

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071519\
 Data File : BG041641.D
 Acq On : 15 Jul 2019 8:31
 Operator : HP/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 15 11:51:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 15 11:42:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	100514	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	433428	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	266222	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	626125	20.00	ng	0.00
76) Chrysene-d12	21.66	240	580389	20.00	ng	0.00
87) Perylene-d12	24.85	264	677893	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	129921	21.69	ng	0.00
7) Phenol-d6	7.19	99	184332	22.72	ng	0.00
23) Nitrobenzene-d5	9.20	82	132835	18.68	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	58265	19.14	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	417696	24.67	ng	0.00
79) Terphenyl-d14	20.01	244	676327	28.48	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.50	88	31873	11.727	ng	97
3) Pyridine	3.90	79	82676	11.737	ng	97
4) n-Nitrosodimethylamine	3.82	42	34749	9.687	ng	# 92
6) Aniline	7.37	93	121156	10.895	ng	95
8) 2-Chlorophenol	7.61	128	75320	11.240	ng	99
9) Benzaldehyde	7.18	77	64742	14.458	ng	98
10) Phenol	7.22	94	93958	11.152	ng	98
11) bis(2-Chloroethyl)ether	7.46	93	76816	11.160	ng	96
12) 1,3-Dichlorobenzene	7.94	146	89888	10.986	ng	97
13) 1,4-Dichlorobenzene	8.09	146	90183	11.047	ng	98
14) 1,2-Dichlorobenzene	8.41	146	86848	11.187	ng	93
15) Benzyl Alcohol	8.28	79	69569	10.577	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.58	45	158676	10.731	ng	99
17) 2-Methylphenol	8.48	107	64793	10.795	ng	98
18) Hexachloroethane	9.14	117	31309	10.317	ng	92
19) n-Nitroso-di-n-propylamine	8.85	70	65215	10.943	ng	98
20) 3+4-Methylphenols	8.80	107	86912	10.518	ng	96
22) Acetophenone	8.87	105	117298	10.937	ng	# 96
24) Nitrobenzene	9.24	77	75518	10.167	ng	91
25) Isophorone	9.77	82	172527	11.140	ng	97
26) 2-Nitrophenol	9.96	139	26071	7.973	ng	99
27) 2,4-Dimethylphenol	10.01	122	67869	11.016	ng	99
28) bis(2-Chloroethoxy)methane	10.26	93	107164	11.151	ng	99
29) 2,4-Dichlorophenol	10.50	162	72806	10.214	ng	96
30) 1,2,4-Trichlorobenzene	10.72	180	90063	10.842	ng	98
31) Naphthalene	10.91	128	240593	11.367	ng	97
32) Benzoic acid	10.09	122	30802	6.804	ng	90
33) 4-Chloroaniline	11.00	127	107524	10.570	ng	95
34) Hexachlorobutadiene	11.21	225	56587	10.527	ng	100
35) Caprolactam	11.74	113	27347	10.063	ng	93
36) 4-Chloro-3-methylphenol	12.11	107	79167	10.687	ng	97
37) 2-Methylnaphthalene	12.51	142	182250	11.270	ng	99
38) 1-Methylnaphthalene	12.72	142	175924	11.462	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	101322	11.233	ng	97

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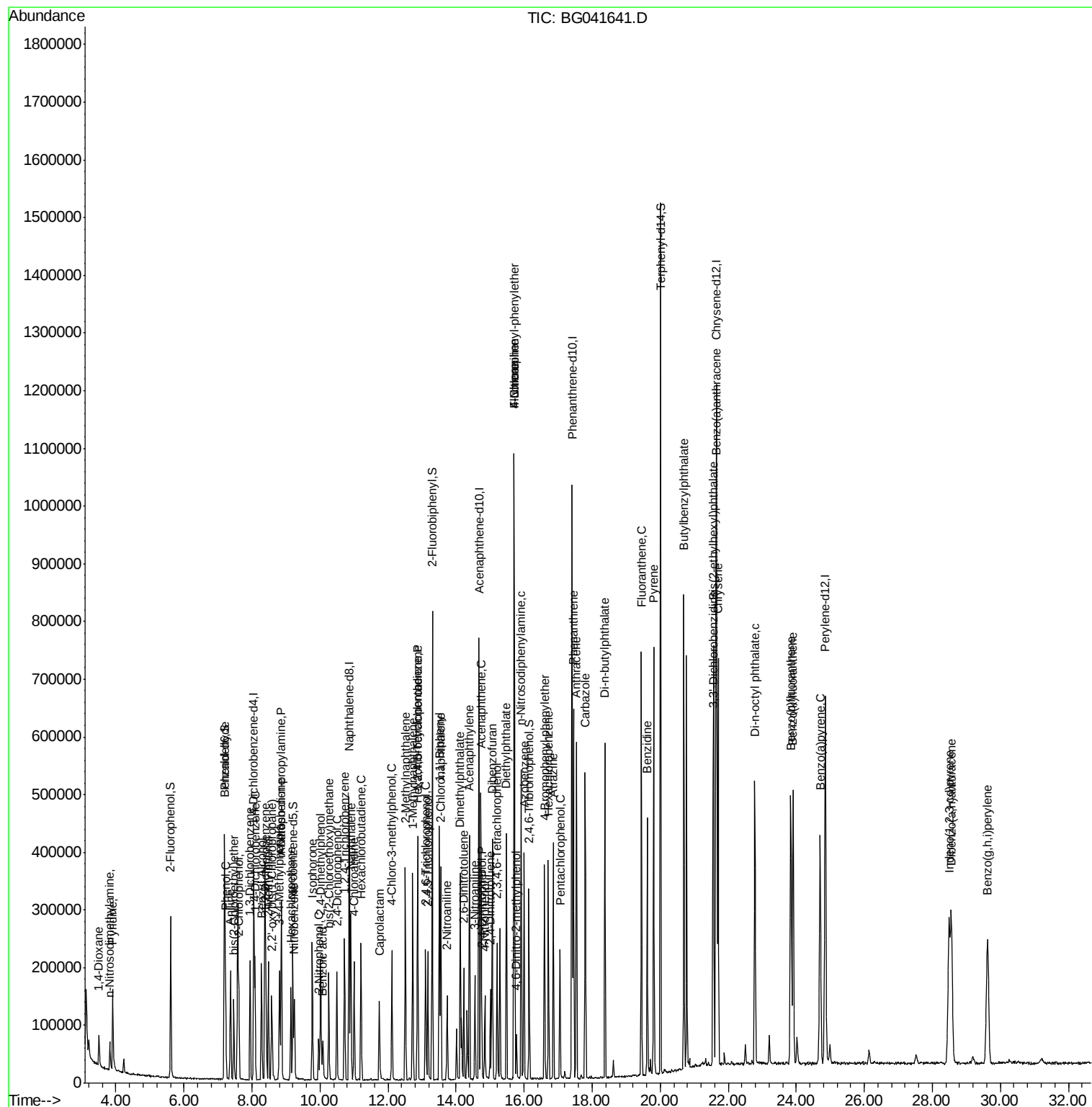
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	50216	9.085	ng	100
43) 2,4,6-Trichlorophenol	13.11	196	57898	9.776	ng	98
44) 2,4,5-Trichlorophenol	13.17	196	64449	10.656	ng	97
46) 1,1'-Biphenyl	13.51	154	232198	11.803	ng	95
47) 2-Chloronaphthalene	13.55	162	186988	11.413	ng	99
48) 2-Nitroaniline	13.73	65	37802	8.337	ng	97
49) Acenaphthylene	14.39	152	307935	12.341	ng	96
50) Dimethylphthalate	14.12	163	243163	11.657	ng	98
51) 2,6-Dinitrotoluene	14.23	165	39168	9.413	ng	98
52) Acenaphthene	14.73	154	180791	11.303	ng	98
53) 3-Nitroaniline	14.56	138	43540	9.333	ng #	92
54) 2,4-Dinitrophenol	14.76	184	13656	7.269	ng #	43
55) Dibenzofuran	15.07	168	289880	12.098	ng	93
56) 4-Nitrophenol	14.84	139	32895	8.863	ng	98
57) 2,4-Dinitrotoluene	15.01	165	46302	8.460	ng #	97
58) Fluorene	15.71	166	236936	12.195	ng	93
59) 2,3,4,6-Tetrachlorophenol	15.21	232	55605	9.764	ng	92
60) Diethylphthalate	15.48	149	245808	11.655	ng	95
61) 4-Chlorophenyl-phenylether	15.71	204	127799	11.480	ng	95
62) 4-Nitroaniline	15.71	138	49070	9.912	ng	97
63) Azobenzene	16.00	77	222969	12.009	ng	95
65) 4,6-Dinitro-2-methylphenol	15.77	198	20102	7.396	ng	85
66) n-Nitrosodiphenylamine	15.91	169	212727	11.224	ng	95
67) 4-Bromophenyl-phenylether	16.60	248	80223	10.365	ng	96
68) Hexachlorobenzene	16.71	284	81957	10.469	ng	96
69) Atrazine	16.86	200	77743	13.712	ng	97
70) Pentachlorophenol	17.05	266	43878	9.025	ng	98
71) Phenanthrene	17.45	178	383594	11.724	ng	93
72) Anthracene	17.54	178	380636	11.123	ng	93
73) Carbazole	17.79	167	350533	11.112	ng	93
74) Di-n-butylphthalate	18.37	149	422857	10.927	ng #	94
75) Fluoranthene	19.45	202	471610	11.972	ng	89
77) Benzidine	19.62	184	262599	13.548	ng	96
78) Pyrene	19.81	202	474818	12.715	ng #	88
80) Butylbenzylphthalate	20.70	149	174610	9.892	ng	93
81) Benzo(a)anthracene	21.64	228	449261	11.188	ng	90
82) 3,3'-Dichlorobenzidine	21.55	252	163812	9.810	ng	99
83) Chrysene	21.70	228	428382	11.984	ng	90
84) Bis(2-ethylhexyl)phthalate	21.57	149	268226	11.111	ng #	94
85) Di-n-octyl phthalate	22.78	149	437081	10.432	ng	96
86) Indeno(1,2,3-cd)pyrene	28.49	276	508813	10.478	ng #	93
88) Benzo(b)fluoranthene	23.84	252	463687	11.521	ng	96
89) Benzo(k)fluoranthene	23.91	252	437790	11.414	ng	94
90) Benzo(a)pyrene	24.70	252	434651	11.269	ng	96
91) Dibenzo(a,h)anthracene	28.56	278	409955	10.946	ng	98
92) Benzo(g,h,i)perylene	29.63	276	407208	10.900	ng	95

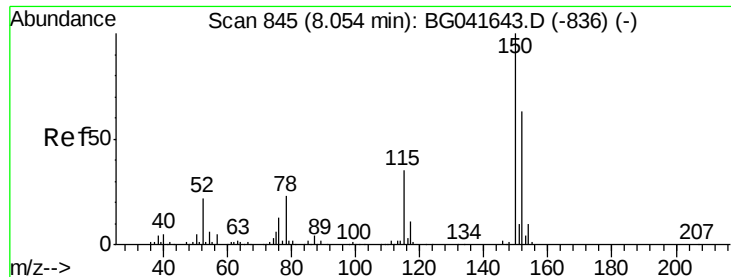
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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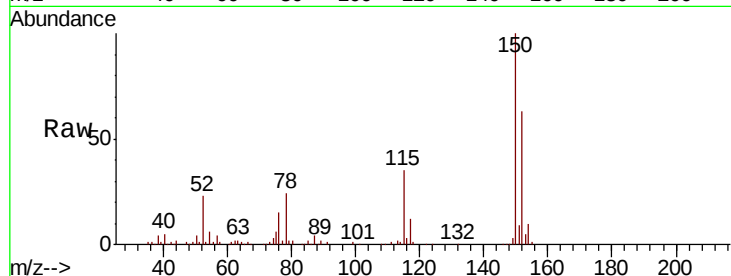


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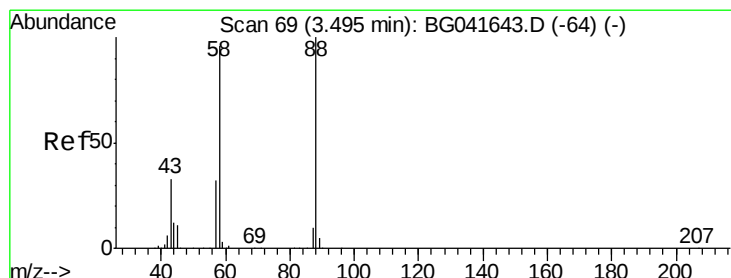
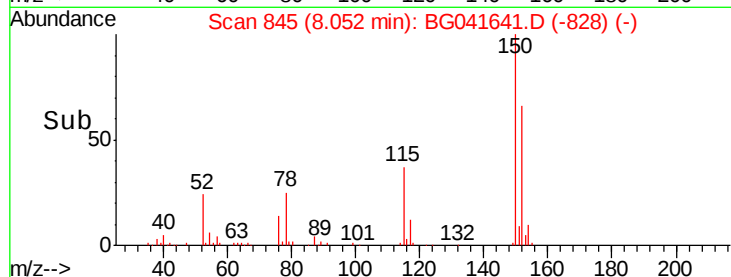
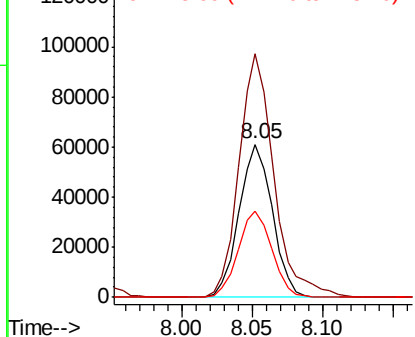
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.00 min
Lab File: BG041641.D
Acq: 15 Jul 2019 8:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 100514
Ion Ratio Lower Upper
152 100
150 159.0 126.9 190.3
115 56.3 45.0 67.6



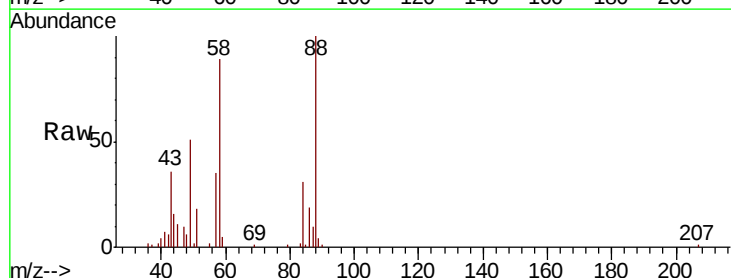
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



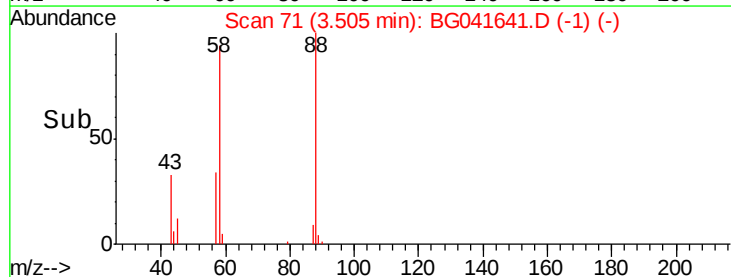
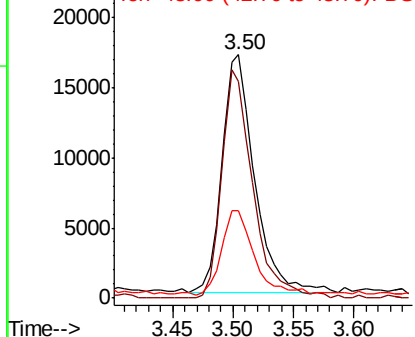
#2

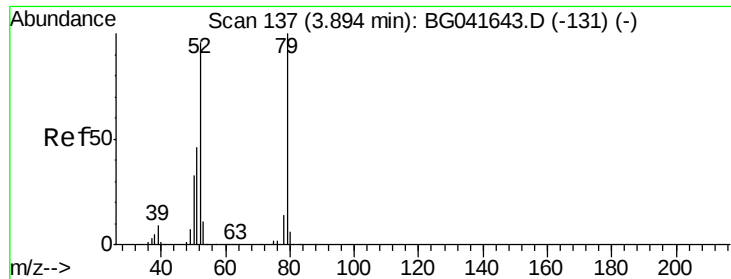
1,4-Dioxane
Concen: 11.727 ng
RT: 3.50 min Scan# 71
Delta R.T. 0.01 min
Lab File: BG041641.D
Acq: 15 Jul 2019 8:31

Tgt Ion: 88 Resp: 31873
Ion Ratio Lower Upper
88 100
58 91.0 76.2 114.2
43 34.5 27.2 40.8



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





#3

Pvridine

Concen: 11.737 ng

RT: 3.90 min Scan# 139

Delta R.T. 0.01 min

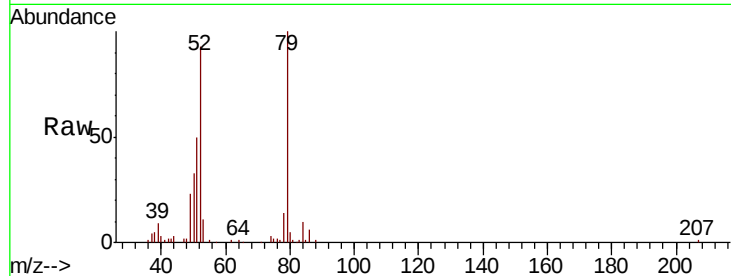
Lab File: BG041641.D

Acq: 15 Jul 2019 8:31

Instrument :

BNA_G

ClientSampled :



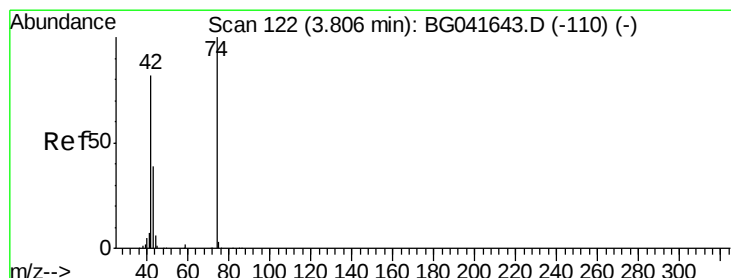
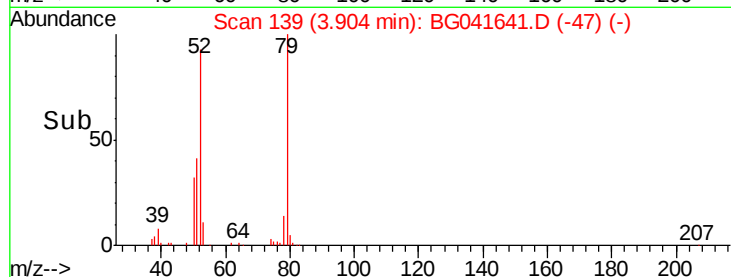
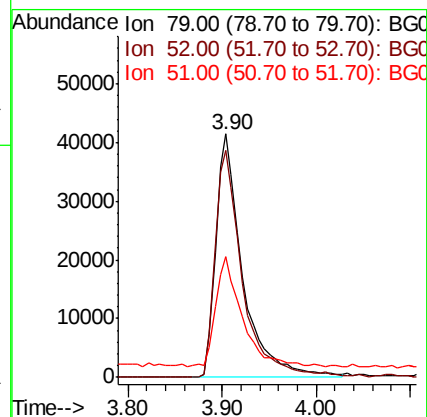
Tot Ion: 79 Resp: 82676

Ion Ratio Lower Upper

79 100

52 93.5 77.1 115.7

51 49.7 37.8 56.8



#4

n-Nitrosodimethylamine

Concen: 9.687 ng

RT: 3.82 min Scan# 124

Delta R.T. 0.01 min

Lab File: BG041641.D

Acq: 15 Jul 2019 8:31

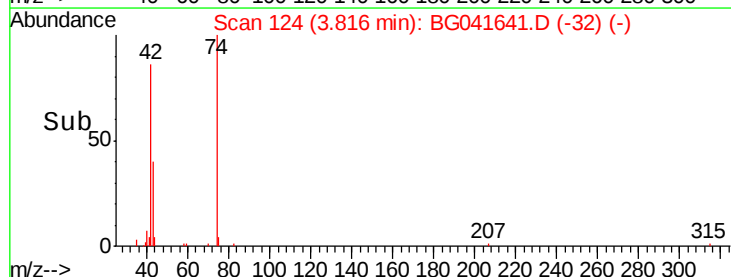
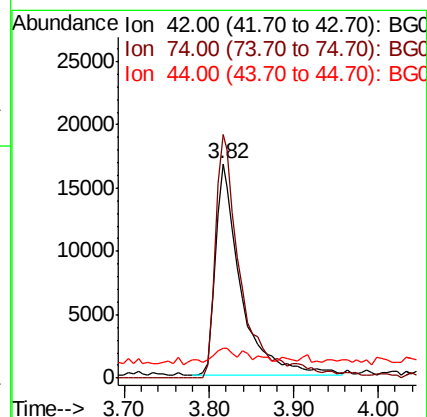
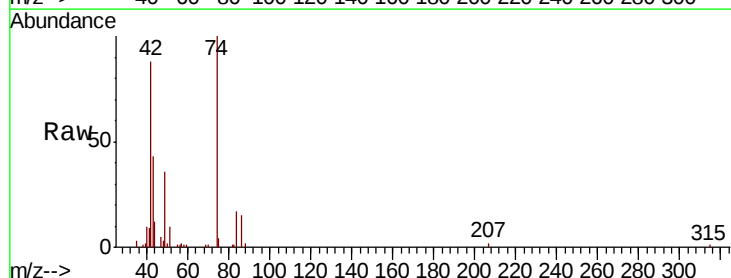
Tgt Ion: 42 Resp: 34749

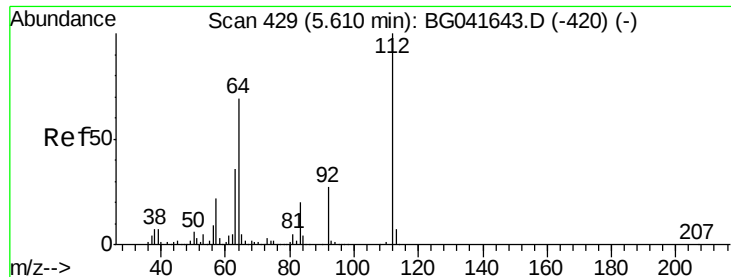
Ion Ratio Lower Upper

42 100

74 113.5 97.4 146.2

44 14.1 6.6 9.8#





#5

2-Fluorophenol

Concen: 21.690 ng

RT: 5.61 min Scan# 429

Delta R.T. -0.00 min

Lab File: BG041641.D

Acq: 15 Jul 2019 8:31

Instrument :

BNA_G

ClientSampleId :

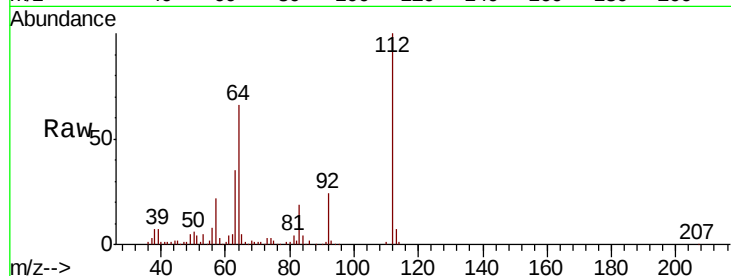
Tot Ion:112 Resp: 129921

Ion Ratio Lower Upper

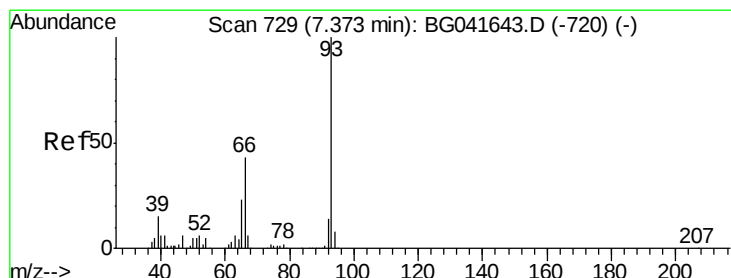
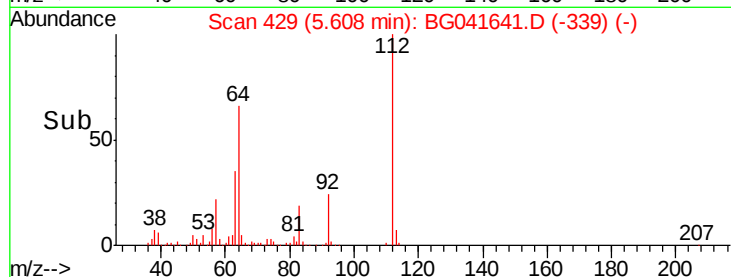
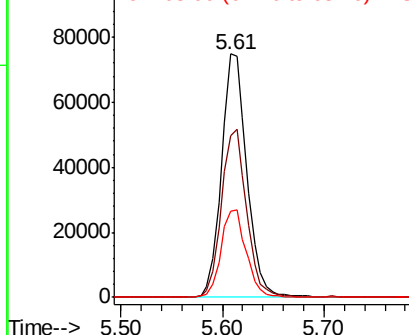
112 100

64 66.4 55.4 83.2

63 35.2 29.1 43.7



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: 10.895 ng

RT: 7.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BG041641.D

Acq: 15 Jul 2019 8:31

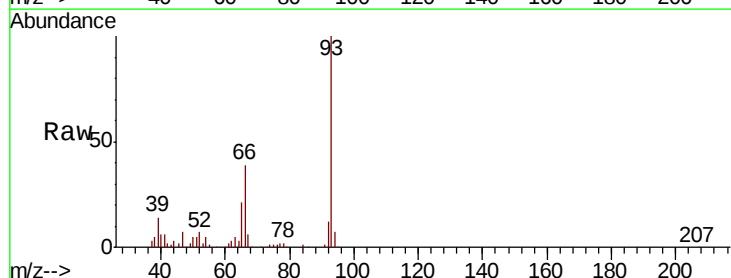
Tgt Ion: 93 Resp: 121156

Ion Ratio Lower Upper

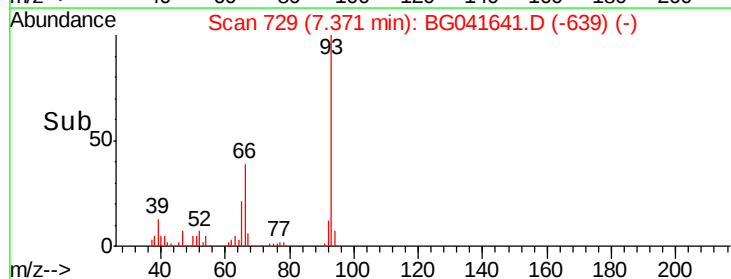
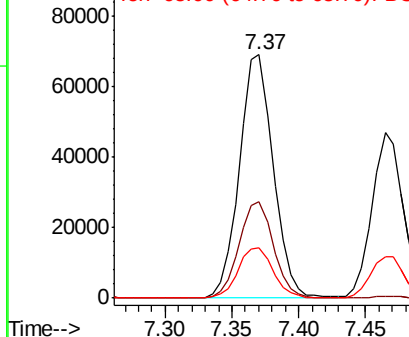
93 100

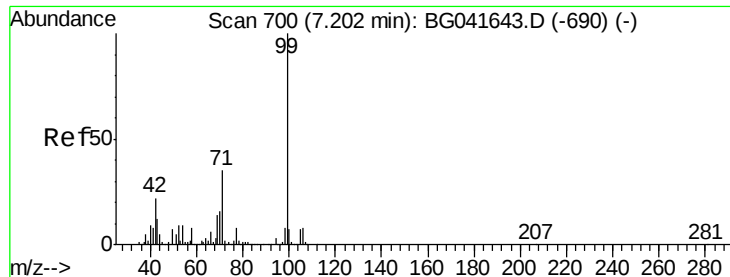
66 39.5 34.2 51.2

65 20.7 18.2 27.2



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 22.716 ng

RT: 7.19 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG041641.D

Acq: 15 Jul 2019 8:31

Instrument :

BNA_G

ClientSampleId :

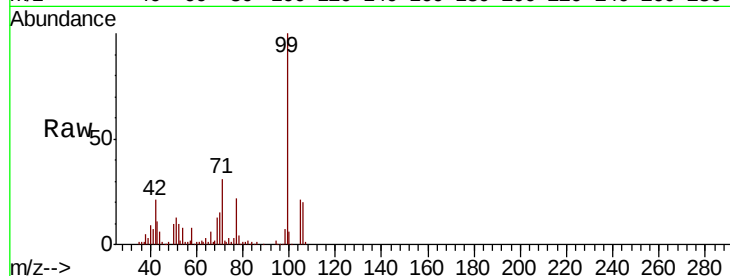
Tot Ion: 99 Resp: 184332

Ion Ratio Lower Upper

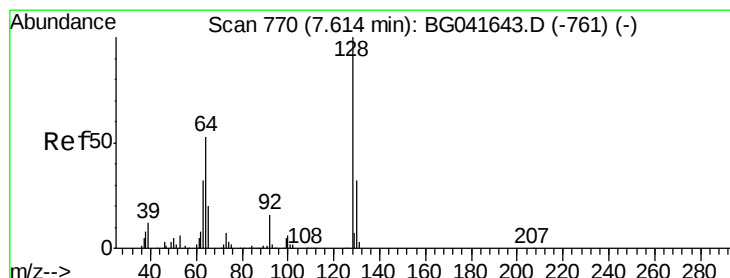
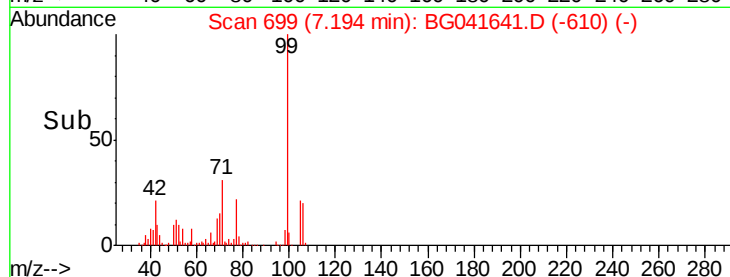
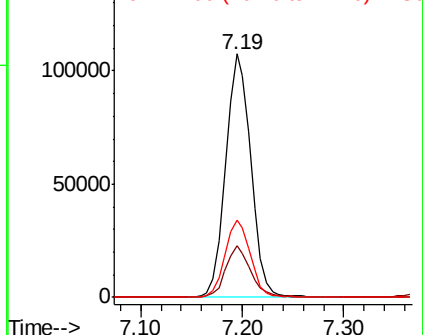
99 100

42 21.2 17.6 26.4

71 31.5 27.8 41.6



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



#8

2-Chlorophenol

Concen: 11.240 ng

RT: 7.61 min Scan# 770

Delta R.T. -0.00 min

Lab File: BG041641.D

Acq: 15 Jul 2019 8:31

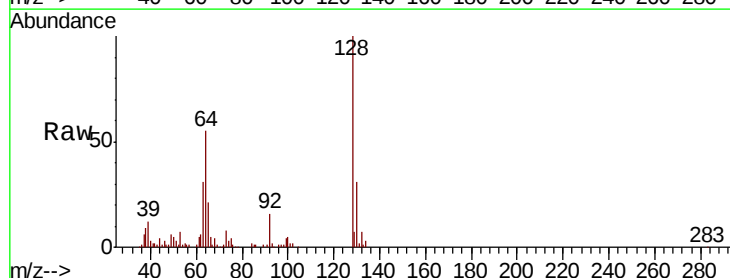
Tgt Ion:128 Resp: 75320

Ion Ratio Lower Upper

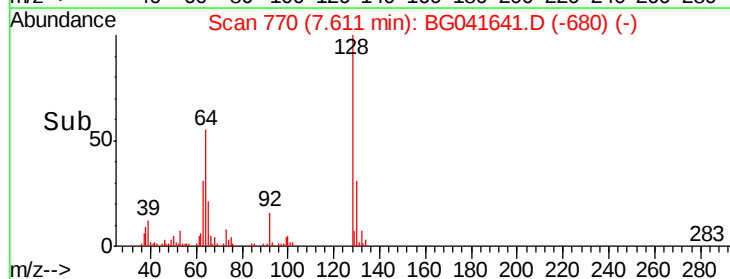
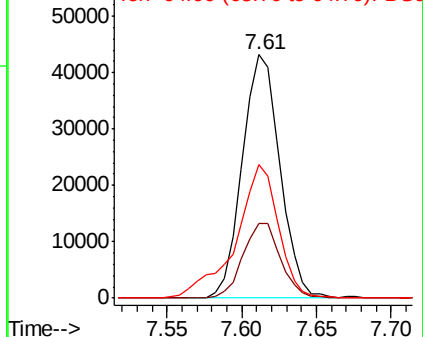
128 100

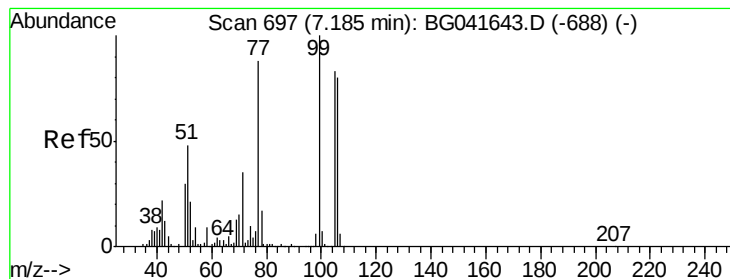
130 30.9 12.4 52.4

64 55.1 34.9 74.9



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





#9

Benzaldehyde

Concen: 14.458 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG041641.D

Acq: 15 Jul 2019 8:31

Instrument :

BNA_G

ClientSampled :

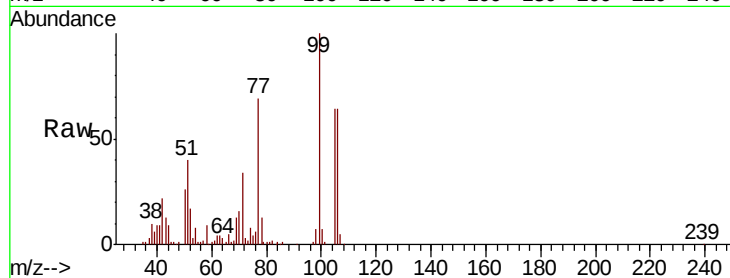
Tot Ion: 77 Resp: 64742

Ion Ratio Lower Upper

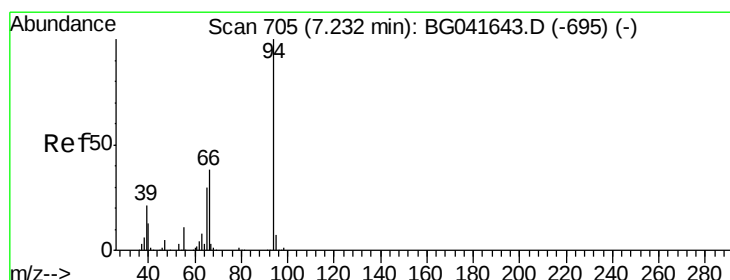
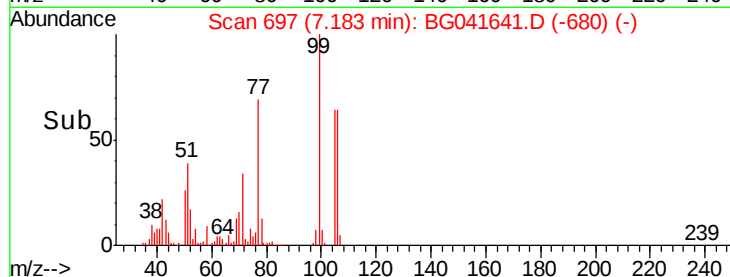
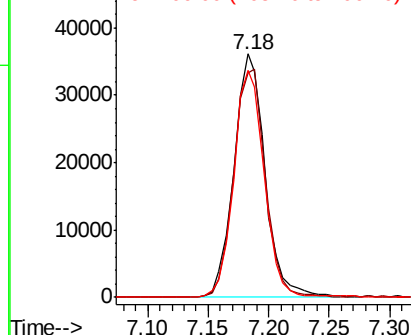
77 100

105 92.4 74.6 114.6

106 93.1 71.1 111.1



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



#10

Phenol

Concen: 11.152 ng

RT: 7.22 min Scan# 704

Delta R.T. -0.01 min

Lab File: BG041641.D

Acq: 15 Jul 2019 8:31

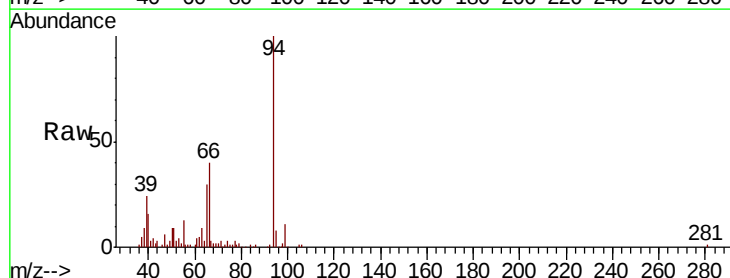
Tgt Ion: 94 Resp: 93958

Ion Ratio Lower Upper

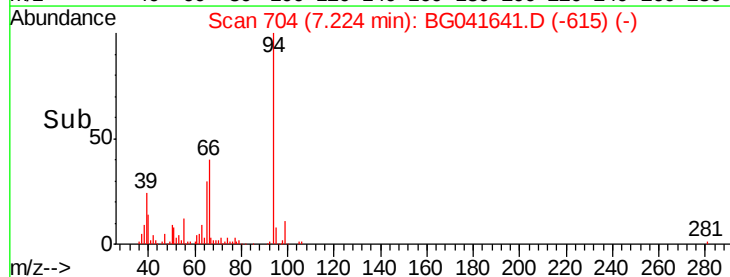
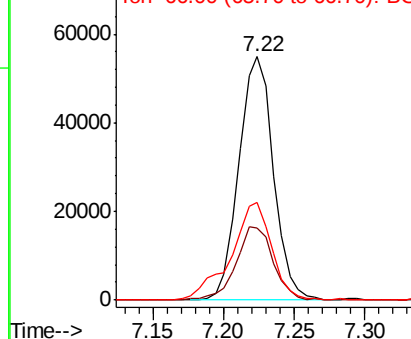
94 100

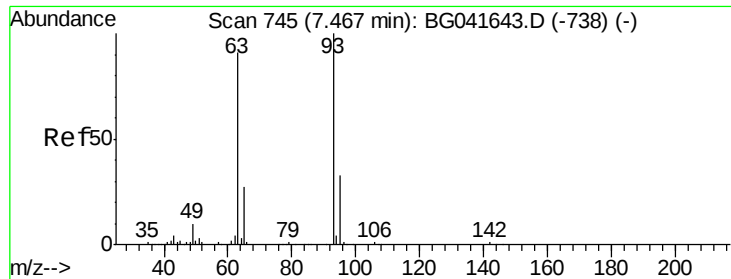
65 29.7 10.6 50.6

66 39.9 18.2 58.2



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



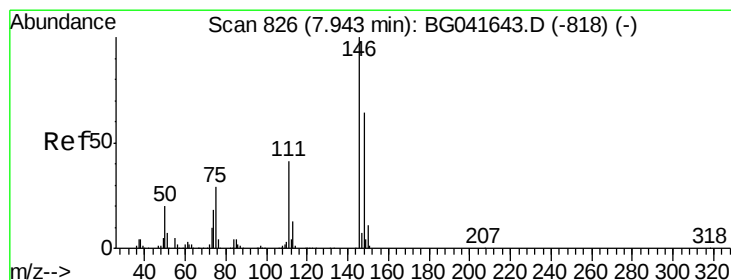
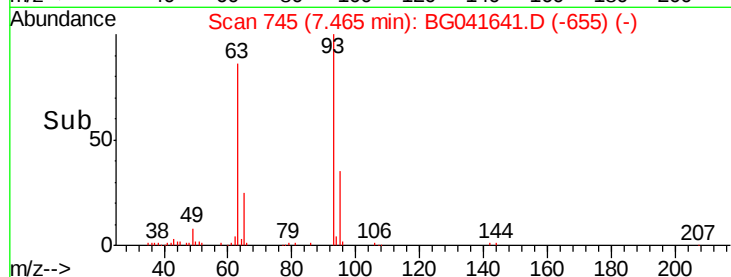
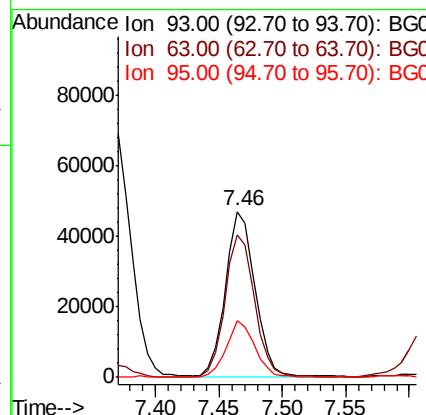
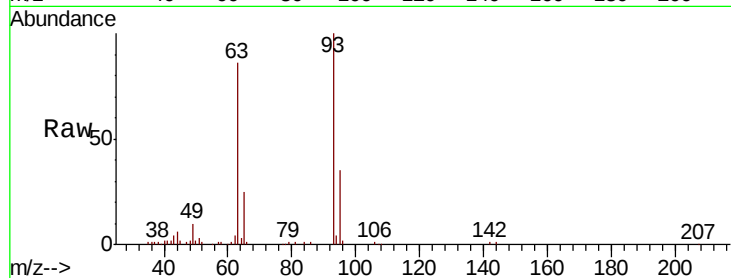


#11
 bis(2-Chloroethyl)ether
 Concen: 11.160 ng
 RT: 7.46 min Scan# 745
 Delta R.T. -0.00 min
 Lab File: BG041641.D
 Acq: 15 Jul 2019 8:31

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 93 Resp: 76816

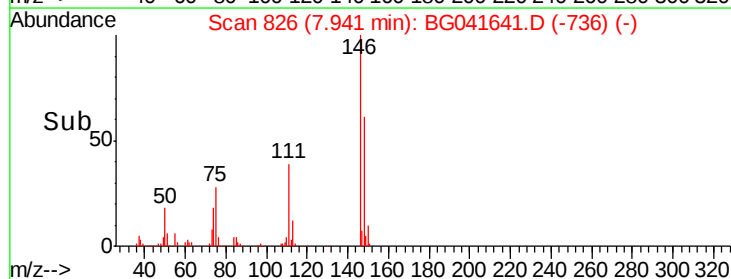
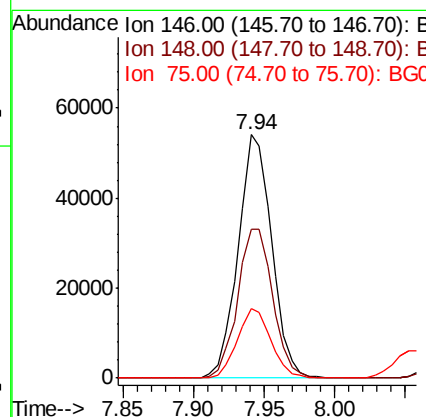
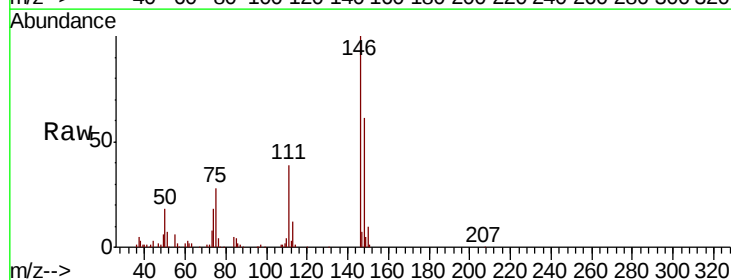
Ion	Ratio	Lower	Upper
93	100		
63	86.2	70.4	110.4
95	34.6	12.8	52.8

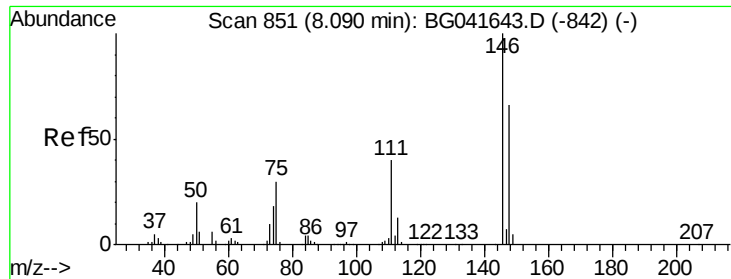


#12
 1,3-Dichlorobenzene
 Concen: 10.986 ng
 RT: 7.94 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: BG041641.D
 Acq: 15 Jul 2019 8:31

Tgt Ion: 146 Resp: 89888

Ion	Ratio	Lower	Upper
146	100		
148	61.3	51.5	77.3
75	28.4	23.2	34.8

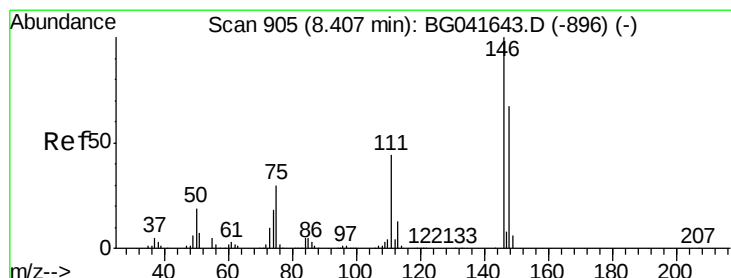
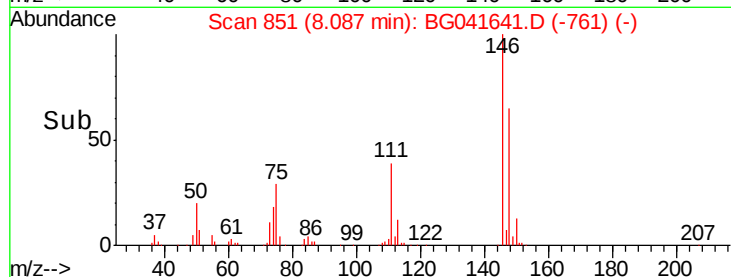
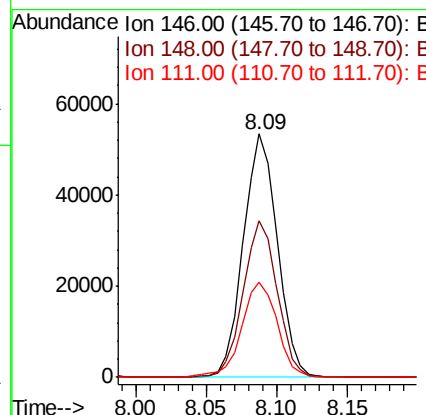
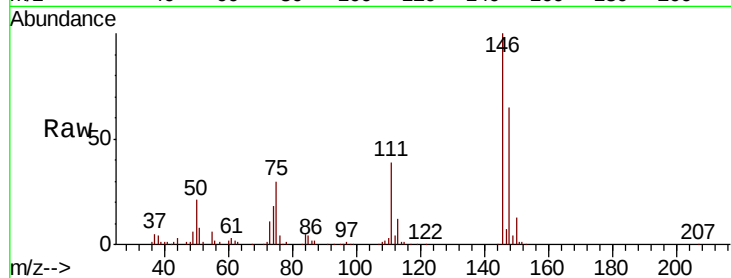




#13
 1,4-Dichlorobenzene
 Concen: 11.047 ng
 RT: 8.09 min Scan# 851
 Delta R.T. -0.00 min
 Lab File: BG041641.D
 Acq: 15 Jul 2019 8:31

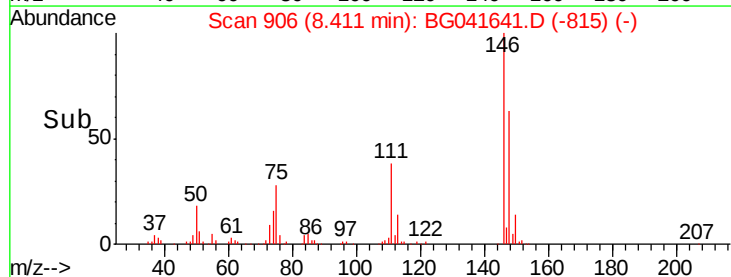
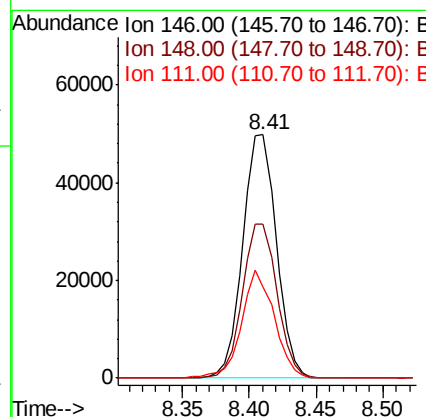
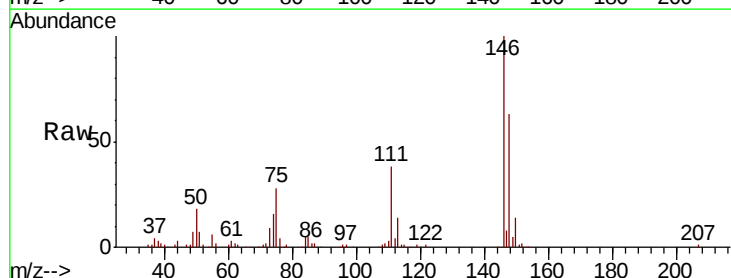
Instrument :
 BNA_G
 ClientSampleId :

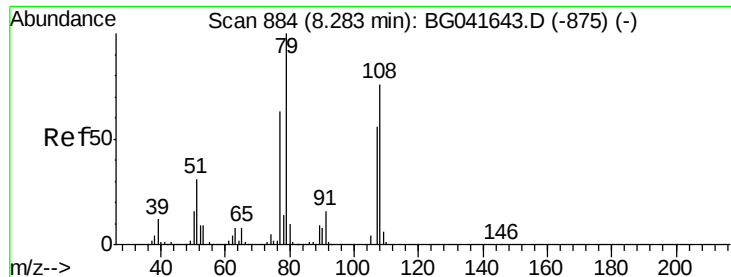
Tot Ion:146 Resp: 90183
 Ion Ratio Lower Upper
 146 100
 148 64.5 52.6 79.0
 111 39.2 32.5 48.7



#14
 1,2-Dichlorobenzene
 Concen: 11.187 ng
 RT: 8.41 min Scan# 906
 Delta R.T. 0.00 min
 Lab File: BG041641.D
 Acq: 15 Jul 2019 8:31

Tgt Ion:146 Resp: 86848
 Ion Ratio Lower Upper
 146 100
 148 63.4 53.5 80.3
 111 37.5 35.4 53.0





#15

Benzyl Alcohol

Concen: 10.577 ng

RT: 8.28 min Scan# 884

Delta R.T. -0.00 min

Lab File: BG041641.D

Acq: 15 Jul 2019 8:31

Instrument :

BNA_G

ClientSampled :

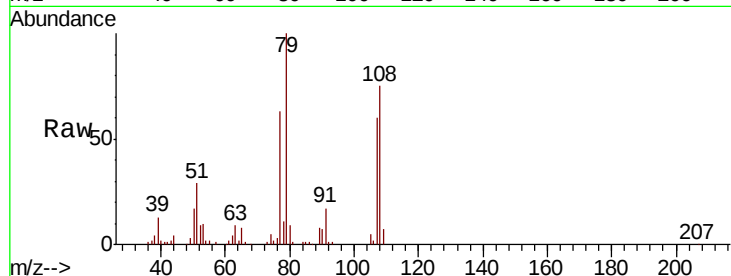
Tot Ion: 79 Resp: 69569

Ion Ratio Lower Upper

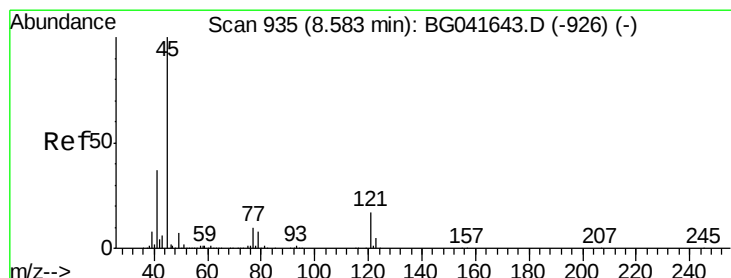
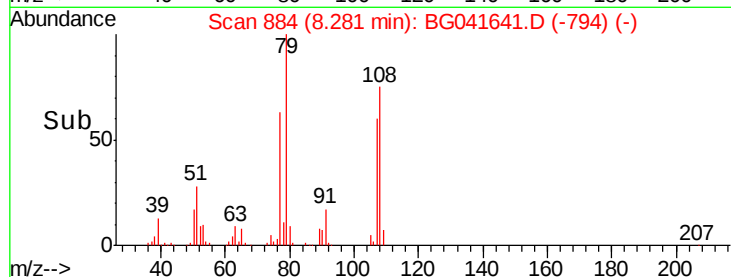
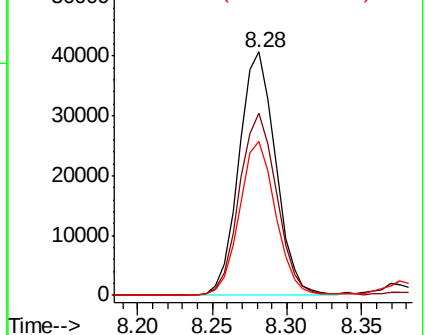
79 100

108 74.9 60.5 90.7

77 63.2 50.6 75.8



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 10.731 ng

RT: 8.58 min Scan# 935

Delta R.T. -0.00 min

Lab File: BG041641.D

Acq: 15 Jul 2019 8:31

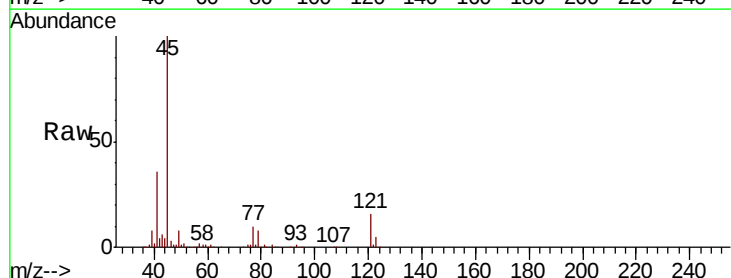
Tgt Ion: 45 Resp: 158676

Ion Ratio Lower Upper

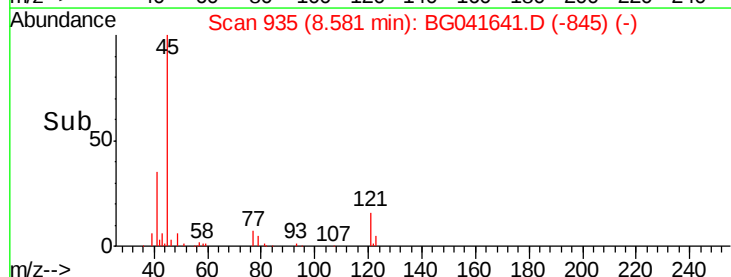
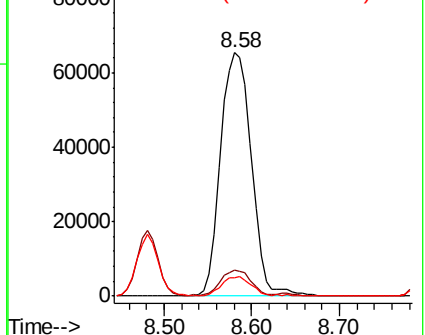
45 100

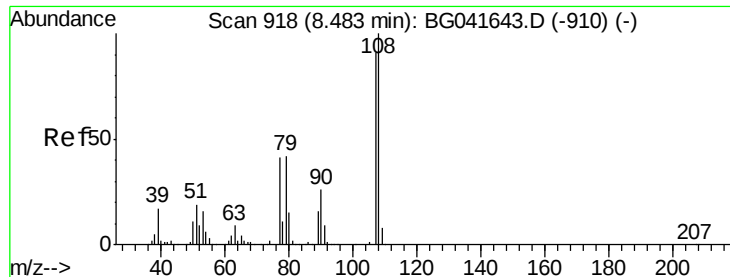
77 10.5 0.0 30.4

79 7.6 0.0 27.9



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





#17

2-Methylphenol

Concen: 10.795 ng

RT: 8.48 min Scan# 918

Delta R.T. -0.00 min

Lab File: BG041641.D

Acq: 15 Jul 2019 8:31

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 64793

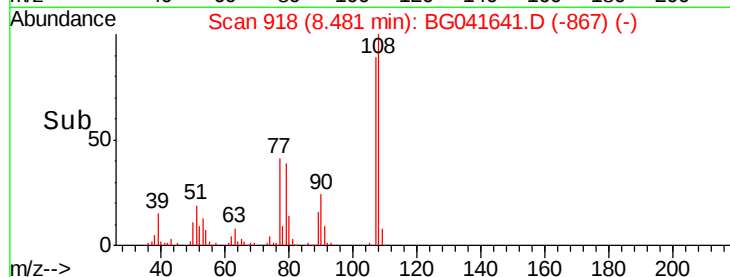
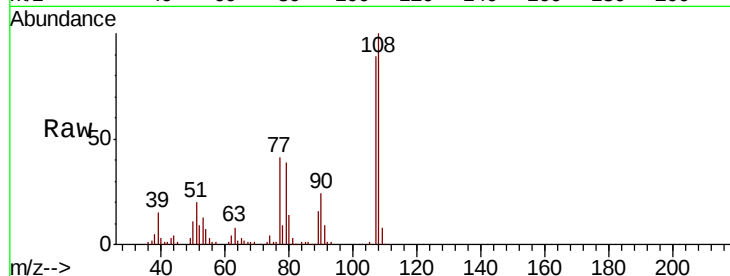
Ion Ratio Lower Upper

107 100

108 112.1 87.6 131.4

77 46.1 36.1 54.1

79 43.3 36.4 54.6

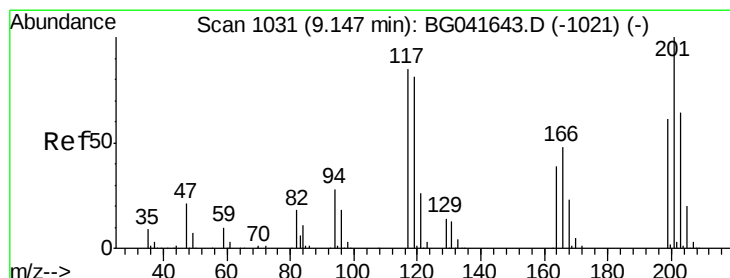
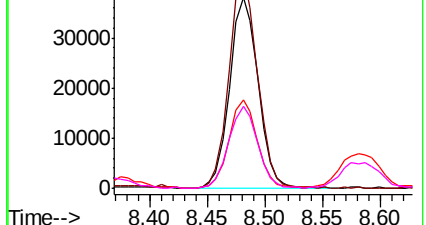


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 10.317 ng

RT: 9.14 min Scan# 1031

Delta R.T. -0.00 min

Lab File: BG041641.D

Acq: 15 Jul 2019 8:31

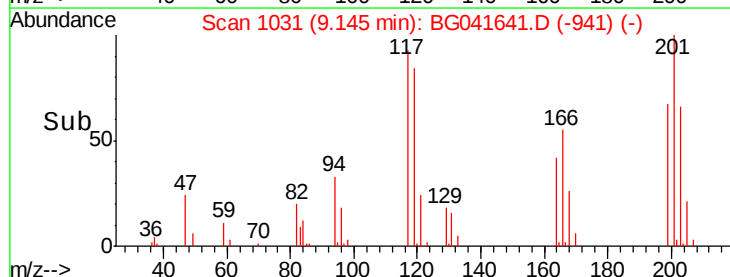
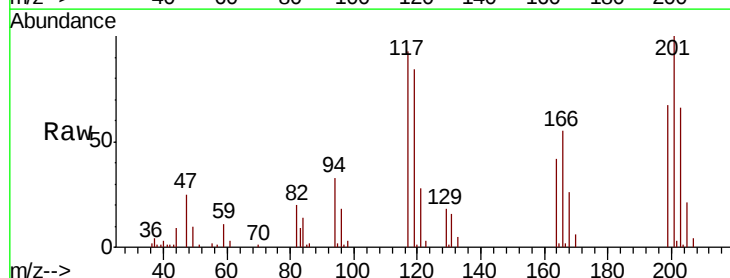
Tgt Ion:117 Resp: 31309

Ion Ratio Lower Upper

117 100

119 90.1 76.2 114.2

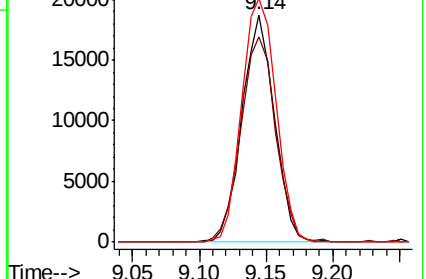
201 107.2 94.1 141.1

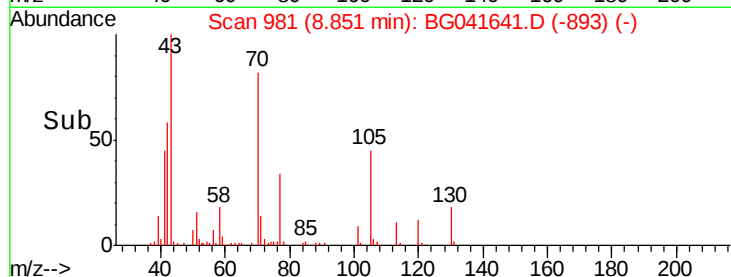
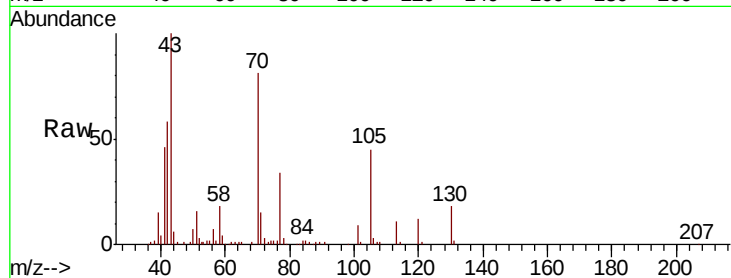
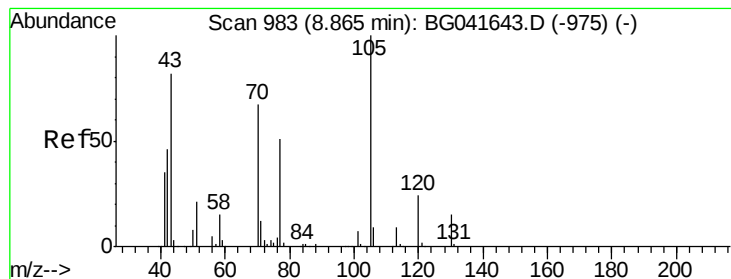


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 10.943 ng

RT: 8.85 min Scan# 981

Delta R.T. -0.01 min

Lab File: BG041641.D

Acq: 15 Jul 2019 8:31

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 65215

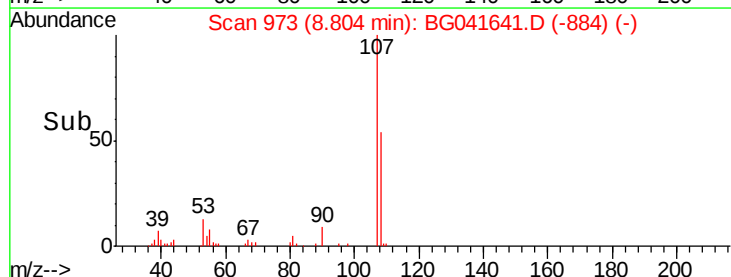
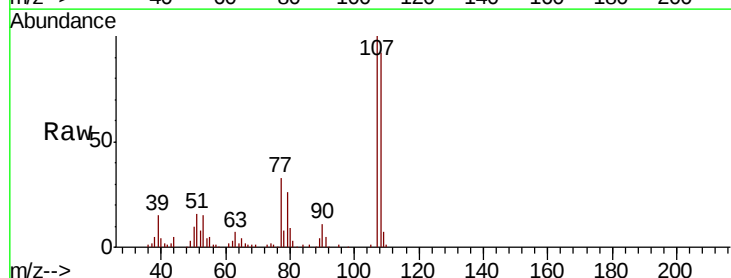
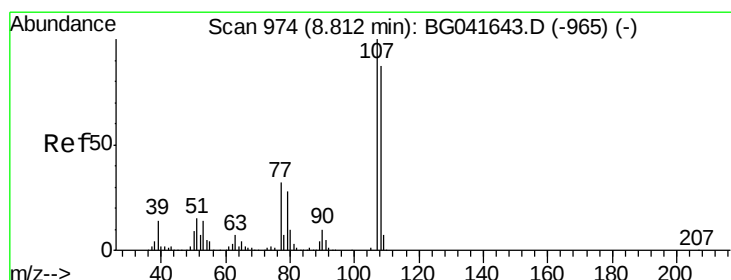
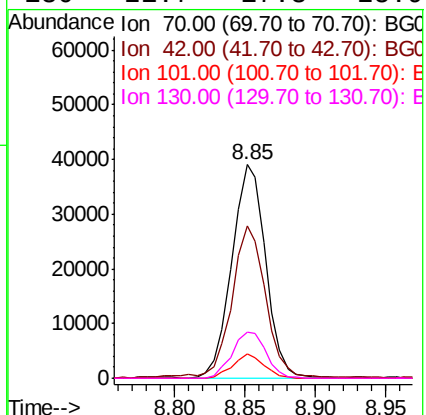
Ion Ratio Lower Upper

70 100

42 71.1 55.8 83.6

101 11.1 8.1 12.1

130 21.7 17.3 25.9



#20

3+4-Methylphenols

Concen: 10.518 ng

RT: 8.80 min Scan# 973

Delta R.T. -0.01 min

Lab File: BG041641.D

Acq: 15 Jul 2019 8:31

Tgt Ion: 107 Resp: 86912

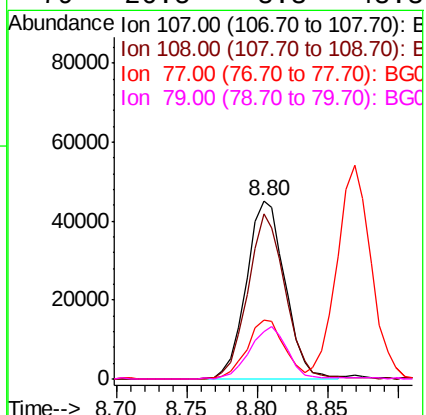
Ion Ratio Lower Upper

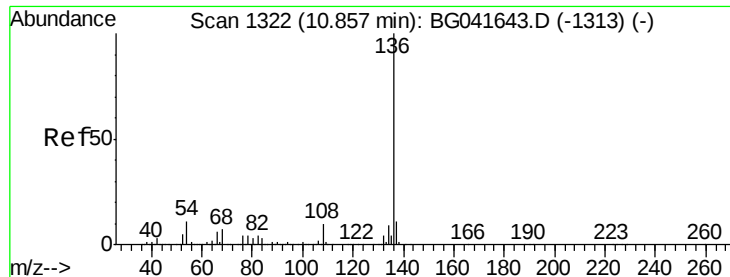
107 100

108 92.5 67.5 107.5

77 33.2 12.3 52.3

79 26.5 8.3 48.3

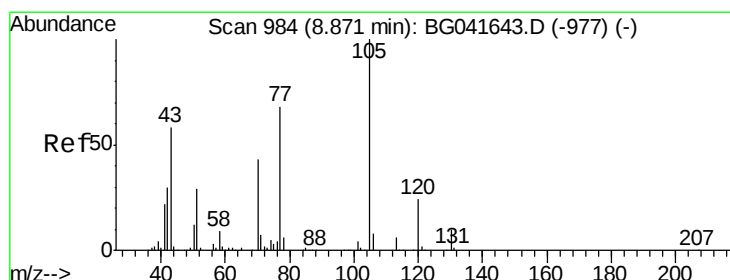
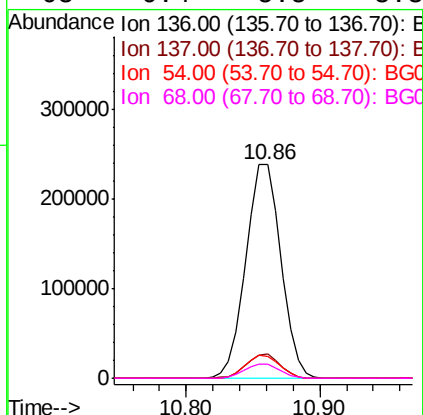
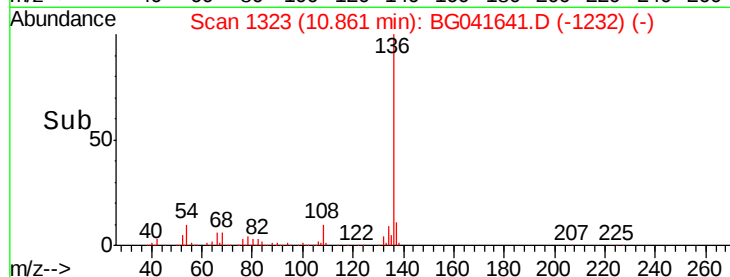
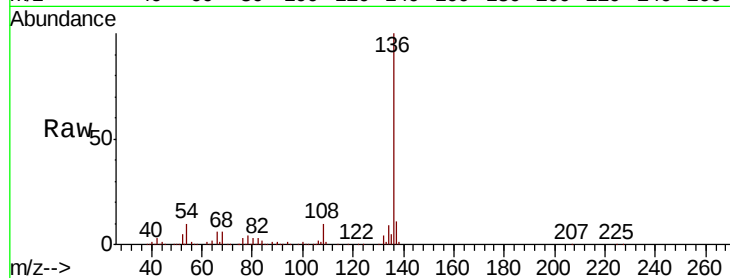




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BG041641.D
Acq: 15 Jul 2019 8:31

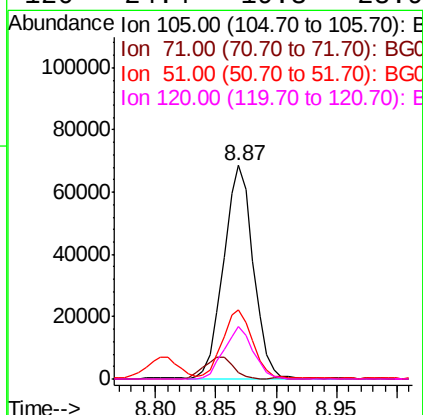
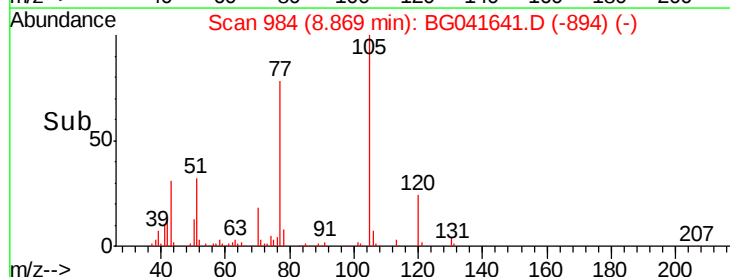
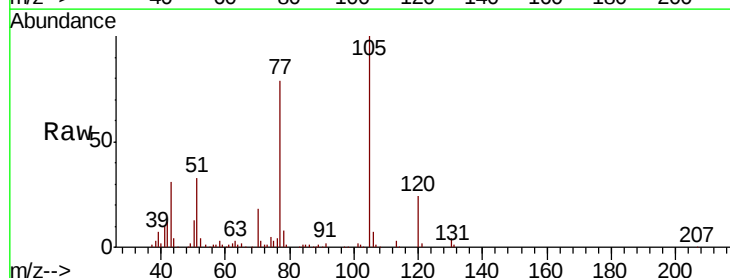
Instrument :
BNA_G
ClientSampleId :

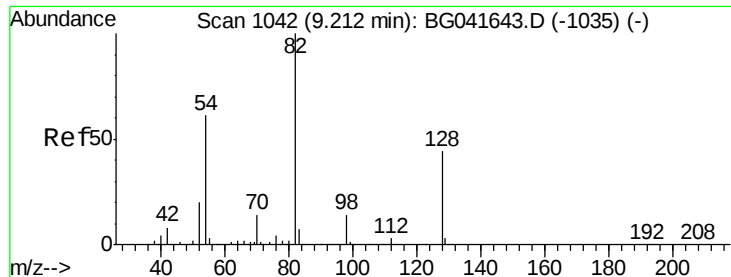
Tot Ion:136	Resp: 433428
Ion Ratio	Lower Upper
136 100	
137 11.3	9.2 13.8
54 10.1	8.7 13.1
68 6.4	5.5 8.3



#22
Acetophenone
Concen: 10.937 ng
RT: 8.87 min Scan# 984
Delta R.T. -0.00 min
Lab File: BG041641.D
Acq: 15 Jul 2019 8:31

Tgt	Ion:105	Resp:	117298
Ion	Ratio	Lower	Upper
105	100		
71	3.0	5.9	8.9#
51	32.5	27.7	41.5
120	24.4	19.3	28.9

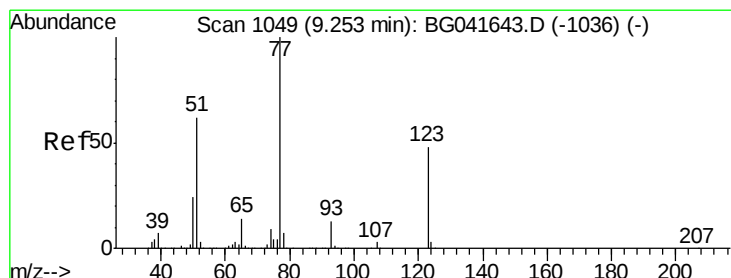
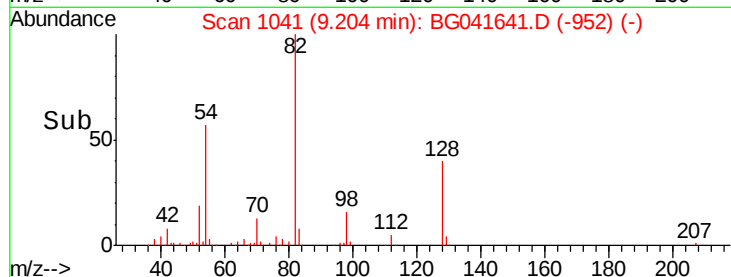
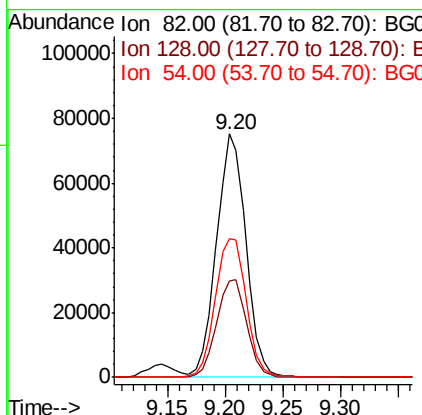
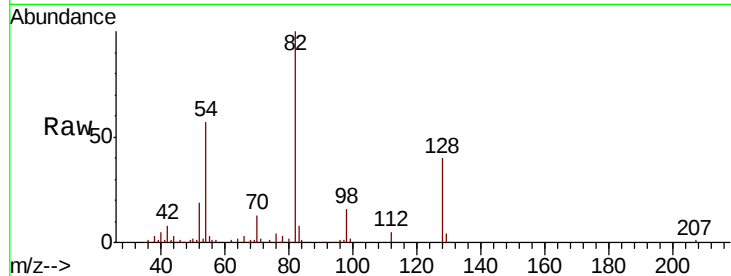




#23
 Nitrobenzene-d5
 Concen: 18.678 ng
 RT: 9.20 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BG041641.D
 Acq: 15 Jul 2019 8:31

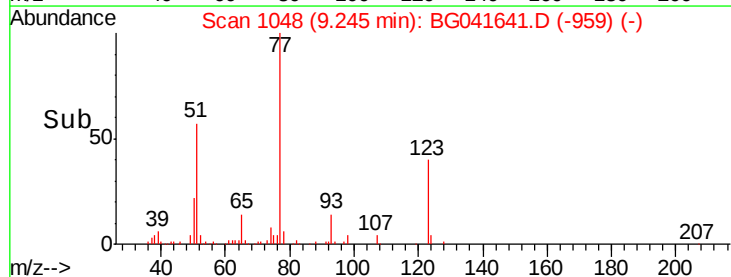
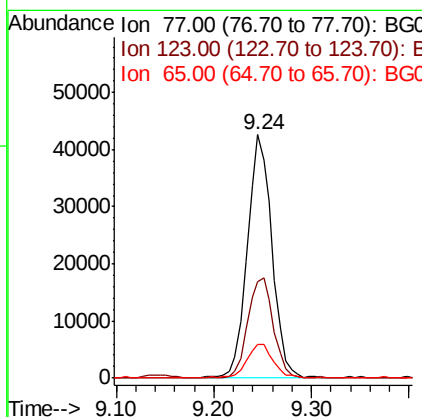
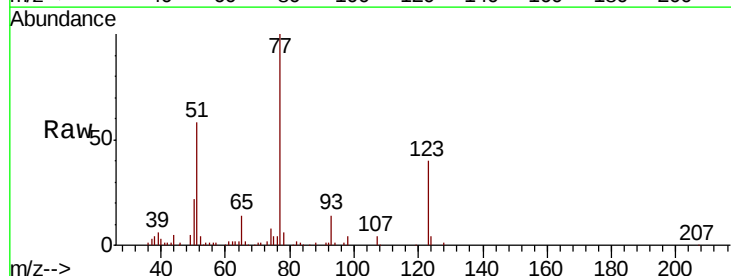
Instrument :
 BNA_G
 ClientSampleId :

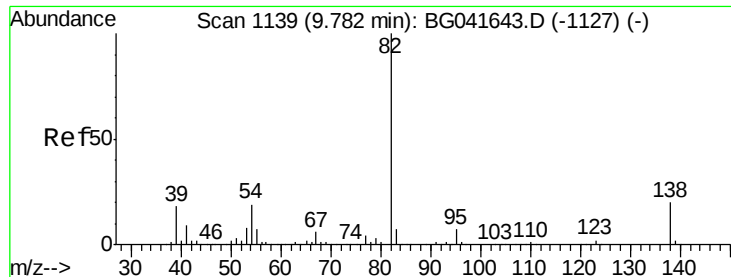
Tot Ion	82	Resp	132835
Ion Ratio	Lower	Upper	
82	100		
128	39.7	35.1	52.7
54	57.1	48.7	73.1



#24
 Nitrobenzene
 Concen: 10.167 ng
 RT: 9.24 min Scan# 1048
 Delta R.T. -0.01 min
 Lab File: BG041641.D
 Acq: 15 Jul 2019 8:31

Tgt Ion	77	Resp	75518
Ion Ratio	Lower	Upper	
77	100		
123	39.8	38.1	57.1
65	14.0	11.0	16.6

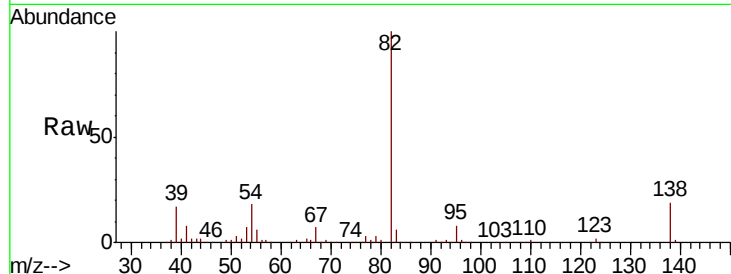




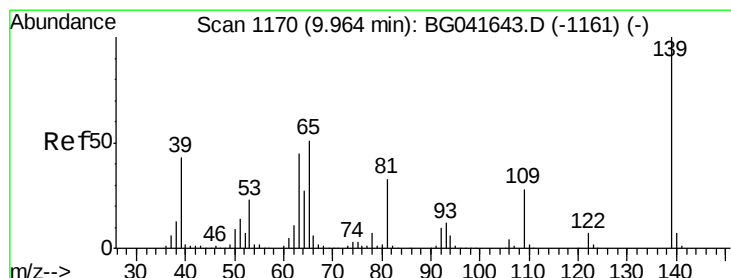
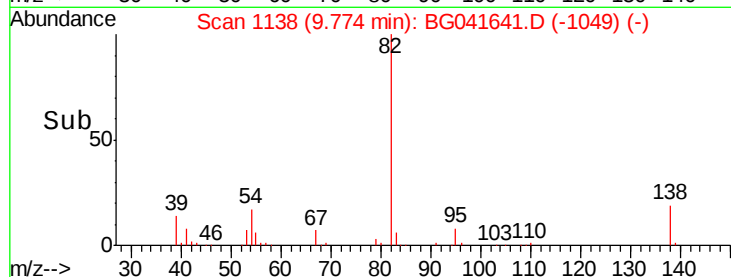
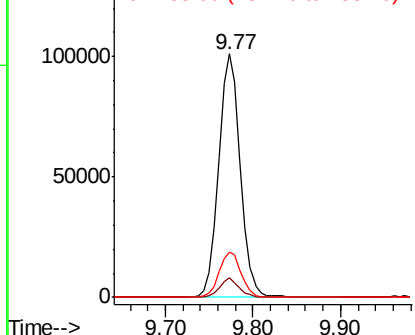
#25
Isophorone
Concen: 11.140 ng
RT: 9.77 min Scan# 1138
Delta R.T. -0.01 min
Lab File: BG041641.D
Acq: 15 Jul 2019 8:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 82 Resp: 172527
Ion Ratio Lower Upper
82 100
95 8.1 5.9 8.9
138 18.7 16.3 24.5

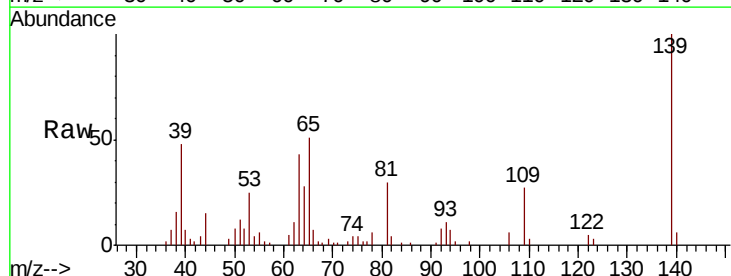


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

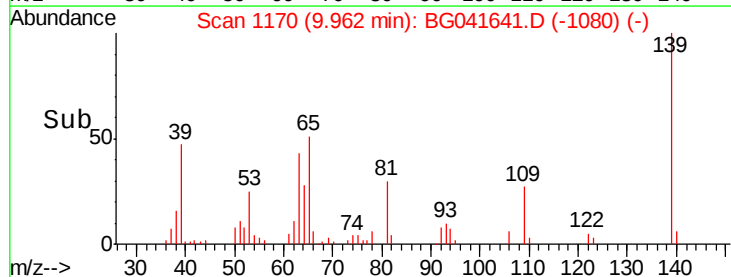
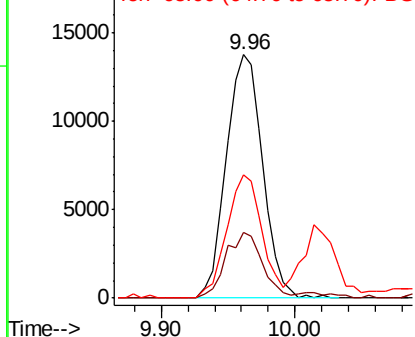


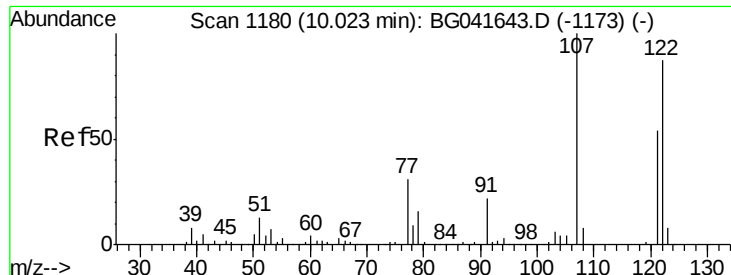
#26
2-Nitrophenol
Concen: 7.973 ng
RT: 9.96 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BG041641.D
Acq: 15 Jul 2019 8:31

Tgt Ion: 139 Resp: 26071
Ion Ratio Lower Upper
139 100
109 27.2 22.7 34.1
65 50.7 41.1 61.7



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

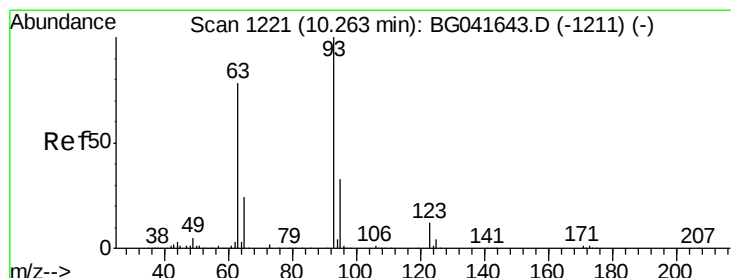
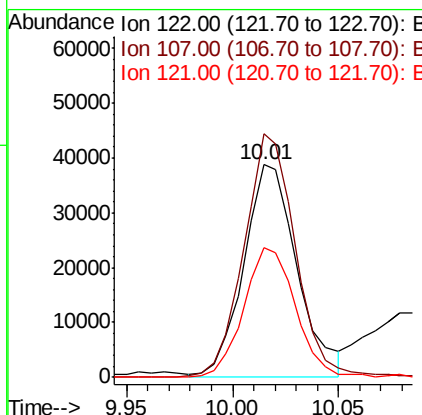
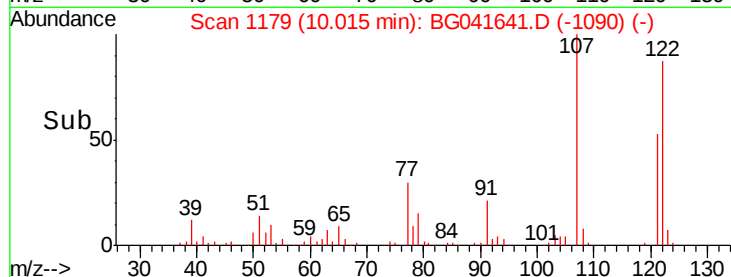
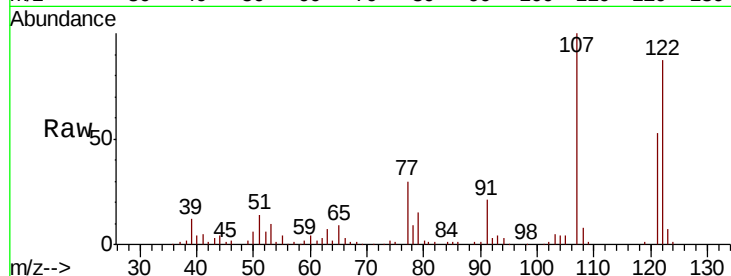




#27
 2,4-Dimethylphenol
 Concen: 11.016 ng
 RT: 10.01 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BG041641.D
 Acq: 15 Jul 2019 8:31

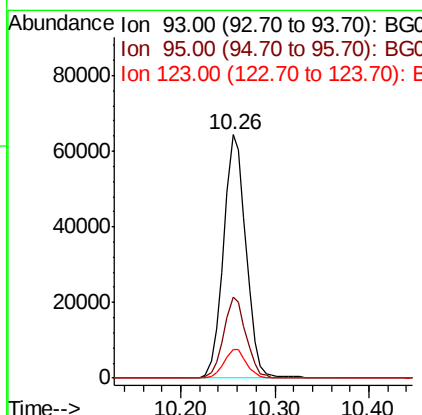
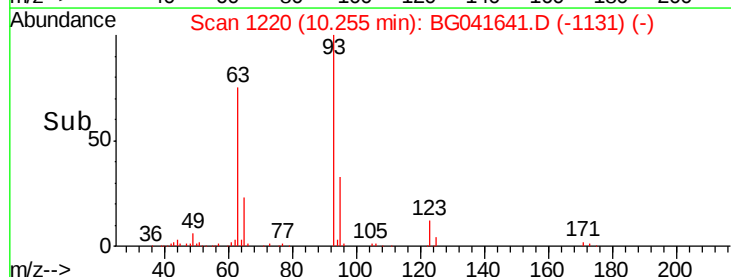
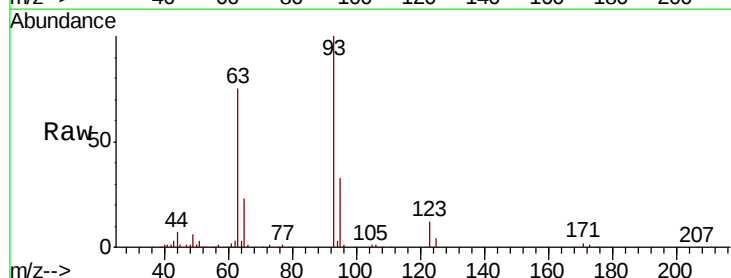
Instrument :
 BNA_G
 ClientSampled :

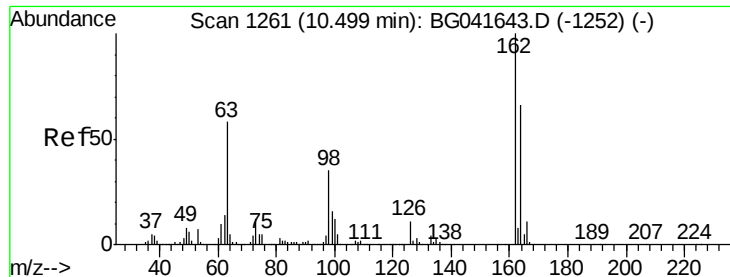
Tot Ion:122 Resp: 67869
 Ion Ratio Lower Upper
 122 100
 107 114.6 91.3 136.9
 121 60.8 49.2 73.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 11.151 ng
 RT: 10.26 min Scan# 1220
 Delta R.T. -0.01 min
 Lab File: BG041641.D
 Acq: 15 Jul 2019 8:31

Tgt Ion: 93 Resp: 107164
 Ion Ratio Lower Upper
 93 100
 95 33.4 26.2 39.4
 123 11.9 9.9 14.9

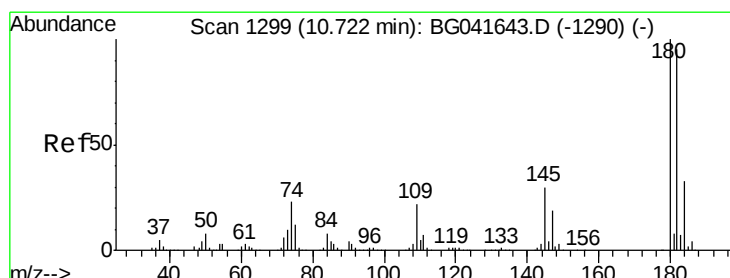
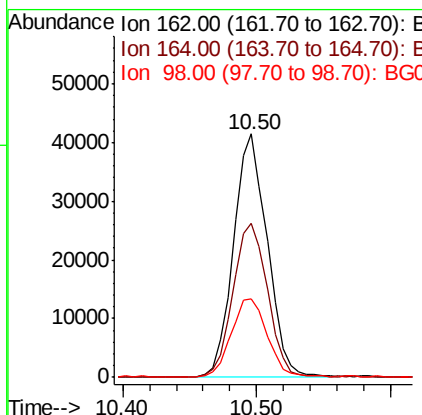
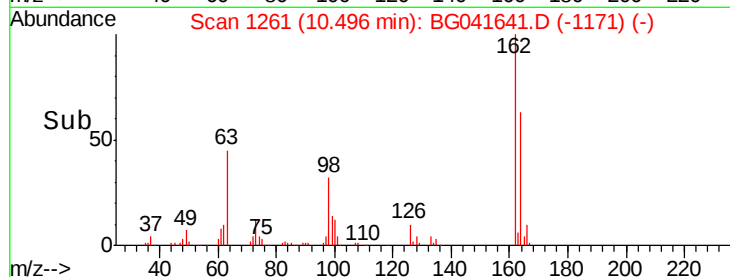
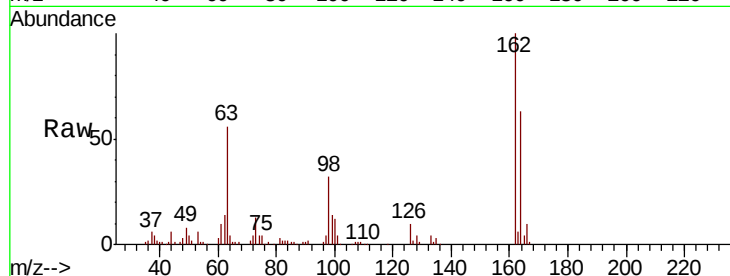




#29
2,4-Dichlorophenol
Concen: 10.214 ng
RT: 10.50 min Scan# 1261
Delta R.T. -0.00 min
Lab File: BG041641.D
Acq: 15 Jul 2019 8:31

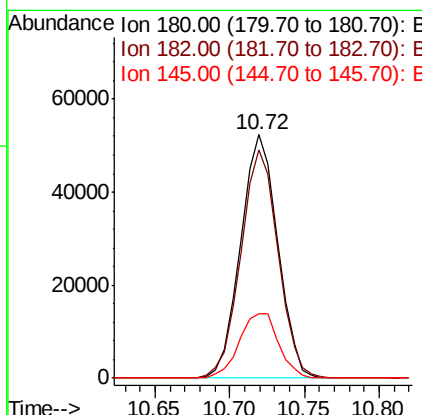
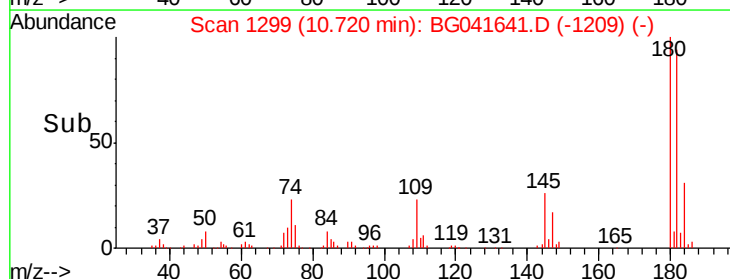
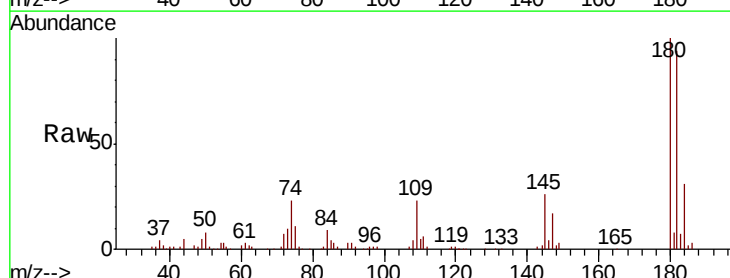
Instrument :
BNA_G
ClientSampled :

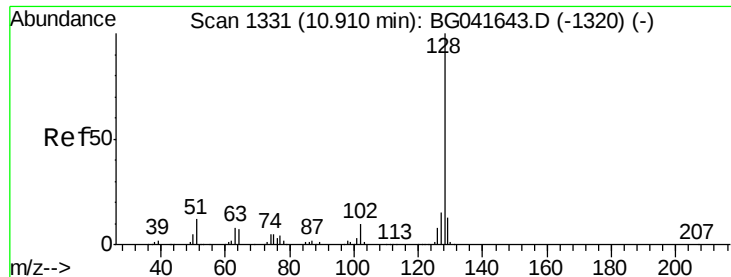
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.3	46.1	86.1
98	32.5	14.7	54.7



#30
1,2,4-Trichlorobenzene
Concen: 10.842 ng
RT: 10.72 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BG041641.D
Acq: 15 Jul 2019 8:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	76.2	114.2
145	26.5	23.8	35.8

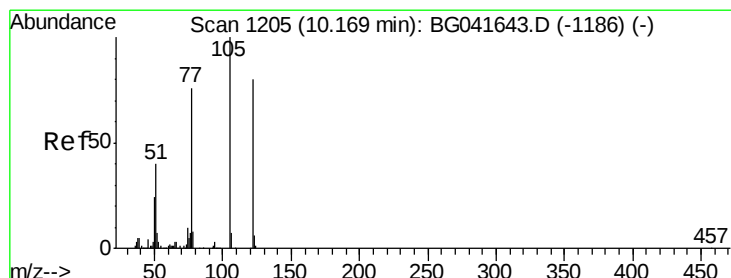
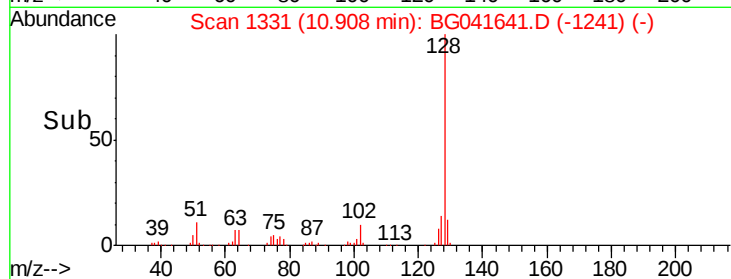
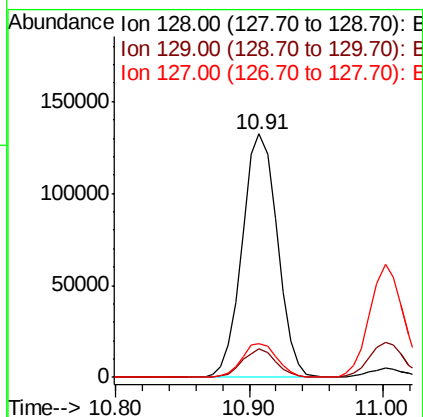
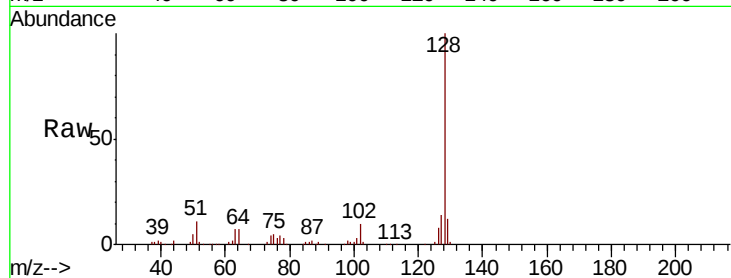




#31
Naphthalene
Concen: 11.367 ng
RT: 10.91 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BG041641.D
Acq: 15 Jul 2019 8:31

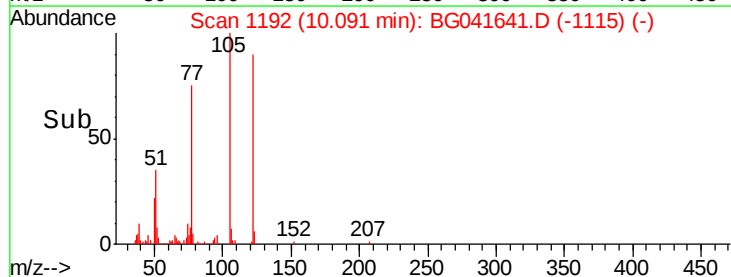
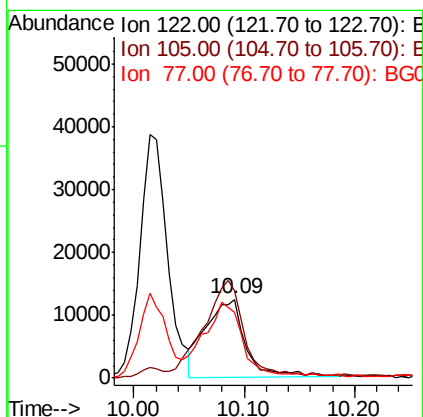
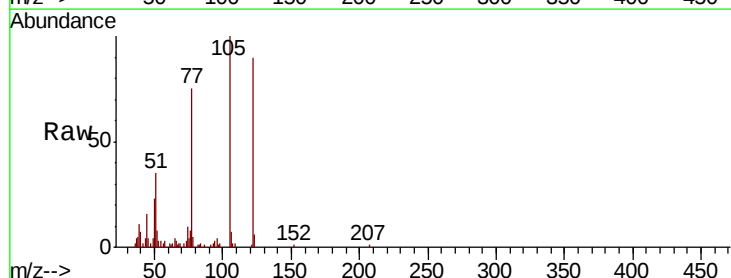
Instrument :
BNA_G
ClientSampleId :

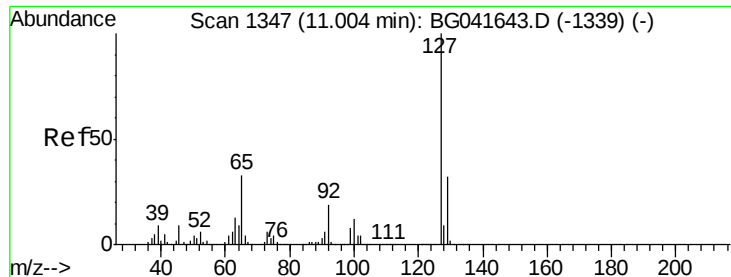
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.9	10.0	15.0
127	14.0	12.3	18.5



#32
Benzoic acid
Concen: 6.804 ng
RT: 10.09 min Scan# 1192
Delta R.T. -0.08 min
Lab File: BG041641.D
Acq: 15 Jul 2019 8:31

Tgt Ion	Ratio	Lower	Upper
122	100		
105	111.1	101.5	141.5
77	83.3	73.0	113.0

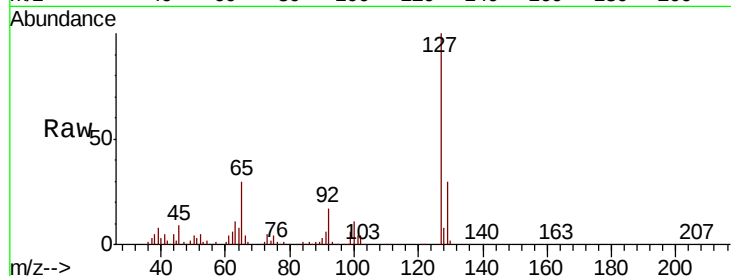




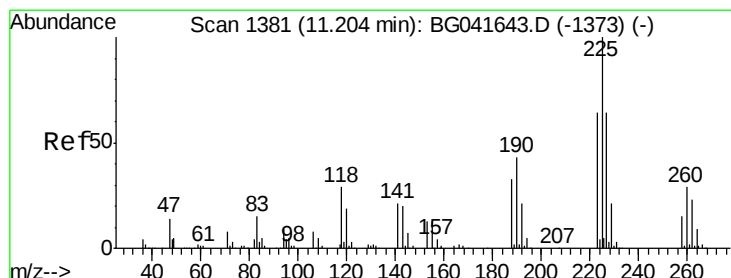
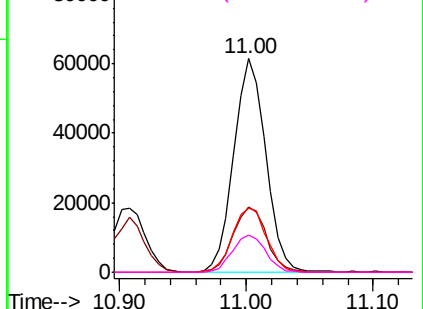
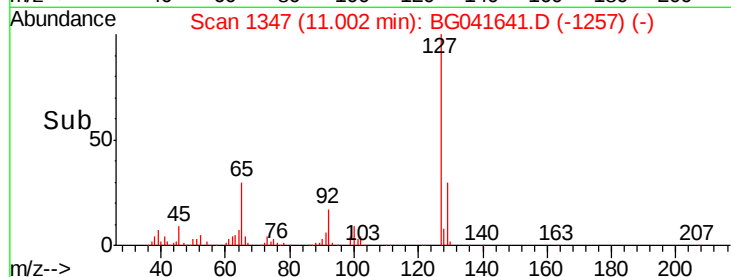
#33
4-Chloroaniline
Concen: 10.570 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BG041641.D
Acq: 15 Jul 2019 8:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp:	107524
Ion Ratio	Lower	Upper
127	100	
129	30.4	25.8 38.8
65	29.9	26.7 40.1
92	17.4	15.4 23.0

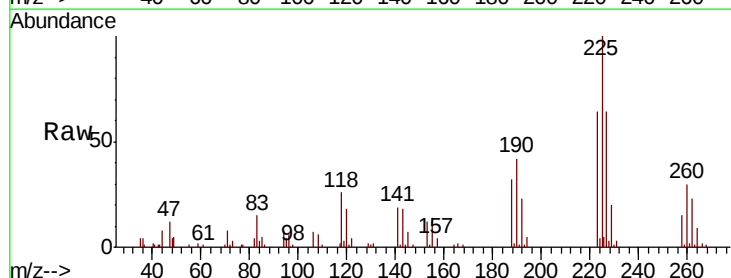


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG0
Ion 92.00 (91.70 to 92.70): BG0

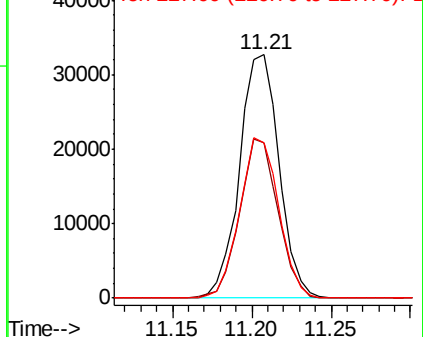
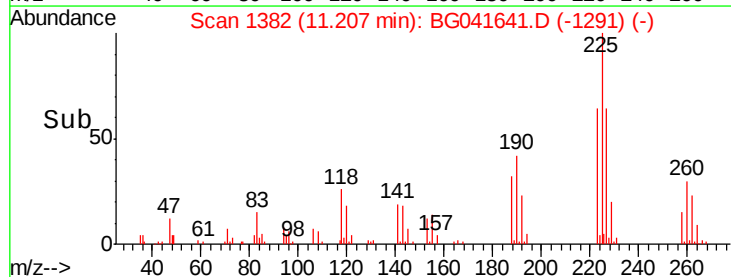


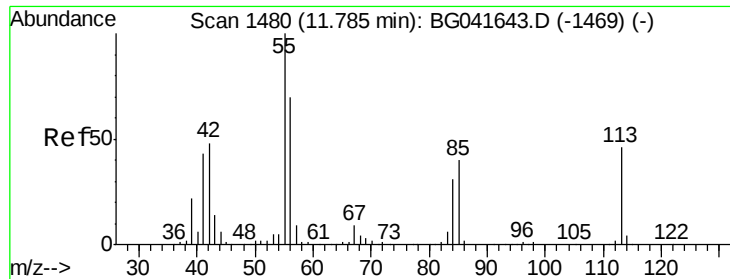
#34
Hexachlorobutadiene
Concen: 10.527 ng
RT: 11.21 min Scan# 1382
Delta R.T. 0.00 min
Lab File: BG041641.D
Acq: 15 Jul 2019 8:31

Tgt Ion:225	Resp:	56587
Ion Ratio	Lower	Upper
225	100	
223	63.8	51.1 76.7
227	63.6	50.9 76.3



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

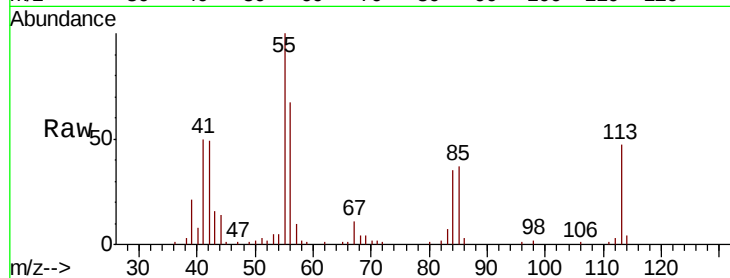




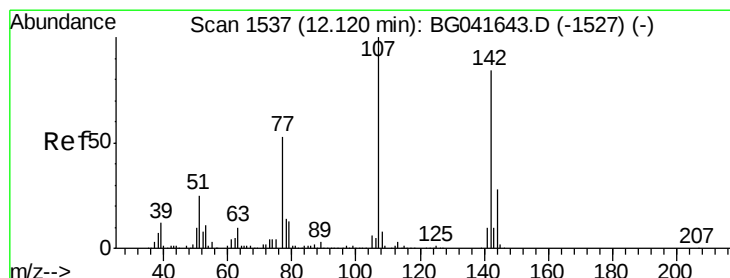
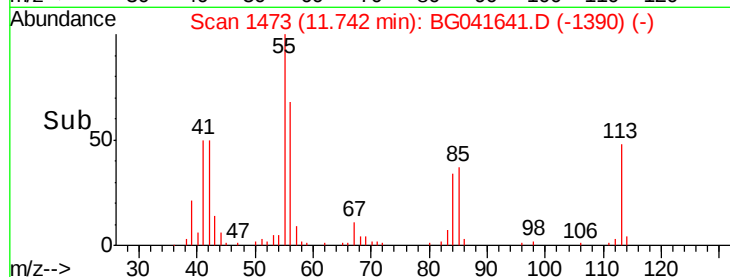
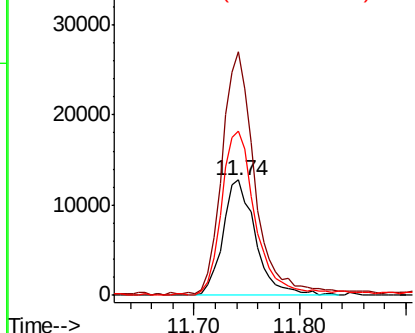
#35
 Caprolactam
 Concen: 10.063 ng
 RT: 11.74 min Scan# 1473
 Delta R.T. -0.04 min
 Lab File: BG041641.D
 Acq: 15 Jul 2019 8:31

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:113 Resp: 27347
 Ion Ratio Lower Upper
 113 100
 55 211.1 199.4 239.4
 56 142.2 133.6 173.6

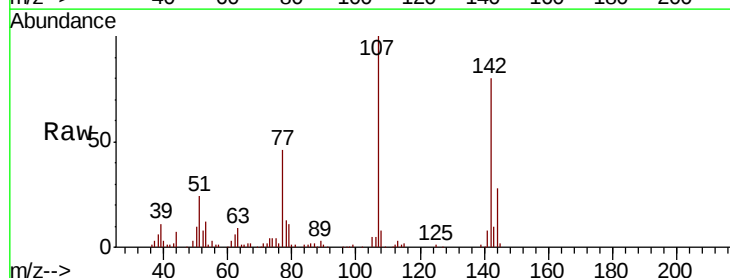


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BGC
 Ion 56.00 (55.70 to 56.70): BGC

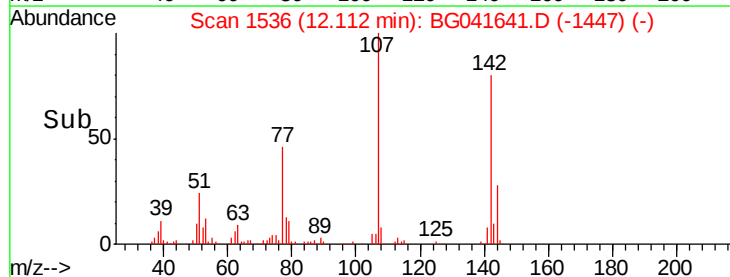
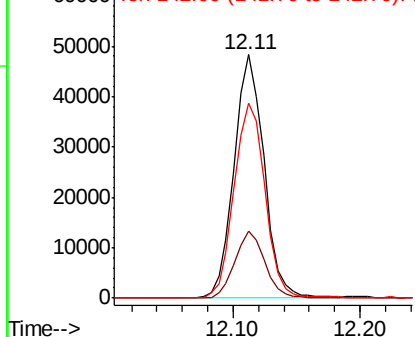


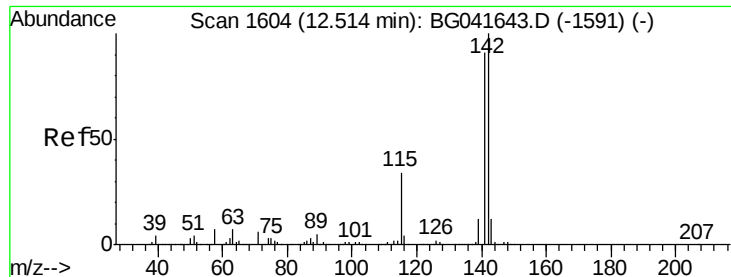
#36
 4-Chloro-3-methylphenol
 Concen: 10.687 ng
 RT: 12.11 min Scan# 1536
 Delta R.T. -0.01 min
 Lab File: BG041641.D
 Acq: 15 Jul 2019 8:31

Tgt Ion:107 Resp: 79167
 Ion Ratio Lower Upper
 107 100
 144 27.7 22.2 33.2
 142 80.3 67.3 100.9



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

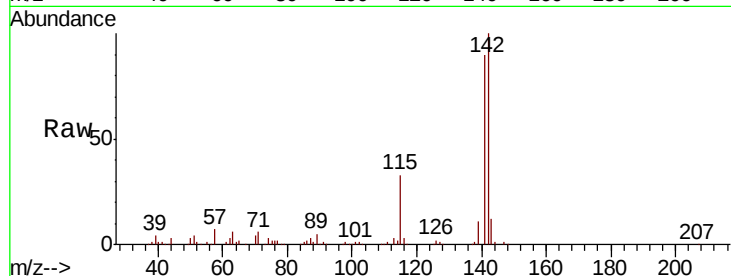




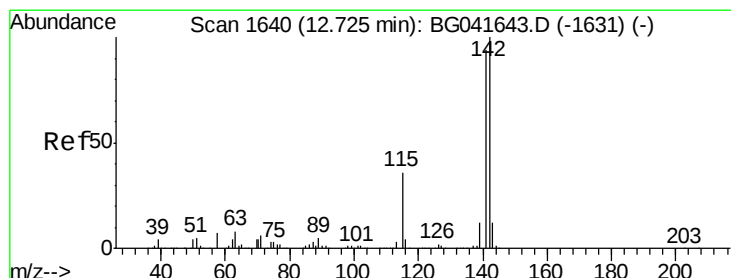
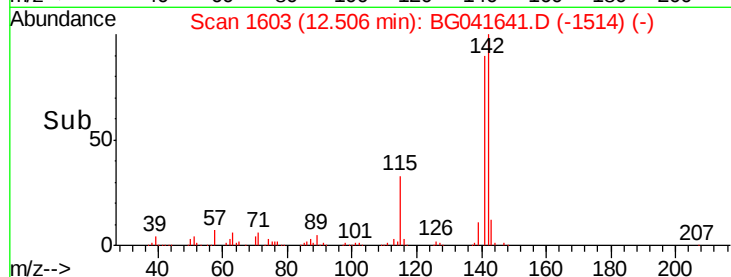
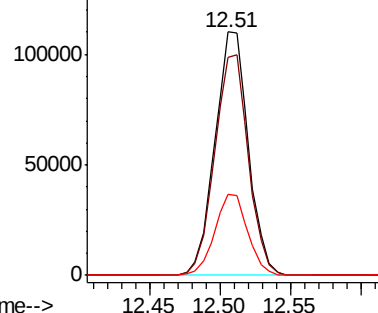
#37
2-Methylnaphthalene
Concen: 11.270 ng
RT: 12.51 min Scan# 1603
Delta R.T. -0.01 min
Lab File: BG041641.D
Acq: 15 Jul 2019 8:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion:142 Resp: 182250
Ion Ratio Lower Upper
142 100
141 89.7 72.7 109.1
115 33.4 27.0 40.4

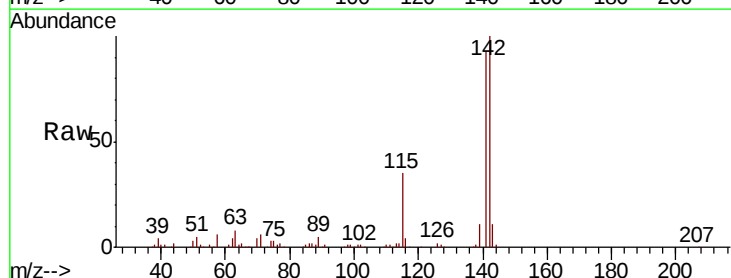


Abundance Ion 142.00 (141.70 to 142.70): E
150000 Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

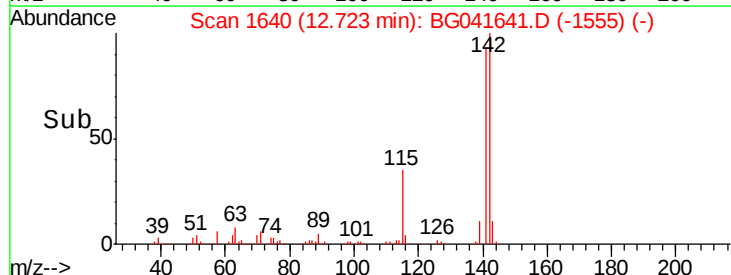
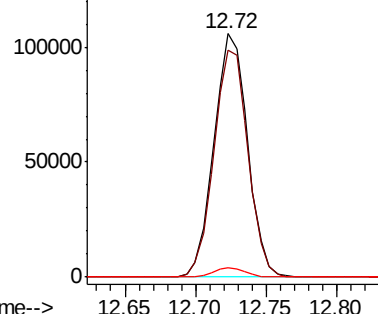


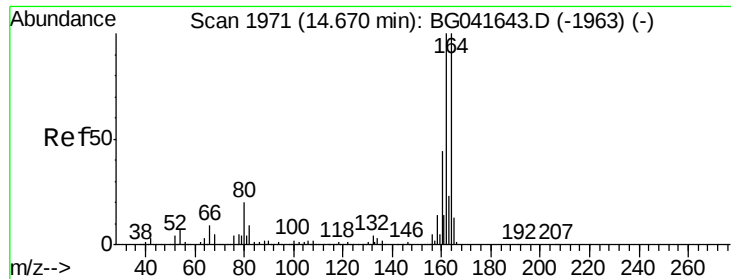
#38
1-Methylnaphthalene
Concen: 11.462 ng
RT: 12.72 min Scan# 1640
Delta R.T. -0.00 min
Lab File: BG041641.D
Acq: 15 Jul 2019 8:31

Tgt Ion:142 Resp: 175924
Ion Ratio Lower Upper
142 100
141 93.2 75.4 113.2
116 4.0 3.2 4.8



Abundance Ion 142.00 (141.70 to 142.70): E
100000 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# 1971

Delta R.T. -0.00 min

Lab File: BG041641.D

Acq: 15 Jul 2019 8:31

Instrument :

BNA_G

ClientSampleId :

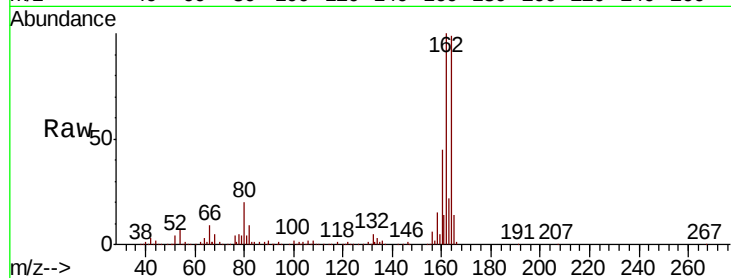
Tot Ion:164 Resp: 266222

Ion Ratio Lower Upper

164 100

162 100.7 79.6 119.4

160 44.9 35.4 53.0

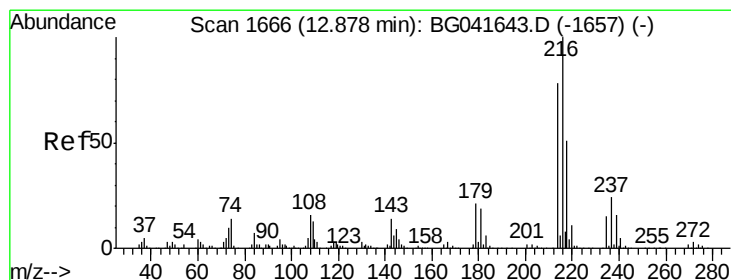
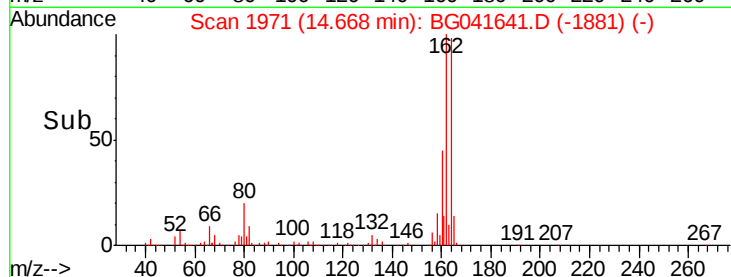
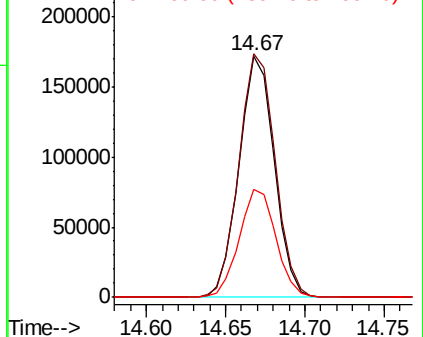


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 11.233 ng

RT: 12.88 min Scan# 1666

Delta R.T. -0.00 min

Lab File: BG041641.D

Acq: 15 Jul 2019 8:31

Tgt Ion:216 Resp: 101322

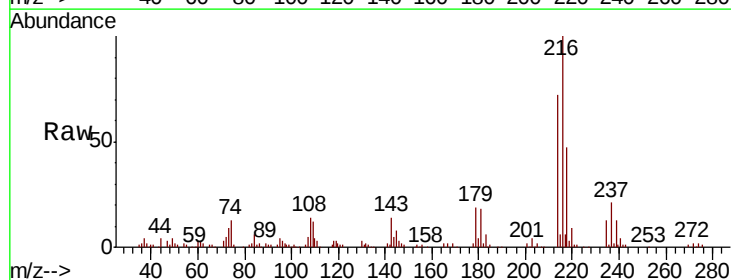
Ion Ratio Lower Upper

216 100

214 74.1 61.5 92.3

179 20.0 16.2 24.2

108 15.4 13.2 19.8



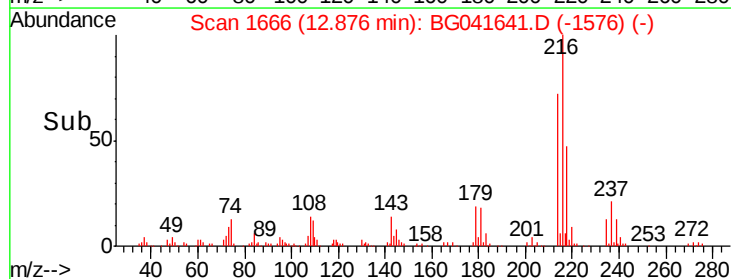
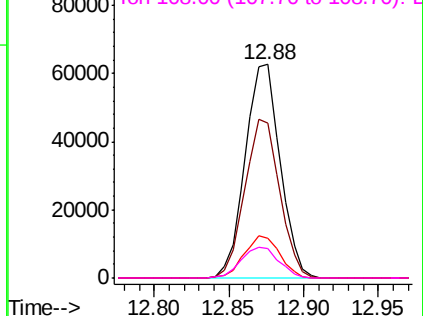
Abundance

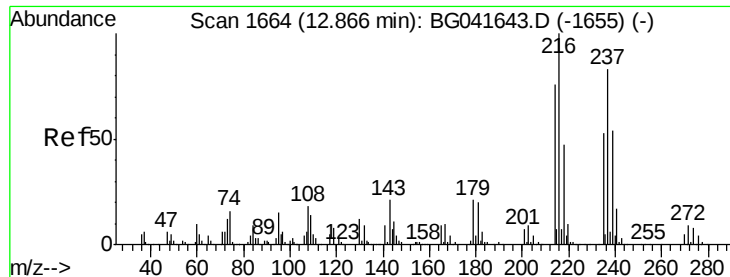
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 9.085 ng

RT: 12.86 min Scan# 1663

Delta R.T. -0.01 min

Lab File: BG041641.D

Acq: 15 Jul 2019 8:31

Instrument :

BNA_G

ClientSampleId :

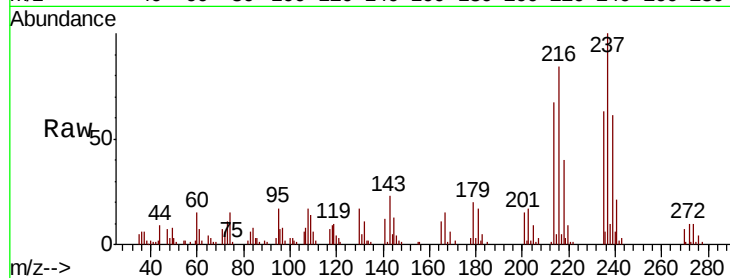
Tot Ion:237 Resp: 50216

Ion Ratio Lower Upper

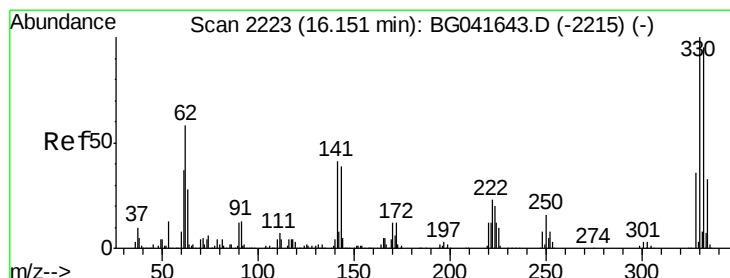
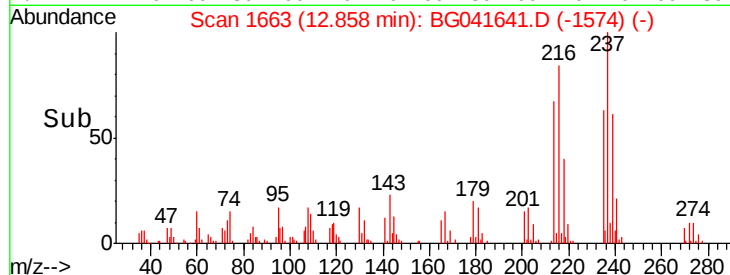
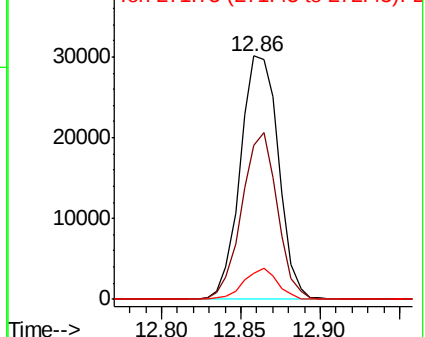
237 100

235 63.4 43.5 83.5

272 10.4 0.0 31.2



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 19.139 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.00 min

Lab File: BG041641.D

Acq: 15 Jul 2019 8:31

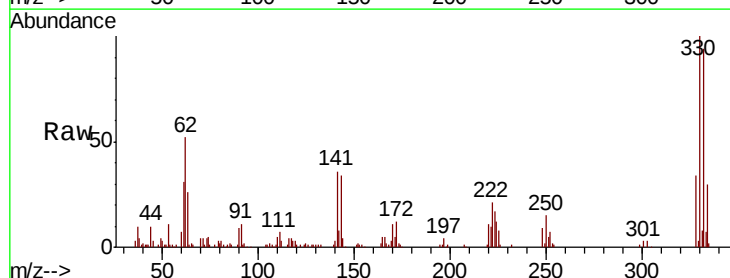
Tgt Ion:330 Resp: 58265

Ion Ratio Lower Upper

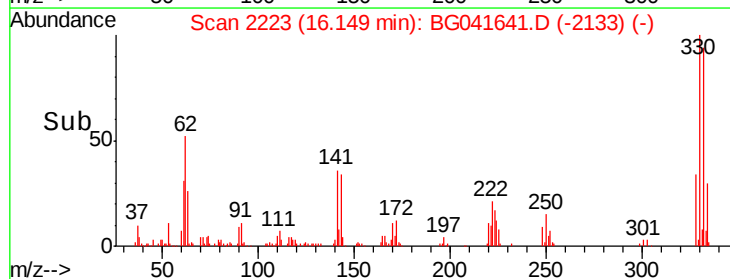
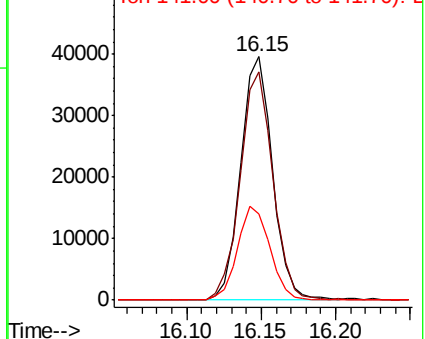
330 100

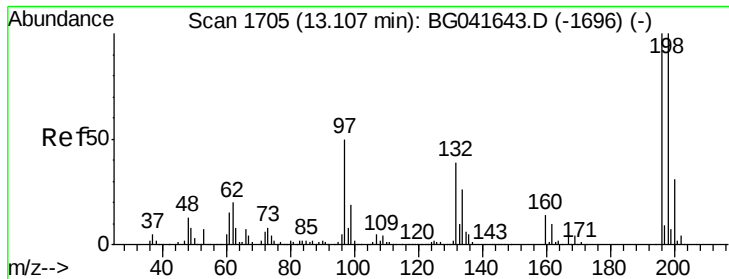
332 96.4 77.4 116.0

141 39.6 31.9 47.9



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

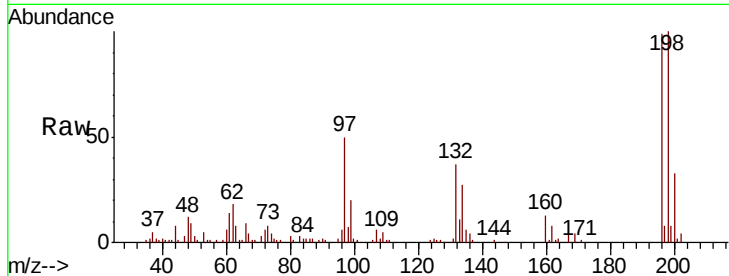




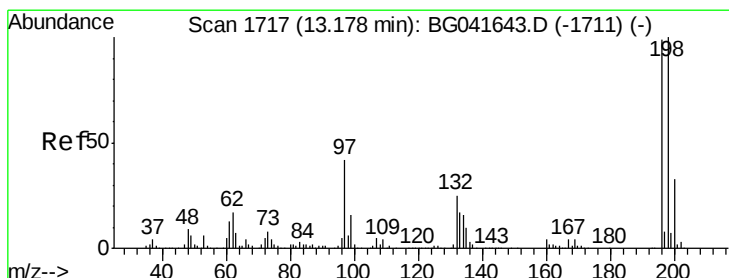
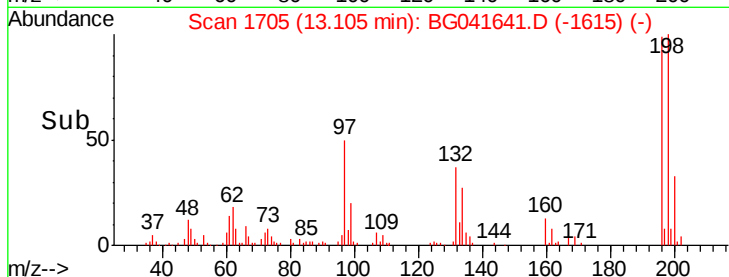
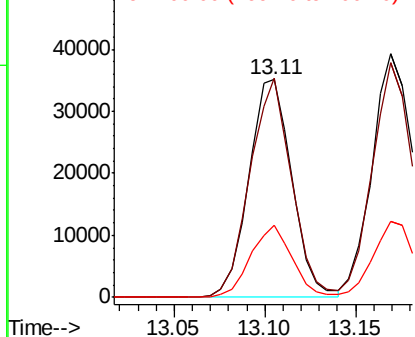
#43
 2,4,6-Trichlorophenol
 Concen: 9.776 ng
 RT: 13.11 min Scan# 1705
 Delta R.T. -0.00 min
 Lab File: BG041641.D
 Acq: 15 Jul 2019 8:31

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 57898
 Ion Ratio Lower Upper
 196 100
 198 101.0 79.6 119.4
 200 33.1 25.2 37.8



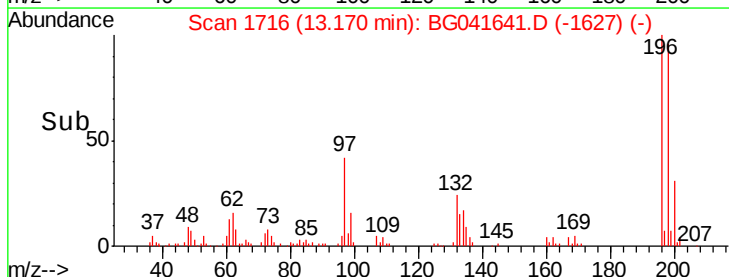
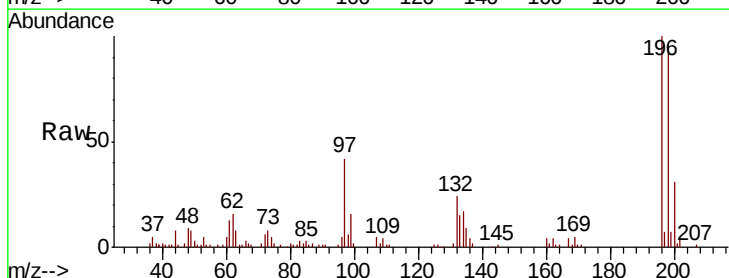
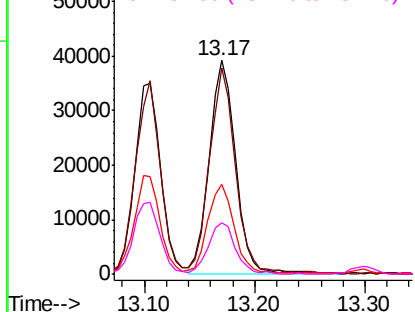
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

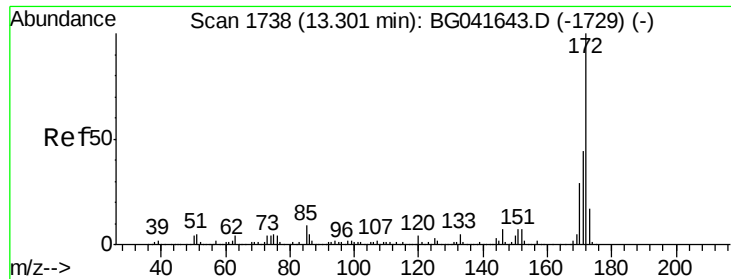


#44
 2,4,5-Trichlorophenol
 Concen: 10.656 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG041641.D
 Acq: 15 Jul 2019 8:31

Tgt Ion:196 Resp: 64449
 Ion Ratio Lower Upper
 196 100
 198 96.5 80.6 121.0
 97 42.2 33.9 50.9
 132 24.3 20.2 30.2

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

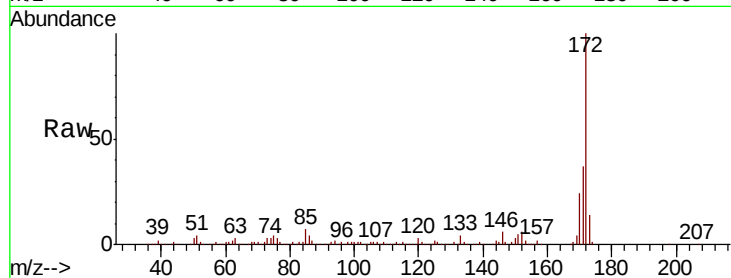




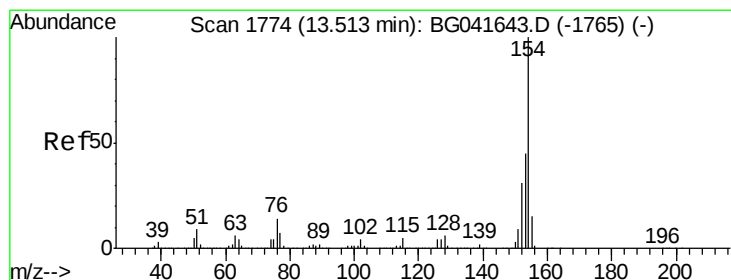
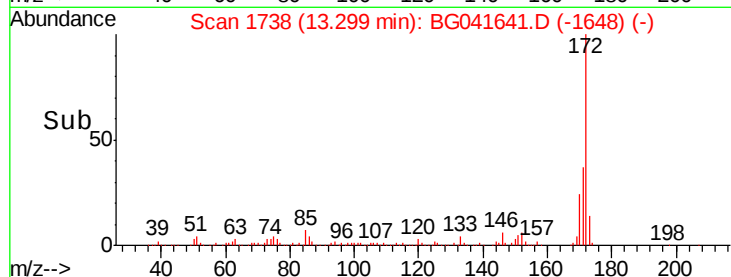
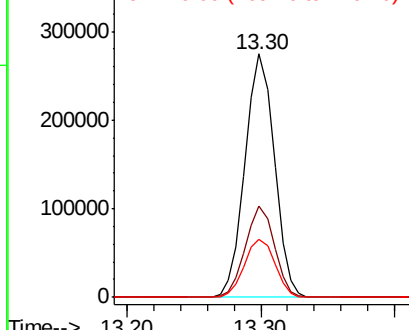
#45
2-Fluorobiphenyl
Concen: 24.667 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.00 min
Lab File: BG041641.D
Acq: 15 Jul 2019 8:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 417696
Ion Ratio Lower Upper
172 100
171 37.3 35.0 52.4
170 24.0 23.5 35.3

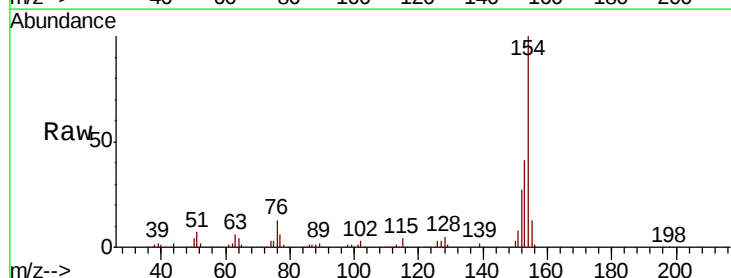


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

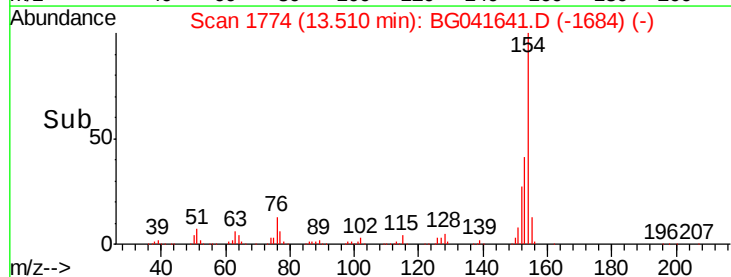
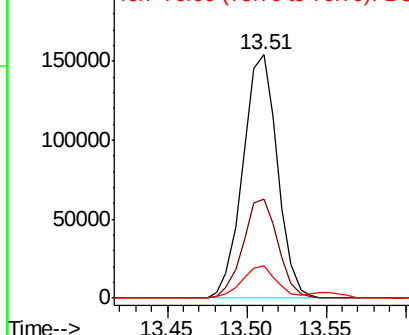


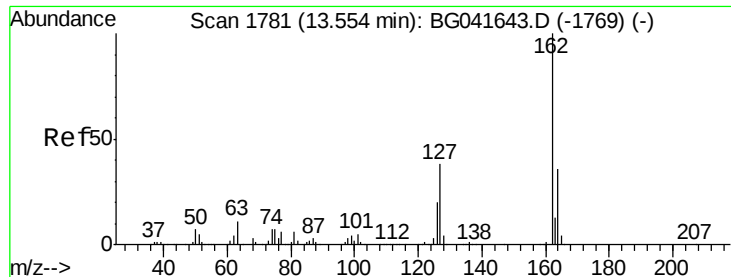
#46
1,1'-Biphenyl
Concen: 11.803 ng
RT: 13.51 min Scan# 1774
Delta R.T. -0.00 min
Lab File: BG041641.D
Acq: 15 Jul 2019 8:31

Tgt Ion:154 Resp: 232198
Ion Ratio Lower Upper
154 100
153 40.9 25.0 65.0
76 13.2 0.0 34.5



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BG

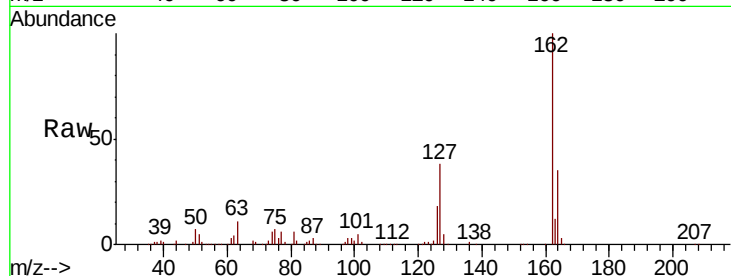




#47
 2-Chloronaphthalene
 Concen: 11.413 ng
 RT: 13.55 min Scan# 1780
 Delta R.T. -0.01 min
 Lab File: BG041641.D
 Acq: 15 Jul 2019 8:31

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.6	30.4	45.6
164	34.6	28.6	42.8

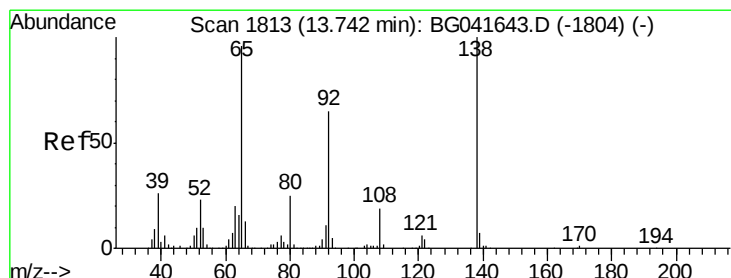
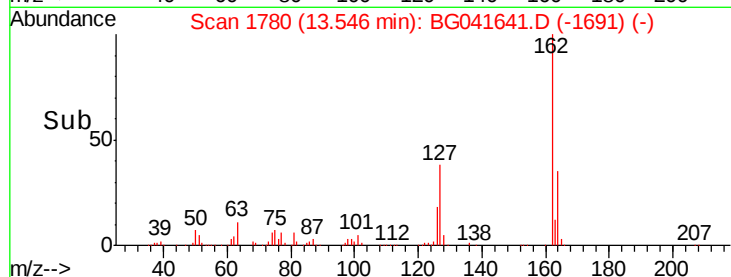
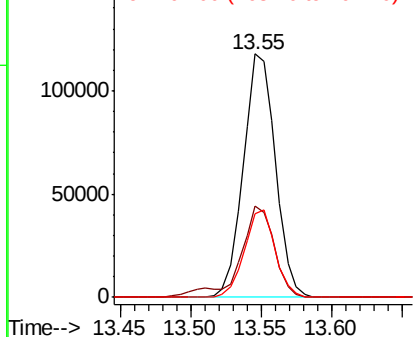


Abundance

Ion 162.00 (161.70 to 162.70): E

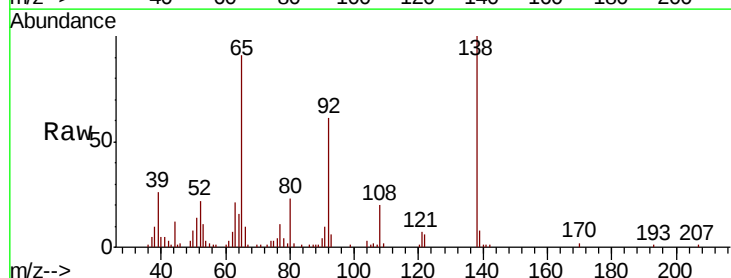
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
 2-Nitroaniline
 Concen: 8.337 ng
 RT: 13.73 min Scan# 1812
 Delta R.T. -0.01 min
 Lab File: BG041641.D
 Acq: 15 Jul 2019 8:31

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.5	53.9	80.9
138	110.0	83.5	125.3

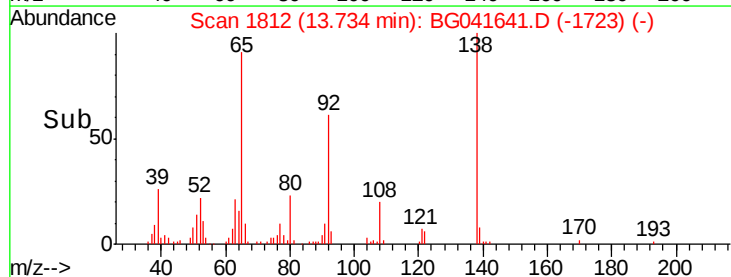
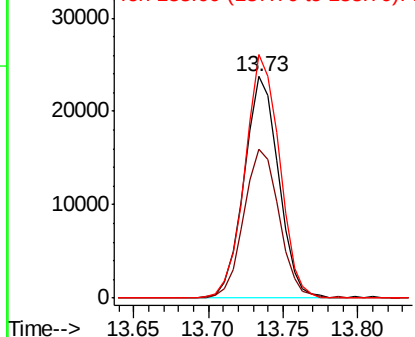


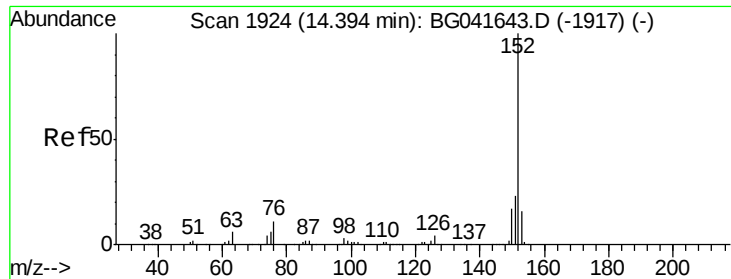
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 12.341 ng

RT: 14.39 min Scan# 1924

Delta R.T. -0.00 min

Lab File: BG041641.D

Acq: 15 Jul 2019 8:31

Instrument :

BNA_G

ClientSampleId :

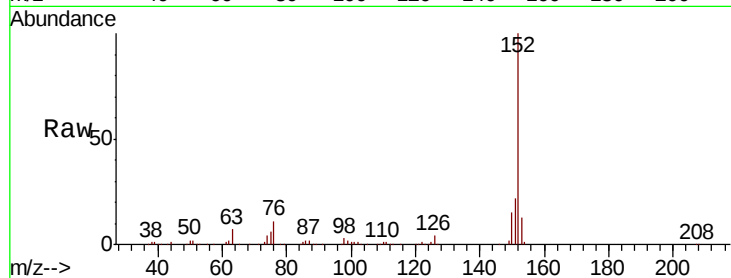
Tot Ion:152 Resp: 307935

Ion Ratio Lower Upper

152 100

151 21.9 18.7 28.1

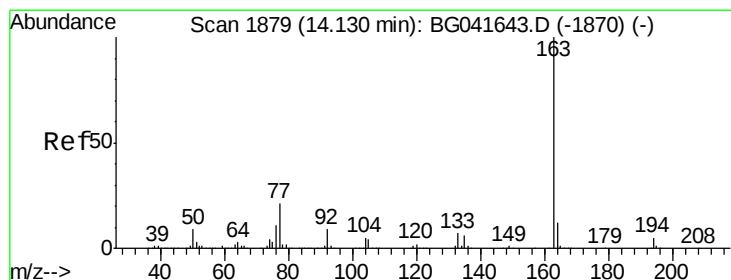
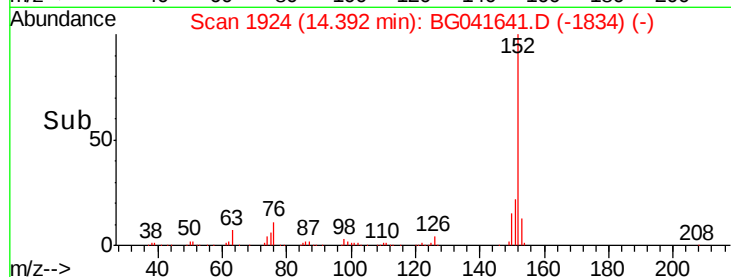
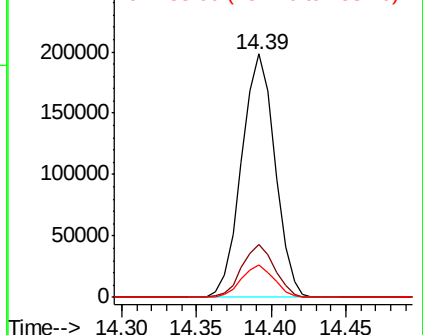
153 13.4 12.4 18.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 11.657 ng

RT: 14.12 min Scan# 1878

Delta R.T. -0.01 min

Lab File: BG041641.D

Acq: 15 Jul 2019 8:31

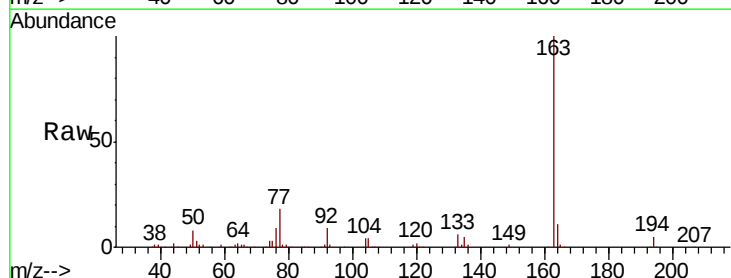
Tgt Ion:163 Resp: 243163

Ion Ratio Lower Upper

163 100

194 4.6 4.2 6.2

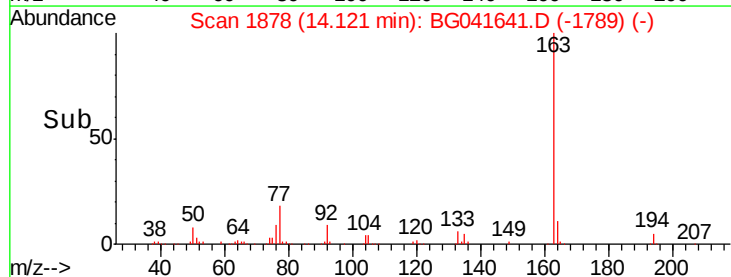
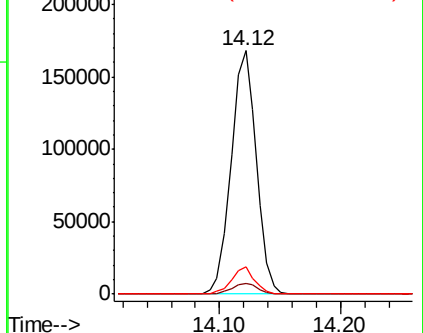
164 11.2 9.4 14.2

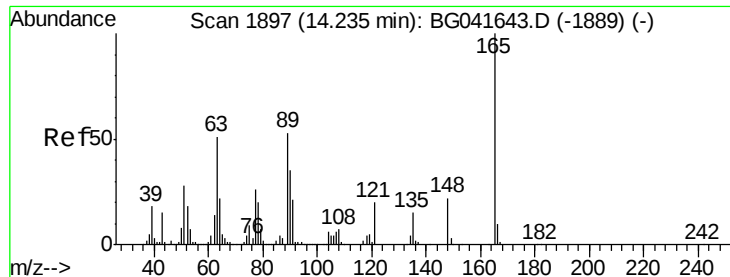


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

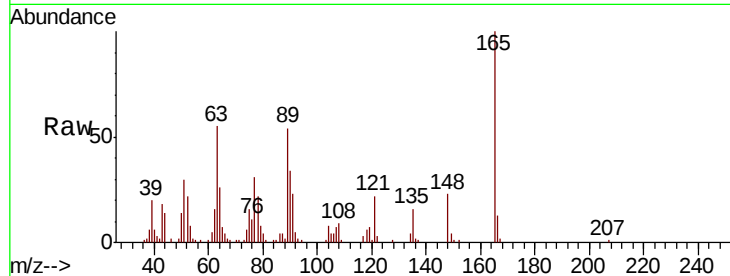




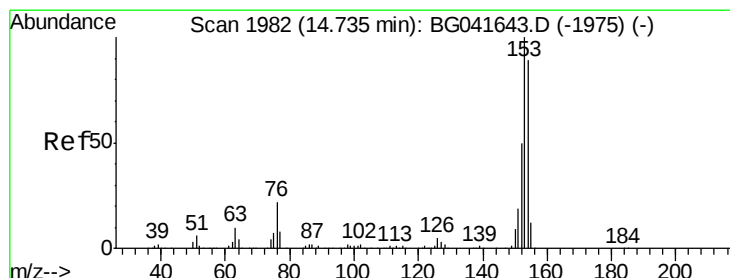
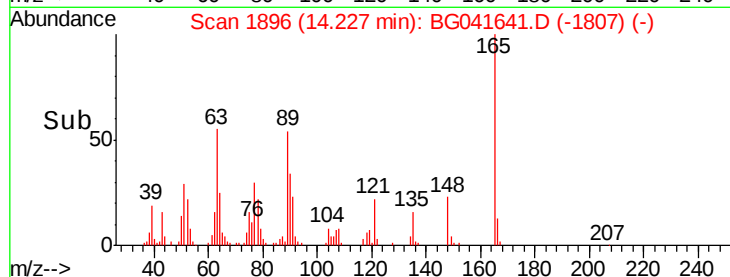
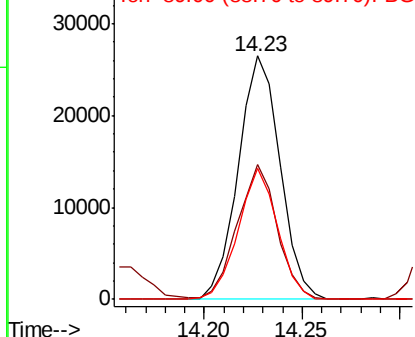
#51
2,6-Dinitrotoluene
Concen: 9.413 ng
RT: 14.23 min Scan# 1896
Delta R.T. -0.01 min
Lab File: BG041641.D
Acq: 15 Jul 2019 8:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 39168
Ion Ratio Lower Upper
165 100
63 55.4 42.4 63.6
89 53.6 42.1 63.1

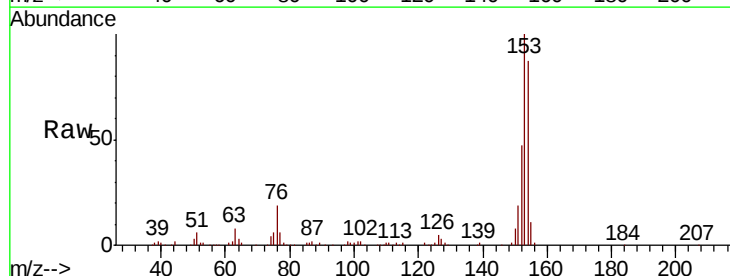


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

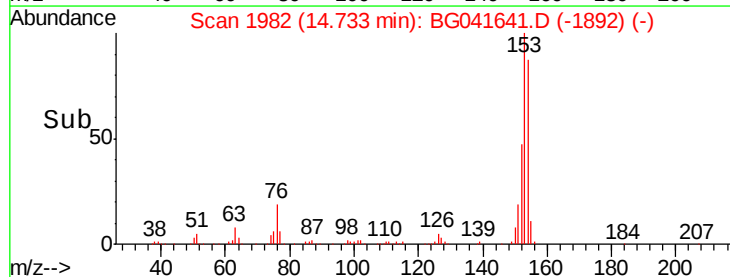
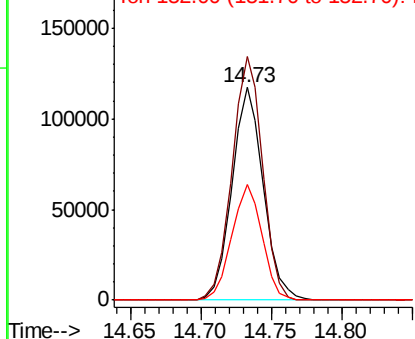


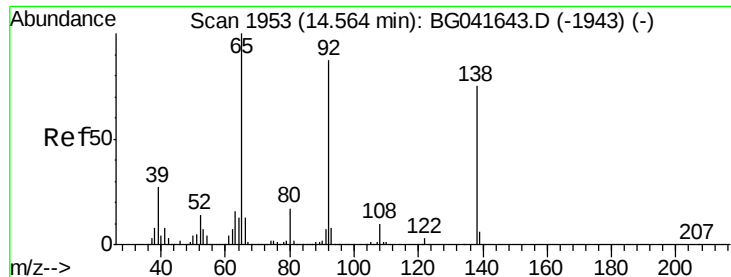
#52
Acenaphthene
Concen: 11.303 ng
RT: 14.73 min Scan# 1982
Delta R.T. -0.00 min
Lab File: BG041641.D
Acq: 15 Jul 2019 8:31

Tgt Ion:154 Resp: 180791
Ion Ratio Lower Upper
154 100
153 114.5 89.8 134.6
152 54.2 44.9 67.3



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 9.333 ng

RT: 14.56 min Scan# 1952

Delta R.T. -0.01 min

Lab File: BG041641.D

Acq: 15 Jul 2019 8:31

Instrument :

BNA_G

ClientSampleId :

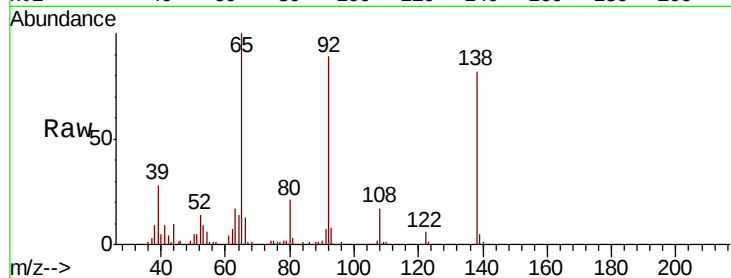
Tot Ion:138 Resp: 43540

Ion Ratio Lower Upper

138 100

108 20.5 10.3 15.5#

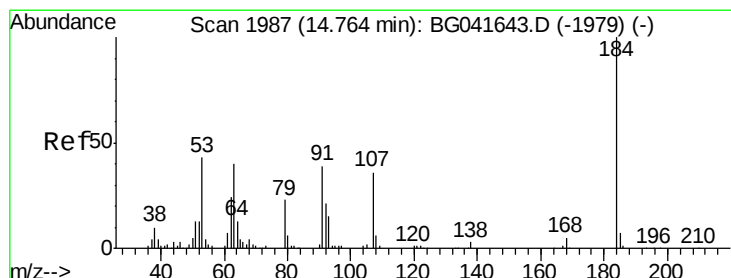
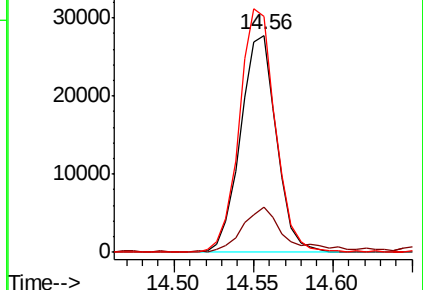
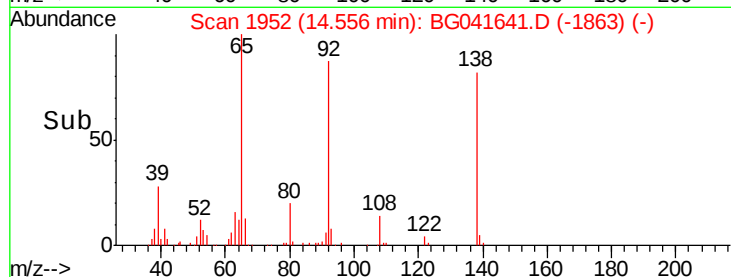
92 108.5 93.0 139.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 7.269 ng

RT: 14.76 min Scan# 1986

Delta R.T. -0.01 min

Lab File: BG041641.D

Acq: 15 Jul 2019 8:31

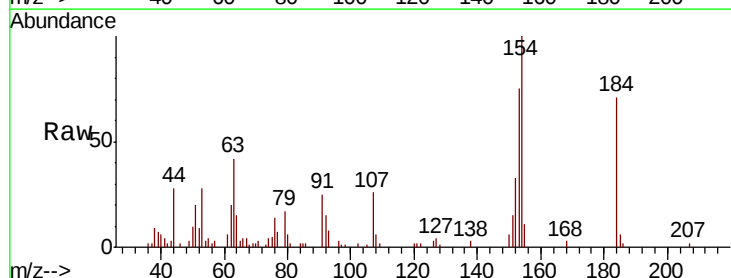
Tgt Ion:184 Resp: 13656

Ion Ratio Lower Upper

184 100

63 58.9 43.2 64.8

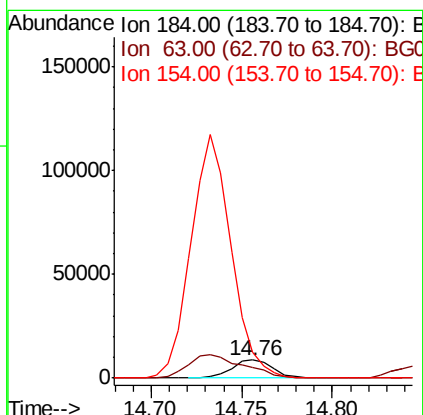
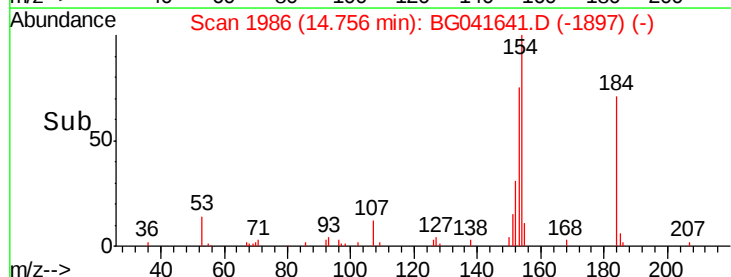
154 141.7 51.4 77.2#

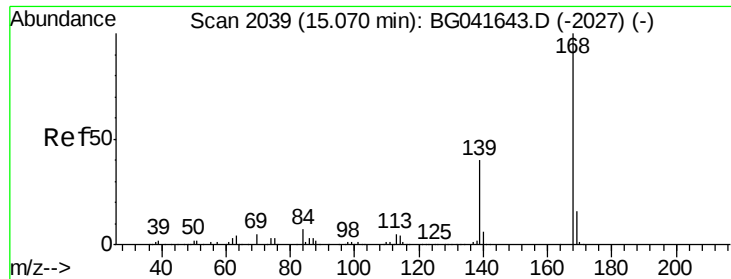


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

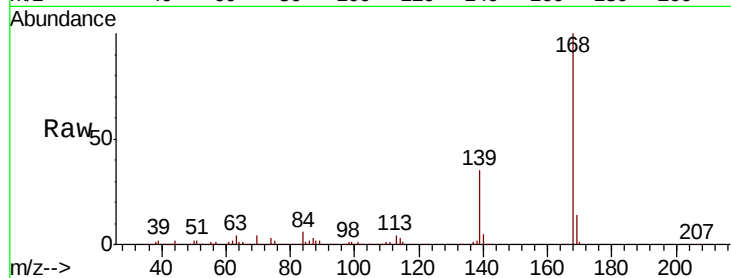




#55
Dibenzenofuran
Concen: 12.098 ng
RT: 15.07 min Scan# 2039
Delta R.T. -0.00 min
Lab File: BG041641.D
Acq: 15 Jul 2019 8:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
168	100		
139	35.2	31.9	47.9
169	13.5	12.5	18.7

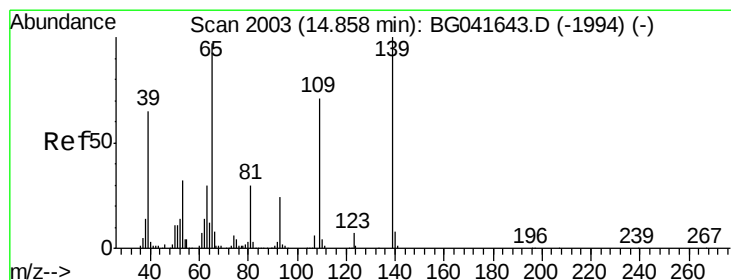
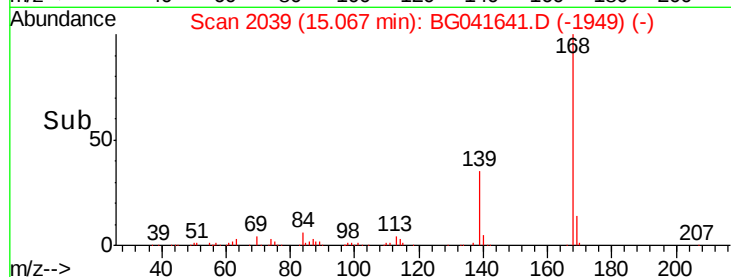
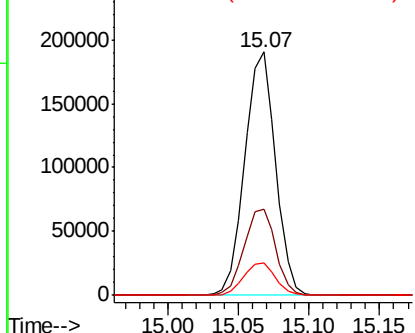


Abundance

Ion 168.00 (167.70 to 168.70): E

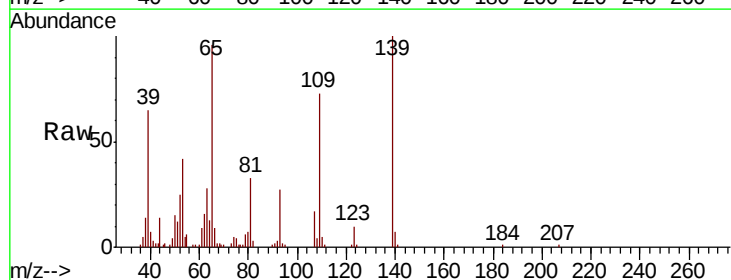
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 8.863 ng
RT: 14.84 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BG041641.D
Acq: 15 Jul 2019 8:31

Tgt Ion	Ratio	Lower	Upper
139	100		
109	72.7	51.3	91.3
65	96.2	77.6	117.6

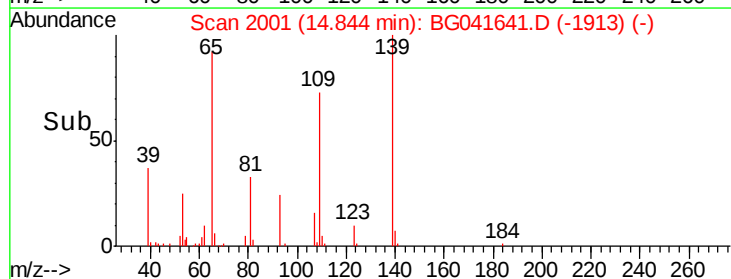
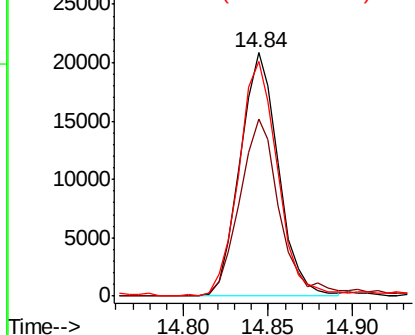


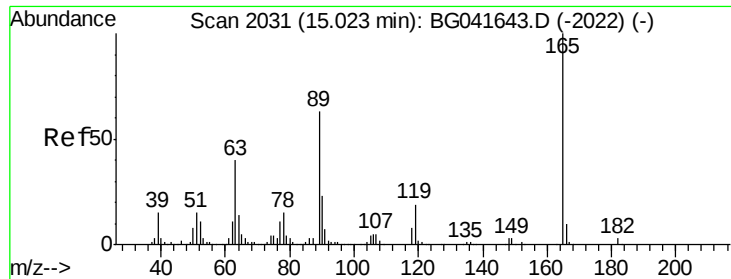
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

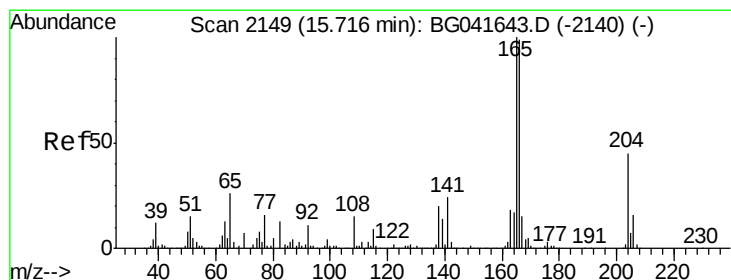
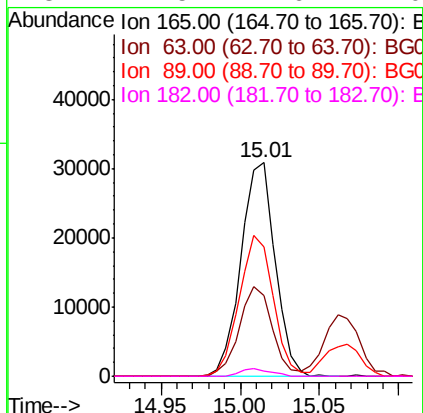
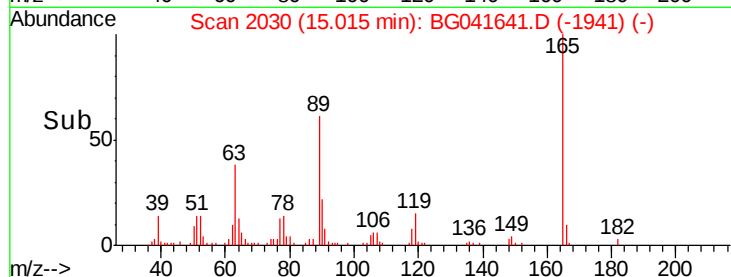
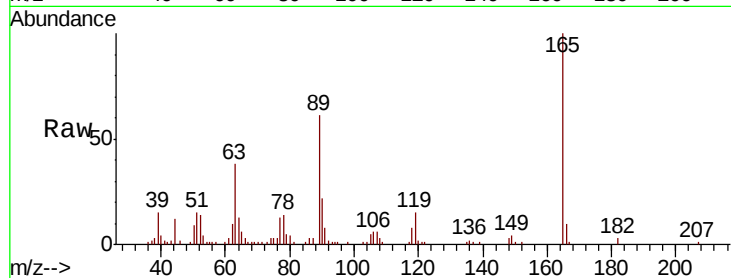




#57
2,4-Dinitrotoluene
Concen: 8.460 ng
RT: 15.01 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BG041641.D
Acq: 15 Jul 2019 8:31

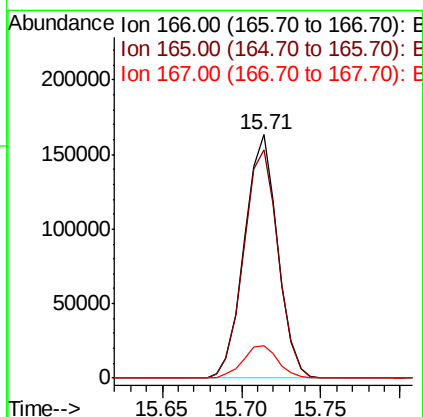
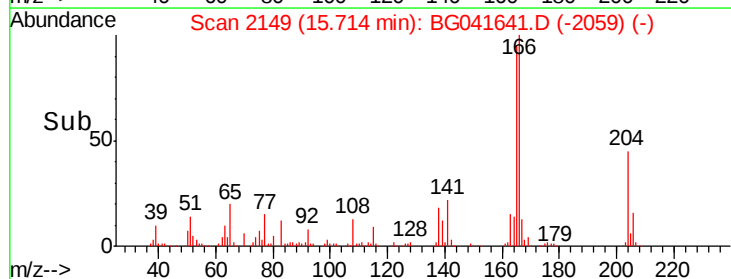
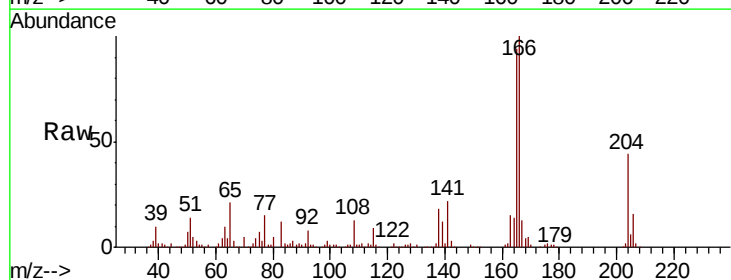
Instrument :
BNA_G
ClientSampleId :

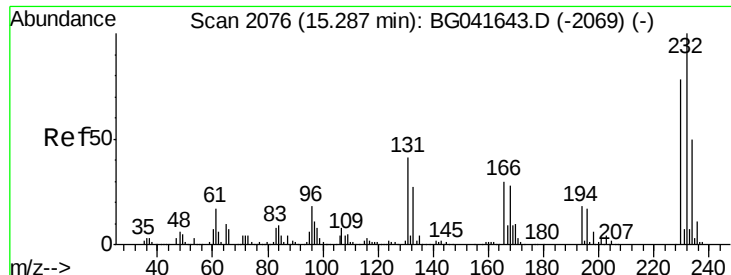
Tot Ion:165 Resp: 46302
Ion Ratio Lower Upper
165 100
63 37.6 31.7 47.5
89 60.7 50.2 75.4
182 2.5 2.6 4.0#



#58
Fluorene
Concen: 12.195 ng
RT: 15.71 min Scan# 2149
Delta R.T. -0.00 min
Lab File: BG041641.D
Acq: 15 Jul 2019 8:31

Tgt Ion:166 Resp: 236936
Ion Ratio Lower Upper
166 100
165 93.5 80.5 120.7
167 13.4 12.4 18.6

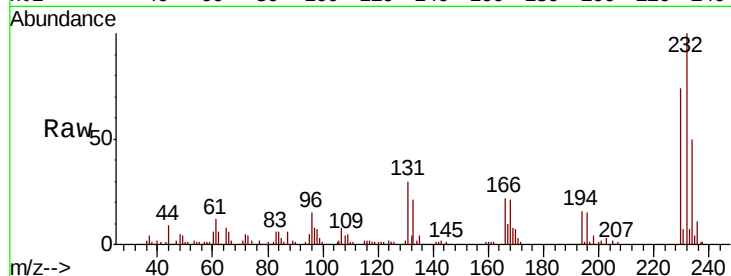




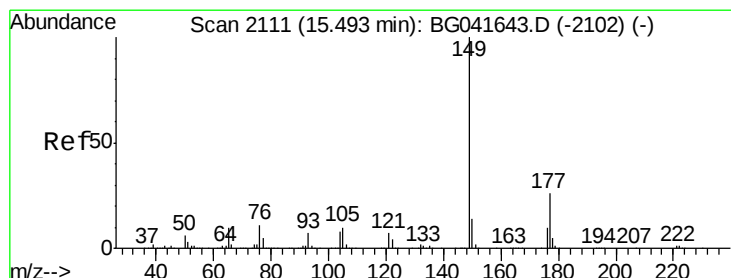
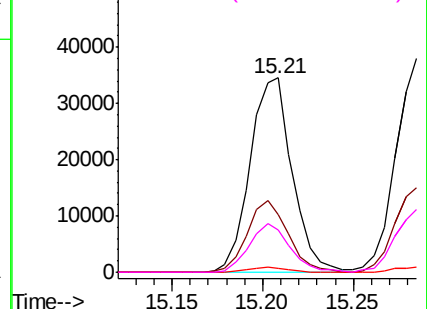
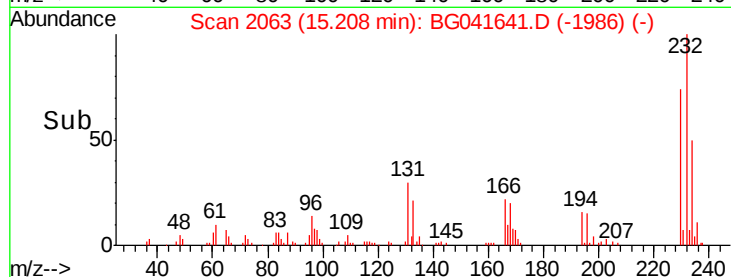
#59
2,3,4,6-Tetrachlorophenol
Concen: 9.764 ng
RT: 15.21 min Scan# 2063
Delta R.T. -0.08 min
Lab File: BG041641.D
Acq: 15 Jul 2019 8:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	232	Resp:	55605
Ion	Ratio	Lower	Upper
232	100		
131	35.8	31.8	47.6
130	2.4	1.8	2.8
166	24.2	23.5	35.3

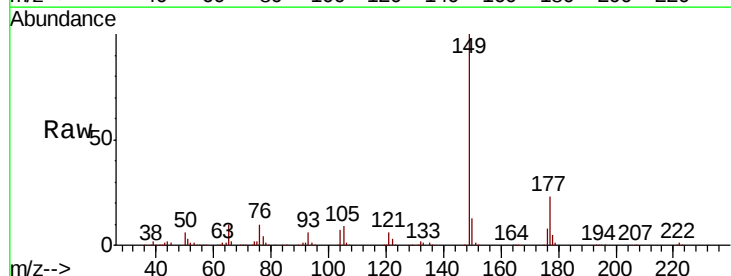


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

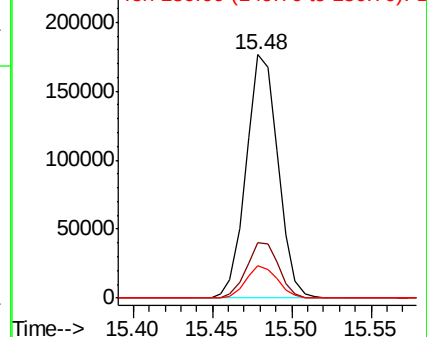
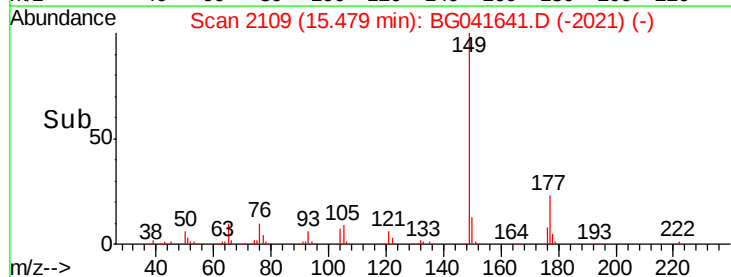


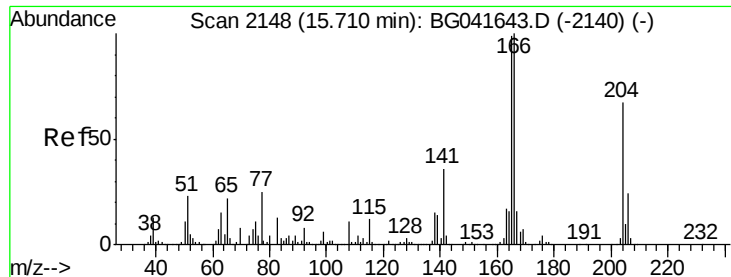
#60
Diethylphthalate
Concen: 11.655 ng
RT: 15.48 min Scan# 2109
Delta R.T. -0.01 min
Lab File: BG041641.D
Acq: 15 Jul 2019 8:31

Tgt Ion:	149	Resp:	245808
Ion	Ratio	Lower	Upper
149	100		
177	22.6	20.7	31.1
150	13.3	11.5	17.3



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

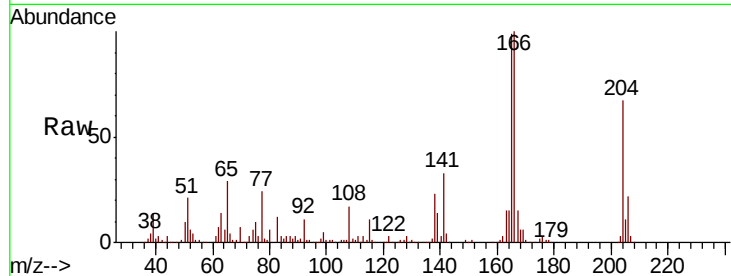




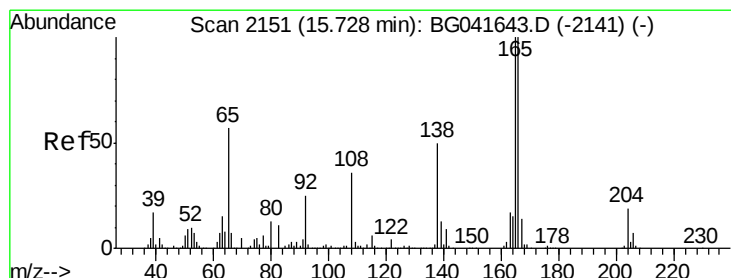
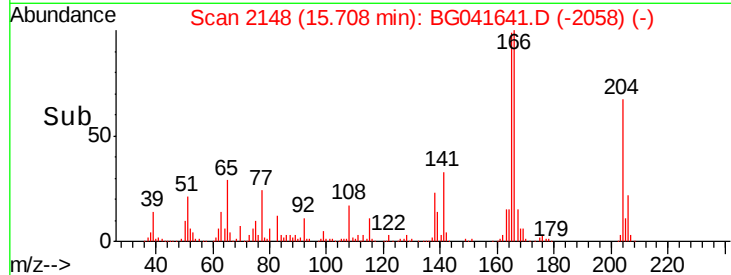
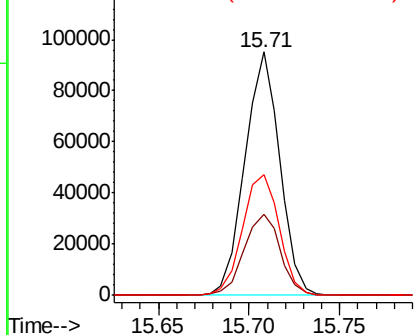
#61
 4-Chlorophenyl-phenylether
 Concen: 11.480 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.00 min
 Lab File: BG041641.D
 Acq: 15 Jul 2019 8:31

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:204 Resp: 127799
 Ion Ratio Lower Upper
 204 100
 206 33.1 28.6 42.8
 141 49.4 42.9 64.3

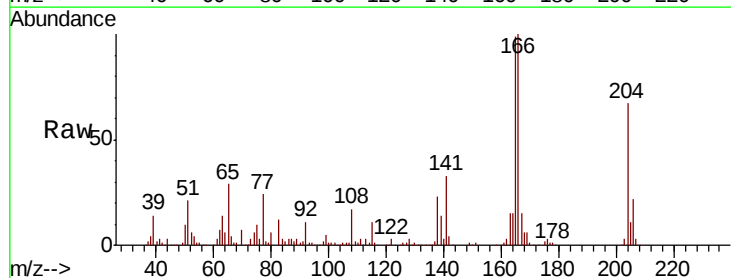


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

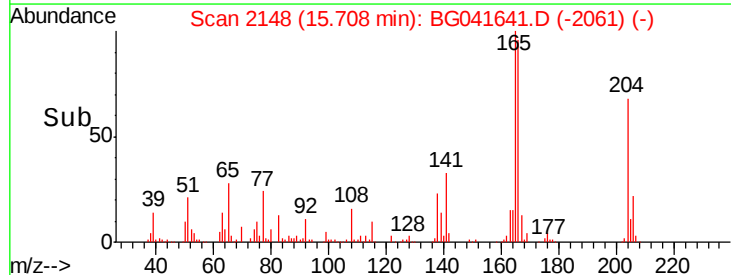
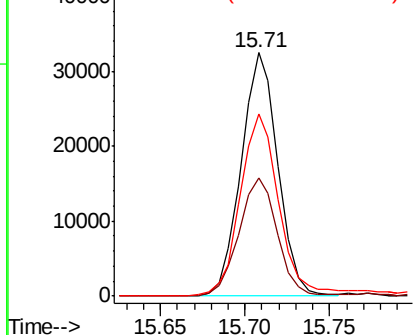


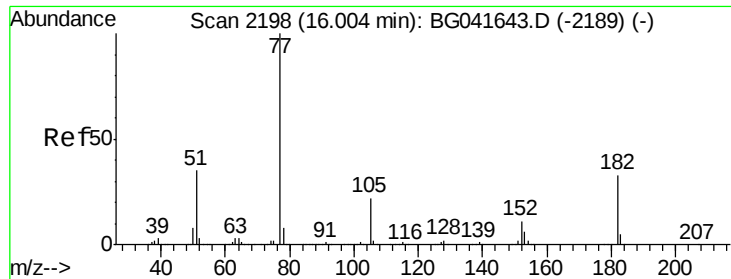
#62
 4-Nitroaniline
 Concen: 9.912 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.02 min
 Lab File: BG041641.D
 Acq: 15 Jul 2019 8:31

Tgt Ion:138 Resp: 49070
 Ion Ratio Lower Upper
 138 100
 92 48.3 29.8 69.8
 108 74.6 52.2 92.2



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BG
 Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 12.009 ng

RT: 16.00 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BG041641.D

Acq: 15 Jul 2019 8:31

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 222969

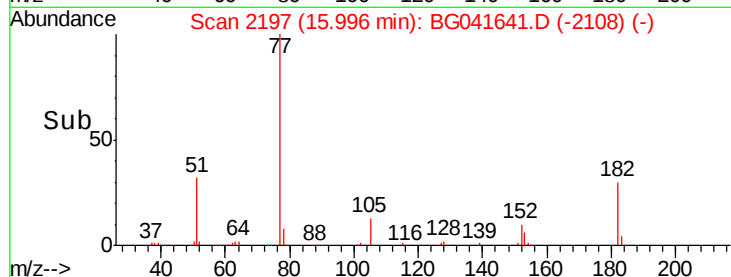
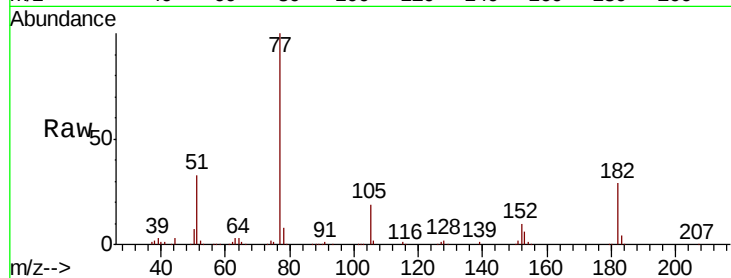
Ion	Ratio	Lower	Upper
77	100		
182	28.5	13.2	53.2
105	19.5	2.2	42.2
51	33.2	14.6	54.6

77 100

182 28.5 13.2 53.2

105 19.5 2.2 42.2

51 33.2 14.6 54.6

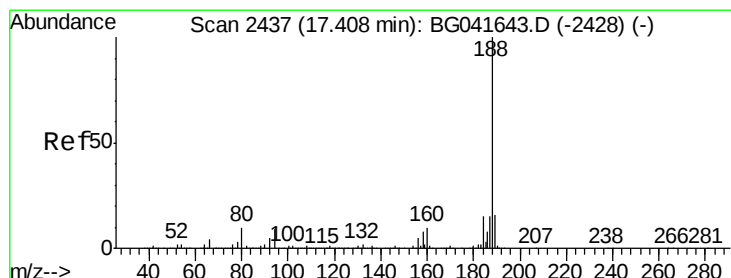
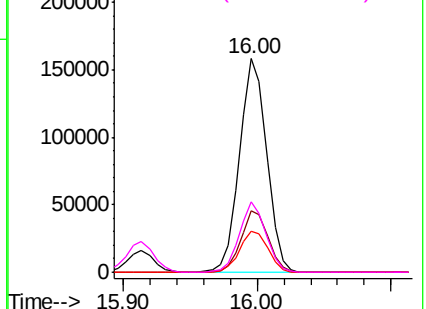


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2437

Delta R.T. -0.00 min

Lab File: BG041641.D

Acq: 15 Jul 2019 8:31

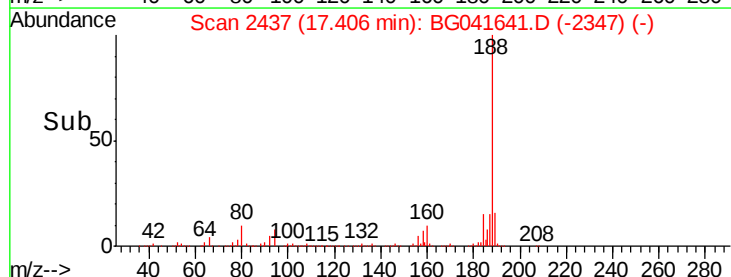
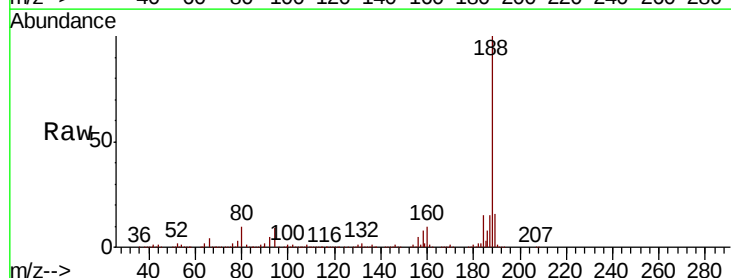
Tgt Ion: 188 Resp: 626125

Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.9	10.3
80	10.3	8.0	12.0

188 100

94 8.5 6.9 10.3

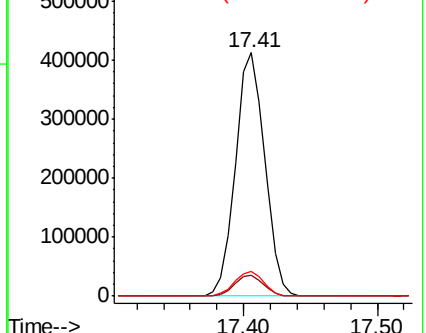
80 10.3 8.0 12.0

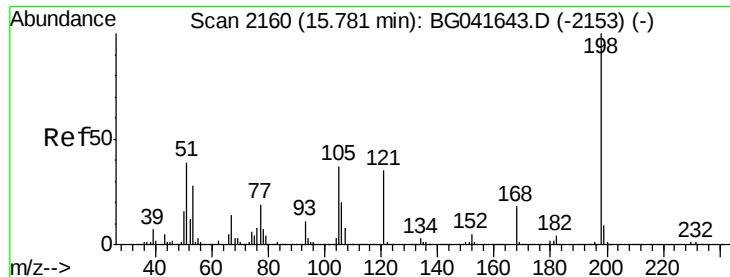


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 7.396 ng

RT: 15.77 min Scan# 2159

Delta R.T. -0.01 min

Lab File: BG041641.D

Acq: 15 Jul 2019 8:31

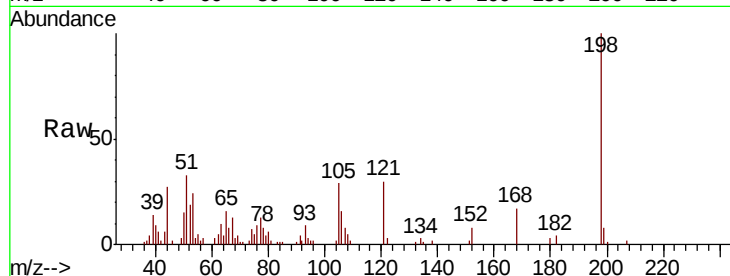
Instrument :

BNA_G

ClientSampled :

Tot Ion:198 Resp: 20102

Ion	Ratio	Lower	Upper
198	100		
51	33.0	22.3	62.3
105	28.5	18.0	58.0

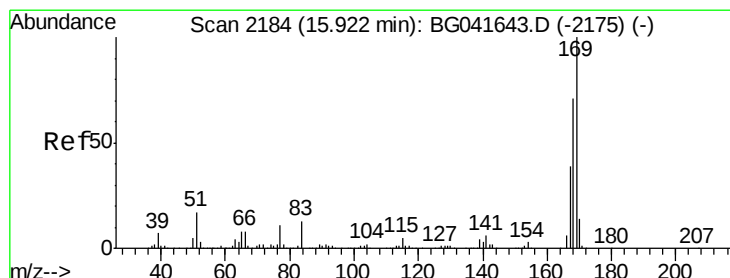
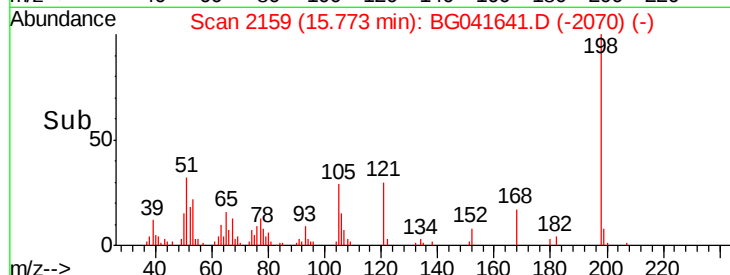
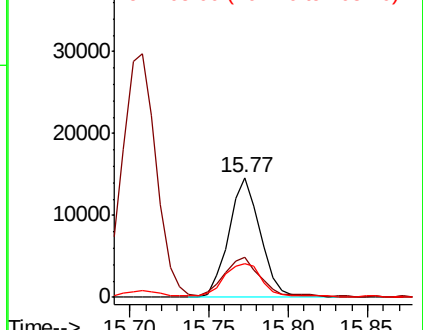


Abundance

Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 11.224 ng

RT: 15.91 min Scan# 2183

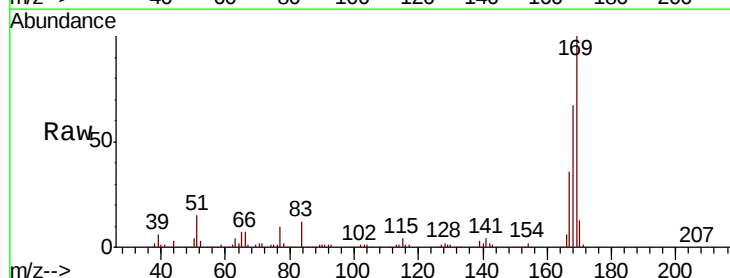
Delta R.T. -0.01 min

Lab File: BG041641.D

Acq: 15 Jul 2019 8:31

Tgt Ion:169 Resp: 212727

Ion	Ratio	Lower	Upper
169	100		
168	67.3	56.9	85.3
167	36.1	31.5	47.3

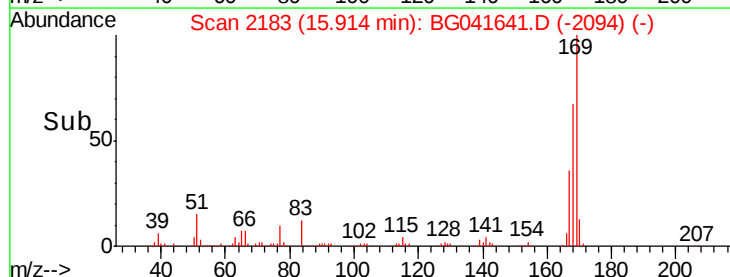
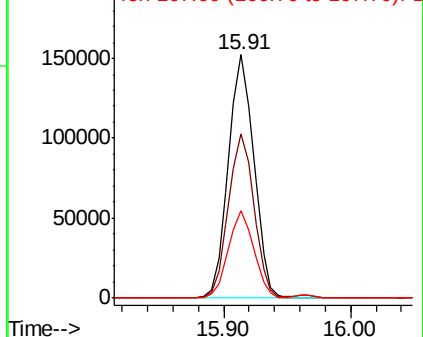


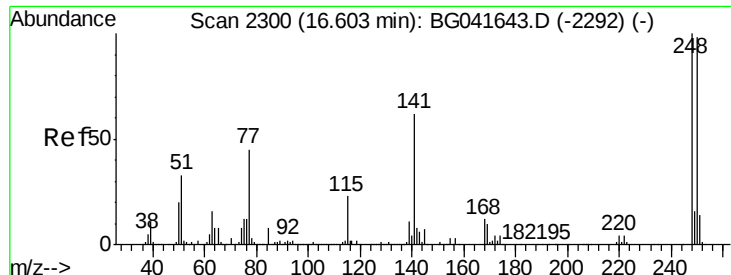
Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

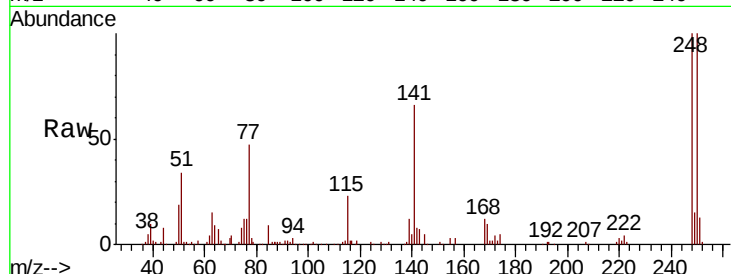




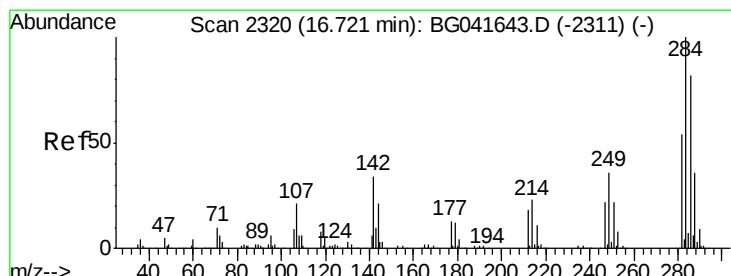
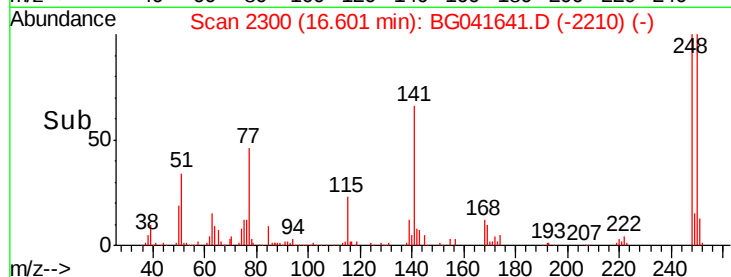
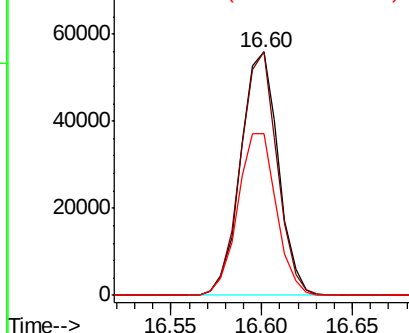
#67
 4-Bromophenyl-phenylether
 Concen: 10.365 ng
 RT: 16.60 min Scan# 2300
 Delta R.T. -0.00 min
 Lab File: BG041641.D
 Acq: 15 Jul 2019 8:31

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 80223
 Ion Ratio Lower Upper
 248 100
 250 100.1 78.1 117.1
 141 66.5 49.6 74.4

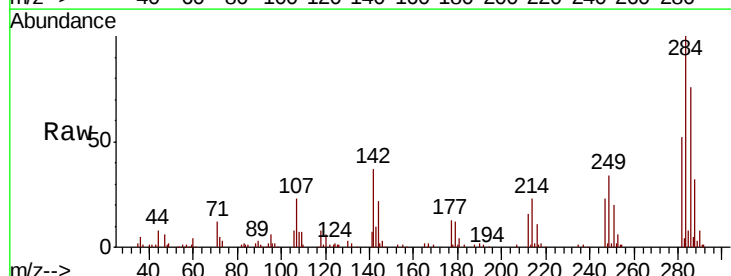


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

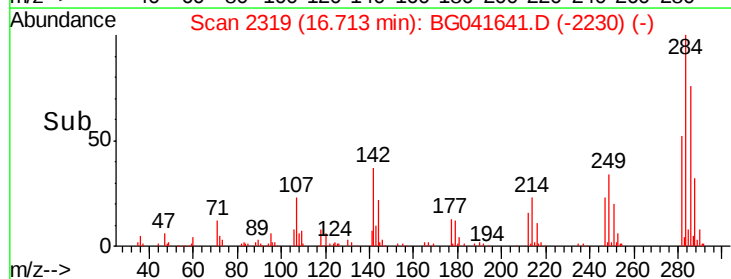
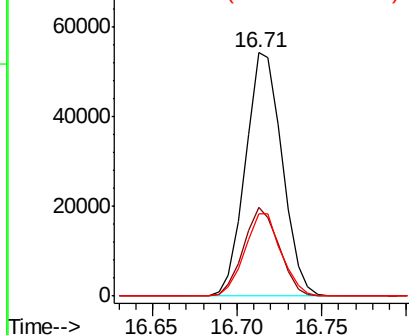


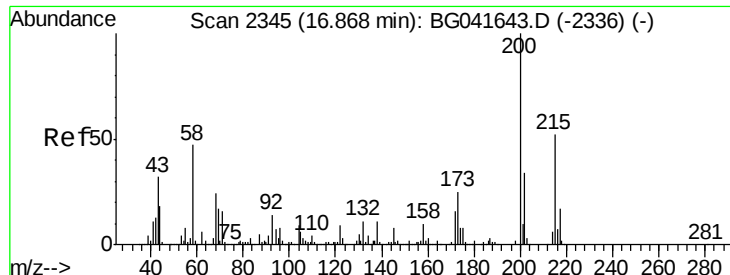
#68
 Hexachlorobenzene
 Concen: 10.469 ng
 RT: 16.71 min Scan# 2319
 Delta R.T. -0.01 min
 Lab File: BG041641.D
 Acq: 15 Jul 2019 8:31

Tgt Ion:284 Resp: 81957
 Ion Ratio Lower Upper
 284 100
 142 36.5 27.0 40.6
 249 33.6 28.4 42.6



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





#69

Atrazine

Concen: 13.712 ng

RT: 16.86 min Scan# 2344

Delta R.T. -0.01 min

Lab File: BG041641.D

Acq: 15 Jul 2019 8:31

Instrument :

BNA_G

ClientSampleId :

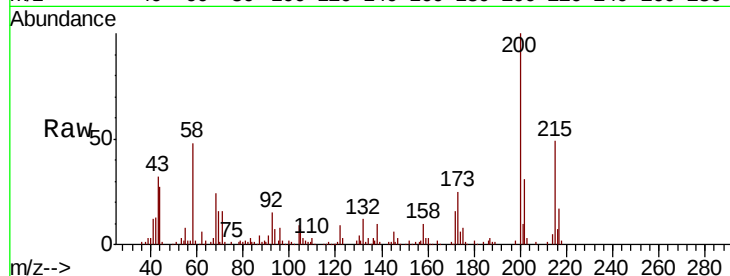
Tot Ion:200 Resp: 77743

Ion Ratio Lower Upper

200 100

173 25.0 5.3 45.3

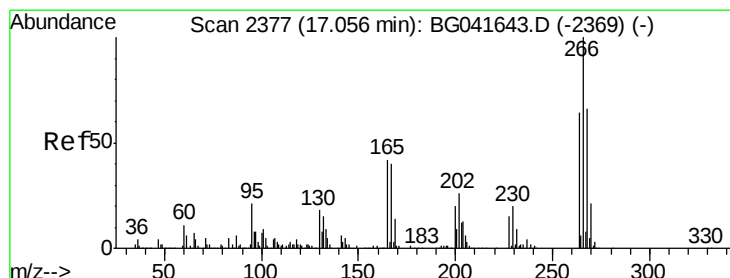
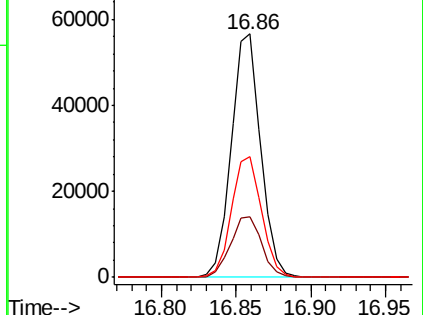
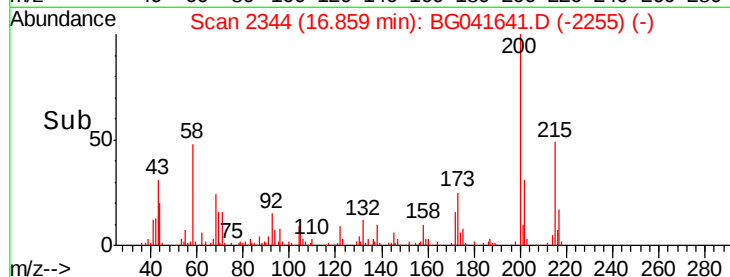
215 49.4 31.8 71.8



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: 9.025 ng

RT: 17.05 min Scan# 2377

Delta R.T. -0.00 min

Lab File: BG041641.D

Acq: 15 Jul 2019 8:31

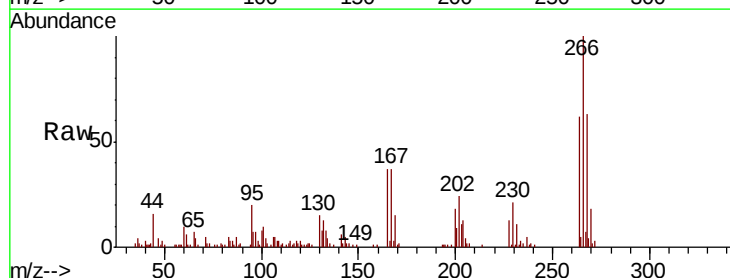
Tgt Ion:266 Resp: 43878

Ion Ratio Lower Upper

266 100

268 66.5 52.9 79.3

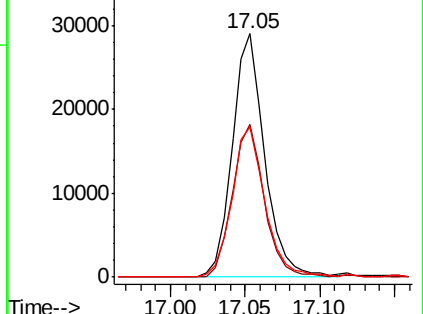
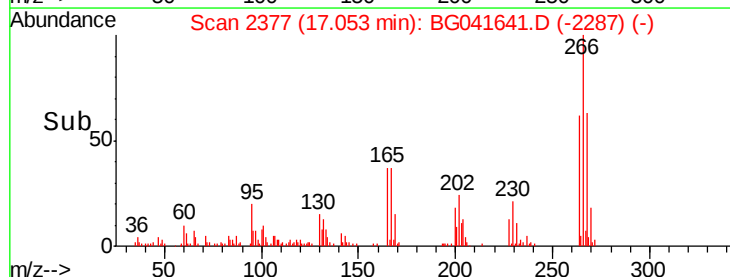
264 61.8 51.4 77.2

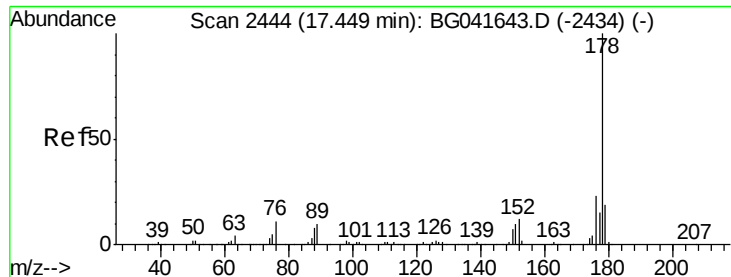


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

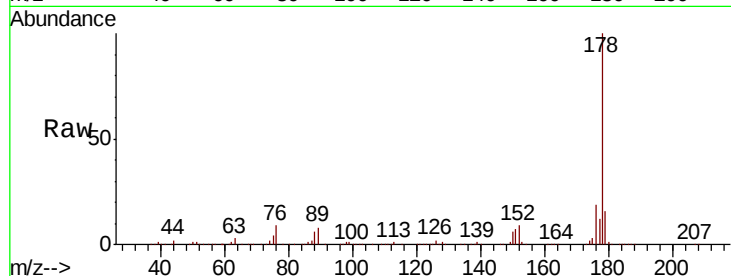




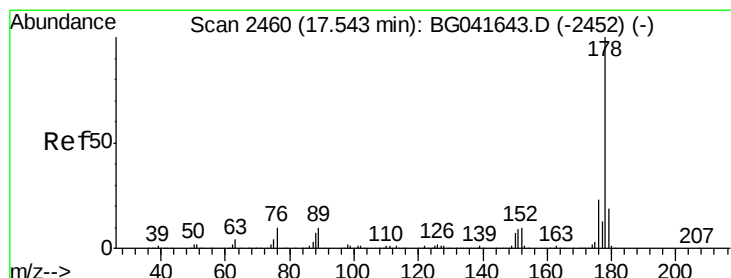
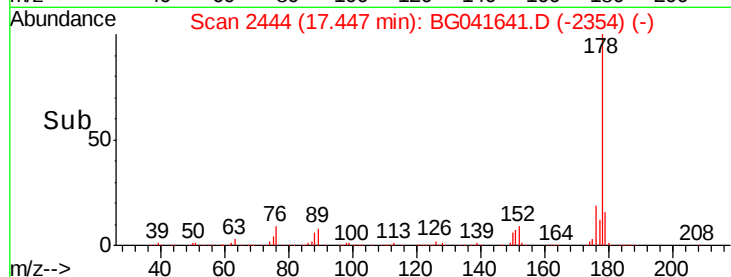
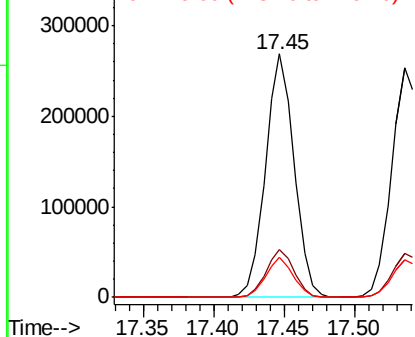
#71
Phenanthrene
Concen: 11.724 ng
RT: 17.45 min Scan# 2444
Delta R.T. -0.00 min
Lab File: BG041641.D
Acq: 15 Jul 2019 8:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion:178 Resp: 383594
Ion Ratio Lower Upper
178 100
176 19.4 18.6 28.0
179 16.3 15.4 23.0

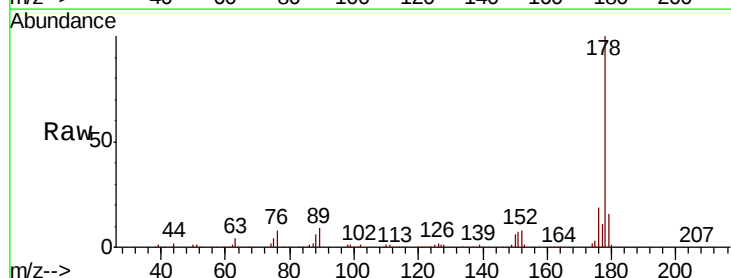


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

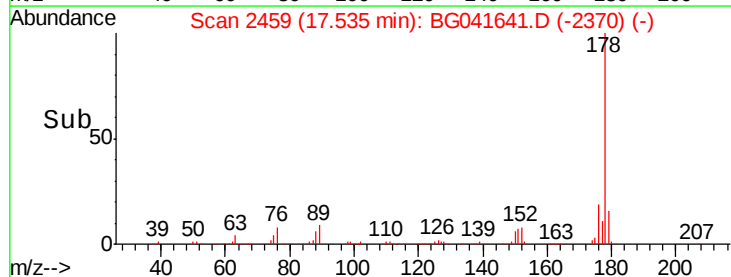
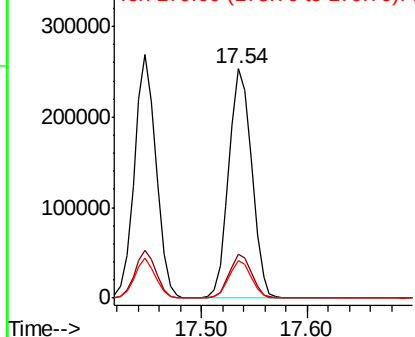


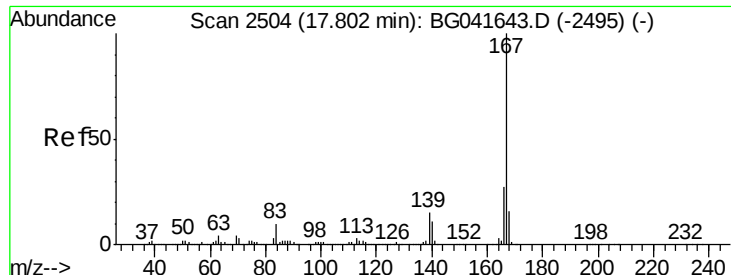
#72
Anthracene
Concen: 11.123 ng
RT: 17.54 min Scan# 2459
Delta R.T. -0.01 min
Lab File: BG041641.D
Acq: 15 Jul 2019 8:31

Tgt Ion:178 Resp: 380636
Ion Ratio Lower Upper
178 100
176 19.3 18.6 28.0
179 16.2 15.1 22.7



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

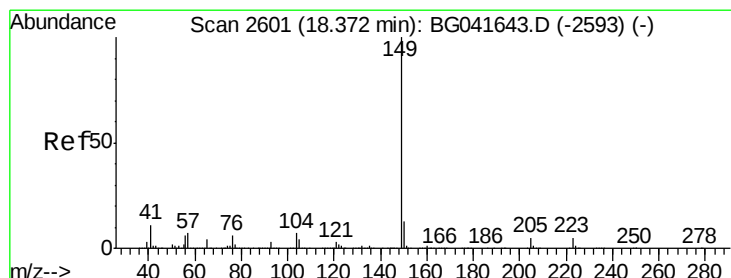
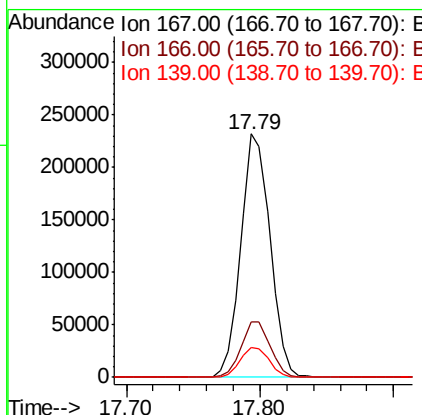
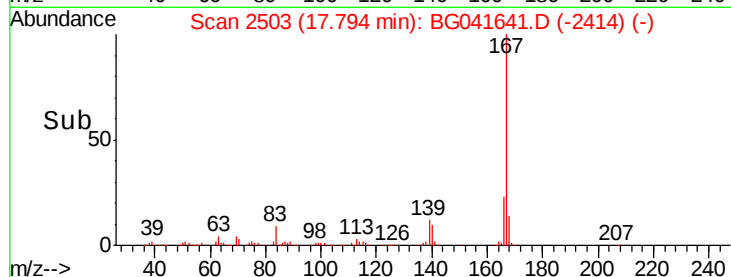
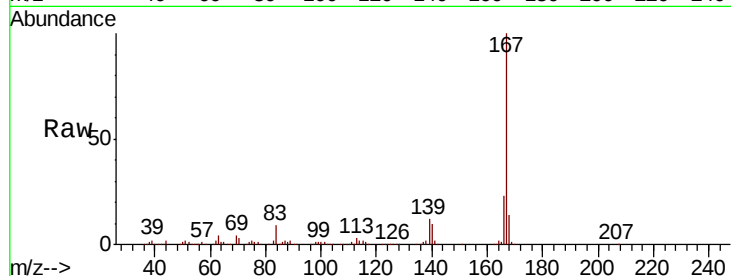




#73
 Carbazole
 Concen: 11.112 ng
 RT: 17.79 min Scan# 2503
 Delta R.T. -0.01 min
 Lab File: BG041641.D
 Acq: 15 Jul 2019 8:31

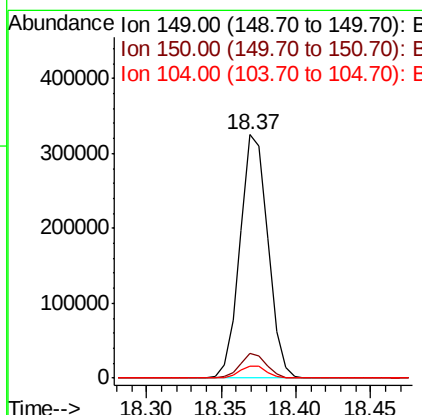
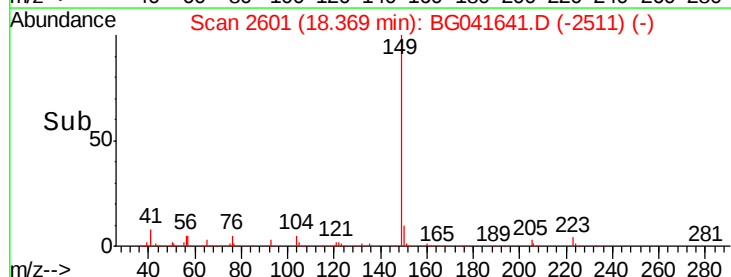
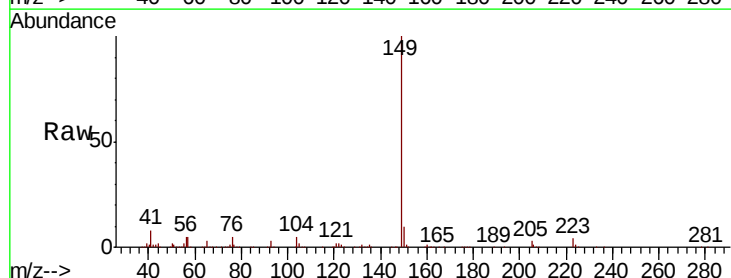
Instrument :
 BNA_G
 ClientSampleId :

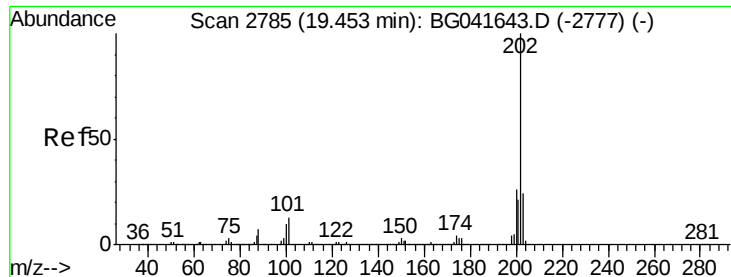
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.8	21.4	32.2
139	12.5	12.1	18.1



#74
 Di-n-butylphthalate
 Concen: 10.927 ng
 RT: 18.37 min Scan# 2601
 Delta R.T. -0.00 min
 Lab File: BG041641.D
 Acq: 15 Jul 2019 8:31

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	10.2	15.2#
104	4.9	5.3	7.9#





#75

Fluoranthene

Concen: 11.972 ng

RT: 19.45 min Scan# 2785

Delta R.T. -0.00 min

Lab File: BG041641.D

Acq: 15 Jul 2019 8:31

Instrument :

BNA_G

ClientSampleId :

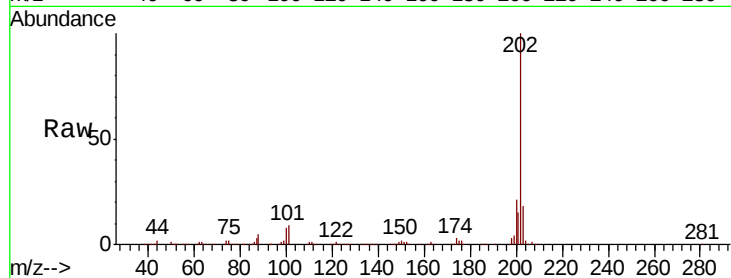
Tot Ion:202 Resp: 471610

Ion Ratio Lower Upper

202 100

101 9.3 0.0 32.8

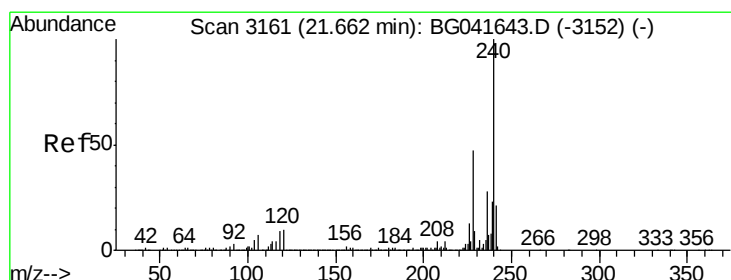
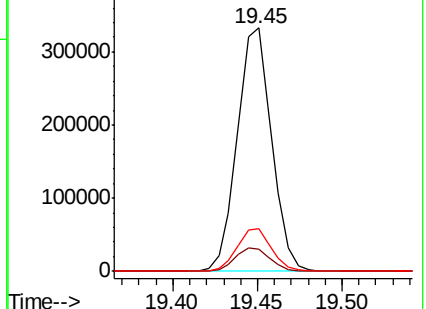
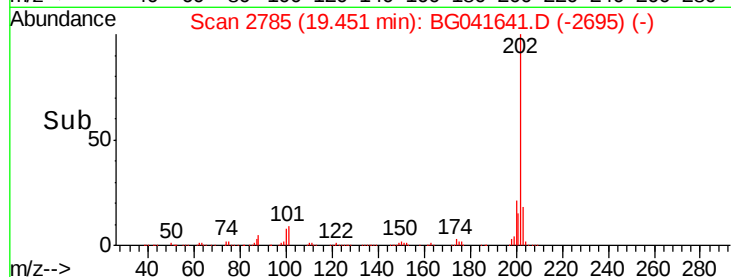
203 17.7 3.7 43.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3161

Delta R.T. -0.00 min

Lab File: BG041641.D

Acq: 15 Jul 2019 8:31

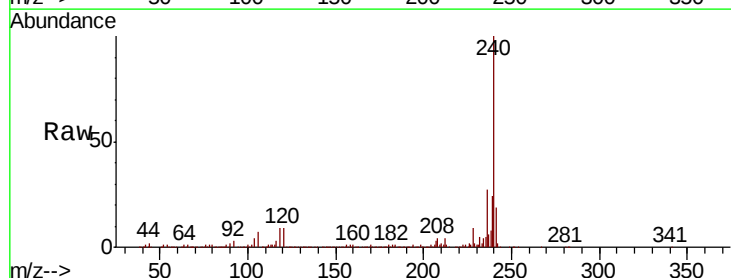
Tgt Ion:240 Resp: 580389

Ion Ratio Lower Upper

240 100

120 9.3 8.0 12.0

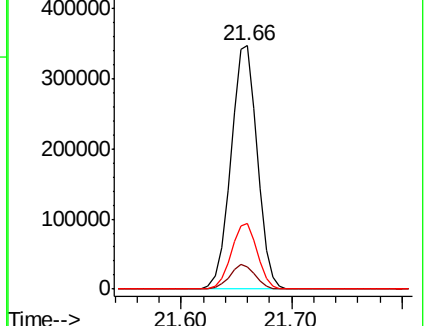
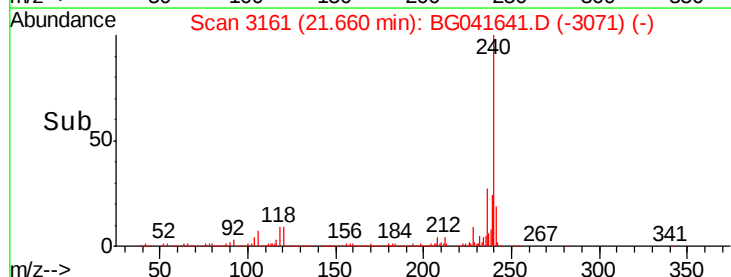
236 27.0 22.6 33.8

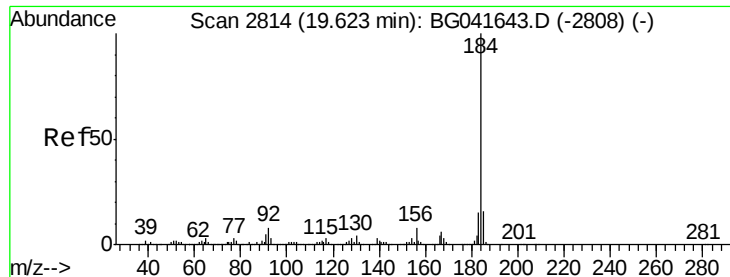


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 13.548 ng

RT: 19.62 min Scan# 2814

Delta R.T. -0.00 min

Lab File: BG041641.D

Acq: 15 Jul 2019 8:31

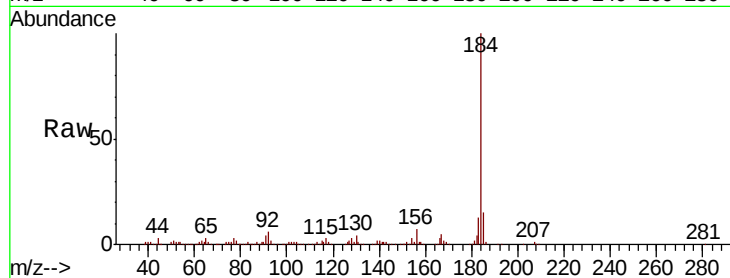
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 262599

Ion	Ratio	Lower	Upper
184	100		
185	14.6	13.0	19.4
183	12.7	11.8	17.6

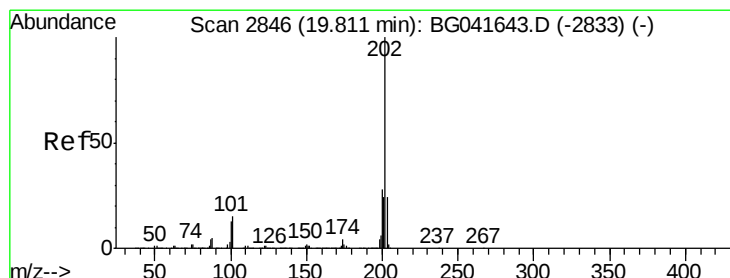
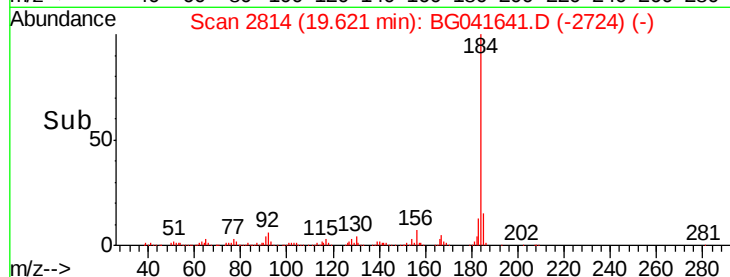
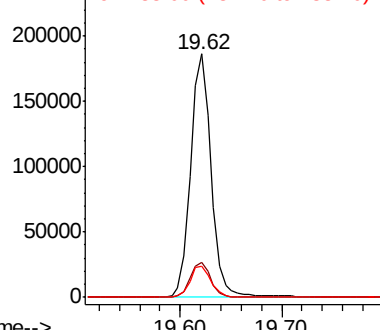


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 12.715 ng

RT: 19.81 min Scan# 2846

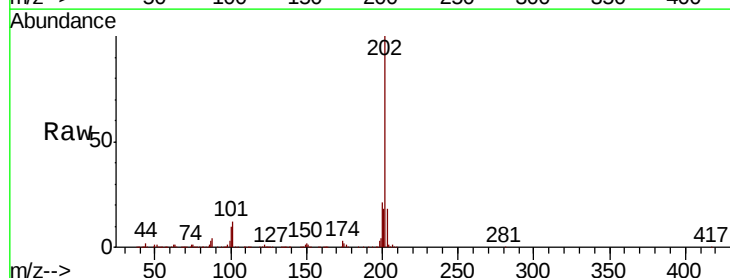
Delta R.T. -0.00 min

Lab File: BG041641.D

Acq: 15 Jul 2019 8:31

Tgt Ion:202 Resp: 474818

Ion	Ratio	Lower	Upper
202	100		
200	21.4	22.2	33.2#
203	17.8	18.9	28.3#

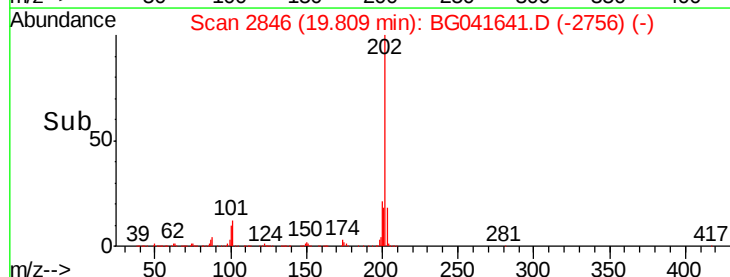
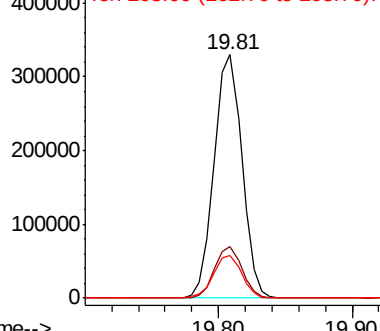


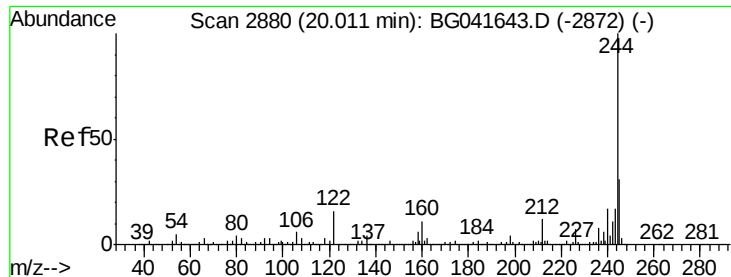
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 28.481 ng

RT: 20.01 min Scan# 2880

Delta R.T. -0.00 min

Lab File: BG041641.D

Acq: 15 Jul 2019 8:31

Instrument :

BNA_G

ClientSampleId :

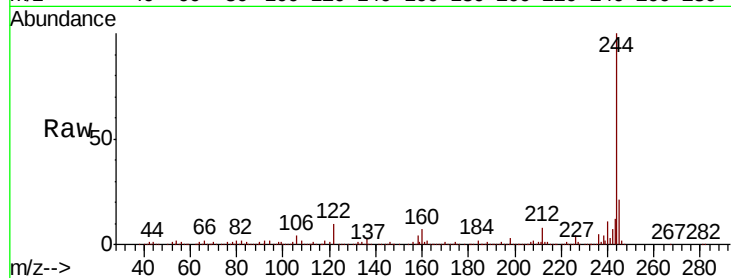
Tot Ion:244 Resp: 676327

Ion Ratio Lower Upper

244 100

212 7.9 9.7 14.5#

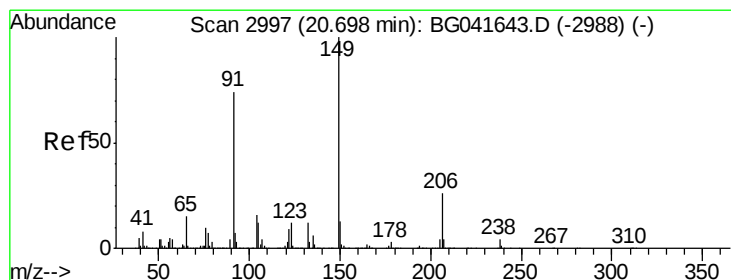
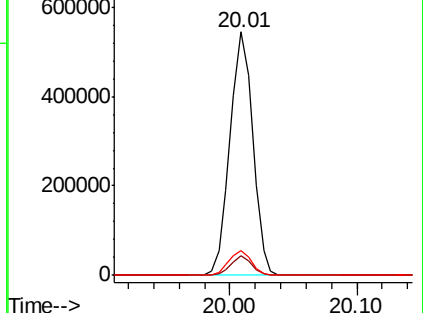
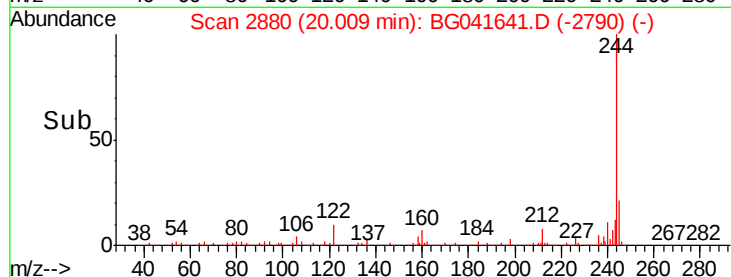
122 10.1 12.5 18.7#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 9.892 ng

RT: 20.70 min Scan# 2998

Delta R.T. 0.00 min

Lab File: BG041641.D

Acq: 15 Jul 2019 8:31

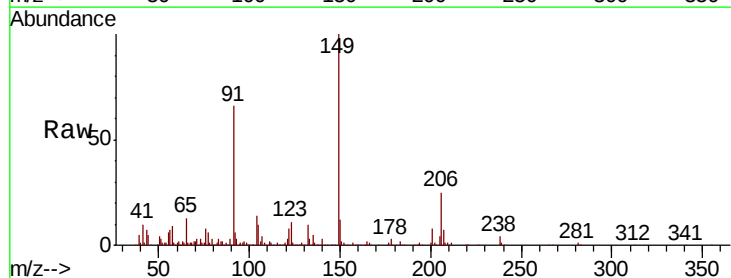
Tgt Ion:149 Resp: 174610

Ion Ratio Lower Upper

149 100

91 65.6 58.9 88.3

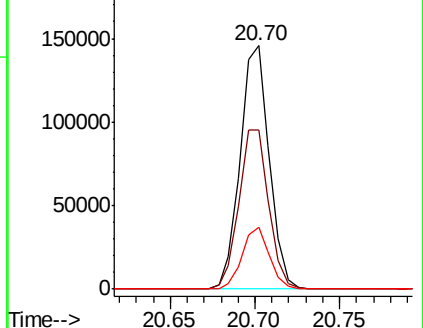
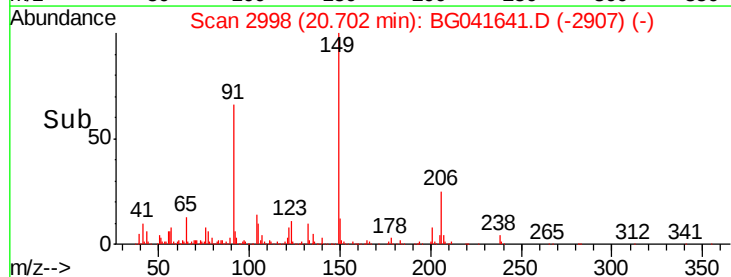
206 25.4 20.8 31.2

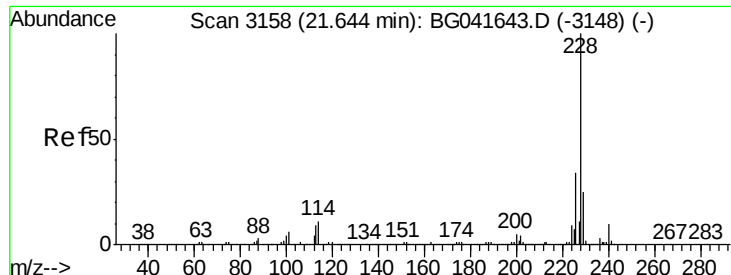


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 11.188 ng

RT: 21.64 min Scan# 3157

Delta R.T. -0.01 min

Lab File: BG041641.D

Acq: 15 Jul 2019 8:31

Instrument :

BNA_G

ClientSampleId :

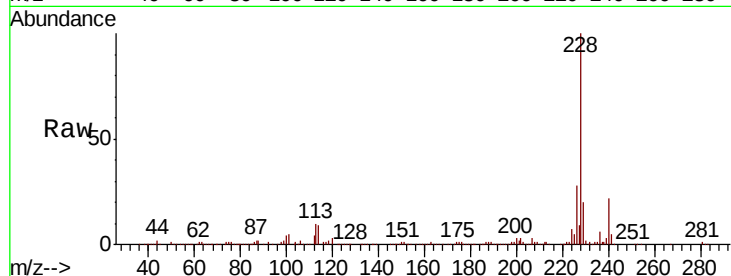
Tot Ion:228 Resp: 449261

Ion Ratio Lower Upper

228 100

226 27.5 27.3 40.9

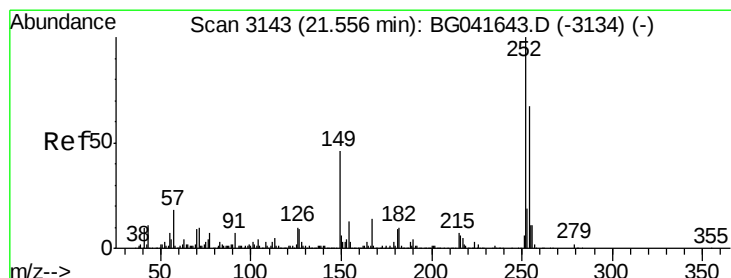
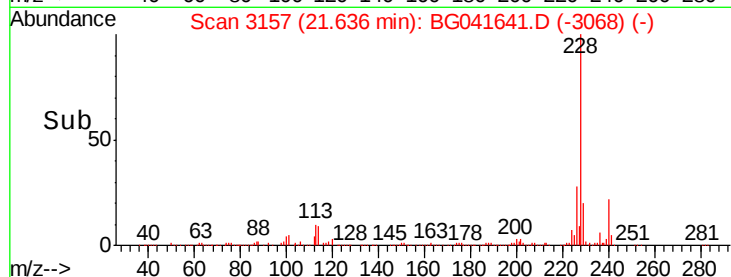
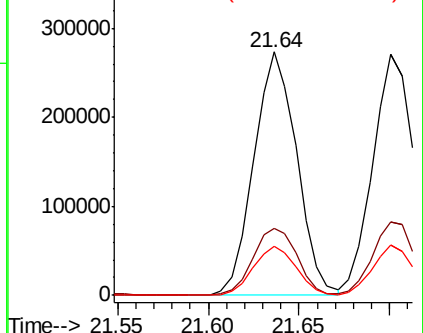
229 20.2 19.7 29.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 9.810 ng

RT: 21.55 min Scan# 3142

Delta R.T. -0.01 min

Lab File: BG041641.D

Acq: 15 Jul 2019 8:31

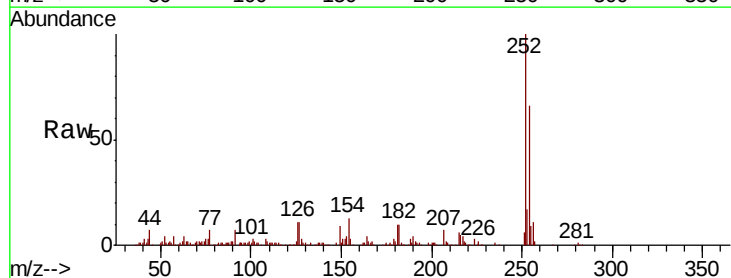
Tgt Ion:252 Resp: 163812

Ion Ratio Lower Upper

252 100

254 66.1 53.8 80.6

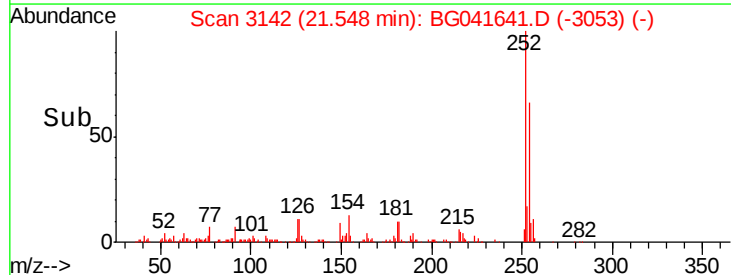
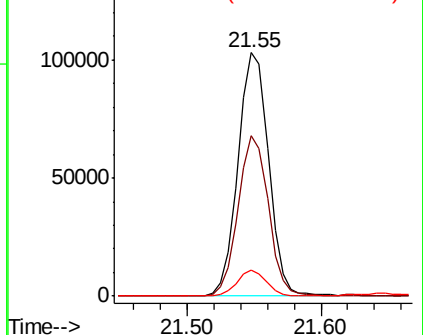
126 10.5 7.8 11.8

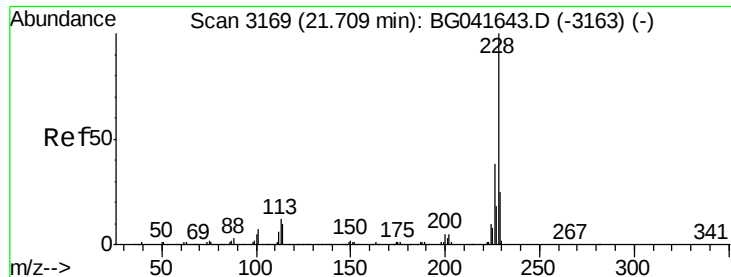


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

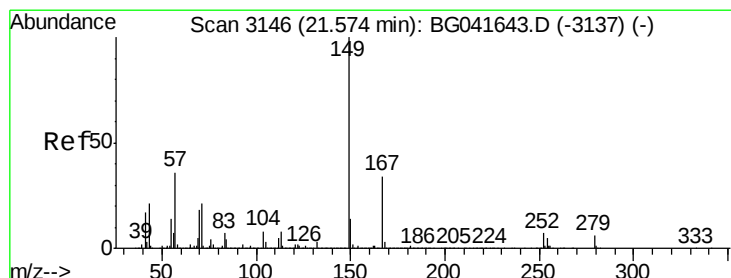
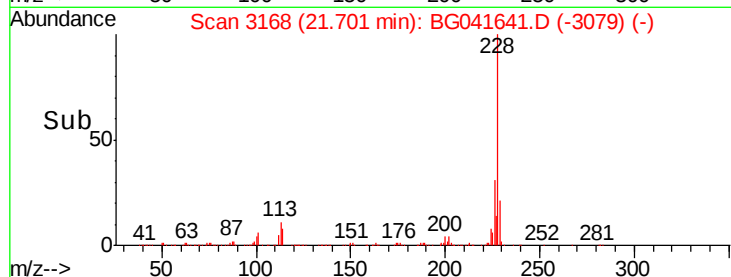
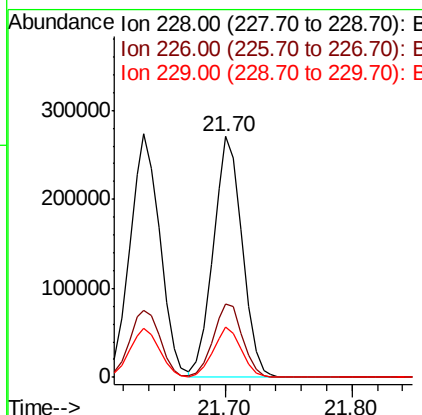
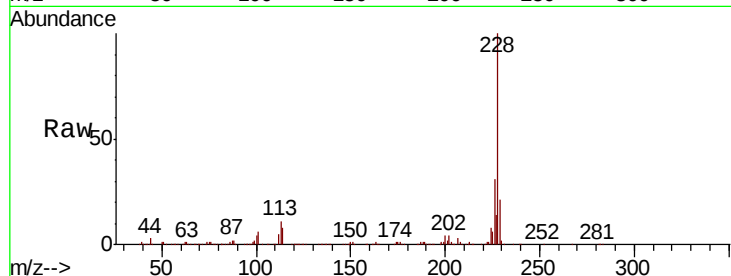




#83
 Chrvsene
 Concen: 11.984 ng
 RT: 21.70 min Scan# 3168
 Delta R.T. -0.01 min
 Lab File: BG041641.D
 Acq: 15 Jul 2019 8:31

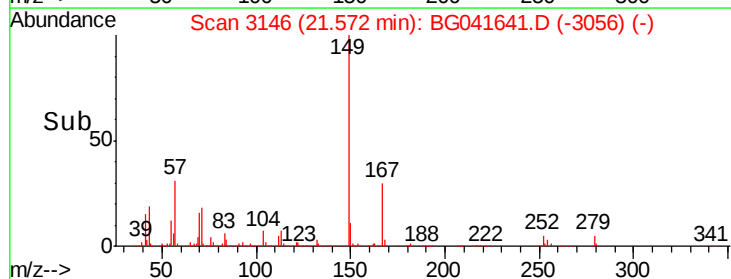
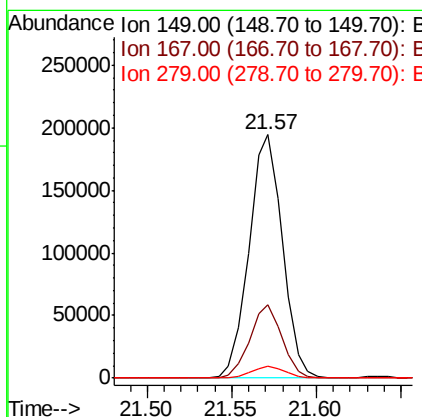
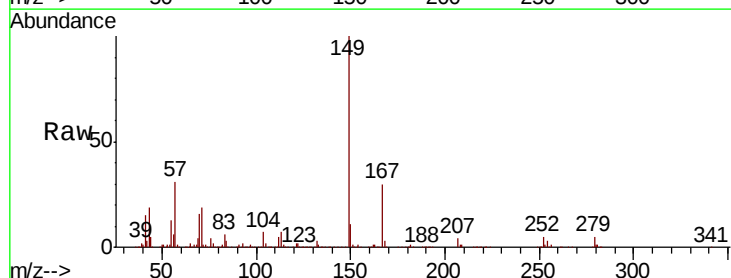
Instrument :
 BNA_G
 ClientSampleId :

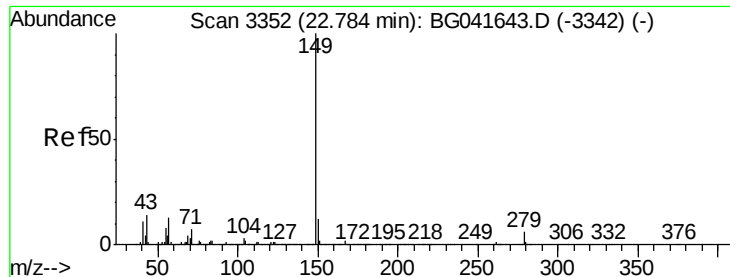
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.6	30.1	45.1
229	20.7	19.8	29.6



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 11.111 ng
 RT: 21.57 min Scan# 3146
 Delta R.T. -0.00 min
 Lab File: BG041641.D
 Acq: 15 Jul 2019 8:31

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.3	27.0	40.4
279	5.0	5.0	7.6





#85

Di-n-octyl phthalate

Concen: 10.432 ng

RT: 22.78 min Scan# 3352

Delta R.T. -0.00 min

Lab File: BG041641.D

Acq: 15 Jul 2019 8:31

Instrument :

BNA_G

ClientSampleId :

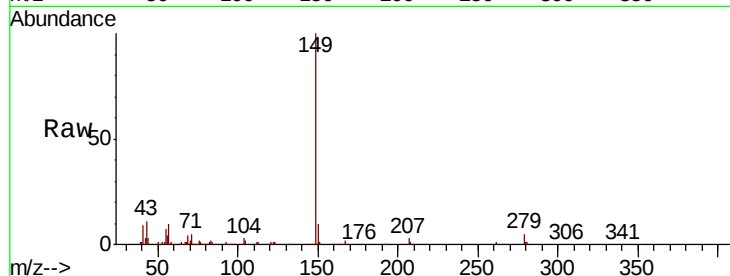
Tot Ion:149 Resp: 437081

Ion Ratio Lower Upper

149 100

167 1.7 1.6 2.4

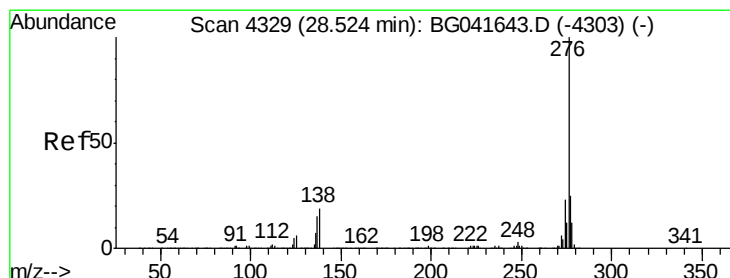
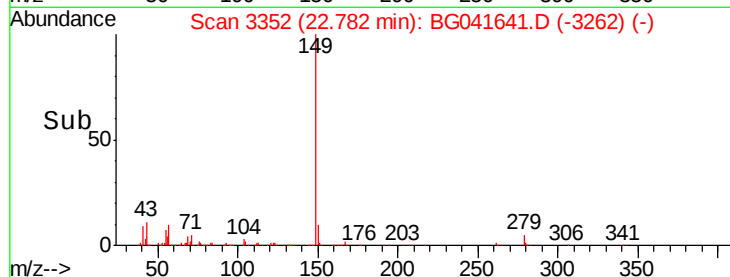
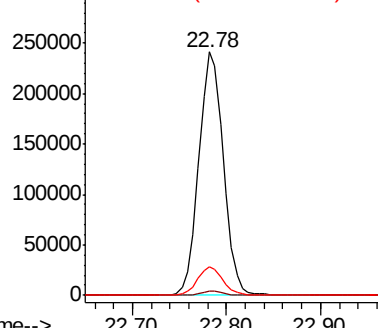
43 11.4 10.6 16.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 10.478 ng

RT: 28.49 min Scan# 4324

Delta R.T. -0.03 min

Lab File: BG041641.D

Acq: 15 Jul 2019 8:31

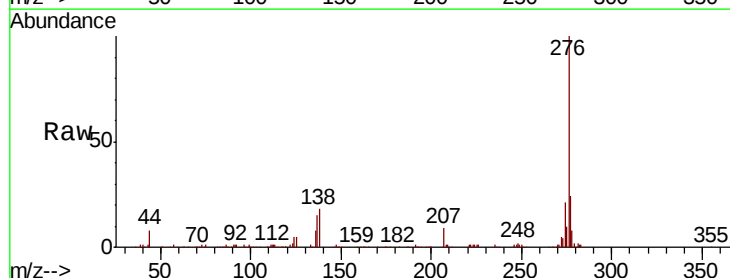
Tgt Ion:276 Resp: 508813

Ion Ratio Lower Upper

276 100

138 17.7 19.4 29.0#

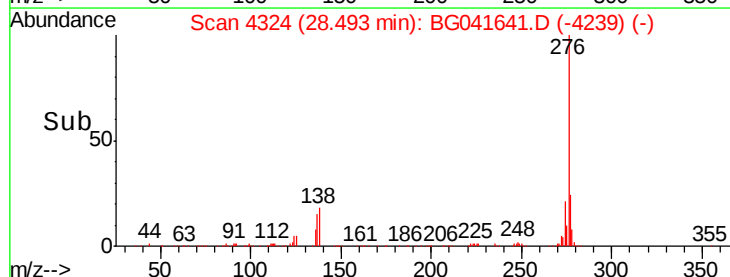
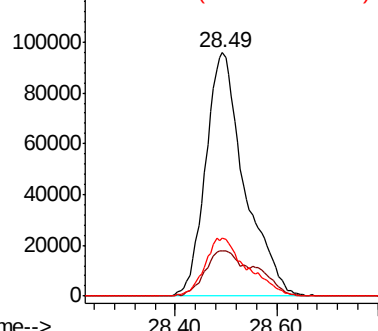
277 25.8 21.2 31.8

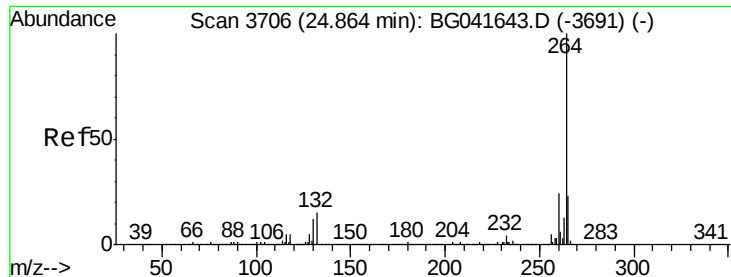


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



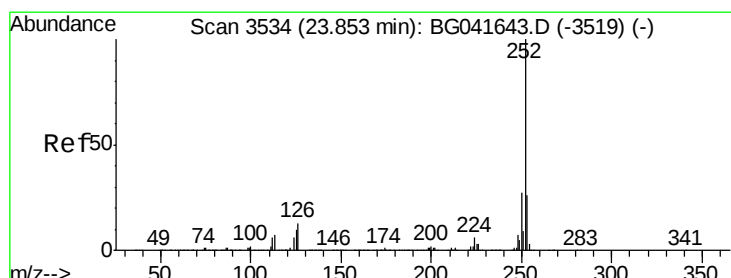
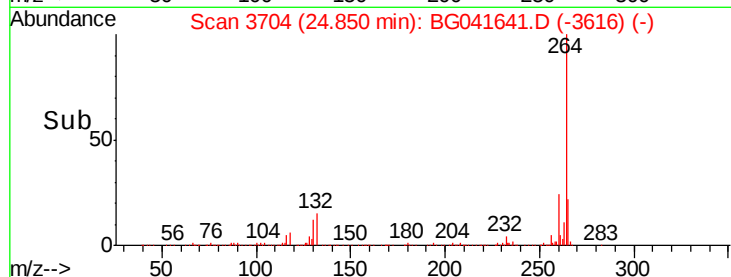
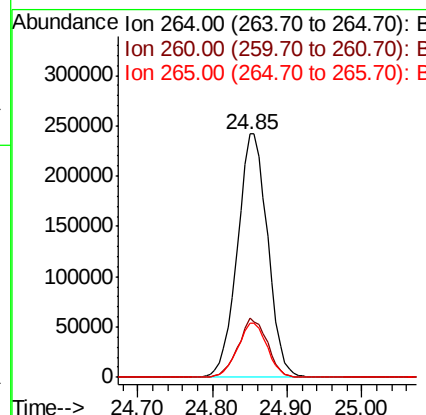
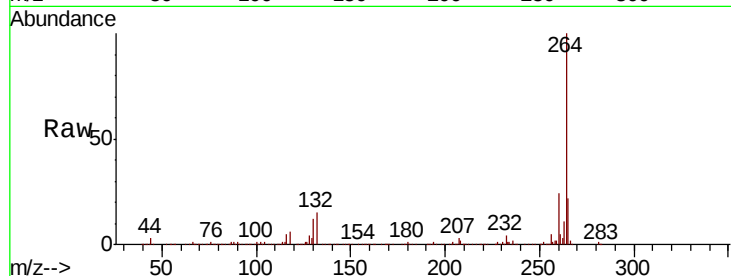


#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.85 min Scan# 3704
Delta R.T. -0.01 min
Lab File: BG041641.D
Acq: 15 Jul 2019 8:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 677893

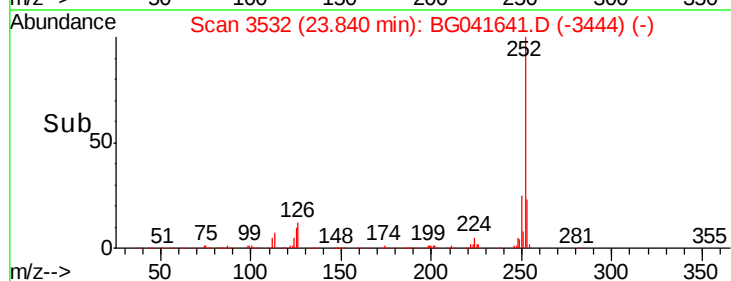
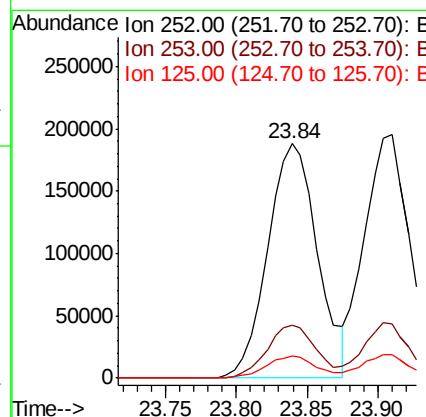
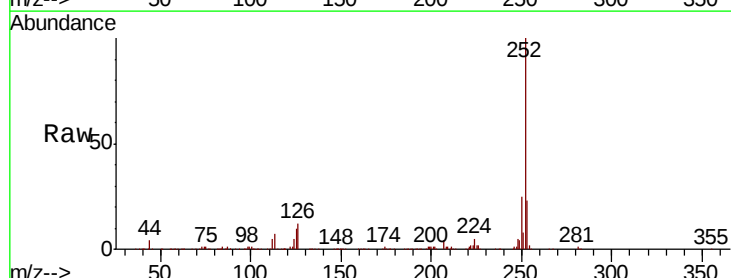
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	22.1	18.0	27.0

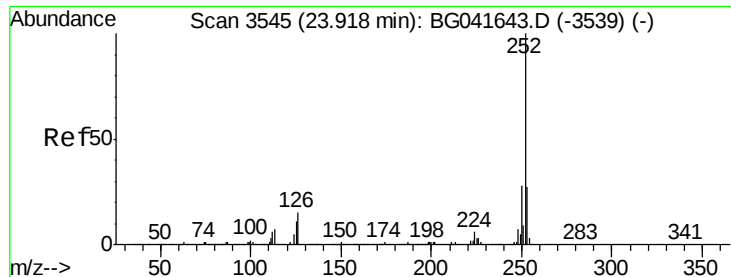


#88
Benzo(b)fluoranthene
Concen: 11.521 ng
RT: 23.84 min Scan# 3532
Delta R.T. -0.01 min
Lab File: BG041641.D
Acq: 15 Jul 2019 8:31

Tgt Ion:252 Resp: 463687

Ion	Ratio	Lower	Upper
252	100		
253	22.8	20.6	30.8
125	9.7	8.0	12.0

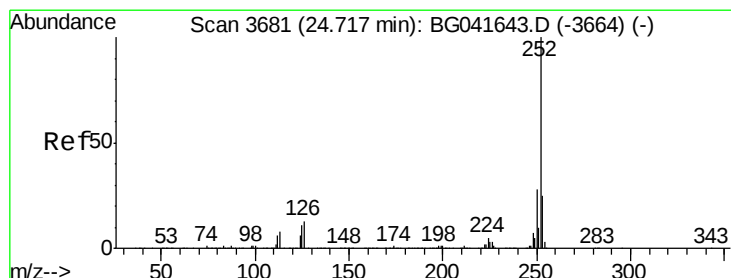
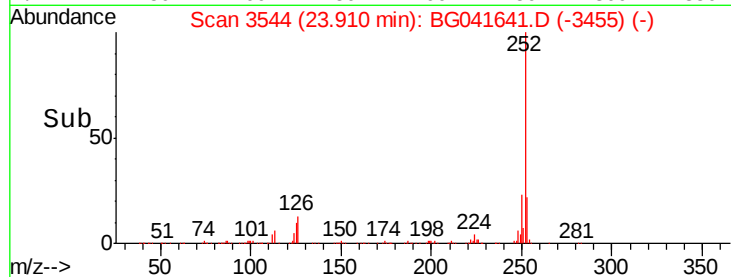
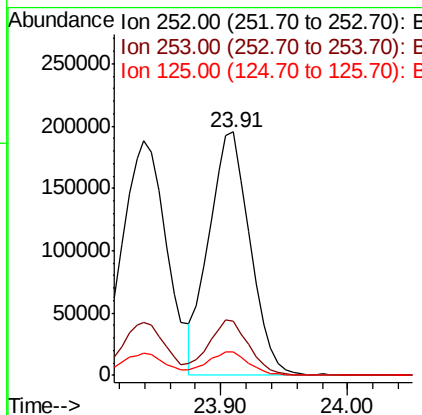
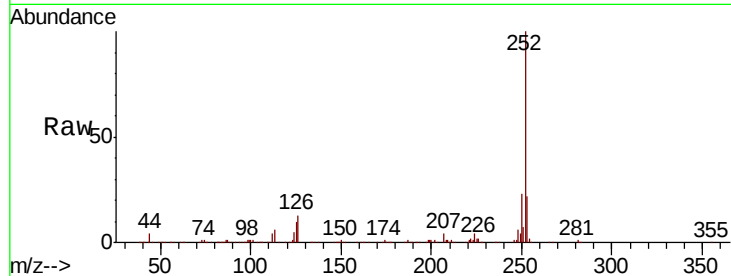




#89
Benzo(k)fluoranthene
Concen: 11.414 ng
RT: 23.91 min Scan# 3544
Delta R.T. -0.01 min
Lab File: BG041641.D
Acq: 15 Jul 2019 8:31

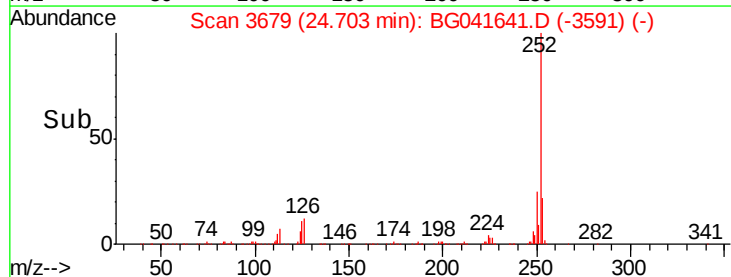
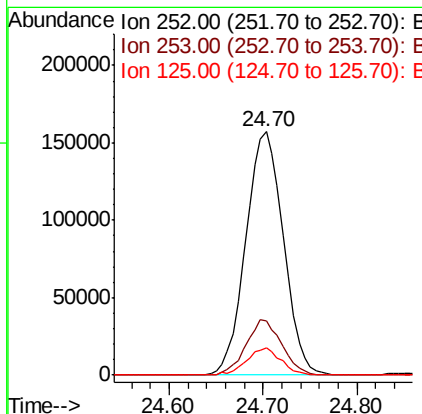
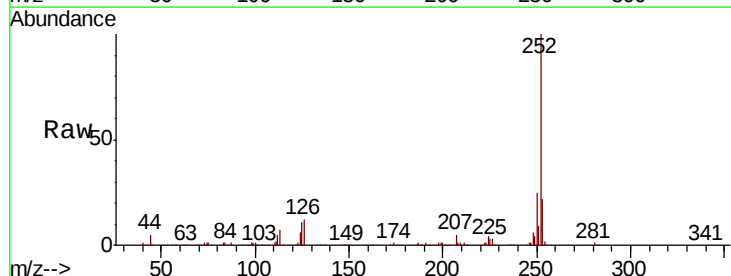
Instrument :
BNA_G
ClientSampleId :

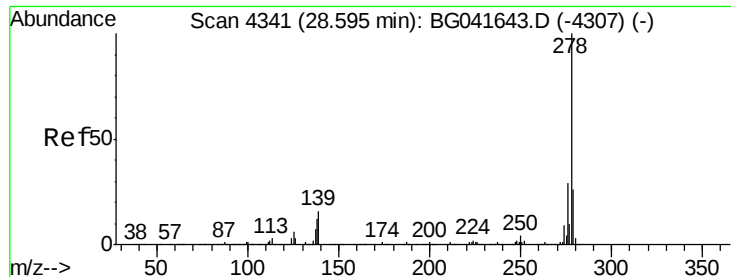
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	20.5	30.7
125	9.5	8.4	12.6



#90
Benzo(a)pyrene
Concen: 11.269 ng
RT: 24.70 min Scan# 3679
Delta R.T. -0.01 min
Lab File: BG041641.D
Acq: 15 Jul 2019 8:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	19.8	29.8
125	11.1	8.8	13.2





#91

Dibenzo(a,h)anthracene

Concen: 10.946 ng

RT: 28.56 min Scan# 4335

Delta R.T. -0.04 min

Lab File: BG041641.D

Acq: 15 Jul 2019 8:31

Instrument :

BNA_G

ClientSampleId :

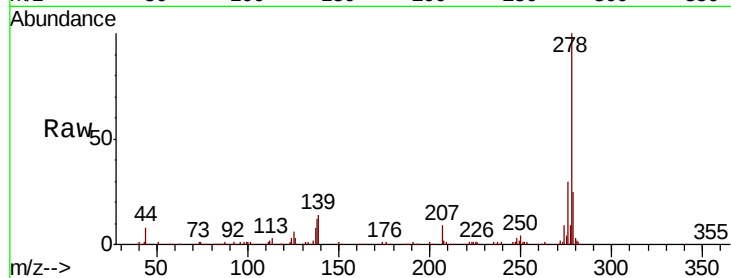
Tot Ion:278 Resp: 409955

Ion Ratio Lower Upper

278 100

139 14.4 12.6 19.0

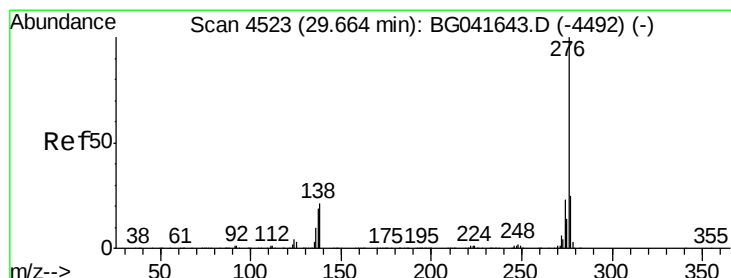
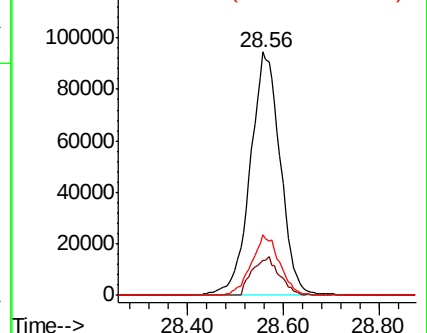
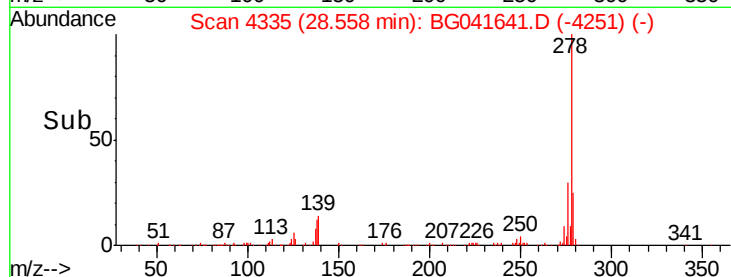
279 24.9 20.5 30.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 10.900 ng

RT: 29.63 min Scan# 4517

Delta R.T. -0.04 min

Lab File: BG041641.D

Acq: 15 Jul 2019 8:31

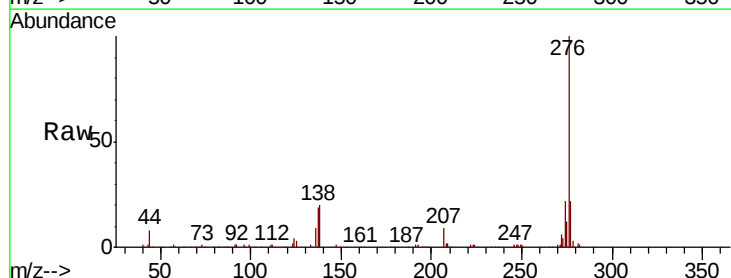
Tgt Ion:276 Resp: 407208

Ion Ratio Lower Upper

276 100

277 21.7 19.8 29.8

138 19.5 16.6 25.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

