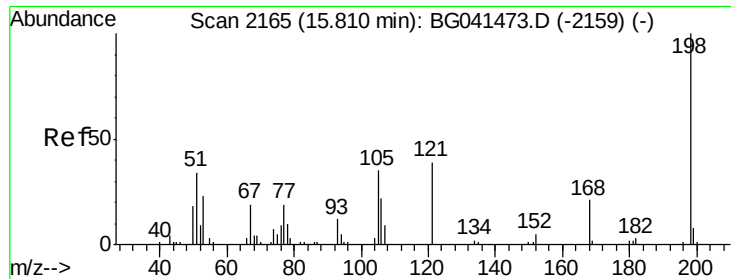


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 21.054 ng

RT: 15.81 min Scan# 2165

Delta R.T. -0.00 min

Lab File: BG041484.D

Acq: 27 Jun 2019 10:34

Instrument :

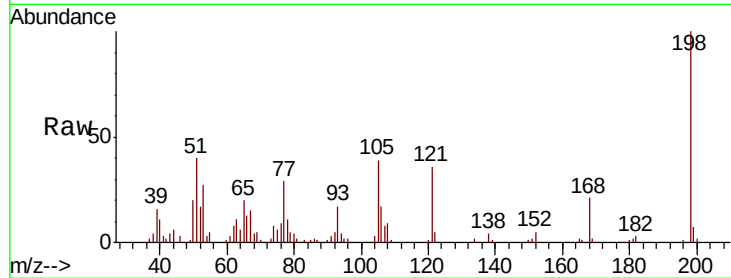
BNA_G

ClientSampleId :

B-2(9-10)MSD

Tot Ion:198 Resp: 27327

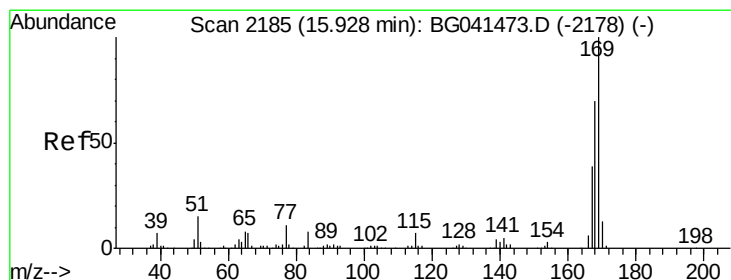
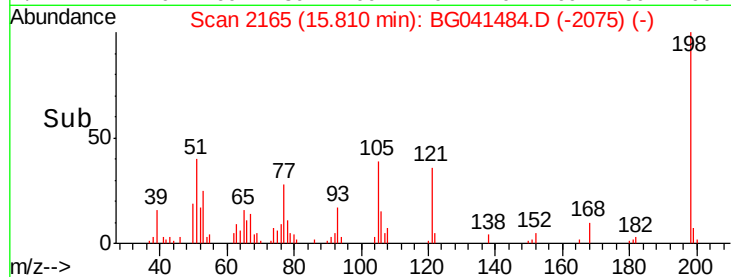
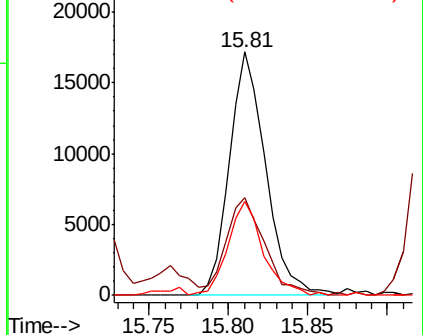
Ion	Ratio	Lower	Upper
198	100		
51	40.0	19.0	59.0
105	38.7	16.1	56.1



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG041473.D (-2159) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 31.892 ng

RT: 15.93 min Scan# 2185

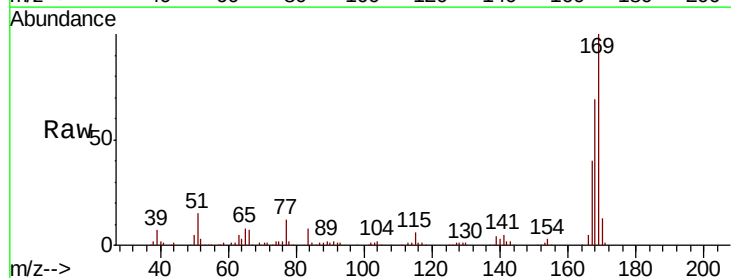
Delta R.T. -0.00 min

Lab File: BG041484.D

Acq: 27 Jun 2019 10:34

Tgt Ion:169 Resp: 183946

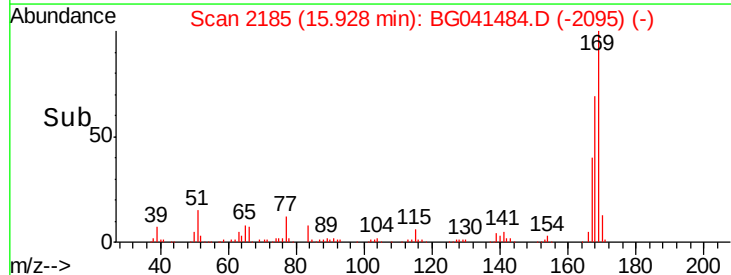
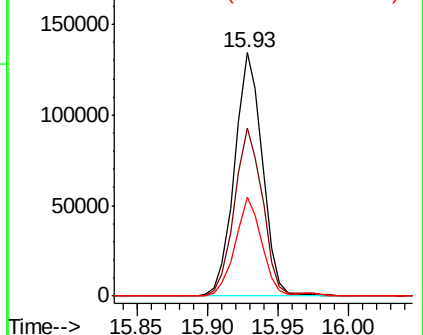
Ion	Ratio	Lower	Upper
169	100		
168	69.0	56.2	84.4
167	40.4	31.0	46.6

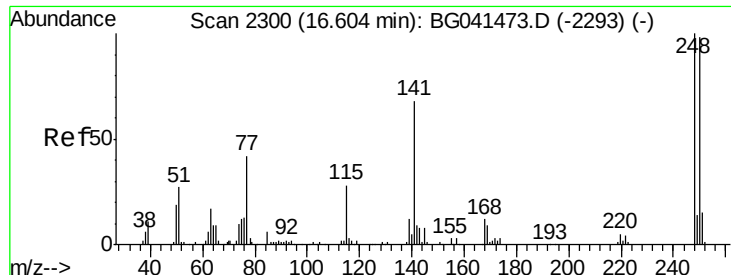


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

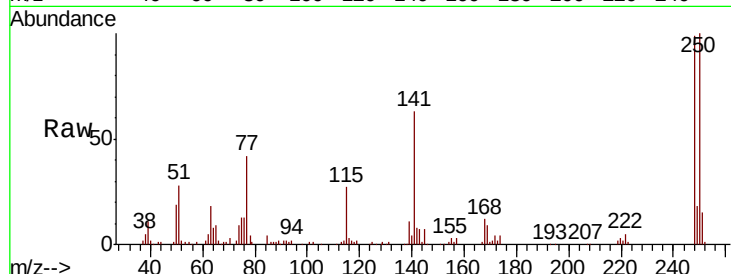




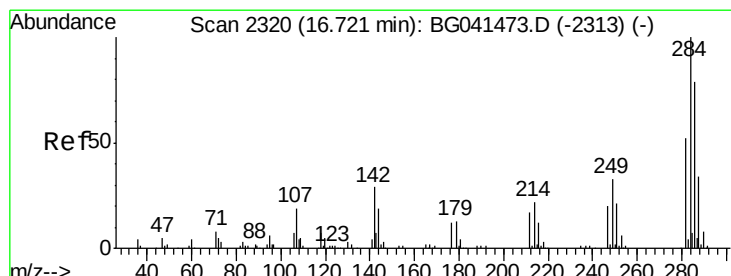
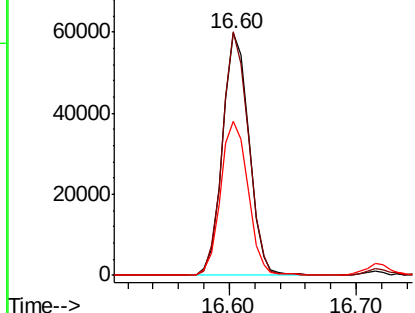
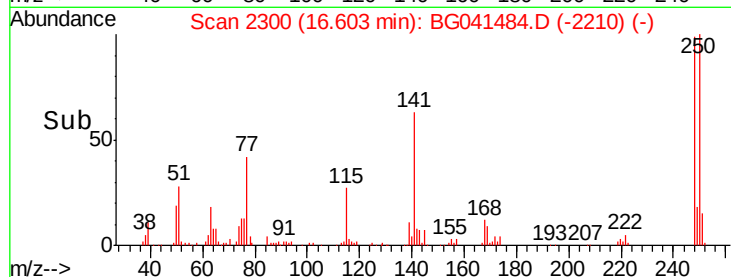
#67
4-Bromophenyl-phenylether
Concen: 30.032 ng
RT: 16.60 min Scan# 2300
Delta R.T. -0.00 min
Lab File: BG041484.D
Acq: 27 Jun 2019 10:34

Instrument :
BNA_G
ClientSampleId :
B-2(9-10)MSD

Tot Ion:248 Resp: 86006
Ion Ratio Lower Upper
248 100
250 100.7 78.1 117.1
141 63.5 54.1 81.1

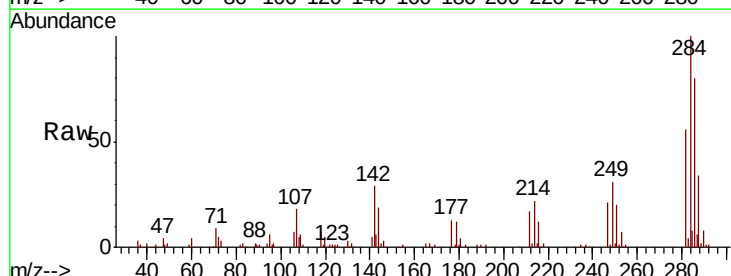


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

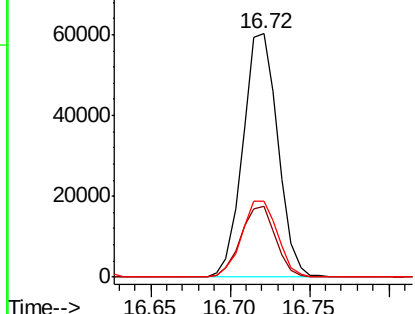
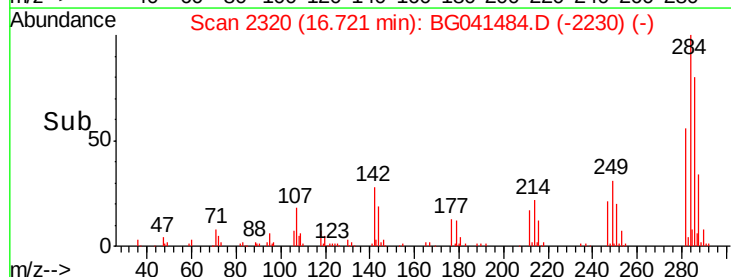


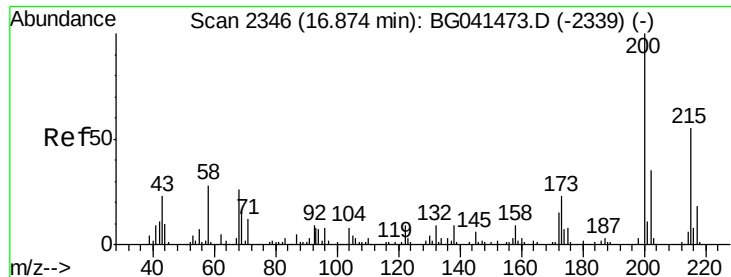
#68
Hexachlorobenzene
Concen: 29.857 ng
RT: 16.72 min Scan# 2320
Delta R.T. -0.00 min
Lab File: BG041484.D
Acq: 27 Jun 2019 10:34

Tgt Ion:284 Resp: 92126
Ion Ratio Lower Upper
284 100
142 29.1 22.9 34.3
249 31.0 26.1 39.1



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





#69

Atrazine

Concen: 30.582 ng

RT: 16.87 min Scan# 2345

Delta R.T. -0.01 min

Lab File: BG041484.D

Acq: 27 Jun 2019 10:34

Instrument :

BNA_G

ClientSampleId :

B-2(9-10)MSD

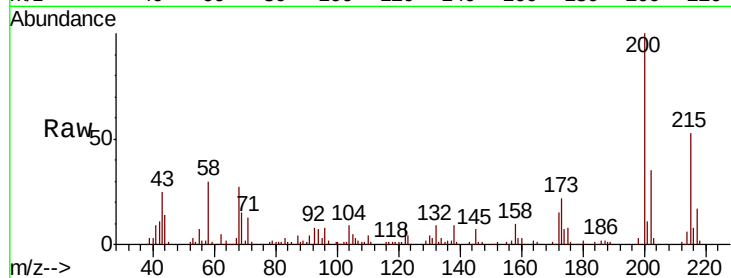
Tot Ion:200 Resp: 79531

Ion Ratio Lower Upper

200 100

173 22.5 3.1 43.1

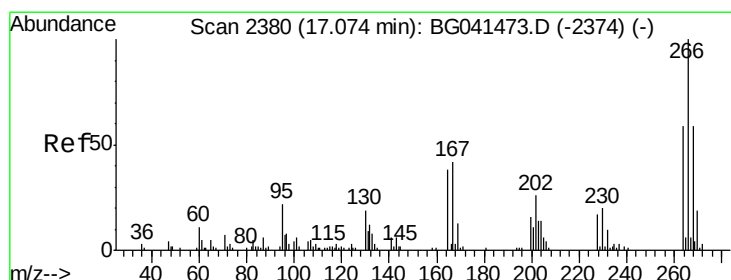
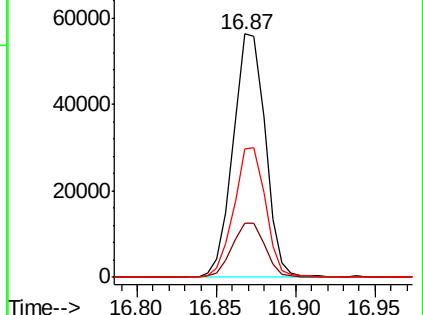
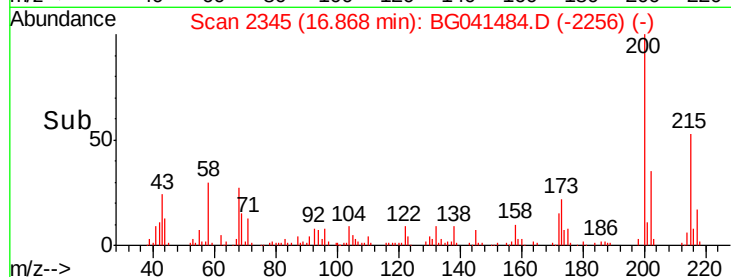
215 52.8 34.7 74.7



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 72.286 ng

RT: 17.07 min Scan# 2380

Delta R.T. -0.00 min

Lab File: BG041484.D

Acq: 27 Jun 2019 10:34

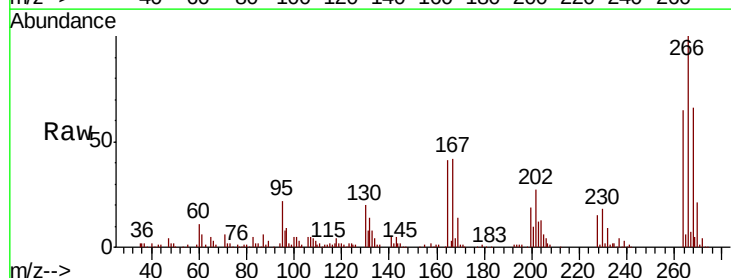
Tgt Ion:266 Resp: 101066

Ion Ratio Lower Upper

266 100

268 65.7 47.0 70.4

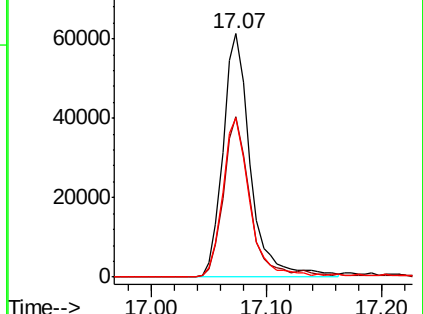
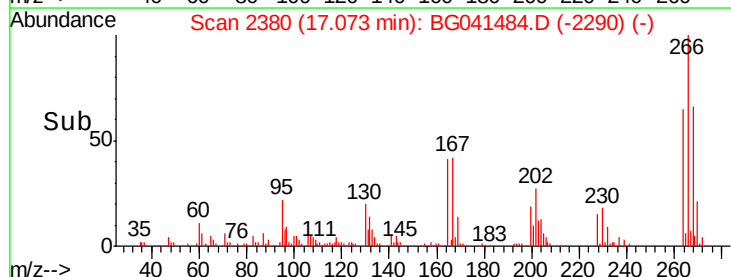
264 65.4 47.4 71.0

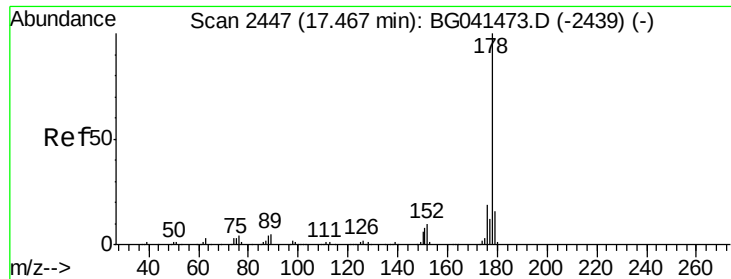


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

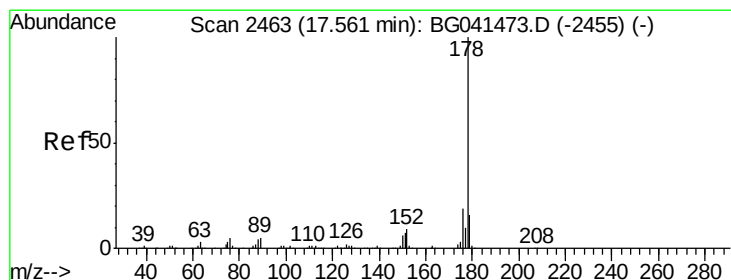
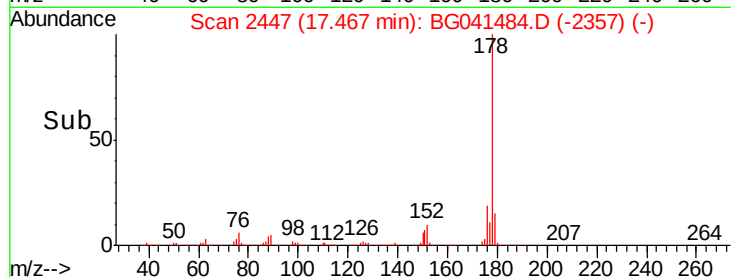
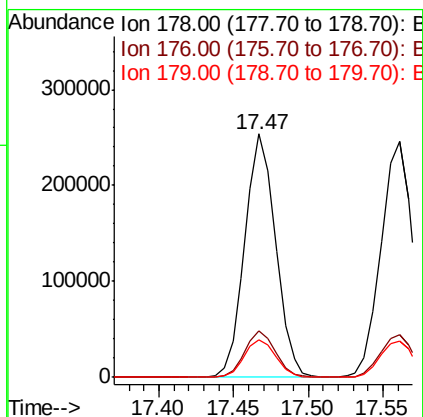
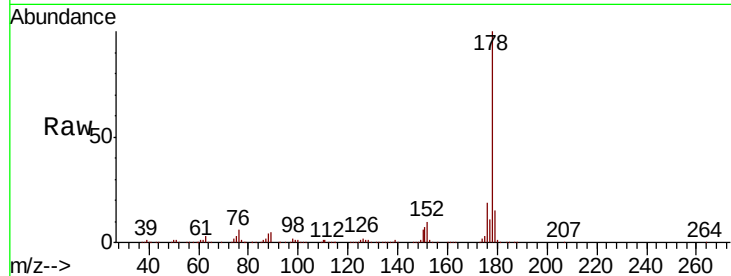




#71
Phenanthrene
Concen: 31.503 ng
RT: 17.47 min Scan# 2447
Delta R.T. -0.00 min
Lab File: BG041484.D
Acq: 27 Jun 2019 10:34

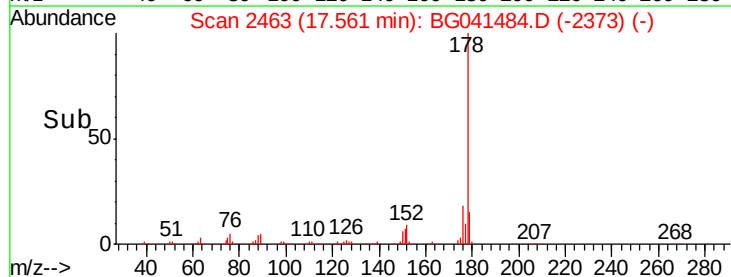
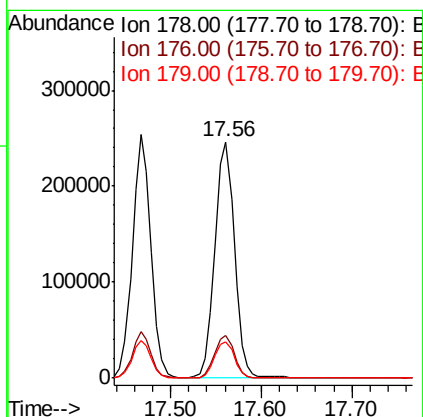
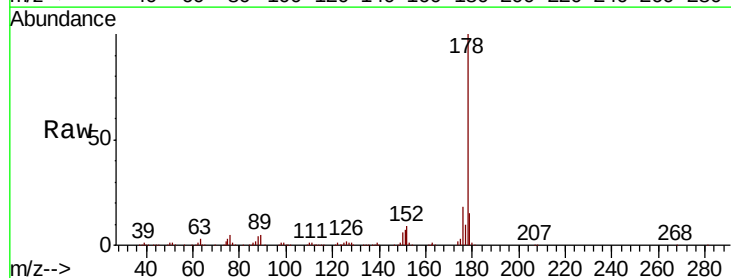
Instrument :
BNA_G
ClientSampleId :
B-2(9-10)MSD

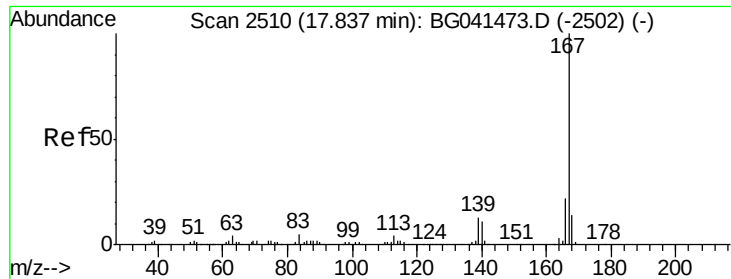
Tot Ion:178 Resp: 363746
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 15.4 13.0 19.4



#72
Anthracene
Concen: 32.021 ng
RT: 17.56 min Scan# 2463
Delta R.T. -0.00 min
Lab File: BG041484.D
Acq: 27 Jun 2019 10:34

Tgt Ion:178 Resp: 369933
Ion Ratio Lower Upper
178 100
176 18.1 14.8 22.2
179 15.2 12.8 19.2





#73

Carbazole

Concen: 31.934 ng

RT: 17.84 min Scan# 2510

Delta R.T. -0.00 min

Lab File: BG041484.D

Acq: 27 Jun 2019 10:34

Instrument :

BNA_G

ClientSampleId :

B-2(9-10)MSD

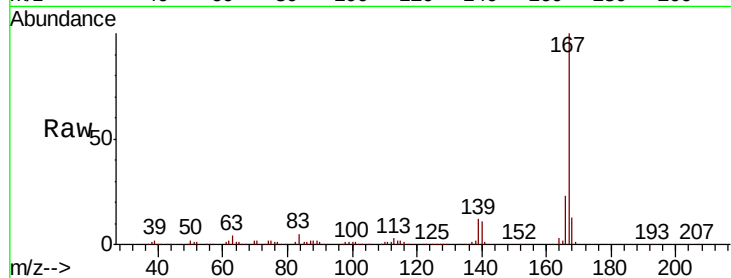
Tot Ion:167 Resp: 313630

Ion Ratio Lower Upper

167 100

166 22.6 17.8 26.6

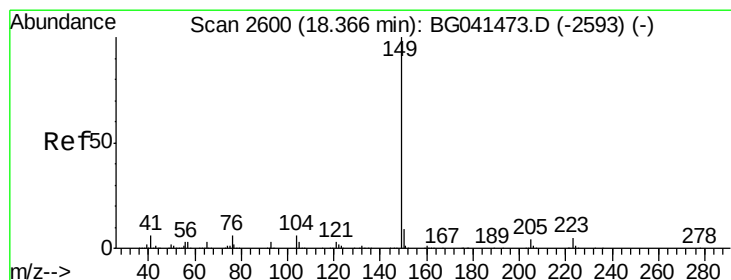
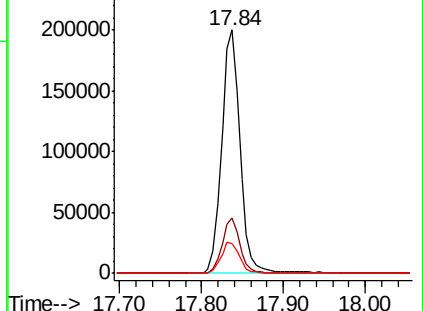
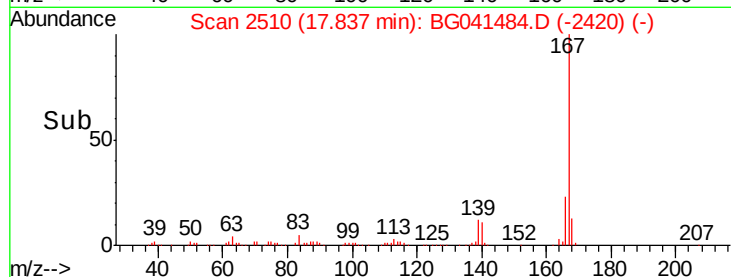
139 12.3 10.8 16.2



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: 30.251 ng

RT: 18.36 min Scan# 2599

Delta R.T. -0.01 min

Lab File: BG041484.D

Acq: 27 Jun 2019 10:34

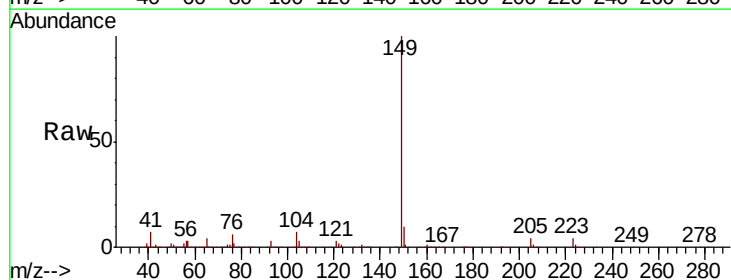
Tgt Ion:149 Resp: 373416

Ion Ratio Lower Upper

149 100

150 9.7 7.5 11.3

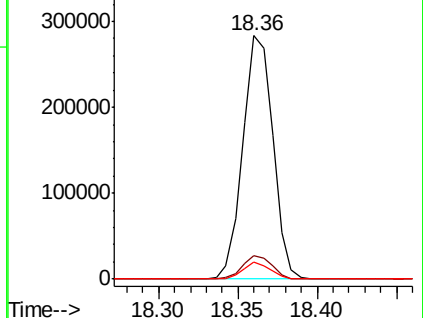
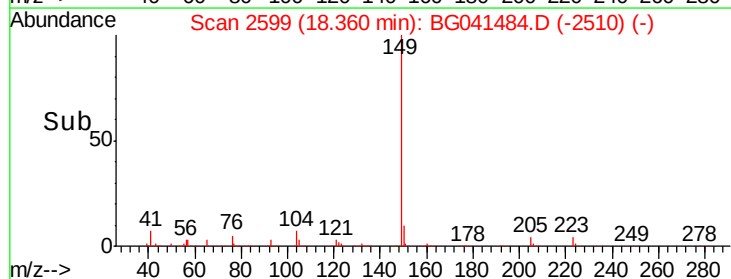
104 6.8 5.0 7.6

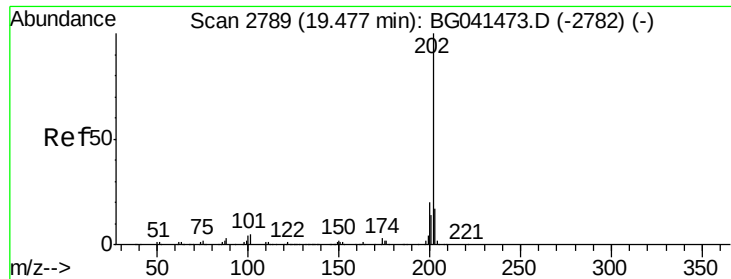


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 30.995 ng

RT: 19.48 min Scan# 2789

Delta R.T. -0.00 min

Lab File: BG041484.D

Acq: 27 Jun 2019 10:34

Instrument :

BNA_G

ClientSampleId :

B-2(9-10)MSD

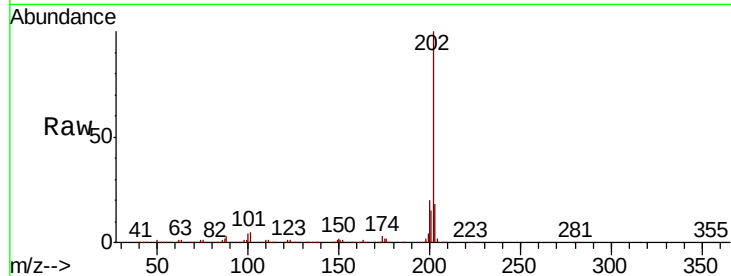
Tot Ion:202 Resp: 477156

Ion Ratio Lower Upper

202 100

101 4.5 0.0 24.9

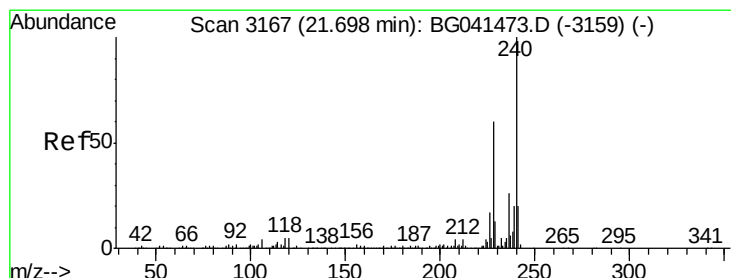
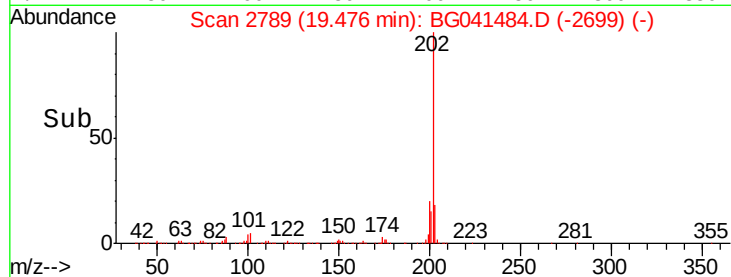
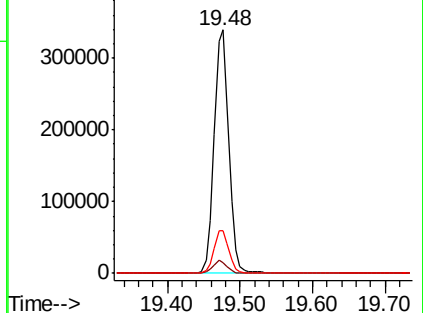
203 17.6 0.0 37.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.00 min

Lab File: BG041484.D

Acq: 27 Jun 2019 10:34

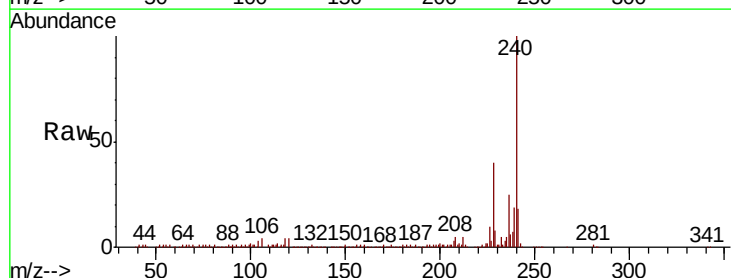
Tgt Ion:240 Resp: 224546

Ion Ratio Lower Upper

240 100

120 4.4 3.7 5.5

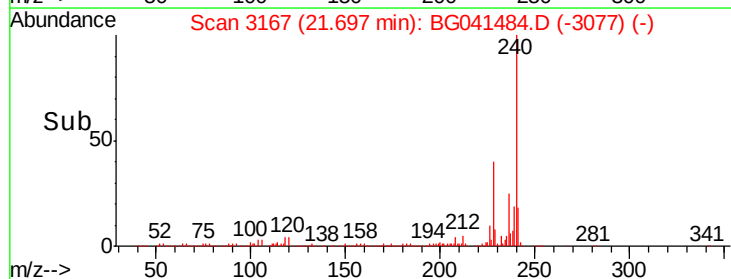
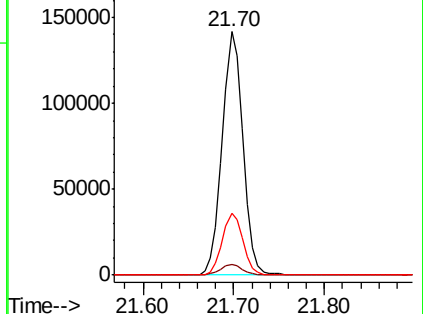
236 25.2 20.8 31.2

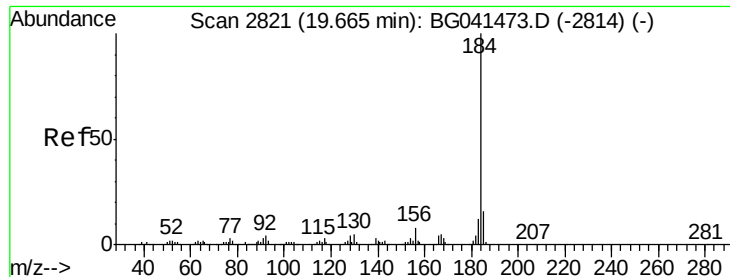


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 6.532 ng

RT: 19.67 min Scan# 2822

Delta R.T. 0.01 min

Lab File: BG041484.D

Acq: 27 Jun 2019 10:34

Instrument :

BNA_G

ClientSampleId :

B-2(9-10)MSD

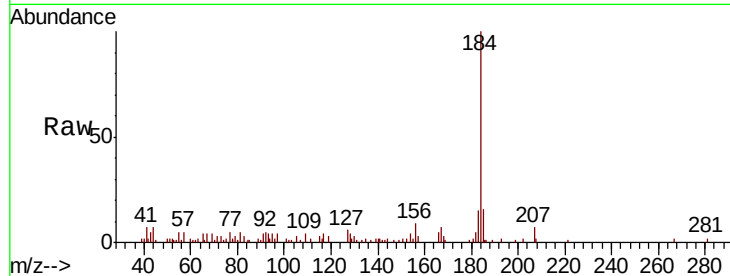
Tot Ion:184 Resp: 32542

Ion Ratio Lower Upper

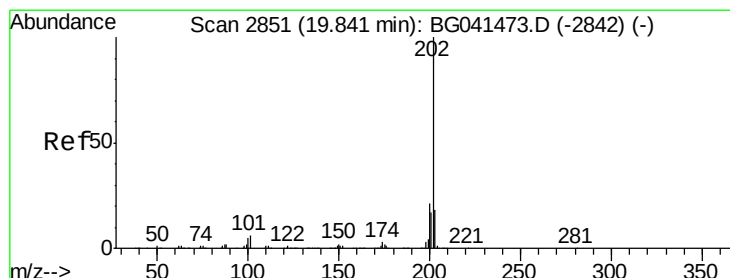
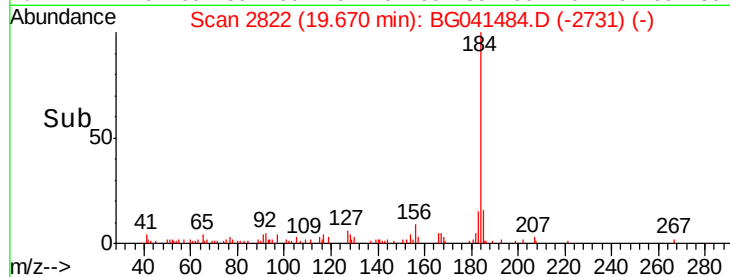
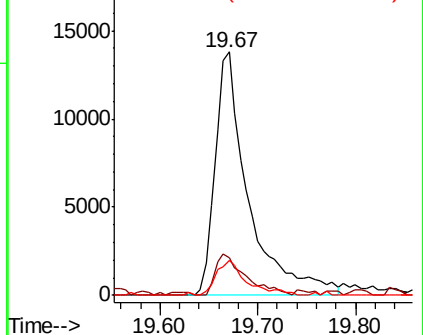
184 100

185 15.5 12.7 19.1

183 14.6 9.4 14.2#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 31.132 ng

RT: 19.84 min Scan# 2851

Delta R.T. -0.00 min

Lab File: BG041484.D

Acq: 27 Jun 2019 10:34

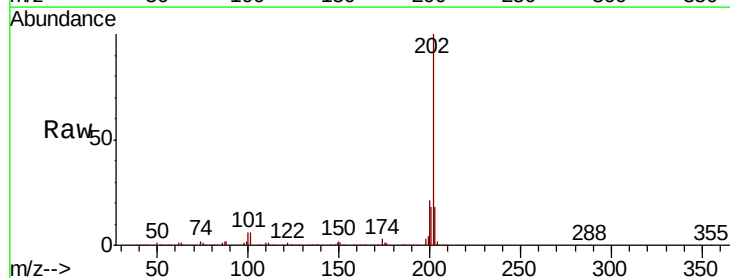
Tgt Ion:202 Resp: 477226

Ion Ratio Lower Upper

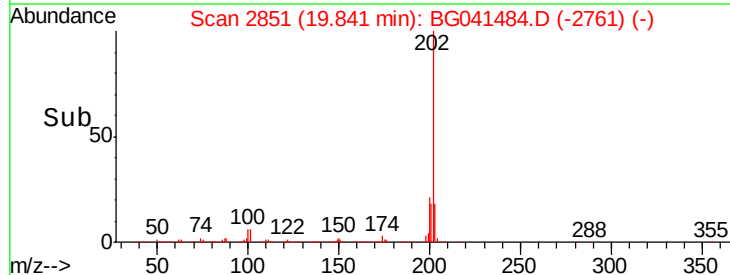
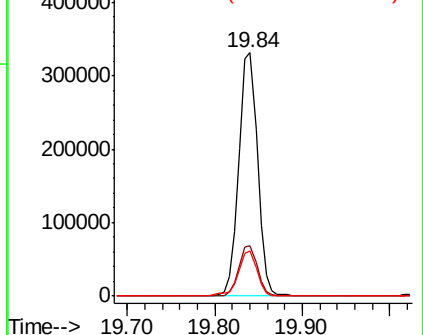
202 100

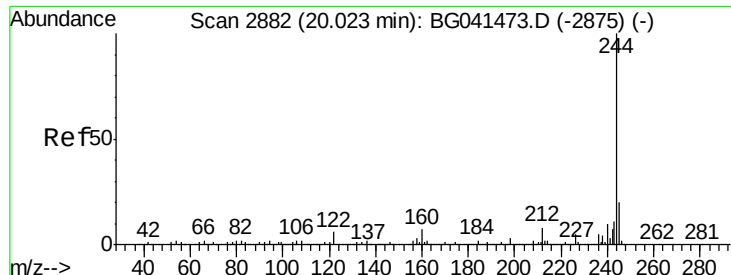
200 20.8 16.8 25.2

203 18.5 14.2 21.4



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 71.012 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG041484.D

Acq: 27 Jun 2019 10:34

Instrument :

BNA_G

ClientSampleId :

B-2(9-10)MSD

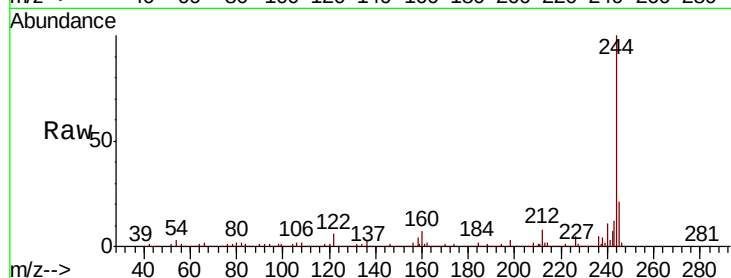
Tot Ion:244 Resp: 750348

Ion Ratio Lower Upper

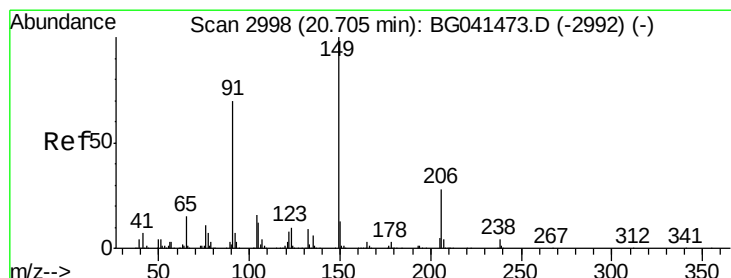
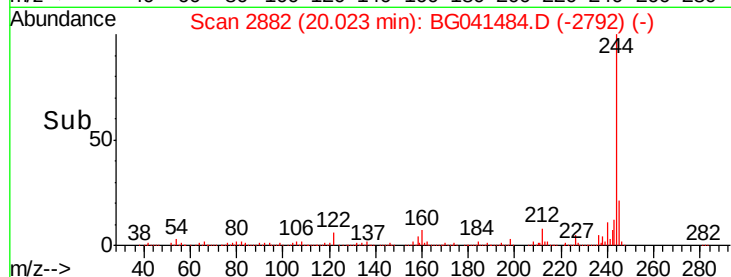
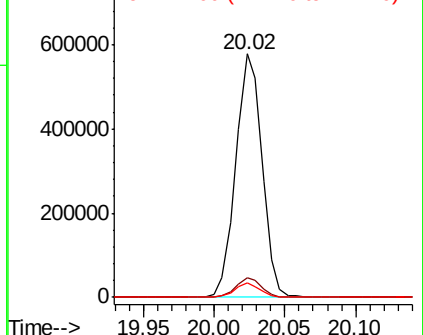
244 100

212 8.0 6.2 9.4

122 6.1 4.8 7.2



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 30.246 ng

RT: 20.70 min Scan# 2998

Delta R.T. -0.00 min

Lab File: BG041484.D

Acq: 27 Jun 2019 10:34

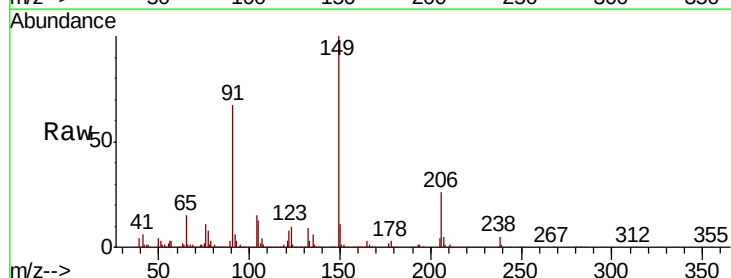
Tgt Ion:149 Resp: 173153

Ion Ratio Lower Upper

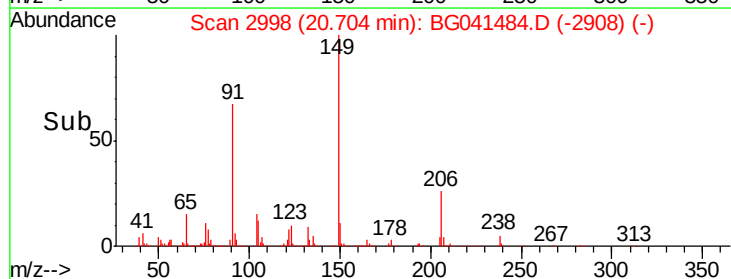
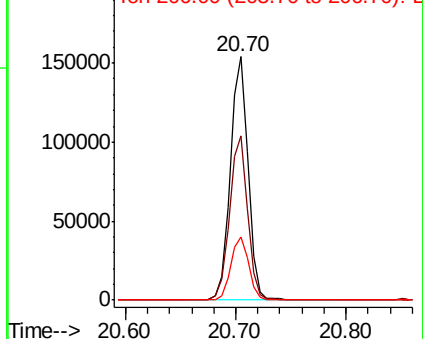
149 100

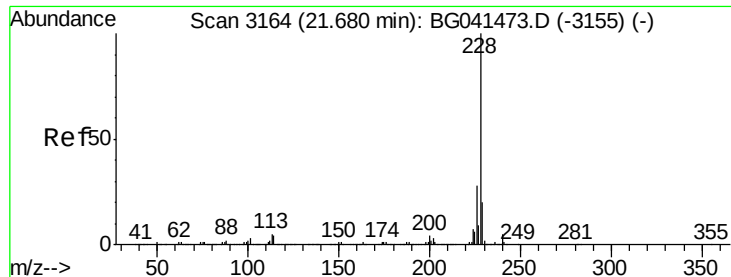
91 67.5 55.9 83.9

206 26.0 22.1 33.1



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 30.364 ng

RT: 21.68 min Scan# 3164

Delta R.T. -0.00 min

Lab File: BG041484.D

Acq: 27 Jun 2019 10:34

Instrument :

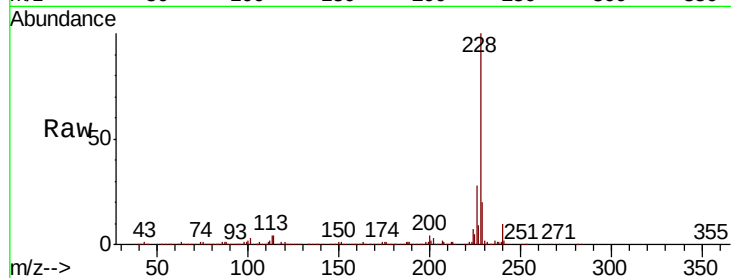
BNA_G

ClientSampleId :

B-2(9-10)MSD

Tot Ion:228 Resp: 474014

Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.6	33.8
229	20.0	16.1	24.1

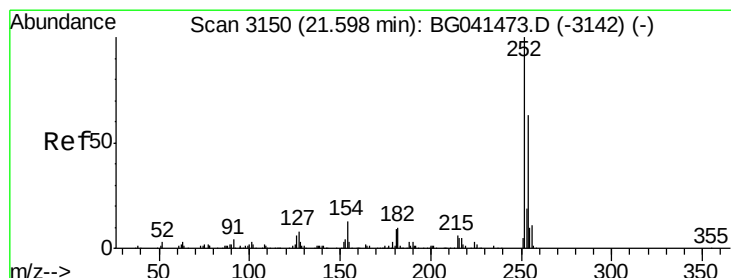
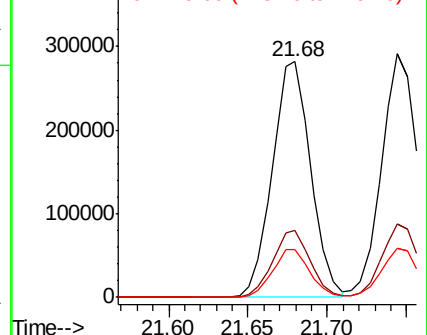
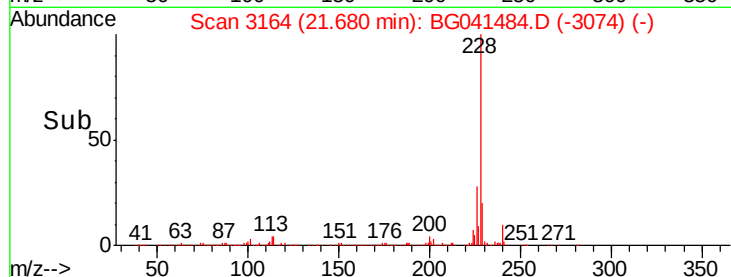


Abundance

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: 15.127 ng

RT: 21.60 min Scan# 3150

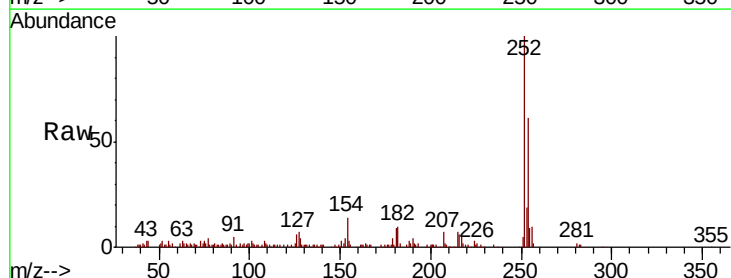
Delta R.T. -0.00 min

Lab File: BG041484.D

Acq: 27 Jun 2019 10:34

Tgt Ion:252 Resp: 81771

Ion	Ratio	Lower	Upper
252	100		
254	61.2	50.4	75.6
126	5.8	4.9	7.3

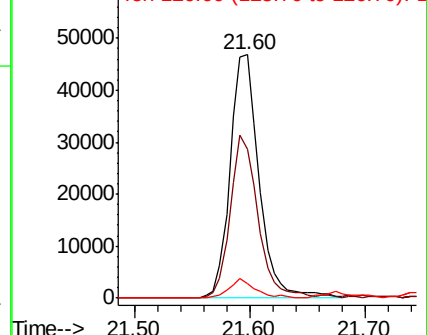
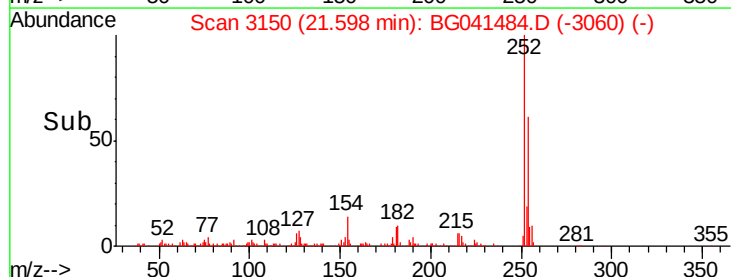


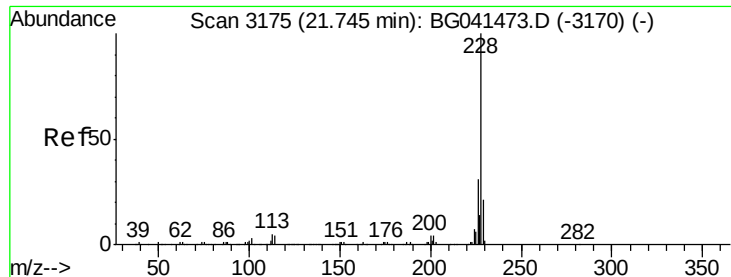
Abundance

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: 30.599 ng

RT: 21.74 min Scan# 3175

Delta R.T. -0.00 min

Lab File: BG041484.D

Acq: 27 Jun 2019 10:34

Instrument :

BNA_G

ClientSampleId :

B-2(9-10)MSD

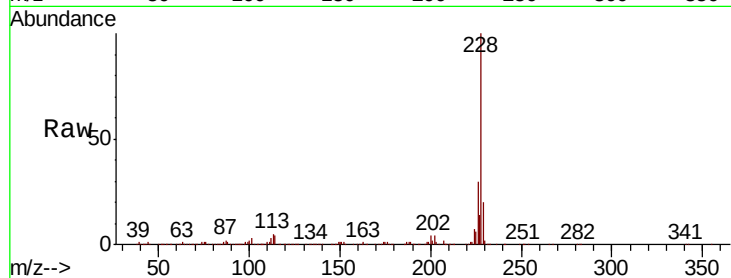
Tot Ion:228 Resp: 462378

Ion Ratio Lower Upper

228 100

226 30.1 25.0 37.4

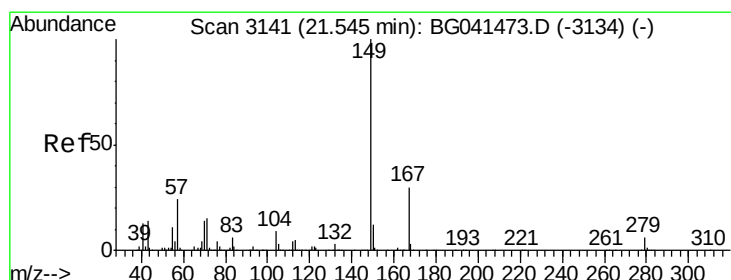
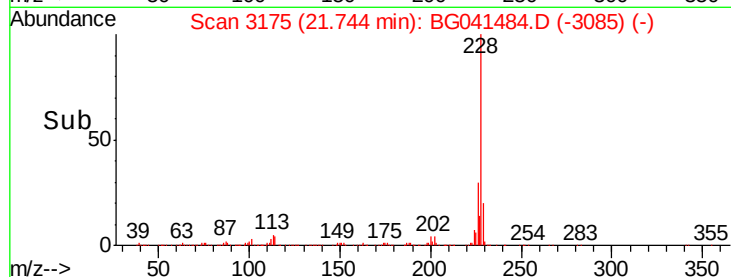
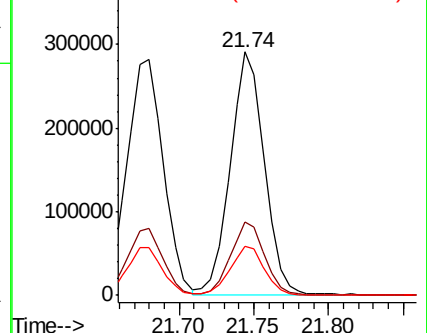
229 20.0 16.8 25.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 30.751 ng

RT: 21.54 min Scan# 3141

Delta R.T. -0.00 min

Lab File: BG041484.D

Acq: 27 Jun 2019 10:34

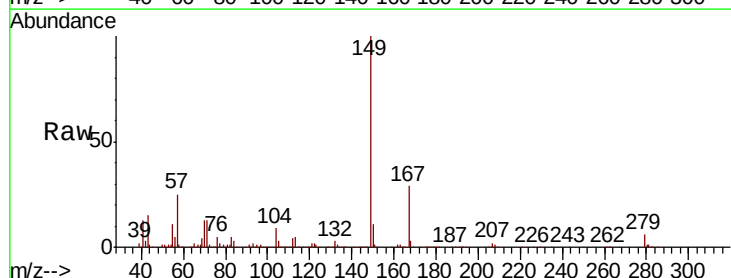
Tgt Ion:149 Resp: 249574

Ion Ratio Lower Upper

149 100

167 28.6 23.6 35.4

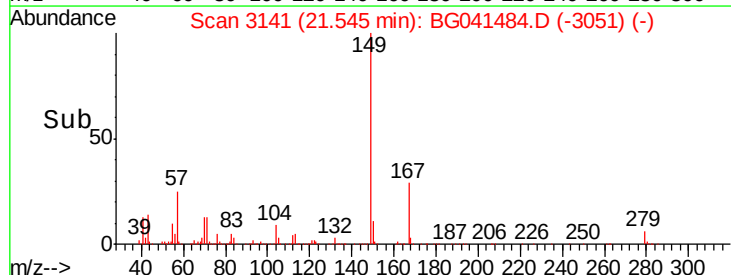
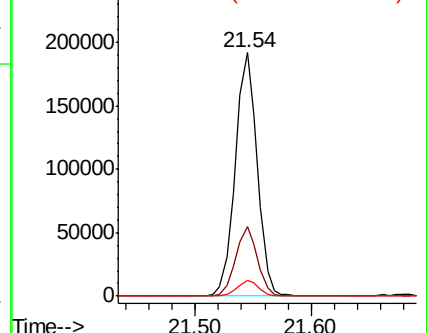
279 6.3 5.0 7.6

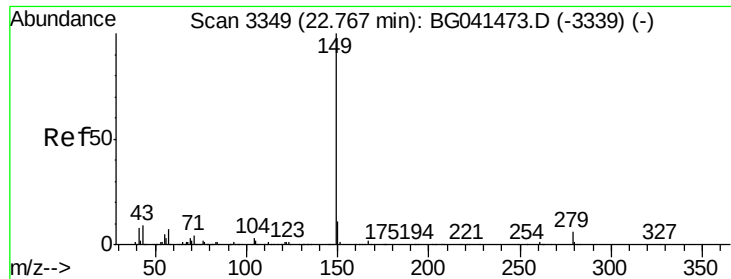


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

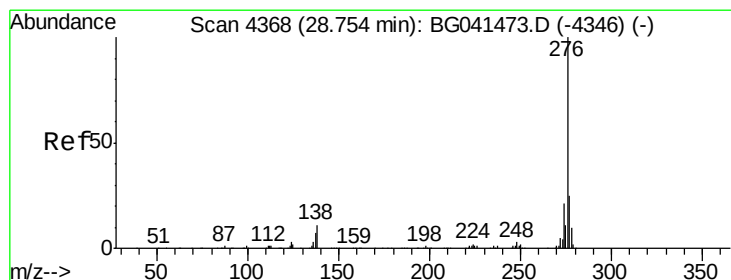
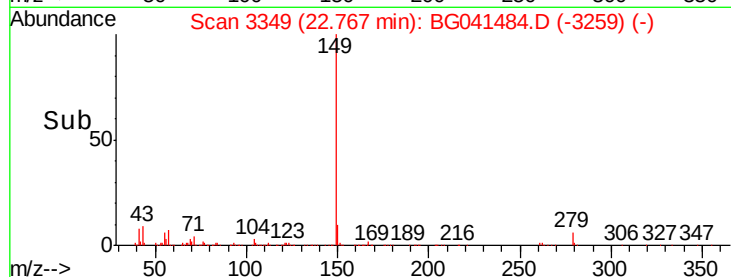
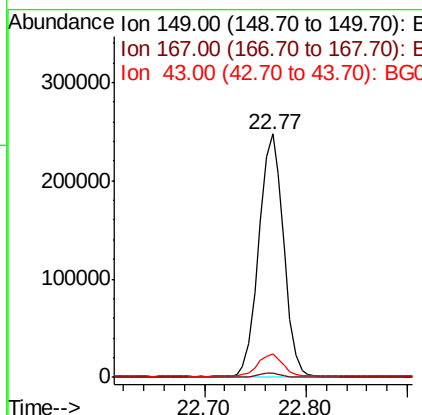
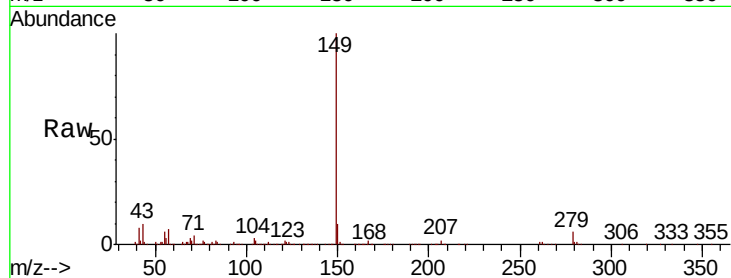




#85
Di-n-octyl phthalate
Concen: 30.691 ng
RT: 22.77 min Scan# 3349
Delta R.T. -0.00 min
Lab File: BG041484.D
Acq: 27 Jun 2019 10:34

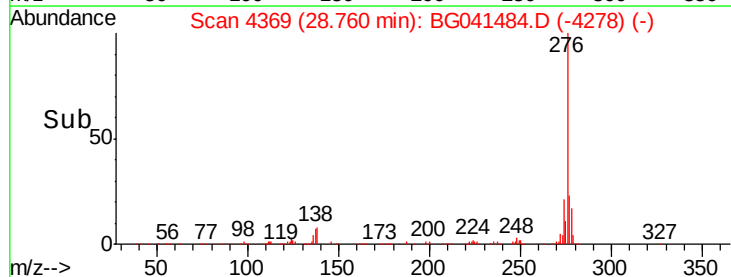
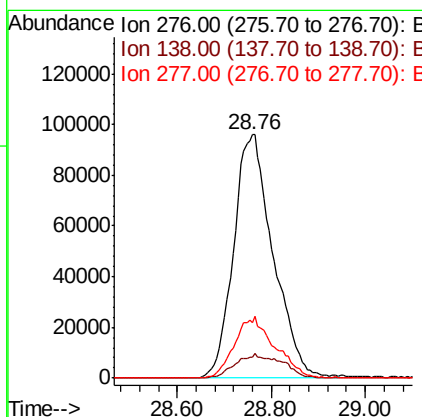
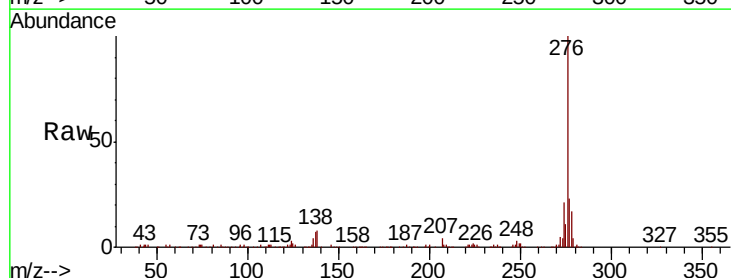
Instrument :
BNA_G
ClientSampleId :
B-2(9-10)MSD

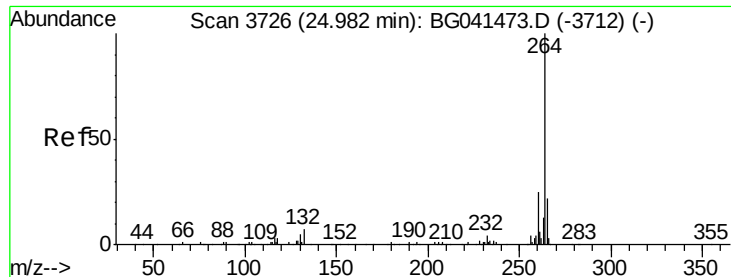
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.2
43	9.5	7.2	10.8



#86
Indeno(1,2,3-cd)pyrene
Concen: 30.577 ng
RT: 28.76 min Scan# 4369
Delta R.T. 0.01 min
Lab File: BG041484.D
Acq: 27 Jun 2019 10:34

Tgt Ion	Ratio	Lower	Upper
276	100		
138	11.6	4.9	7.3#
277	25.7	20.4	30.6





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.98 min Scan# 3726

Delta R.T. -0.00 min

Lab File: BG041484.D

Acq: 27 Jun 2019 10:34

Instrument :

BNA_G

ClientSampleId :

B-2(9-10)MSD

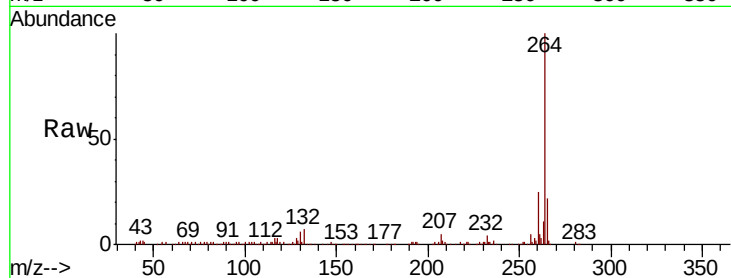
Tot Ion:264 Resp: 236885

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.7	29.5
265	21.7	17.4	26.2

264 100

260 24.7 19.7 29.5

265 21.7 17.4 26.2

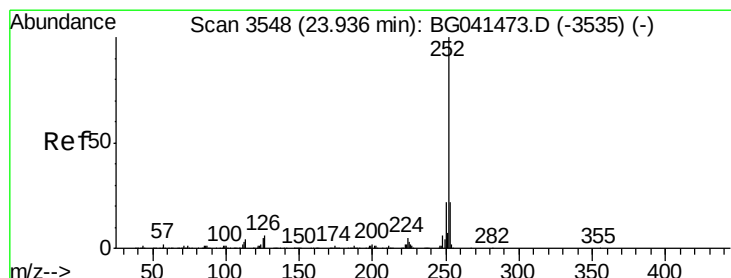
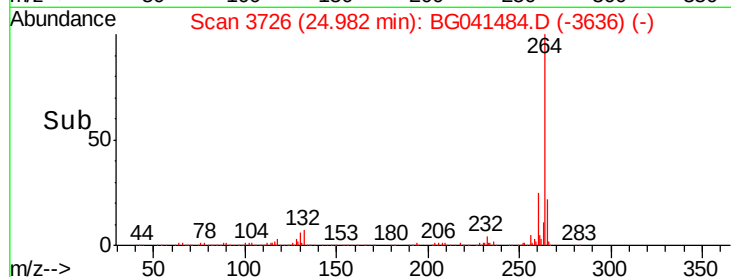
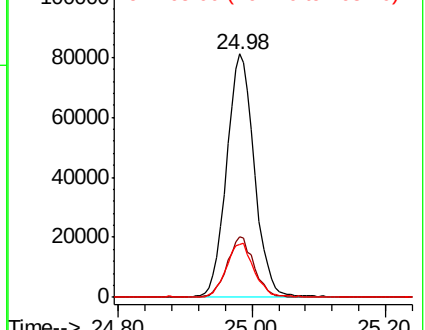


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 31.127 ng

RT: 23.93 min Scan# 3547

Delta R.T. -0.01 min

Lab File: BG041484.D

Acq: 27 Jun 2019 10:34

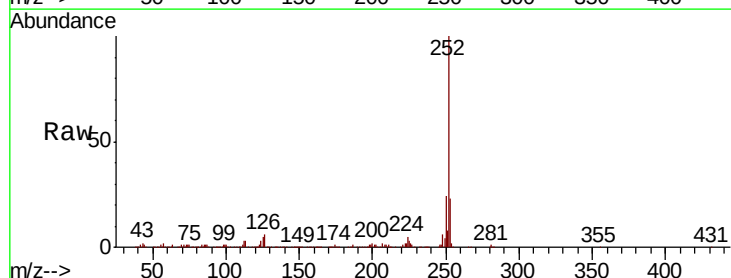
Tgt Ion:252 Resp: 470308

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.0	27.0
125	4.7	3.8	5.8

252 100

253 23.4 18.0 27.0

125 4.7 3.8 5.8

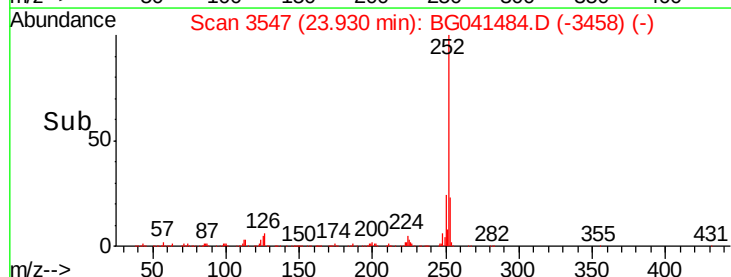
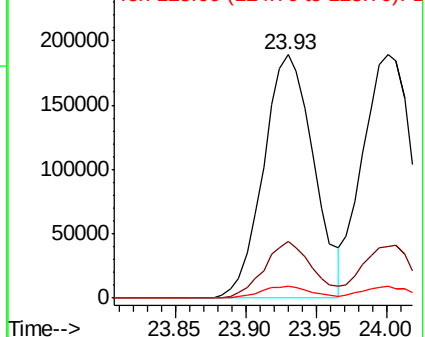


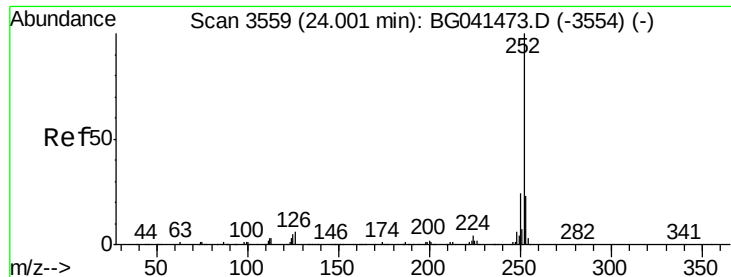
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 31.379 ng

RT: 24.00 min Scan# 3559

Delta R.T. -0.00 min

Lab File: BG041484.D

Acq: 27 Jun 2019 10:34

Instrument :

BNA_G

ClientSampleId :

B-2(9-10)MSD

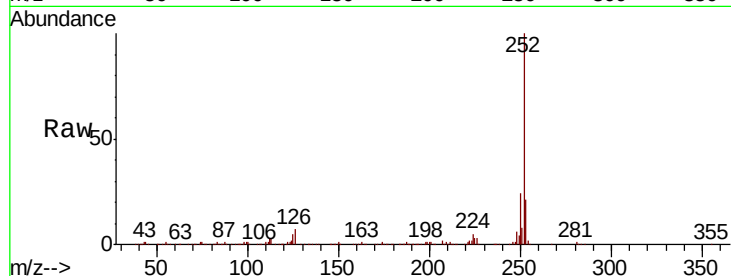
Tot Ion:252 Resp: 465462

Ion Ratio Lower Upper

252 100

253 21.4 18.3 27.5

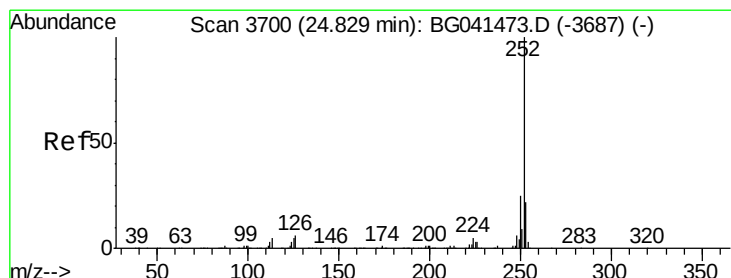
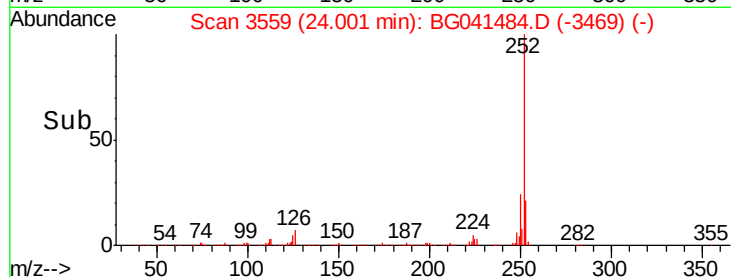
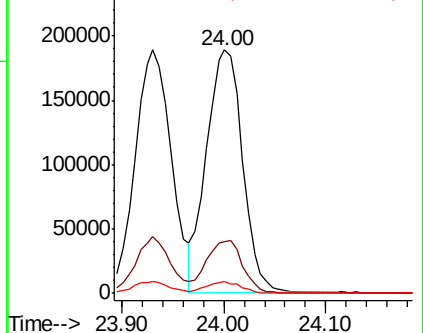
125 4.9 4.0 6.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 31.872 ng

RT: 24.83 min Scan# 3700

Delta R.T. -0.00 min

Lab File: BG041484.D

Acq: 27 Jun 2019 10:34

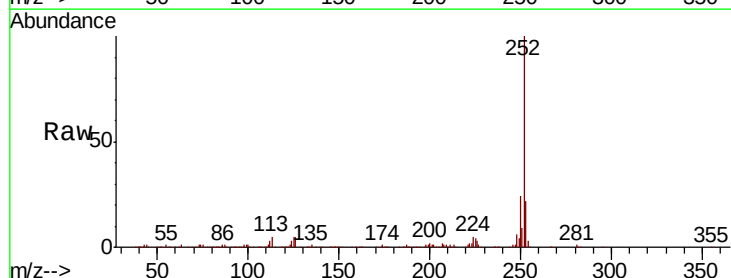
Tgt Ion:252 Resp: 457360

Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

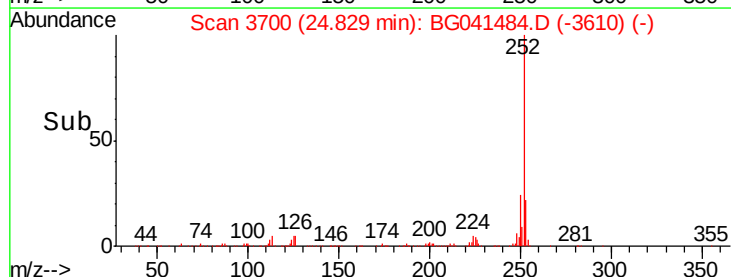
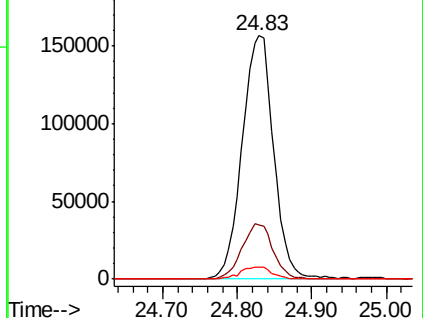
125 5.0 4.4 6.6

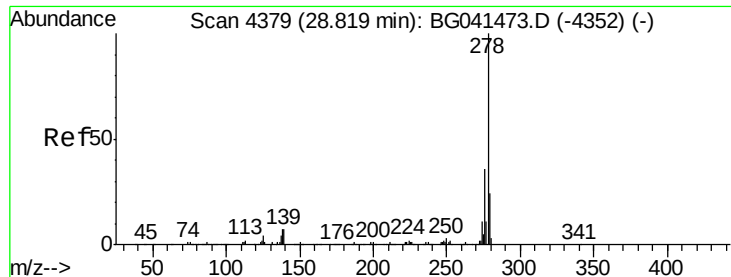


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 32.136 ng

RT: 28.82 min Scan# 4379

Delta R.T. -0.00 min

Lab File: BG041484.D

Acq: 27 Jun 2019 10:34

Instrument :

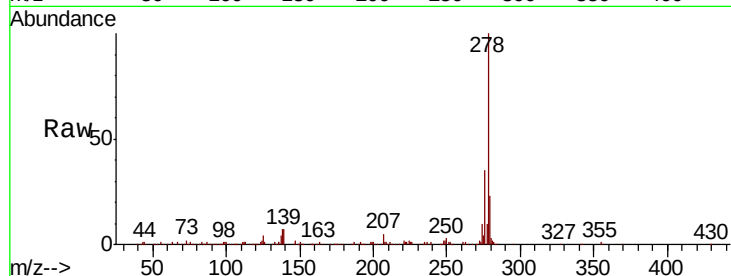
BNA_G

ClientSampleId :

B-2(9-10)MSD

Tot Ion:278 Resp: 461997

Ion	Ratio	Lower	Upper
278	100		
139	7.1	5.9	8.9
279	23.2	18.9	28.3

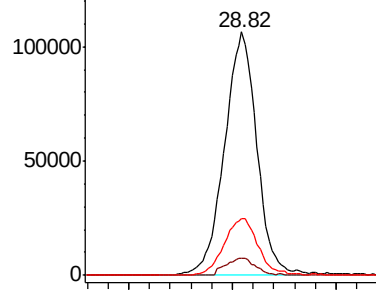


Abundance

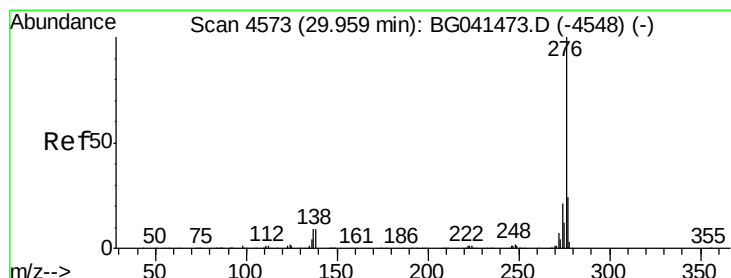
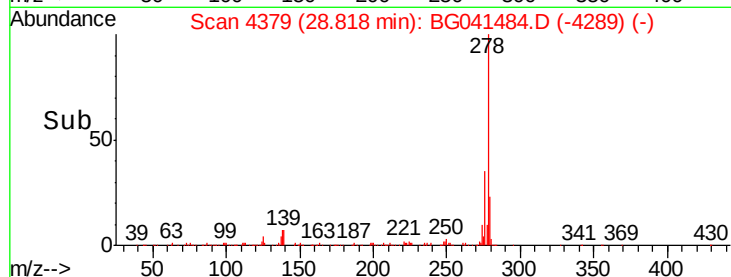
Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#92

Benzo(g,h,i)perylene

Concen: 32.429 ng

RT: 29.95 min Scan# 4571

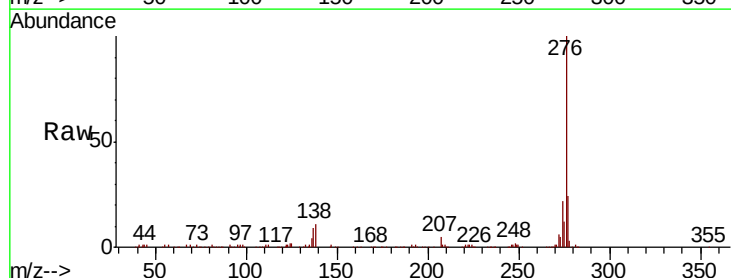
Delta R.T. -0.01 min

Lab File: BG041484.D

Acq: 27 Jun 2019 10:34

Tgt Ion:276 Resp: 463540

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.4	29.2
138	10.7	7.6	11.4

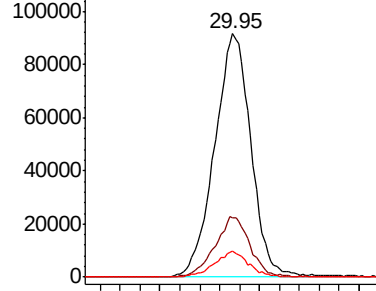


Abundance

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



Time-->

