

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071619\
 Data File : BG041664.D
 Acq On : 16 Jul 2019 12:30
 Operator : HP/JU
 Sample : K3778-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 17 01:37:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 15 16:16:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	115787	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	508893	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	336148	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	754427	20.00	ng	0.00
76) Chrysene-d12	21.66	240	603892	20.00	ng	0.00
87) Perylene-d12	24.85	264	719781	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	920935	130.02	ng	0.00
7) Phenol-d6	7.20	99	1311078	137.62	ng	0.00
23) Nitrobenzene-d5	9.21	82	795559	95.07	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	521809	137.74	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1716274	79.06	ng	0.00
79) Terphenyl-d14	20.01	244	2239631	86.67	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.48	88	88325	26.256	ng	98
3) Pyridine	3.88	79	231269	25.755	ng	100
4) n-Nitrosodimethylamine	3.80	42	149563	36.067	ng	100
6) Aniline	7.37	93	297921	23.268	ng	99
8) 2-Chlorophenol	7.62	128	352315	43.938	ng	98
9) Benzaldehyde	7.18	77	184368	29.304	ng	99
10) Phenol	7.23	94	448187	44.653	ng	98
11) bis(2-Chloroethyl)ether	7.47	93	327139	40.356	ng	97
12) 1,3-Dichlorobenzene	7.94	146	356270	37.237	ng	99
13) 1,4-Dichlorobenzene	8.09	146	360991	37.676	ng	100
14) 1,2-Dichlorobenzene	8.40	146	351113	38.867	ng	97
15) Benzyl Alcohol	8.28	79	331890	43.759	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.58	45	672857	40.057	ng	100
17) 2-Methylphenol	8.48	107	315556	45.461	ng	99
18) Hexachloroethane	9.14	117	129774	36.978	ng	98
19) n-Nitroso-di-n-propylamine	8.85	70	296233	42.543	ng	99
20) 3+4-Methylphenols	8.81	107	438732	46.123	ng	97
22) Acetophenone	8.87	105	525775	42.420	ng	99
24) Nitrobenzene	9.25	77	394034	43.166	ng	98
25) Isophorone	9.78	82	778324	42.477	ng	99
26) 2-Nitrophenol	9.96	139	197968	47.345	ng	97
27) 2,4-Dimethylphenol	10.02	122	351507	48.485	ng	100
28) bis(2-Chloroethoxy)methane	10.26	93	474200	41.990	ng	98
29) 2,4-Dichlorophenol	10.50	162	387135	46.836	ng	99
30) 1,2,4-Trichlorobenzene	10.72	180	395629	40.764	ng	99
31) Naphthalene	10.91	128	1050475	41.929	ng	99
32) Benzoic acid	10.10	122	54736	14.711	ng	97
33) 4-Chloroaniline	11.01	127	152698	13.213	ng	98
34) Hexachlorobutadiene	11.20	225	244808	39.245	ng	98
35) Caprolactam	11.77	113	70989	23.366	ng	99
36) 4-Chloro-3-methylphenol	12.12	107	405643	46.845	ng	98
37) 2-Methylnaphthalene	12.51	142	822998	42.996	ng	99
38) 1-Methylnaphthalene	12.73	142	782218	42.865	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	477109	41.436	ng	99

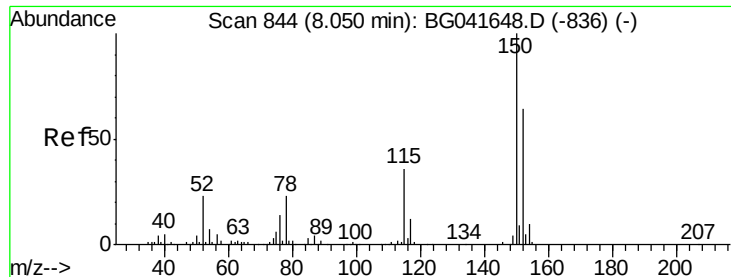
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071619\
 Data File : BG041664.D
 Acq On : 16 Jul 2019 12:30
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 15 16:16:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	586689	90.074	ng	99
43) 2,4,6-Trichlorophenol	13.10	196	343445	45.906	ng	96
44) 2,4,5-Trichlorophenol	13.17	196	365771	46.402	ng	97
46) 1,1'-Biphenyl	13.51	154	1050240	41.703	ng	99
47) 2-Chloronaphthalene	13.56	162	850750	40.534	ng	99
48) 2-Nitroaniline	13.74	65	281592	46.080	ng	99
49) Acenaphthylene	14.40	152	1347013	41.111	ng	99
50) Dimethylphthalate	14.13	163	1362676	51.615	ng	99
51) 2,6-Dinitrotoluene	14.24	165	262017	46.790	ng	96
52) Acenaphthene	14.74	154	870673	42.167	ng	99
53) 3-Nitroaniline	14.56	138	152602	24.964	ng	94
54) 2,4-Dinitrophenol	14.76	184	155170	57.260	ng	89
55) Dibenzofuran	15.07	168	1276485	41.198	ng	99
56) 4-Nitrophenol	14.87	139	459856	92.915	ng	99
57) 2,4-Dinitrotoluene	15.02	165	355492	48.024	ng	97
58) Fluorene	15.72	166	1033276	40.984	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.29	232	343592	47.215	ng	97
60) Diethylphthalate	15.49	149	1089752	40.973	ng	100
61) 4-Chlorophenyl-phenylether	15.71	204	593249	41.628	ng	99
62) 4-Nitroaniline	15.72	138	275751	42.533	ng	99
63) Azobenzene	16.00	77	981942	40.837	ng	99
65) 4,6-Dinitro-2-methylphenol	15.78	198	178375	49.555	ng	96
66) n-Nitrosodiphenylamine	15.92	169	975143	44.015	ng	100
67) 4-Bromophenyl-phenylether	16.60	248	393811	43.870	ng	98
68) Hexachlorobenzene	16.72	284	383990	42.479	ng	98
69) Atrazine	16.86	200	366156	45.542	ng	99
70) Pentachlorophenol	17.06	266	509626	90.167	ng	99
71) Phenanthrene	17.45	178	1570460	41.335	ng	100
72) Anthracene	17.54	178	1609748	42.506	ng	99
73) Carbazole	17.80	167	1448004	41.227	ng	99
74) Di-n-butylphthalate	18.37	149	1600272	37.356	ng	98
75) Fluoranthene	19.45	202	1735634	37.204	ng	96
77) Benzidine	19.62	184	613588	26.364	ng	98
78) Pyrene	19.81	202	1719249	42.094	ng	96
80) Butylbenzylphthalate	20.70	149	713296	42.028	ng	97
81) Benzo(a)anthracene	21.64	228	1609682	41.255	ng	97
82) 3,3'-Dichlorobenzidine	21.55	252	339272	22.097	ng	97
83) Chrysene	21.70	228	1560448	41.854	ng	97
84) Bis(2-ethylhexyl)phthalate	21.57	149	1002065	41.817	ng	98
85) Di-n-octyl phthalate	22.78	149	1735827	42.535	ng	98
86) Indeno(1,2,3-cd)pyrene	28.51	276	2082750	42.338	ng	# 93
88) Benzo(b)fluoranthene	23.84	252	1789914	40.997	ng	98
89) Benzo(k)fluoranthene	23.91	252	1734696	42.879	ng	99
90) Benzo(a)pyrene	24.71	252	1765925	42.750	ng	98
91) Dibenzo(a,h)anthracene	28.58	278	1702517	42.507	ng	97
92) Benzo(g,h,i)perylene	29.64	276	1707747	42.548	ng	98

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

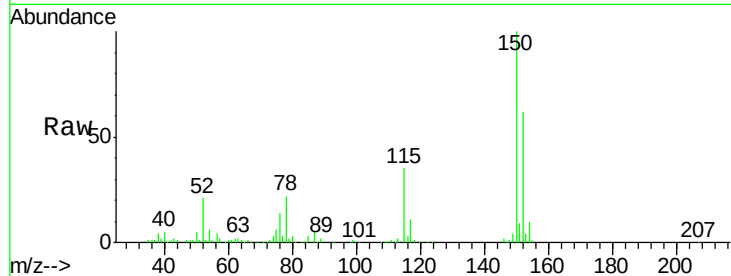


#1

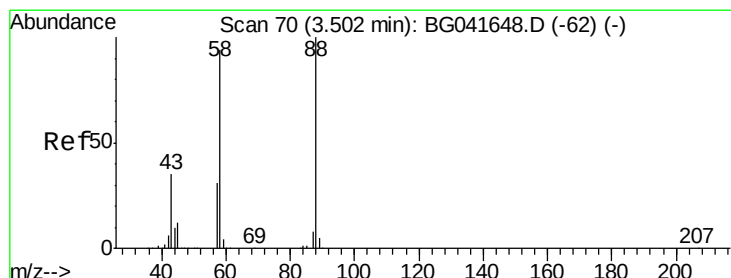
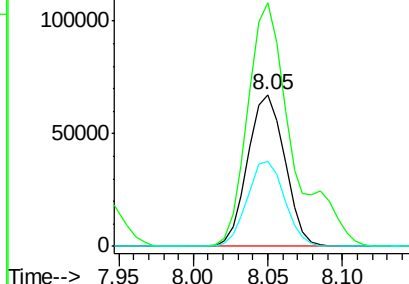
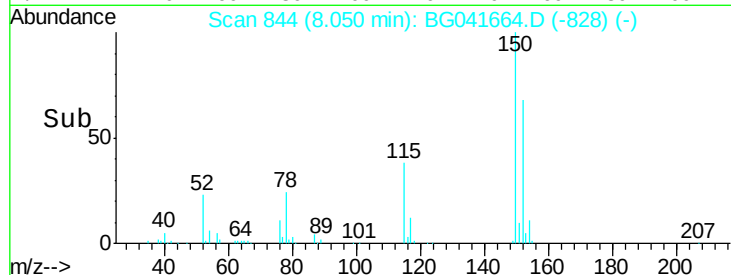
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.00 min
Lab File: BG041664.D
Acq: 16 Jul 2019 12:30

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 115787
Ion Ratio Lower Upper
152 100
150 160.6 126.9 190.3
115 55.6 45.0 67.6



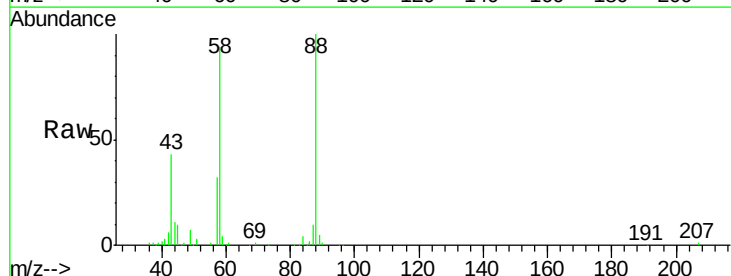
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



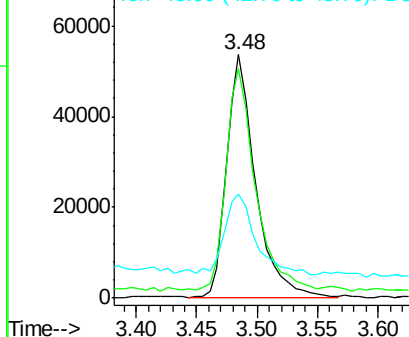
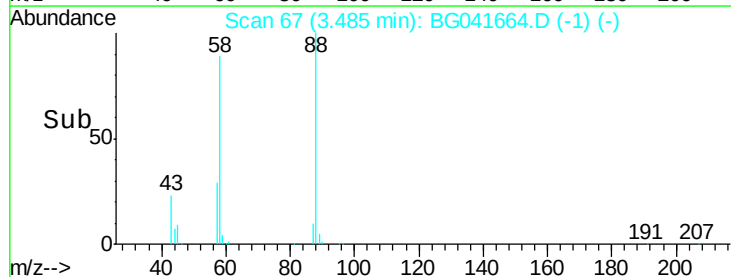
#2

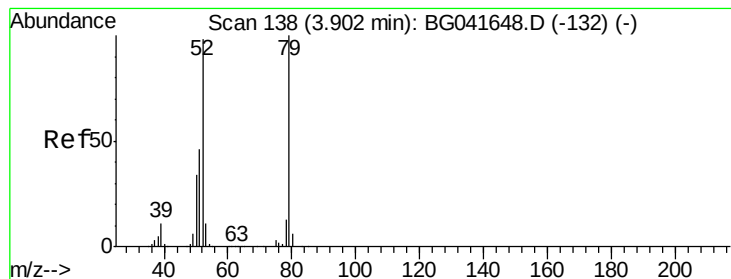
1,4-Dioxane
Concen: 26.256 ng
RT: 3.48 min Scan# 67
Delta R.T. -0.01 min
Lab File: BG041664.D
Acq: 16 Jul 2019 12:30

Tgt Ion: 88 Resp: 88325
Ion Ratio Lower Upper
88 100
58 93.1 76.2 114.2
43 34.8 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: 25.755 ng

RT: 3.88 min Scan# 135

Delta R.T. -0.01 min

Lab File: BG041664.D

Acq: 16 Jul 2019 12:30

Instrument :

BNA_G

ClientSampleId :

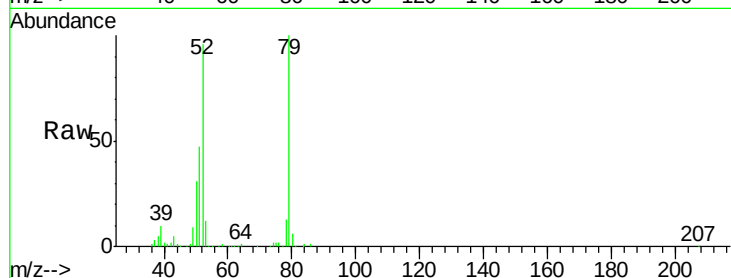
Tot Ion: 79 Resp: 231269

Ion Ratio Lower Upper

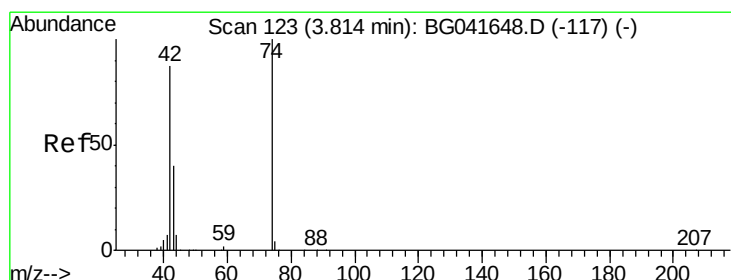
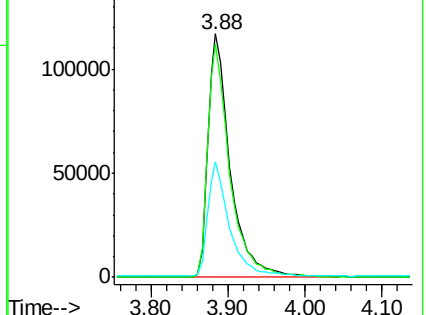
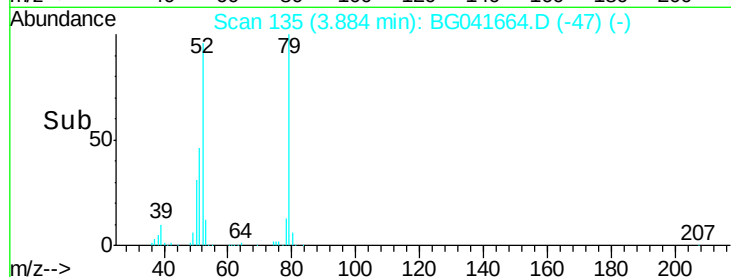
79 100

52 95.9 77.1 115.7

51 47.2 37.8 56.8



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



#4

n-Nitrosodimethylamine

Concen: 36.067 ng

RT: 3.80 min Scan# 120

Delta R.T. -0.01 min

Lab File: BG041664.D

Acq: 16 Jul 2019 12:30

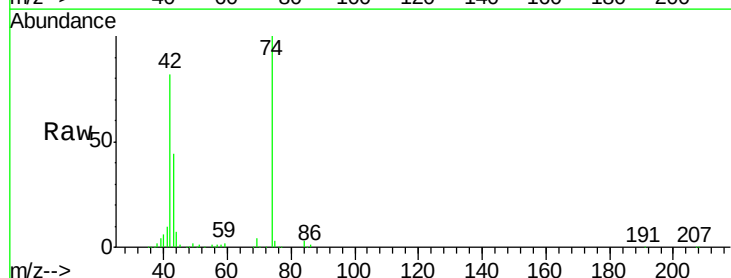
Tgt Ion: 42 Resp: 149563

Ion Ratio Lower Upper

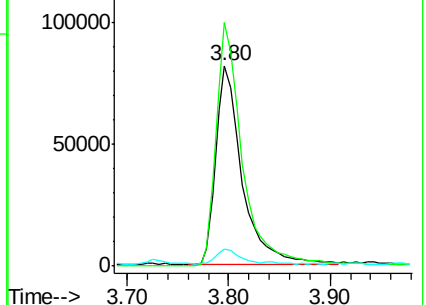
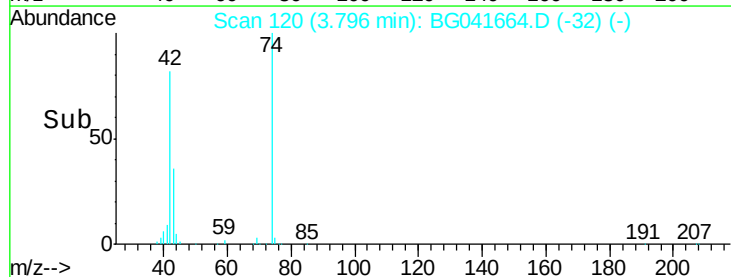
42 100

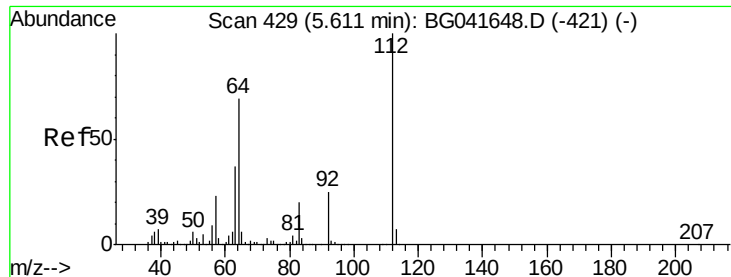
74 121.6 97.4 146.2

44 8.4 6.6 9.8



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





#5

2-Fluorophenol

Concen: 130.023 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.00 min

Lab File: BG041664.D

Acq: 16 Jul 2019 12:30

Instrument :

BNA_G

ClientSampleId :

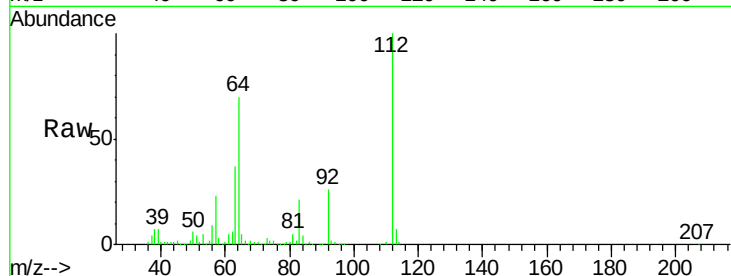
Tot Ion:112 Resp: 920935

Ion Ratio Lower Upper

112 100

64 70.5 55.4 83.2

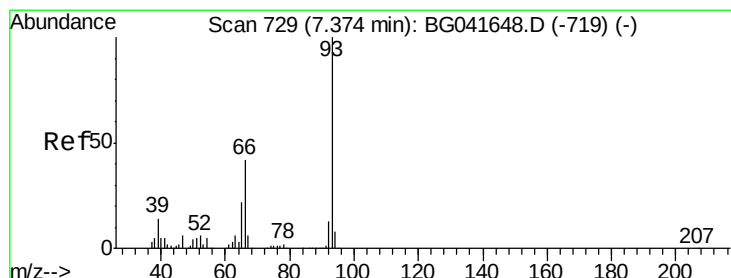
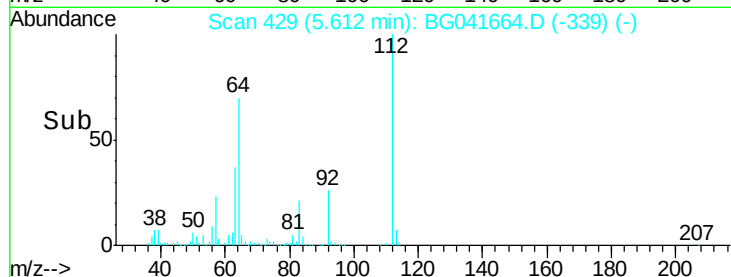
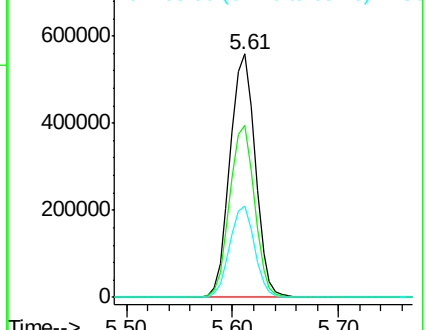
63 37.4 29.1 43.7



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: 23.268 ng

RT: 7.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BG041664.D

Acq: 16 Jul 2019 12:30

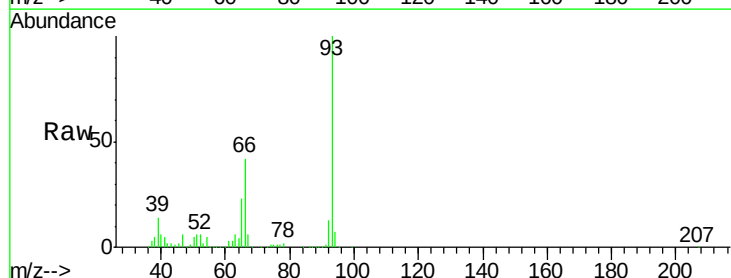
Tgt Ion: 93 Resp: 297921

Ion Ratio Lower Upper

93 100

66 41.9 34.2 51.2

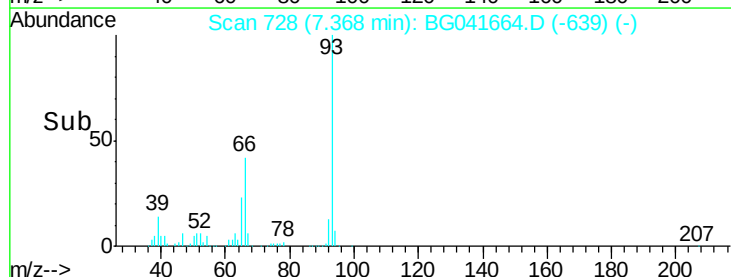
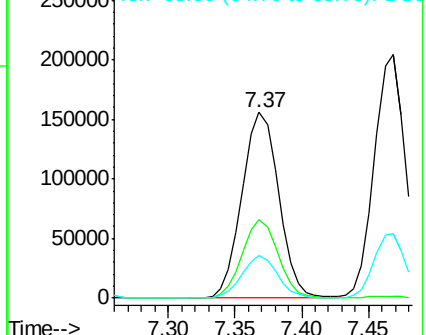
65 22.7 18.2 27.2

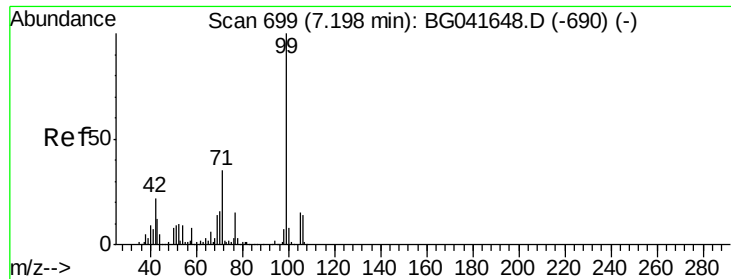


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 137.621 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG041664.D

Acq: 16 Jul 2019 12:30

Instrument :

BNA_G

ClientSampleId :

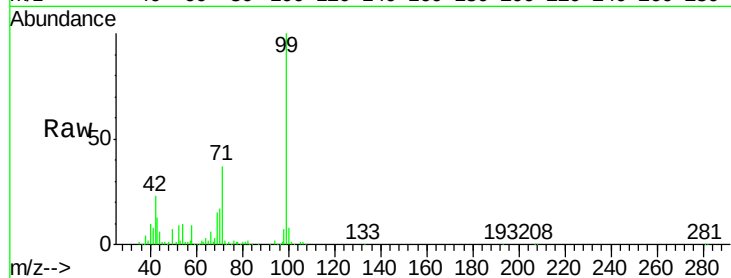
Tot Ion: 99 Resp: 1311078

Ion Ratio Lower Upper

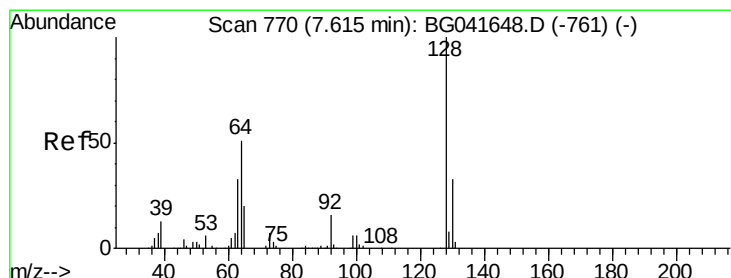
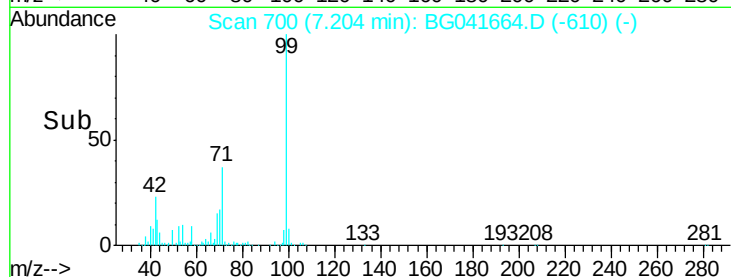
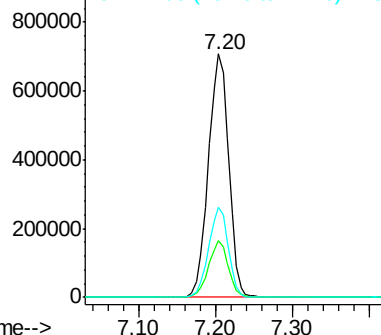
99 100

42 23.1 17.6 26.4

71 37.2 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: 43.938 ng

RT: 7.62 min Scan# 770

Delta R.T. 0.00 min

Lab File: BG041664.D

Acq: 16 Jul 2019 12:30

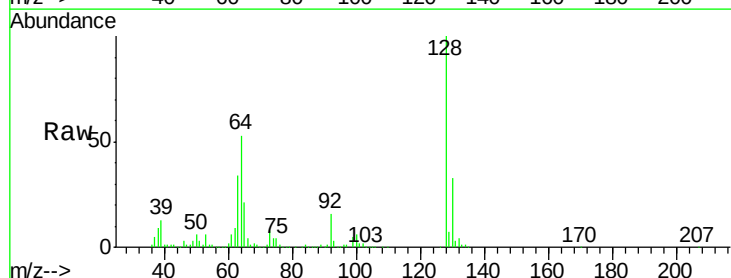
Tgt Ion:128 Resp: 352315

Ion Ratio Lower Upper

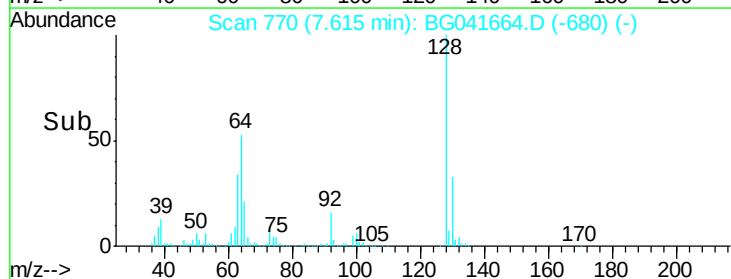
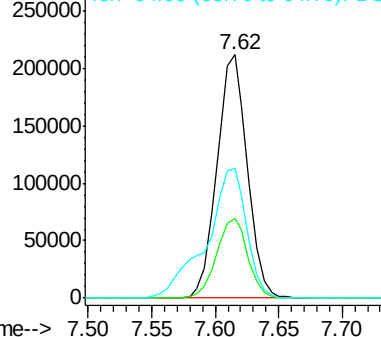
128 100

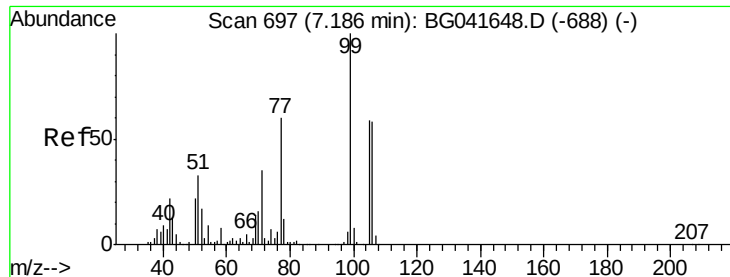
130 32.9 12.4 52.4

64 53.1 34.9 74.9



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





#9

Benzaldehyde

Concen: 29.304 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.00 min

Lab File: BG041664.D

Acq: 16 Jul 2019 12:30

Instrument :

BNA_G

ClientSampleId :

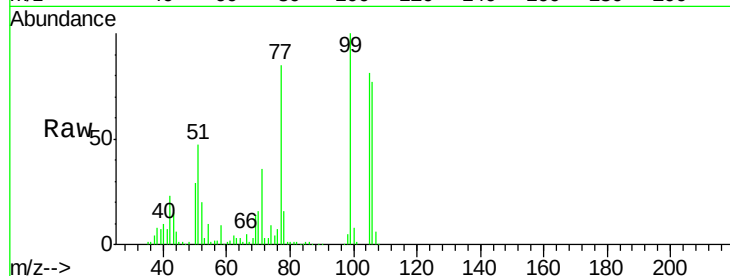
Tot Ion: 77 Resp: 184368

Ion Ratio Lower Upper

77 100

105 95.9 74.6 114.6

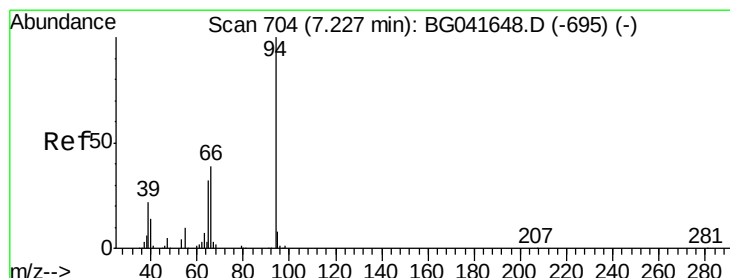
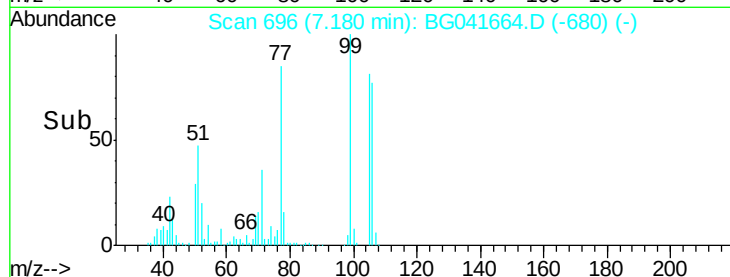
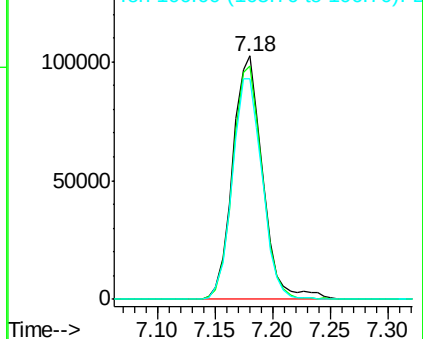
106 90.8 71.1 111.1



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: 44.653 ng

RT: 7.23 min Scan# 705

Delta R.T. 0.00 min

Lab File: BG041664.D

Acq: 16 Jul 2019 12:30

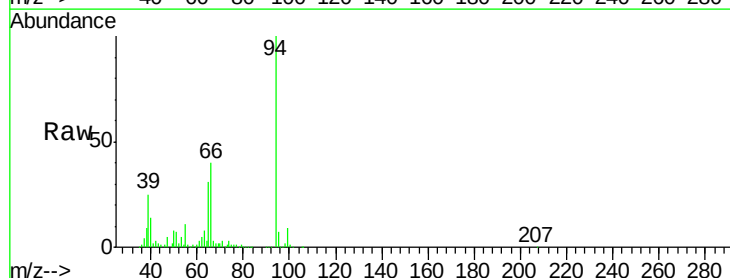
Tgt Ion: 94 Resp: 448187

Ion Ratio Lower Upper

94 100

65 31.5 10.6 50.6

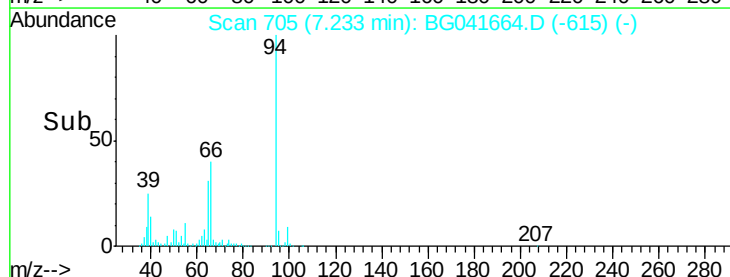
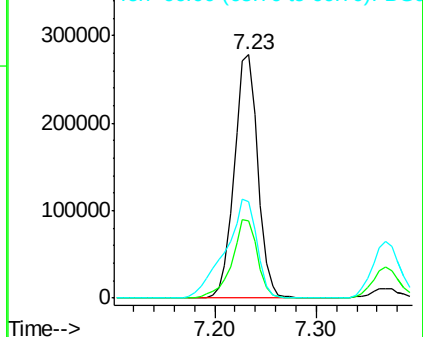
66 39.7 18.2 58.2

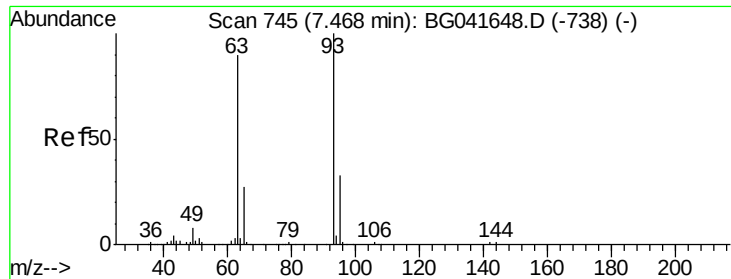


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

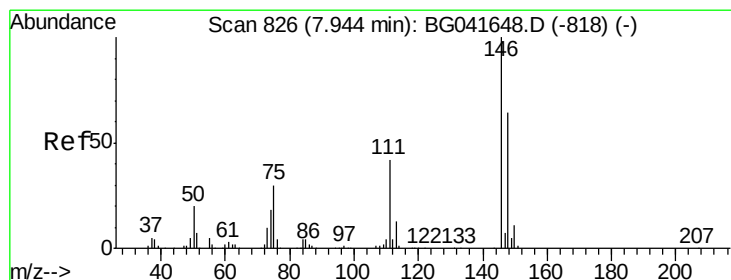
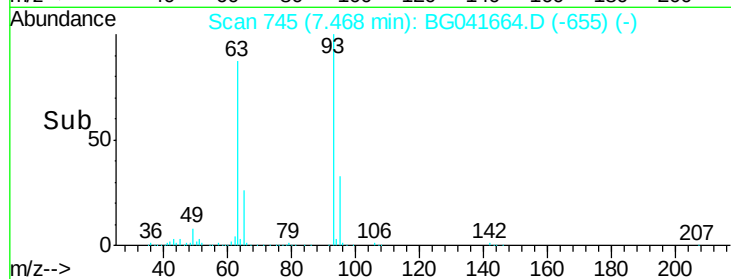
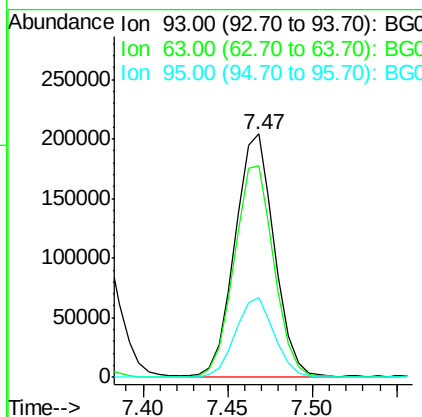
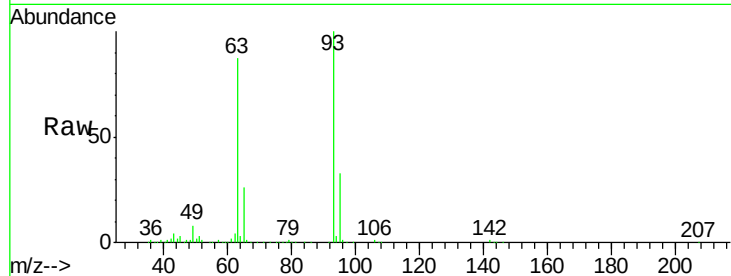




#11
 bis(2-Chloroethyl)ether
 Concen: 40.356 ng
 RT: 7.47 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BG041664.D
 Acq: 16 Jul 2019 12:30

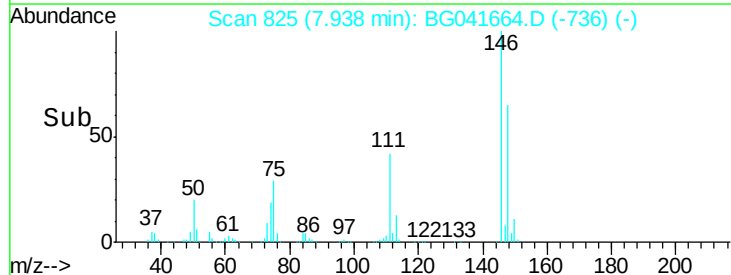
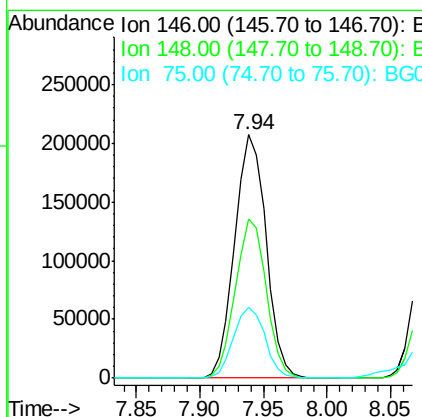
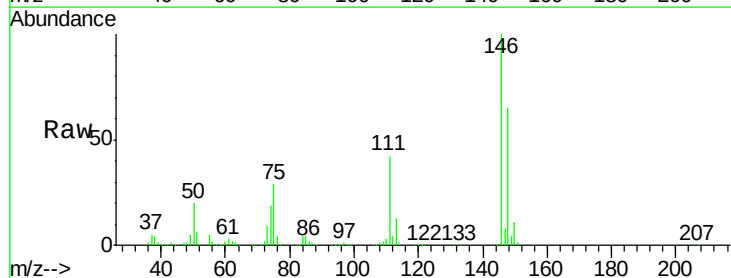
Instrument :
 BNA_G
 ClientSampled :

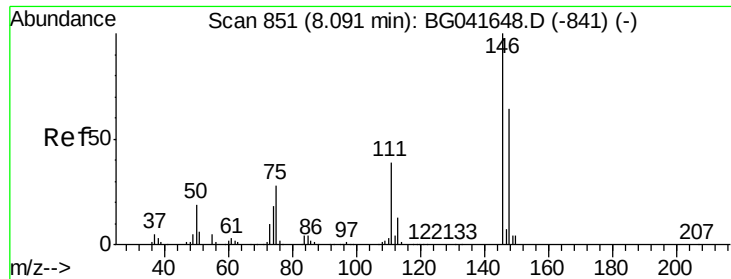
Tot Ion: 93 Resp: 327139
 Ion Ratio Lower Upper
 93 100
 63 86.8 70.4 110.4
 95 32.7 12.8 52.8



#12
 1,3-Dichlorobenzene
 Concen: 37.237 ng
 RT: 7.94 min Scan# 825
 Delta R.T. -0.00 min
 Lab File: BG041664.D
 Acq: 16 Jul 2019 12:30

Tgt Ion: 146 Resp: 356270
 Ion Ratio Lower Upper
 146 100
 148 65.2 51.5 77.3
 75 28.8 23.2 34.8

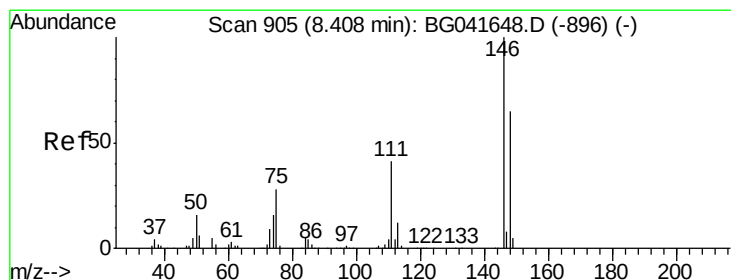
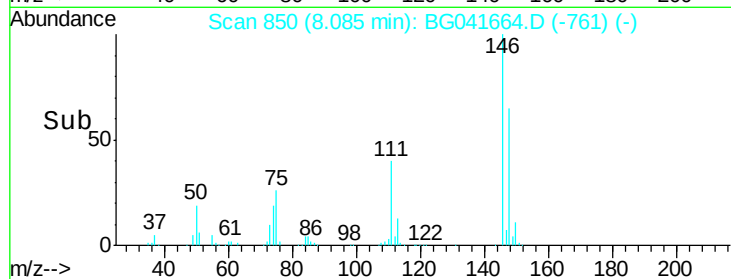
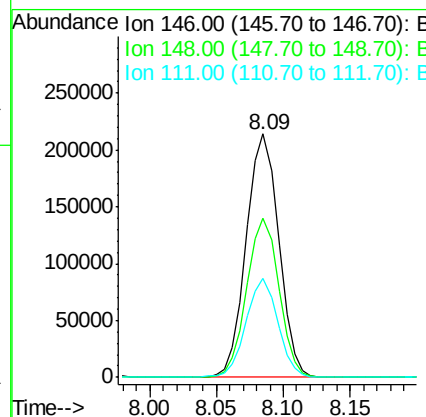
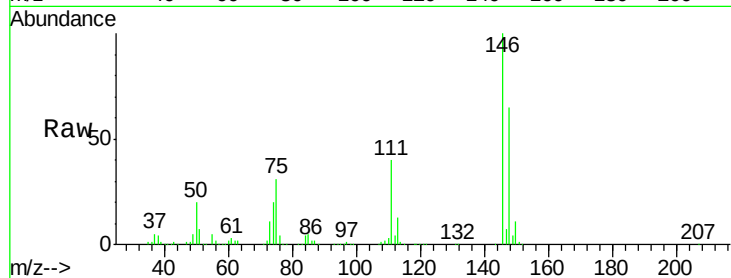




#13
 1,4-Dichlorobenzene
 Concen: 37.676 ng
 RT: 8.09 min Scan# 850
 Delta R.T. -0.00 min
 Lab File: BG041664.D
 Acq: 16 Jul 2019 12:30

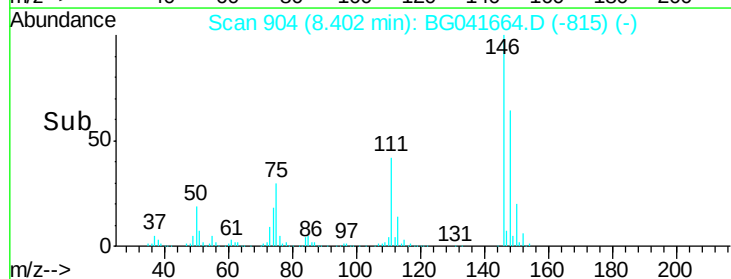
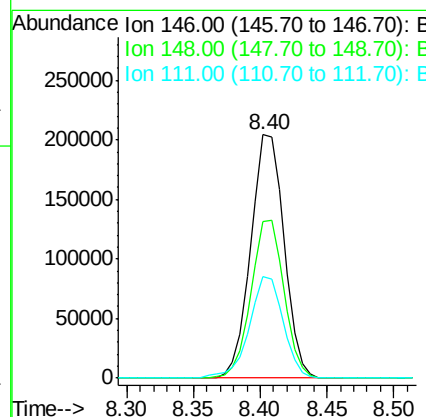
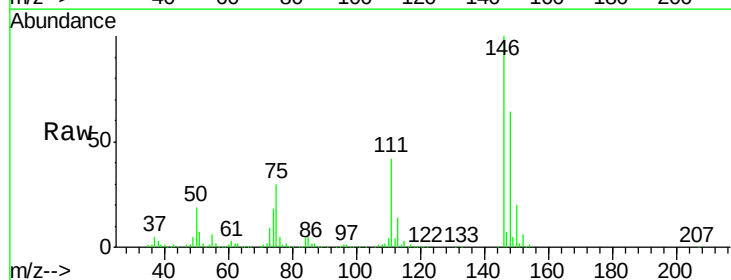
Instrument :
 BNA_G
 ClientSampleId :

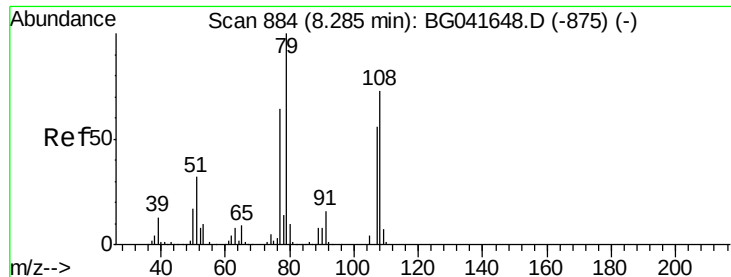
Tot Ion:146 Resp: 360991
 Ion Ratio Lower Upper
 146 100
 148 65.4 52.6 79.0
 111 40.4 32.5 48.7



#14
 1,2-Dichlorobenzene
 Concen: 38.867 ng
 RT: 8.40 min Scan# 904
 Delta R.T. -0.00 min
 Lab File: BG041664.D
 Acq: 16 Jul 2019 12:30

Tgt Ion:146 Resp: 351113
 Ion Ratio Lower Upper
 146 100
 148 64.1 53.5 80.3
 111 41.9 35.4 53.0





#15

Benzyl Alcohol

Concen: 43.759 ng

RT: 8.28 min Scan# 883

Delta R.T. -0.00 min

Lab File: BG041664.D

Acq: 16 Jul 2019 12:30

Instrument :

BNA_G

ClientSampled :

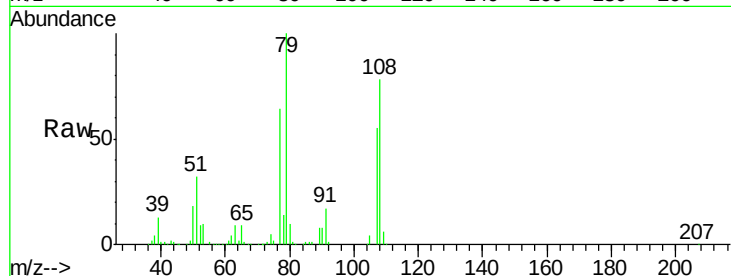
Tot Ion: 79 Resp: 331890

Ion Ratio Lower Upper

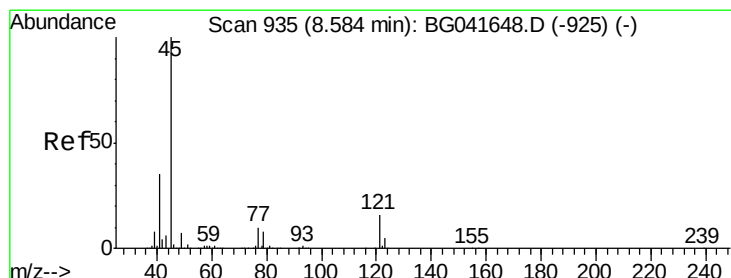
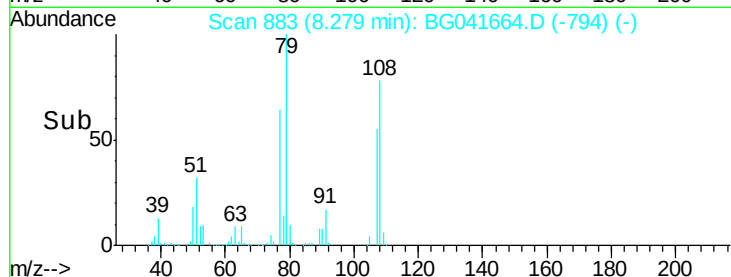
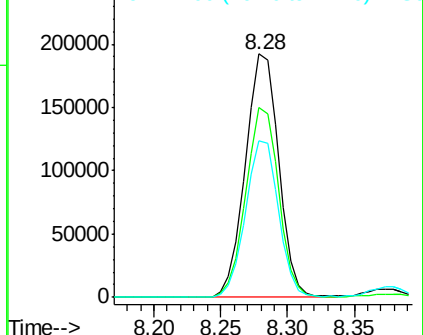
79 100

108 77.7 60.5 90.7

77 64.3 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: 40.057 ng

RT: 8.58 min Scan# 934

Delta R.T. -0.00 min

Lab File: BG041664.D

Acq: 16 Jul 2019 12:30

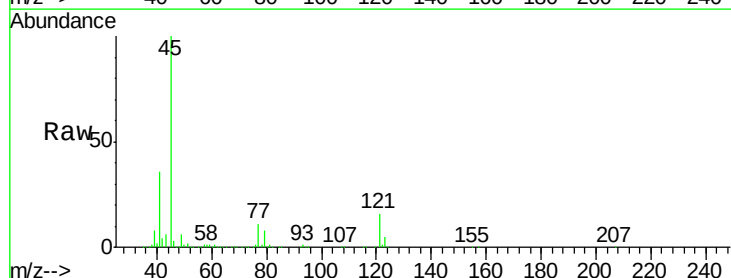
Tgt Ion: 45 Resp: 672857

Ion Ratio Lower Upper

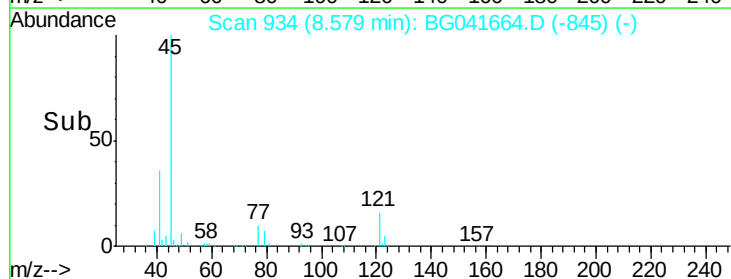
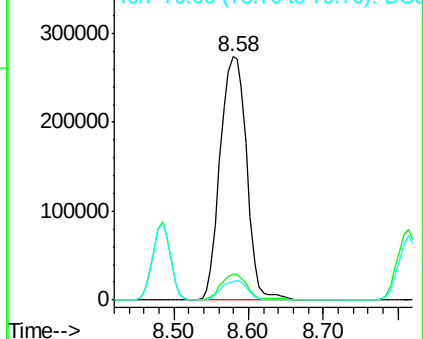
45 100

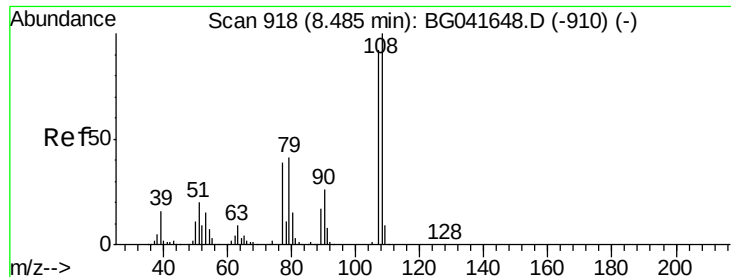
77 10.5 0.0 30.4

79 7.8 0.0 27.9



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





#17

2-Methylphenol

Concen: 45.461 ng

RT: 8.48 min Scan# 918

Delta R.T. 0.00 min

Lab File: BG041664.D

Acq: 16 Jul 2019 12:30

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 315556

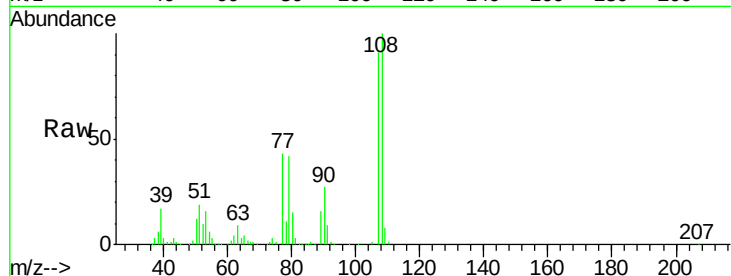
Ion Ratio Lower Upper

107 100

108 109.7 87.6 131.4

77 47.0 36.1 54.1

79 46.0 36.4 54.6

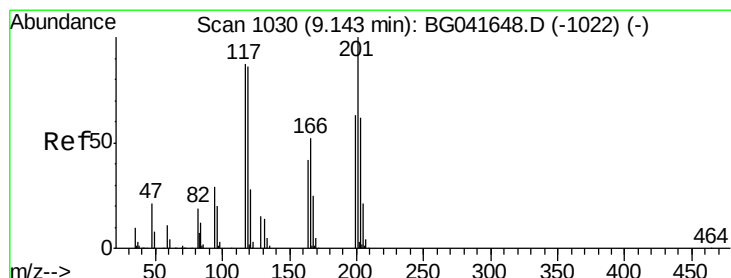
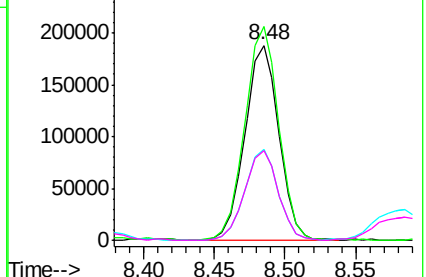
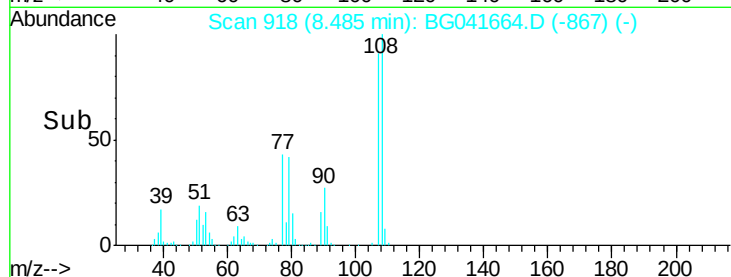


Abundance Ion 107.00 (106.70 to 107.70): E

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: 36.978 ng

RT: 9.14 min Scan# 1030

Delta R.T. -0.00 min

Lab File: BG041664.D

Acq: 16 Jul 2019 12:30

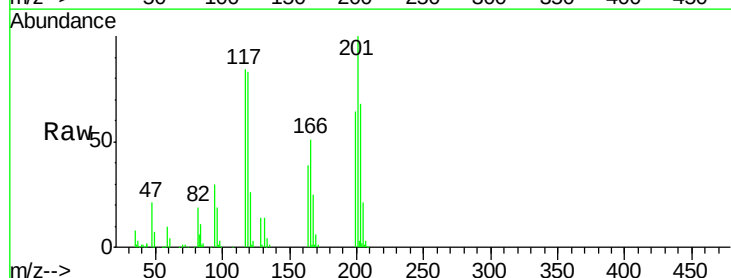
Tgt Ion:117 Resp: 129774

Ion Ratio Lower Upper

117 100

119 99.0 76.2 114.2

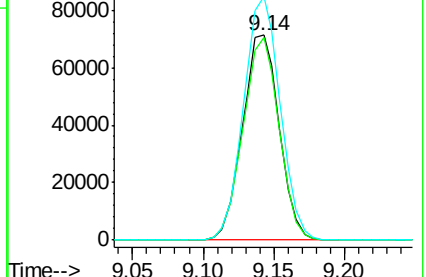
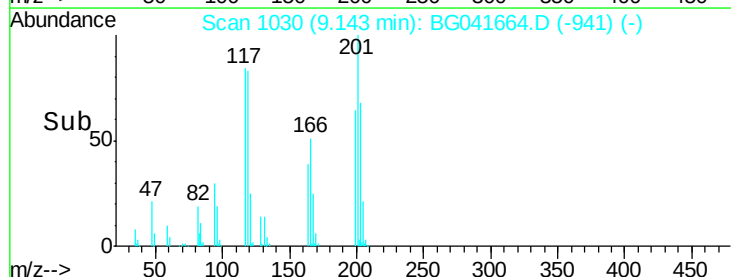
201 118.7 94.1 141.1

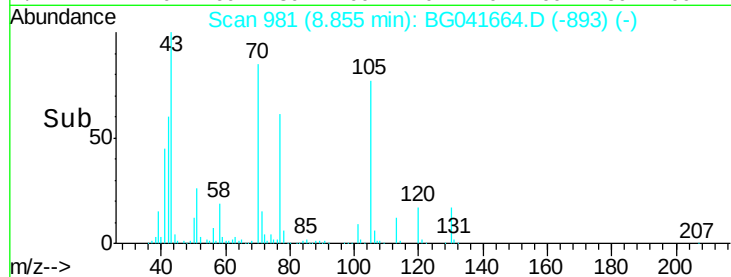
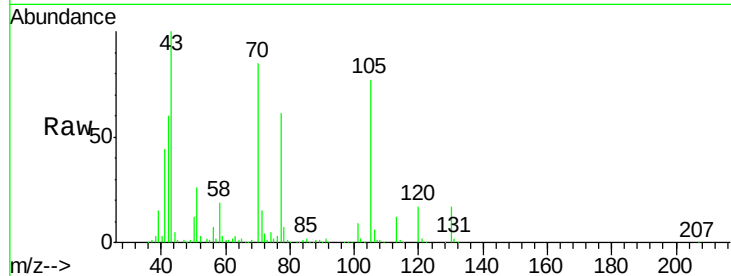
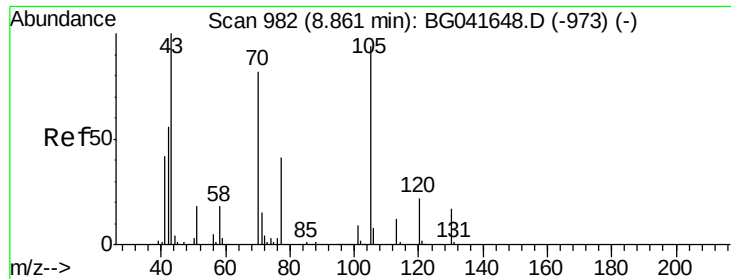


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

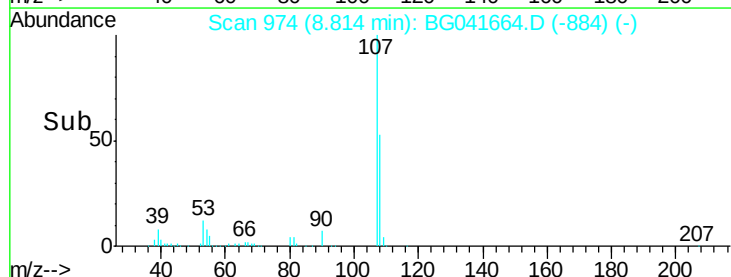
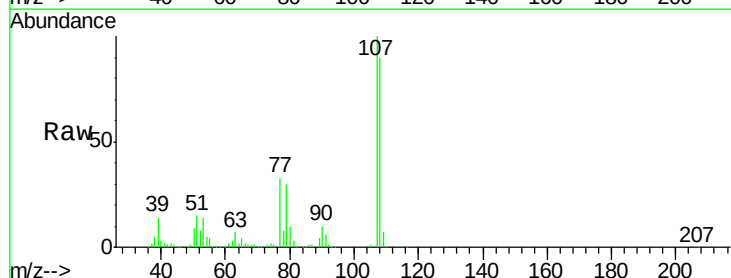
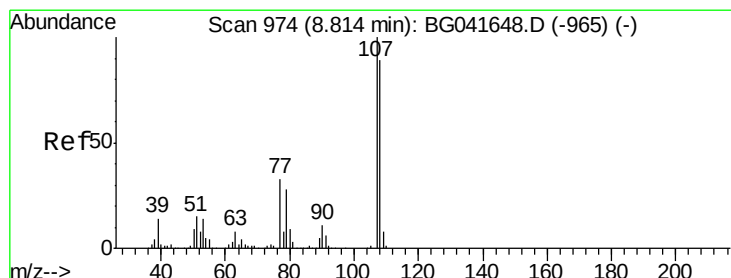
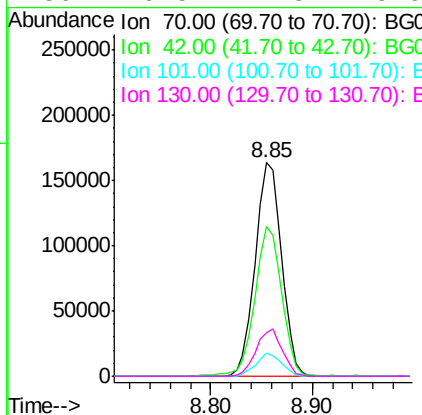




#19
n-Nitroso-di-n-propylamine
Concen: 42.543 ng
RT: 8.85 min Scan# 981
Delta R.T. -0.01 min
Lab File: BG041664.D
Acq: 16 Jul 2019 12:30

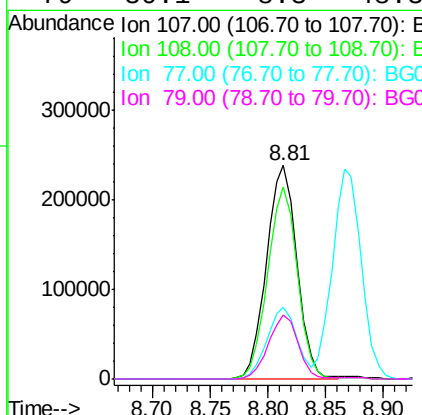
Instrument :
BNA_G
ClientSampled :

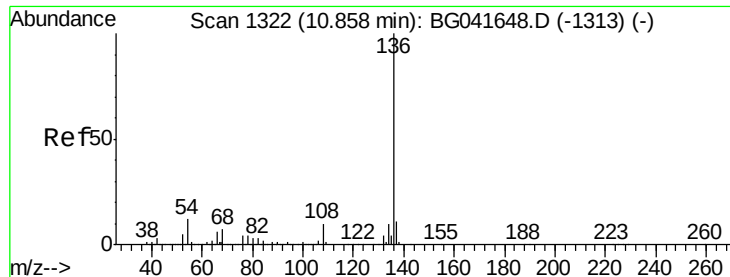
Tot Ion: 70 Resp: 296233
Ion Ratio Lower Upper
70 100
42 70.4 55.8 83.6
101 10.8 8.1 12.1
130 20.5 17.3 25.9



#20
3+4-Methylphenols
Concen: 46.123 ng
RT: 8.81 min Scan# 974
Delta R.T. 0.00 min
Lab File: BG041664.D
Acq: 16 Jul 2019 12:30

Tgt Ion: 107 Resp: 438732
Ion Ratio Lower Upper
107 100
108 89.8 67.5 107.5
77 33.4 12.3 52.3
79 30.1 8.3 48.3

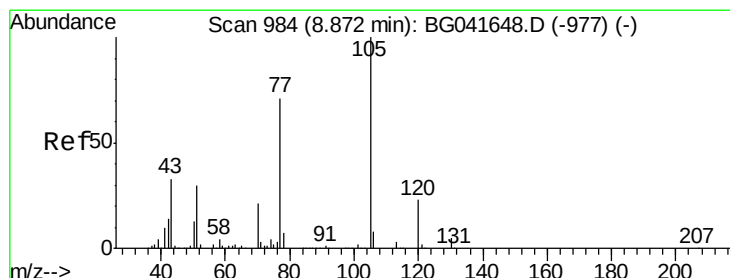
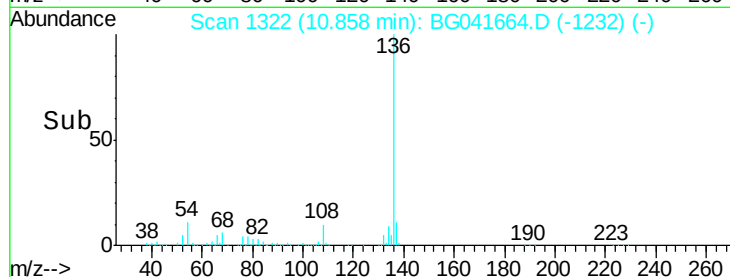
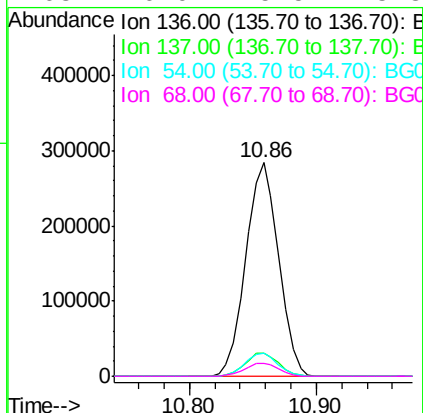
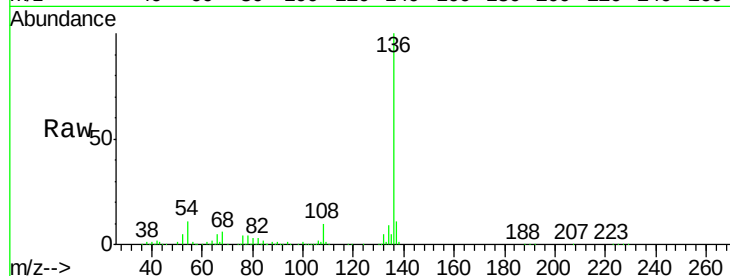




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BG041664.D
Acq: 16 Jul 2019 12:30

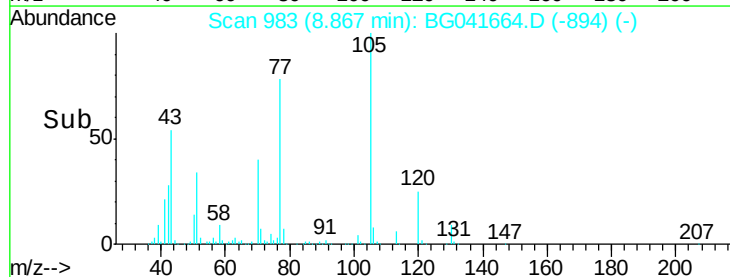
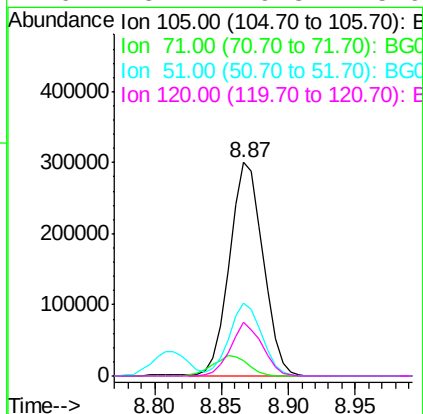
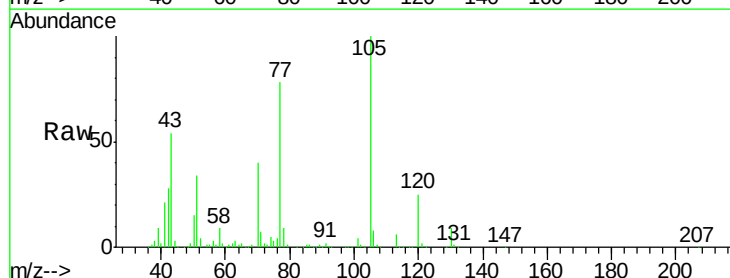
Instrument :
BNA_G
ClientSampleId :

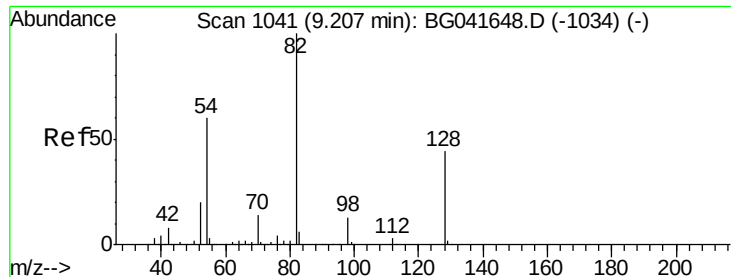
Tot Ion:136	Resp: 508893
Ion Ratio	Lower Upper
136 100	
137 10.9	9.2 13.8
54 11.0	8.7 13.1
68 6.0	5.5 8.3



#22
Acetophenone
Concen: 42.420 ng
RT: 8.87 min Scan# 983
Delta R.T. -0.00 min
Lab File: BG041664.D
Acq: 16 Jul 2019 12:30

Tgt	Ion:105	Resp:	525775
Ion	Ratio	Lower	Upper
105	100		
71	6.9	5.9	8.9
51	34.2	27.7	41.5
120	25.2	19.3	28.9

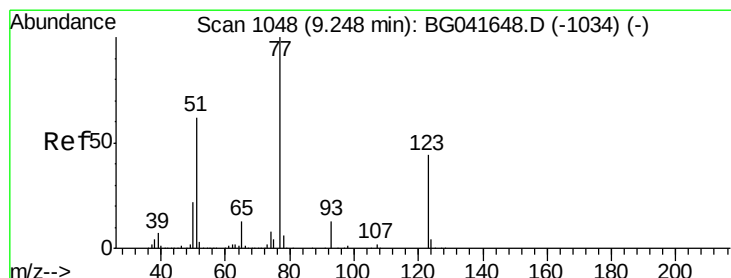
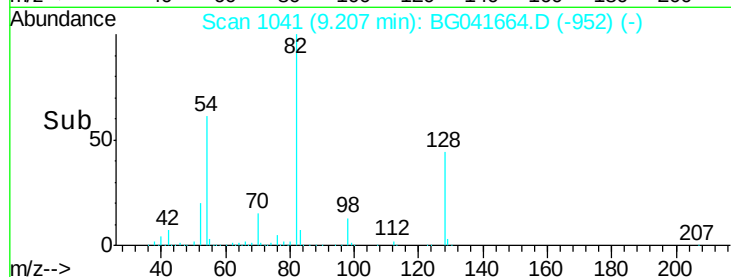
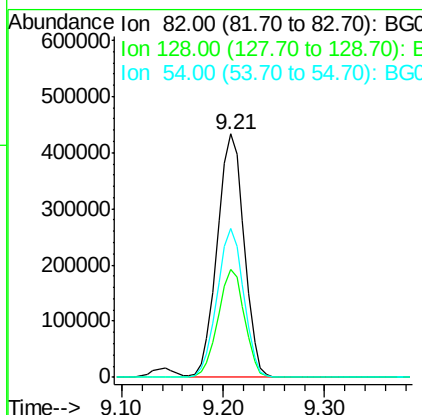
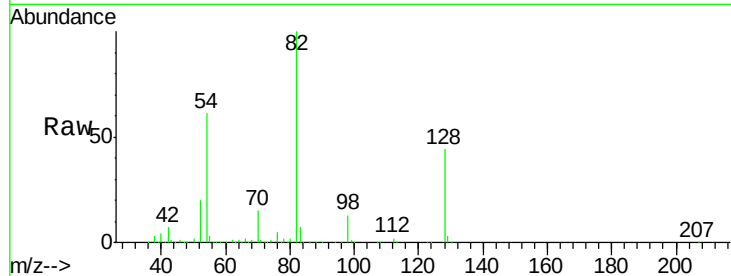




#23
 Nitrobenzene-d5
 Concen: 95.073 ng
 RT: 9.21 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BG041664.D
 Acq: 16 Jul 2019 12:30

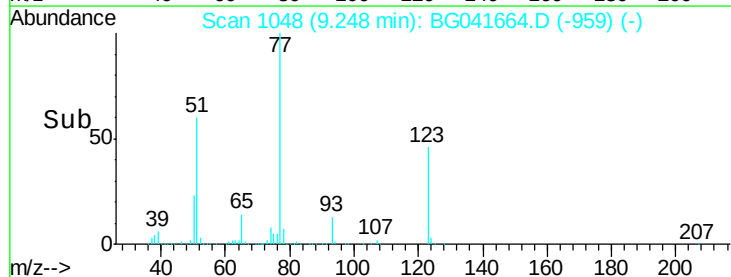
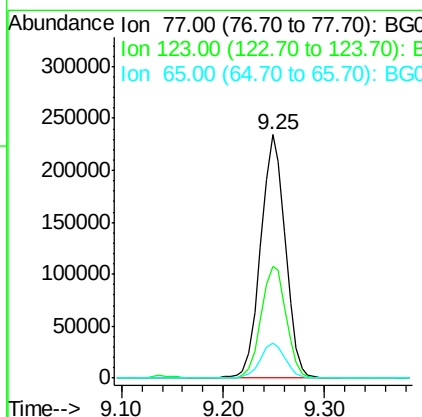
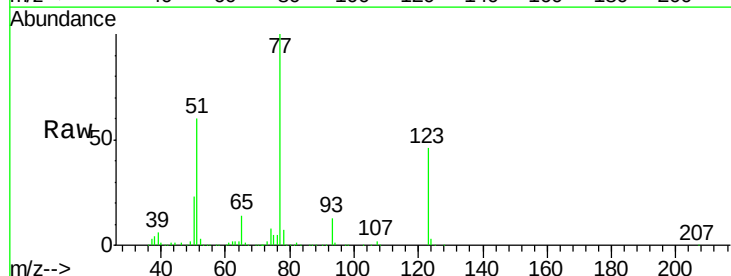
Instrument :
 BNA_G
 ClientSampled :

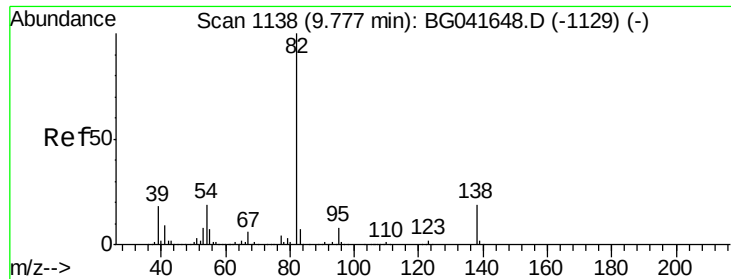
Tot Ion	82	Resp	795559
Ion Ratio	Lower	Upper	
82	100		
128	44.2	35.1	52.7
54	61.2	48.7	73.1



#24
 Nitrobenzene
 Concen: 43.166 ng
 RT: 9.25 min Scan# 1048
 Delta R.T. -0.00 min
 Lab File: BG041664.D
 Acq: 16 Jul 2019 12:30

Tgt Ion	77	Resp	394034
Ion Ratio	Lower	Upper	
77	100		
123	45.7	38.1	57.1
65	14.2	11.0	16.6





#25

Isophorone

Concen: 42.477 ng

RT: 9.78 min Scan# 1138

Delta R.T. -0.00 min

Lab File: BG041664.D

Acq: 16 Jul 2019 12:30

Instrument :

BNA_G

ClientSampled :

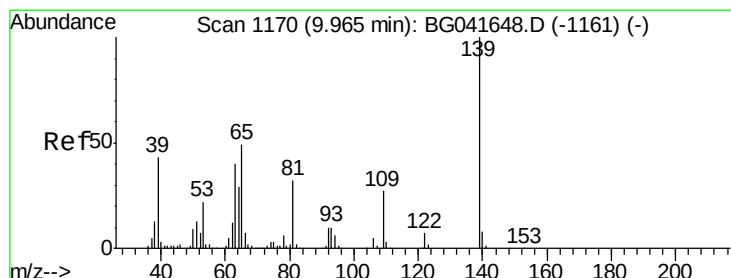
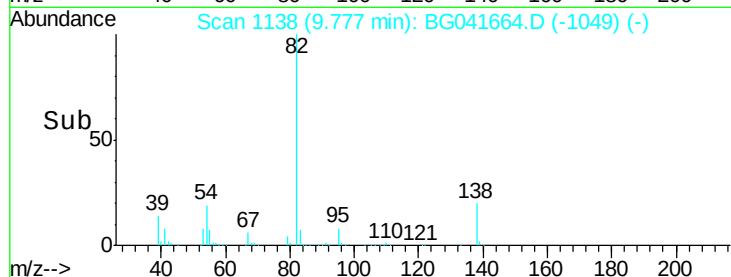
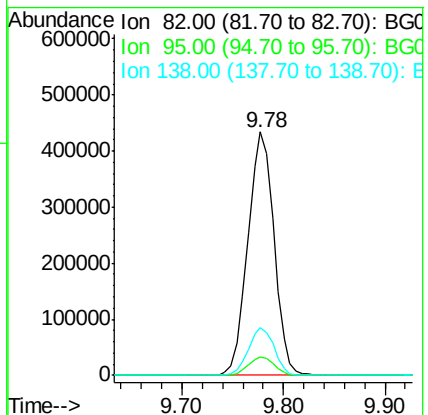
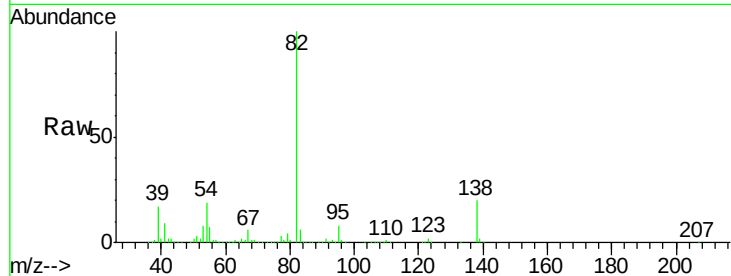
Tot Ion: 82 Resp: 778324

Ion Ratio Lower Upper

82 100

95 7.7 5.9 8.9

138 19.7 16.3 24.5



#26

2-Nitrophenol

Concen: 47.345 ng

RT: 9.96 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BG041664.D

Acq: 16 Jul 2019 12:30

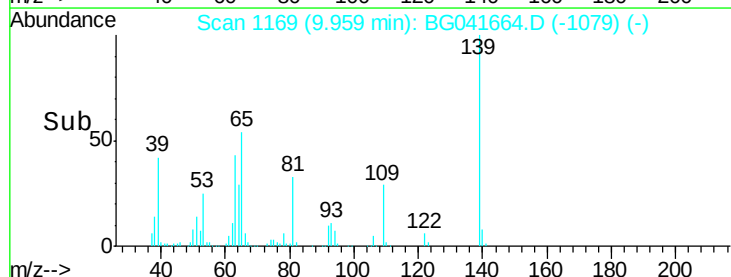
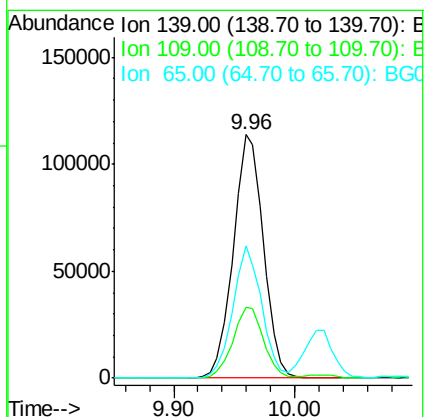
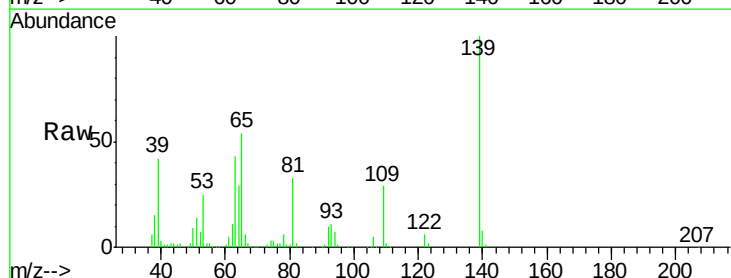
Tgt Ion: 139 Resp: 197968

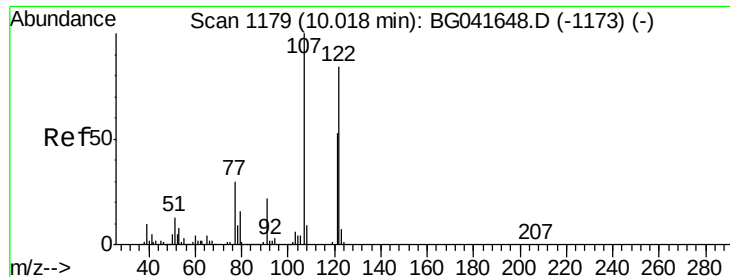
Ion Ratio Lower Upper

139 100

109 29.2 22.7 34.1

65 54.3 41.1 61.7

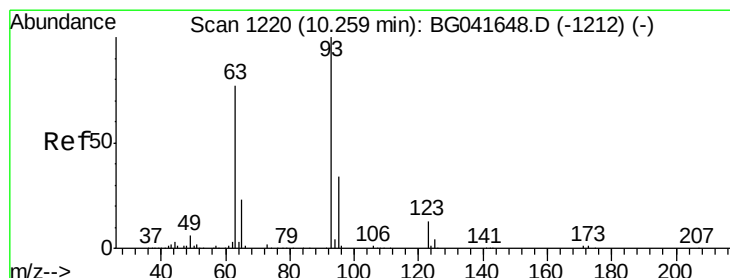
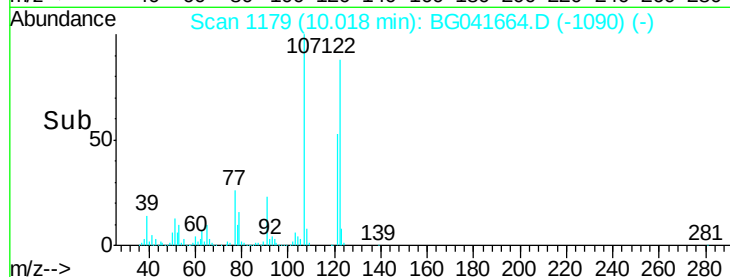
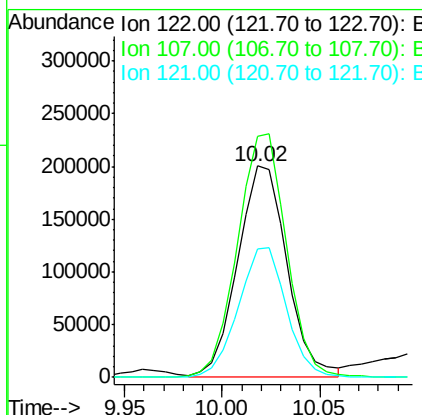
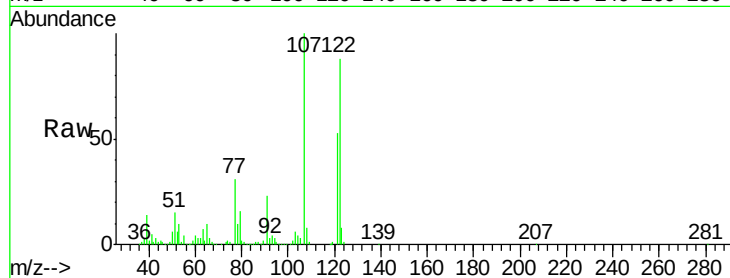




#27
 2,4-Dimethylphenol
 Concen: 48.485 ng
 RT: 10.02 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: BG041664.D
 Acq: 16 Jul 2019 12:30

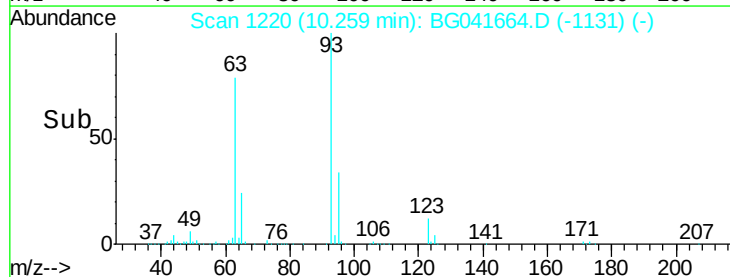
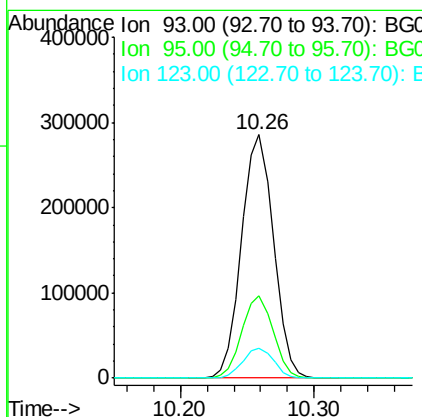
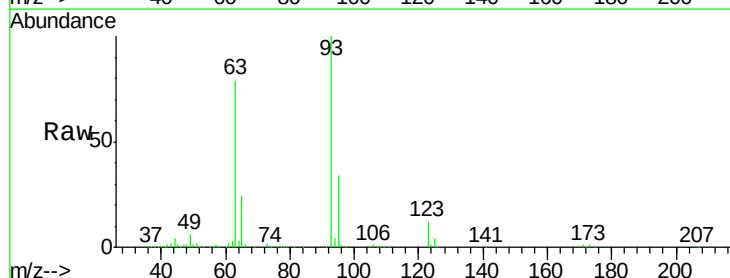
Instrument :
 BNA_G
 ClientSampleId :

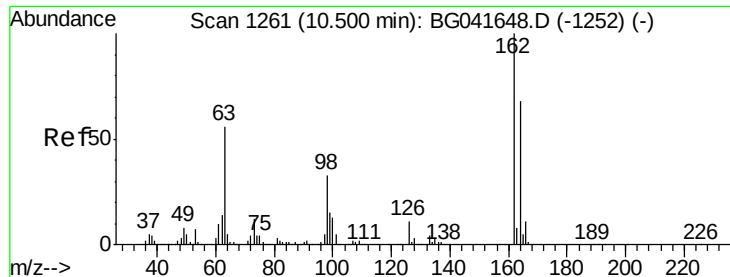
Tot Ion	Ratio	Lower	Upper
122	100		
107	113.9	91.3	136.9
121	60.9	49.2	73.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.990 ng
 RT: 10.26 min Scan# 1220
 Delta R.T. -0.00 min
 Lab File: BG041664.D
 Acq: 16 Jul 2019 12:30

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.9	26.2	39.4
123	12.2	9.9	14.9

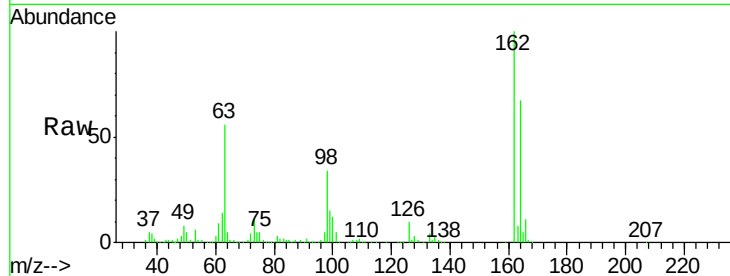




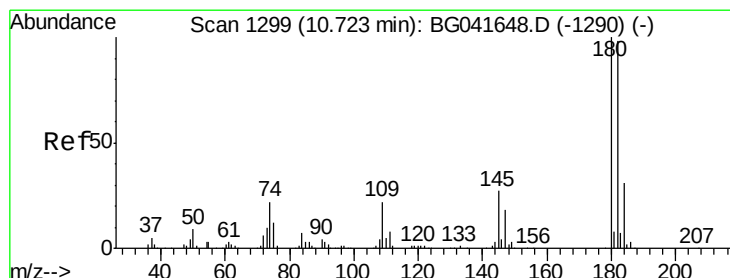
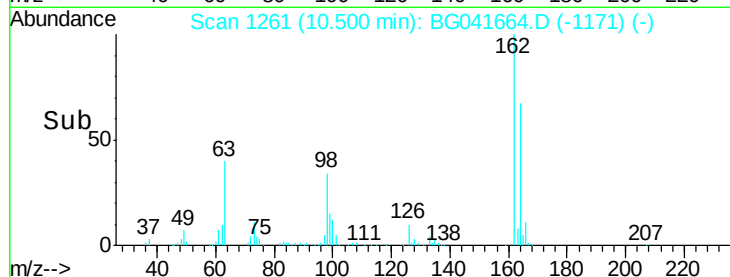
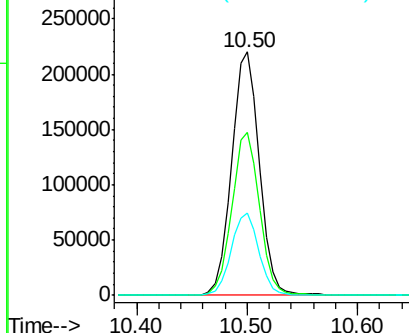
#29
2,4-Dichlorophenol
Concen: 46.836 ng
RT: 10.50 min Scan# 1261
Delta R.T. 0.00 min
Lab File: BG041664.D
Acq: 16 Jul 2019 12:30

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	67.1	46.1	86.1
98	33.7	14.7	54.7

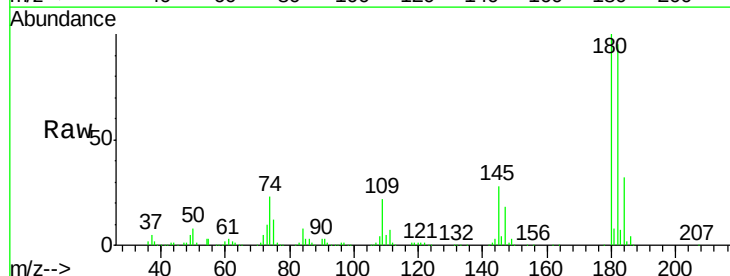


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B

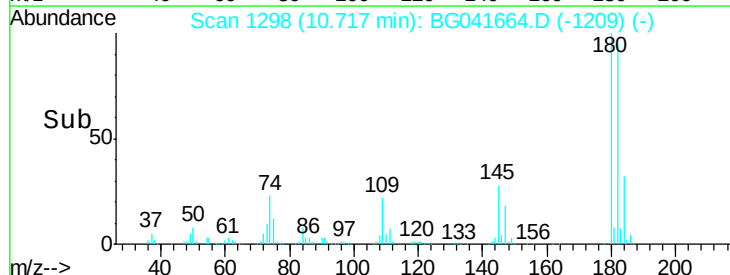
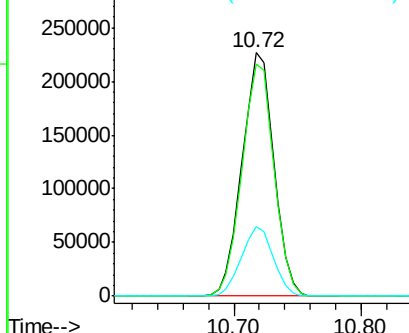


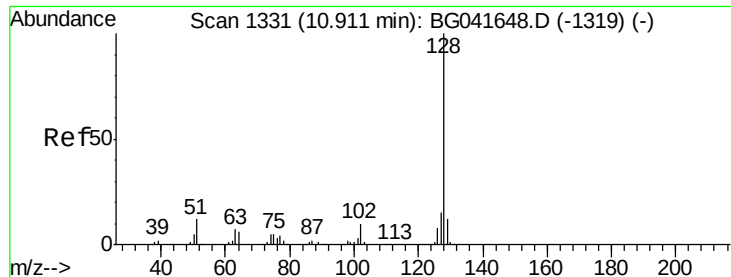
#30
1,2,4-Trichlorobenzene
Concen: 40.764 ng
RT: 10.72 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BG041664.D
Acq: 16 Jul 2019 12:30

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	76.2	114.2
145	28.4	23.8	35.8



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

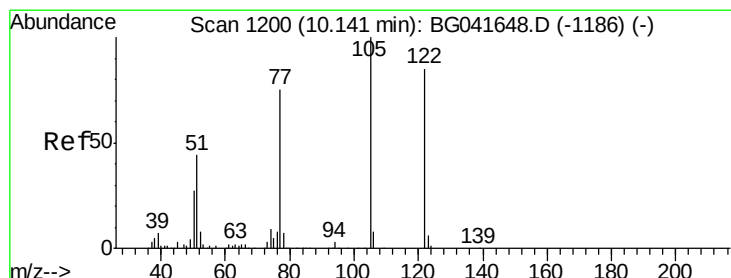
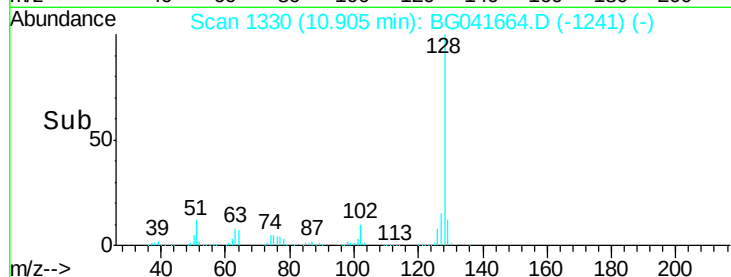
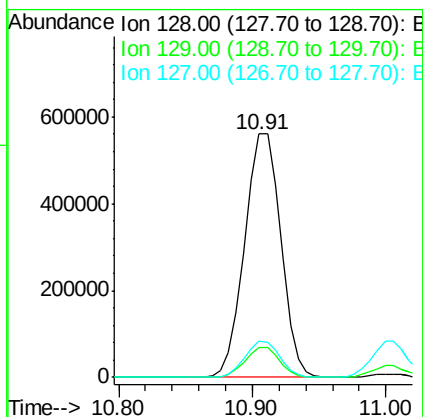
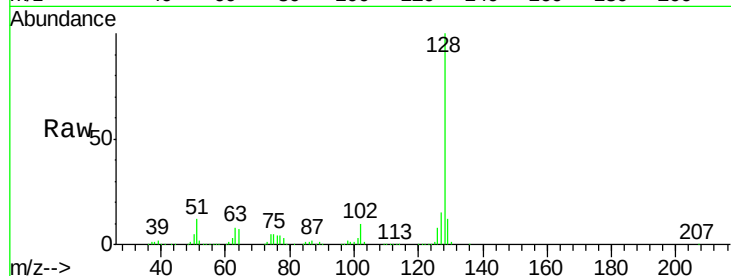




#31
Naphthalene
Concen: 41.929 ng
RT: 10.91 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG041664.D
Acq: 16 Jul 2019 12:30

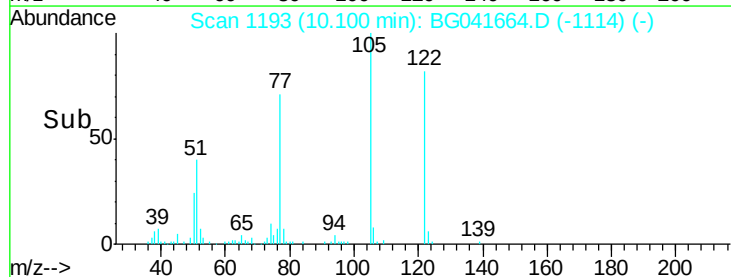
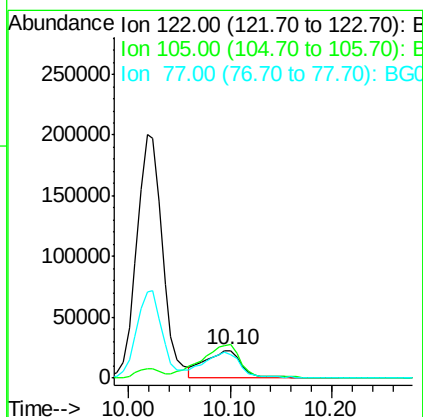
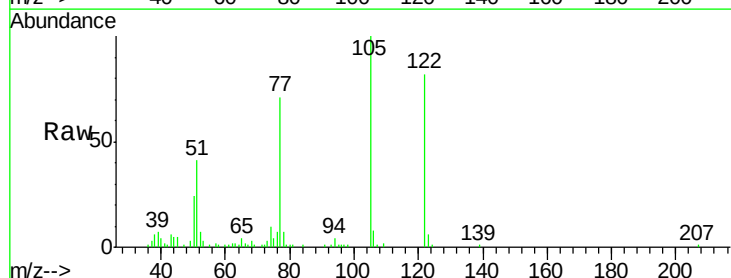
Instrument :
BNA_G
ClientSampleId :

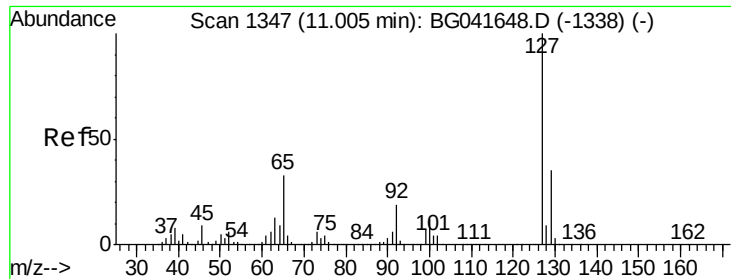
Tot Ion:128 Resp: 1050475
Ion Ratio Lower Upper
128 100
129 12.2 10.0 15.0
127 14.8 12.3 18.5



#32
Benzoic acid
Concen: 14.711 ng
RT: 10.10 min Scan# 1193
Delta R.T. -0.07 min
Lab File: BG041664.D
Acq: 16 Jul 2019 12:30

Tgt Ion:122 Resp: 54736
Ion Ratio Lower Upper
122 100
105 121.8 101.5 141.5
77 86.3 73.0 113.0

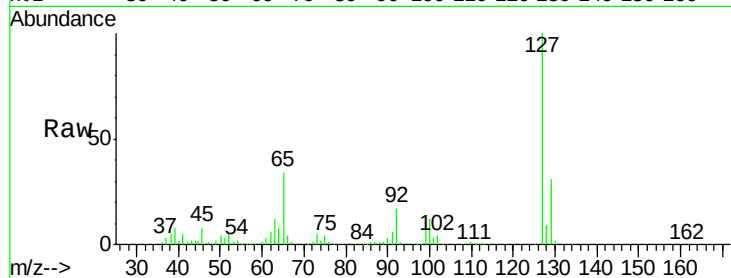




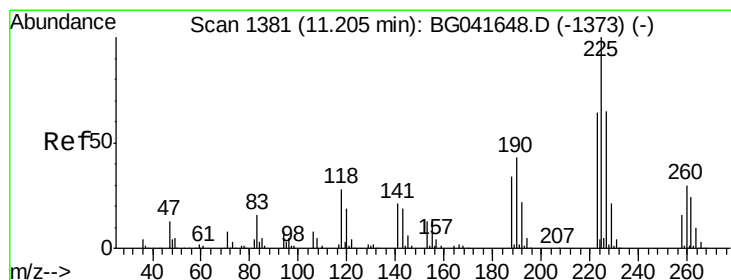
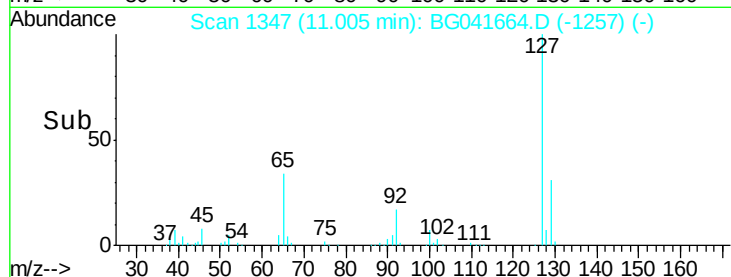
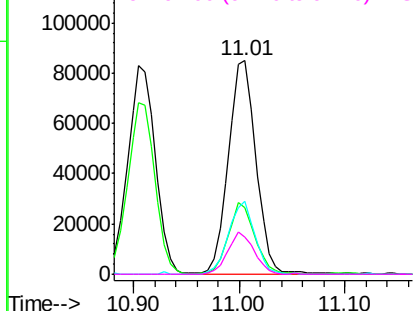
#33
4-Chloroaniline
Concen: 13.213 ng
RT: 11.01 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BG041664.D
Acq: 16 Jul 2019 12:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	152698
Ion	Ratio	Lower	Upper
127	100		
129	31.1	25.8	38.8
65	34.2	26.7	40.1
92	17.2	15.4	23.0

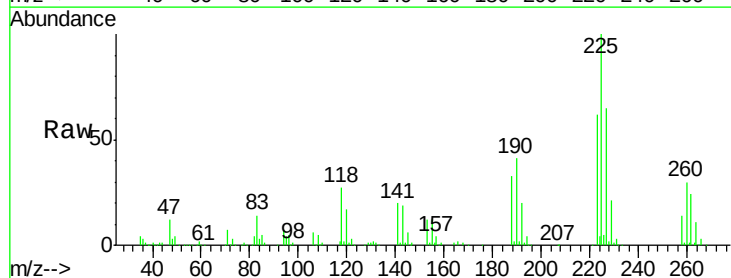


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

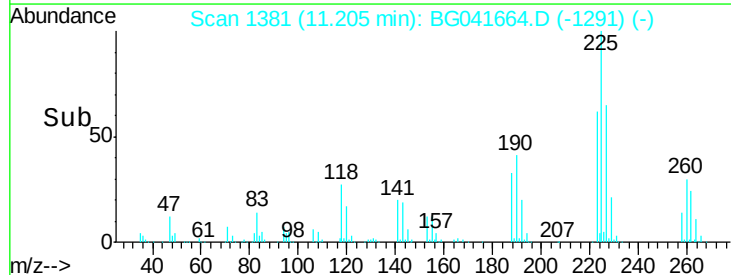
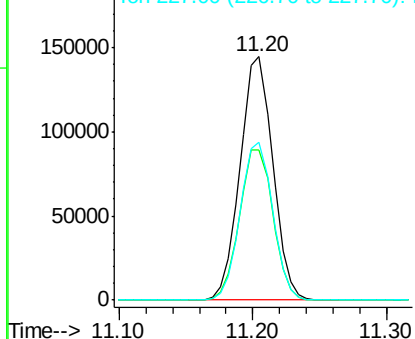


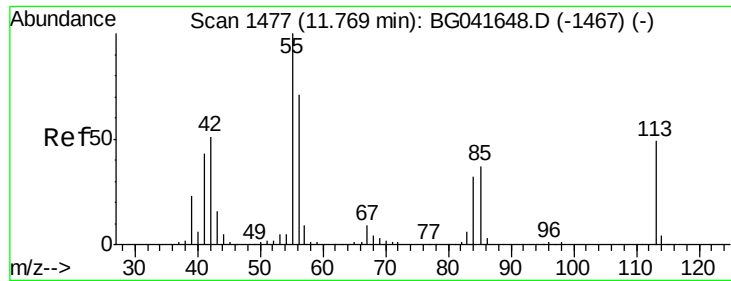
#34
Hexachlorobutadiene
Concen: 39.245 ng
RT: 11.20 min Scan# 1381
Delta R.T. 0.00 min
Lab File: BG041664.D
Acq: 16 Jul 2019 12:30

Tgt Ion:	225	Resp:	244808
Ion	Ratio	Lower	Upper
225	100		
223	61.8	51.1	76.7
227	64.9	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

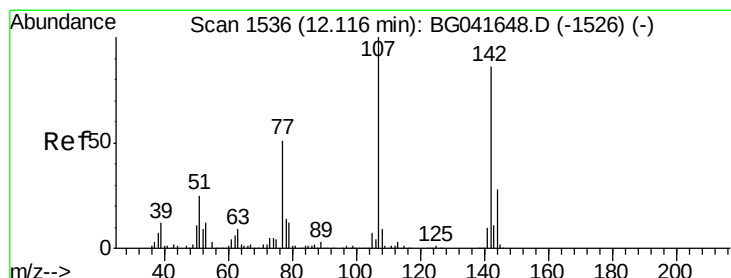
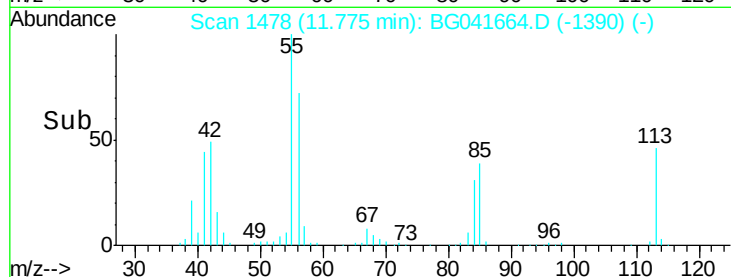
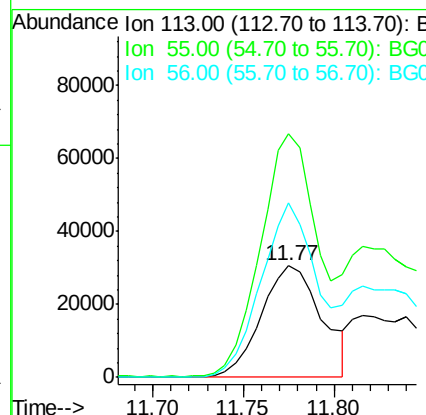
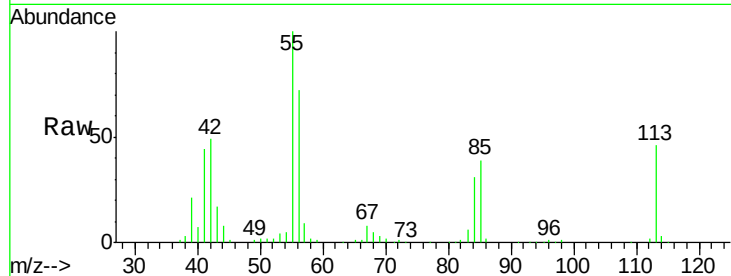




#35
 Caprolactam
 Concen: 23.366 ng
 RT: 11.77 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BG041664.D
 Acq: 16 Jul 2019 12:30

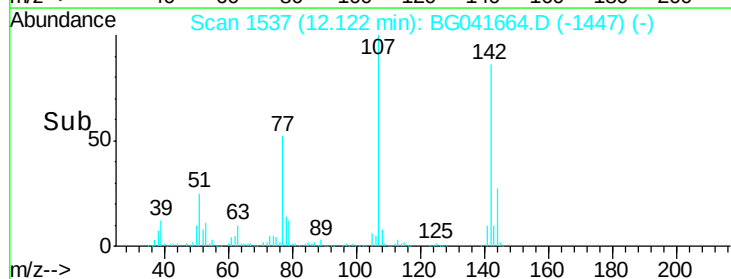
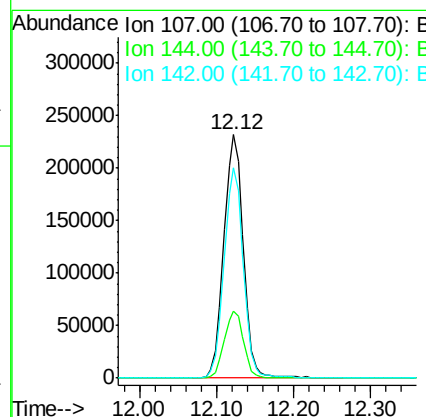
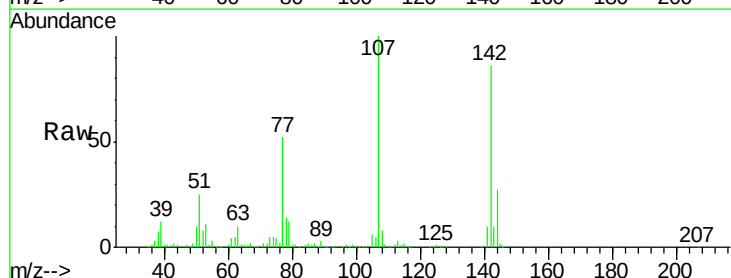
Instrument :
 BNA_G
 ClientSampled :

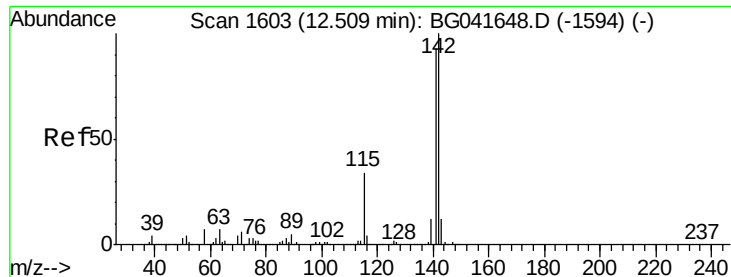
Tot Ion:113 Resp: 70989
 Ion Ratio Lower Upper
 113 100
 55 218.4 199.4 239.4
 56 156.8 133.6 173.6



#36
 4-Chloro-3-methylphenol
 Concen: 46.845 ng
 RT: 12.12 min Scan# 1537
 Delta R.T. 0.00 min
 Lab File: BG041664.D
 Acq: 16 Jul 2019 12:30

Tgt Ion:107 Resp: 405643
 Ion Ratio Lower Upper
 107 100
 144 27.4 22.2 33.2
 142 86.5 67.3 100.9

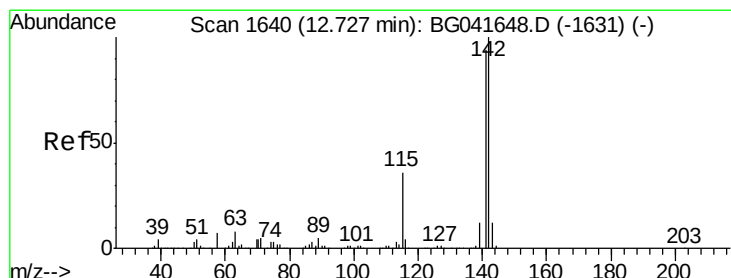
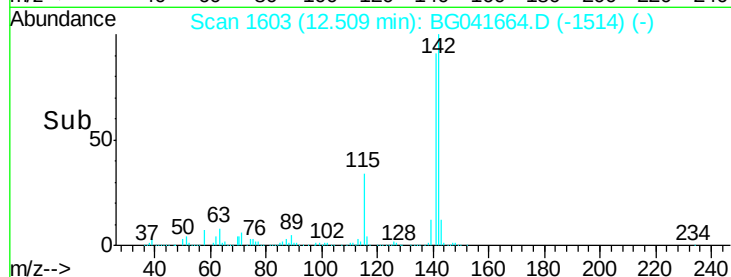
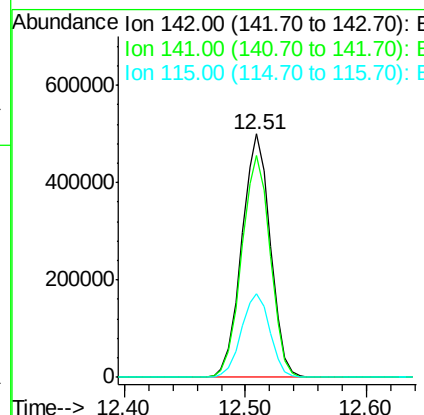
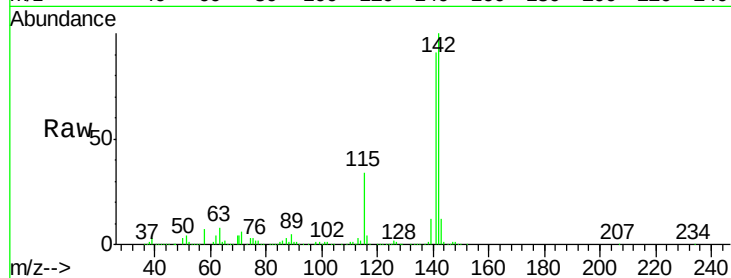




#37
 2-Methylnaphthalene
 Concen: 42.996 ng
 RT: 12.51 min Scan# 1603
 Delta R.T. -0.00 min
 Lab File: BG041664.D
 Acq: 16 Jul 2019 12:30

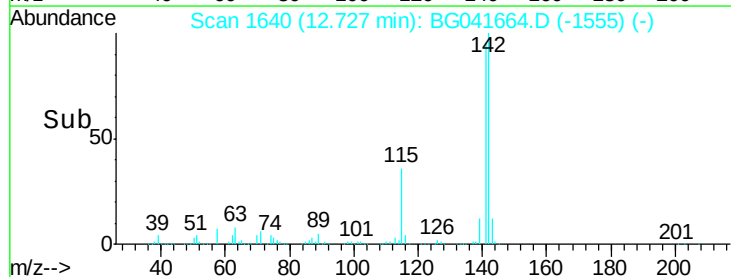
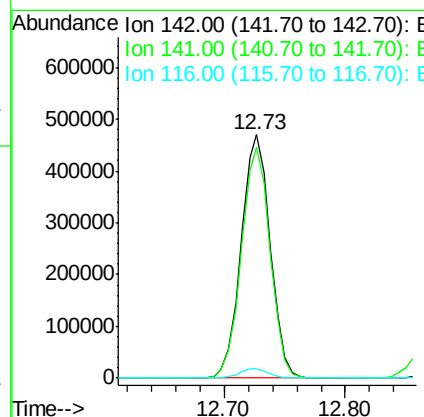
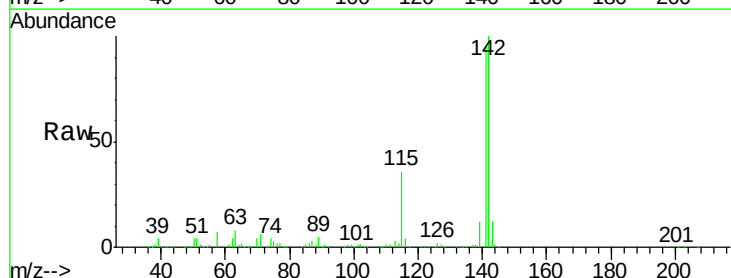
Instrument :
 BNA_G
 ClientSampleId :

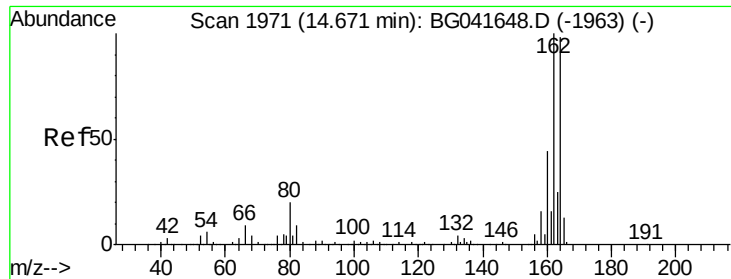
Tot Ion:142 Resp: 822998
 Ion Ratio Lower Upper
 142 100
 141 91.3 72.7 109.1
 115 34.4 27.0 40.4



#38
 1-Methylnaphthalene
 Concen: 42.865 ng
 RT: 12.73 min Scan# 1640
 Delta R.T. 0.00 min
 Lab File: BG041664.D
 Acq: 16 Jul 2019 12:30

Tgt Ion:142 Resp: 782218
 Ion Ratio Lower Upper
 142 100
 141 94.6 75.4 113.2
 116 4.0 3.2 4.8

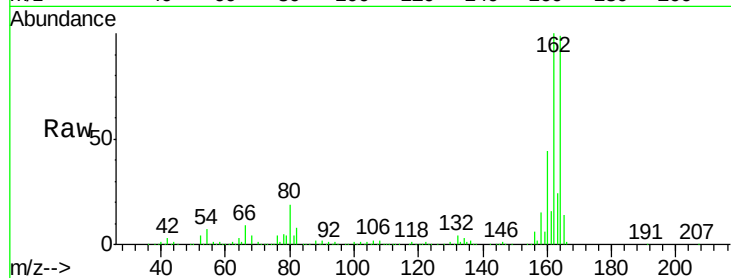




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1971
Delta R.T. 0.00 min
Lab File: BG041664.D
Acq: 16 Jul 2019 12:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.5	79.6	119.4
160	44.3	35.4	53.0

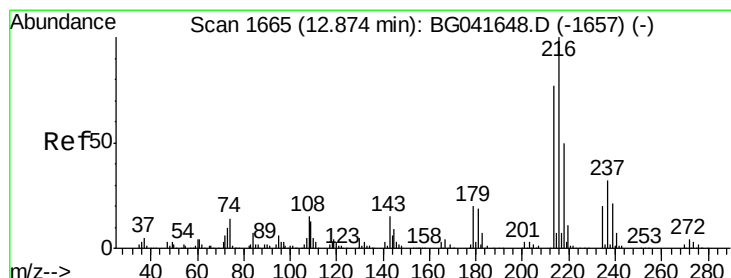
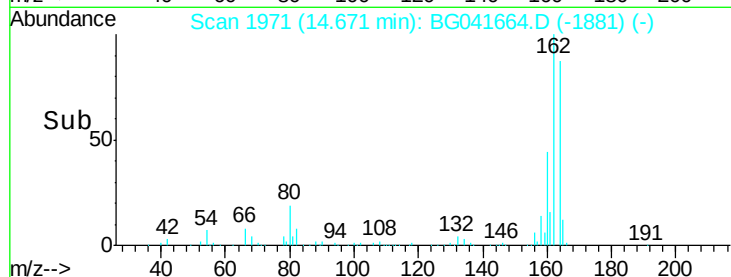
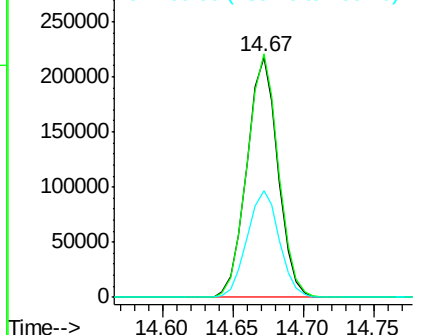


Abundance

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: 41.436 ng
RT: 12.87 min Scan# 1665
Delta R.T. -0.00 min
Lab File: BG041664.D
Acq: 16 Jul 2019 12:30

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.0	61.5	92.3
179	20.2	16.2	24.2
108	17.6	13.2	19.8

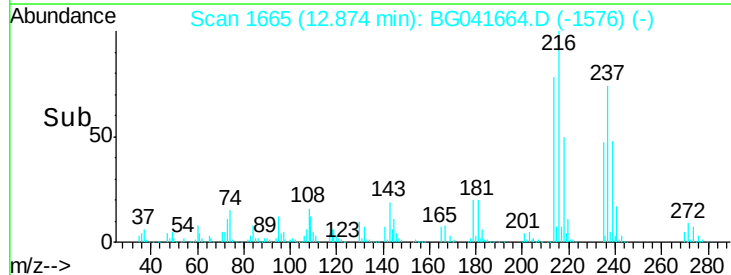
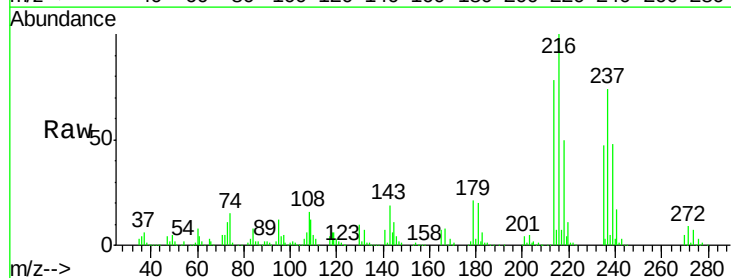
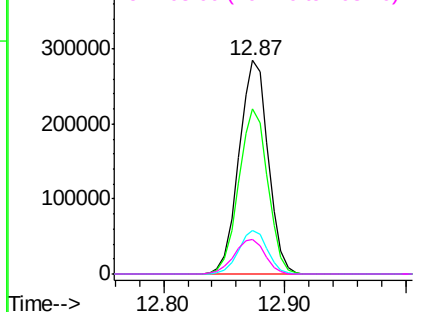
Abundance

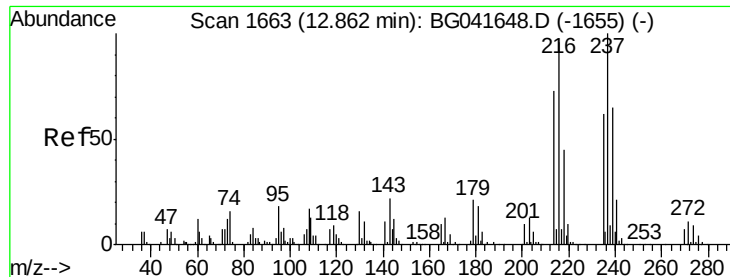
Ion 216.00 (215.70 to 216.70): E

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: 90.074 ng

RT: 12.86 min Scan# 1663

Delta R.T. -0.00 min

Lab File: BG041664.D

Acq: 16 Jul 2019 12:30

Instrument :

BNA_G

ClientSampled :

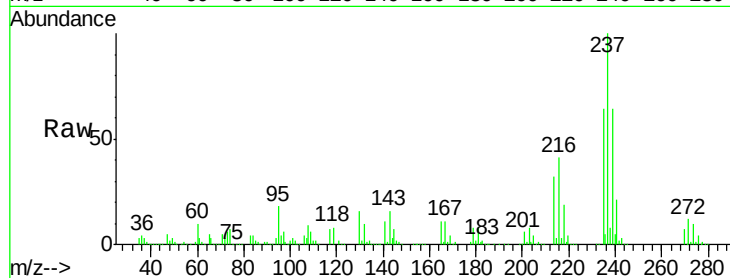
Tot Ion:237 Resp: 586689

Ion Ratio Lower Upper

237 100

235 64.1 43.5 83.5

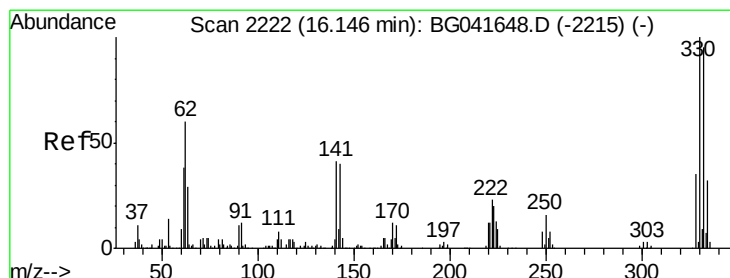
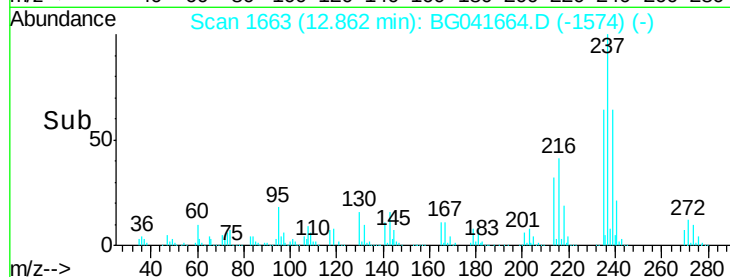
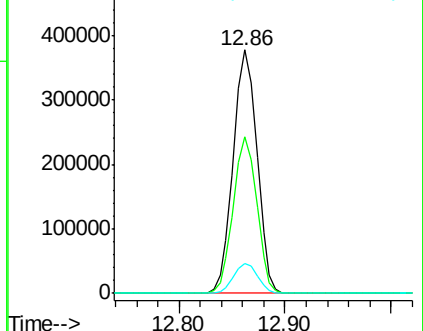
272 12.5 0.0 31.2



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: 137.741 ng

RT: 16.15 min Scan# 2223

Delta R.T. 0.00 min

Lab File: BG041664.D

Acq: 16 Jul 2019 12:30

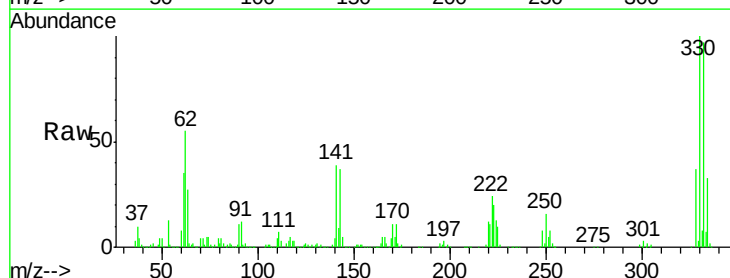
Tgt Ion:330 Resp: 521809

Ion Ratio Lower Upper

330 100

332 96.2 77.4 116.0

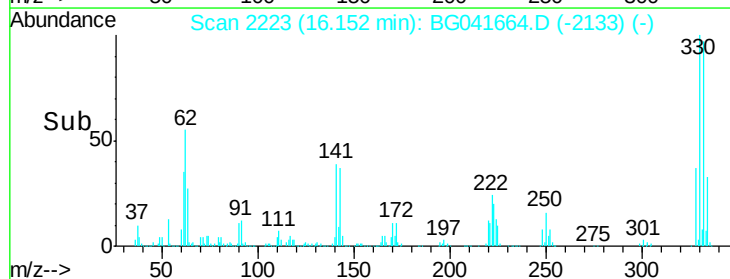
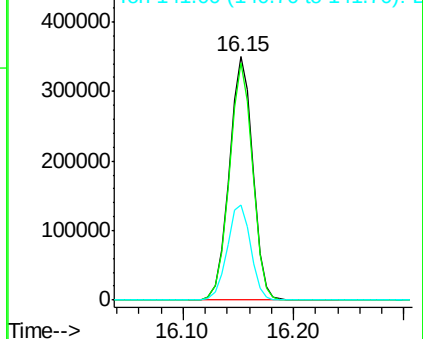
141 39.3 31.9 47.9

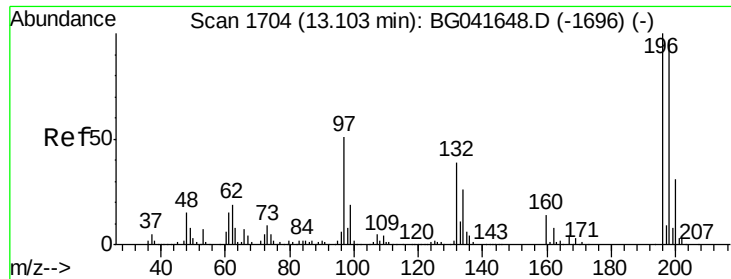


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

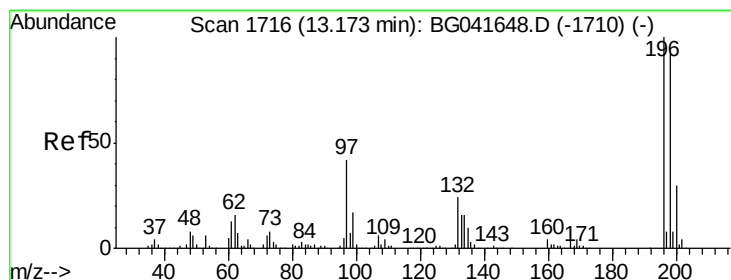
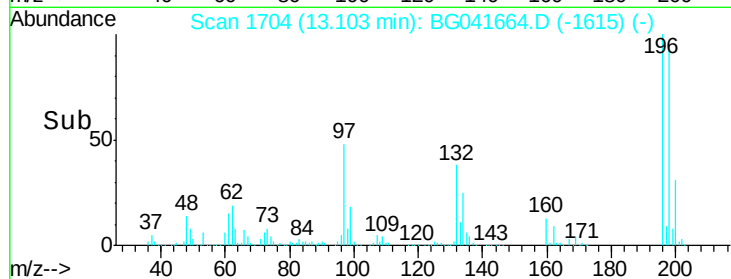
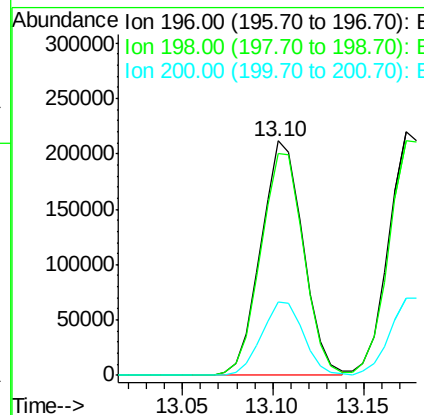
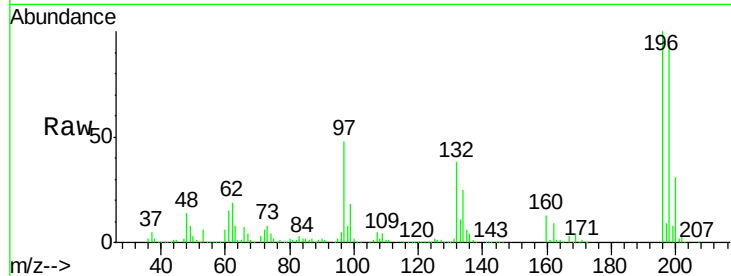




#43
 2,4,6-Trichlorophenol
 Concen: 45.906 ng
 RT: 13.10 min Scan# 1704
 Delta R.T. -0.00 min
 Lab File: BG041664.D
 Acq: 16 Jul 2019 12:30

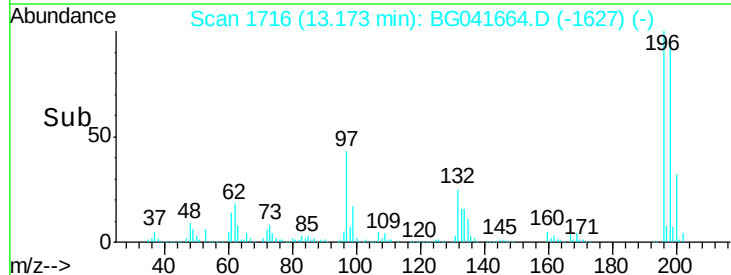
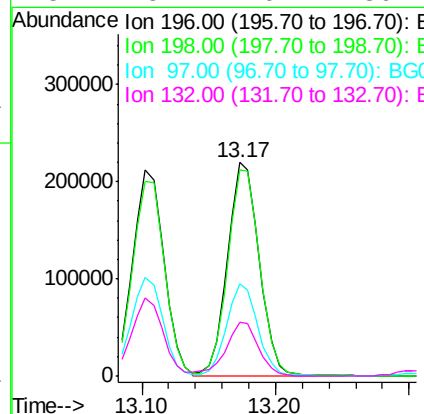
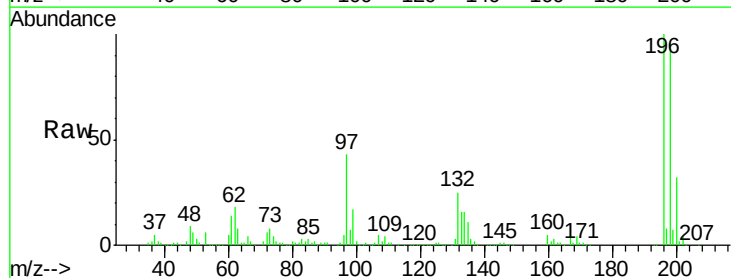
Instrument :
 BNA_G
 ClientSampled :

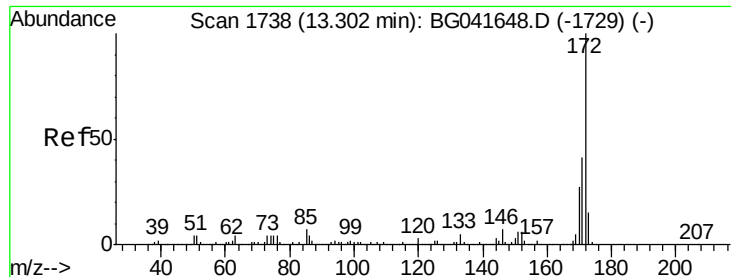
Tot Ion:196 Resp: 343445
 Ion Ratio Lower Upper
 196 100
 198 94.5 79.6 119.4
 200 31.1 25.2 37.8



#44
 2,4,5-Trichlorophenol
 Concen: 46.402 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.00 min
 Lab File: BG041664.D
 Acq: 16 Jul 2019 12:30

Tgt Ion:196 Resp: 365771
 Ion Ratio Lower Upper
 196 100
 198 96.3 80.6 121.0
 97 43.3 33.9 50.9
 132 25.2 20.2 30.2

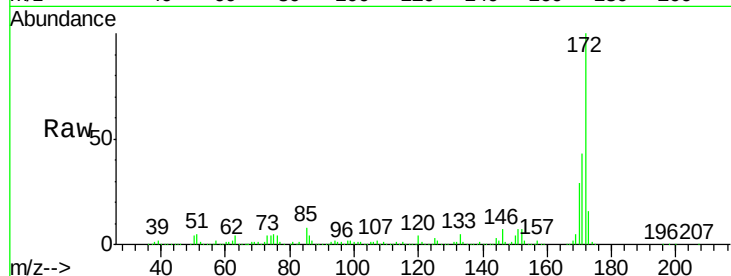




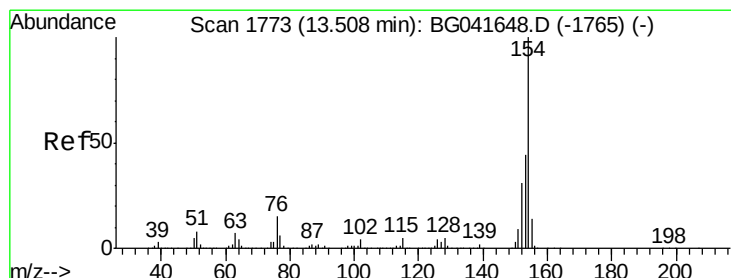
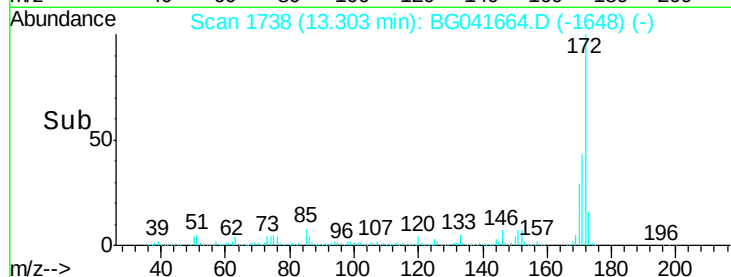
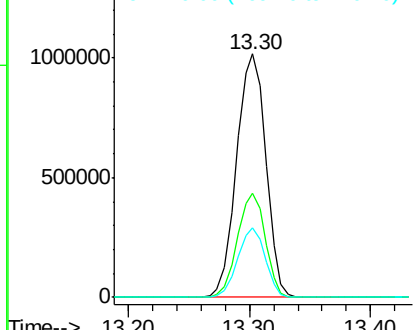
#45
2-Fluorobiphenyl
Concen: 79.062 ng
RT: 13.30 min Scan# 1738
Delta R.T. 0.00 min
Lab File: BG041664.D
Acq: 16 Jul 2019 12:30

Instrument :
BNA_G
ClientSampled :

Tot Ion:172 Resp: 1716274
Ion Ratio Lower Upper
172 100
171 42.9 35.0 52.4
170 28.8 23.5 35.3

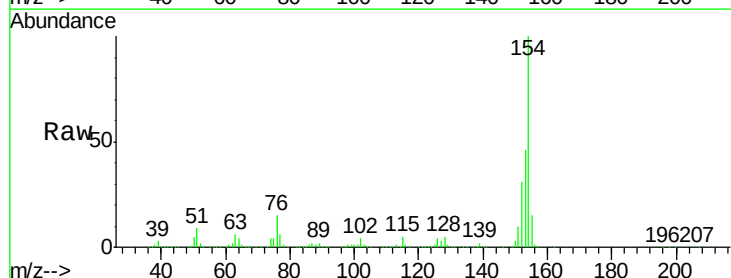


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

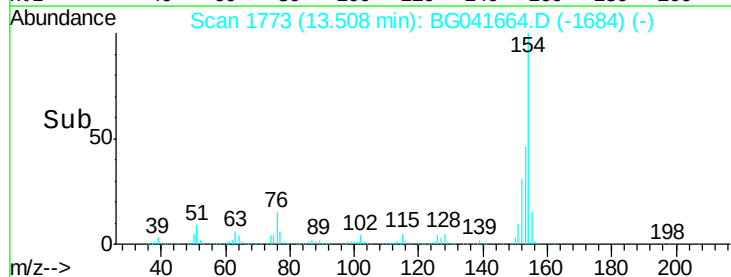
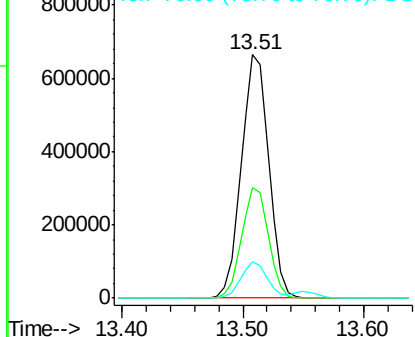


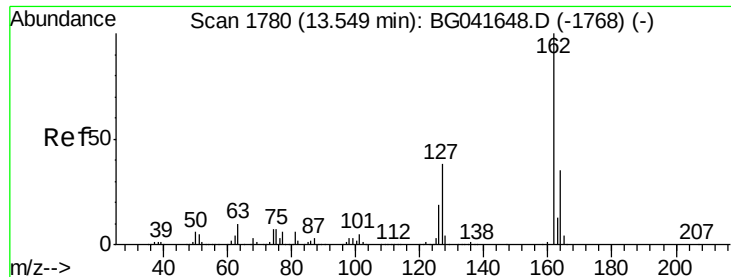
#46
1,1'-Biphenyl
Concen: 41.703 ng
RT: 13.51 min Scan# 1773
Delta R.T. -0.00 min
Lab File: BG041664.D
Acq: 16 Jul 2019 12:30

Tgt Ion:154 Resp: 1050240
Ion Ratio Lower Upper
154 100
153 45.6 25.0 65.0
76 15.0 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

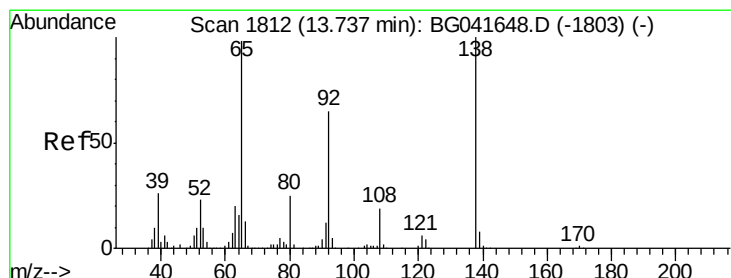
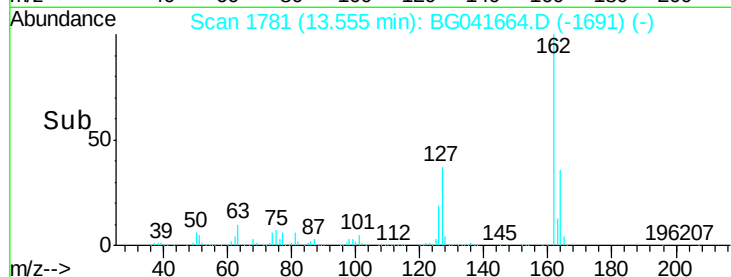
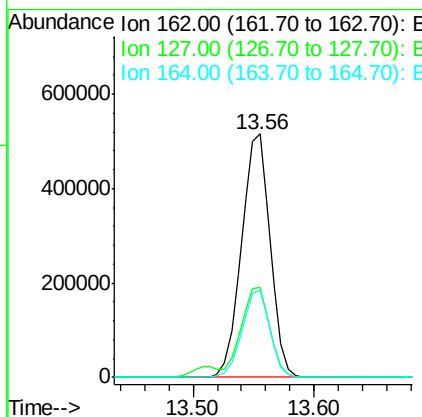
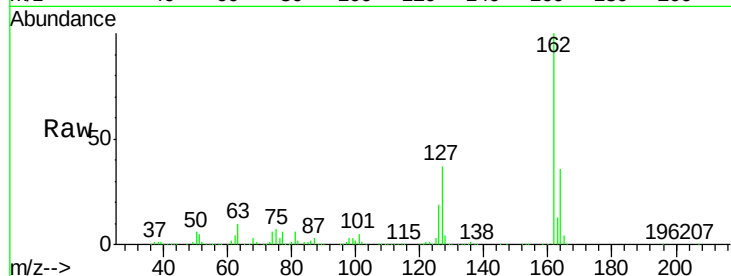




#47
 2-Chloronaphthalene
 Concen: 40.534 ng
 RT: 13.56 min Scan# 1781
 Delta R.T. 0.00 min
 Lab File: BG041664.D
 Acq: 16 Jul 2019 12:30

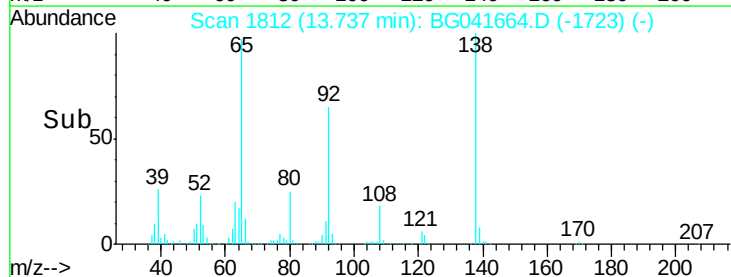
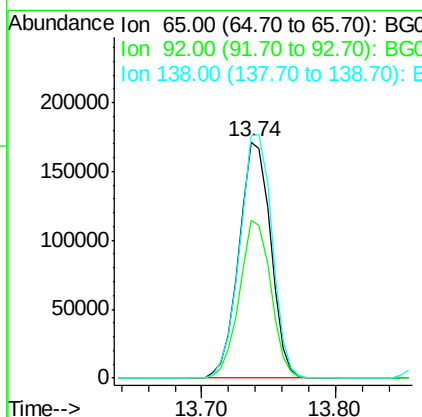
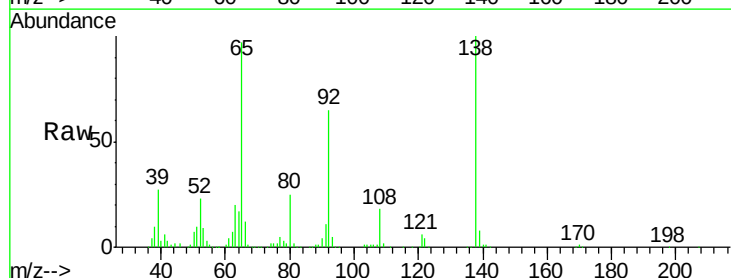
Instrument :
 BNA_G
 ClientSampleId :

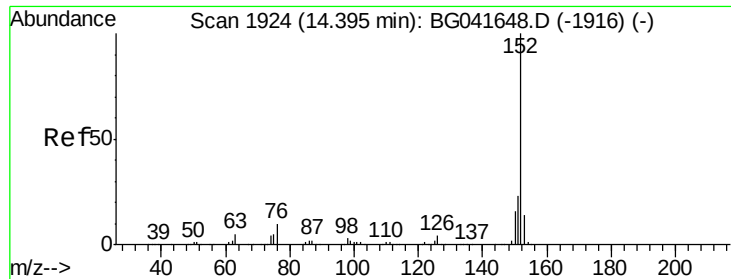
Tot Ion:162 Resp: 850750
 Ion Ratio Lower Upper
 162 100
 127 37.1 30.4 45.6
 164 36.0 28.6 42.8



#48
 2-Nitroaniline
 Concen: 46.080 ng
 RT: 13.74 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: BG041664.D
 Acq: 16 Jul 2019 12:30

Tgt Ion: 65 Resp: 281592
 Ion Ratio Lower Upper
 65 100
 92 67.0 53.9 80.9
 138 102.7 83.5 125.3





#49

Acenaphthylene

Concen: 41.111 ng

RT: 14.40 min Scan# 1924

Delta R.T. 0.00 min

Lab File: BG041664.D

Acq: 16 Jul 2019 12:30

Instrument :

BNA_G

ClientSampled :

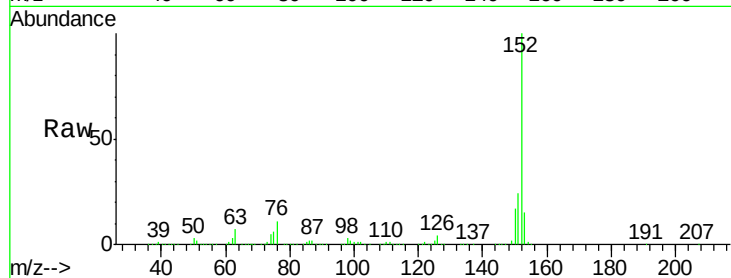
Tot Ion:152 Resp: 1347013

Ion Ratio Lower Upper

152 100

151 23.8 18.7 28.1

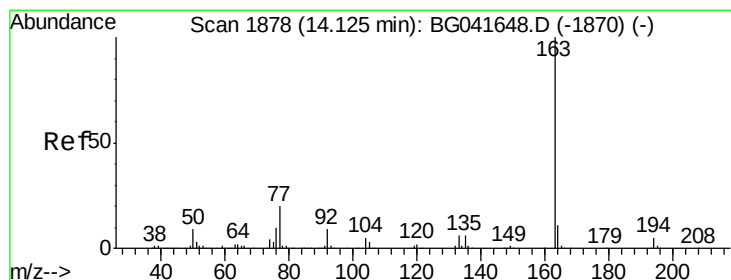
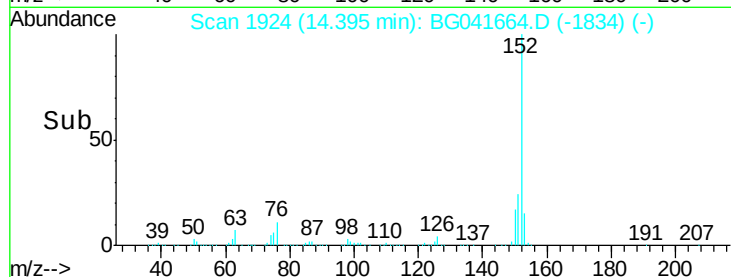
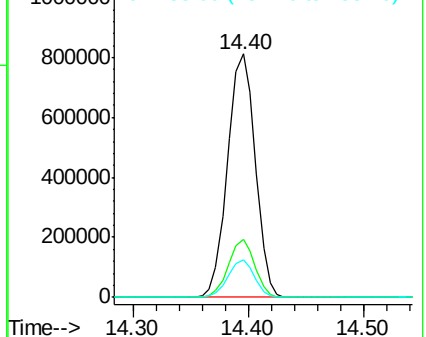
153 15.2 12.4 18.6



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: 51.615 ng

RT: 14.13 min Scan# 1878

Delta R.T. -0.00 min

Lab File: BG041664.D

Acq: 16 Jul 2019 12:30

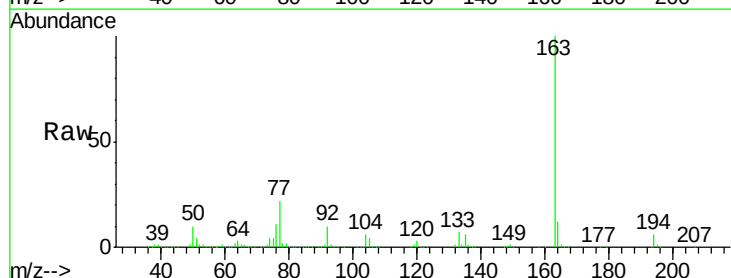
Tgt Ion:163 Resp: 1362676

Ion Ratio Lower Upper

163 100

194 5.5 4.2 6.2

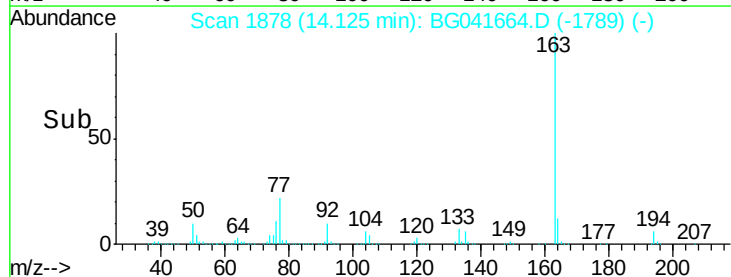
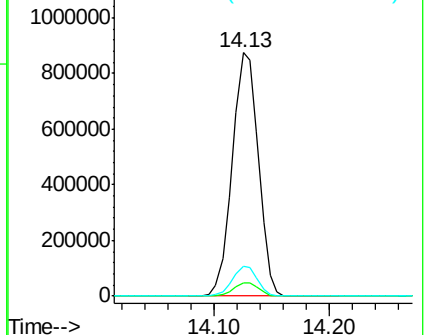
164 12.3 9.4 14.2

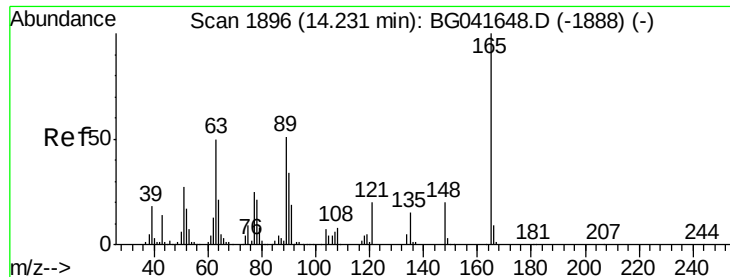


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

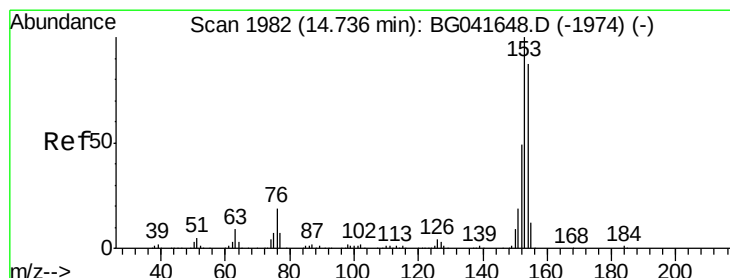
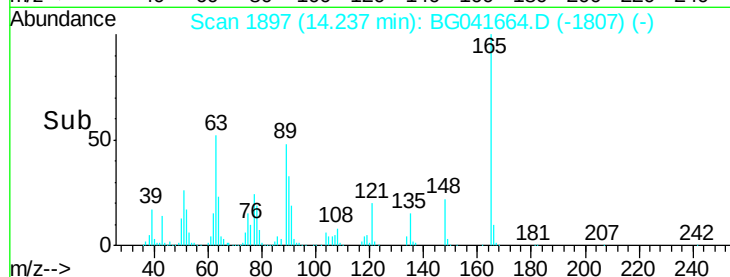
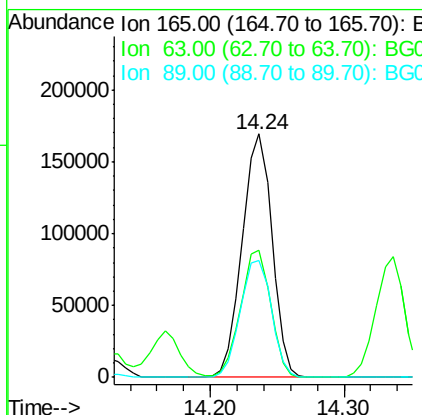
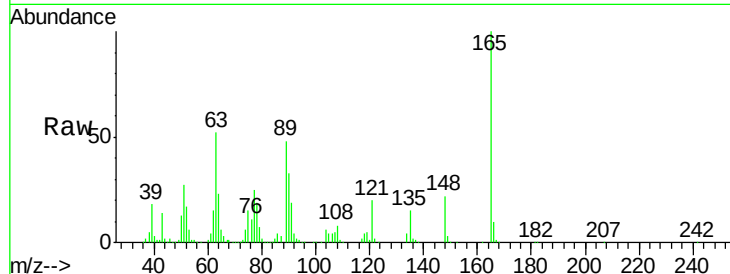




#51
2,6-Dinitrotoluene
Concen: 46.790 ng
RT: 14.24 min Scan# 1897
Delta R.T. 0.00 min
Lab File: BG041664.D
Acq: 16 Jul 2019 12:30

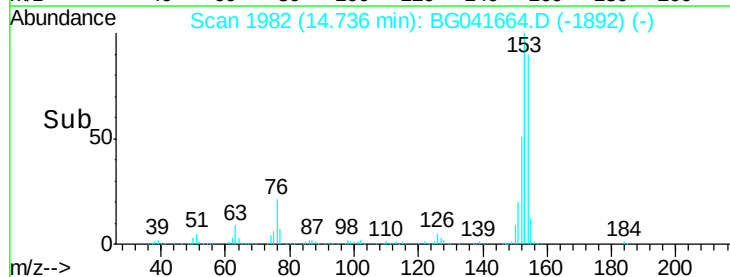
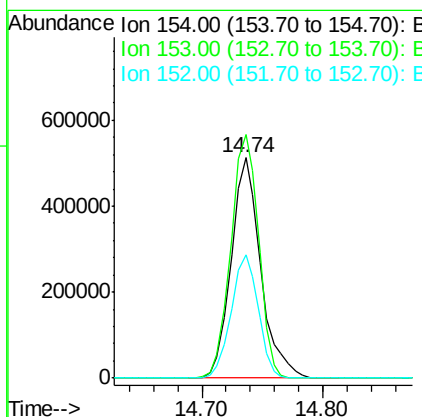
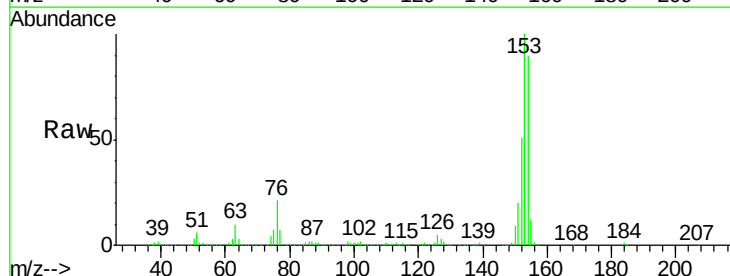
Instrument :
BNA_G
ClientSampled :

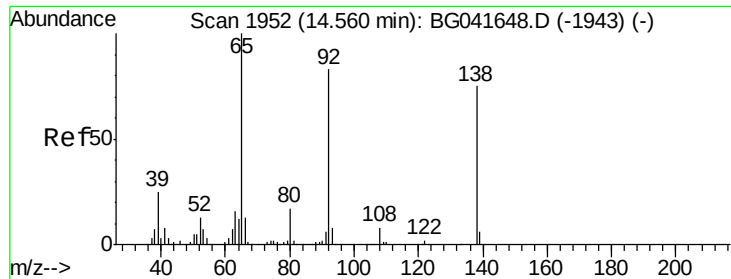
Tot Ion:165 Resp: 262017
Ion Ratio Lower Upper
165 100
63 52.1 42.4 63.6
89 48.0 42.1 63.1



#52
Acenaphthene
Concen: 42.167 ng
RT: 14.74 min Scan# 1982
Delta R.T. 0.00 min
Lab File: BG041664.D
Acq: 16 Jul 2019 12:30

Tgt Ion:154 Resp: 870673
Ion Ratio Lower Upper
154 100
153 110.6 89.8 134.6
152 55.9 44.9 67.3

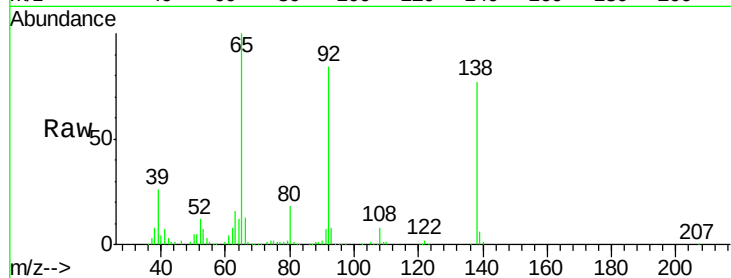




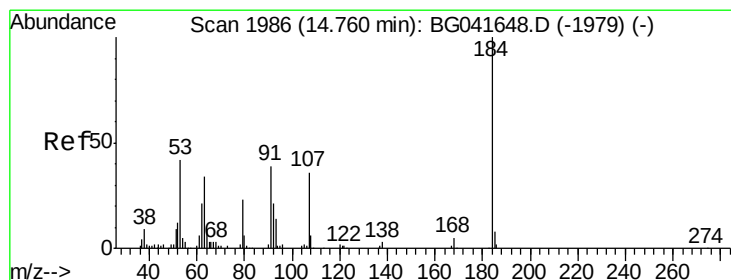
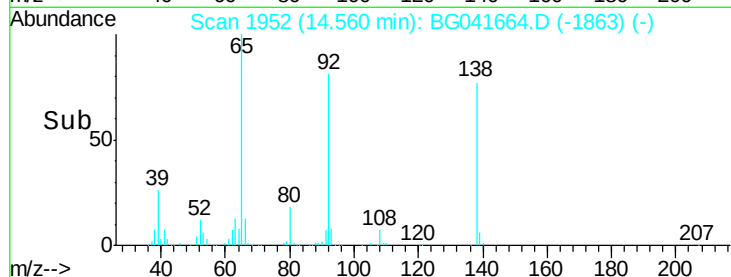
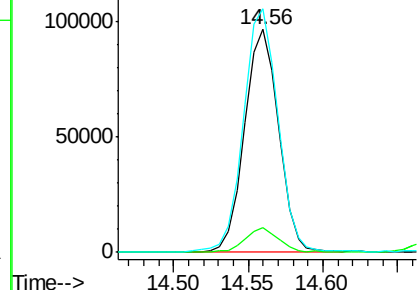
#53
 3-Nitroaniline
 Concen: 24.964 ng
 RT: 14.56 min Scan# 1952
 Delta R.T. -0.00 min
 Lab File: BG041664.D
 Acq: 16 Jul 2019 12:30

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:138 Resp: 152602
 Ion Ratio Lower Upper
 138 100
 108 10.8 10.3 15.5
 92 109.3 93.0 139.4

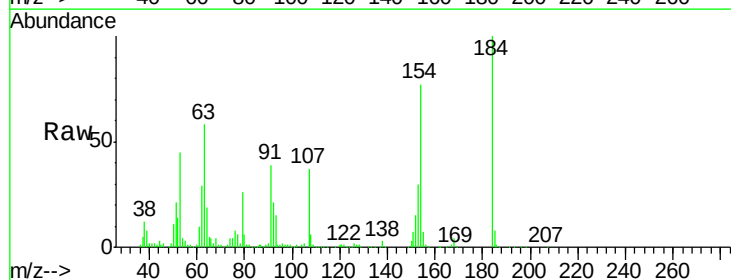


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): B

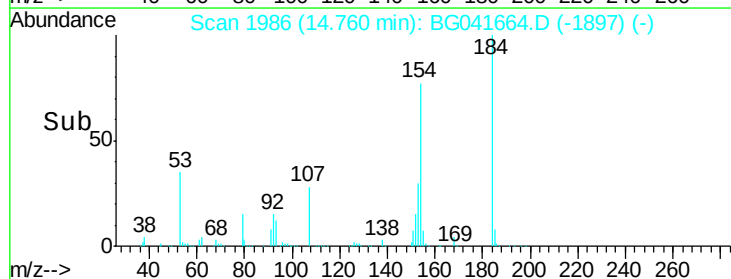
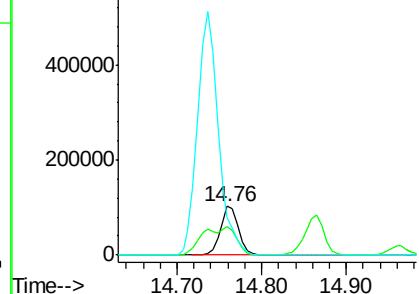


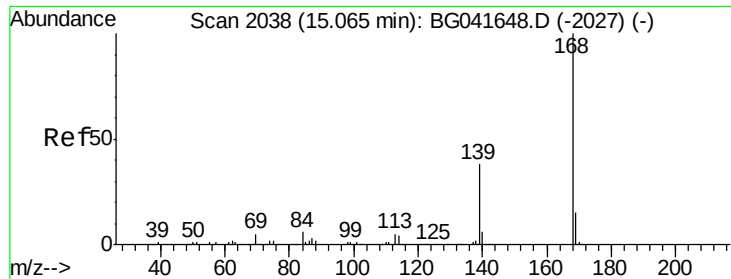
#54
 2,4-Dinitrophenol
 Concen: 57.260 ng
 RT: 14.76 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: BG041664.D
 Acq: 16 Jul 2019 12:30

Tgt Ion:184 Resp: 155170
 Ion Ratio Lower Upper
 184 100
 63 58.0 43.2 64.8
 154 76.6 51.4 77.2



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): B
 Ion 154.00 (153.70 to 154.70): E

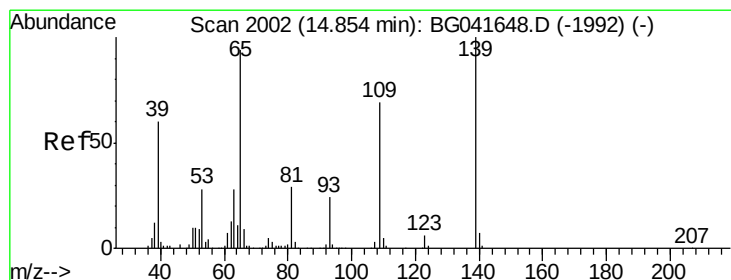
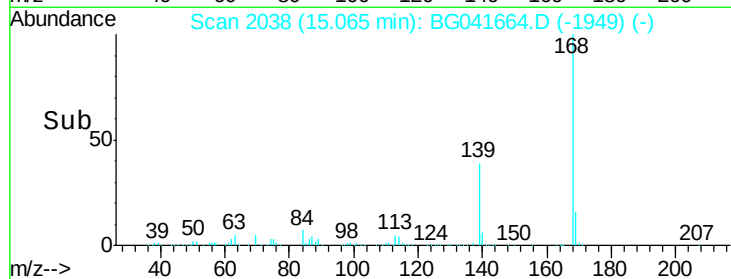
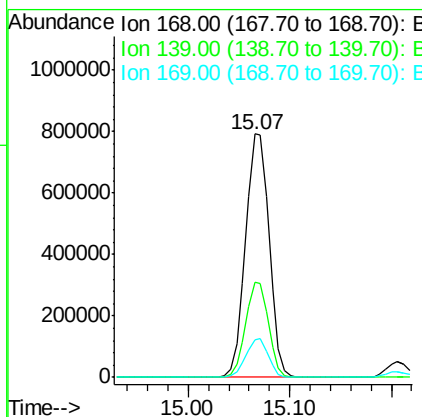
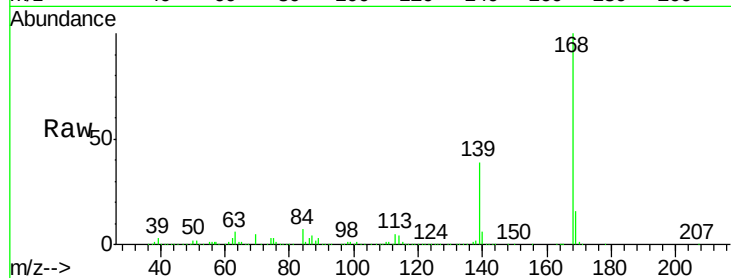




#55
Dibenzenofuran
Concen: 41.198 ng
RT: 15.07 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BG041664.D
Acq: 16 Jul 2019 12:30

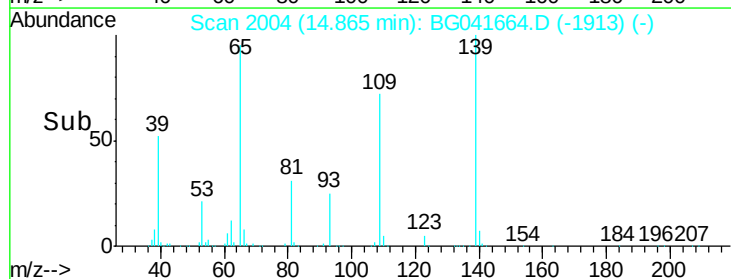
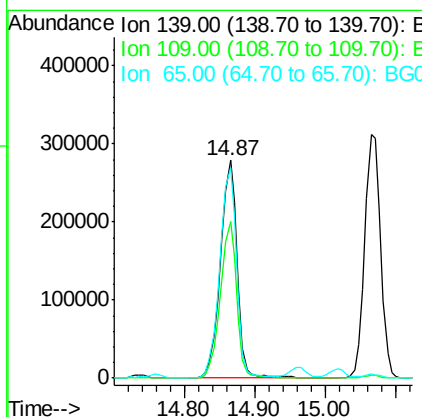
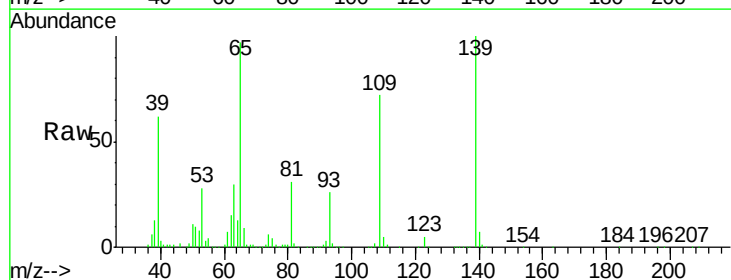
Instrument :
BNA_G
ClientSampleId :

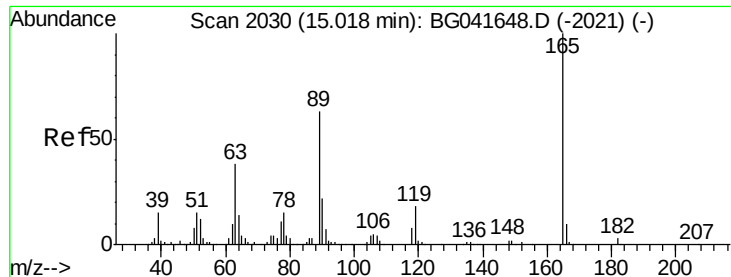
Tot Ion:168 Resp: 1276485
Ion Ratio Lower Upper
168 100
139 39.3 31.9 47.9
169 15.7 12.5 18.7



#56
4-Nitrophenol
Concen: 92.915 ng
RT: 14.87 min Scan# 2004
Delta R.T. 0.01 min
Lab File: BG041664.D
Acq: 16 Jul 2019 12:30

Tgt Ion:139 Resp: 459856
Ion Ratio Lower Upper
139 100
109 72.0 51.3 91.3
65 96.5 77.6 117.6

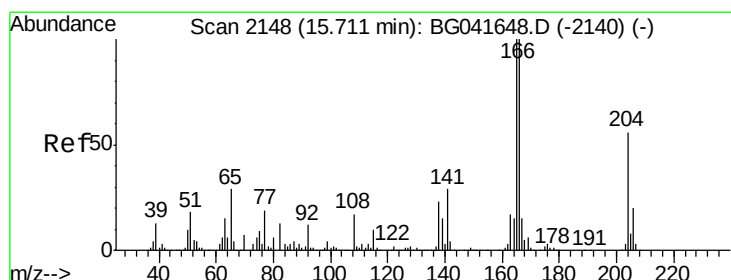
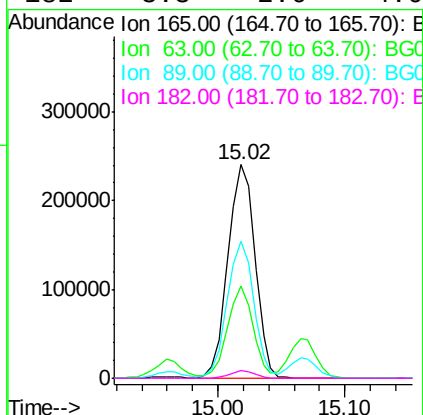
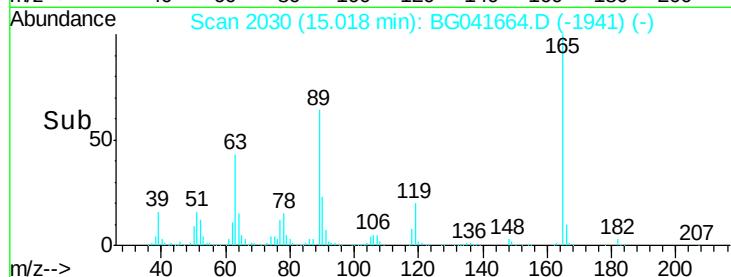
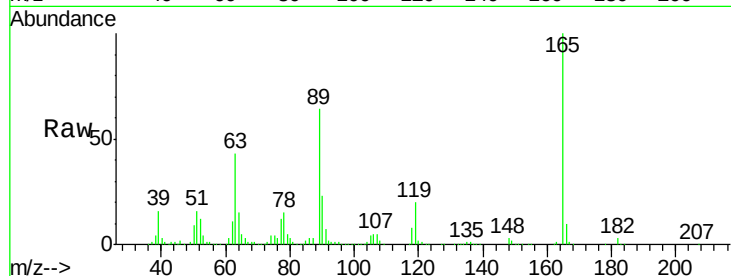




#57
2,4-Dinitrotoluene
Concen: 48.024 ng
RT: 15.02 min Scan# 2030
Delta R.T. -0.00 min
Lab File: BG041664.D
Acq: 16 Jul 2019 12:30

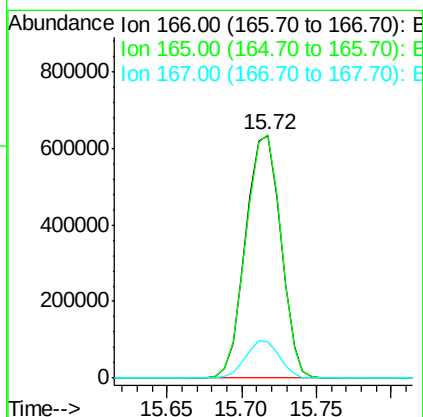
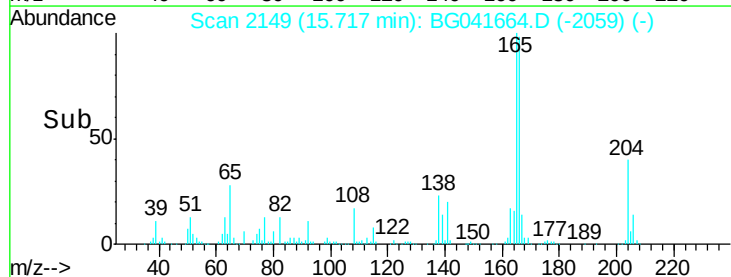
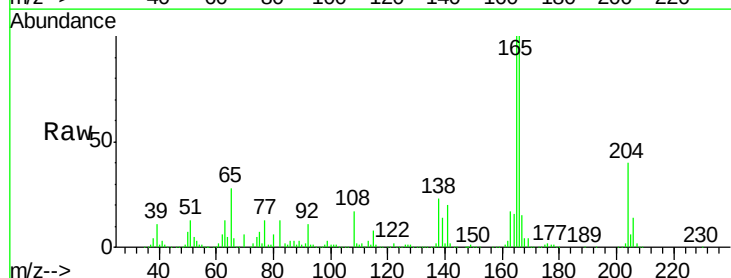
Instrument :
BNA_G
ClientSampleId :

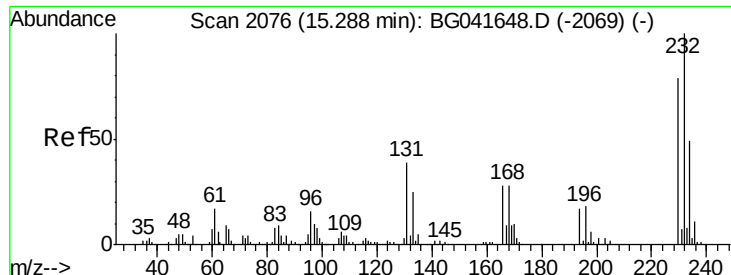
Tot Ion:165 Resp: 355492
Ion Ratio Lower Upper
165 100
63 43.1 31.7 47.5
89 64.3 50.2 75.4
182 3.3 2.6 4.0



#58
Fluorene
Concen: 40.984 ng
RT: 15.72 min Scan# 2149
Delta R.T. 0.00 min
Lab File: BG041664.D
Acq: 16 Jul 2019 12:30

Tgt Ion:166 Resp: 1033276
Ion Ratio Lower Upper
166 100
165 100.4 80.5 120.7
167 15.2 12.4 18.6

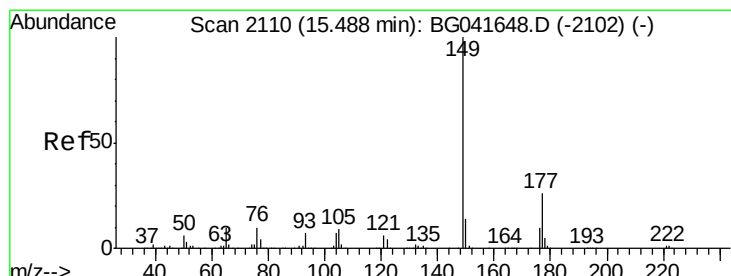
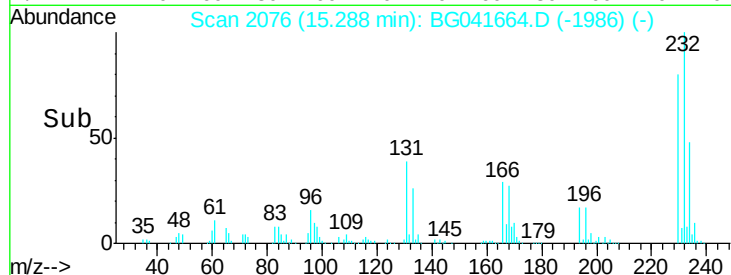
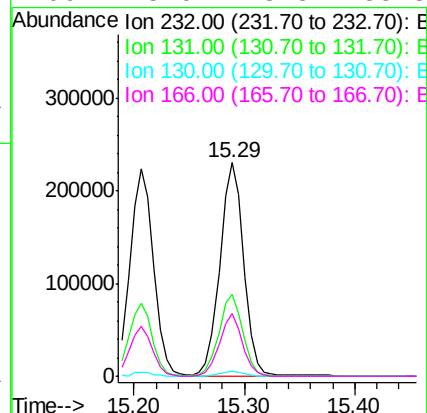
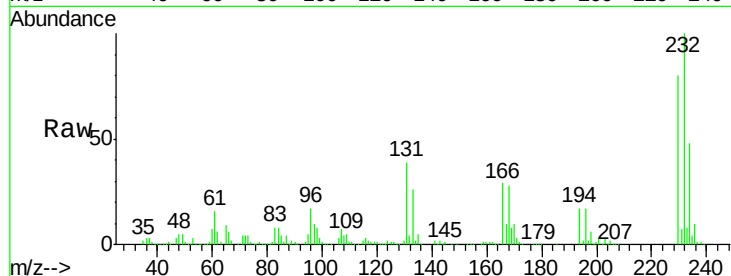




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.215 ng
RT: 15.29 min Scan# 2076
Delta R.T. 0.00 min
Lab File: BG041664.D
Acq: 16 Jul 2019 12:30

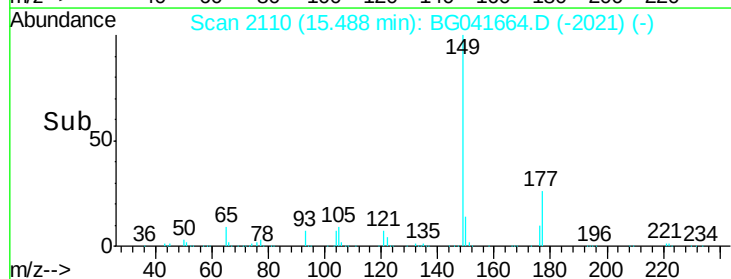
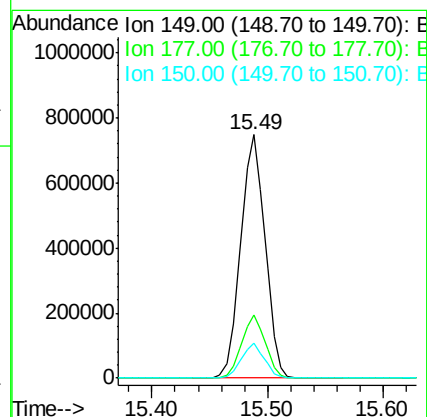
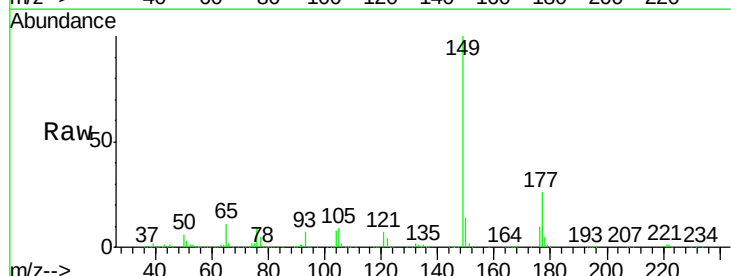
Instrument :
BNA_G
ClientSampleId :

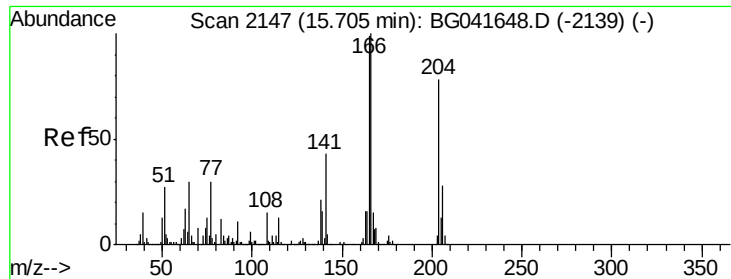
Tot Ion:232 Resp: 343592
Ion Ratio Lower Upper
232 100
131 38.1 31.8 47.6
130 2.2 1.8 2.8
166 28.0 23.5 35.3



#60
Diethylphthalate
Concen: 40.973 ng
RT: 15.49 min Scan# 2110
Delta R.T. -0.00 min
Lab File: BG041664.D
Acq: 16 Jul 2019 12:30

Tgt Ion:149 Resp: 1089752
Ion Ratio Lower Upper
149 100
177 26.1 20.7 31.1
150 14.5 11.5 17.3

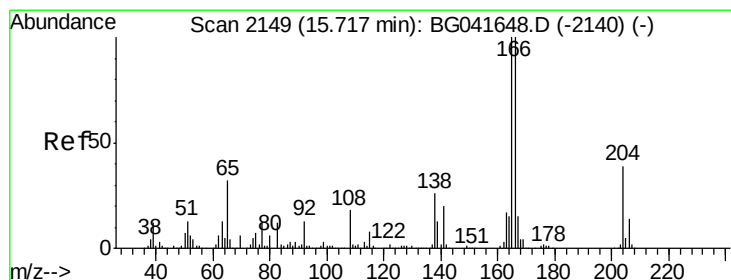
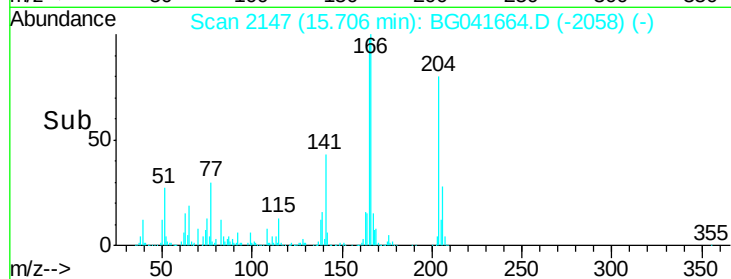
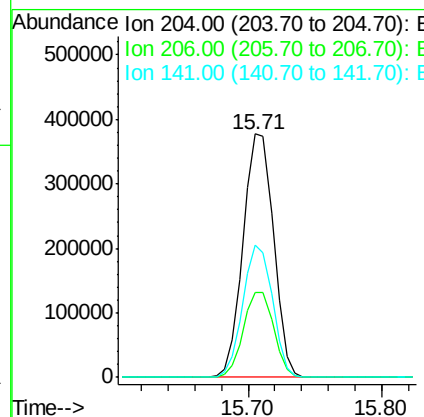
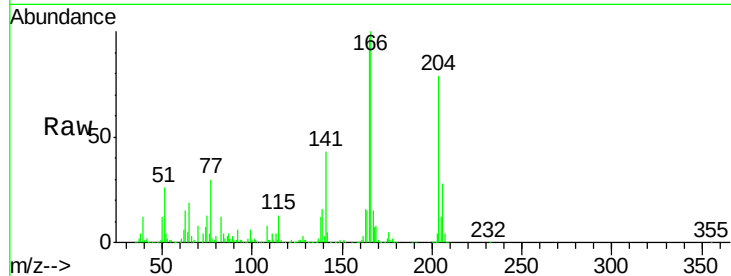




#61
4-Chlorophenyl-phenylether
Concen: 41.628 ng
RT: 15.71 min Scan# 2147
Delta R.T. -0.00 min
Lab File: BG041664.D
Acq: 16 Jul 2019 12:30

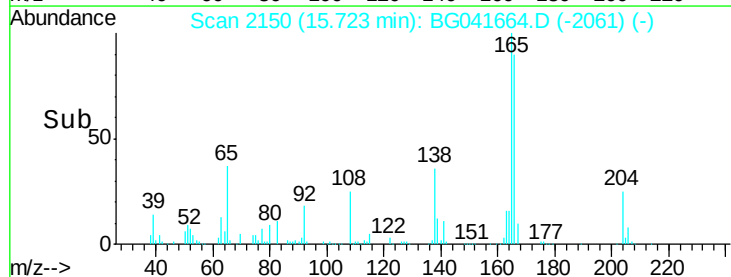
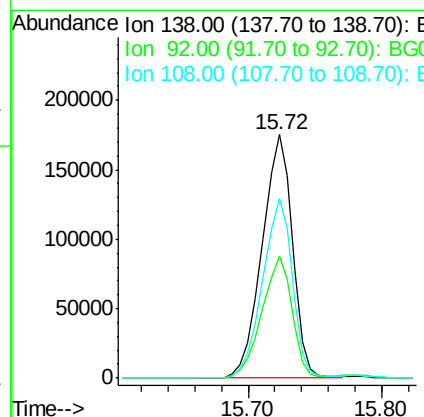
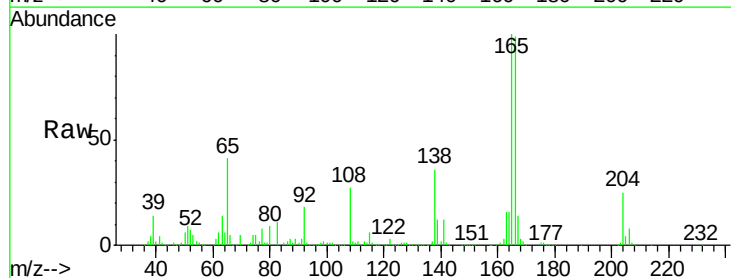
Instrument :
BNA_G
ClientSampled :

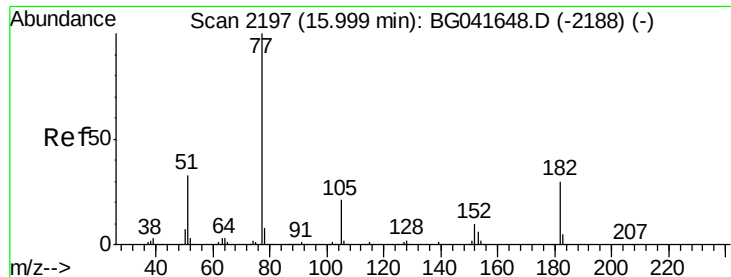
Tot Ion:204 Resp: 593249
Ion Ratio Lower Upper
204 100
206 35.1 28.6 42.8
141 54.5 42.9 64.3



#62
4-Nitroaniline
Concen: 42.533 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.00 min
Lab File: BG041664.D
Acq: 16 Jul 2019 12:30

Tgt Ion:138 Resp: 275751
Ion Ratio Lower Upper
138 100
92 49.9 29.8 69.8
108 74.0 52.2 92.2

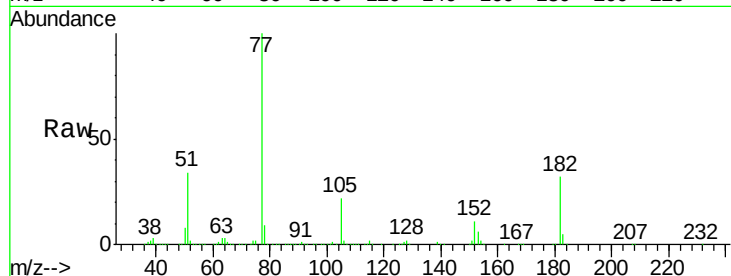




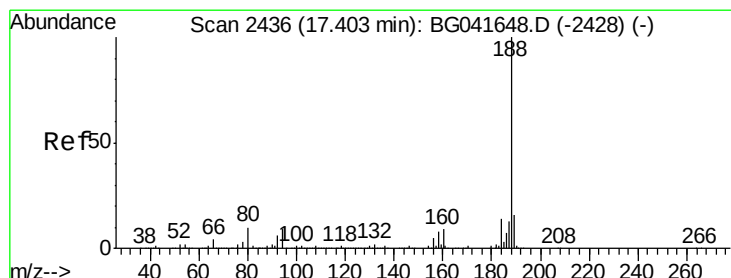
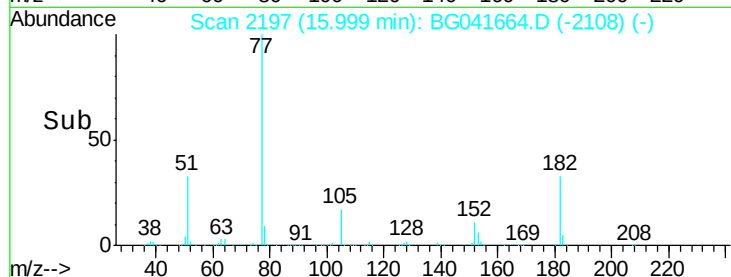
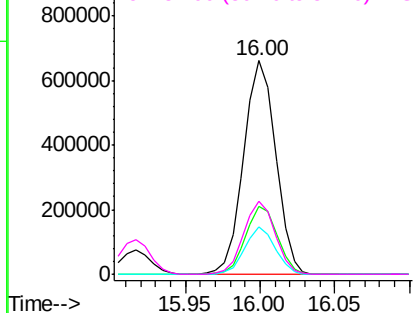
#63
Azobenzene
Concen: 40.837 ng
RT: 16.00 min Scan# 2197
Delta R.T. -0.00 min
Lab File: BG041664.D
Acq: 16 Jul 2019 12:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	981942
Ion	Ratio	Lower	Upper
77	100		
182	31.8	13.2	53.2
105	22.1	2.2	42.2
51	34.4	14.6	54.6

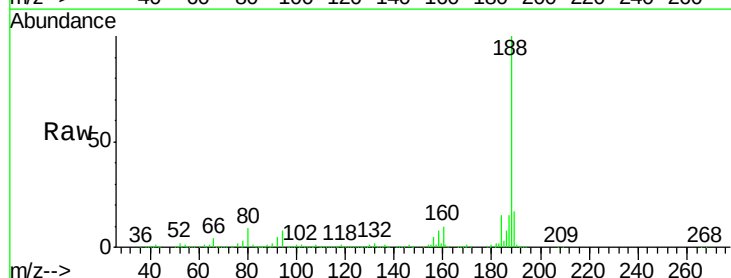


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

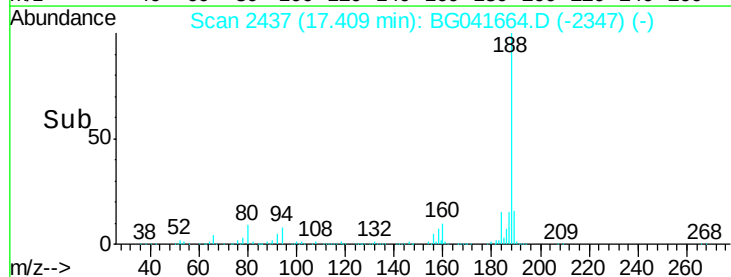
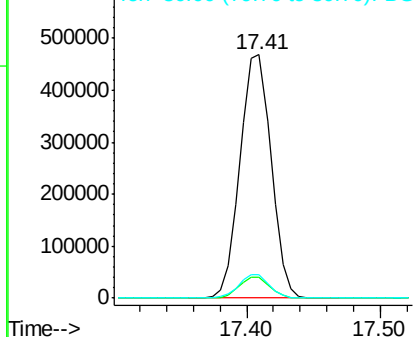


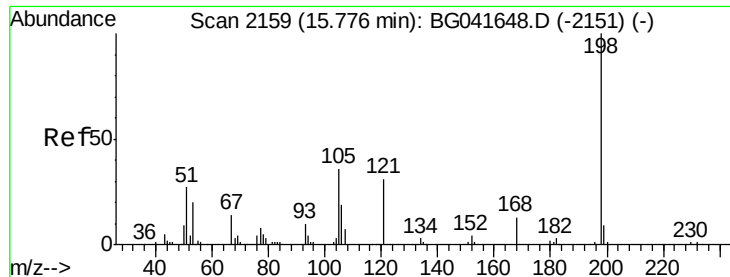
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. 0.00 min
Lab File: BG041664.D
Acq: 16 Jul 2019 12:30

Tgt Ion:	188	Resp:	754427
Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.9	10.3
80	9.4	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: 49.555 ng

RT: 15.78 min Scan# 2160

Delta R.T. 0.00 min

Lab File: BG041664.D

Acq: 16 Jul 2019 12:30

Instrument :

BNA_G

ClientSampleId :

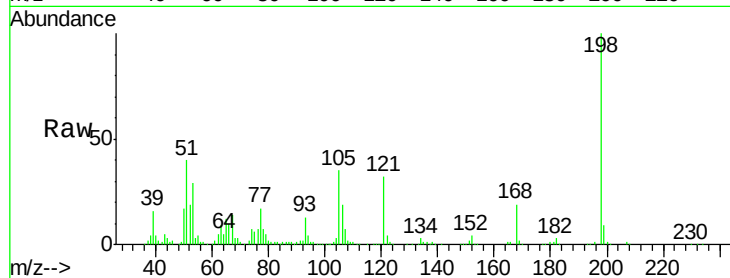
Tot Ion:198 Resp: 178375

Ion Ratio Lower Upper

198 100

51 40.1 22.3 62.3

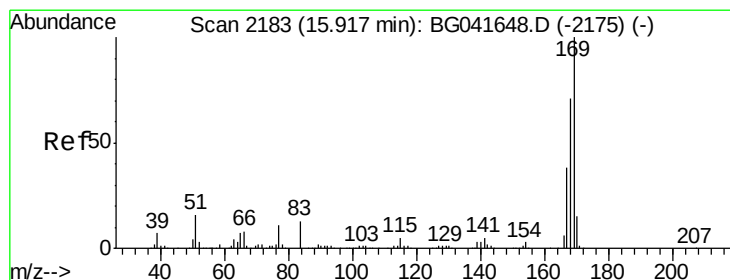
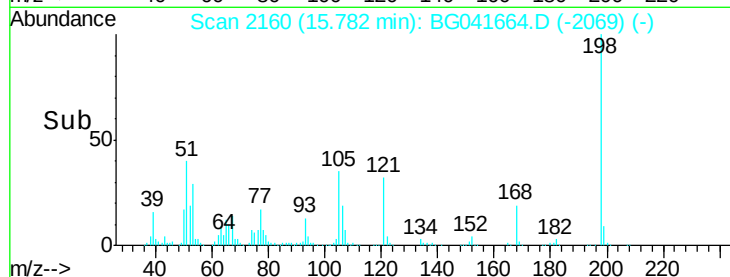
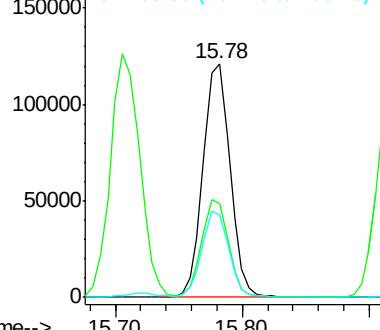
105 35.0 18.0 58.0



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: 44.015 ng

RT: 15.92 min Scan# 2183

Delta R.T. -0.00 min

Lab File: BG041664.D

Acq: 16 Jul 2019 12:30

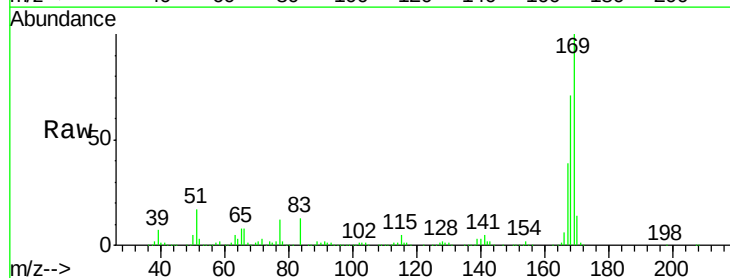
Tgt Ion:169 Resp: 975143

Ion Ratio Lower Upper

169 100

168 71.3 56.9 85.3

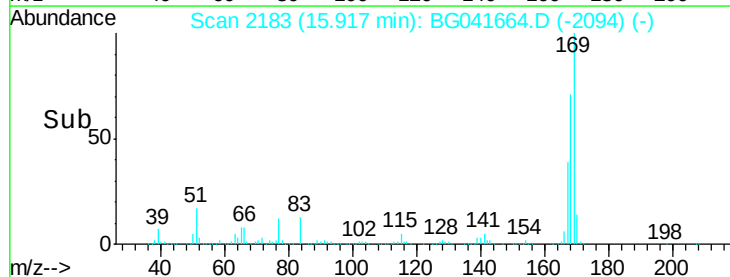
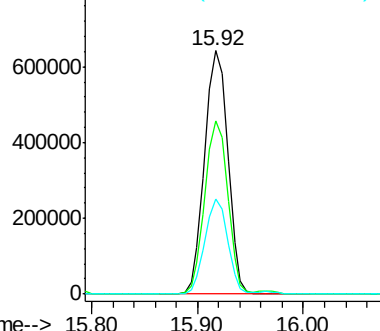
167 39.0 31.5 47.3

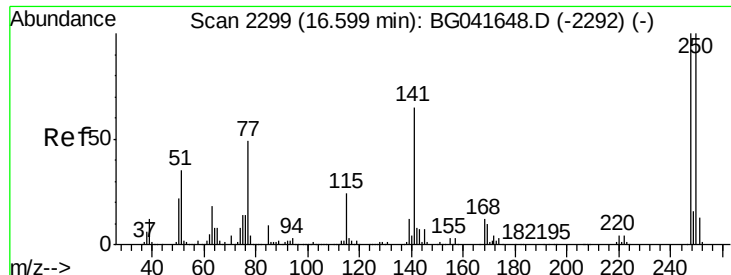


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

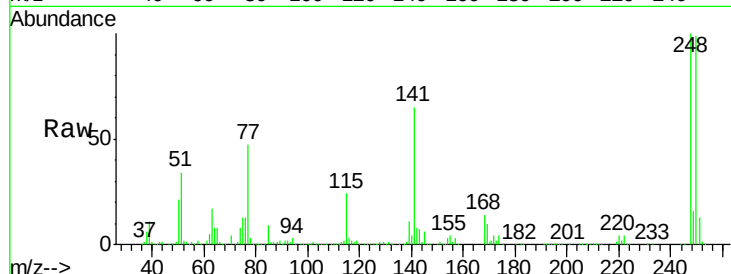




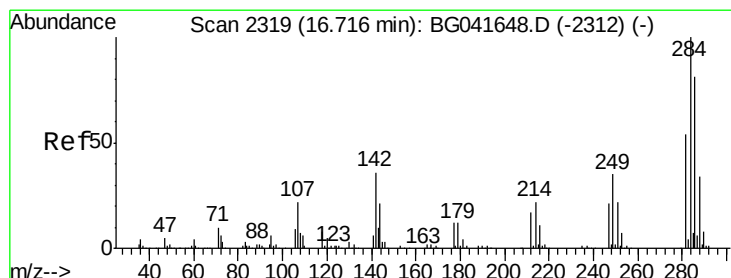
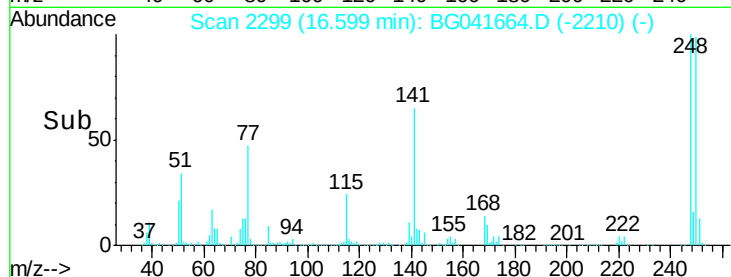
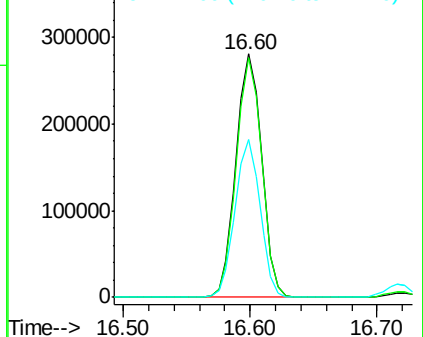
#67
4-Bromophenyl-phenylether
Concen: 43.870 ng
RT: 16.60 min Scan# 2299
Delta R.T. -0.00 min
Lab File: BG041664.D
Acq: 16 Jul 2019 12:30

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 393811
Ion Ratio Lower Upper
248 100
250 98.7 78.1 117.1
141 65.0 49.6 74.4

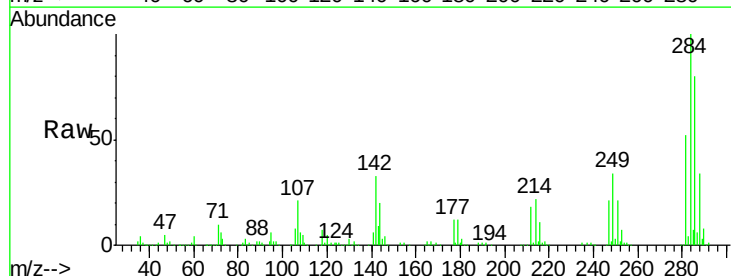


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

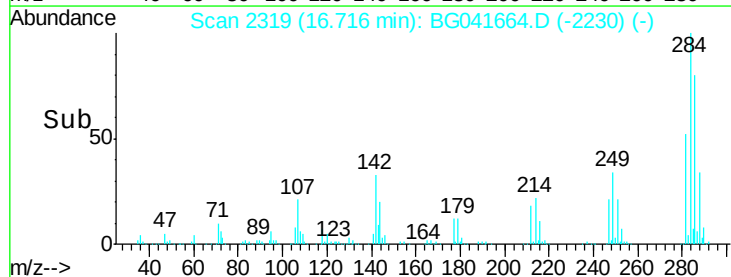
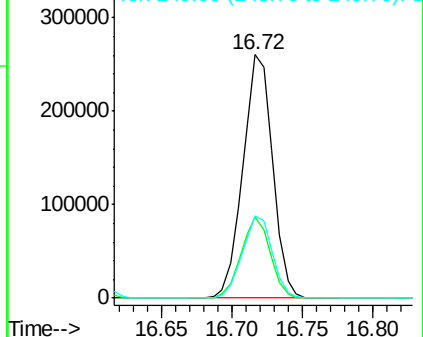


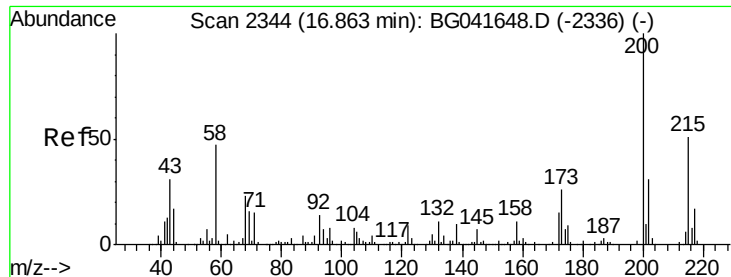
#68
Hexachlorobenzene
Concen: 42.479 ng
RT: 16.72 min Scan# 2319
Delta R.T. -0.00 min
Lab File: BG041664.D
Acq: 16 Jul 2019 12:30

Tgt Ion:284 Resp: 383990
Ion Ratio Lower Upper
284 100
142 33.4 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: 45.542 ng

RT: 16.86 min Scan# 2344

Delta R.T. -0.00 min

Lab File: BG041664.D

Acq: 16 Jul 2019 12:30

Instrument :

BNA_G

ClientSampleId :

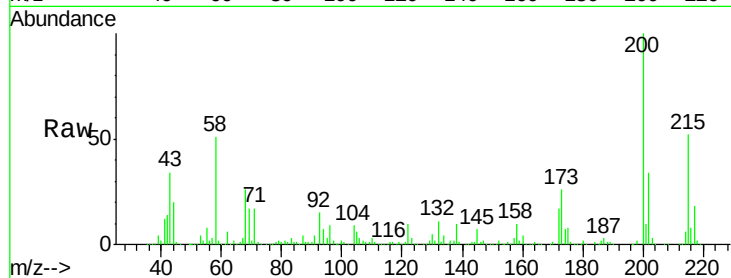
Tot Ion:200 Resp: 366156

Ion Ratio Lower Upper

200 100

173 25.5 5.3 45.3

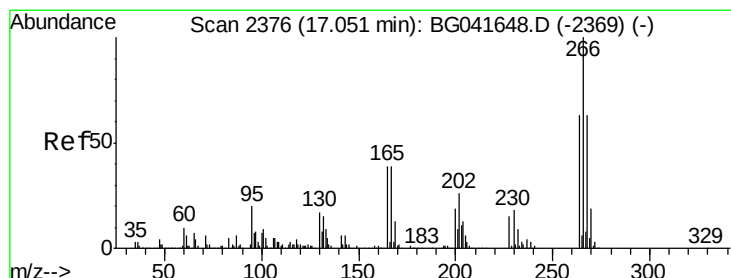
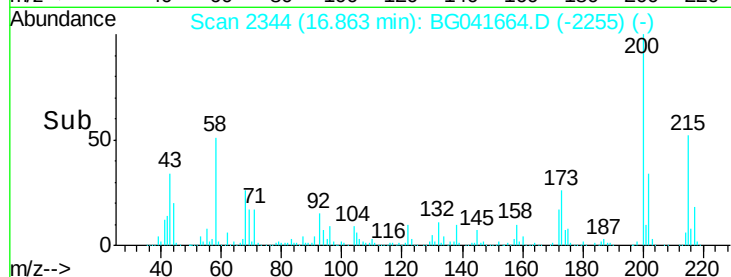
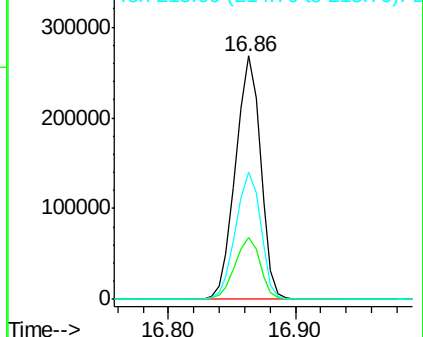
215 52.3 31.8 71.8



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: 90.167 ng

RT: 17.06 min Scan# 2377

Delta R.T. 0.00 min

Lab File: BG041664.D

Acq: 16 Jul 2019 12:30

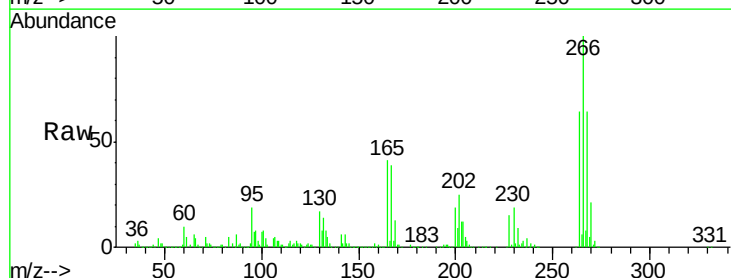
Tgt Ion:266 Resp: 509626

Ion Ratio Lower Upper

266 100

268 64.2 52.9 79.3

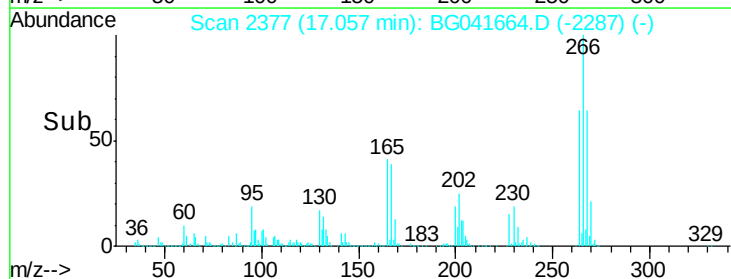
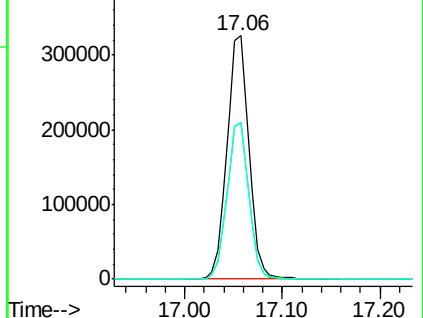
264 64.3 51.4 77.2

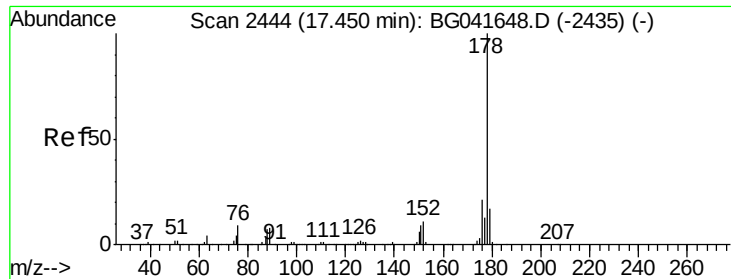


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

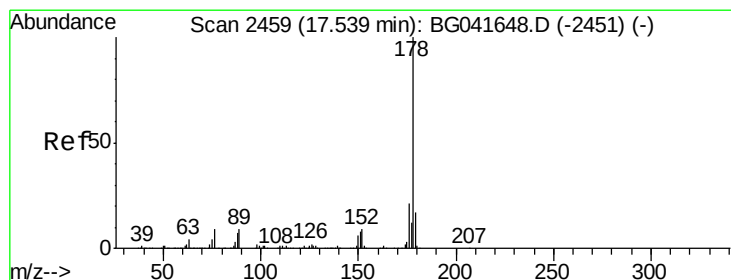
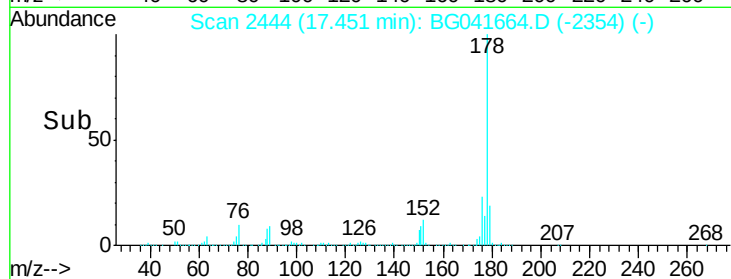
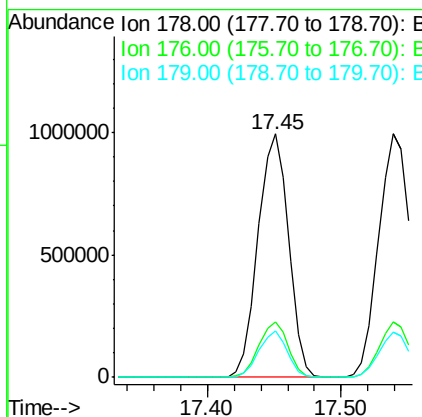
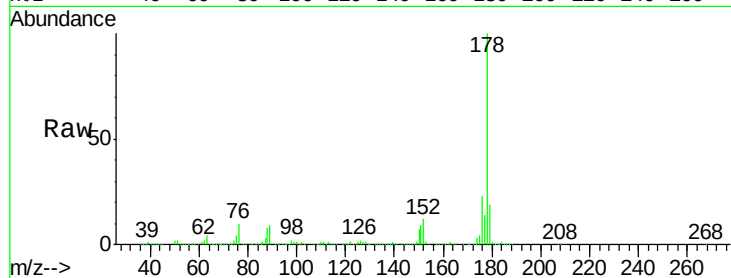




#71
 Phenanthrene
 Concen: 41.335 ng
 RT: 17.45 min Scan# 2444
 Delta R.T. 0.00 min
 Lab File: BG041664.D
 Acq: 16 Jul 2019 12:30

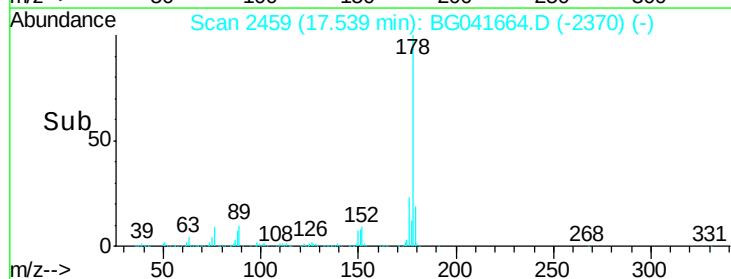
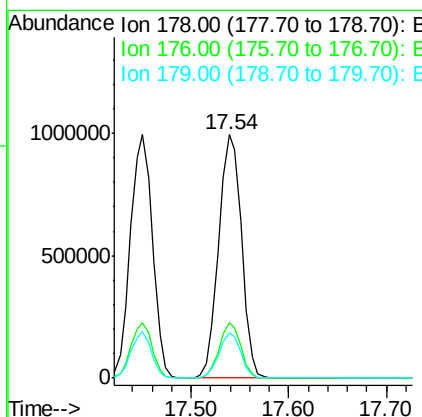
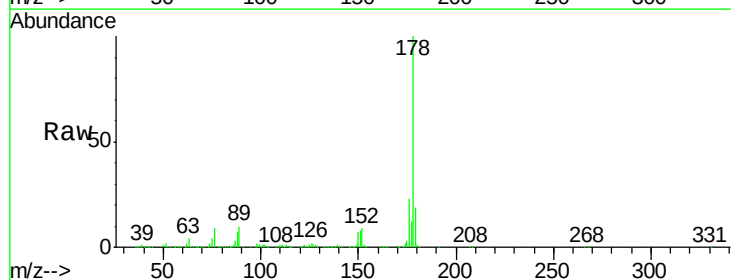
Instrument :
 BNA_G
 ClientSampled :

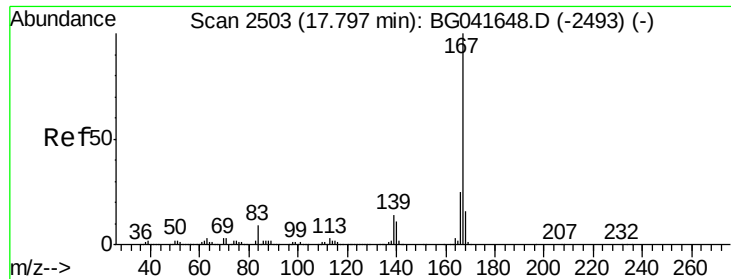
Tot Ion:178 Resp: 1570460
 Ion Ratio Lower Upper
 178 100
 176 23.0 18.6 28.0
 179 19.0 15.4 23.0



#72
 Anthracene
 Concen: 42.506 ng
 RT: 17.54 min Scan# 2459
 Delta R.T. -0.00 min
 Lab File: BG041664.D
 Acq: 16 Jul 2019 12:30

Tgt Ion:178 Resp: 1609748
 Ion Ratio Lower Upper
 178 100
 176 22.7 18.6 28.0
 179 18.8 15.1 22.7





#73

Carbazole

Concen: 41.227 ng

RT: 17.80 min Scan# 2504

Delta R.T. 0.00 min

Lab File: BG041664.D

Acq: 16 Jul 2019 12:30

Instrument :

BNA_G

ClientSampleId :

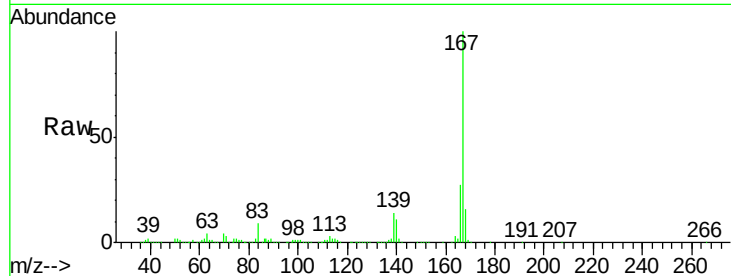
Tot Ion:167 Resp: 1448004

Ion Ratio Lower Upper

167 100

166 26.6 21.4 32.2

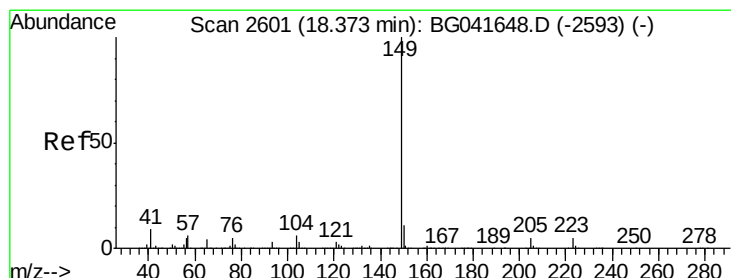
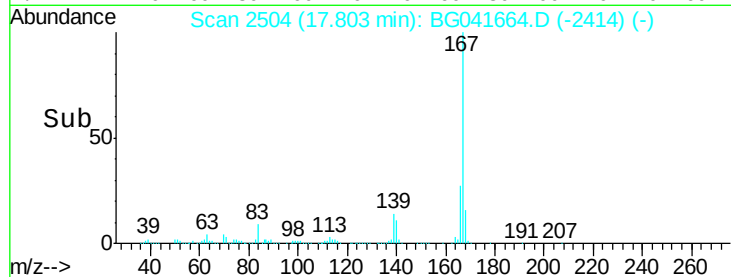
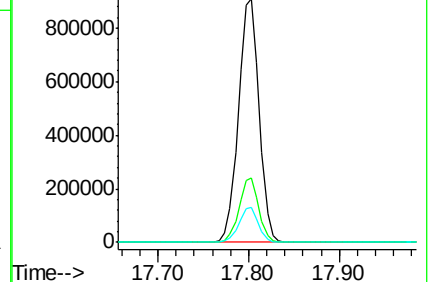
139 14.3 12.1 18.1



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 37.356 ng

RT: 18.37 min Scan# 2601

Delta R.T. 0.00 min

Lab File: BG041664.D

Acq: 16 Jul 2019 12:30

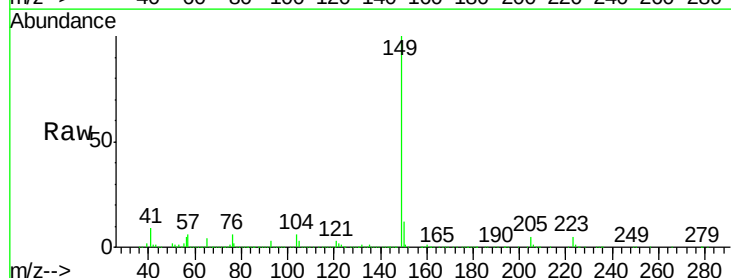
Tgt Ion:149 Resp: 1600272

Ion Ratio Lower Upper

149 100

150 11.9 10.2 15.2

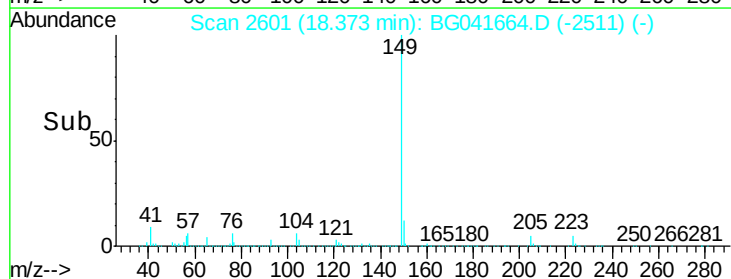
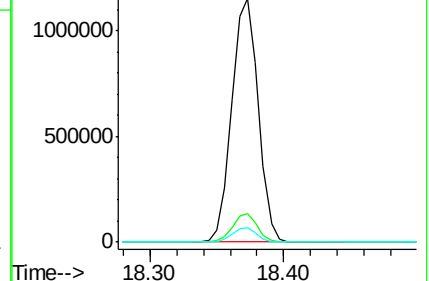
104 6.0 5.3 7.9

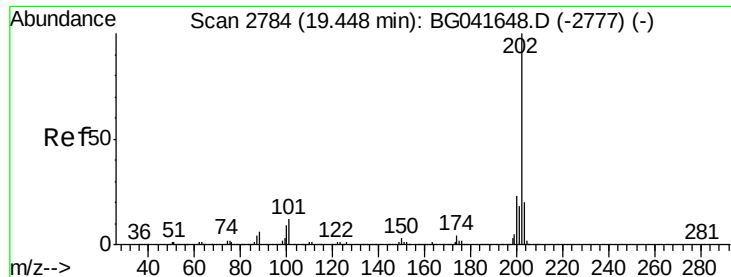


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 37.204 ng

RT: 19.45 min Scan# 2784

Delta R.T. -0.00 min

Lab File: BG041664.D

Acq: 16 Jul 2019 12:30

Instrument :

BNA_G

ClientSampleId :

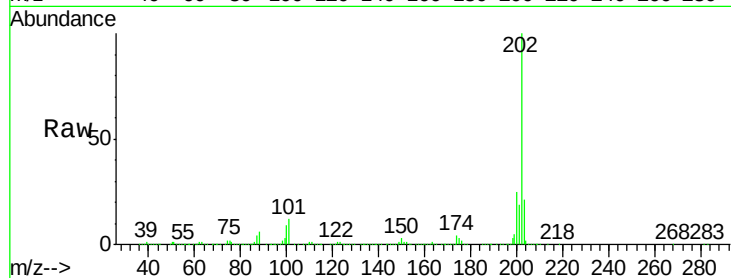
Tot Ion:202 Resp: 1735634

Ion Ratio Lower Upper

202 100

101 11.8 0.0 32.8

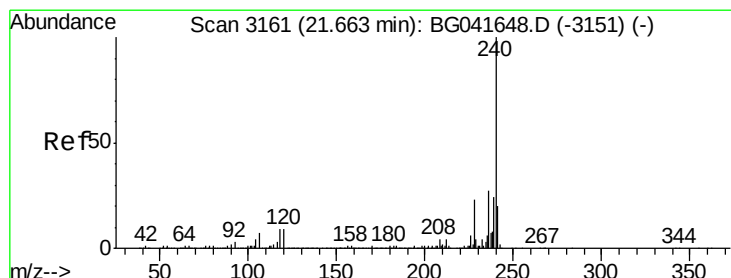
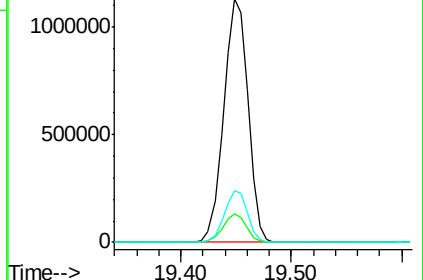
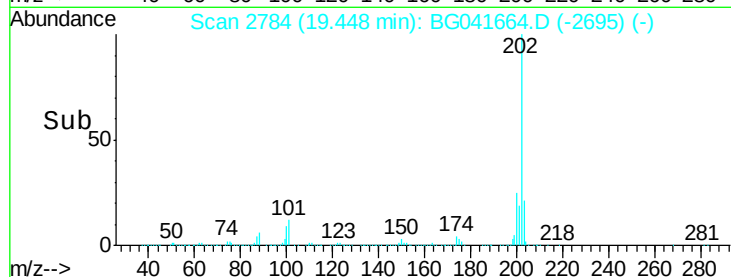
203 21.4 3.7 43.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3160

Delta R.T. -0.00 min

Lab File: BG041664.D

Acq: 16 Jul 2019 12:30

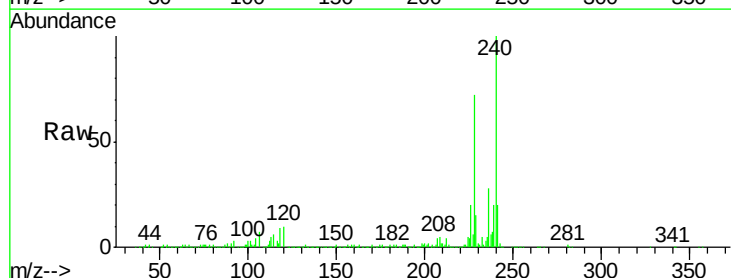
Tgt Ion:240 Resp: 603892

Ion Ratio Lower Upper

240 100

120 10.4 8.0 12.0

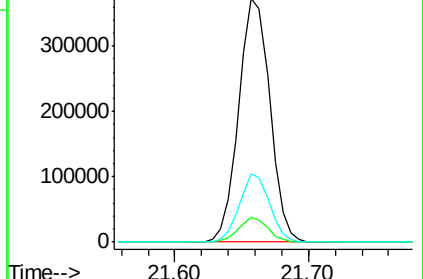
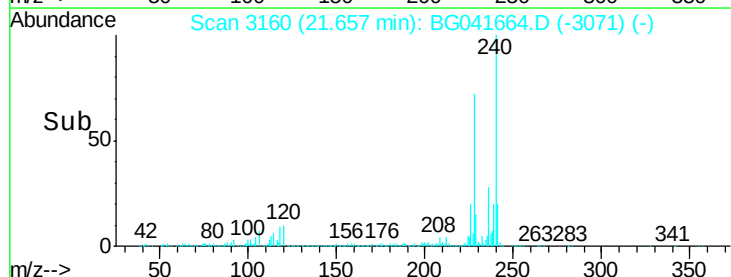
236 28.0 22.6 33.8

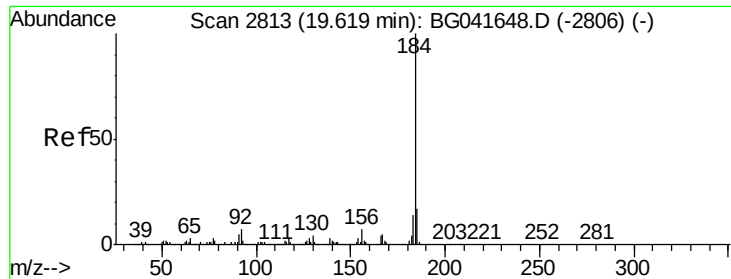


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 26.364 ng

RT: 19.62 min Scan# 2813

Delta R.T. -0.00 min

Lab File: BG041664.D

Acq: 16 Jul 2019 12:30

Instrument :

BNA_G

ClientSampleId :

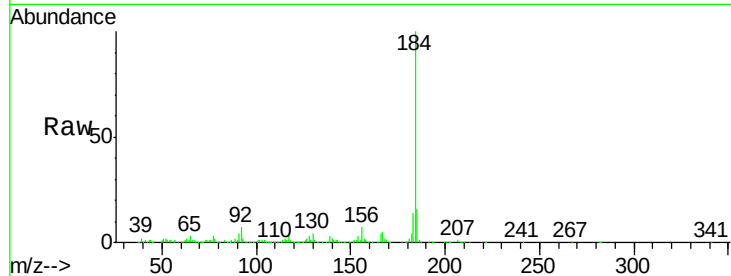
Tot Ion:184 Resp: 613588

Ion Ratio Lower Upper

184 100

185 15.7 13.0 19.4

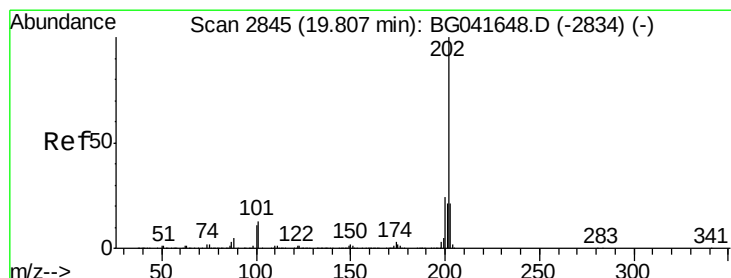
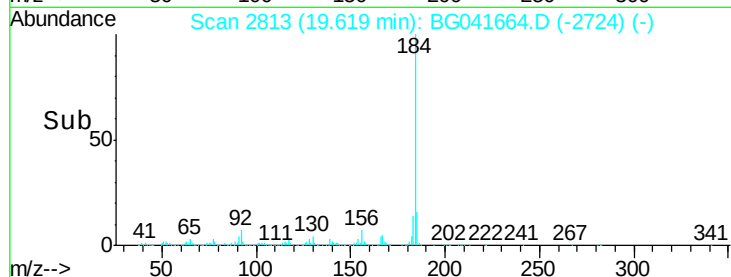
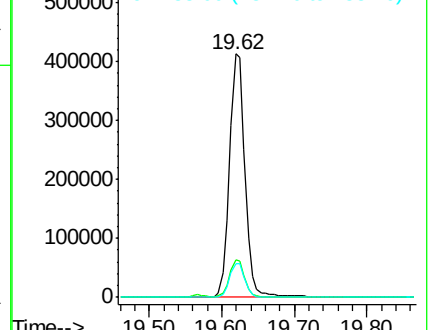
183 13.7 11.8 17.6



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: 42.094 ng

RT: 19.81 min Scan# 2845

Delta R.T. -0.00 min

Lab File: BG041664.D

Acq: 16 Jul 2019 12:30

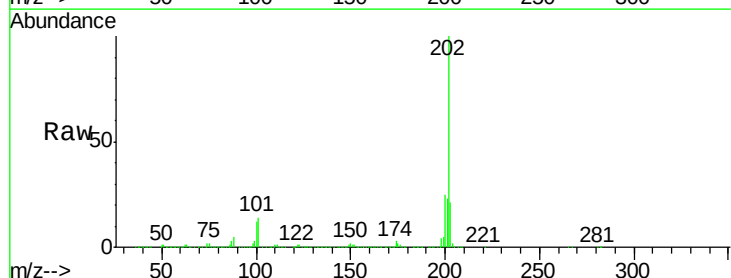
Tgt Ion:202 Resp: 1719249

Ion Ratio Lower Upper

202 100

200 25.4 22.2 33.2

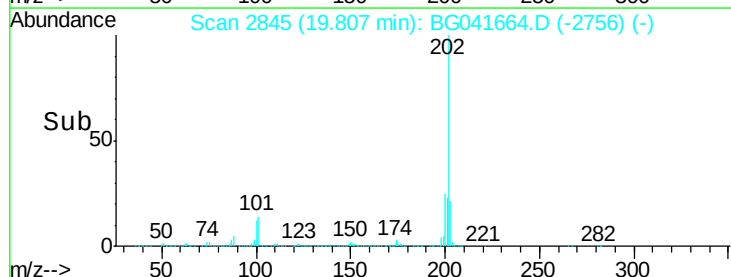
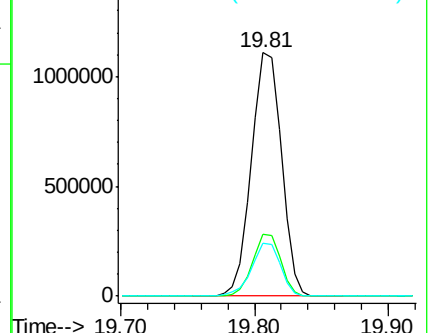
203 21.5 18.9 28.3

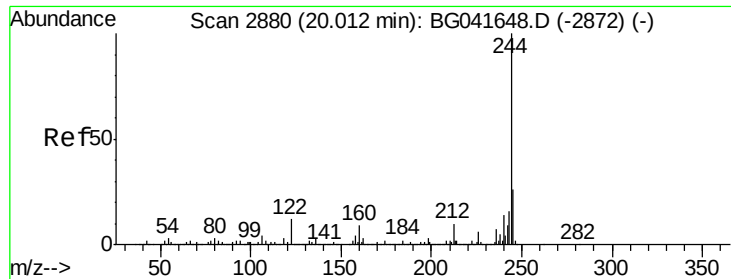


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 86.667 ng

RT: 20.01 min Scan# 2880

Delta R.T. 0.00 min

Lab File: BG041664.D

Acq: 16 Jul 2019 12:30

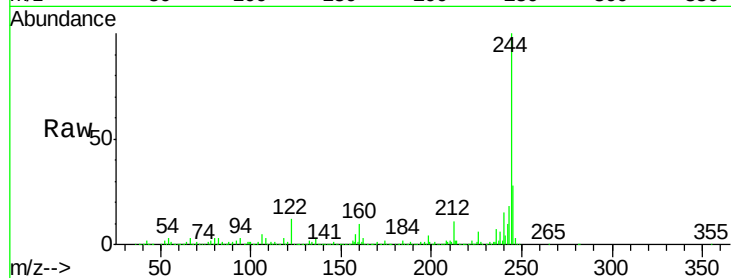
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 2239631

Ion	Ratio	Lower	Upper
244	100		
212	10.7	9.7	14.5
122	12.5	12.5	18.7

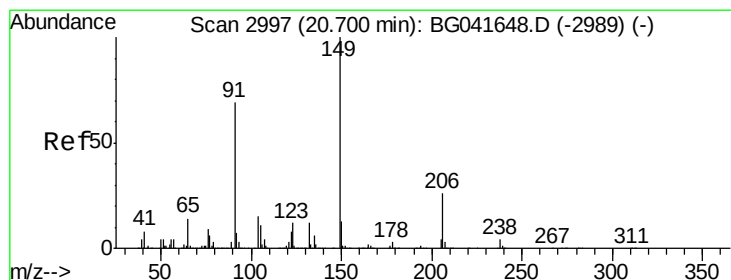
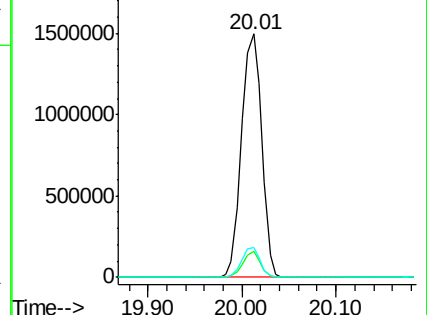
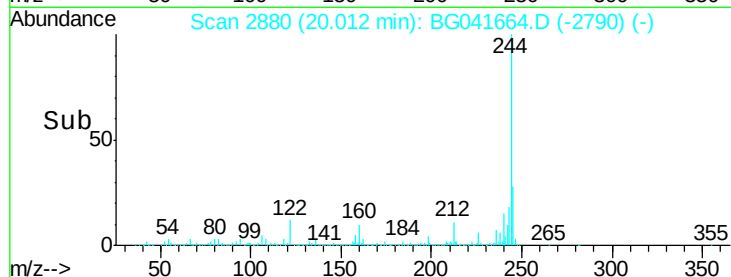


Abundance

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: 42.028 ng

RT: 20.70 min Scan# 2997

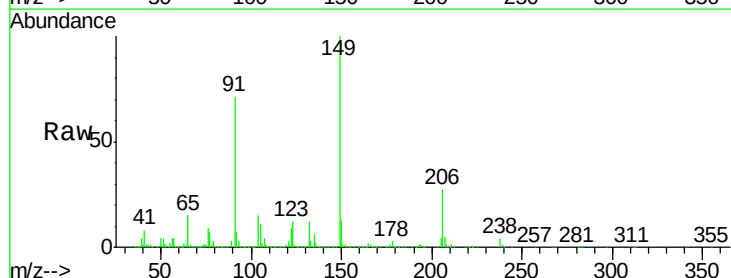
Delta R.T. 0.00 min

Lab File: BG041664.D

Acq: 16 Jul 2019 12:30

Tgt Ion:149 Resp: 713296

Ion	Ratio	Lower	Upper
149	100		
91	70.5	58.9	88.3
206	27.1	20.8	31.2

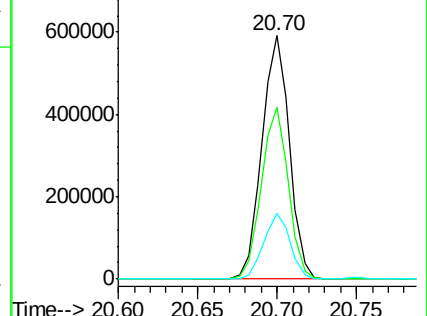
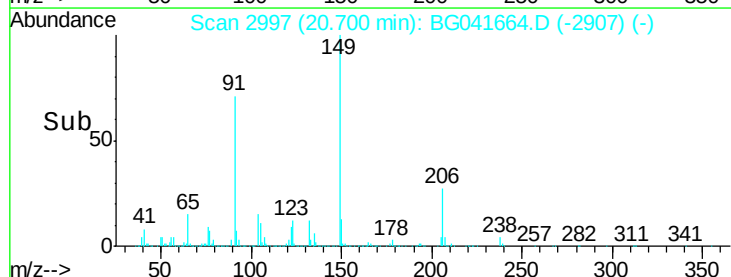


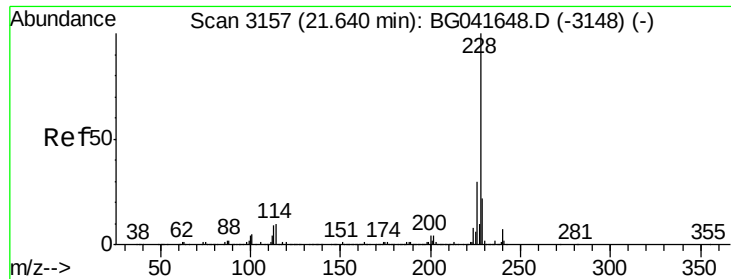
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG0

Ion 206.00 (205.70 to 206.70): E

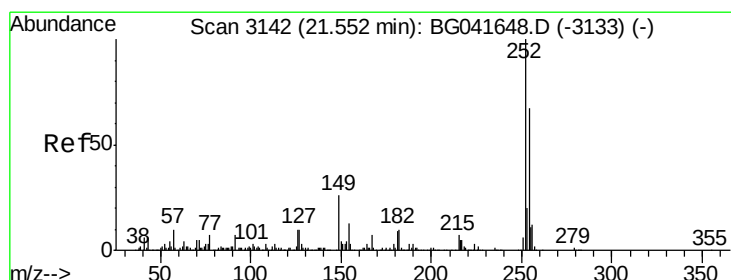
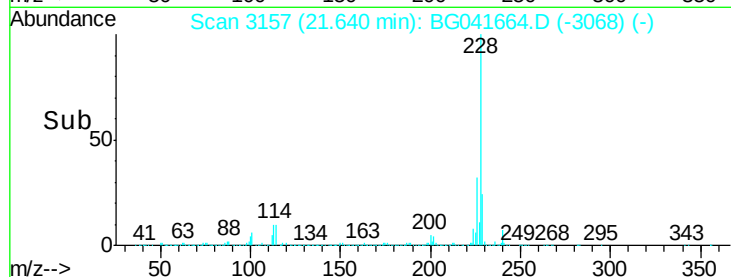
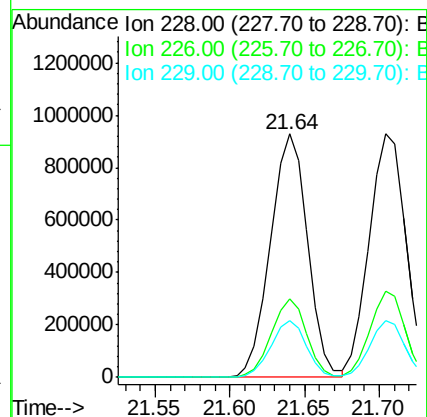
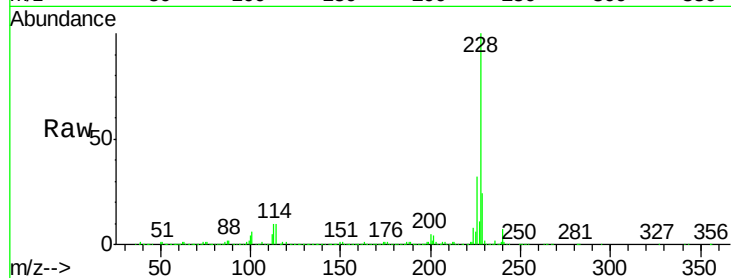




#81
Benzo(a)anthracene
Concen: 41.255 ng
RT: 21.64 min Scan# 3157
Delta R.T. -0.00 min
Lab File: BG041664.D
Acq: 16 Jul 2019 12:30

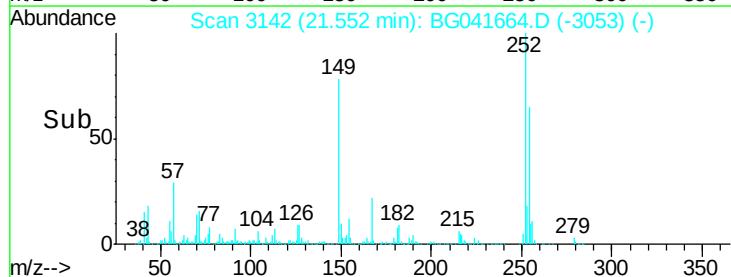
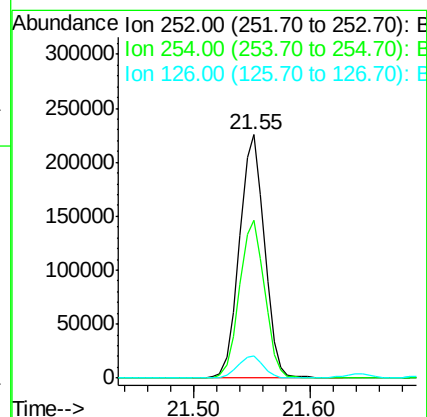
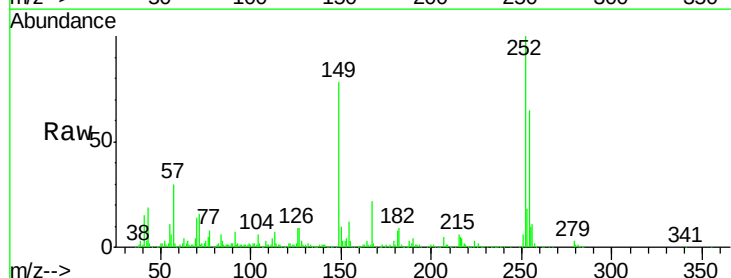
Instrument :
BNA_G
ClientSampleId :

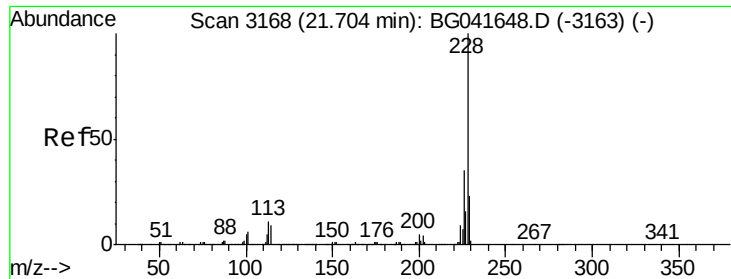
Tot Ion:228 Resp: 1609682
Ion Ratio Lower Upper
228 100
226 32.3 27.3 40.9
229 23.6 19.7 29.5



#82
3,3'-Dichlorobenzidine
Concen: 22.097 ng
RT: 21.55 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BG041664.D
Acq: 16 Jul 2019 12:30

Tgt Ion:252 Resp: 339272
Ion Ratio Lower Upper
252 100
254 64.8 53.8 80.6
126 8.9 7.8 11.8





#83

Chrysene

Concen: 41.854 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.00 min

Lab File: BG041664.D

Acq: 16 Jul 2019 12:30

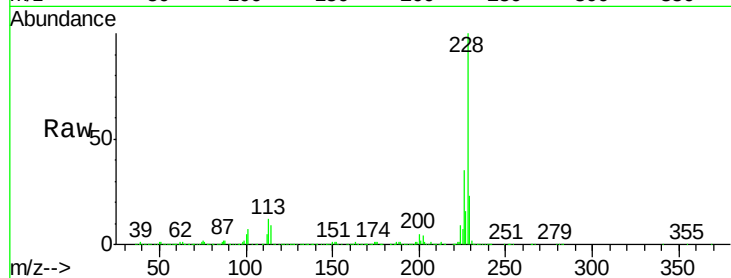
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1560448

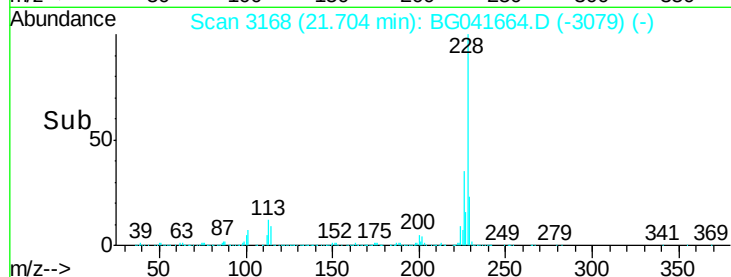
Ion	Ratio	Lower	Upper
228	100		
226	35.4	30.1	45.1
229	23.4	19.8	29.6



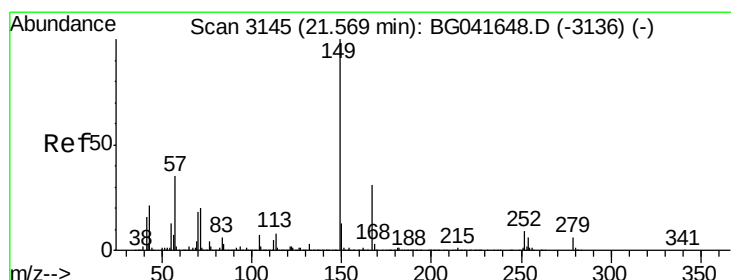
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.817 ng

RT: 21.57 min Scan# 3145

Delta R.T. -0.00 min

Lab File: BG041664.D

Acq: 16 Jul 2019 12:30

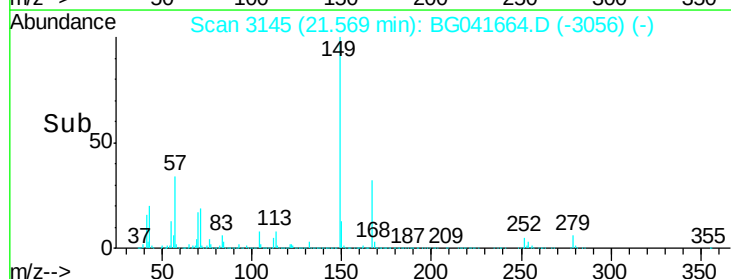
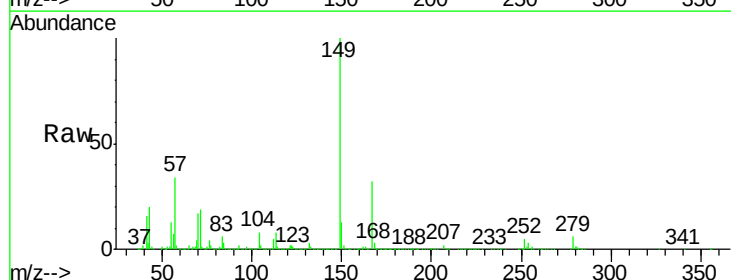
Tgt Ion:149 Resp: 1002065

Ion	Ratio	Lower	Upper
149	100		
167	32.5	27.0	40.4
279	6.1	5.0	7.6

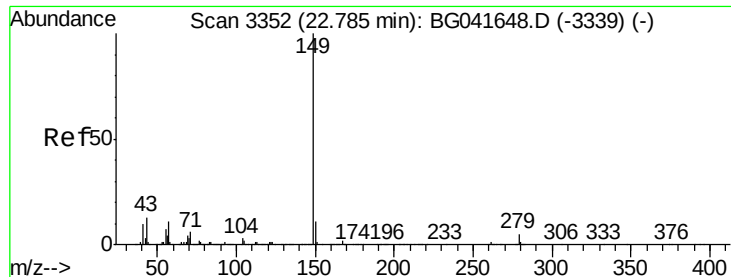
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#85

Di-n-octyl phthalate

Concen: 42.535 ng

RT: 22.78 min Scan# 3351

Delta R.T. -0.00 min

Lab File: BG041664.D

Acq: 16 Jul 2019 12:30

Instrument :

BNA_G

ClientSampleId :

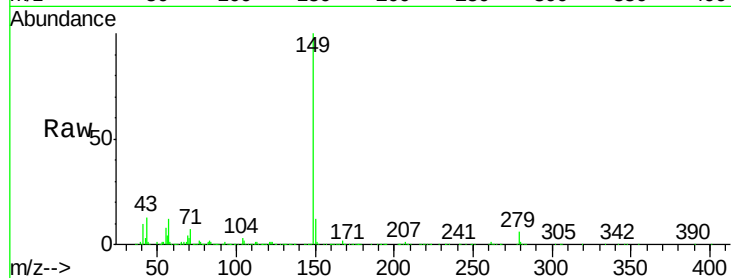
Tot Ion:149 Resp: 1735827

Ion Ratio Lower Upper

149 100

167 1.9 1.6 2.4

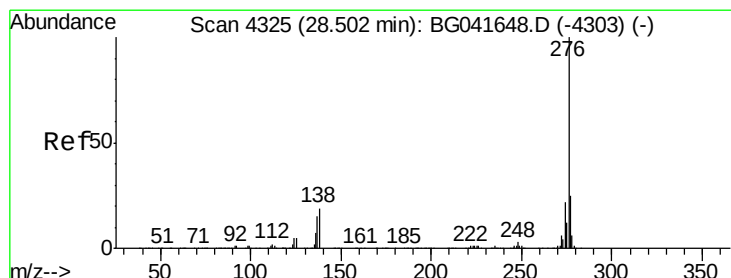
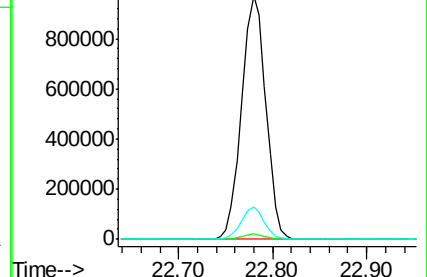
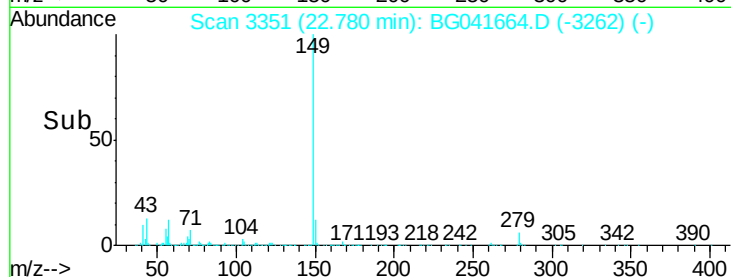
43 12.3 10.6 16.0



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: 42.338 ng

RT: 28.51 min Scan# 4327

Delta R.T. -0.01 min

Lab File: BG041664.D

Acq: 16 Jul 2019 12:30

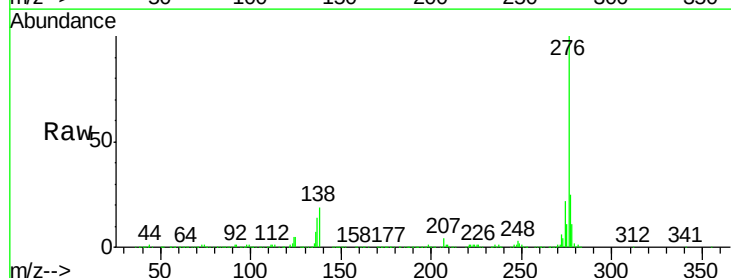
Tgt Ion:276 Resp: 2082750

Ion Ratio Lower Upper

276 100

138 16.8 19.4 29.0#

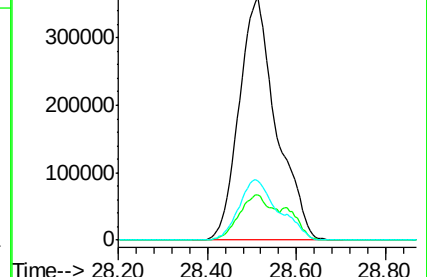
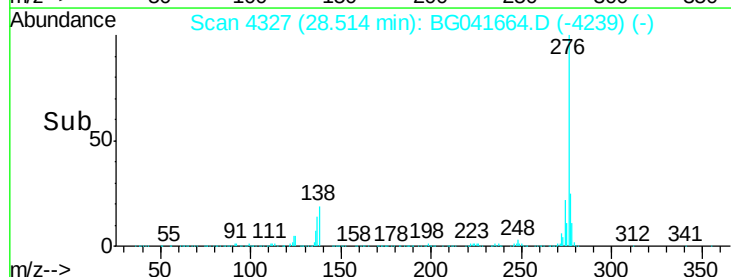
277 26.6 21.2 31.8

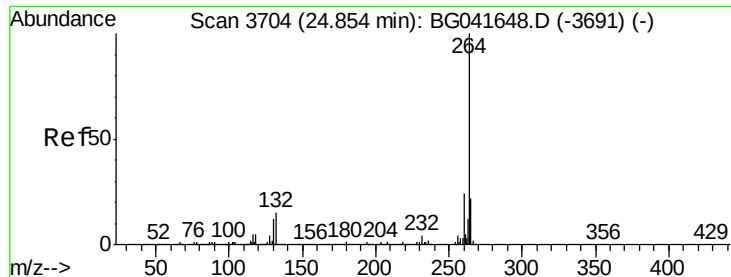


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



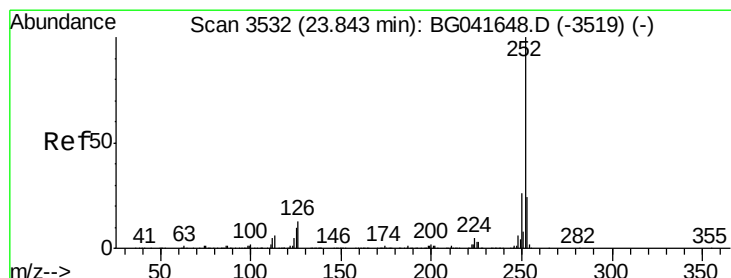
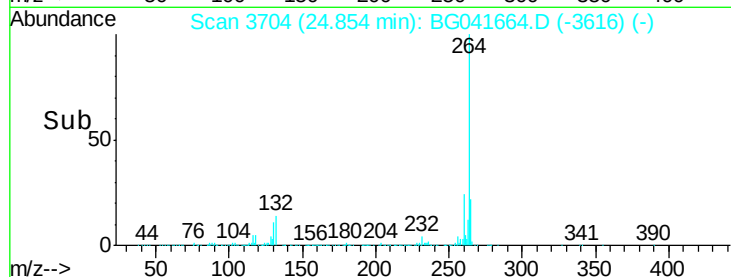
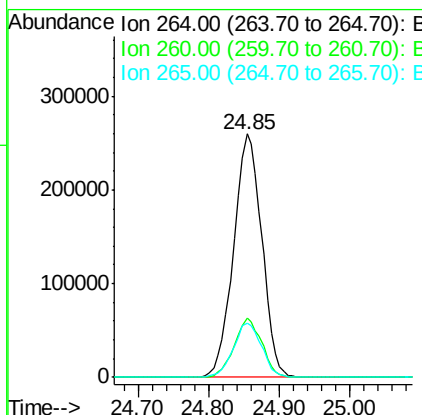
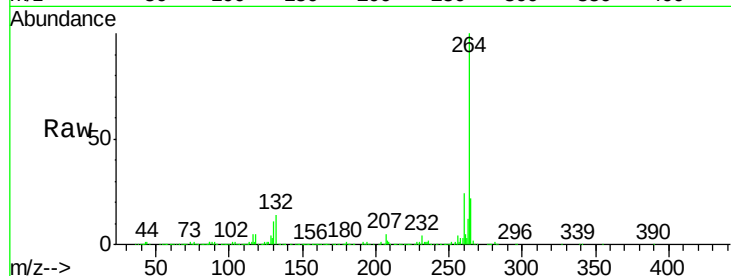


#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.85 min Scan# 3704
Delta R.T. -0.01 min
Lab File: BG041664.D
Acq: 16 Jul 2019 12:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 719781

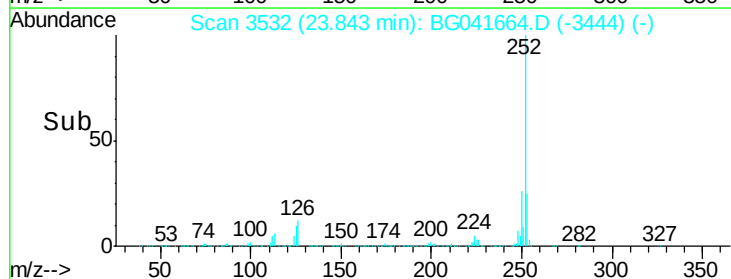
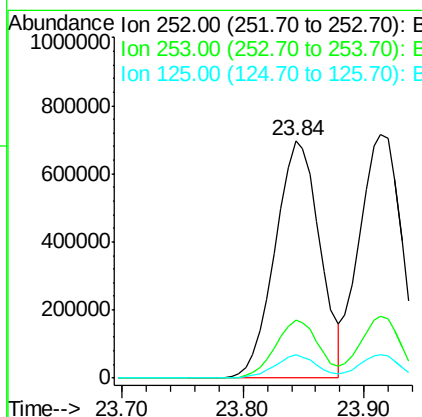
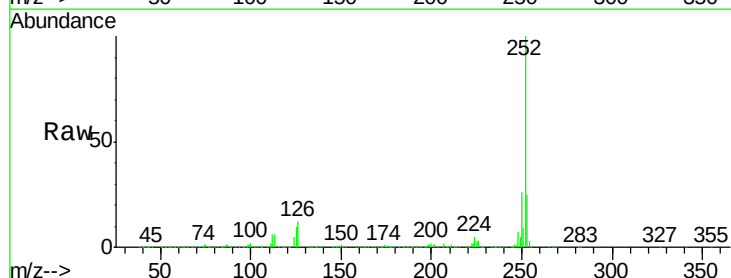
Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	22.3	18.0	27.0

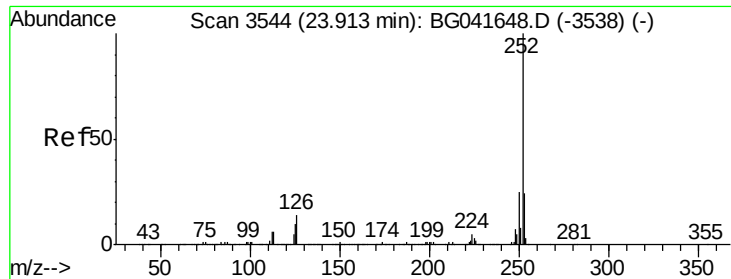


#88
Benzo(b)fluoranthene
Concen: 40.997 ng
RT: 23.84 min Scan# 3532
Delta R.T. -0.01 min
Lab File: BG041664.D
Acq: 16 Jul 2019 12:30

Tgt Ion:252 Resp: 1789914

Ion	Ratio	Lower	Upper
252	100		
253	24.6	20.6	30.8
125	10.0	8.0	12.0





#89

Benzo(k)fluoranthene

Concen: 42.879 ng

RT: 23.91 min Scan# 3544

Delta R.T. -0.00 min

Lab File: BG041664.D

Acq: 16 Jul 2019 12:30

Instrument :

BNA_G

ClientSampled :

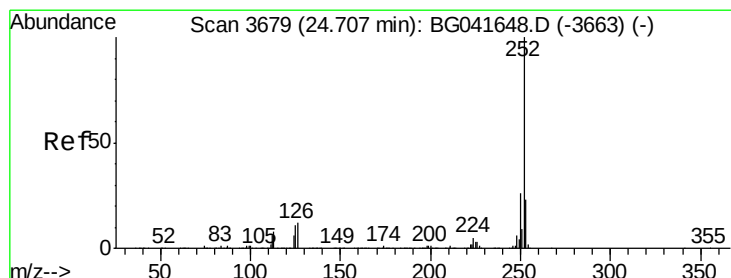
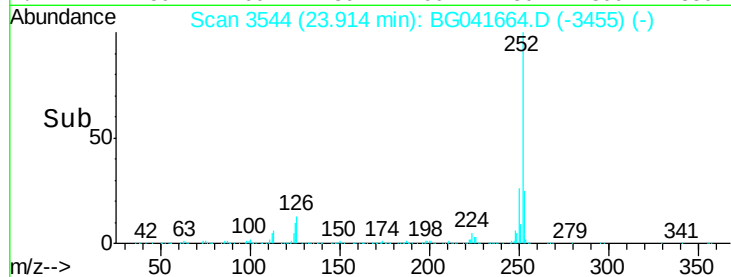
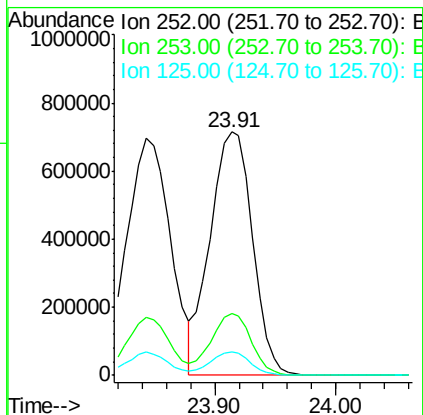
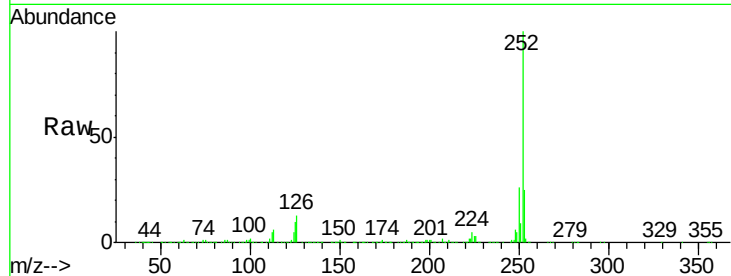
Tot Ion:252 Resp: 1734696

Ion Ratio Lower Upper

252 100

253 25.2 20.5 30.7

125 9.7 8.4 12.6



#90

Benzo(a)pyrene

Concen: 42.750 ng

RT: 24.71 min Scan# 3679

Delta R.T. -0.01 min

Lab File: BG041664.D

Acq: 16 Jul 2019 12:30

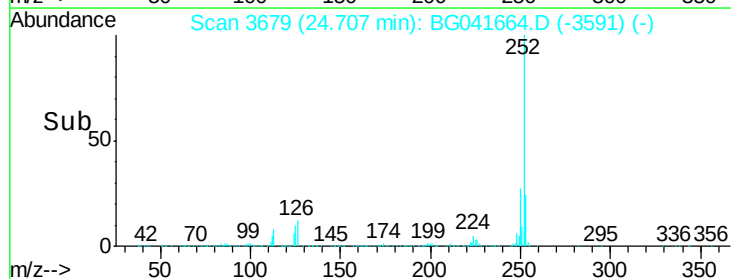
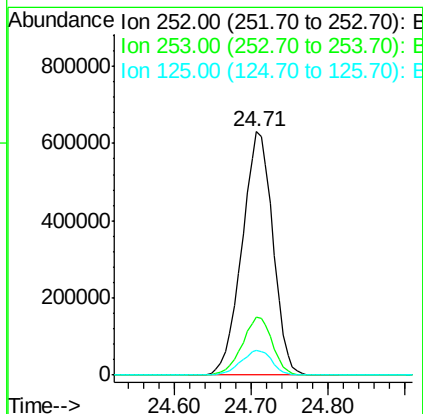
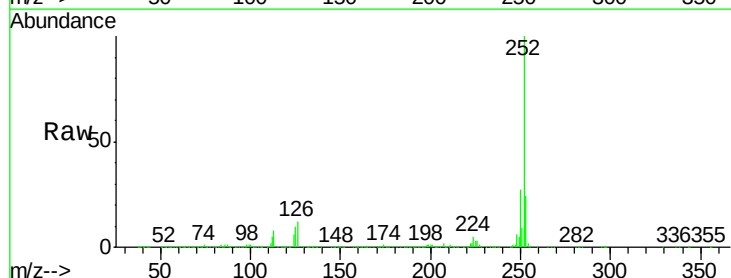
Tgt Ion:252 Resp: 1765925

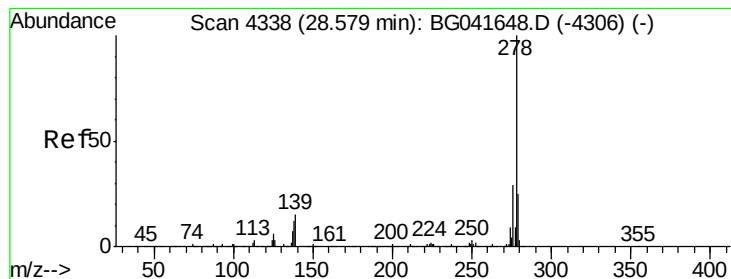
Ion Ratio Lower Upper

252 100

253 24.1 19.8 29.8

125 10.2 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 42.507 ng

RT: 28.58 min Scan# 4338

Delta R.T. -0.02 min

Lab File: BG041664.D

Acq: 16 Jul 2019 12:30

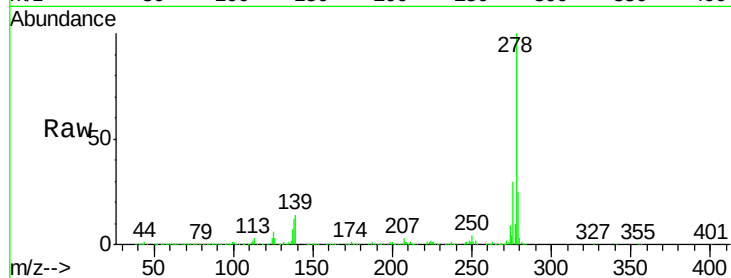
Instrument :

BNA_G

ClientSampled :

Tot Ion:278 Resp: 1702517

Ion	Ratio	Lower	Upper
278	100		
139	14.0	12.6	19.0
279	24.7	20.5	30.7

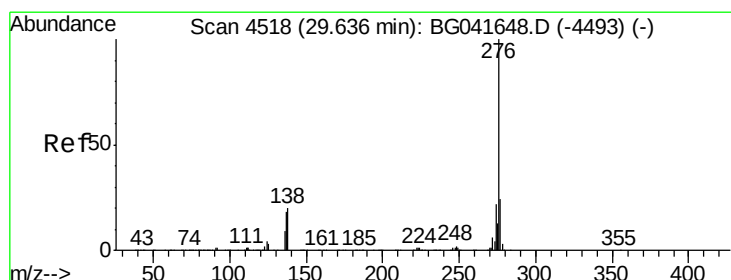
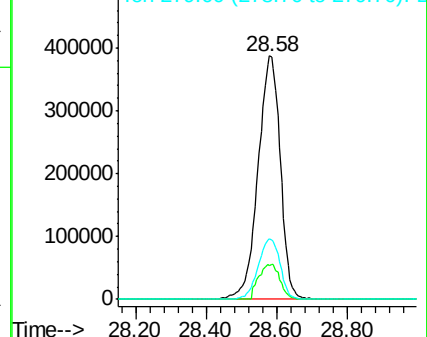
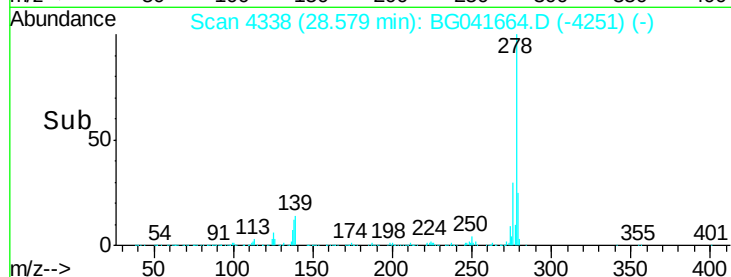


Abundance

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: 42.548 ng

RT: 29.64 min Scan# 4519

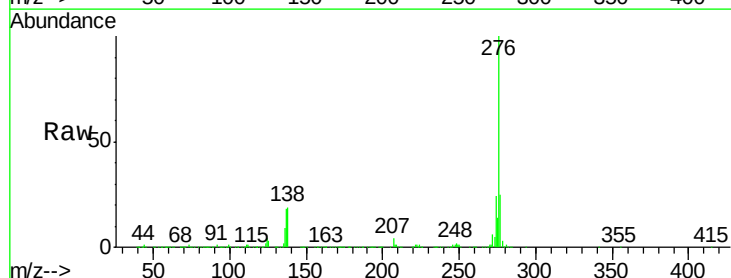
Delta R.T. -0.02 min

Lab File: BG041664.D

Acq: 16 Jul 2019 12:30

Tgt Ion:276 Resp: 1707747

Ion	Ratio	Lower	Upper
276	100		
277	25.4	19.8	29.8
138	19.4	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

