

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070319\
 Data File : BG041585.D
 Acq On : 3 Jul 2019 11:23
 Operator : HP/JU
 Sample : PB121109BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 03 13:08:25 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 13:25:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	27837	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	99910	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	71668	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	197370	20.00	ng	0.00
76) Chrysene-d12	21.70	240	237886	20.00	ng	0.00
87) Perylene-d12	24.98	264	227201	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.57	112	227912	145.97	ng	0.00
7) Phenol-d6	7.19	99	313696	142.72	ng	0.00
23) Nitrobenzene-d5	9.22	82	218789	91.33	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	186336	152.27	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	520048	93.12	ng	0.00
79) Terphenyl-d14	20.03	244	1155750	103.25	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.41	88	24091	34.085	ng	96
3) Pyridine	3.82	79	61706	34.410	ng	97
4) n-Nitrosodimethylamine	3.75	42	45868	45.965	ng	95
6) Aniline	7.35	93	71671	25.297	ng	98
8) 2-Chlorophenol	7.59	128	84006	47.974	ng	97
9) Benzaldehyde	7.18	77	14517	10.936	ng	91
10) Phenol	7.22	94	106556	48.102	ng	96
11) bis(2-Chloroethyl)ether	7.45	93	73589	41.889	ng	99
12) 1,3-Dichlorobenzene	7.91	146	95933	42.351	ng	99
13) 1,4-Dichlorobenzene	8.06	146	96543	42.278	ng	99
14) 1,2-Dichlorobenzene	8.38	146	91332	41.773	ng	97
15) Benzyl Alcohol	8.28	79	81571	46.601	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.55	45	92632	37.549	ng	95
17) 2-Methylphenol	8.48	107	73542	45.606	ng	95
18) Hexachloroethane	9.11	117	36506	40.516	ng	95
19) n-Nitroso-di-n-propylamine	8.83	70	64948	39.614	ng	97
20) 3+4-Methylphenols	8.81	107	100025	46.539	ng	96
22) Acetophenone	8.86	105	137506	45.883	ng	98
24) Nitrobenzene	9.26	77	109774	45.653	ng	99
25) Isophorone	9.77	82	190776	44.357	ng	98
26) 2-Nitrophenol	9.96	139	46165	45.973	ng	98
27) 2,4-Dimethylphenol	10.02	122	77304	55.312	ng	97
28) bis(2-Chloroethoxy)methane	10.25	93	97244	42.759	ng	98
29) 2,4-Dichlorophenol	10.50	162	97331	51.559	ng	98
30) 1,2,4-Trichlorobenzene	10.71	180	112279	46.405	ng	93
31) Naphthalene	10.90	128	256757	46.469	ng	98
32) Benzoic acid	10.19	122	36427	45.666	ng	94
33) 4-Chloroaniline	11.02	127	55548	23.883	ng	# 96
34) Hexachlorobutadiene	11.16	225	85960	44.757	ng	94
35) Caprolactam	11.82	113	16054	27.236	ng	93
36) 4-Chloro-3-methylphenol	12.14	107	99383	48.590	ng	99
37) 2-Methylnaphthalene	12.51	142	188870	46.269	ng	99
38) 1-Methylnaphthalene	12.72	142	182022	46.740	ng	95
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	150453	47.675	ng	98

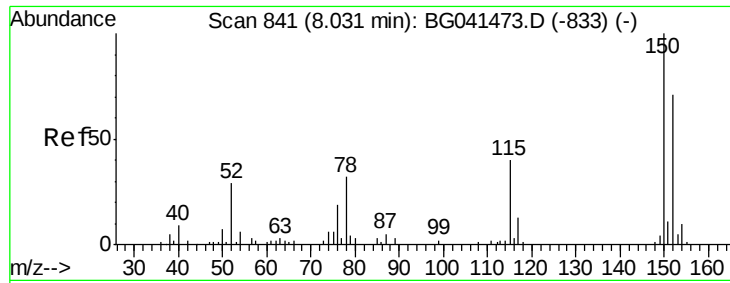
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070319\
 Data File : BG041585.D
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Quant Time: Jul 03 13:08:25 2019
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 27 13:25:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	160315	93.009	ng	98
43) 2,4,6-Trichlorophenol	13.11	196	89643	47.877	ng	99
44) 2,4,5-Trichlorophenol	13.19	196	93420	50.082	ng	95
46) 1,1'-Biphenyl	13.51	154	262814	46.455	ng	98
47) 2-Chloronaphthalene	13.56	162	217770	44.836	ng	100
48) 2-Nitroaniline	13.78	65	68532	41.623	ng	94
49) Acenaphthylene	14.40	152	338953	46.689	ng	98
50) Dimethylphthalate	14.13	163	297417	45.603	ng	98
51) 2,6-Dinitrotoluene	14.26	165	65509	47.331	ng	95
52) Acenaphthene	14.74	154	194754	45.238	ng	98
53) 3-Nitroaniline	14.60	138	36687	27.766	ng	94
54) 2,4-Dinitrophenol	14.82	184	46738	53.839	ng	91
55) Dibenzofuran	15.07	168	356926	47.624	ng	98
56) 4-Nitrophenol	14.92	139	88850	104.197	ng	96
57) 2,4-Dinitrotoluene	15.05	165	97764	48.690	ng	98
58) Fluorene	15.73	166	284552	47.724	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.30	232	105949	53.878	ng	97
60) Diethylphthalate	15.48	149	312498	46.810	ng	99
61) 4-Chlorophenyl-phenylether	15.71	204	184464	47.964	ng	97
62) 4-Nitroaniline	15.77	138	56543	43.909	ng	89
63) Azobenzene	16.00	77	262086	46.564	ng	98
65) 4,6-Dinitro-2-methylphenol	15.81	198	45698	37.384	ng	99
66) n-Nitrosodiphenylamine	15.93	169	257449	47.394	ng	99
67) 4-Bromophenyl-phenylether	16.60	248	124710	46.238	ng	98
68) Hexachlorobenzene	16.72	284	134663	46.340	ng	99
69) Atrazine	16.87	200	118098	51.362	ng	96
70) Pentachlorophenol	17.07	266	136884	103.956	ng	91
71) Phenanthrene	17.47	178	517877	47.624	ng	99
72) Anthracene	17.56	178	532031	48.898	ng	99
73) Carbazole	17.84	167	470642	50.883	ng	100
74) Di-n-butylphthalate	18.36	149	565353	48.631	ng	99
75) Fluoranthene	19.48	202	752501	51.903	ng	98
77) Benzidine	19.66	184	156854	29.717	ng	99
78) Pyrene	19.84	202	755558	46.525	ng	99
80) Butylbenzylphthalate	20.70	149	268442	44.261	ng	98
81) Benzo(a)anthracene	21.68	228	748583	45.263	ng	98
82) 3,3'-Dichlorobenzidine	21.59	252	164853	28.786	ng	100
83) Chrysene	21.75	228	742724	46.395	ng	100
84) Bis(2-ethylhexyl)phthalate	21.54	149	372219	43.290	ng	99
85) Di-n-octyl phthalate	22.77	149	637990	43.847	ng	98
86) Indeno(1,2,3-cd)pyrene	28.77	276	907928	46.837	ng	99
88) Benzo(b)fluoranthene	23.93	252	773057	53.346	ng	100
89) Benzo(k)fluoranthene	24.01	252	751469	52.819	ng	# 98
90) Benzo(a)pyrene	24.83	252	739704	53.745	ng	98
91) Dibenzo(a,h)anthracene	28.82	278	750718	54.445	ng	100
92) Benzo(g,h,i)perylene	29.96	276	756571	55.186	ng	98

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

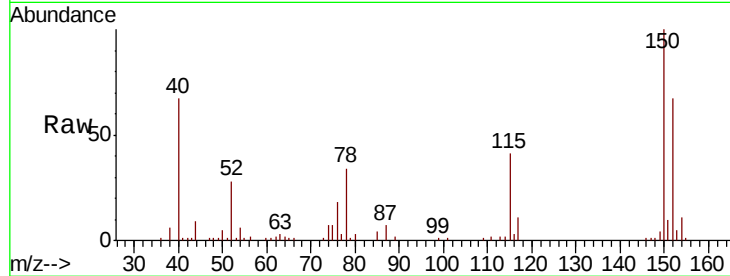


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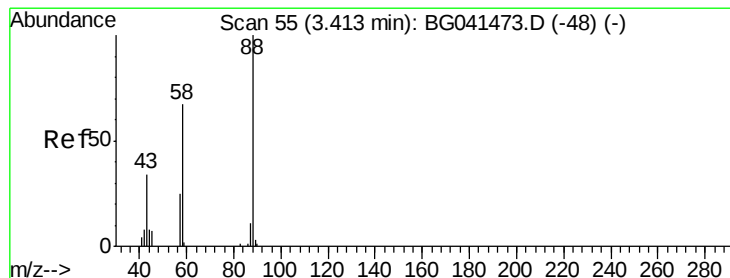
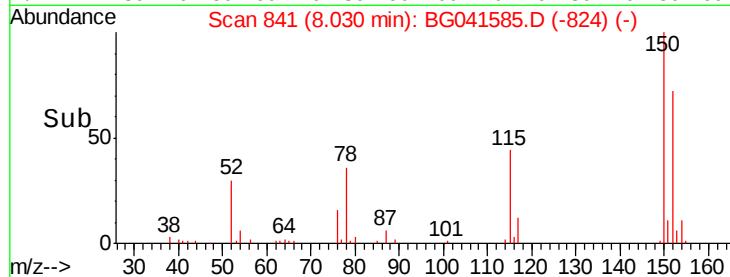
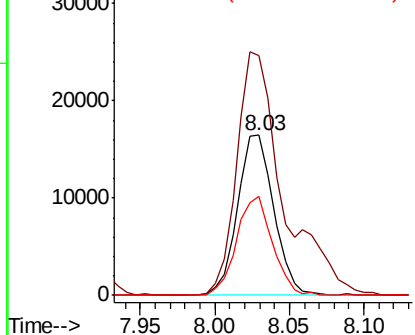
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG041585.D
Acq: 3 Jul 2019 11:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 27837
Ion Ratio Lower Upper
152 100
150 150.0 112.4 168.6
115 61.7 44.6 66.8



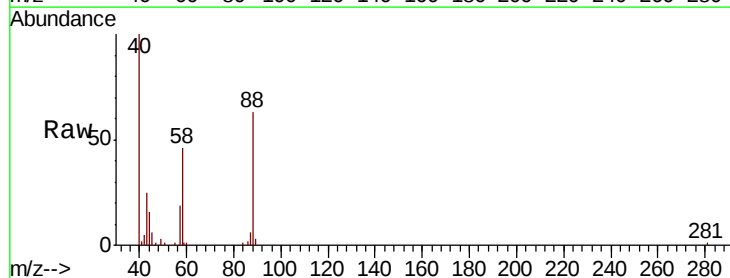
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



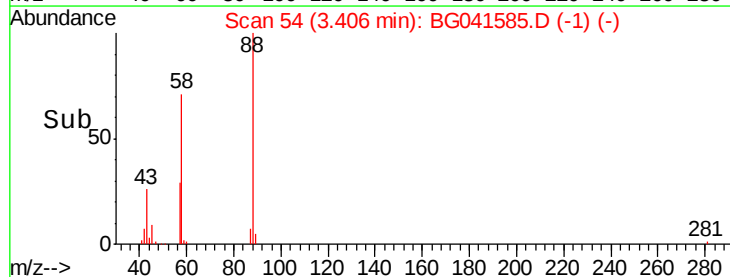
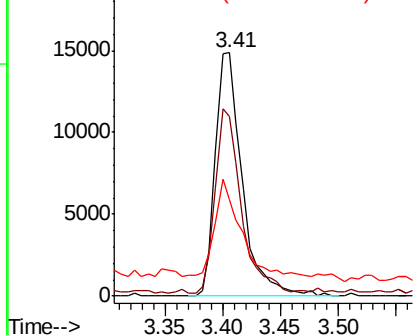
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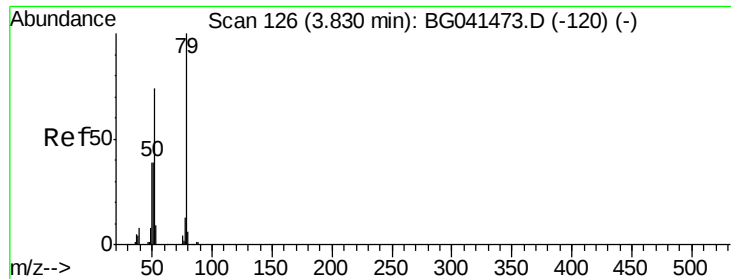
1,4-Dioxane
Concen: 34.085 ng
RT: 3.41 min Scan# 54
Delta R.T. -0.01 min
Lab File: BG041585.D
Acq: 3 Jul 2019 11:23

Tgt Ion: 88 Resp: 24091
Ion Ratio Lower Upper
88 100
58 73.5 55.8 83.8
43 36.8 27.8 41.8



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 34.410 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.01 min

Lab File: BG041585.D

Acq: 3 Jul 2019 11:23

Instrument :

BNA_G

ClientSampleId :

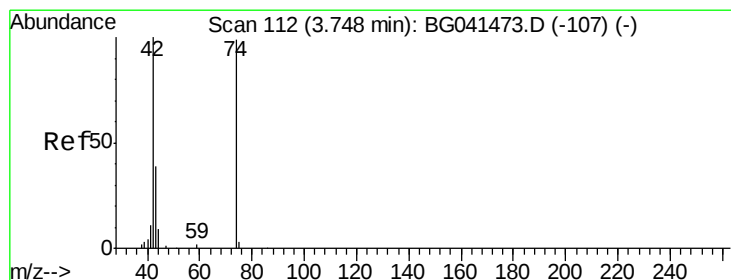
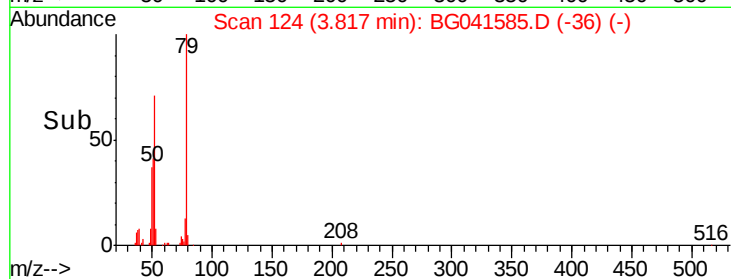
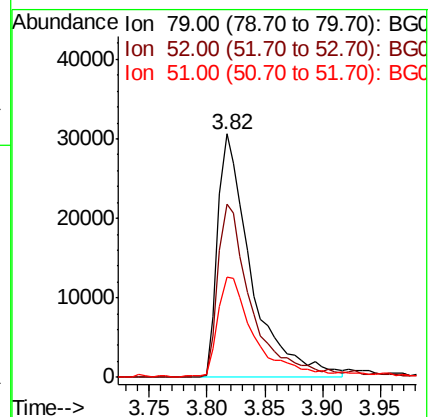
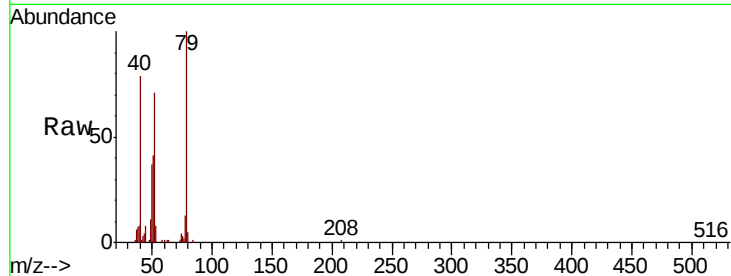
Tot Ion: 79 Resp: 61706

Ion Ratio Lower Upper

79 100

52 71.2 59.4 89.0

51 41.4 32.3 48.5



#4

n-Nitrosodimethylamine

Concen: 45.965 ng

RT: 3.75 min Scan# 112

Delta R.T. -0.00 min

Lab File: BG041585.D

Acq: 3 Jul 2019 11:23

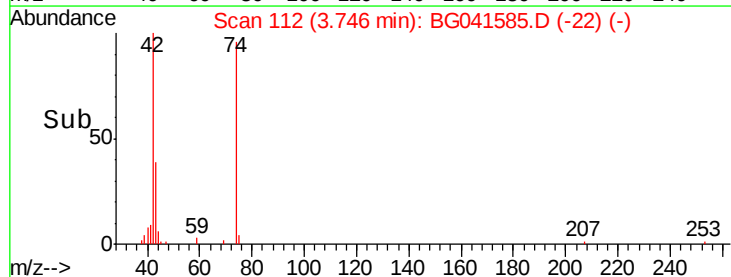
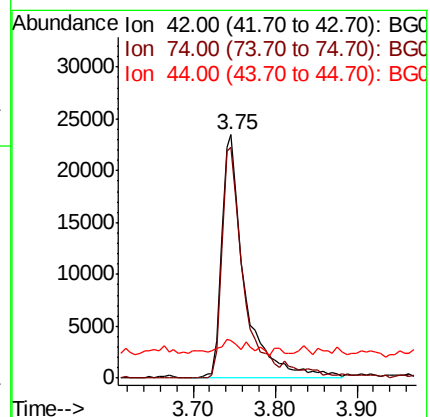
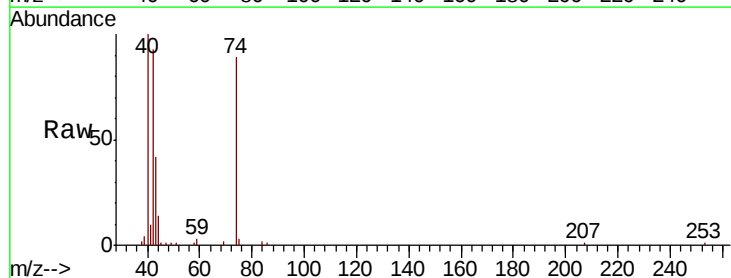
Tgt Ion: 42 Resp: 45868

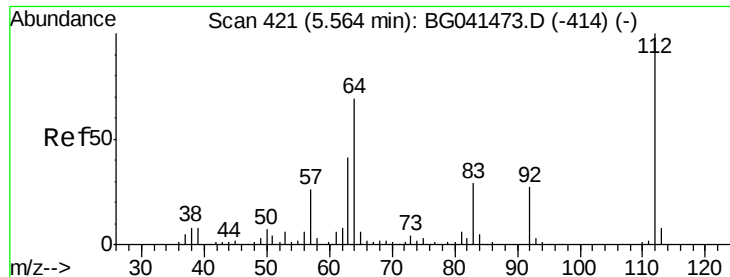
Ion Ratio Lower Upper

42 100

74 94.9 79.5 119.3

44 15.4 14.2 21.2





#5

2-Fluorophenol

Concen: 145.969 ng

RT: 5.57 min Scan# 422

Delta R.T. 0.00 min

Lab File: BG041585.D

Acq: 3 Jul 2019 11:23

Instrument :

BNA_G

ClientSampled :

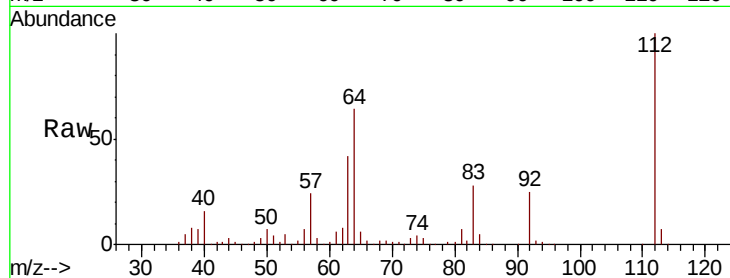
Tot Ion:112 Resp: 227912

Ion Ratio Lower Upper

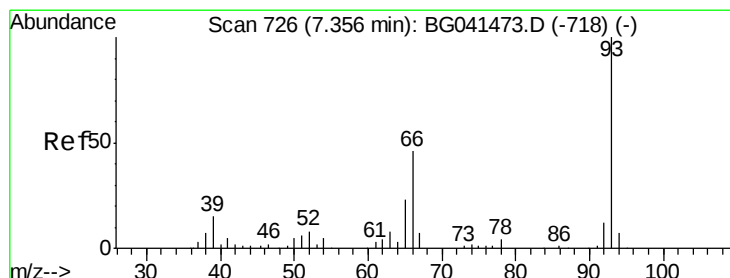
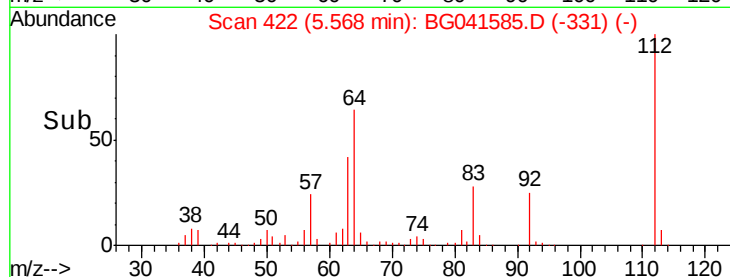
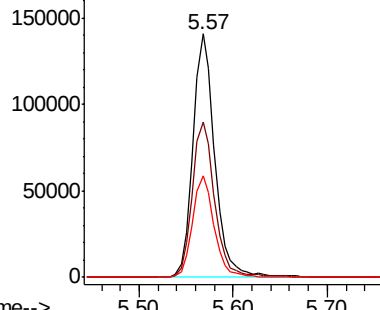
112 100

64 63.9 55.1 82.7

63 41.6 32.4 48.6



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 25.297 ng

RT: 7.35 min Scan# 726

Delta R.T. -0.00 min

Lab File: BG041585.D

Acq: 3 Jul 2019 11:23

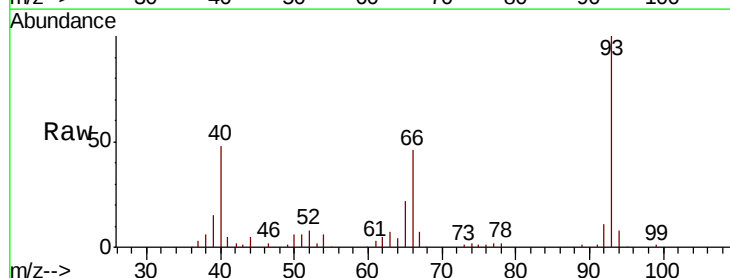
Tgt Ion: 93 Resp: 71671

Ion Ratio Lower Upper

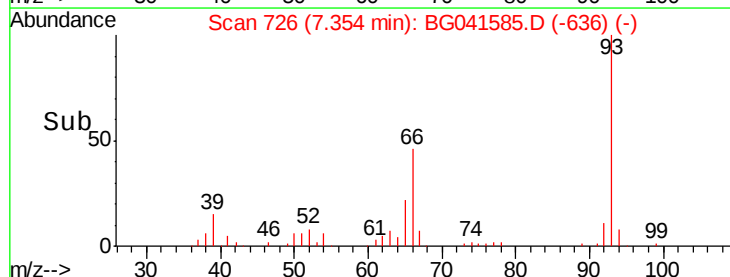
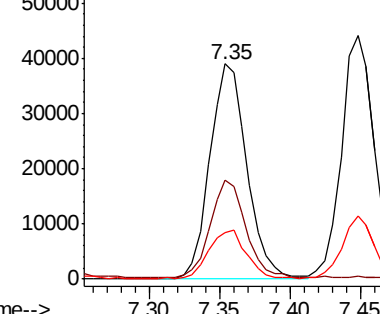
93 100

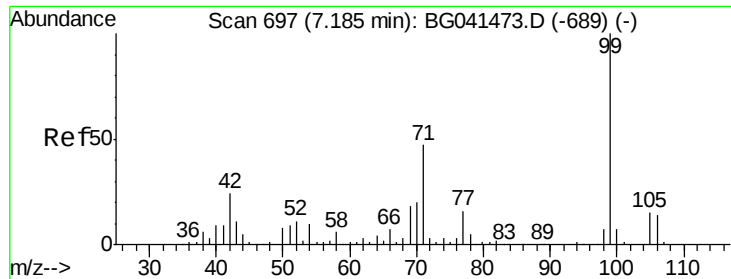
66 46.2 37.4 56.0

65 21.6 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: 142.718 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG041585.D

Acq: 3 Jul 2019 11:23

Instrument :
BNA_G
ClientSampleId :

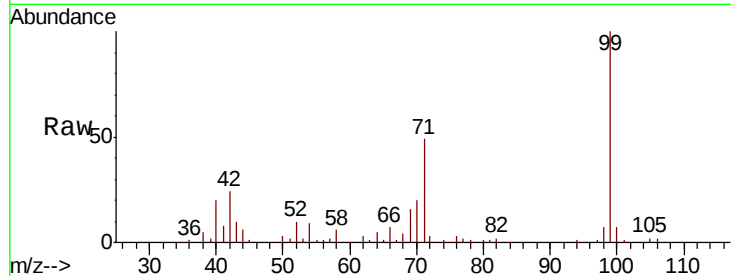
Tot Ion: 99 Resp: 313696

Ion Ratio Lower Upper

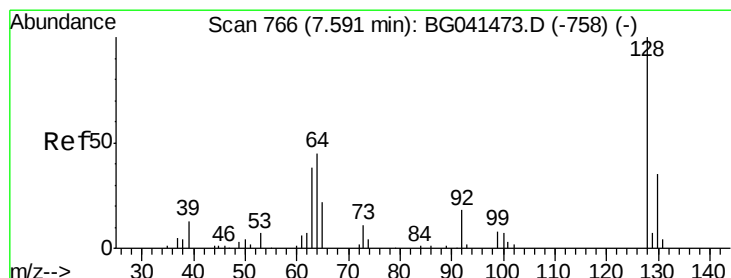
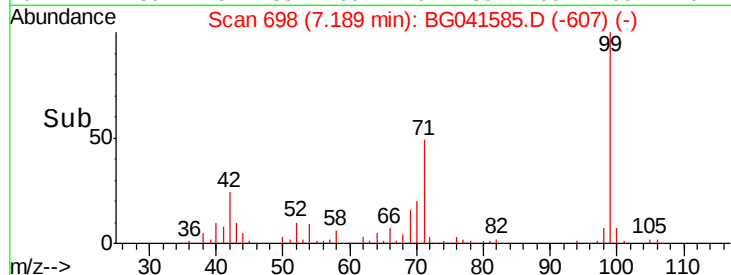
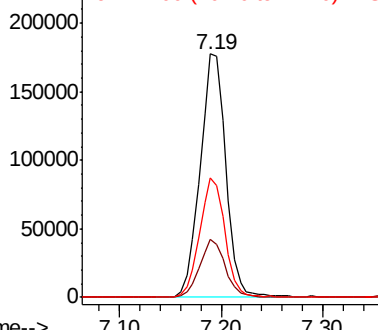
99 100

42 24.0 19.0 28.6

71 49.1 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: 47.974 ng

RT: 7.59 min Scan# 766

Delta R.T. -0.00 min

Lab File: BG041585.D

Acq: 3 Jul 2019 11:23

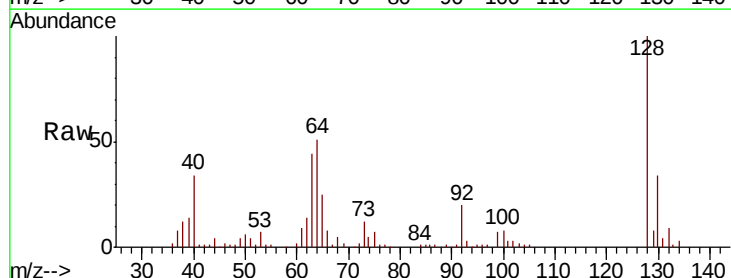
Tgt Ion: 128 Resp: 84006

Ion Ratio Lower Upper

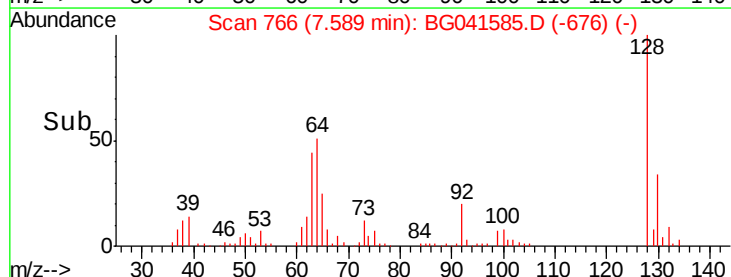
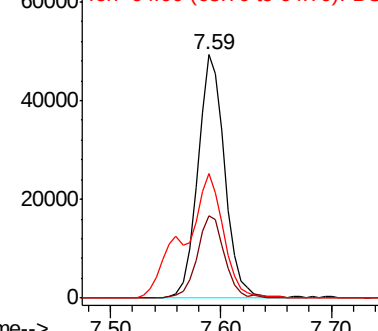
128 100

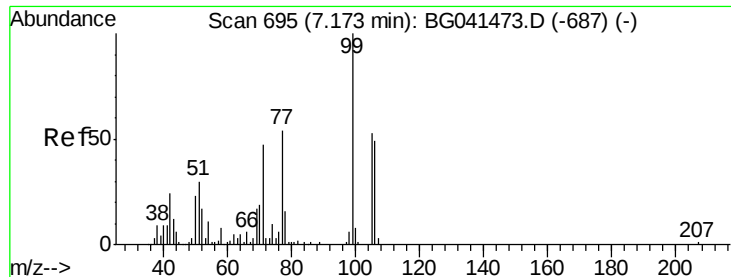
130 33.8 15.0 55.0

64 51.2 33.3 73.3



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





#9

Benzaldehyde

Concen: 10.936 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.00 min

Lab File: BG041585.D

Acq: 3 Jul 2019 11:23

Instrument :

BNA_G

ClientSampleId :

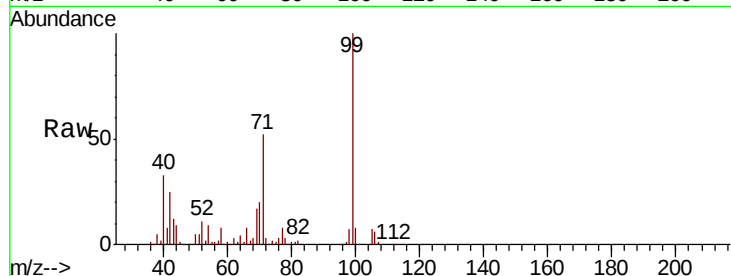
Tot Ion: 77 Resp: 14517

Ion Ratio Lower Upper

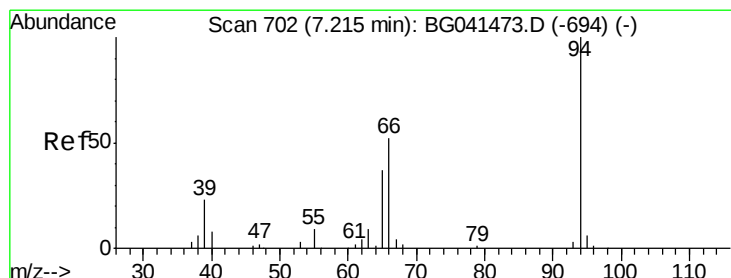
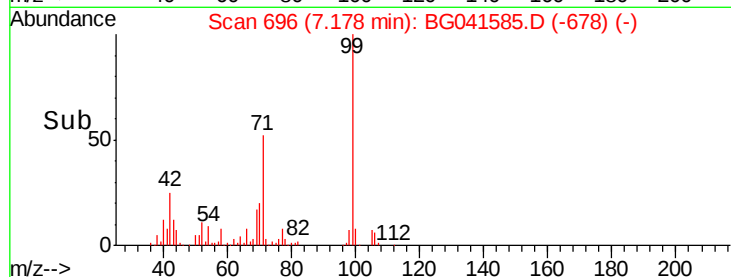
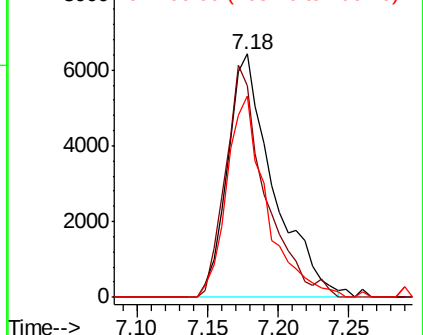
77 100

105 87.0 77.8 117.8

106 82.7 70.1 110.1



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



#10

Phenol

Concen: 48.102 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.00 min

Lab File: BG041585.D

Acq: 3 Jul 2019 11:23

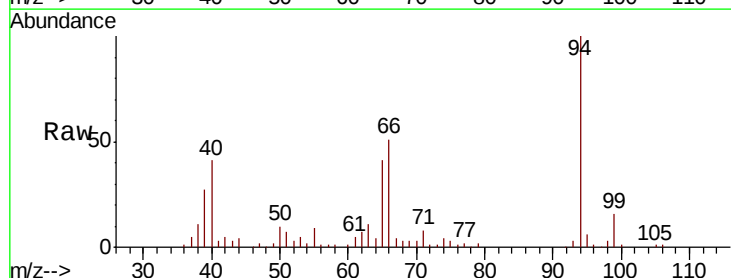
Tgt Ion: 94 Resp: 106556

Ion Ratio Lower Upper

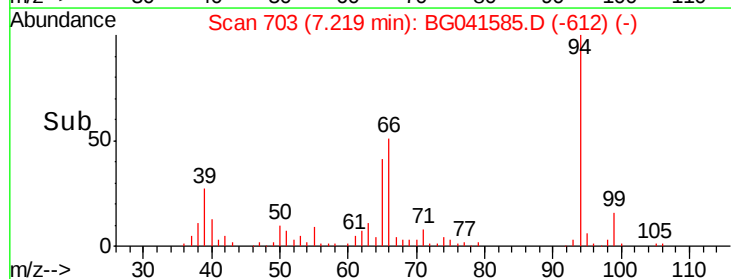
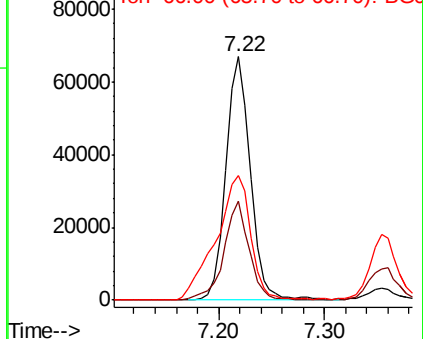
94 100

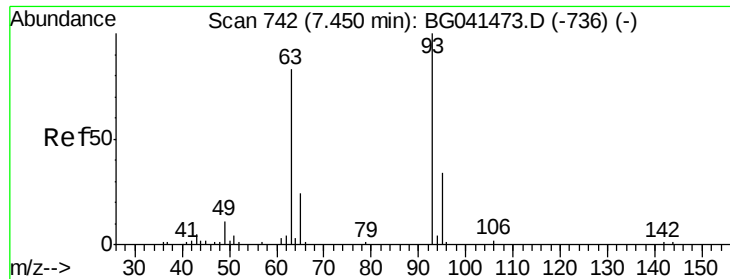
65 40.5 17.9 57.9

66 51.2 34.4 74.4



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

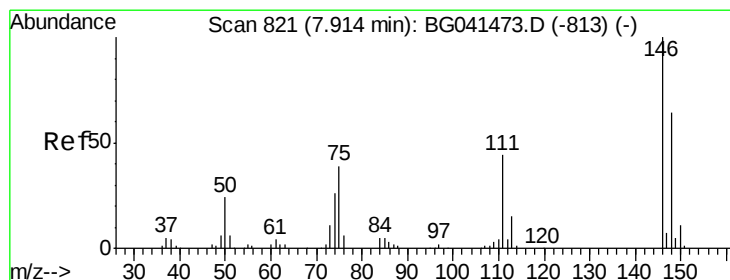
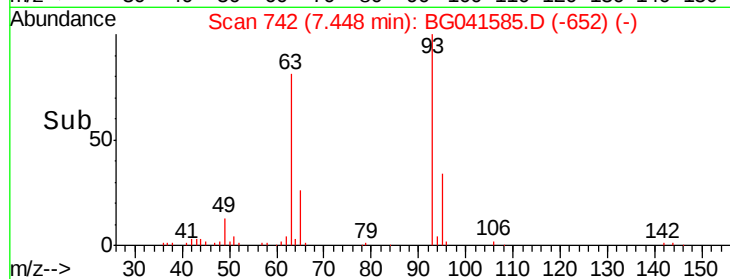
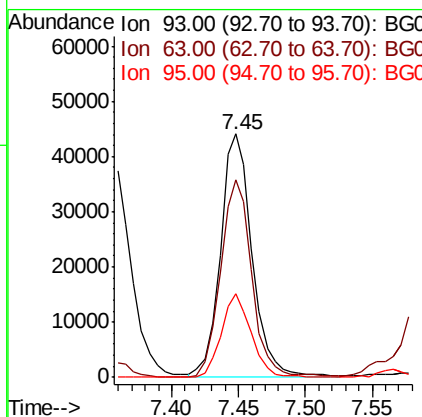
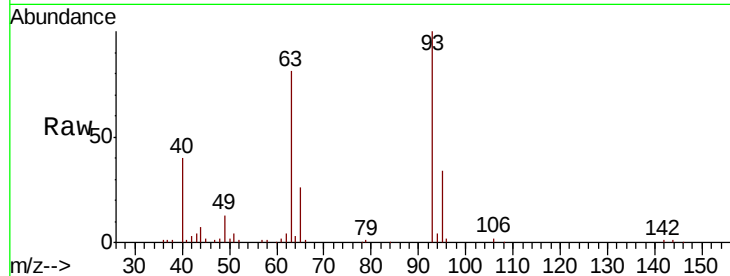




#11
 bis(2-Chloroethyl)ether
 Concen: 41.889 ng
 RT: 7.45 min Scan# 742
 Delta R.T. -0.00 min
 Lab File: BG041585.D
 Acq: 3 Jul 2019 11:23

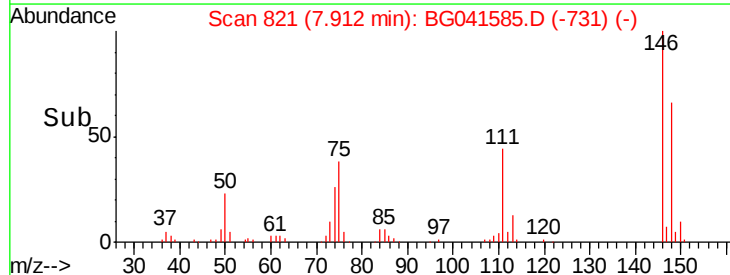
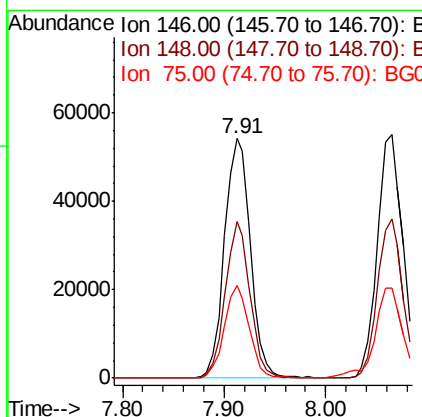
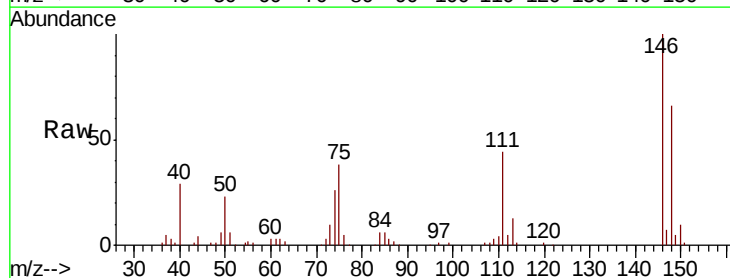
Instrument :
 BNA_G
 ClientSampleId :

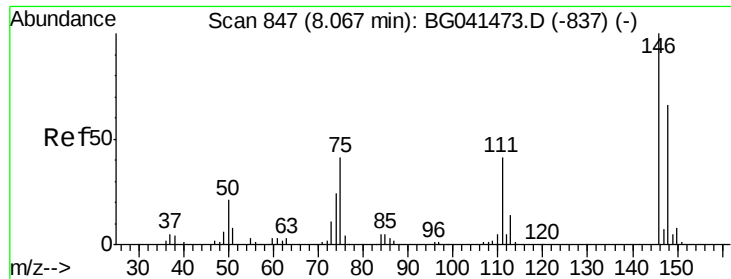
Tot Ion: 93 Resp: 73589
 Ion Ratio Lower Upper
 93 100
 63 81.2 62.0 102.0
 95 34.4 13.0 53.0



#12
 1,3-Dichlorobenzene
 Concen: 42.351 ng
 RT: 7.91 min Scan# 821
 Delta R.T. -0.00 min
 Lab File: BG041585.D
 Acq: 3 Jul 2019 11:23

Tgt Ion: 146 Resp: 95933
 Ion Ratio Lower Upper
 146 100
 148 65.5 51.1 76.7
 75 38.5 31.0 46.6

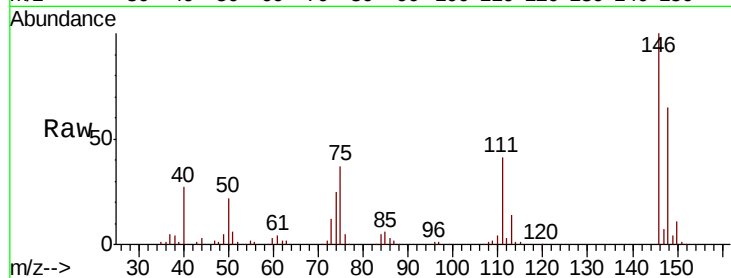




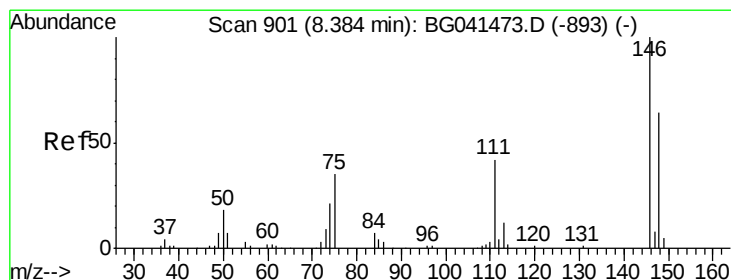
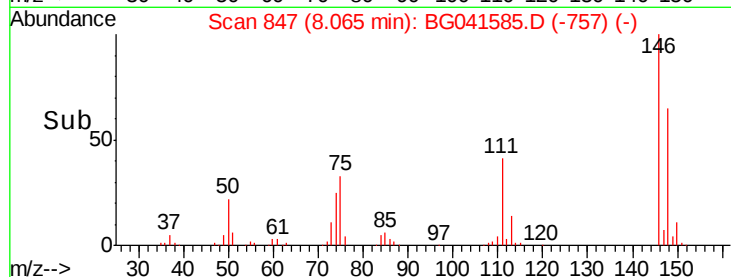
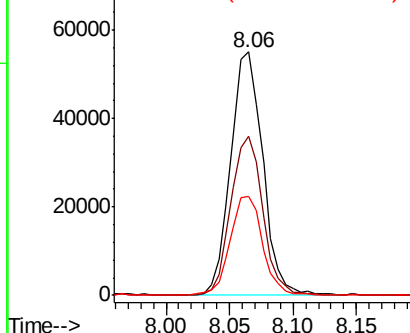
#13
 1,4-Dichlorobenzene
 Concen: 42.278 ng
 RT: 8.06 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: BG041585.D
 Acq: 3 Jul 2019 11:23

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 96543
 Ion Ratio Lower Upper
 146 100
 148 65.3 52.8 79.2
 111 40.8 33.1 49.7

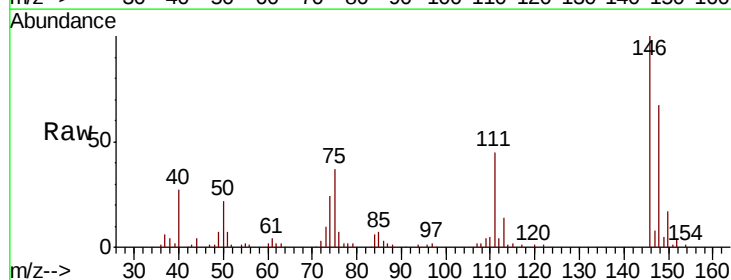


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

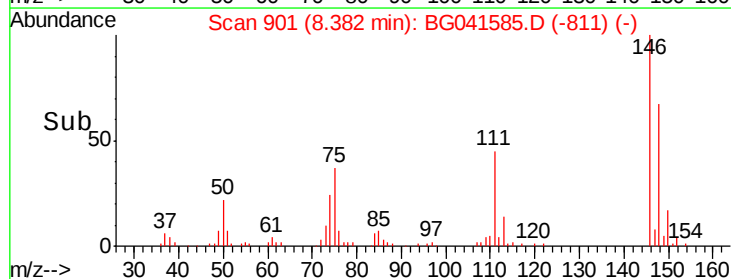
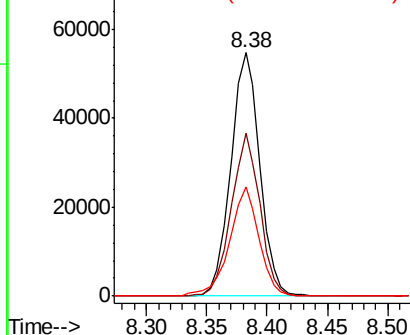


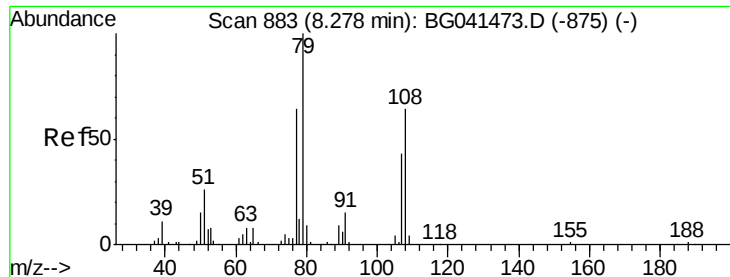
#14
 1,2-Dichlorobenzene
 Concen: 41.773 ng
 RT: 8.38 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: BG041585.D
 Acq: 3 Jul 2019 11:23

Tgt Ion:146 Resp: 91332
 Ion Ratio Lower Upper
 146 100
 148 67.0 51.3 76.9
 111 44.7 34.3 51.5



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 46.601 ng

RT: 8.28 min Scan# 883

Delta R.T. -0.00 min

Lab File: BG041585.D

Acq: 3 Jul 2019 11:23

Instrument :

BNA_G

ClientSampled :

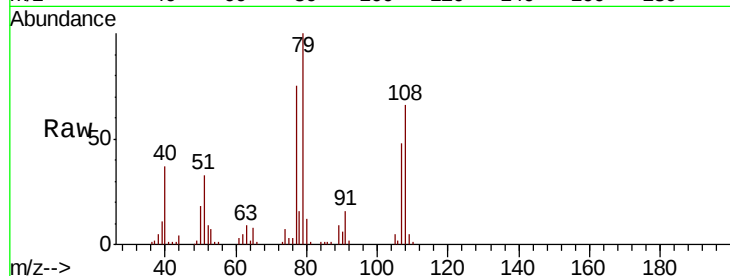
Tot Ion: 79 Resp: 81571

Ion Ratio Lower Upper

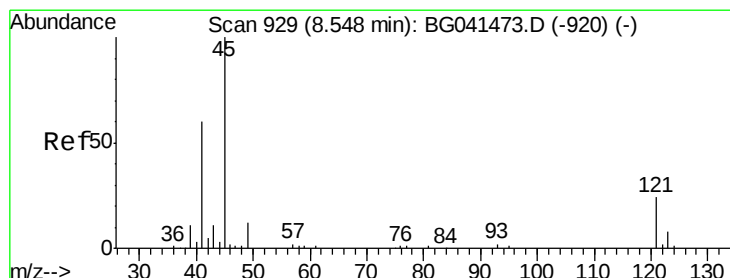
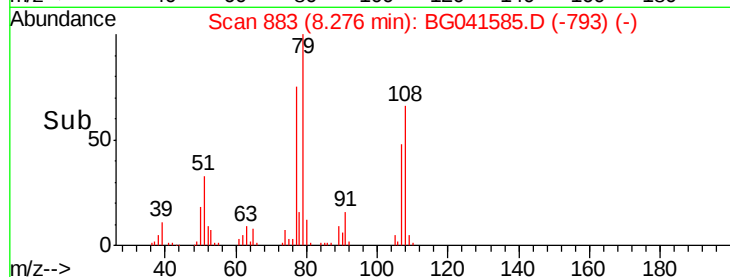
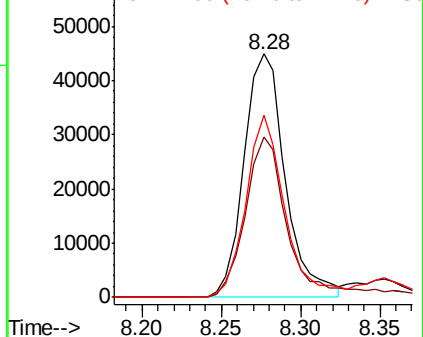
79 100

108 66.1 51.4 77.0

77 74.7 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: 37.549 ng

RT: 8.55 min Scan# 930

Delta R.T. 0.00 min

Lab File: BG041585.D

Acq: 3 Jul 2019 11:23

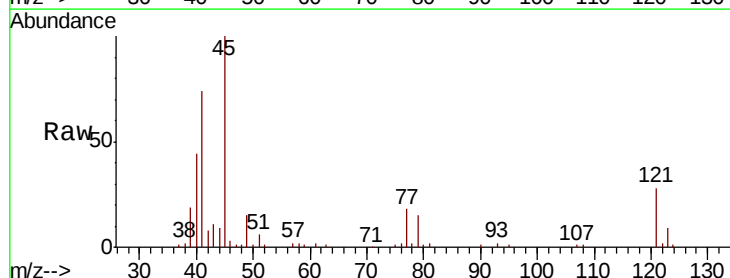
Tgt Ion: 45 Resp: 92632

Ion Ratio Lower Upper

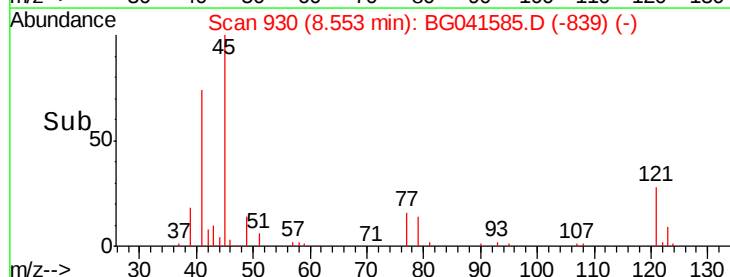
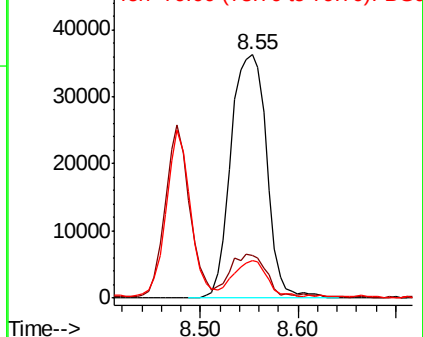
45 100

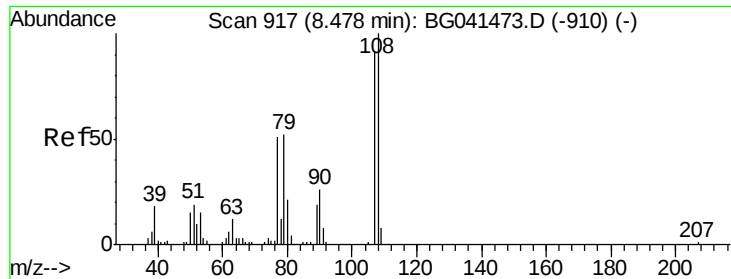
77 17.7 0.0 36.3

79 15.2 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

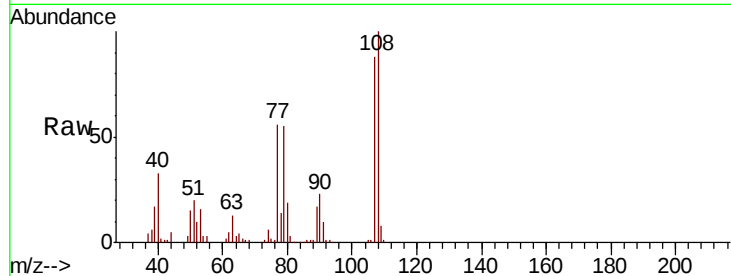




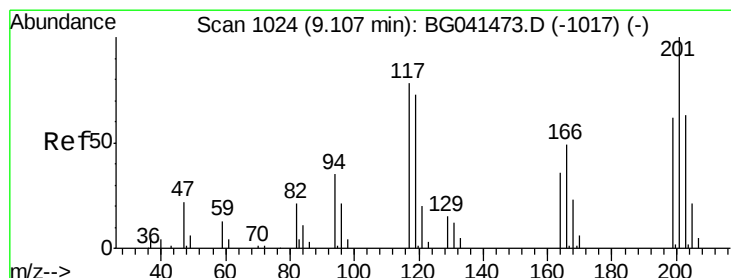
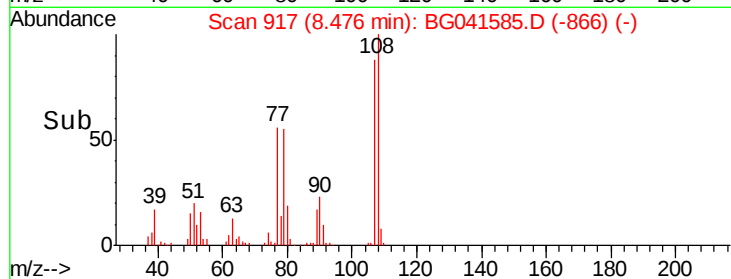
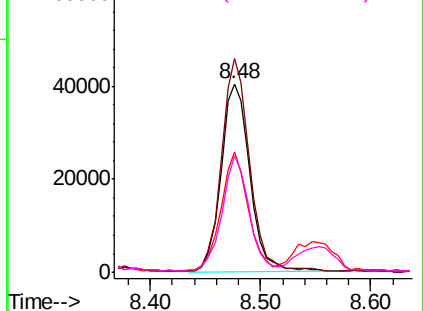
#17
2-Methylphenol
Concen: 45.606 ng
RT: 8.48 min Scan# 917
Delta R.T. -0.00 min
Lab File: BG041585.D
Acq: 3 Jul 2019 11:23

Instrument :
BNA_G
ClientSampleID :

Tot Ion:107 Resp: 73542
Ion Ratio Lower Upper
107 100
108 113.2 88.0 132.0
77 63.6 45.3 67.9
79 61.8 47.3 70.9

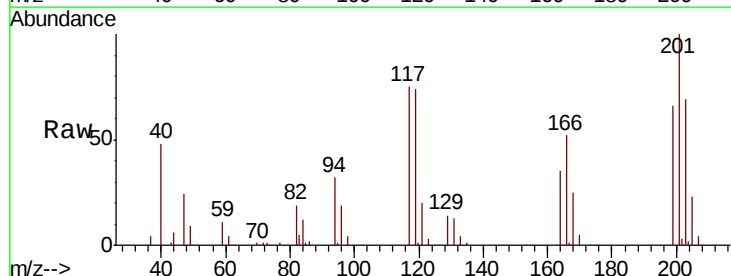


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

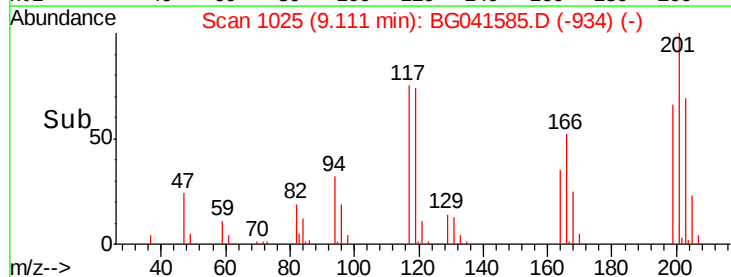
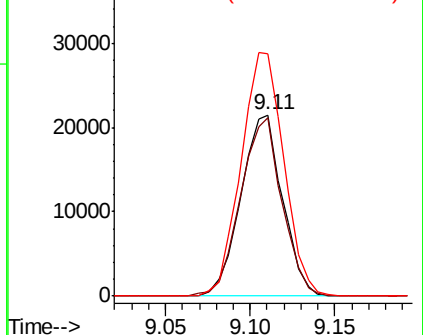


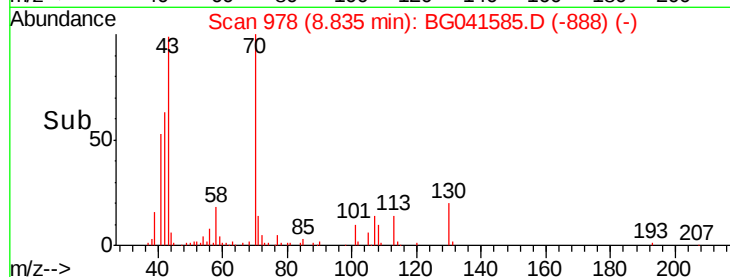
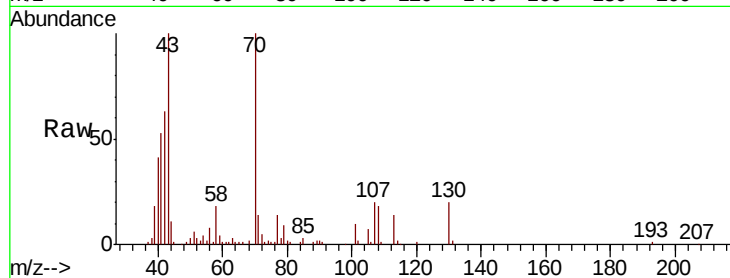
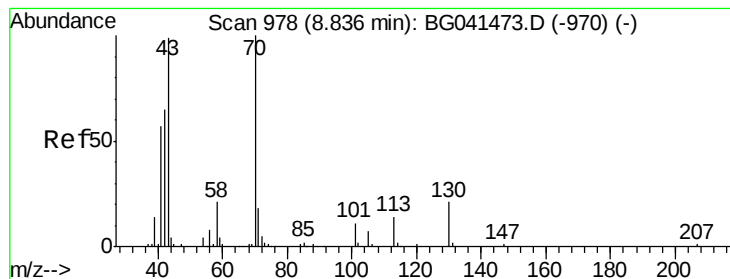
#18
Hexachloroethane
Concen: 40.516 ng
RT: 9.11 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BG041585.D
Acq: 3 Jul 2019 11:23

Tgt Ion:117 Resp: 36506
Ion Ratio Lower Upper
117 100
119 98.5 74.3 111.5
201 133.6 102.3 153.5



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: 39.614 ng

RT: 8.83 min Scan# 978

Delta R.T. -0.00 min

Lab File: BG041585.D

Acq: 3 Jul 2019 11:23

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 64948

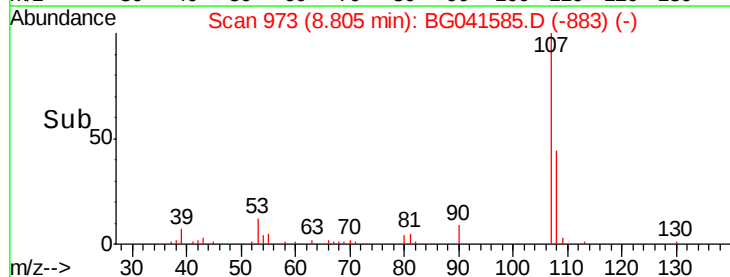
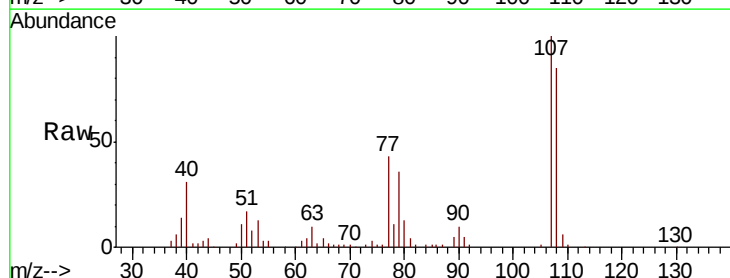
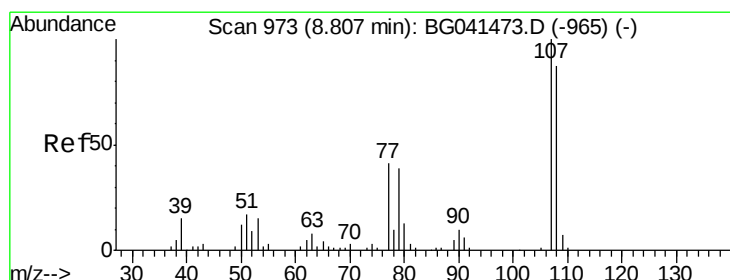
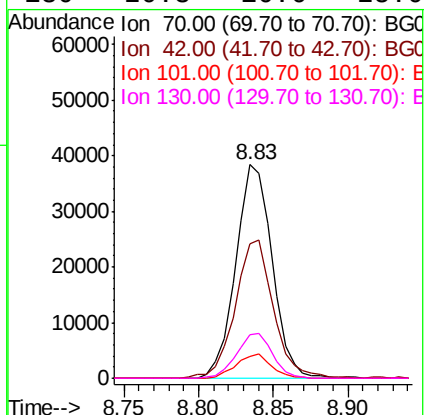
Ion Ratio Lower Upper

70 100

42 62.9 52.6 78.8

101 10.3 8.6 13.0

130 20.3 16.6 25.0



#20

3+4-Methylphenols

Concen: 46.539 ng

RT: 8.81 min Scan# 973

Delta R.T. -0.00 min

Lab File: BG041585.D

Acq: 3 Jul 2019 11:23

Tgt Ion:107 Resp: 100025

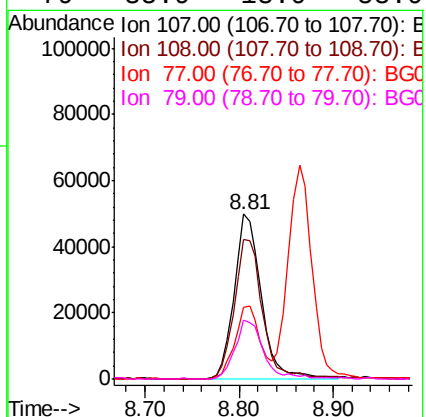
Ion Ratio Lower Upper

107 100

108 84.6 67.0 107.0

77 43.2 20.6 60.6

79 35.9 18.9 58.9

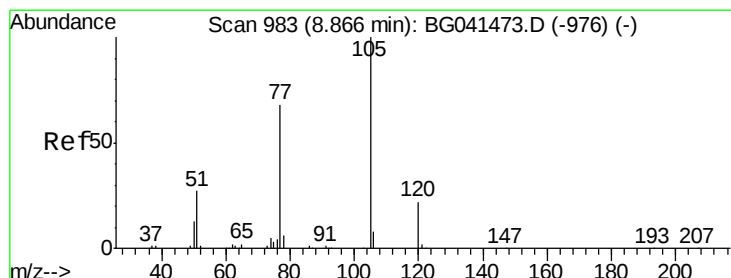
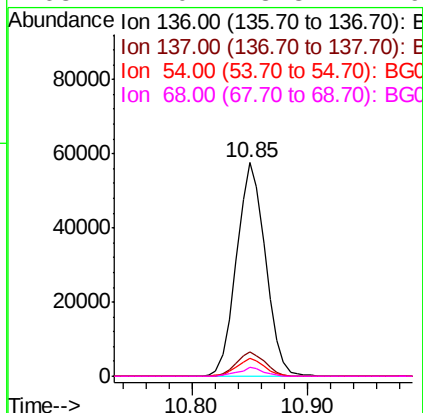
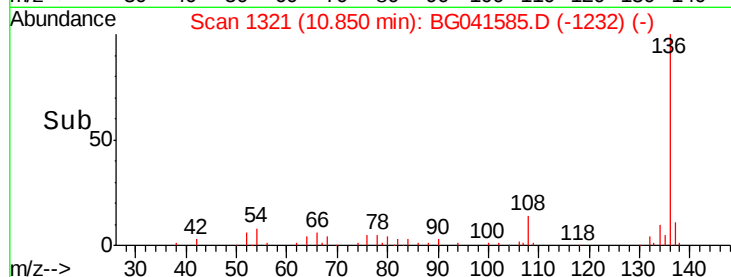
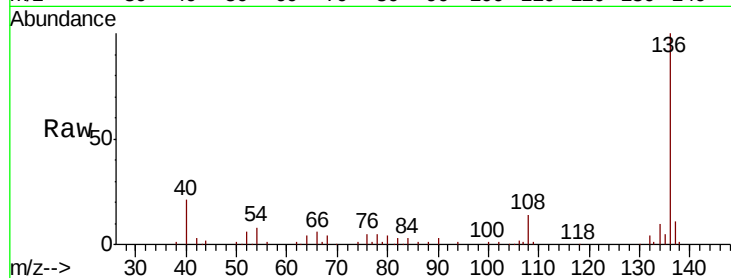




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG041585.D
Acq: 3 Jul 2019 11:23

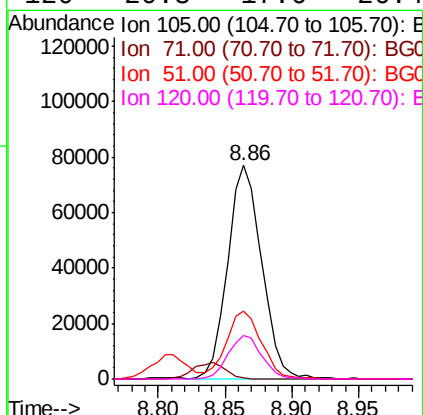
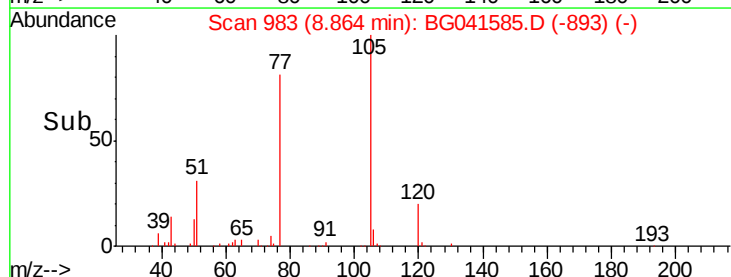
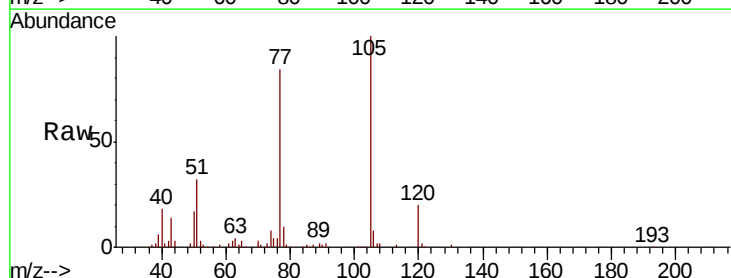
Instrument :
BNA_G
ClientSampleId :

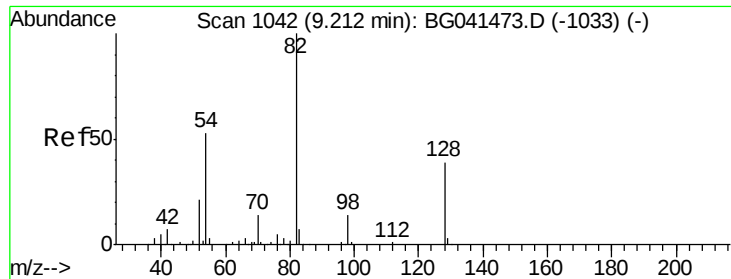
Tot Ion:136	Resp:	99910
Ion Ratio	Lower	Upper
136	100	
137	11.4	9.3 13.9
54	8.5	7.1 10.7
68	4.0	3.3 4.9



#22
Acetophenone
Concen: 45.883 ng
RT: 8.86 min Scan# 983
Delta R.T. -0.00 min
Lab File: BG041585.D
Acq: 3 Jul 2019 11:23

Tgt Ion:105	Resp:	137506
Ion Ratio	Lower	Upper
105	100	
71	0.6	0.5 0.7
51	31.9	25.0 37.6
120	20.3	17.6 26.4

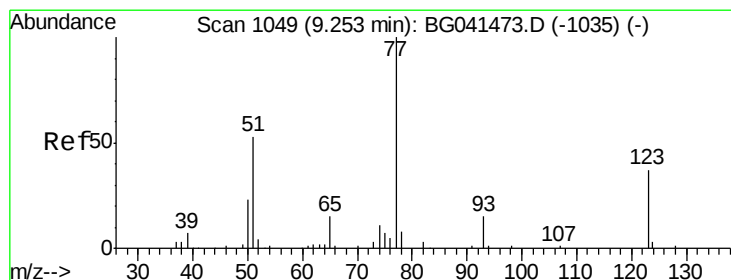
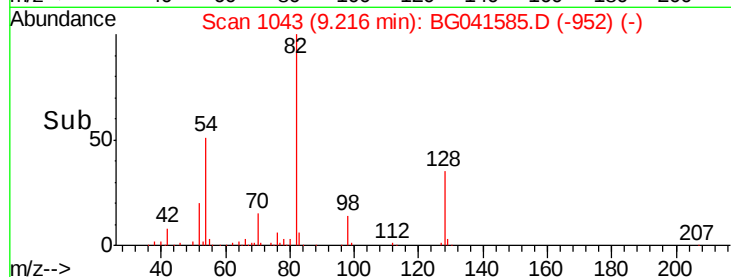
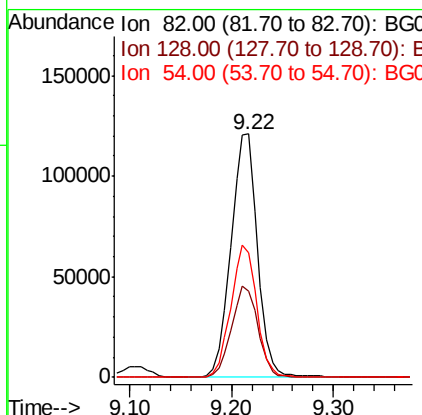
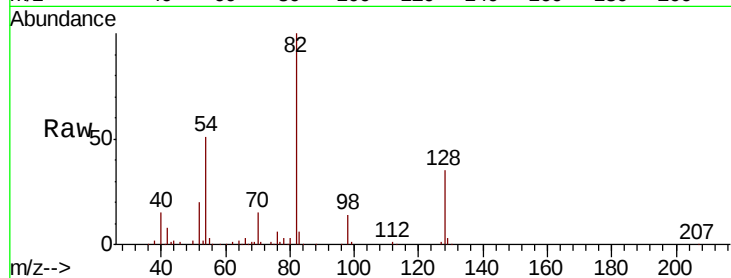




#23
 Nitrobenzene-d5
 Concen: 91.333 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BG041585.D
 Acq: 3 Jul 2019 11:23

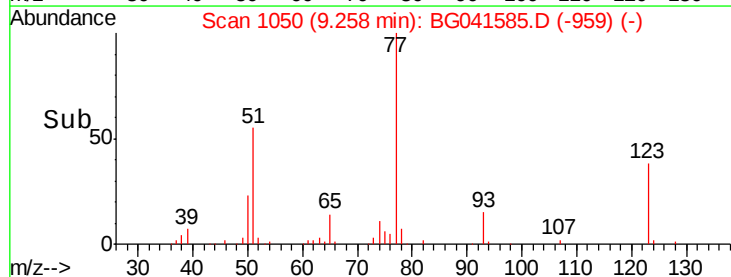
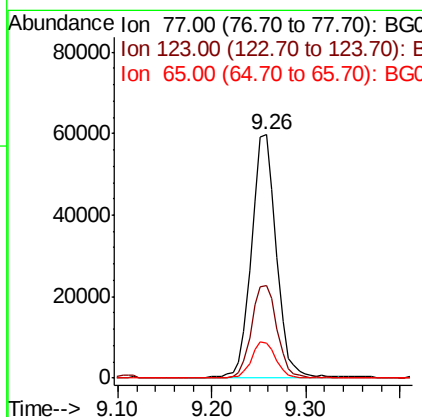
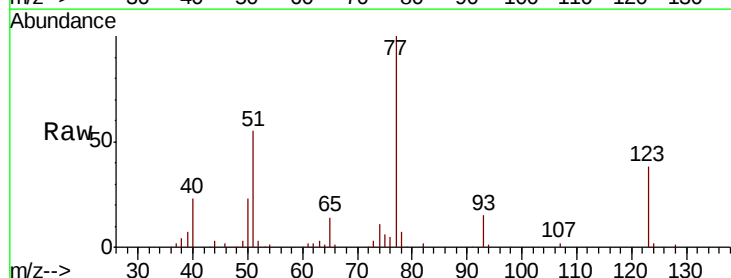
Instrument :
 BNA_G
 ClientSampleId :

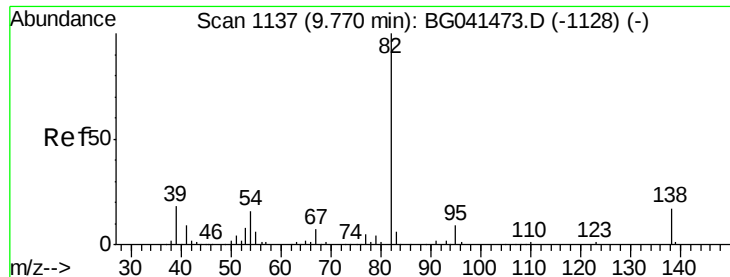
Tot Ion	82	Resp	218789
Ion Ratio	Lower	Upper	
82	100		
128	35.4	30.9	46.3
54	51.4	42.2	63.2



#24
 Nitrobenzene
 Concen: 45.653 ng
 RT: 9.26 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BG041585.D
 Acq: 3 Jul 2019 11:23

Tgt Ion	77	Resp	109774
Ion Ratio	Lower	Upper	
77	100		
123	38.0	29.9	44.9
65	14.2	12.2	18.4





#25

Isophorone

Concen: 44.357 ng

RT: 9.77 min Scan# 1137

Delta R.T. -0.00 min

Lab File: BG041585.D

Acq: 3 Jul 2019 11:23

Instrument :

BNA_G

ClientSampled :

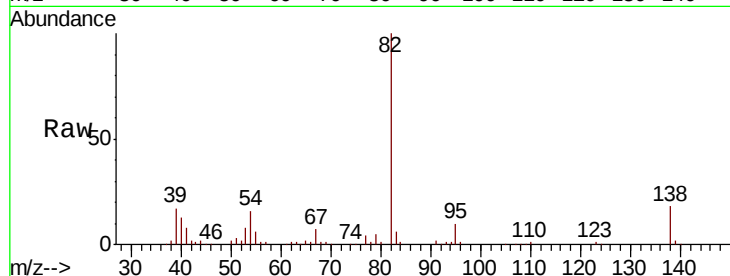
Tot Ion: 82 Resp: 190776

Ion Ratio Lower Upper

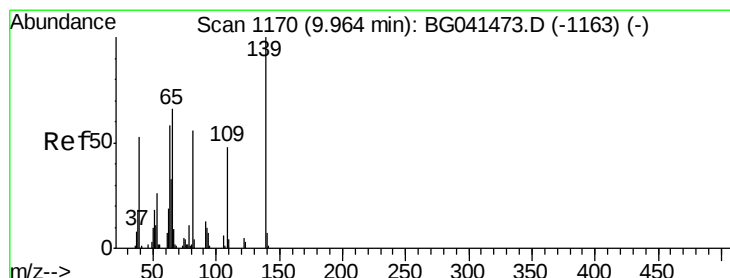
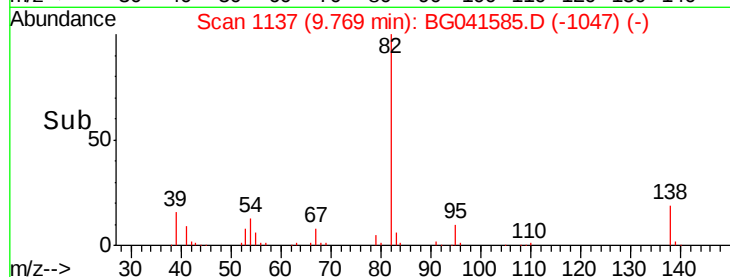
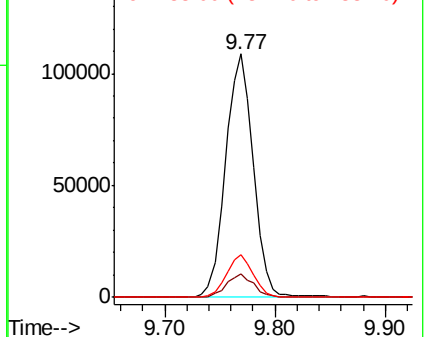
82 100

95 9.8 6.8 10.2

138 17.7 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: 45.973 ng

RT: 9.96 min Scan# 1170

Delta R.T. -0.00 min

Lab File: BG041585.D

Acq: 3 Jul 2019 11:23

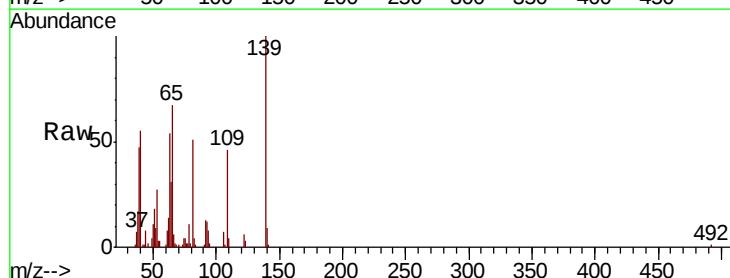
Tgt Ion: 139 Resp: 46165

Ion Ratio Lower Upper

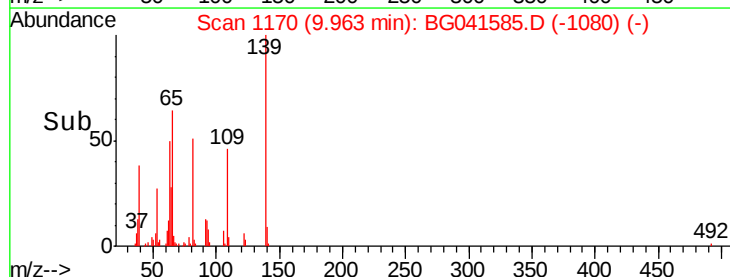
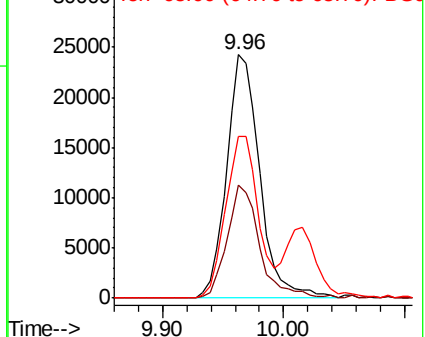
139 100

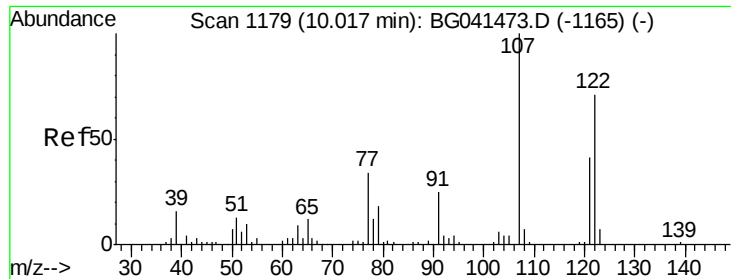
109 46.3 38.6 57.8

65 66.6 52.6 78.8



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

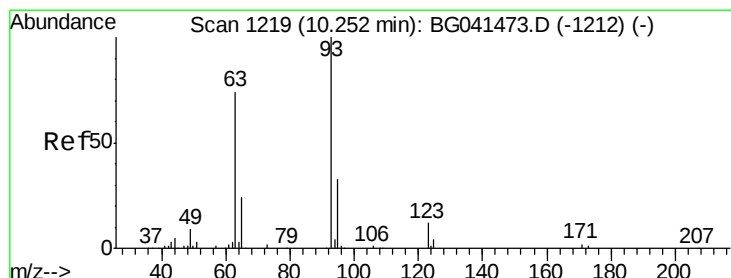
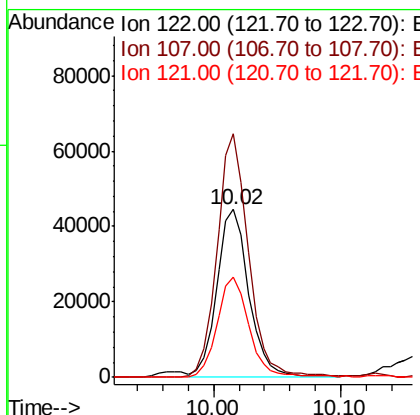
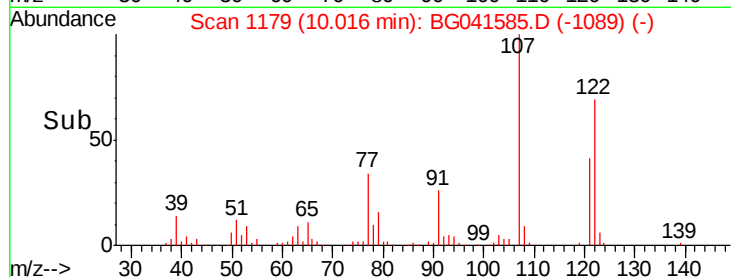
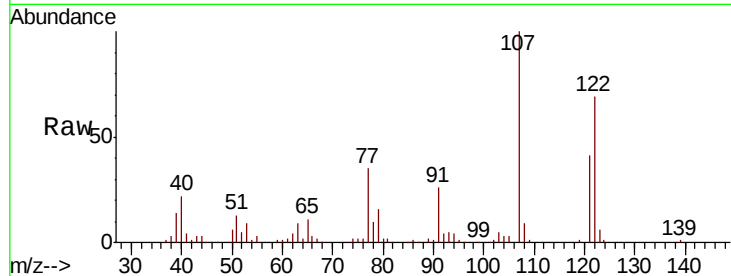




#27
 2,4-Dimethylphenol
 Concen: 55.312 ng
 RT: 10.02 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: BG041585.D
 Acq: 3 Jul 2019 11:23

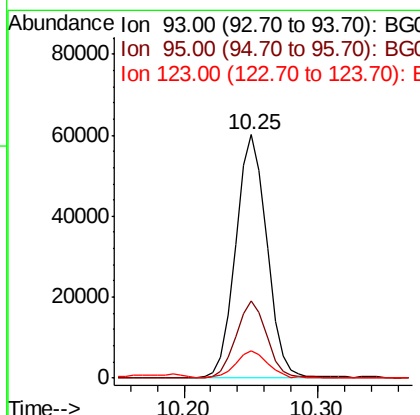
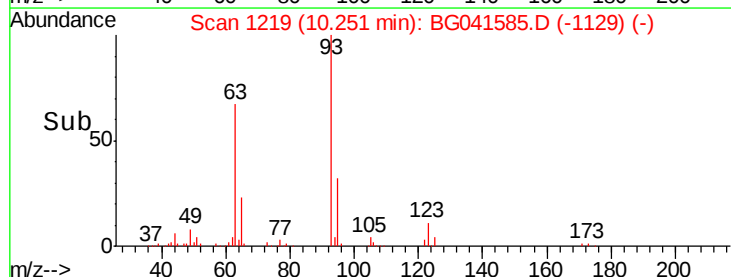
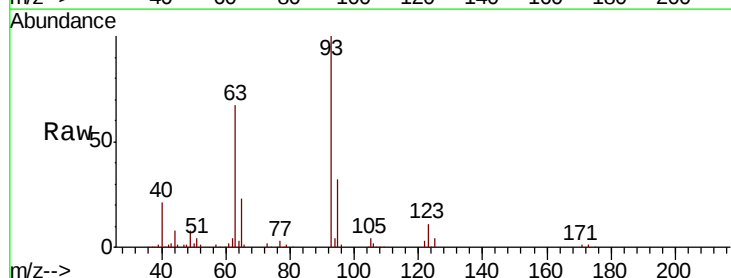
Instrument :
 BNA_G
 ClientSampleId :

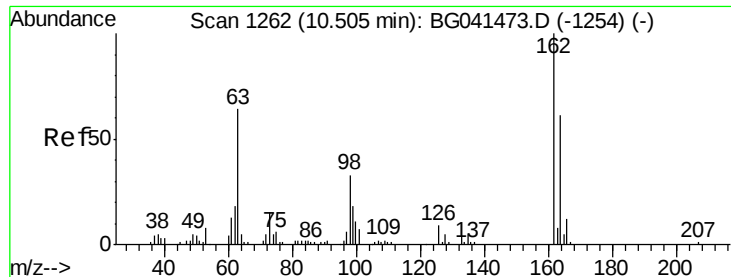
Tot Ion:122 Resp: 77304
 Ion Ratio Lower Upper
 122 100
 107 145.3 112.9 169.3
 121 59.6 46.1 69.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.759 ng
 RT: 10.25 min Scan# 1219
 Delta R.T. -0.00 min
 Lab File: BG041585.D
 Acq: 3 Jul 2019 11:23

Tgt Ion: 93 Resp: 97244
 Ion Ratio Lower Upper
 93 100
 95 31.5 26.2 39.2
 123 11.2 9.6 14.4

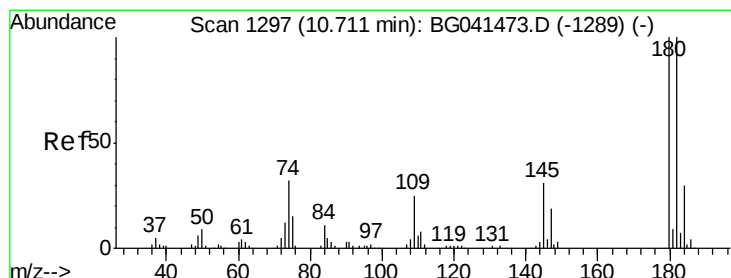
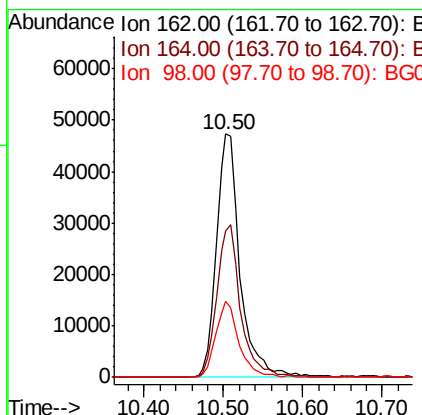
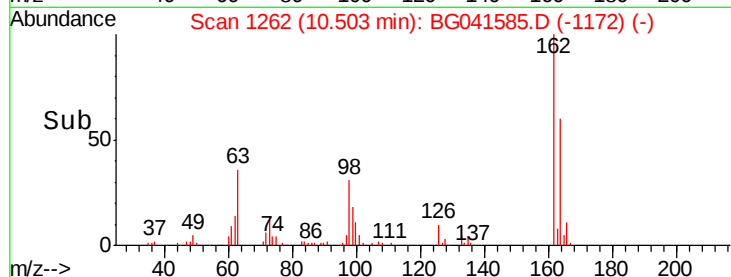
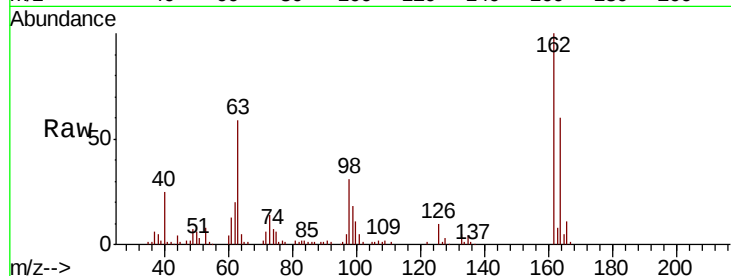




#29
 2,4-Dichlorophenol
 Concen: 51.559 ng
 RT: 10.50 min Scan# 1262
 Delta R.T. -0.00 min
 Lab File: BG041585.D
 Acq: 3 Jul 2019 11:23

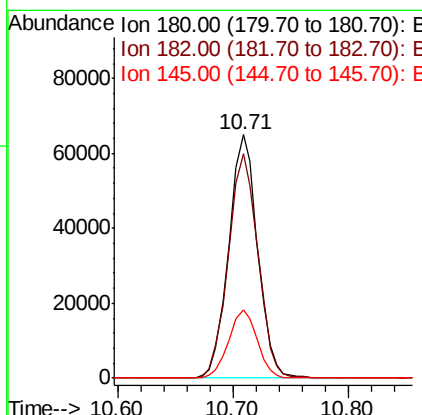
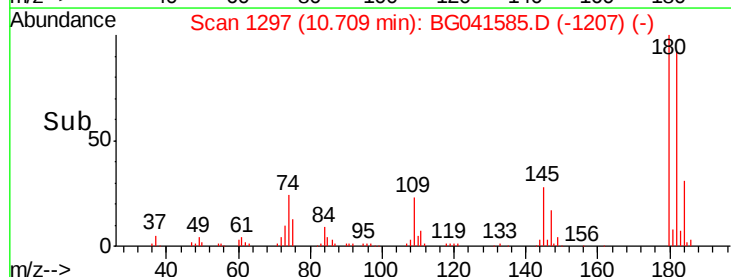
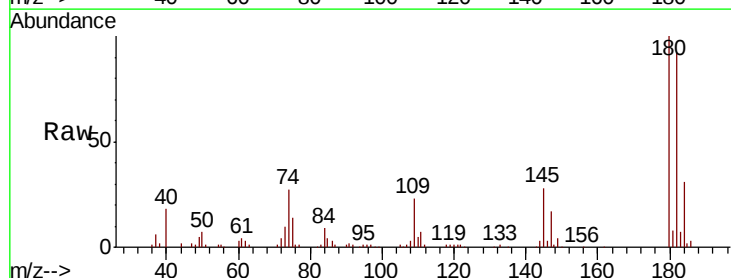
Instrument :
 BNA_G
 ClientSampleId :

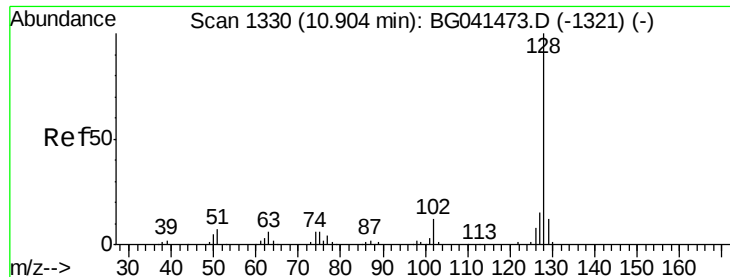
Tot Ion	Ratio	Lower	Upper
162	100		
164	60.0	41.3	81.3
98	31.4	13.2	53.2



#30
 1,2,4-Trichlorobenzene
 Concen: 46.405 ng
 RT: 10.71 min Scan# 1297
 Delta R.T. -0.00 min
 Lab File: BG041585.D
 Acq: 3 Jul 2019 11:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.2	79.9	119.9
145	28.0	24.7	37.1

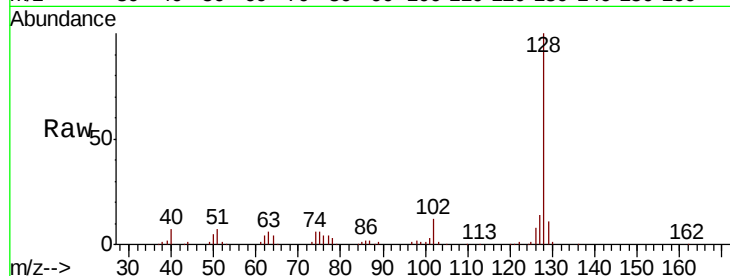




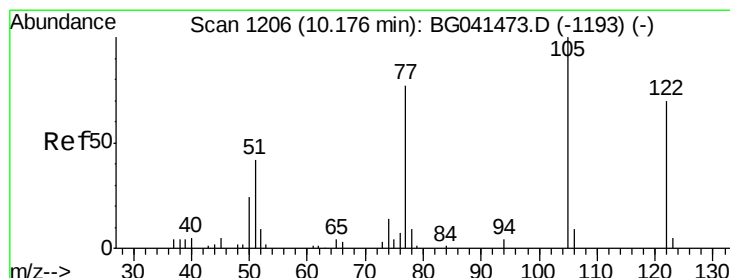
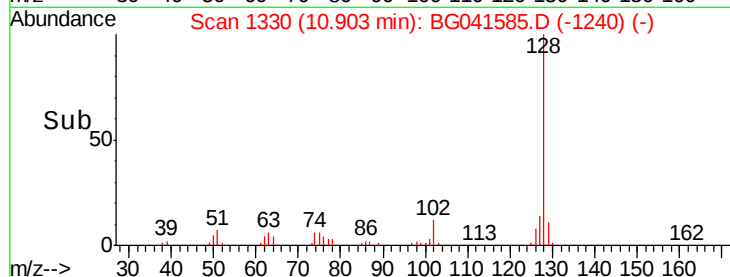
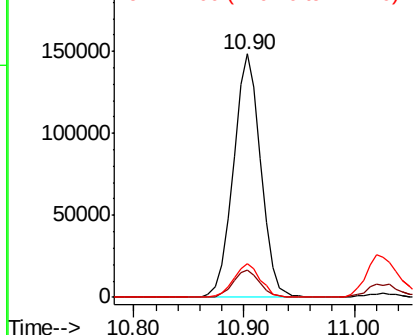
#31
Naphthalene
Concen: 46.469 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG041585.D
Acq: 3 Jul 2019 11:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 256757
Ion Ratio Lower Upper
128 100
129 11.2 9.7 14.5
127 14.1 11.6 17.4

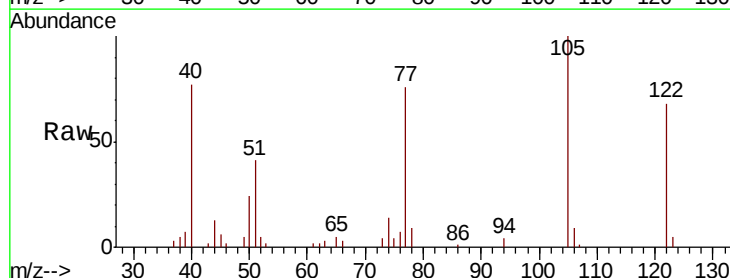


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

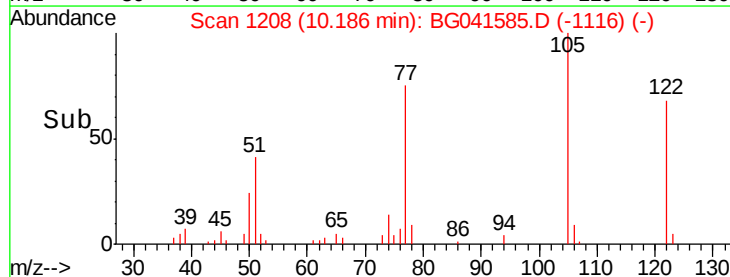
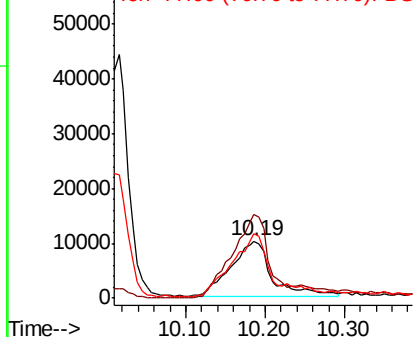


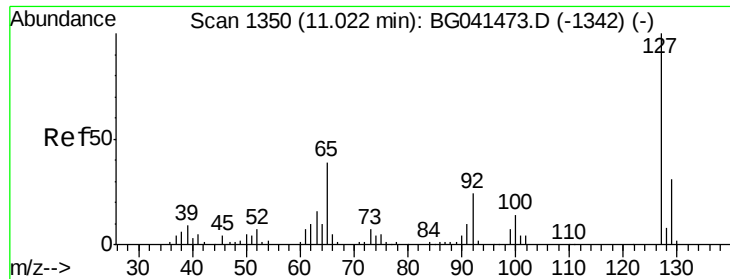
#32
Benzoic acid
Concen: 45.666 ng
RT: 10.19 min Scan# 1208
Delta R.T. 0.01 min
Lab File: BG041585.D
Acq: 3 Jul 2019 11:23

Tgt Ion:122 Resp: 36427
Ion Ratio Lower Upper
122 100
105 147.7 117.8 157.8
77 112.9 88.9 128.9



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

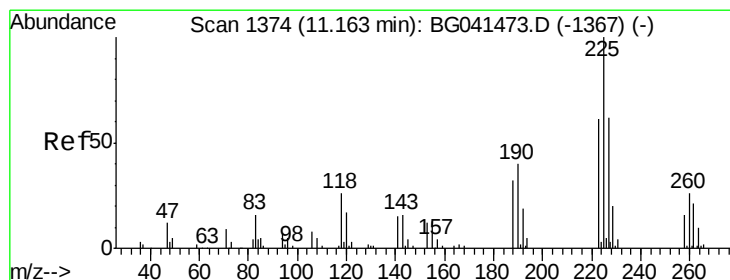
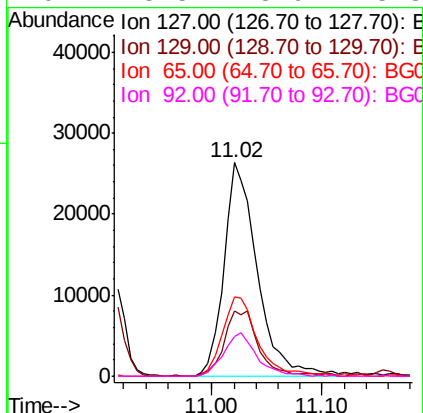
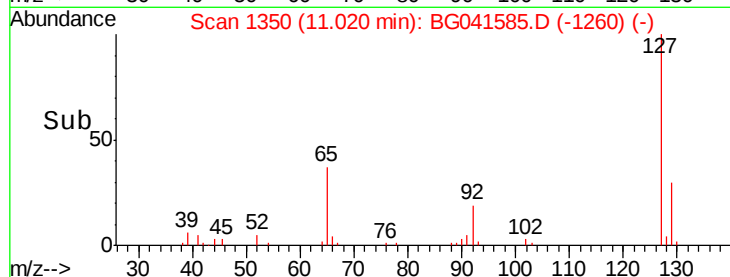
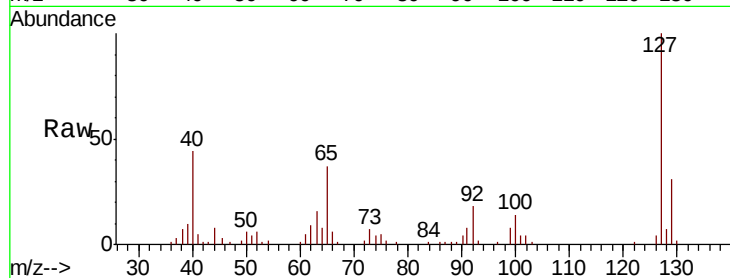




#33
 4-Chloroaniline
 Concen: 23.883 ng
 RT: 11.02 min Scan# 1350
 Delta R.T. -0.00 min
 Lab File: BG041585.D
 Acq: 3 Jul 2019 11:23

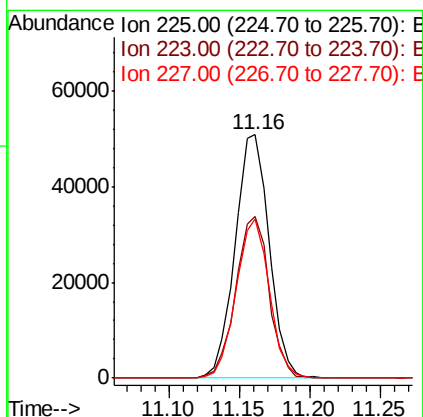
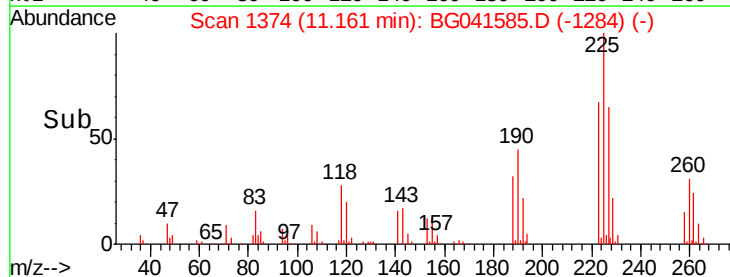
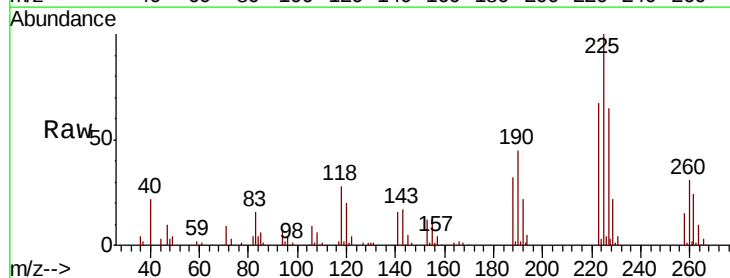
Instrument :
 BNA_G
 ClientSampleId :

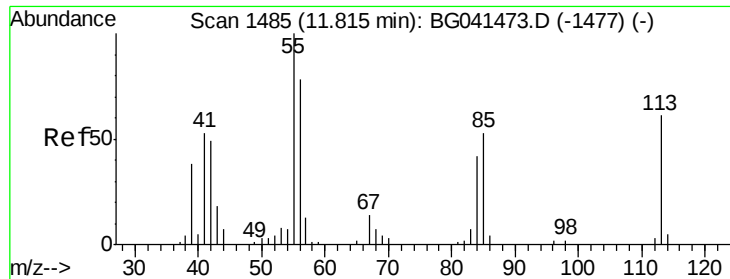
Tot Ion:127 Resp: 55548
 Ion Ratio Lower Upper
 127 100
 129 30.8 24.6 37.0
 65 36.9 31.5 47.3
 92 18.5 18.9 28.3#



#34
 Hexachlorobutadiene
 Concen: 44.757 ng
 RT: 11.16 min Scan# 1374
 Delta R.T. -0.00 min
 Lab File: BG041585.D
 Acq: 3 Jul 2019 11:23

Tgt Ion:225 Resp: 85960
 Ion Ratio Lower Upper
 225 100
 223 66.6 48.6 72.8
 227 65.5 49.3 73.9

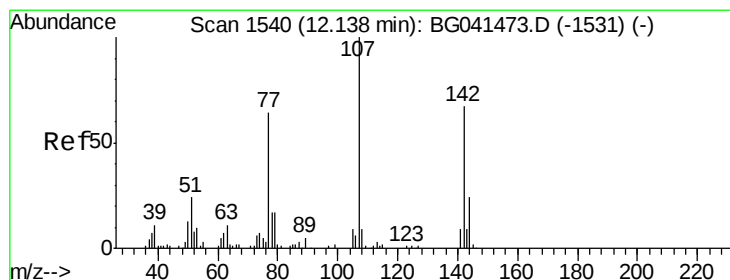
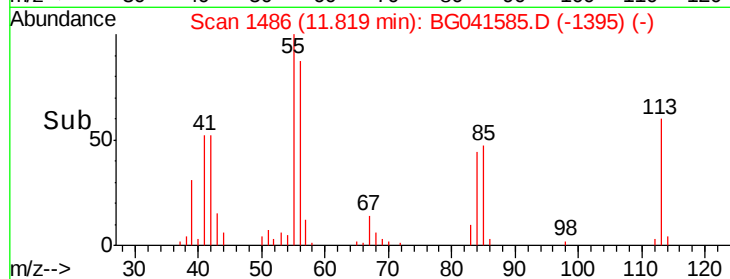
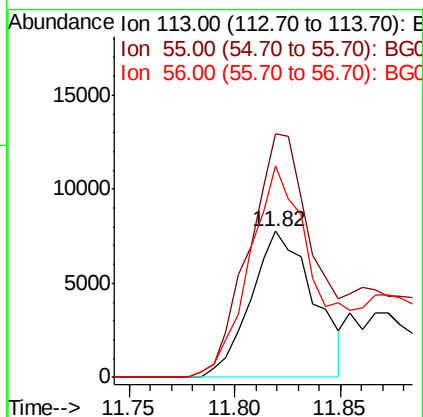
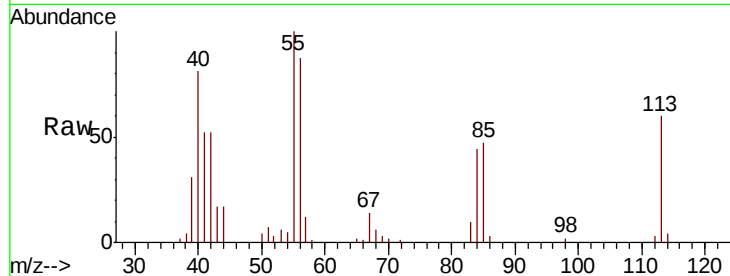




#35
 Caprolactam
 Concen: 27.236 ng
 RT: 11.82 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: BG041585.D
 Acq: 3 Jul 2019 11:23

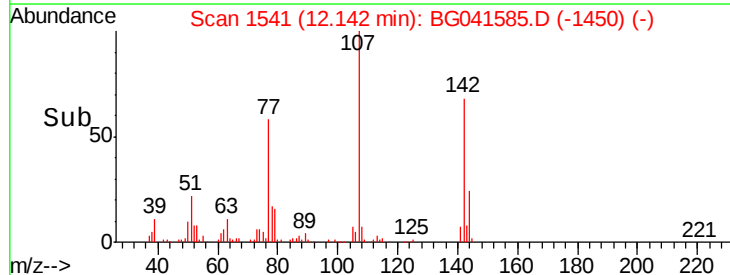
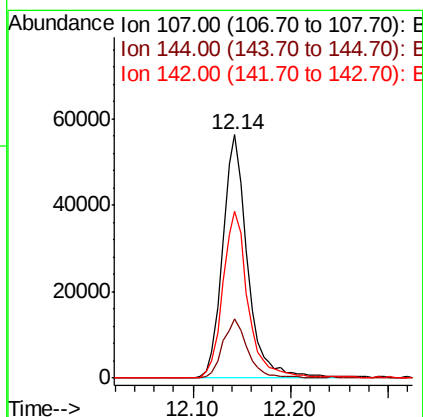
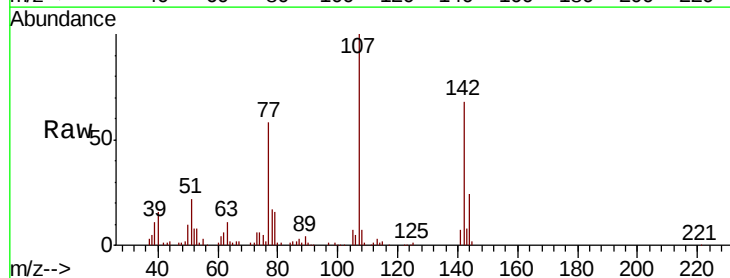
Instrument :
 BNA_G
 ClientSampled :

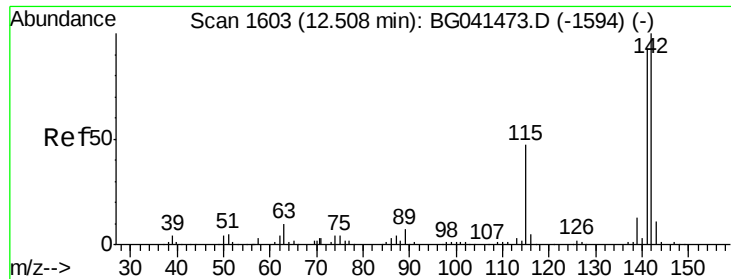
Tot Ion:113 Resp: 16054
 Ion Ratio Lower Upper
 113 100
 55 166.8 145.1 185.1
 56 145.2 109.4 149.4



#36
 4-Chloro-3-methylphenol
 Concen: 48.590 ng
 RT: 12.14 min Scan# 1541
 Delta R.T. 0.00 min
 Lab File: BG041585.D
 Acq: 3 Jul 2019 11:23

Tgt Ion:107 Resp: 99383
 Ion Ratio Lower Upper
 107 100
 144 24.2 19.4 29.0
 142 68.3 53.8 80.6

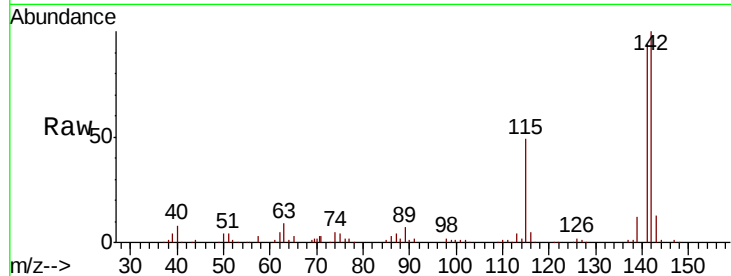




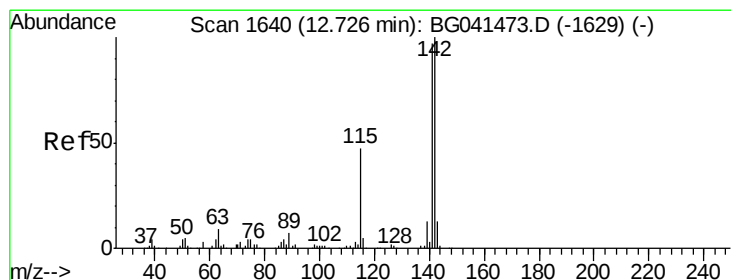
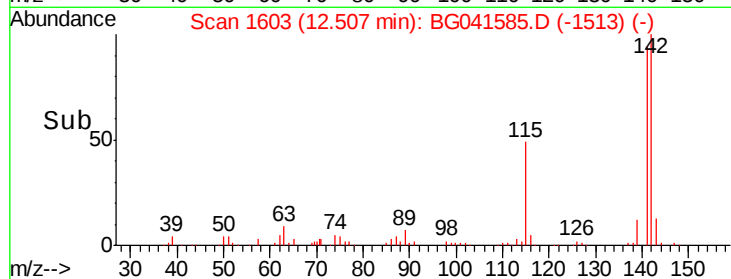
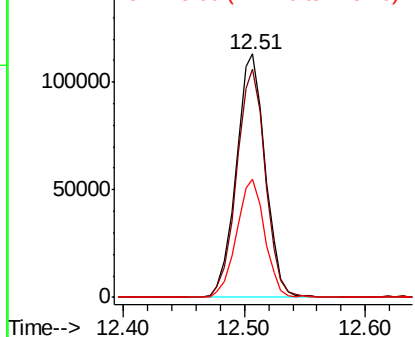
#37
2-Methylnaphthalene
Concen: 46.269 ng
RT: 12.51 min Scan# 1603
Delta R.T. -0.00 min
Lab File: BG041585.D
Acq: 3 Jul 2019 11:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion:142 Resp: 188870
Ion Ratio Lower Upper
142 100
141 93.6 74.8 112.2
115 48.6 38.0 57.0

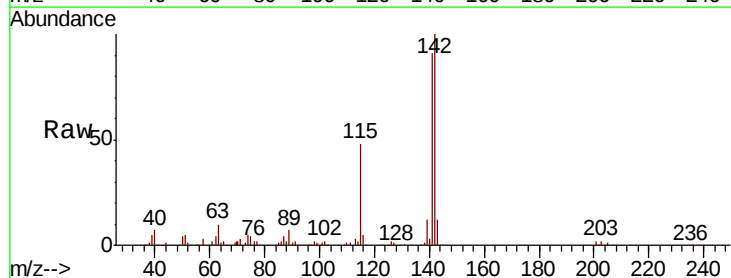


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

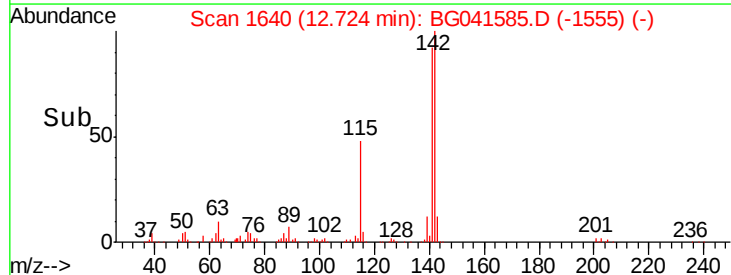
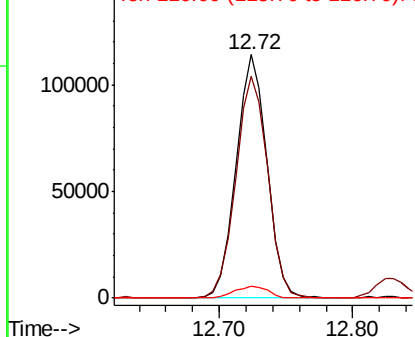


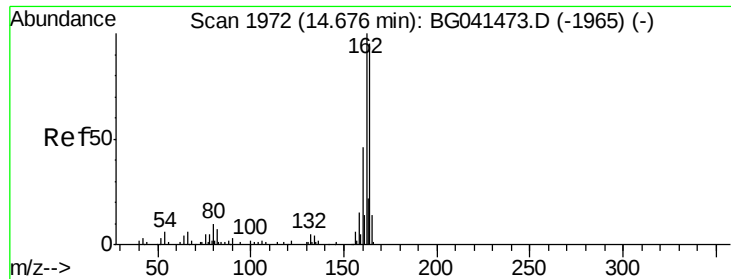
#38
1-Methylnaphthalene
Concen: 46.740 ng
RT: 12.72 min Scan# 1640
Delta R.T. -0.00 min
Lab File: BG041585.D
Acq: 3 Jul 2019 11:23

Tgt Ion:142 Resp: 182022
Ion Ratio Lower Upper
142 100
141 91.2 77.4 116.2
116 4.8 3.8 5.8



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1972

Delta R.T. -0.00 min

Lab File: BG041585.D

Acq: 3 Jul 2019 11:23

Instrument :

BNA_G

ClientSampleId :

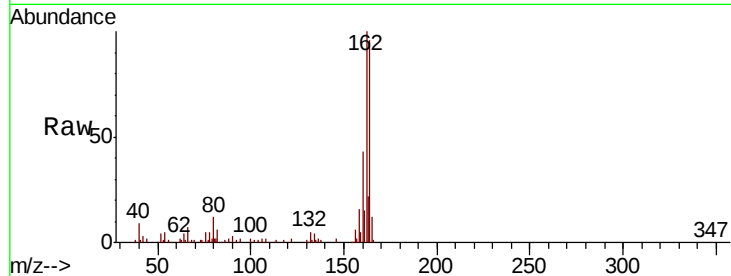
Tot Ion:164 Resp: 71668

Ion Ratio Lower Upper

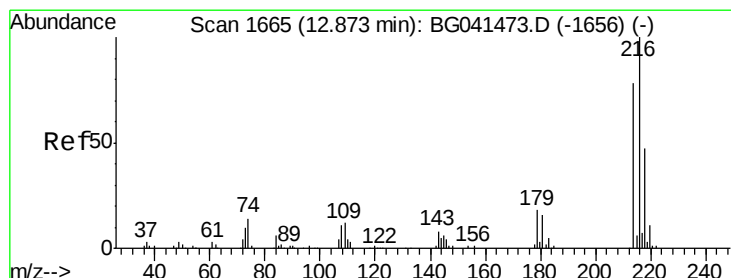
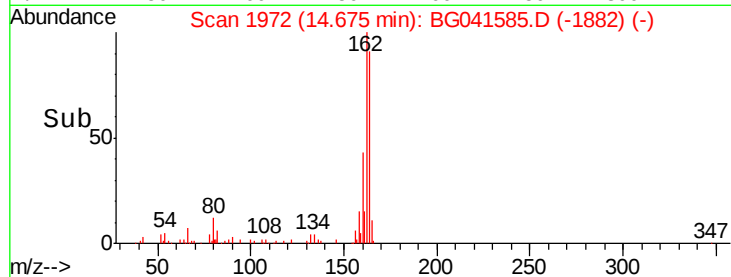
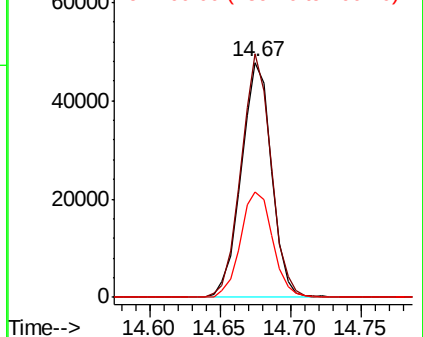
164 100

162 103.7 84.4 126.6

160 44.7 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: 47.675 ng

RT: 12.87 min Scan# 1664

Delta R.T. -0.01 min

Lab File: BG041585.D

Acq: 3 Jul 2019 11:23

Tgt Ion:216 Resp: 150453

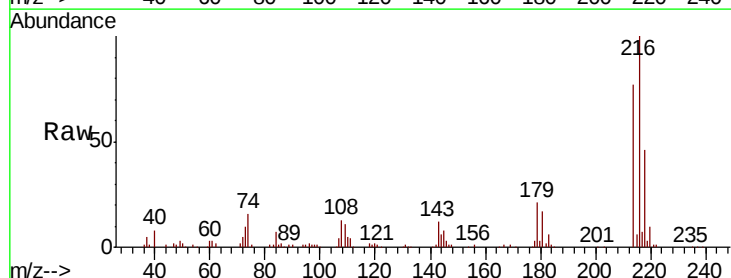
Ion Ratio Lower Upper

216 100

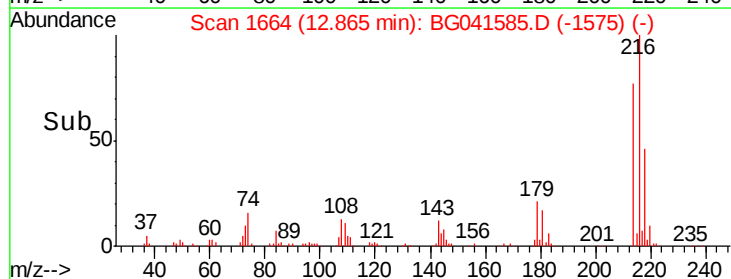
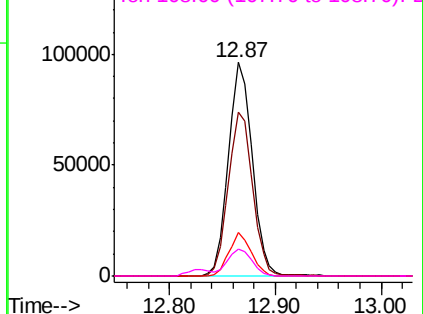
214 77.7 63.4 95.2

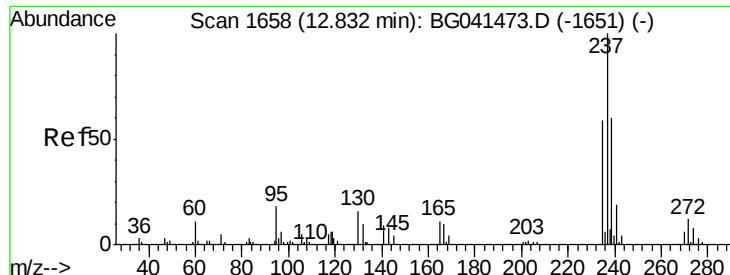
179 19.0 15.1 22.7

108 12.9 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: 93.009 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.00 min

Lab File: BG041585.D

Acq: 3 Jul 2019 11:23

Instrument :

BNA_G

ClientSampleId :

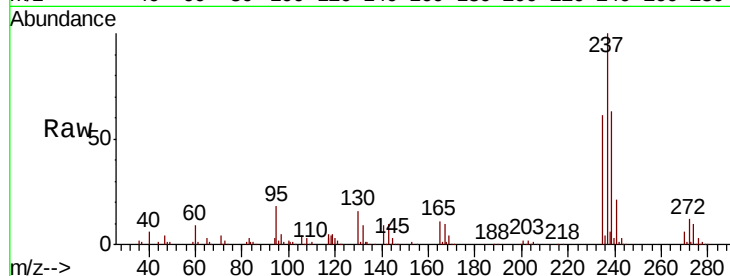
Tot Ion:237 Resp: 160315

Ion Ratio Lower Upper

237 100

235 61.2 39.1 79.1

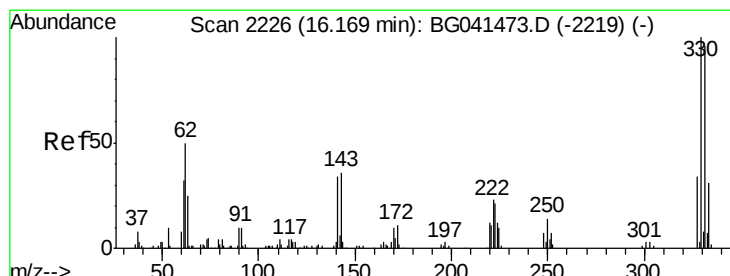
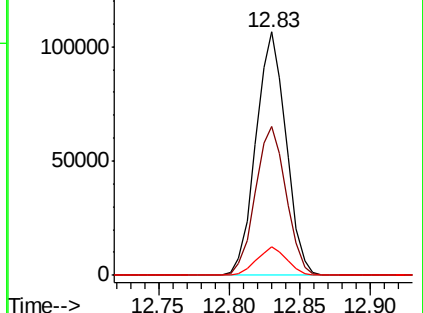
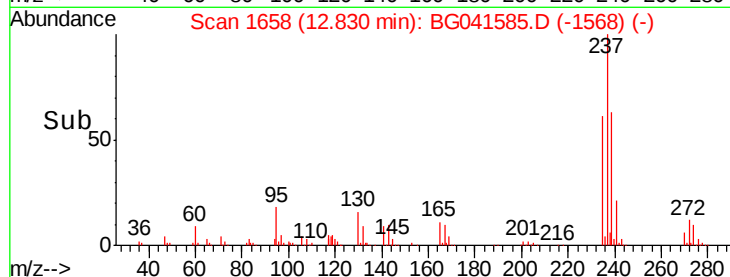
272 11.5 0.0 31.5



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: 152.275 ng

RT: 16.17 min Scan# 2227

Delta R.T. 0.00 min

Lab File: BG041585.D

Acq: 3 Jul 2019 11:23

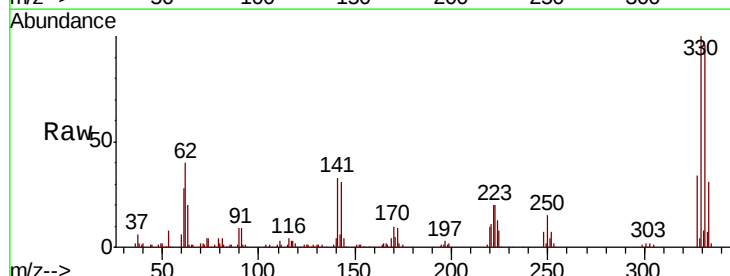
Tgt Ion:330 Resp: 186336

Ion Ratio Lower Upper

330 100

332 95.3 75.5 113.3

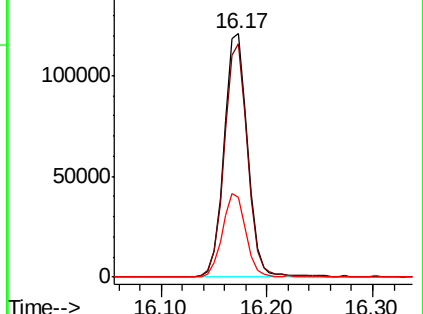
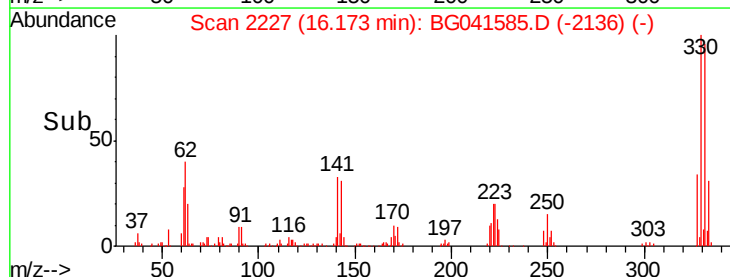
141 34.2 27.8 41.6

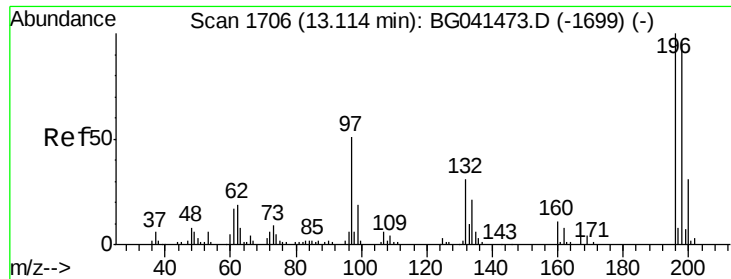


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

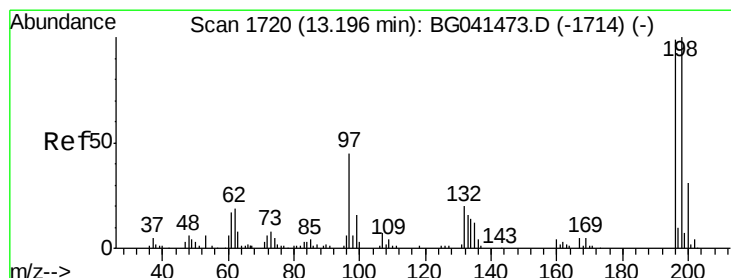
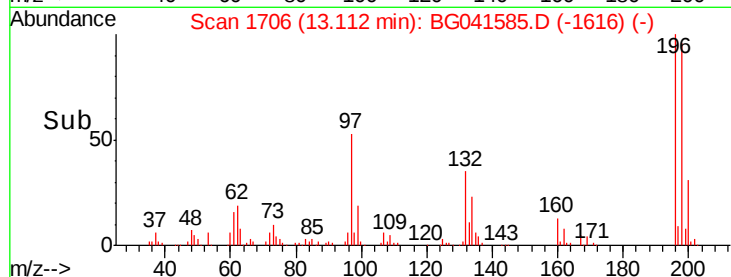
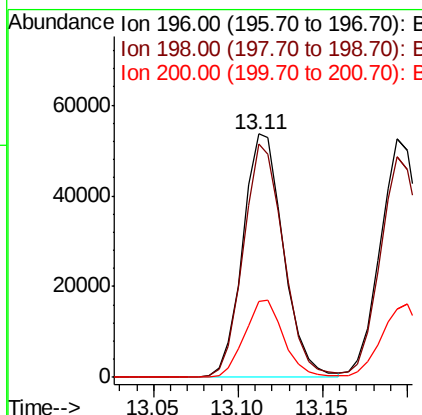
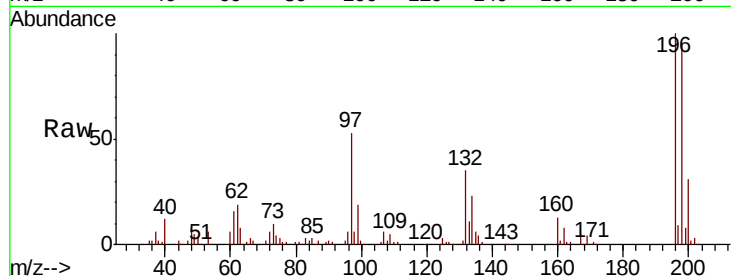




#43
 2,4,6-Trichlorophenol
 Concen: 47.877 ng
 RT: 13.11 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: BG041585.D
 Acq: 3 Jul 2019 11:23

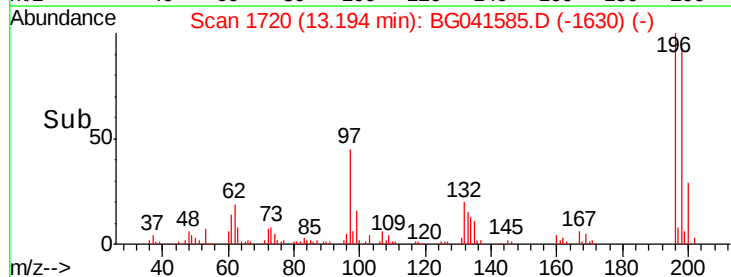
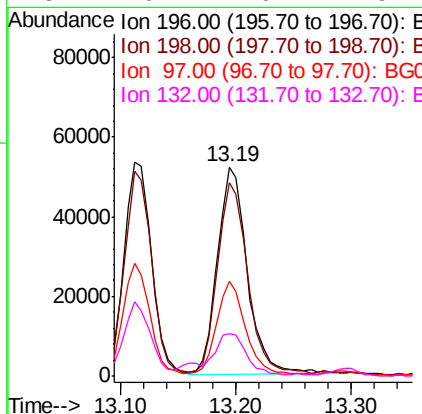
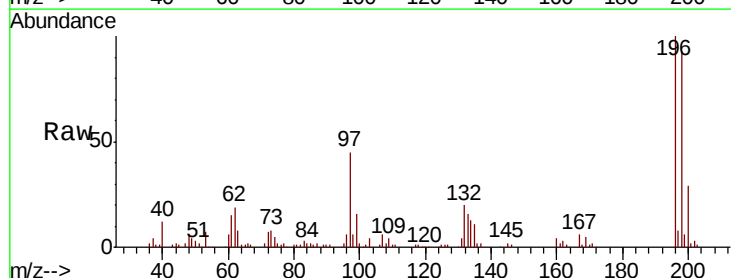
Instrument :
 BNA_G
 ClientSampled :

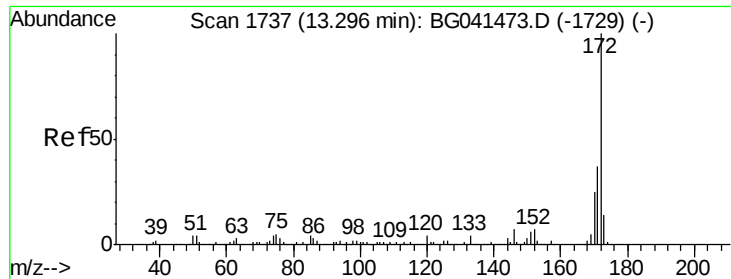
Tot Ion:196 Resp: 89643
 Ion Ratio Lower Upper
 196 100
 198 96.1 76.7 115.1
 200 31.4 24.4 36.6



#44
 2,4,5-Trichlorophenol
 Concen: 50.082 ng
 RT: 13.19 min Scan# 1720
 Delta R.T. -0.00 min
 Lab File: BG041585.D
 Acq: 3 Jul 2019 11:23

Tgt Ion:196 Resp: 93420
 Ion Ratio Lower Upper
 196 100
 198 92.6 80.5 120.7
 97 45.1 36.5 54.7
 132 20.4 16.7 25.1

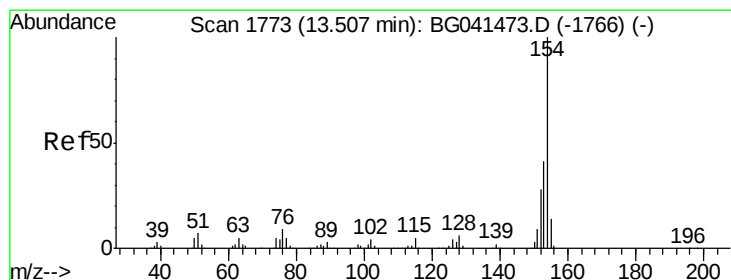
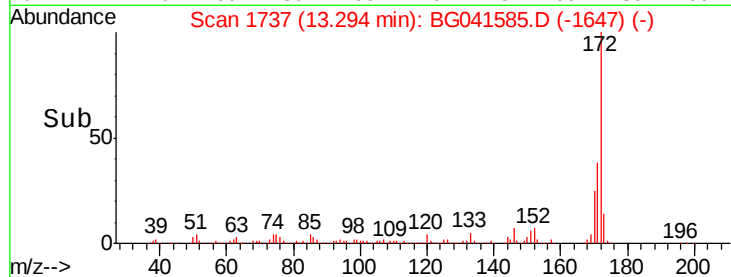
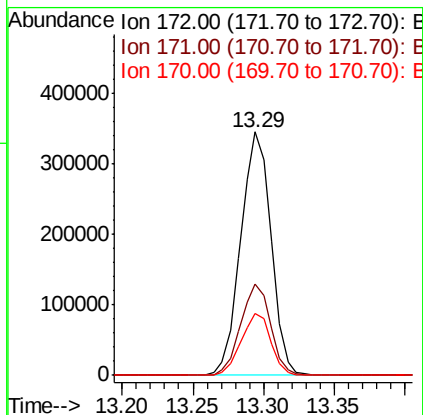
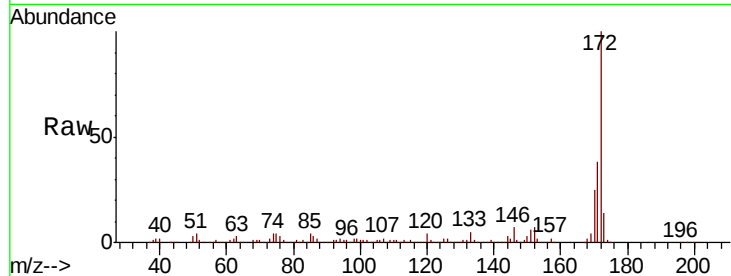




#45
 2-Fluorobiphenyl
 Concen: 93.118 ng
 RT: 13.29 min Scan# 1737
 Delta R.T. -0.00 min
 Lab File: BG041585.D
 Acq: 3 Jul 2019 11:23

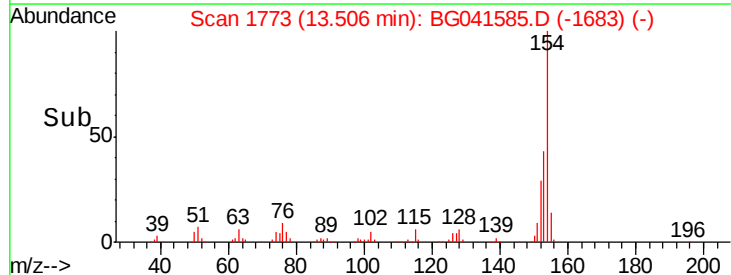
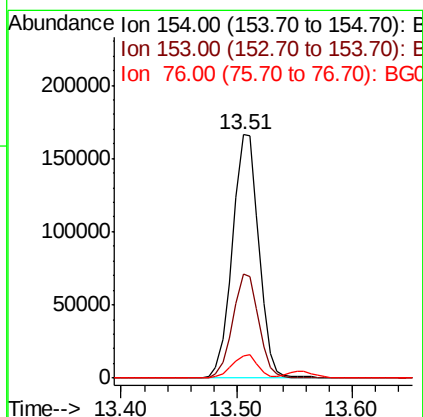
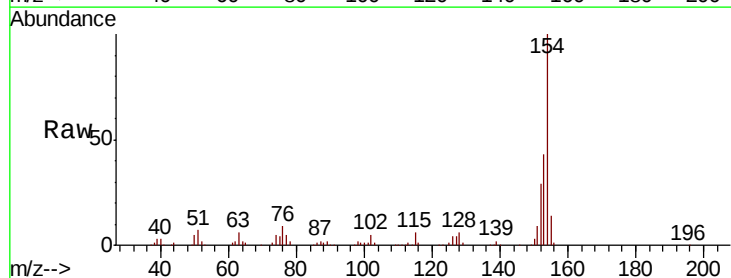
Instrument :
 BNA_G
 ClientSampleId :

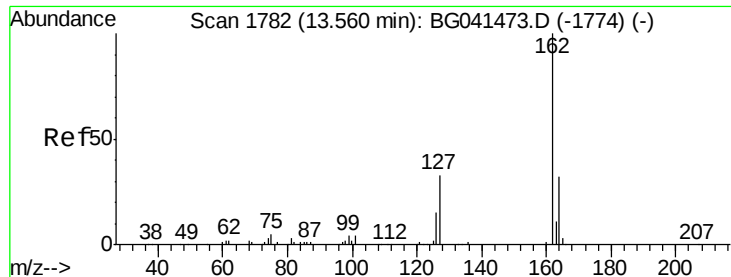
Tot Ion:172 Resp: 520048
 Ion Ratio Lower Upper
 172 100
 171 37.7 29.6 44.4
 170 25.4 20.0 30.0



#46
 1,1'-Biphenyl
 Concen: 46.455 ng
 RT: 13.51 min Scan# 1773
 Delta R.T. -0.00 min
 Lab File: BG041585.D
 Acq: 3 Jul 2019 11:23

Tgt Ion:154 Resp: 262814
 Ion Ratio Lower Upper
 154 100
 153 42.7 20.9 60.9
 76 9.1 0.0 29.4

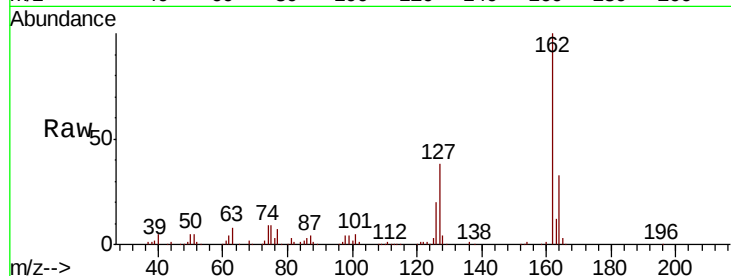




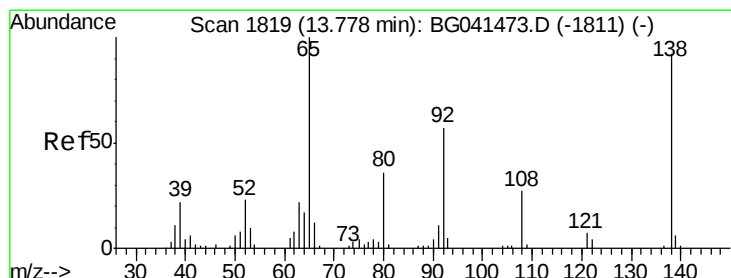
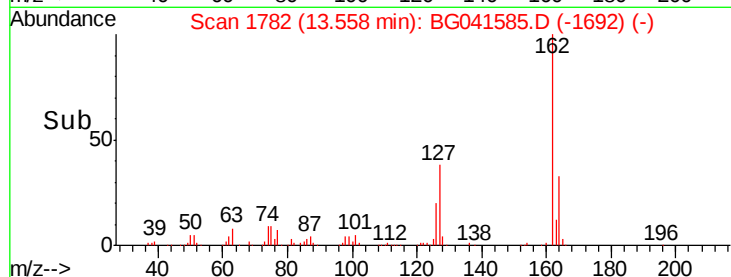
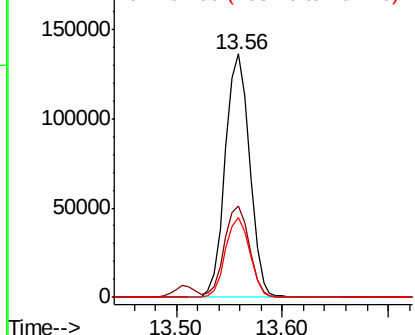
#47
 2-Chloronaphthalene
 Concen: 44.836 ng
 RT: 13.56 min Scan# 1782
 Delta R.T. -0.00 min
 Lab File: BG041585.D
 Acq: 3 Jul 2019 11:23

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.6	30.0	45.0
164	32.6	25.8	38.6

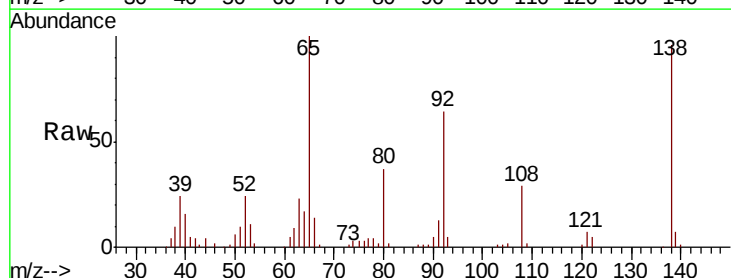


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

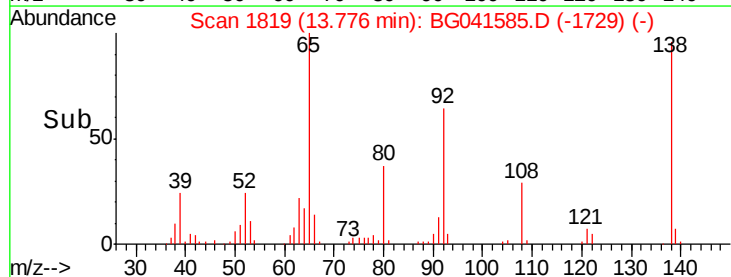
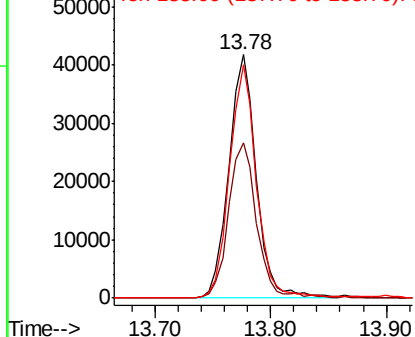


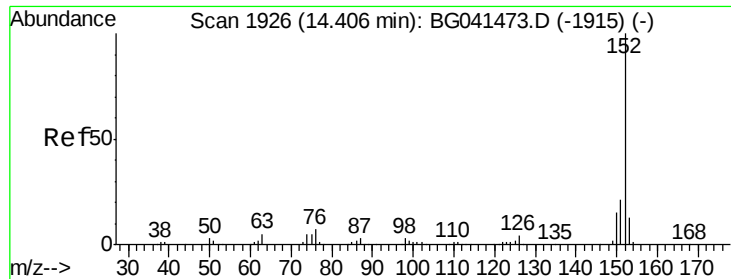
#48
 2-Nitroaniline
 Concen: 41.623 ng
 RT: 13.78 min Scan# 1819
 Delta R.T. -0.00 min
 Lab File: BG041585.D
 Acq: 3 Jul 2019 11:23

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.6	45.9	68.9
138	96.0	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: 46.689 ng

RT: 14.40 min Scan# 1926

Delta R.T. -0.00 min

Lab File: BG041585.D

Acq: 3 Jul 2019 11:23

Instrument :

BNA_G

ClientSampled :

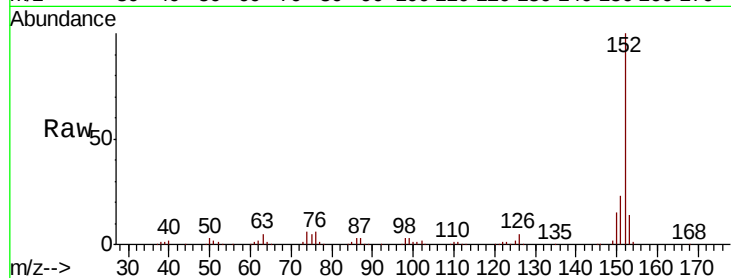
Tot Ion:152 Resp: 338953

Ion Ratio Lower Upper

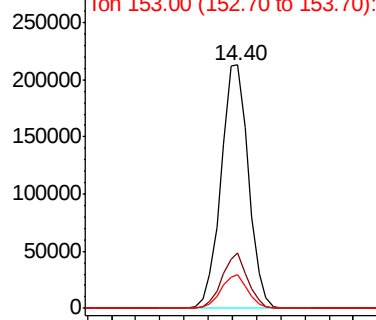
152 100

151 22.6 16.7 25.1

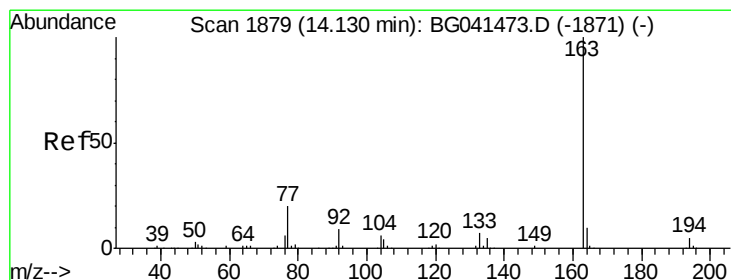
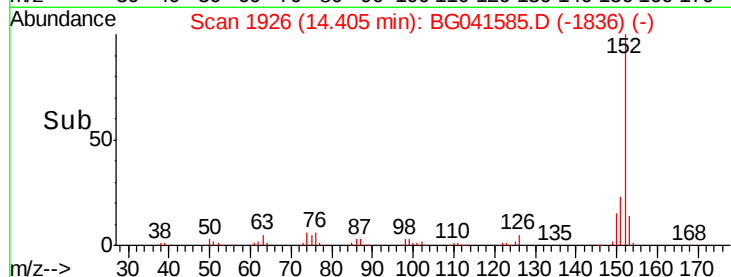
153 13.7 10.8 16.2



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



Time-->



#50

Dimethylphthalate

Concen: 45.603 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.00 min

Lab File: BG041585.D

Acq: 3 Jul 2019 11:23

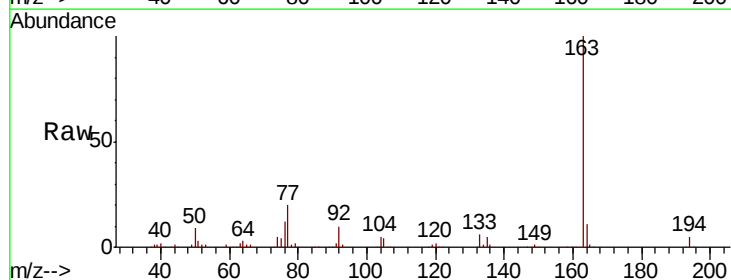
Tgt Ion:163 Resp: 297417

Ion Ratio Lower Upper

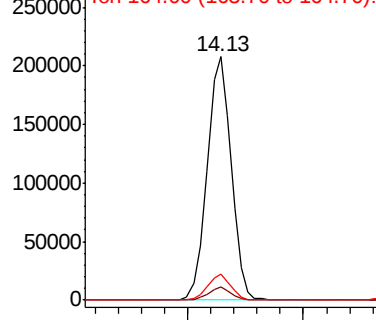
163 100

194 5.3 3.7 5.5

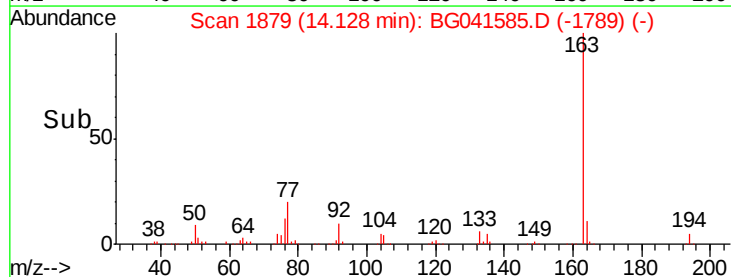
164 10.7 7.8 11.6

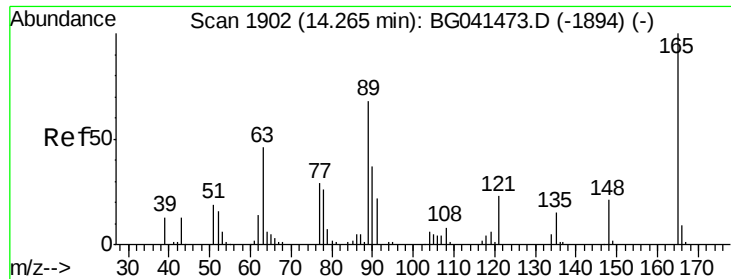


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



Time-->

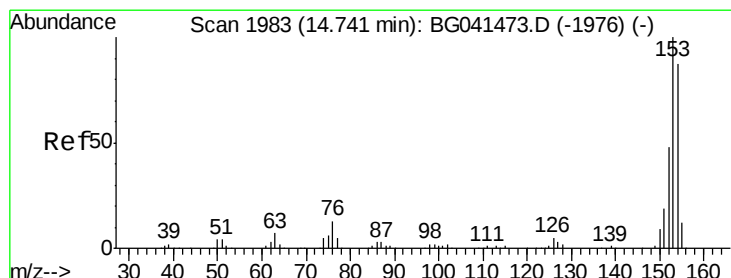
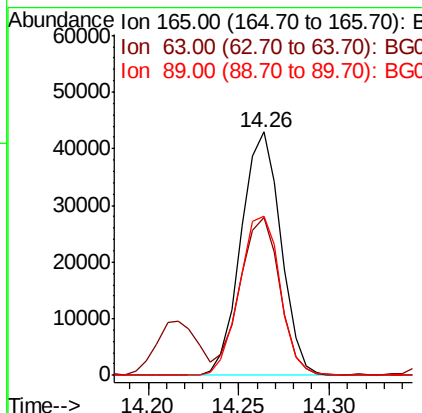
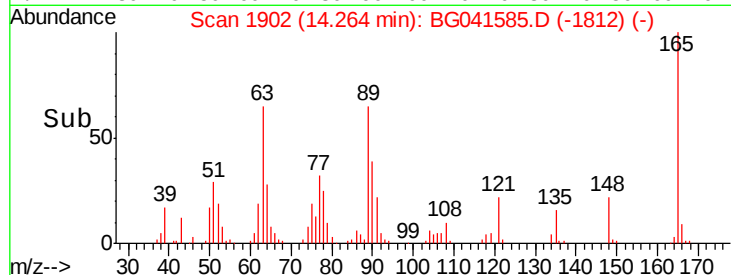
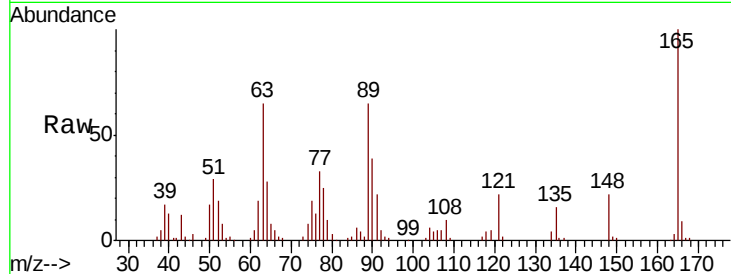




#51
 2,6-Dinitrotoluene
 Concen: 47.331 ng
 RT: 14.26 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: BG041585.D
 Acq: 3 Jul 2019 11:23

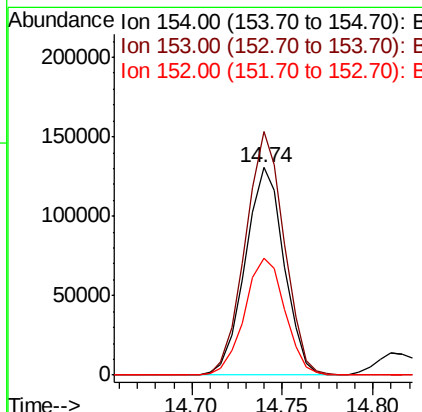
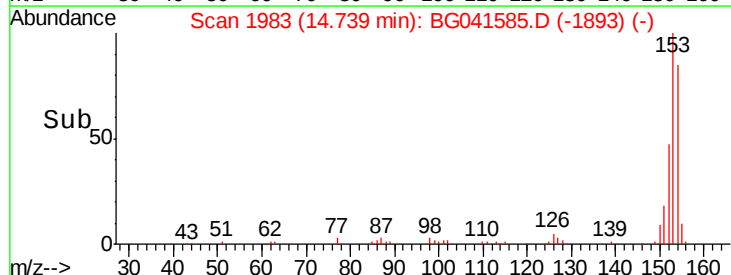
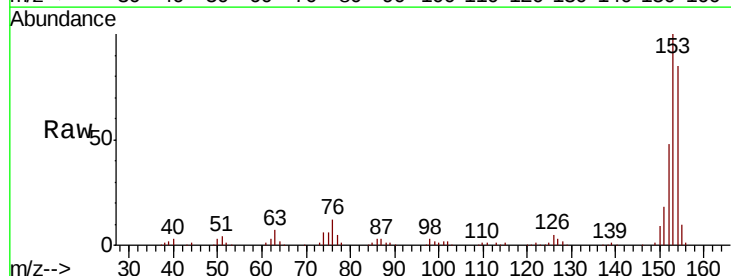
Instrument :
 BNA_G
 ClientSampled :

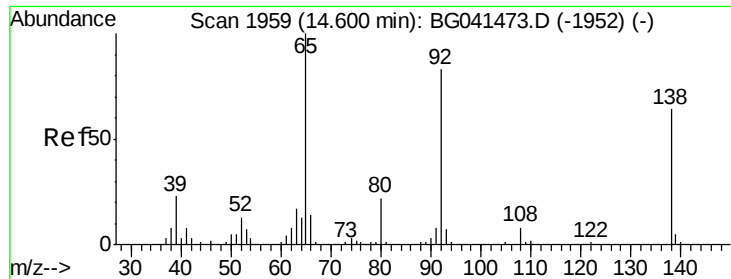
Tot Ion:165 Resp: 65509
 Ion Ratio Lower Upper
 165 100
 63 64.7 56.4 84.6
 89 65.5 54.6 81.8



#52
 Acenaphthene
 Concen: 45.238 ng
 RT: 14.74 min Scan# 1983
 Delta R.T. -0.00 min
 Lab File: BG041585.D
 Acq: 3 Jul 2019 11:23

Tgt Ion:154 Resp: 194754
 Ion Ratio Lower Upper
 154 100
 153 117.5 92.2 138.4
 152 56.7 44.1 66.1

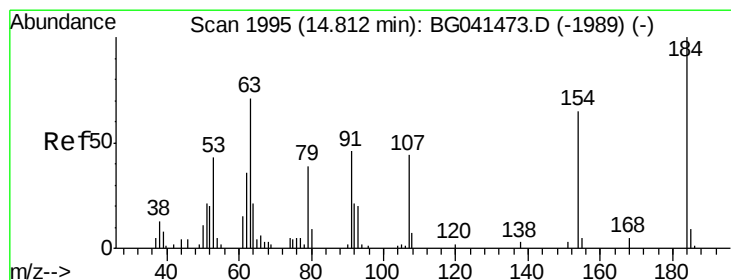
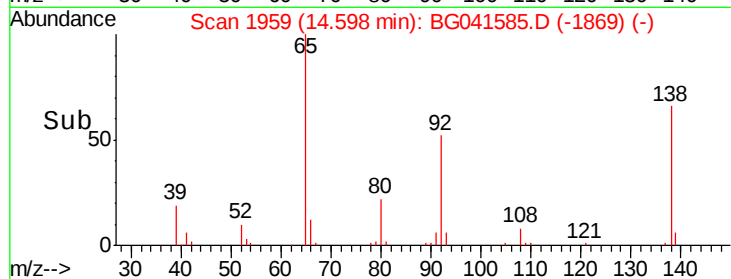
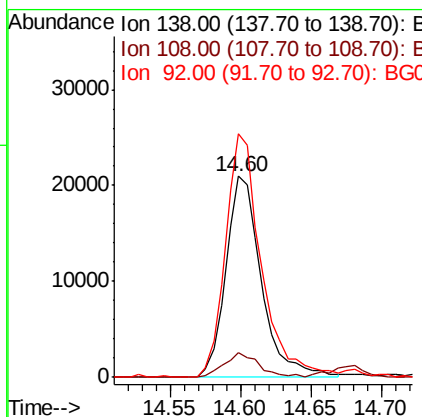
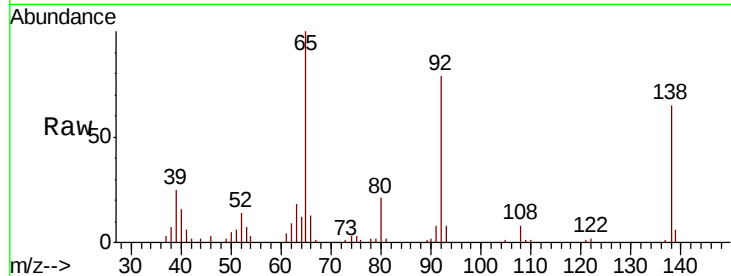




#53
3-Nitroaniline
Concen: 27.766 ng
RT: 14.60 min Scan# 1959
Delta R.T. -0.00 min
Lab File: BG041585.D
Acq: 3 Jul 2019 11:23

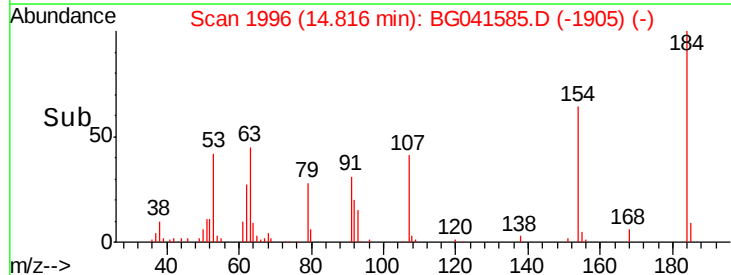
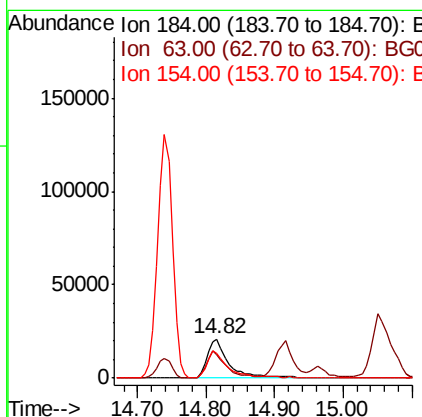
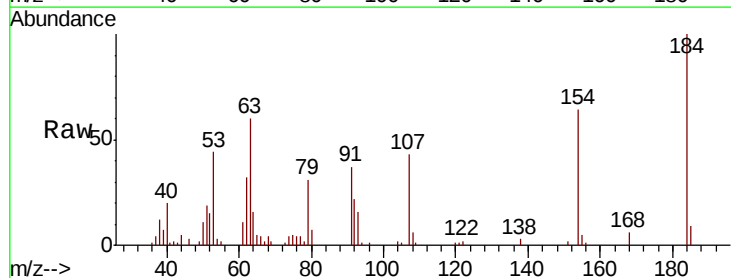
Instrument :
BNA_G
ClientSampleId :

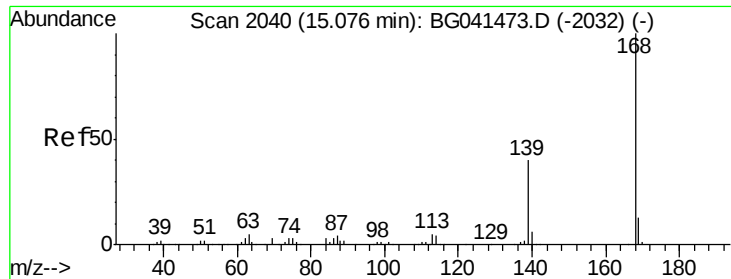
Tot Ion:138 Resp: 36687
Ion Ratio Lower Upper
138 100
108 12.5 9.5 14.3
92 121.1 103.3 154.9



#54
2,4-Dinitrophenol
Concen: 53.839 ng
RT: 14.82 min Scan# 1996
Delta R.T. 0.00 min
Lab File: BG041585.D
Acq: 3 Jul 2019 11:23

Tgt Ion:184 Resp: 46738
Ion Ratio Lower Upper
184 100
63 60.1 56.5 84.7
154 64.2 54.2 81.4

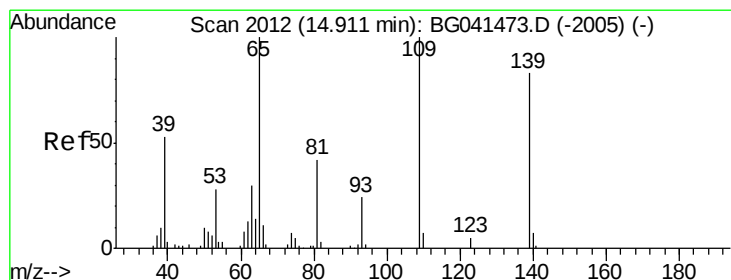
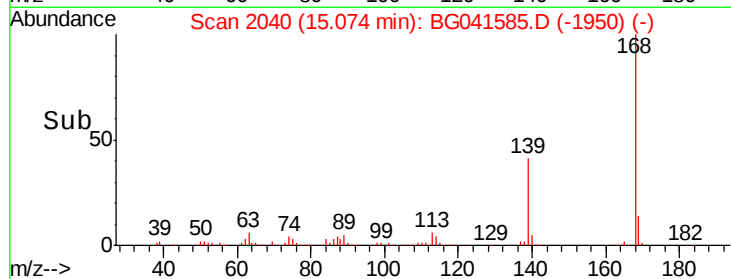
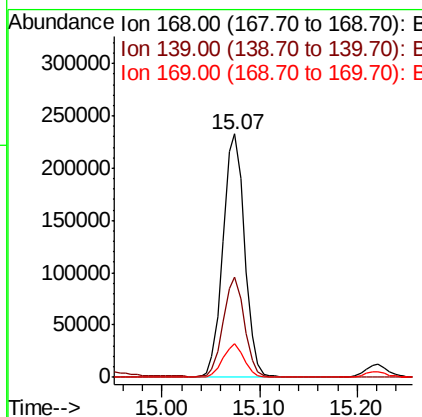
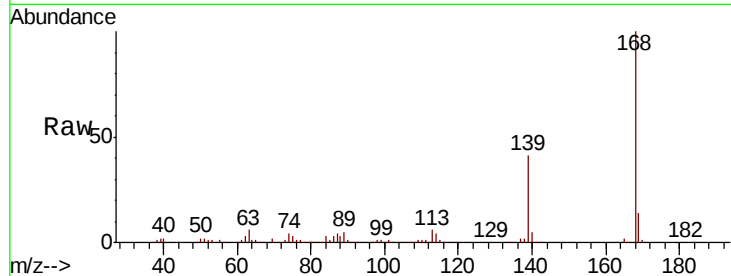




#55
Dibenzenofuran
Concen: 47.624 ng
RT: 15.07 min Scan# 2040
Delta R.T. -0.00 min
Lab File: BG041585.D
Acq: 3 Jul 2019 11:23

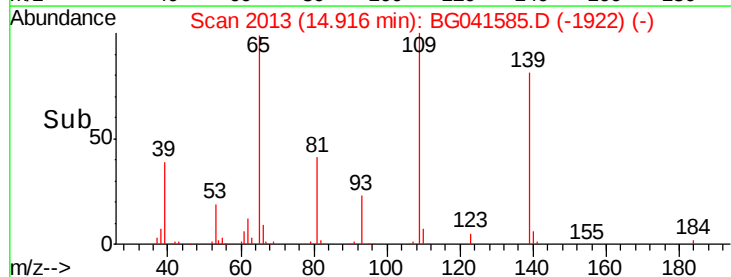
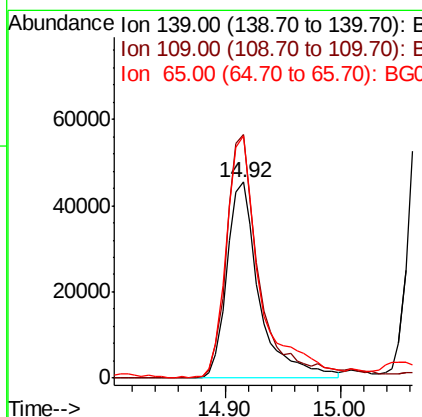
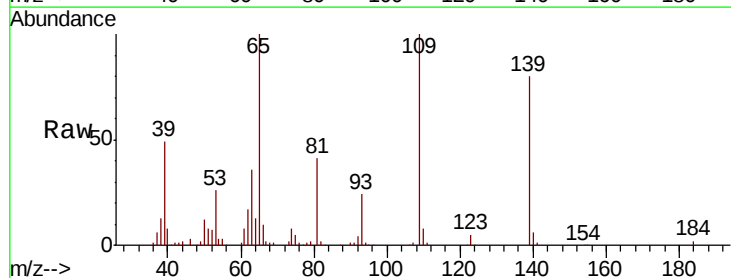
Instrument :
BNA_G
ClientSampleId :

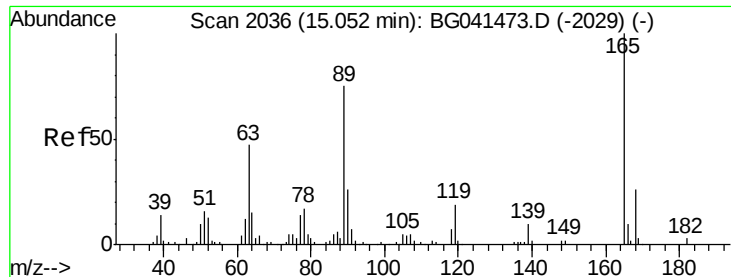
Tot Ion:168 Resp: 356926
Ion Ratio Lower Upper
168 100
139 41.4 32.2 48.4
169 14.0 10.6 16.0



#56
4-Nitrophenol
Concen: 104.197 ng
RT: 14.92 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BG041585.D
Acq: 3 Jul 2019 11:23

Tgt Ion:139 Resp: 88850
Ion Ratio Lower Upper
139 100
109 124.4 99.9 139.9
65 124.1 100.6 140.6

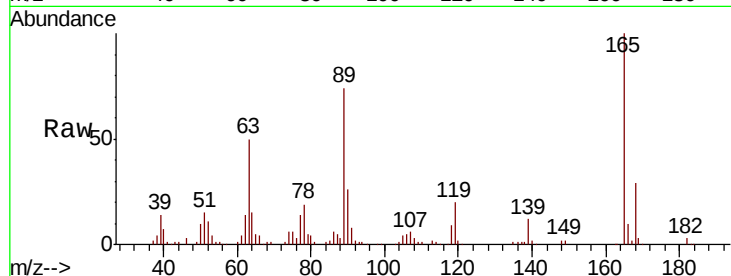




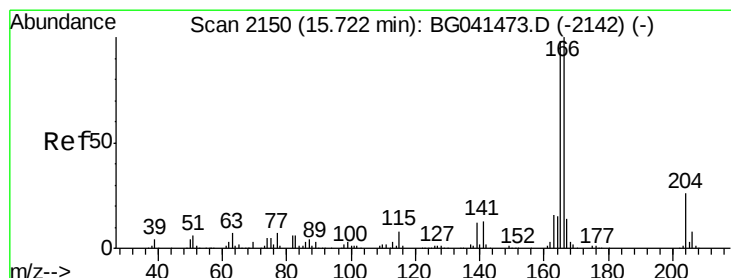
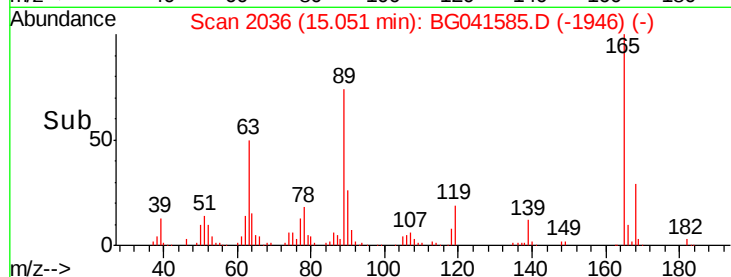
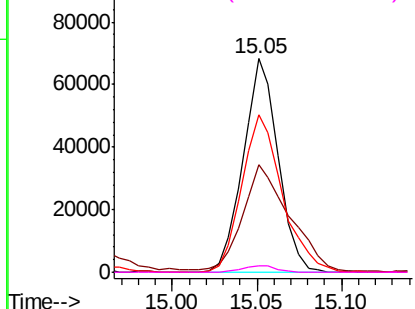
#57
 2,4-Dinitrotoluene
 Concen: 48.690 ng
 RT: 15.05 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: BG041585.D
 Acq: 3 Jul 2019 11:23

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 97764
 Ion Ratio Lower Upper
 165 100
 63 50.4 38.8 58.2
 89 73.9 60.1 90.1
 182 2.8 2.2 3.2

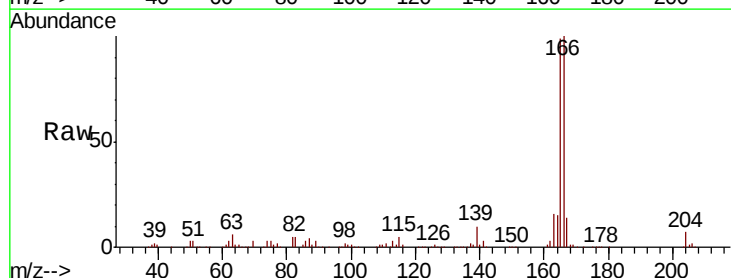


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

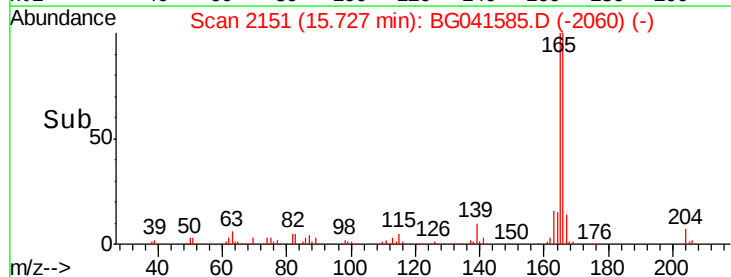
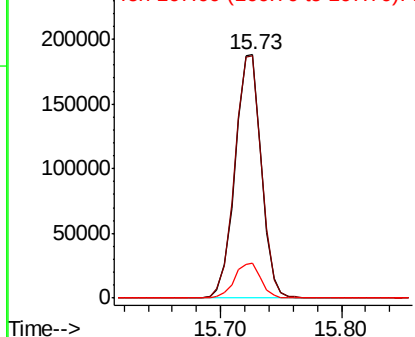


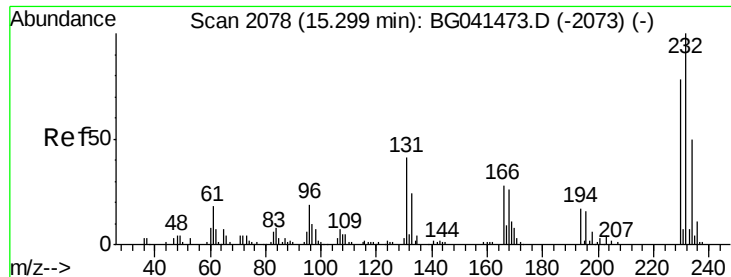
#58
 Fluorene
 Concen: 47.724 ng
 RT: 15.73 min Scan# 2151
 Delta R.T. 0.00 min
 Lab File: BG041585.D
 Acq: 3 Jul 2019 11:23

Tgt Ion:166 Resp: 284552
 Ion Ratio Lower Upper
 166 100
 165 99.4 78.6 117.8
 167 14.2 11.4 17.0



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

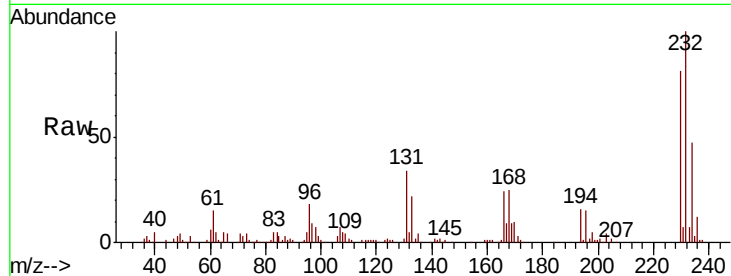




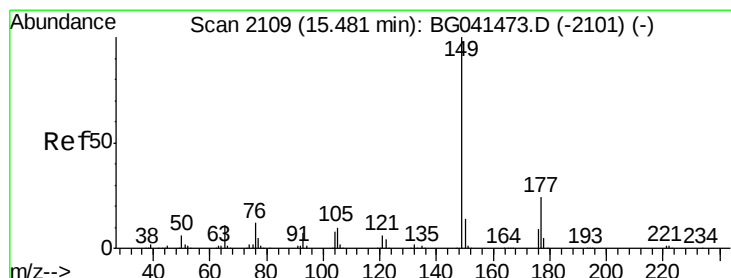
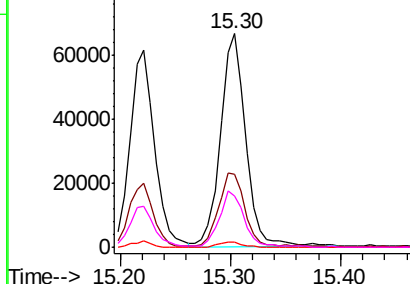
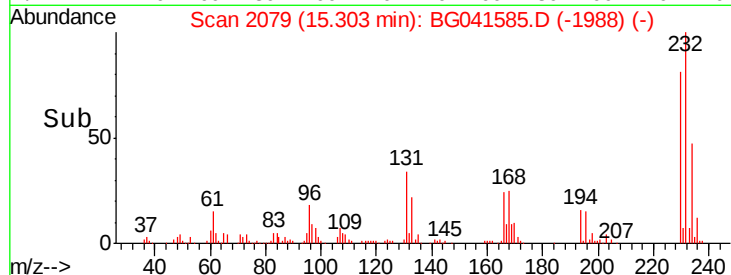
#59
2,3,4,6-Tetrachlorophenol
Concen: 53.878 ng
RT: 15.30 min Scan# 2079
Delta R.T. 0.00 min
Lab File: BG041585.D
Acq: 3 Jul 2019 11:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion:232 Resp: 105949
Ion Ratio Lower Upper
232 100
131 34.9 29.8 44.6
130 2.3 2.0 3.0
166 24.7 20.2 30.2

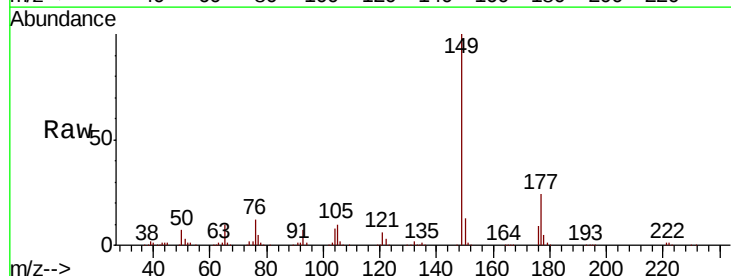


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

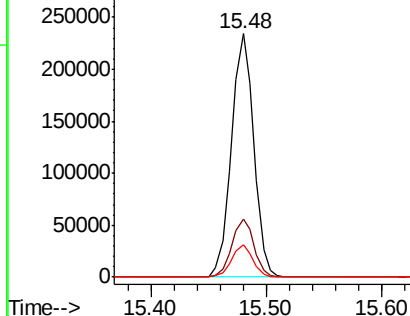
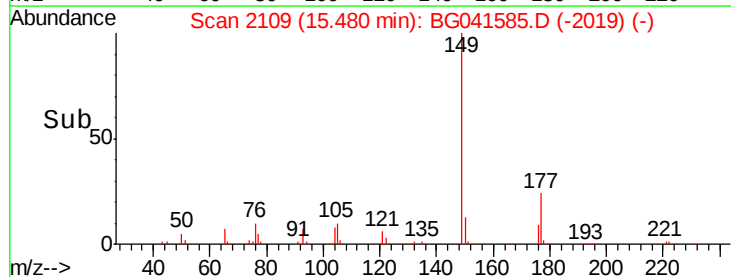


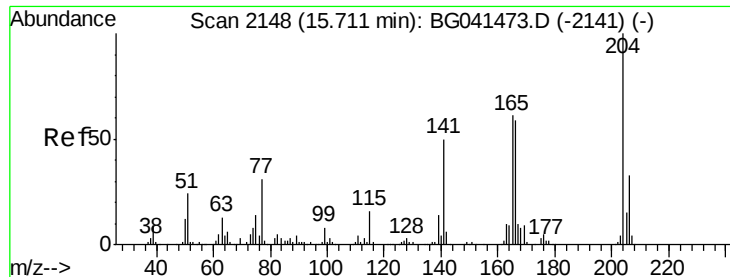
#60
Diethylphthalate
Concen: 46.810 ng
RT: 15.48 min Scan# 2109
Delta R.T. -0.00 min
Lab File: BG041585.D
Acq: 3 Jul 2019 11:23

Tgt Ion:149 Resp: 312498
Ion Ratio Lower Upper
149 100
177 23.6 19.2 28.8
150 13.2 11.2 16.8



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





#61

4-Chlorophenyl-phenylether

Concen: 47.964 ng

RT: 15.71 min Scan# 2148

Delta R.T. -0.00 min

Lab File: BG041585.D

Acq: 3 Jul 2019 11:23

Instrument :

BNA_G

ClientSampled :

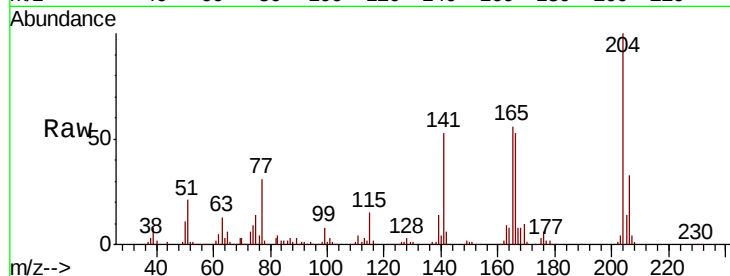
Tot Ion:204 Resp: 184464

Ion Ratio Lower Upper

204 100

206 33.3 26.6 40.0

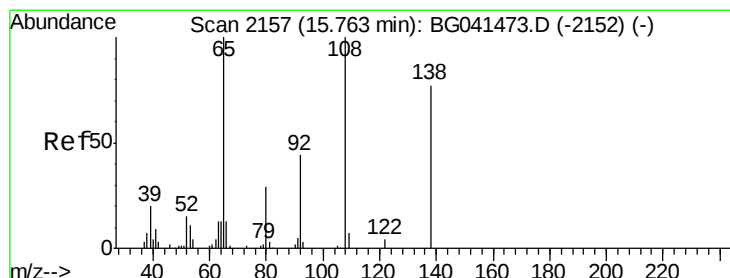
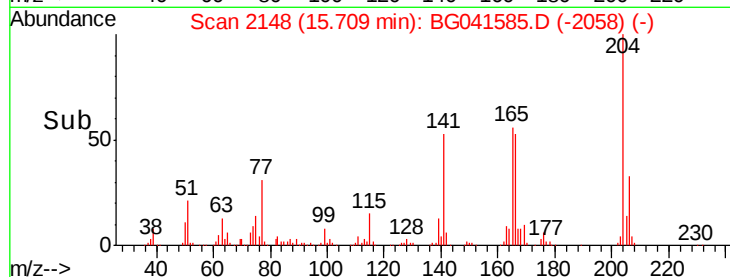
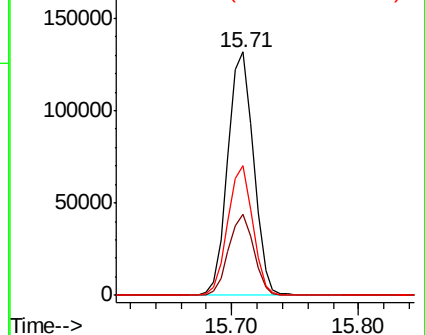
141 53.1 40.1 60.1



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: 43.909 ng

RT: 15.77 min Scan# 2158

Delta R.T. 0.00 min

Lab File: BG041585.D

Acq: 3 Jul 2019 11:23

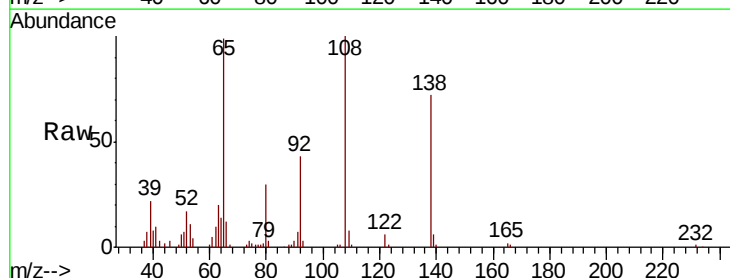
Tgt Ion:138 Resp: 56543

Ion Ratio Lower Upper

138 100

92 60.3 34.9 74.9

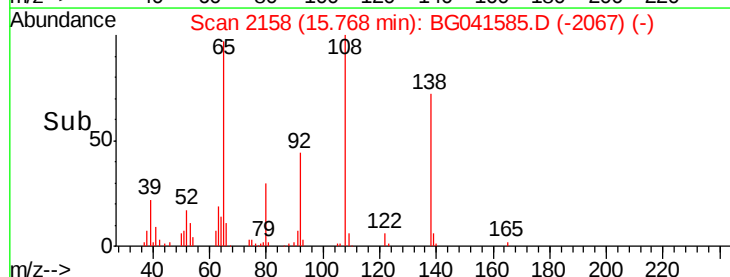
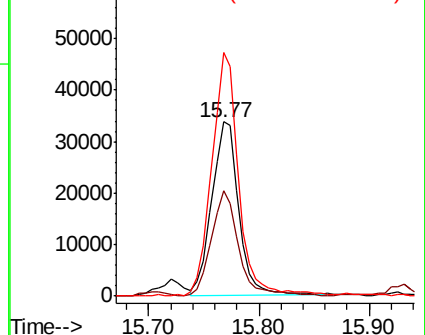
108 139.7 105.5 145.5

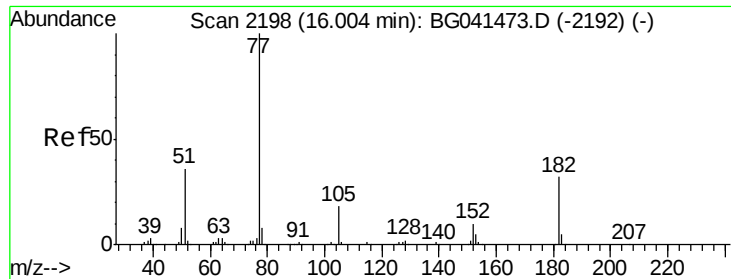


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E

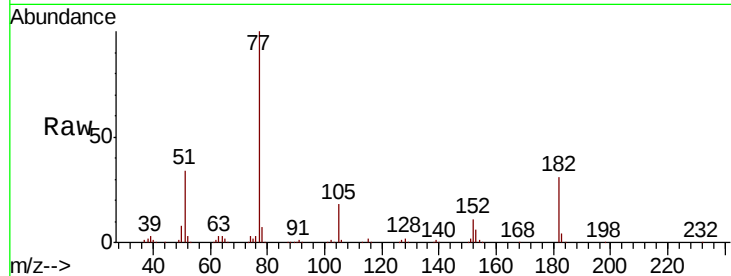




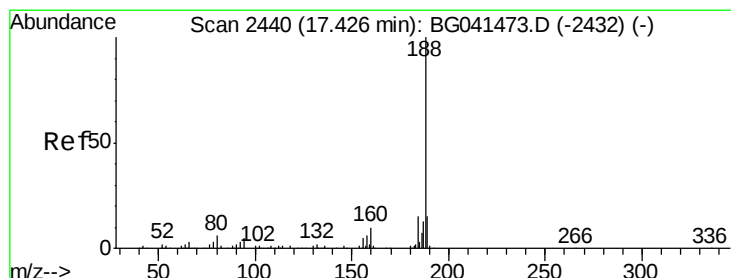
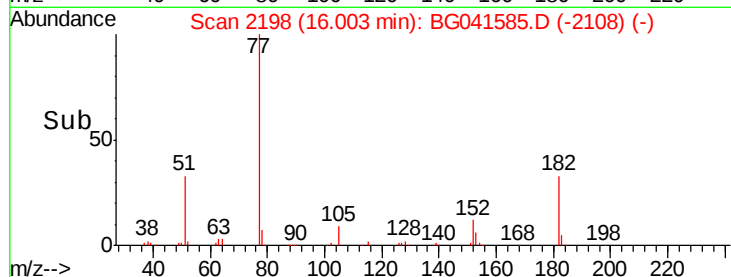
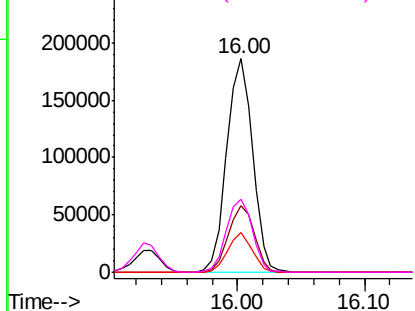
#63
Azobenzene
Concen: 46.564 ng
RT: 16.00 min Scan# 2198
Delta R.T. -0.00 min
Lab File: BG041585.D
Acq: 3 Jul 2019 11:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	262086
Ion	Ratio	Lower	Upper
77	100		
182	30.9	12.2	52.2
105	18.3	0.0	38.1
51	34.4	15.9	55.9

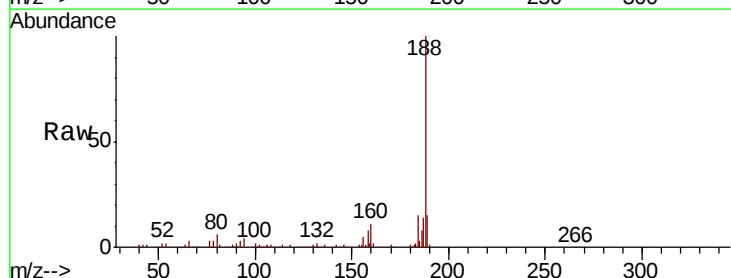


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BGC

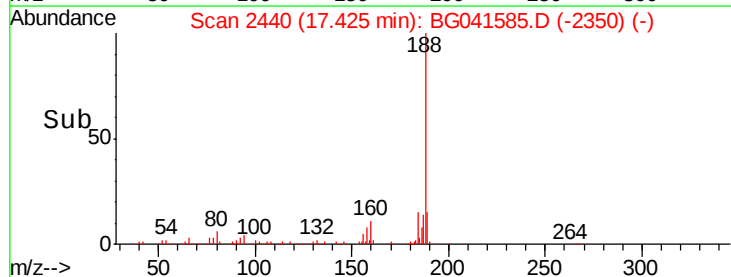
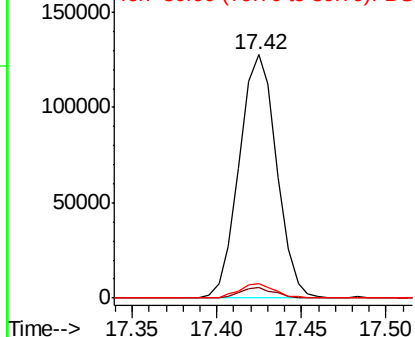


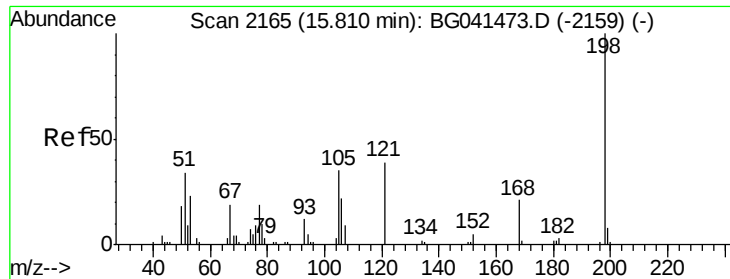
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.00 min
Lab File: BG041585.D
Acq: 3 Jul 2019 11:23

Tgt Ion:	188	Resp:	197370
Ion	Ratio	Lower	Upper
188	100		
94	4.3	3.8	5.8
80	6.0	4.8	7.2



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 37.384 ng

RT: 15.81 min Scan# 2166

Delta R.T. 0.00 min

Lab File: BG041585.D

Acq: 3 Jul 2019 11:23

Instrument :

BNA_G

ClientSampleId :

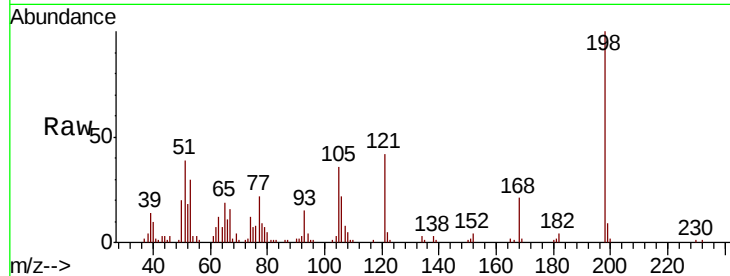
Tot Ion:198 Resp: 45698

Ion Ratio Lower Upper

198 100

51 38.5 19.0 59.0

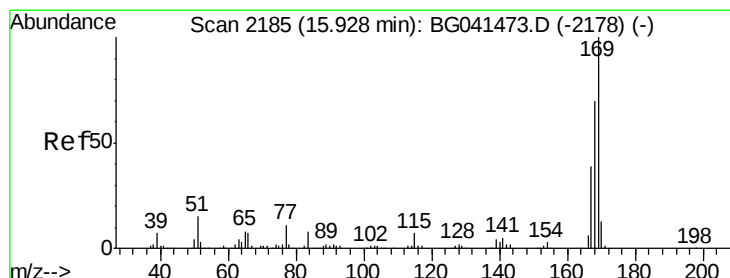
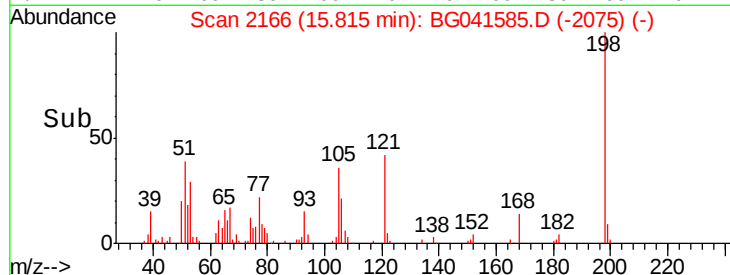
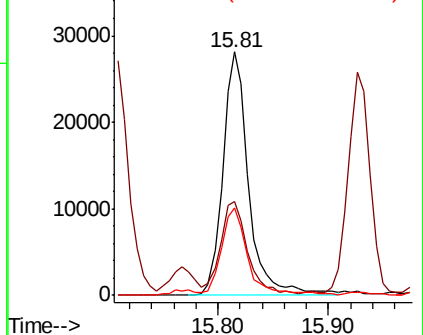
105 35.8 16.1 56.1



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG041585.D (-2095) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 47.394 ng

RT: 15.93 min Scan# 2186

Delta R.T. 0.00 min

Lab File: BG041585.D

Acq: 3 Jul 2019 11:23

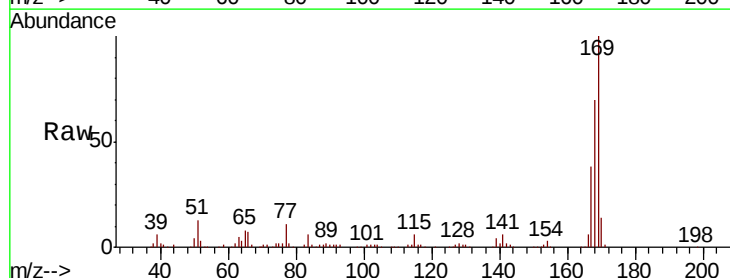
Tgt Ion:169 Resp: 257449

Ion Ratio Lower Upper

169 100

168 70.0 56.2 84.4

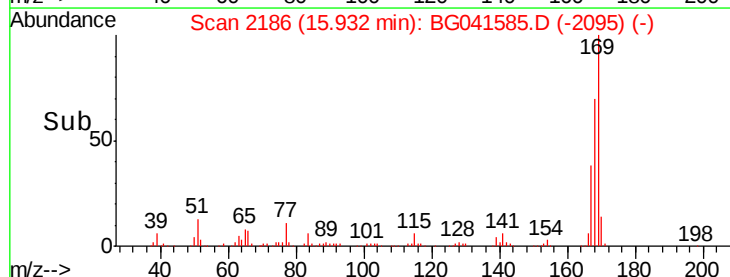
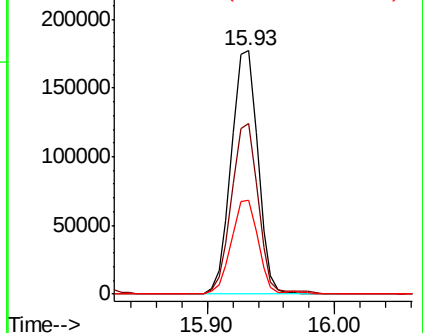
167 38.3 31.0 46.6

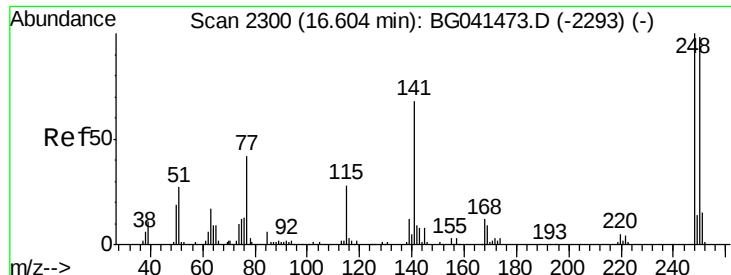


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

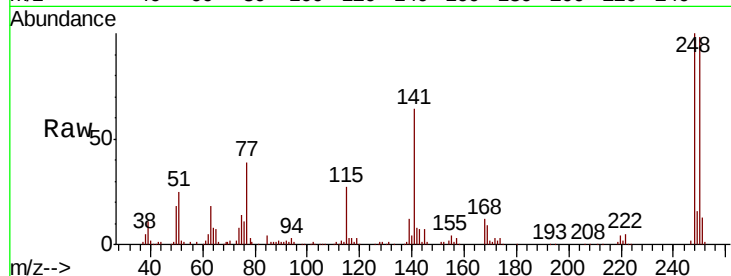




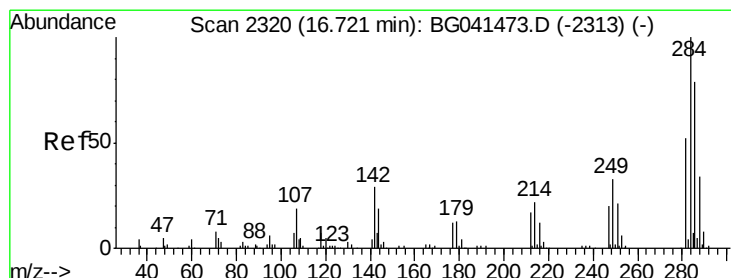
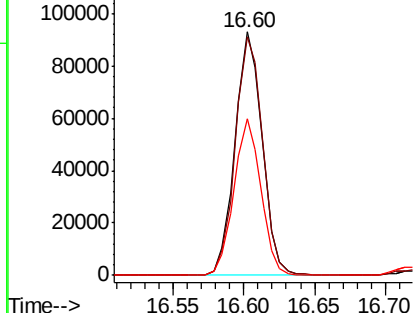
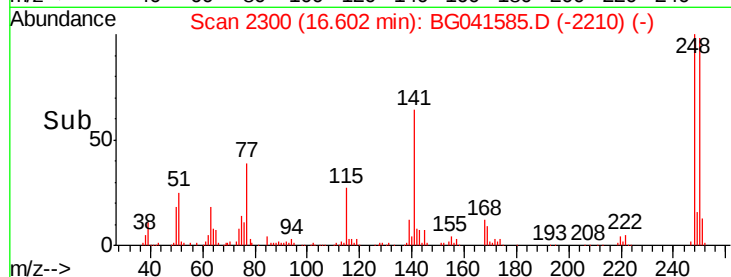
#67
 4-Bromophenyl-phenylether
 Concen: 46.238 ng
 RT: 16.60 min Scan# 2300
 Delta R.T. -0.00 min
 Lab File: BG041585.D
 Acq: 3 Jul 2019 11:23

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 124710
 Ion Ratio Lower Upper
 248 100
 250 98.0 78.1 117.1
 141 64.2 54.1 81.1

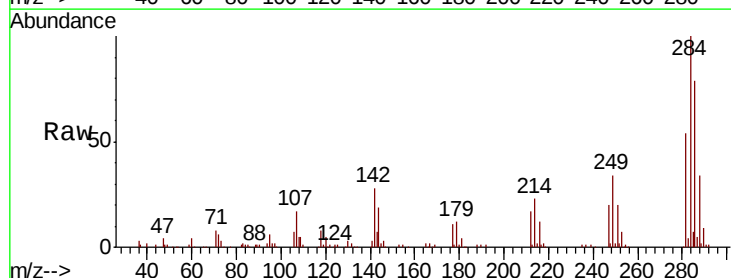


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

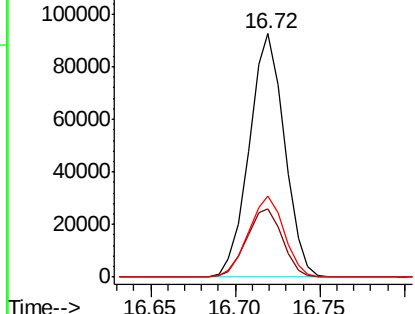
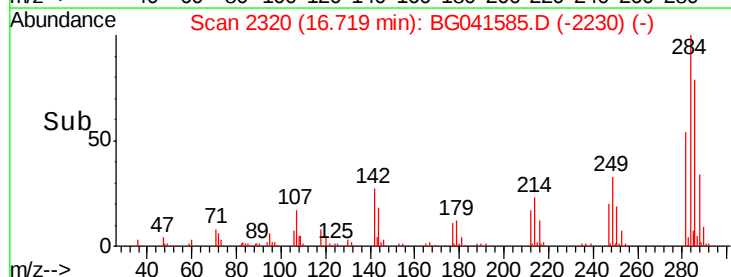


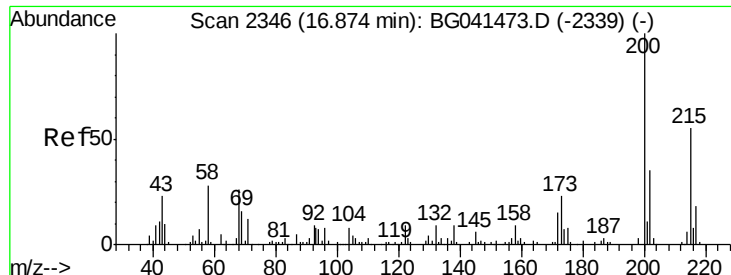
#68
 Hexachlorobenzene
 Concen: 46.340 ng
 RT: 16.72 min Scan# 2320
 Delta R.T. -0.00 min
 Lab File: BG041585.D
 Acq: 3 Jul 2019 11:23

Tgt Ion:284 Resp: 134663
 Ion Ratio Lower Upper
 284 100
 142 28.0 22.9 34.3
 249 33.6 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: 51.362 ng

RT: 16.87 min Scan# 2346

Delta R.T. -0.00 min

Lab File: BG041585.D

Acq: 3 Jul 2019 11:23

Instrument :

BNA_G

ClientSampleId :

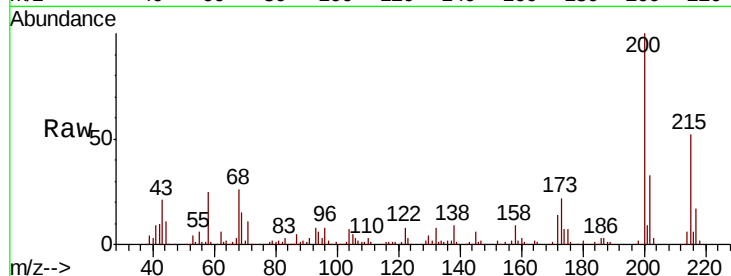
Tot Ion:200 Resp: 118098

Ion Ratio Lower Upper

200 100

173 21.5 3.1 43.1

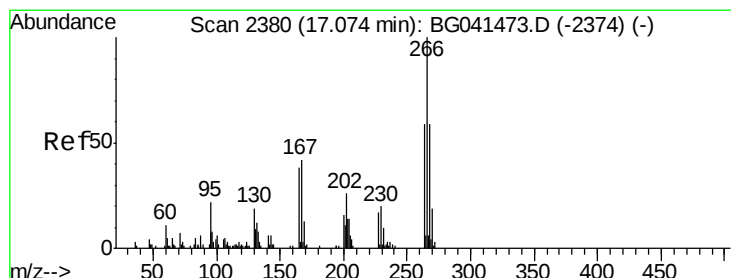
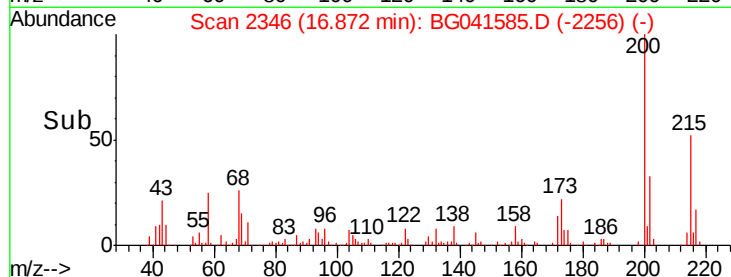
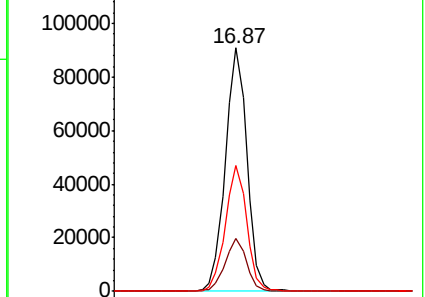
215 51.6 34.7 74.7



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: 103.956 ng

RT: 17.07 min Scan# 2380

Delta R.T. -0.00 min

Lab File: BG041585.D

Acq: 3 Jul 2019 11:23

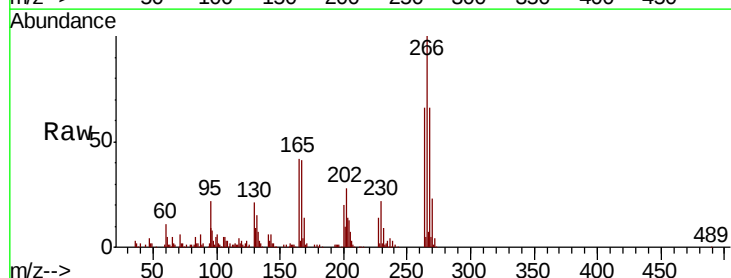
Tgt Ion:266 Resp: 136884

Ion Ratio Lower Upper

266 100

268 65.6 47.0 70.4

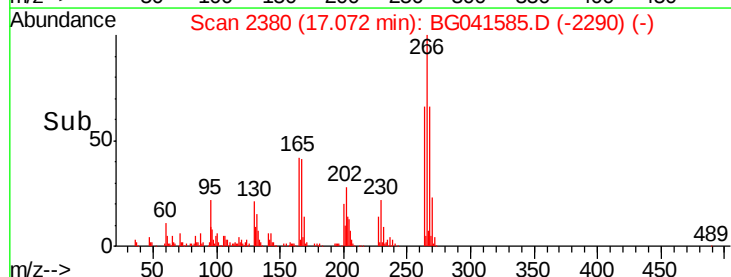
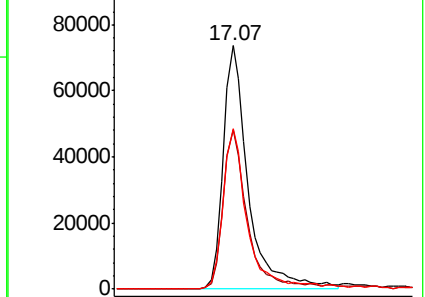
264 66.0 47.4 71.0

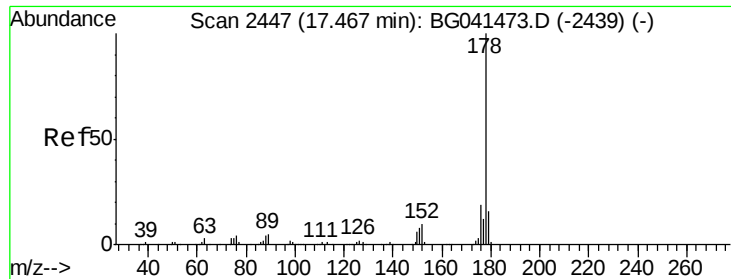


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

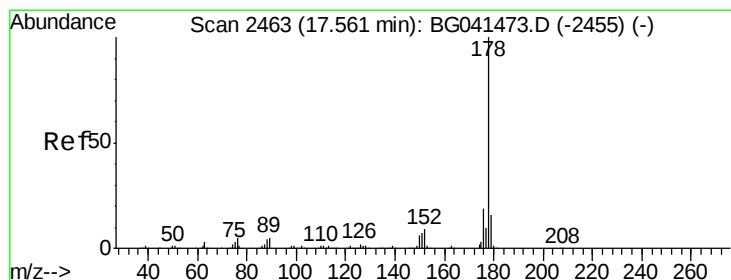
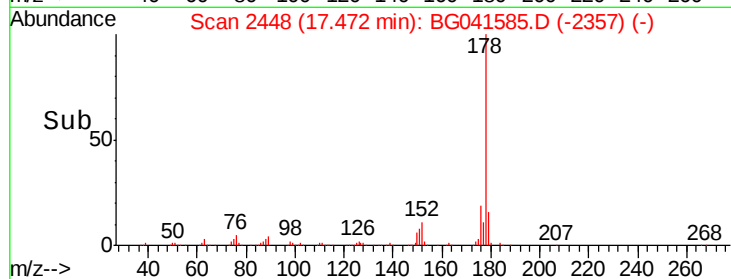
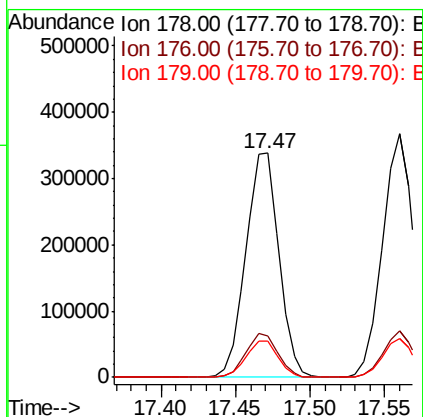
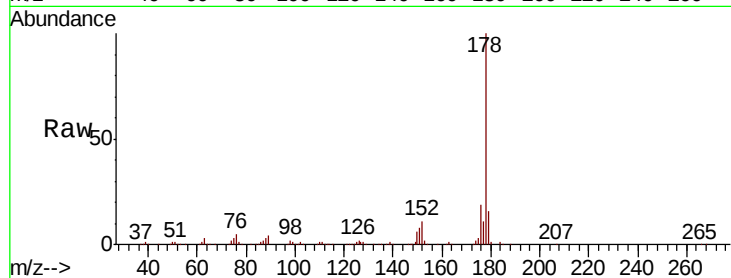




#71
Phenanthrene
Concen: 47.624 ng
RT: 17.47 min Scan# 2448
Delta R.T. 0.00 min
Lab File: BG041585.D
Acq: 3 Jul 2019 11:23

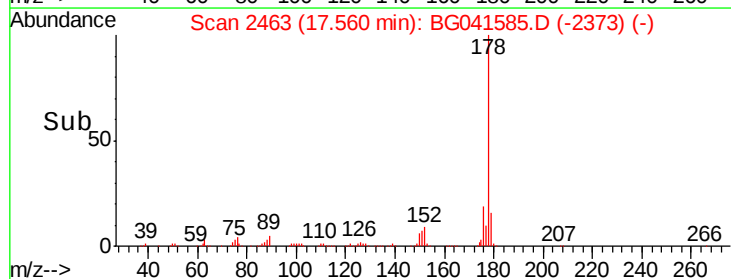
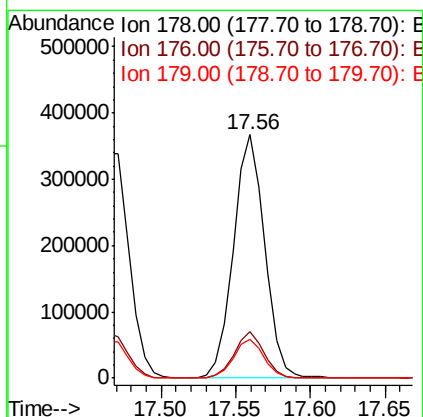
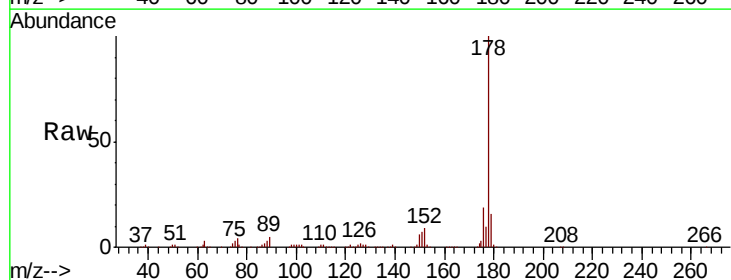
Instrument :
BNA_G
ClientSampleId :

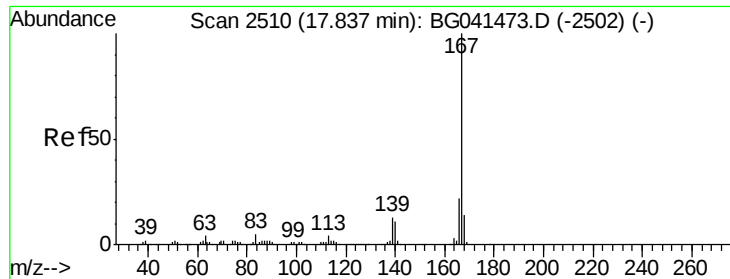
Tot Ion:178 Resp: 517877
Ion Ratio Lower Upper
178 100
176 18.6 15.4 23.0
179 15.9 13.0 19.4



#72
Anthracene
Concen: 48.898 ng
RT: 17.56 min Scan# 2463
Delta R.T. -0.00 min
Lab File: BG041585.D
Acq: 3 Jul 2019 11:23

Tgt Ion:178 Resp: 532031
Ion Ratio Lower Upper
178 100
176 19.2 14.8 22.2
179 16.0 12.8 19.2

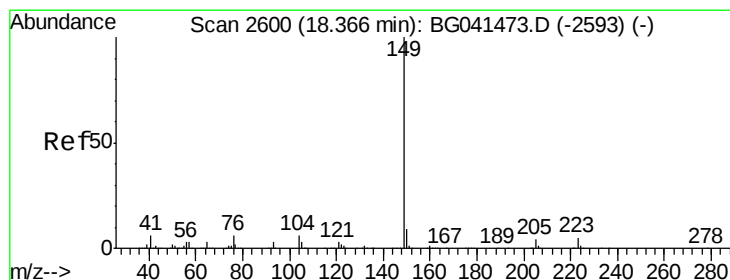
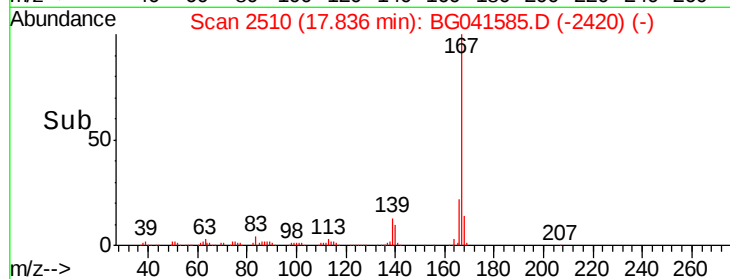
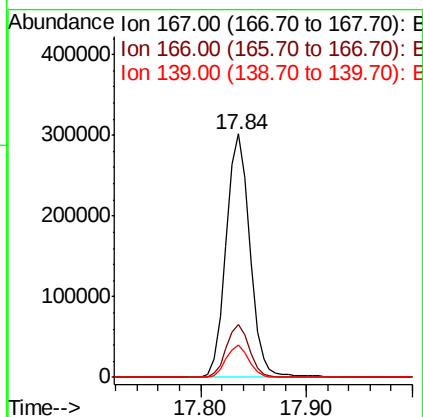
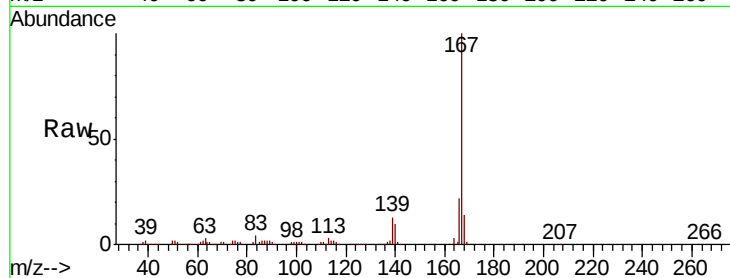




#73
 Carbazole
 Concen: 50.883 ng
 RT: 17.84 min Scan# 2510
 Delta R.T. -0.00 min
 Lab File: BG041585.D
 Acq: 3 Jul 2019 11:23

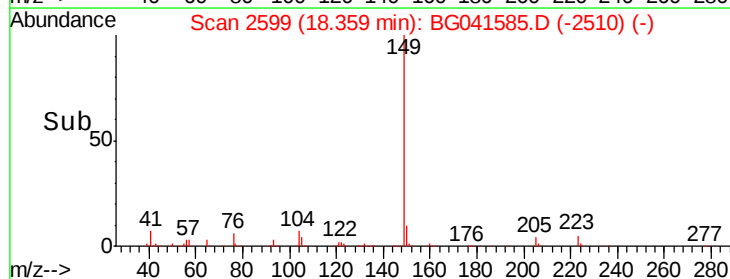
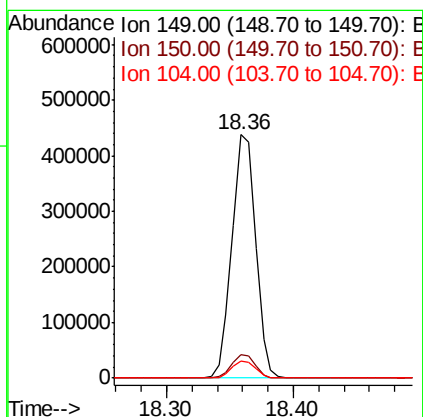
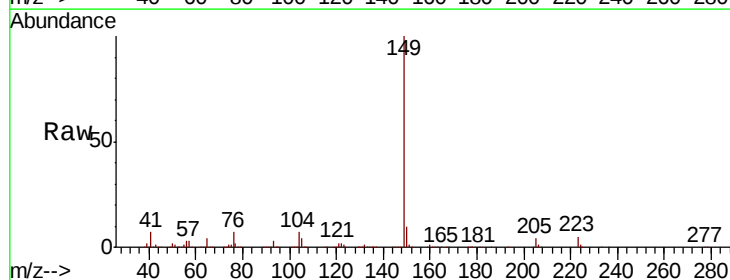
Instrument :
 BNA_G
 ClientSampleId :

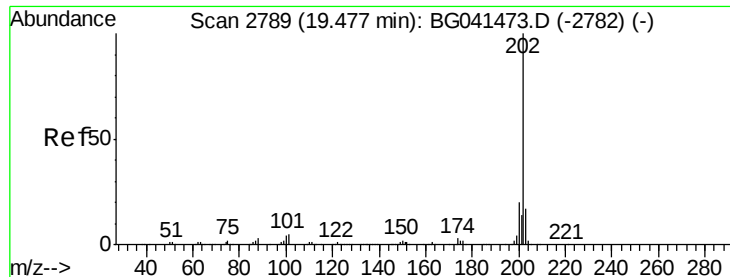
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.8	26.6
139	13.4	10.8	16.2



#74
 Di-n-butylphthalate
 Concen: 48.631 ng
 RT: 18.36 min Scan# 2599
 Delta R.T. -0.01 min
 Lab File: BG041585.D
 Acq: 3 Jul 2019 11:23

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.5	11.3
104	6.8	5.0	7.6





#75

Fluoranthene

Concen: 51.903 ng

RT: 19.48 min Scan# 2789

Delta R.T. -0.00 min

Lab File: BG041585.D

Acq: 3 Jul 2019 11:23

Instrument :

BNA_G

ClientSampleId :

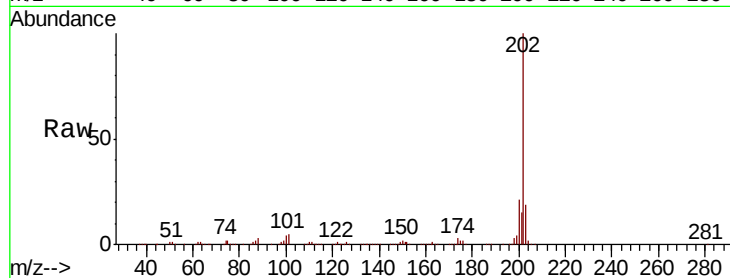
Tot Ion:202 Resp: 752501

Ion Ratio Lower Upper

202 100

101 5.2 0.0 24.9

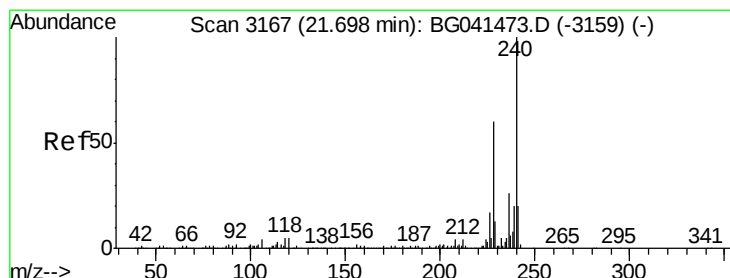
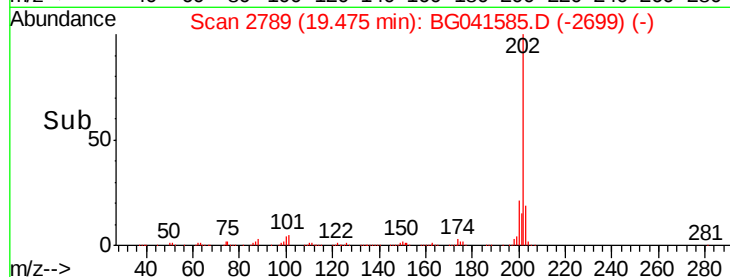
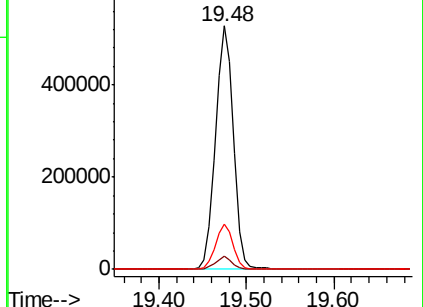
203 18.6 0.0 37.5



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# 3168

Delta R.T. 0.00 min

Lab File: BG041585.D

Acq: 3 Jul 2019 11:23

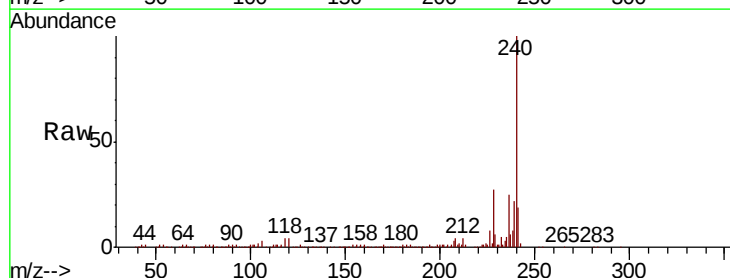
Tgt Ion:240 Resp: 237886

Ion Ratio Lower Upper

240 100

120 3.6 3.7 5.5#

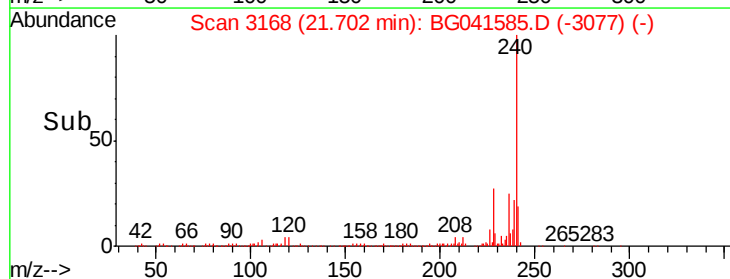
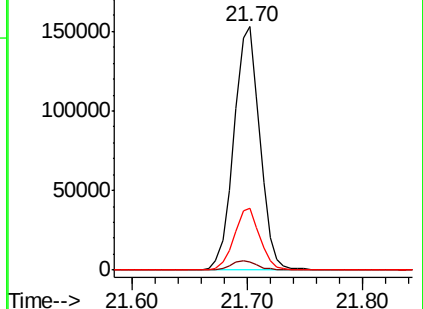
236 25.4 20.8 31.2

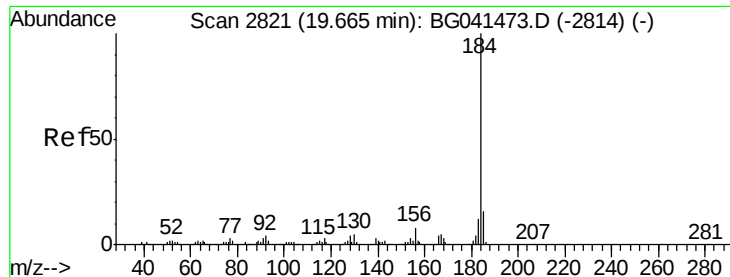


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 29.717 ng

RT: 19.66 min Scan# 2821

Delta R.T. -0.00 min

Lab File: BG041585.D

Acq: 3 Jul 2019 11:23

Instrument :

BNA_G

ClientSampleId :

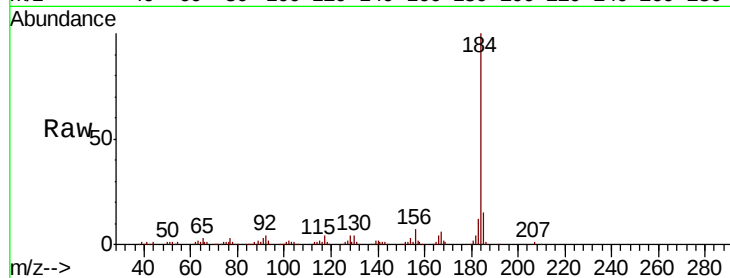
Tot Ion:184 Resp: 156854

Ion Ratio Lower Upper

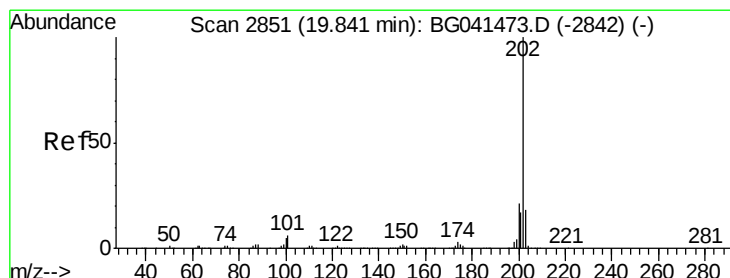
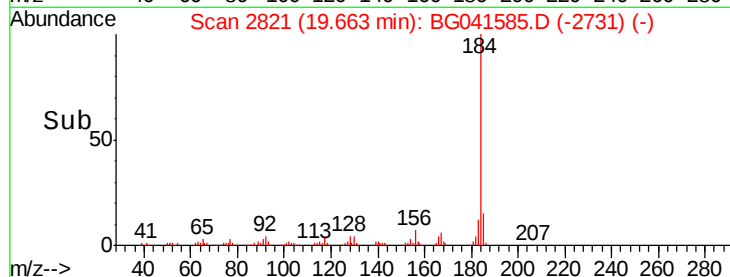
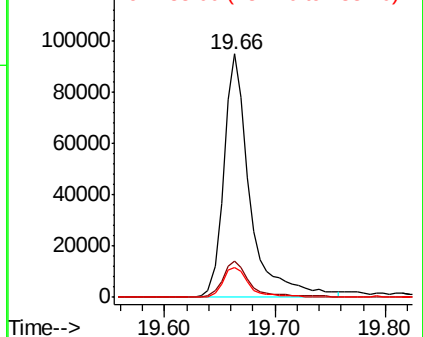
184 100

185 15.1 12.7 19.1

183 12.1 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: 46.525 ng

RT: 19.84 min Scan# 2851

Delta R.T. -0.00 min

Lab File: BG041585.D

Acq: 3 Jul 2019 11:23

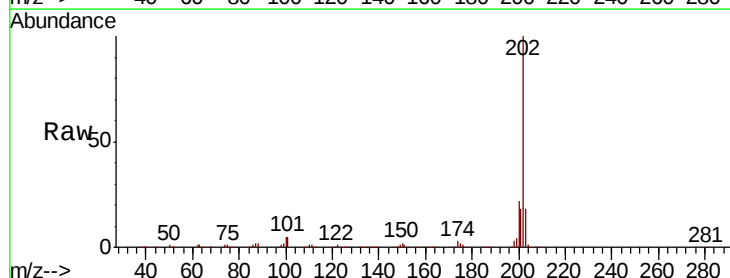
Tgt Ion:202 Resp: 755558

Ion Ratio Lower Upper

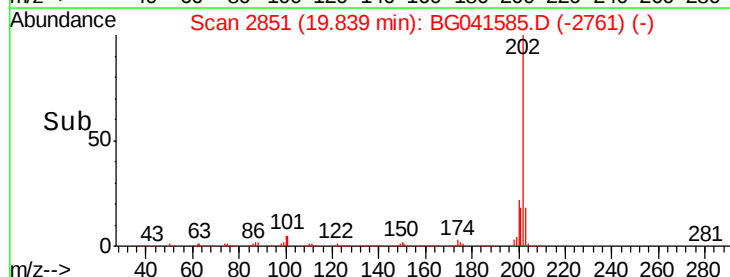
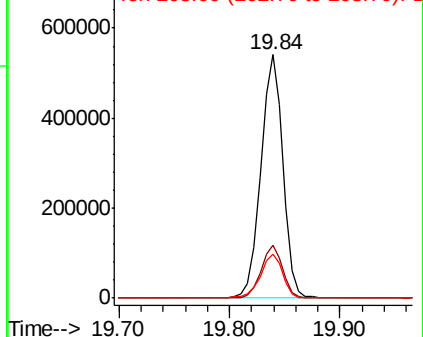
202 100

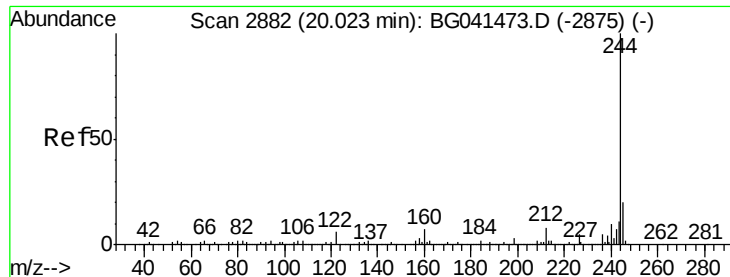
200 21.9 16.8 25.2

203 18.0 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: 103.245 ng

RT: 20.03 min Scan# 2883

Delta R.T. 0.00 min

Lab File: BG041585.D

Acq: 3 Jul 2019 11:23

Instrument :

BNA_G

ClientSampled :

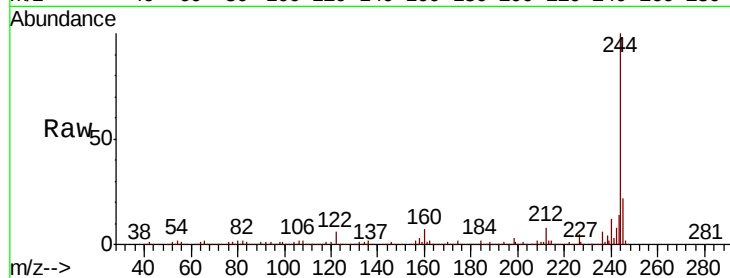
Tot Ion:244 Resp: 1155750

Ion Ratio Lower Upper

244 100

212 8.3 6.2 9.4

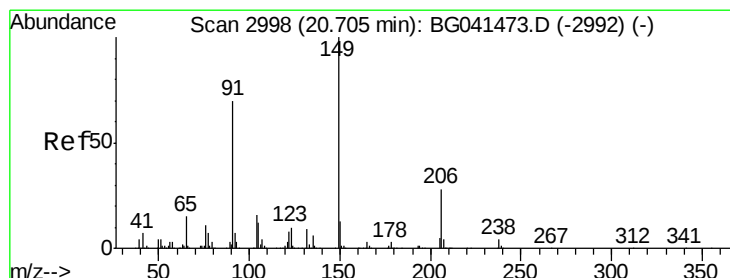
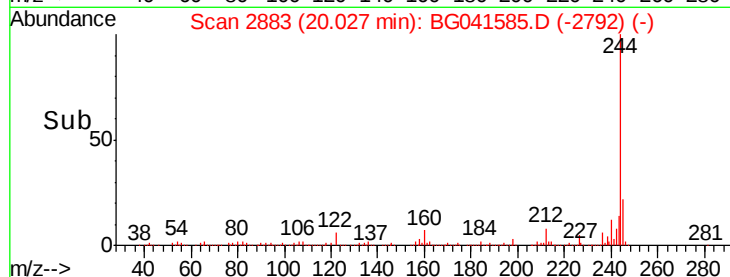
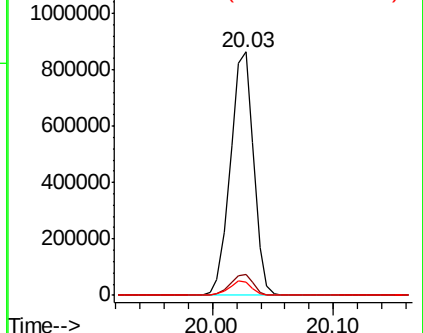
122 5.6 4.8 7.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 44.261 ng

RT: 20.70 min Scan# 2998

Delta R.T. -0.00 min

Lab File: BG041585.D

Acq: 3 Jul 2019 11:23

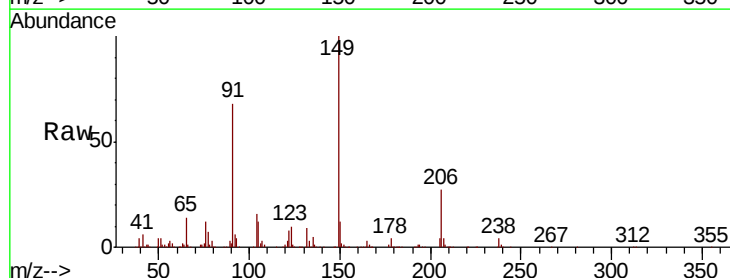
Tgt Ion:149 Resp: 268442

Ion Ratio Lower Upper

149 100

91 67.5 55.9 83.9

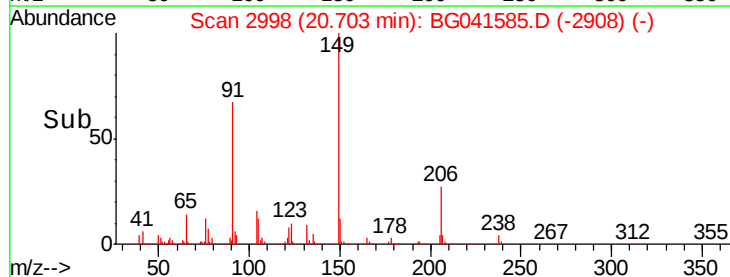
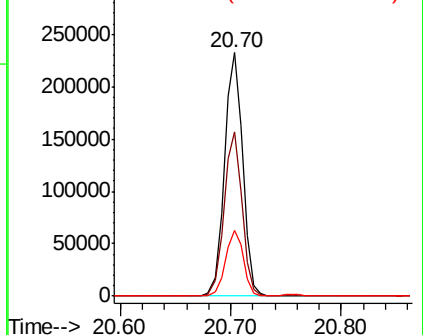
206 26.8 22.1 33.1

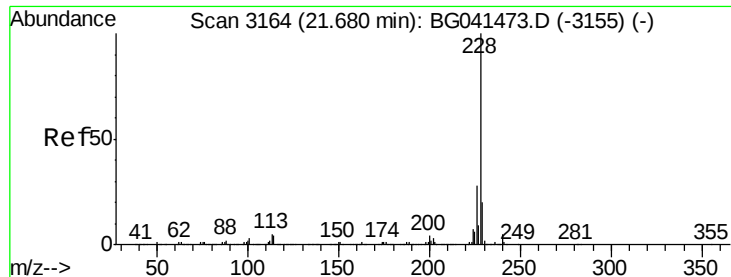


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

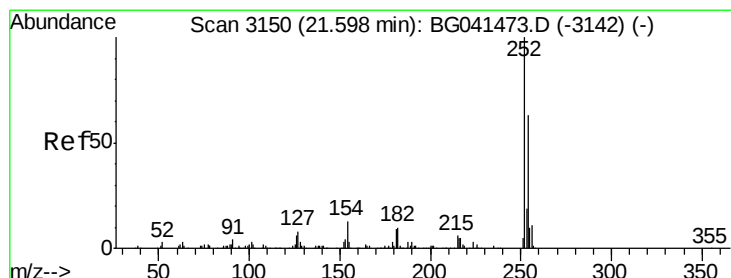
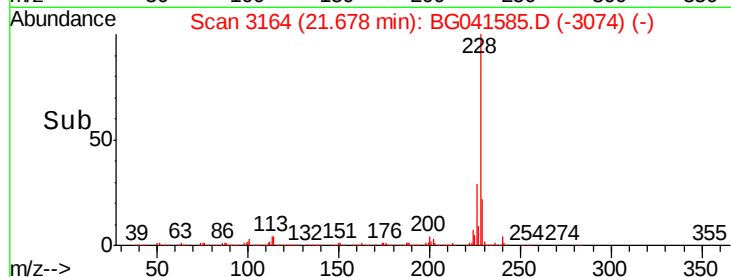
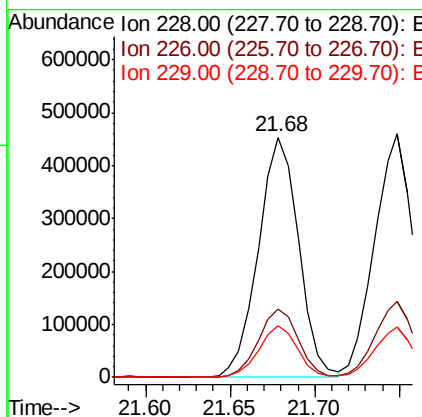
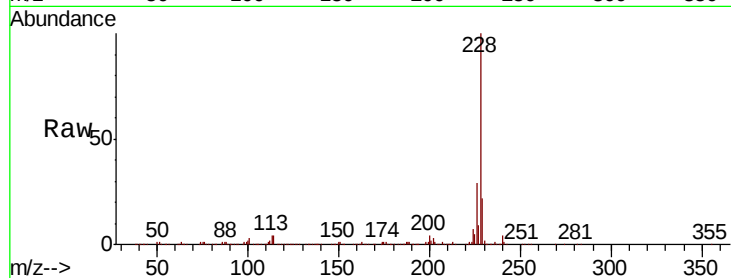




#81
Benzo(a)anthracene
Concen: 45.263 ng
RT: 21.68 min Scan# 3164
Delta R.T. -0.00 min
Lab File: BG041585.D
Acq: 3 Jul 2019 11:23

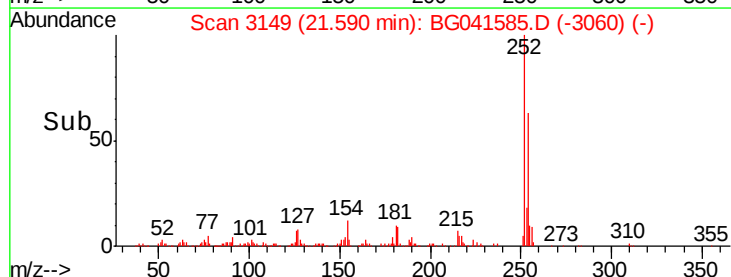
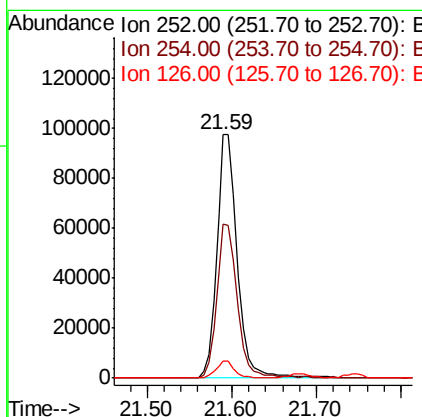
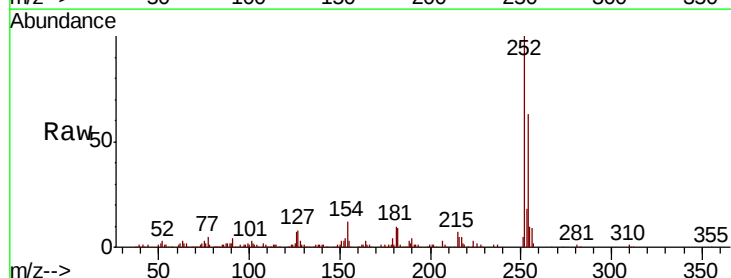
Instrument :
BNA_G
ClientSampleId :

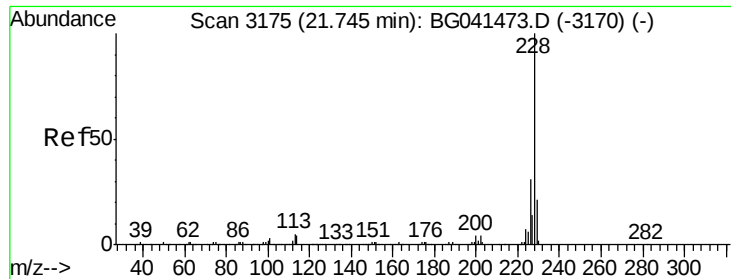
Tot Ion:228 Resp: 748583
Ion Ratio Lower Upper
228 100
226 28.7 22.6 33.8
229 21.7 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 28.786 ng
RT: 21.59 min Scan# 3149
Delta R.T. -0.01 min
Lab File: BG041585.D
Acq: 3 Jul 2019 11:23

Tgt Ion:252 Resp: 164853
Ion Ratio Lower Upper
252 100
254 63.2 50.4 75.6
126 7.1 4.9 7.3

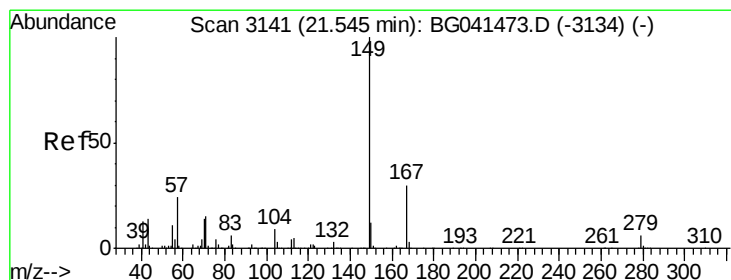
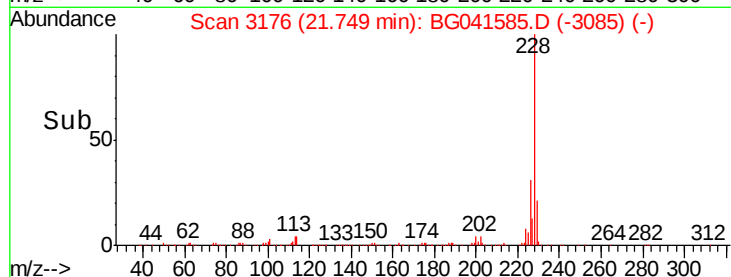
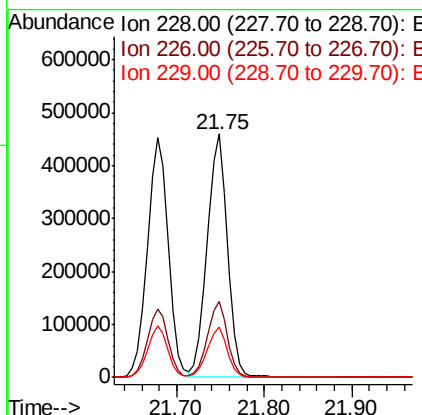
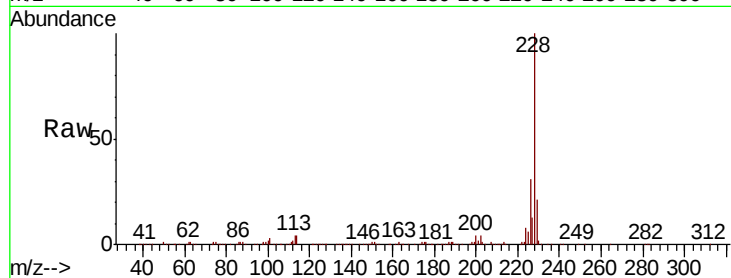




#83
 Chrysene
 Concen: 46.395 ng
 RT: 21.75 min Scan# 3176
 Delta R.T. 0.00 min
 Lab File: BG041585.D
 Acq: 3 Jul 2019 11:23

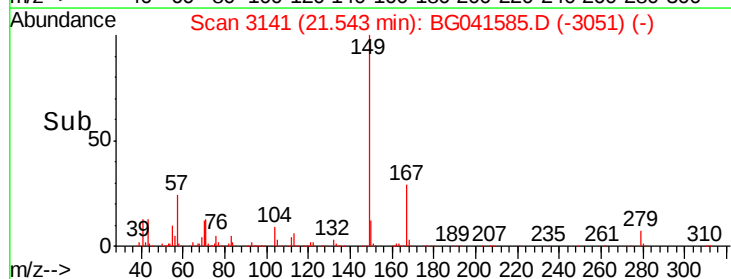
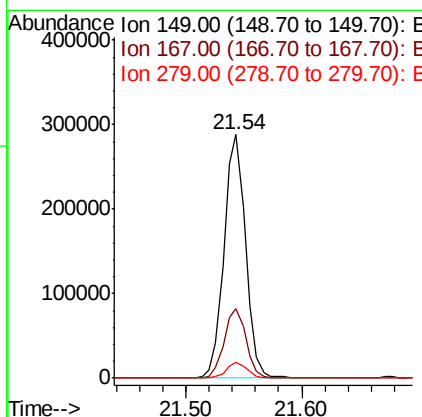
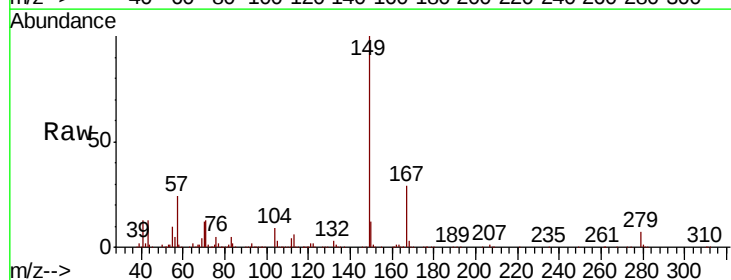
Instrument :
 BNA_G
 ClientSampleId :

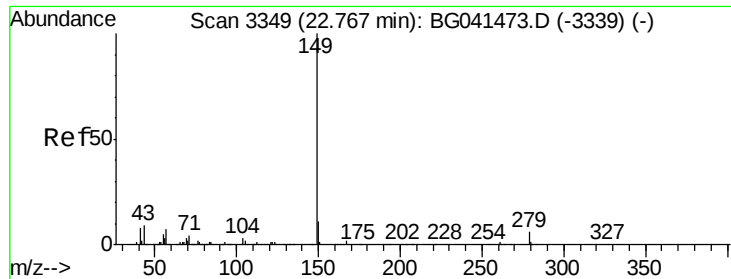
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.0	37.4
229	20.8	16.8	25.2



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.290 ng
 RT: 21.54 min Scan# 3141
 Delta R.T. -0.00 min
 Lab File: BG041585.D
 Acq: 3 Jul 2019 11:23

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.7	23.6	35.4
279	6.5	5.0	7.6





#85

Di-n-octyl phthalate

Concen: 43.847 ng

RT: 22.77 min Scan# 3349

Delta R.T. -0.00 min

Lab File: BG041585.D

Acq: 3 Jul 2019 11:23

Instrument :

BNA_G

ClientSampleId :

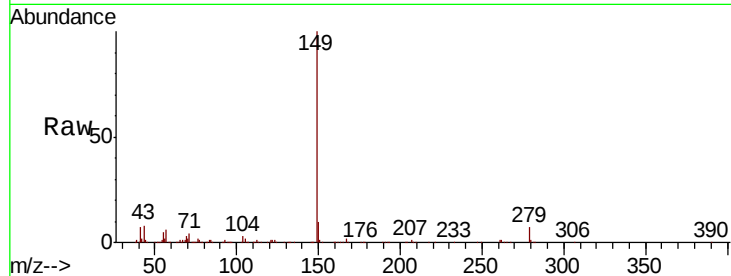
Tot Ion:149 Resp: 637990

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.2

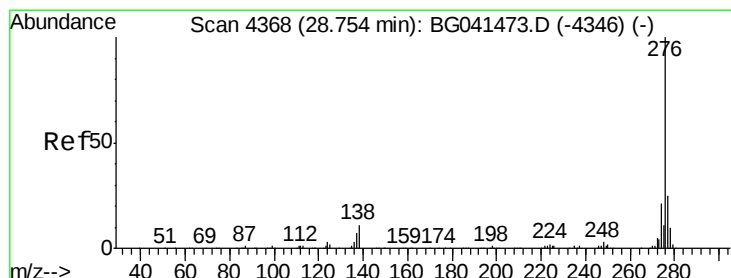
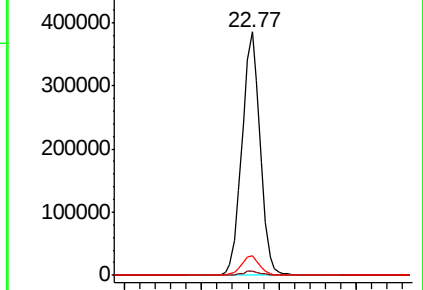
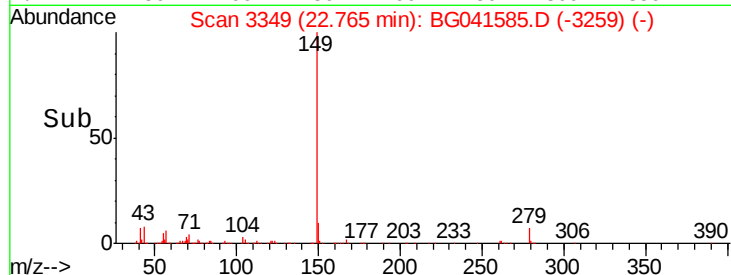
43 8.3 7.2 10.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 46.837 ng

RT: 28.77 min Scan# 4371

Delta R.T. 0.02 min

Lab File: BG041585.D

Acq: 3 Jul 2019 11:23

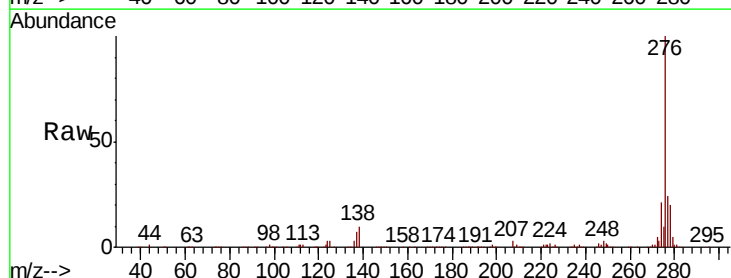
Tgt Ion:276 Resp: 907928

Ion Ratio Lower Upper

276 100

138 6.1 4.9 7.3

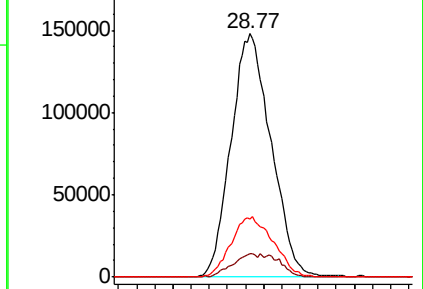
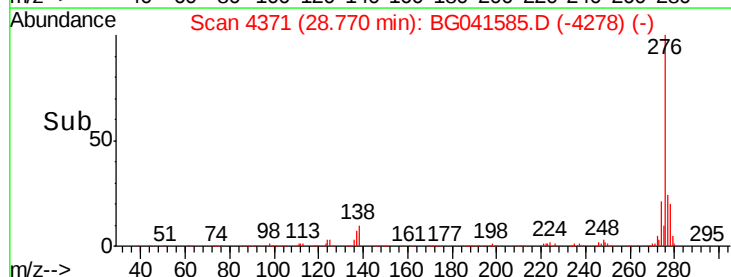
277 26.0 20.4 30.6

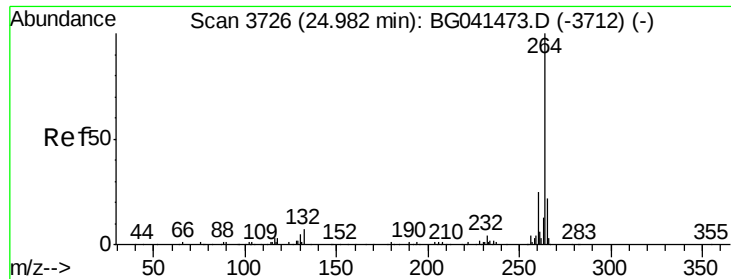


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

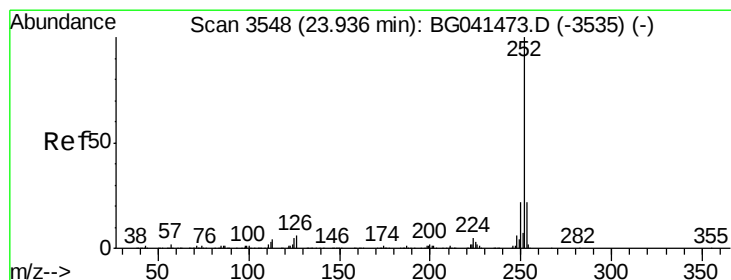
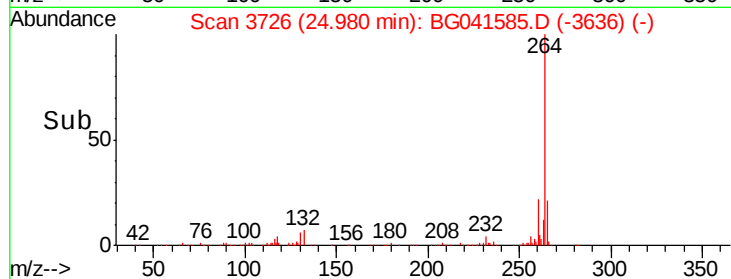
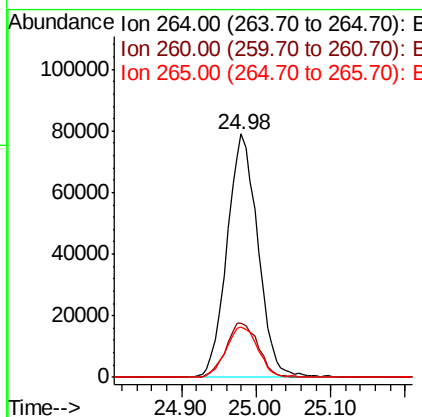
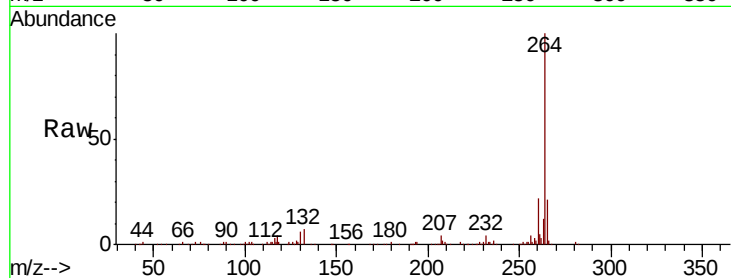




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.98 min Scan# 3726
 Delta R.T. -0.00 min
 Lab File: BG041585.D
 Acq: 3 Jul 2019 11:23

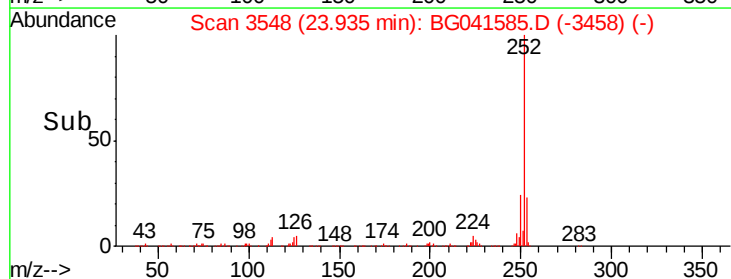
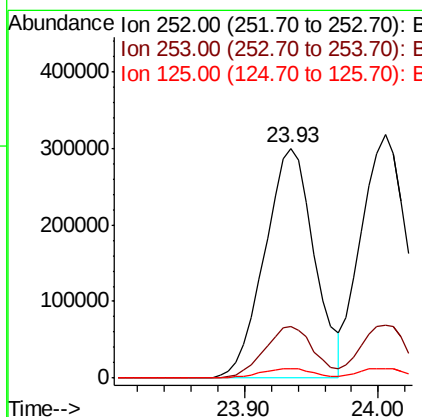
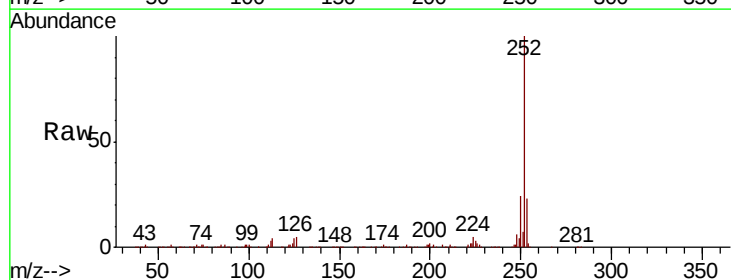
Instrument :
 BNA_G
 ClientSampled :

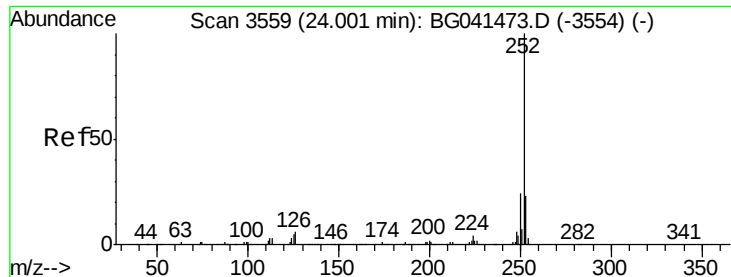
Tot Ion:264 Resp: 227201
 Ion Ratio Lower Upper
 264 100
 260 22.3 19.7 29.5
 265 20.8 17.4 26.2



#88
 Benzo(b)fluoranthene
 Concen: 53.346 ng
 RT: 23.93 min Scan# 3548
 Delta R.T. -0.00 min
 Lab File: BG041585.D
 Acq: 3 Jul 2019 11:23

Tgt Ion:252 Resp: 773057
 Ion Ratio Lower Upper
 252 100
 253 22.5 18.0 27.0
 125 3.9 3.8 5.8

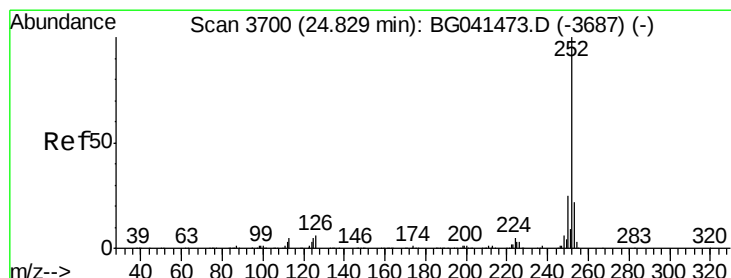
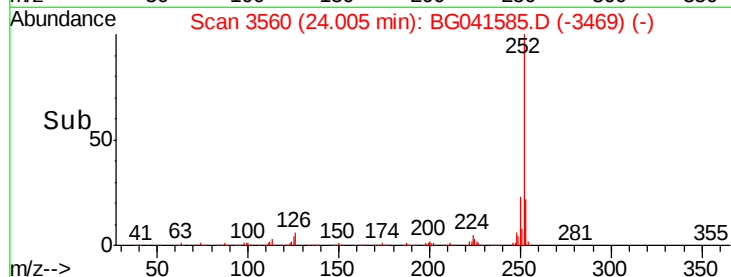
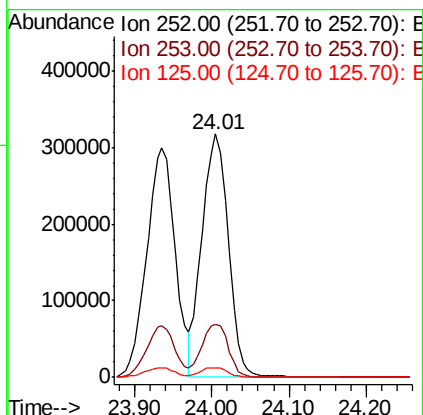
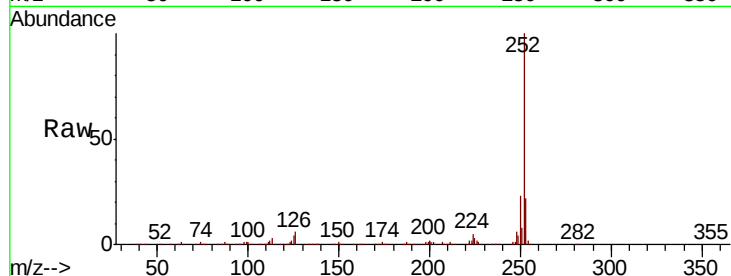




#89
Benzo(k)fluoranthene
Concen: 52.819 ng
RT: 24.01 min Scan# 3560
Delta R.T. 0.00 min
Lab File: BG041585.D
Acq: 3 Jul 2019 11:23

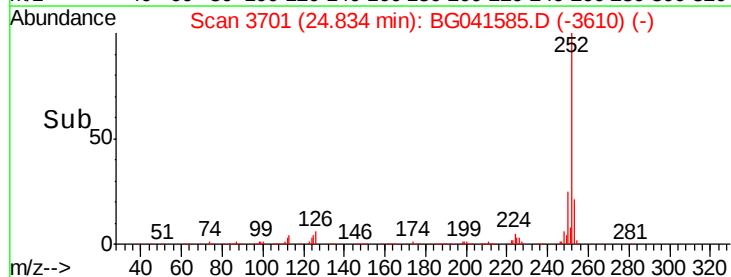
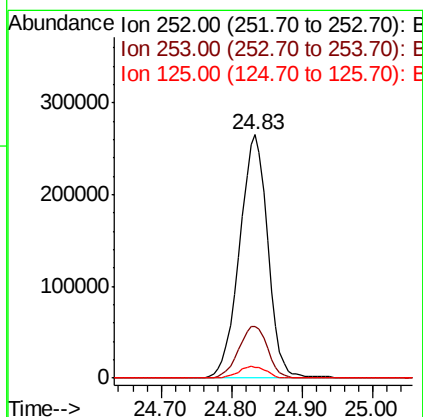
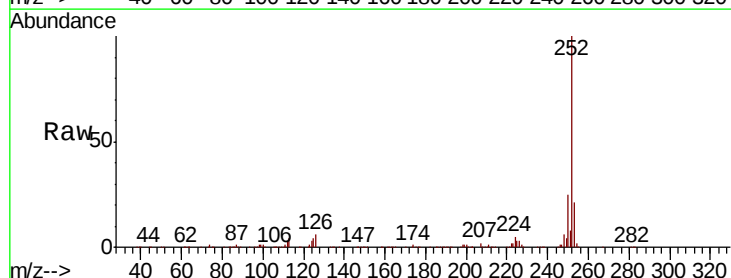
Instrument :
BNA_G
ClientSampleId :

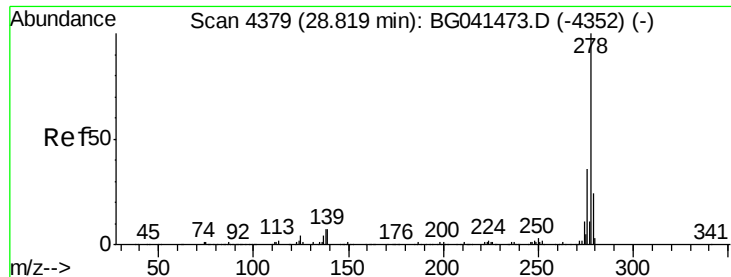
Tot Ion:252 Resp: 751469
Ion Ratio Lower Upper
252 100
253 21.8 18.3 27.5
125 3.9 4.0 6.0#



#90
Benzo(a)pyrene
Concen: 53.745 ng
RT: 24.83 min Scan# 3701
Delta R.T. 0.00 min
Lab File: BG041585.D
Acq: 3 Jul 2019 11:23

Tgt Ion:252 Resp: 739704
Ion Ratio Lower Upper
252 100
253 21.3 17.5 26.3
125 4.5 4.4 6.6

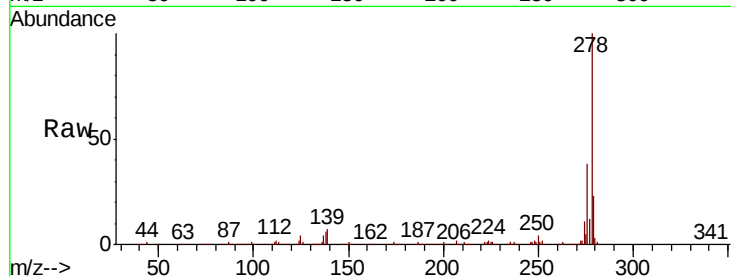




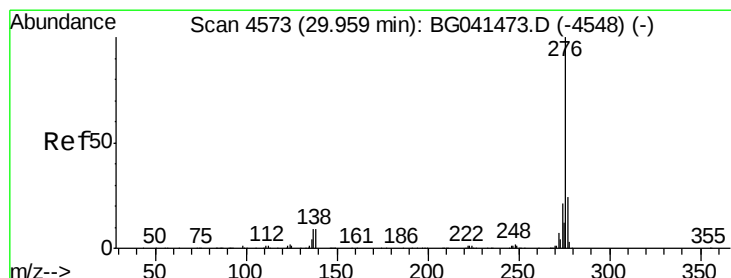
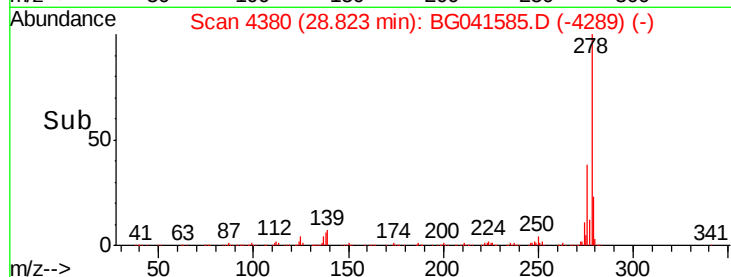
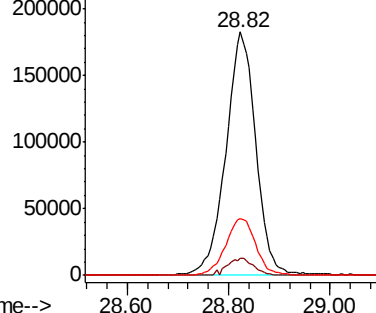
#91
Dibenzo(a,h)anthracene
Concen: 54.445 ng
RT: 28.82 min Scan# 4380
Delta R.T. 0.00 min
Lab File: BG041585.D
Acq: 3 Jul 2019 11:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 750718
Ion Ratio Lower Upper
278 100
139 7.2 5.9 8.9
279 23.4 18.9 28.3

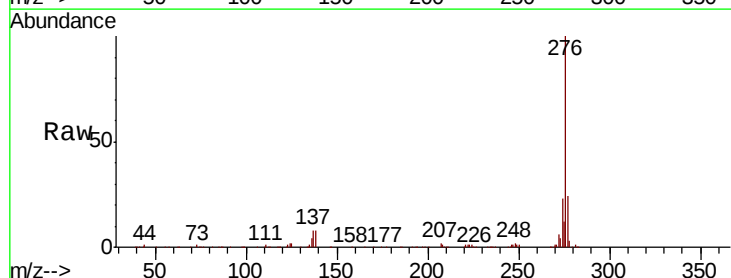


Abundance Ion 278.00 (277.70 to 278.70): E
250000 Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 55.186 ng
RT: 29.96 min Scan# 4573
Delta R.T. -0.00 min
Lab File: BG041585.D
Acq: 3 Jul 2019 11:23

Tgt Ion:276 Resp: 756571
Ion Ratio Lower Upper
276 100
277 23.5 19.4 29.2
138 8.4 7.6 11.4



Abundance Ion 276.00 (275.70 to 276.70): E
200000 Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

