

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073019\
 Data File : BG041821.D
 Acq On : 31 Jul 2019 3:36
 Operator : HP/JU
 Sample : K4021-04MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 31 06:59:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 07:53:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	92318	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	348311	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	277261	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	620299	20.00	ng	0.00
76) Chrysene-d12	21.74	240	667022	20.00	ng	0.00
87) Perylene-d12	25.01	264	791448	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.59	112	598793	126.20	ng	0.00
7) Phenol-d6	7.20	99	773960	120.99	ng	0.00
23) Nitrobenzene-d5	9.21	82	548457	108.36	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	500253	158.85	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1497817	95.28	ng	0.00
79) Terphenyl-d14	20.07	244	2490199	85.43	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.48	88	79420	35.562	ng	# 37
3) Pyridine	3.88	79	174761	28.536	ng	90
4) n-Nitrosodimethylamine	3.78	42	99500	40.984	ng	91
6) Aniline	7.36	93	154001	17.097	ng	96
8) 2-Chlorophenol	7.61	128	260826	48.005	ng	94
9) Benzaldehyde	7.17	77	132348	29.403	ng	97
10) Phenol	7.23	94	278496	41.848	ng	98
11) bis(2-Chloroethyl)ether	7.45	93	233311	42.644	ng	93
12) 1,3-Dichlorobenzene	7.94	146	297484	41.950	ng	98
13) 1,4-Dichlorobenzene	8.08	146	304824	42.959	ng	98
14) 1,2-Dichlorobenzene	8.40	146	284762	42.058	ng	95
15) Benzyl Alcohol	8.28	79	225943	44.896	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.58	45	387562	39.817	ng	98
17) 2-Methylphenol	8.48	107	221182	45.700	ng	99
18) Hexachloroethane	9.14	117	105617	43.466	ng	91
19) n-Nitroso-di-n-propylamine	8.85	70	197259	42.474	ng	# 91
20) 3+4-Methylphenols	8.81	107	304610	45.992	ng	99
22) Acetophenone	8.87	105	385062	49.425	ng	# 91
24) Nitrobenzene	9.25	77	275602	51.686	ng	97
25) Isophorone	9.78	82	553024	50.227	ng	99
26) 2-Nitrophenol	9.97	139	152775	61.733	ng	94
27) 2,4-Dimethylphenol	10.03	122	261077	59.773	ng	99
28) bis(2-Chloroethoxy)methane	10.26	93	325521	47.310	ng	99
29) 2,4-Dichlorophenol	10.51	162	304341	57.217	ng	96
30) 1,2,4-Trichlorobenzene	10.73	180	320239	47.478	ng	99
31) Naphthalene	10.92	128	793449	49.773	ng	97
32) Benzoic acid	10.15	122	89011	32.068	ng	94
33) 4-Chloroaniline	11.02	127	26686	3.530	ng	95
34) Hexachlorobutadiene	11.22	225	210379	46.214	ng	100
35) Caprolactam	11.79	113	38718	20.946	ng	# 71
36) 4-Chloro-3-methylphenol	12.14	107	320729	60.821	ng	95
37) 2-Methylnaphthalene	12.53	142	636681	50.458	ng	99
38) 1-Methylnaphthalene	12.75	142	609344	50.958	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	405668	46.222	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	407088	82.500	ng	99
43) 2,4,6-Trichlorophenol	13.13	196	293953	52.992	ng	96
44) 2,4,5-Trichlorophenol	13.20	196	321546	55.781	ng	93
46) 1,1'-Biphenyl	13.54	154	849914	47.686	ng	97
47) 2-Chloronaphthalene	13.58	162	697702	45.979	ng	96
48) 2-Nitroaniline	13.77	65	211867	55.051	ng	91
49) Acenaphthylene	14.42	152	1132886	49.910	ng	99
50) Dimethylphthalate	14.15	163	1004085	53.026	ng	100
51) 2,6-Dinitrotoluene	14.26	165	233745	59.034	ng	90
52) Acenaphthene	14.76	154	784966	53.171	ng	99
53) 3-Nitroaniline	14.59	138	55234	13.039	ng	# 94
54) 2,4-Dinitrophenol	14.80	184	223580	89.222	ng	91
55) Dibenzofuran	15.10	168	1128497	49.976	ng	96
56) 4-Nitrophenol	14.90	139	349673	108.750	ng	95
57) 2,4-Dinitrotoluene	15.06	165	319757	58.723	ng	91
58) Fluorene	15.75	166	917659	50.640	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.33	232	315328	55.231	ng	93
60) Diethylphthalate	15.52	149	936846	50.394	ng	98
61) 4-Chlorophenyl-phenylether	15.75	204	548153	49.549	ng	94
62) 4-Nitroaniline	15.76	138	230371	50.210	ng	98
63) Azobenzene	16.04	77	749461	49.351	ng	94
65) 4,6-Dinitro-2-methylphenol	15.82	198	183957	58.795	ng	87
66) n-Nitrosodiphenylamine	15.96	169	878413	51.988	ng	99
67) 4-Bromophenyl-phenylether	16.64	248	378849	49.582	ng	96
68) Hexachlorobenzene	16.76	284	378191	47.311	ng	93
69) Atrazine	16.90	200	299602	45.129	ng	99
70) Pentachlorophenol	17.10	266	439720	96.832	ng	98
71) Phenanthrene	17.50	178	1474948	49.607	ng	98
72) Anthracene	17.59	178	1509531	50.906	ng	96
73) Carbazole	17.85	167	1359310	51.073	ng	97
74) Di-n-butylphthalate	18.42	149	1507915	49.975	ng	97
75) Fluoranthene	19.51	202	1829832	50.631	ng	94
77) Benzidine	19.68	184	137471	6.314	ng	98
78) Pyrene	19.86	202	1855969	46.963	ng	96
80) Butylbenzylphthalate	20.76	149	790721	52.186	ng	90
81) Benzo(a)anthracene	21.72	228	1915995	48.550	ng	98
82) 3,3'-Dichlorobenzidine	21.63	252	388890	24.544	ng	98
83) Chrysene	21.79	228	1861663	49.213	ng	98
84) Bis(2-ethylhexyl)phthalate	21.63	149	1098701	52.567	ng	99
85) Di-n-octyl phthalate	22.87	149	1871355	53.201	ng	# 92
86) Indeno(1,2,3-cd)pyrene	28.77	276	2583212	51.585	ng	# 89
88) Benzo(b)fluoranthene	24.05	252	2034712	46.996	ng	98
89) Benzo(k)fluoranthene	24.05	252	2034712	48.245	ng	# 98
90) Benzo(a)pyrene	24.86	252	2142080	51.587	ng	# 97
91) Dibenzo(a,h)anthracene	28.84	278	2091679	51.301	ng	# 97
92) Benzo(g,h,i)perylene	29.93	276	2137411	52.471	ng	96

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

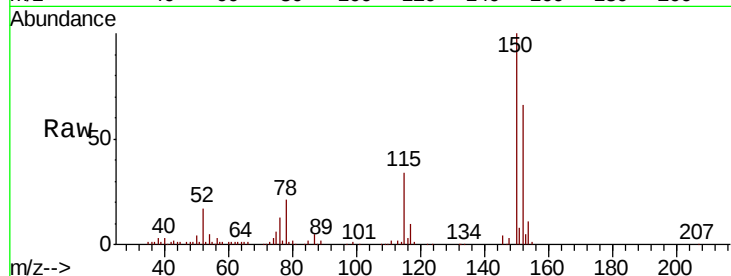


#1

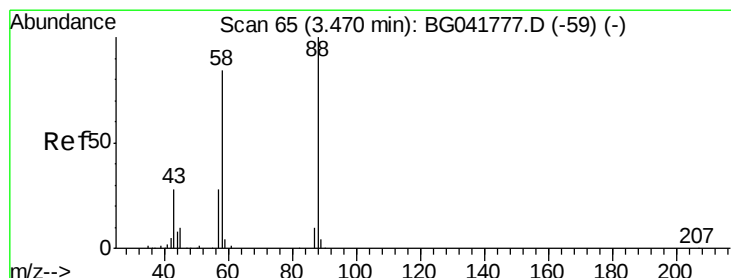
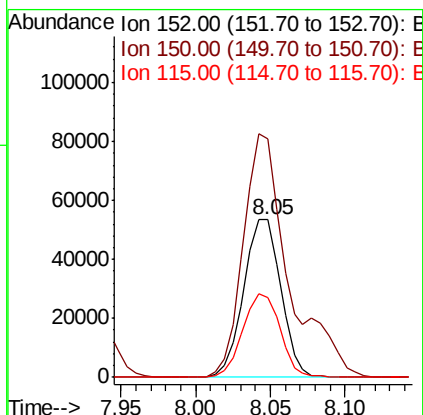
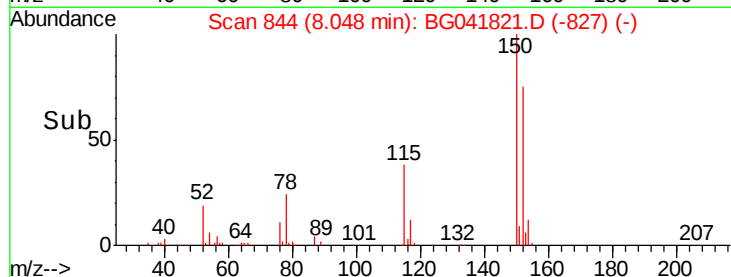
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. 0.00 min
Lab File: BG041821.D
Acq: 31 Jul 2019 3:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.5	126.9	190.3
115	50.9	45.0	67.6



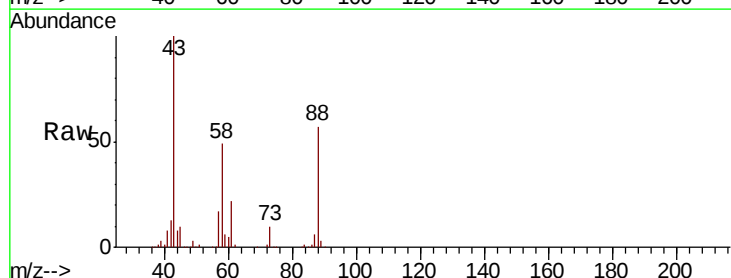
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



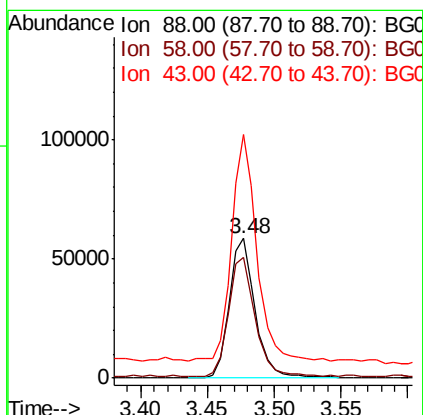
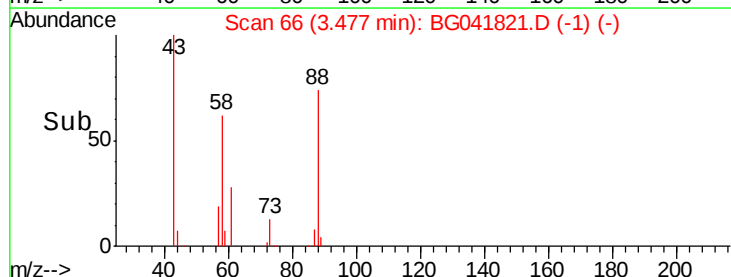
#2

1,4-Dioxane
Concen: 35.562 ng
RT: 3.48 min Scan# 66
Delta R.T. 0.01 min
Lab File: BG041821.D
Acq: 31 Jul 2019 3:36

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.6	76.2	114.2
43	157.3	27.2	40.8#



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





#3

Pvridine

Concen: 28.536 ng

RT: 3.88 min Scan# 135

Delta R.T. 0.01 min

Lab File: BG041821.D

Acq: 31 Jul 2019 3:36

Instrument :

BNA_G

ClientSampleId :

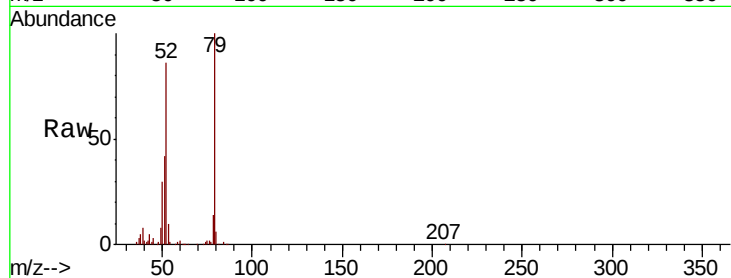
Tot Ion: 79 Resp: 174761

Ion Ratio Lower Upper

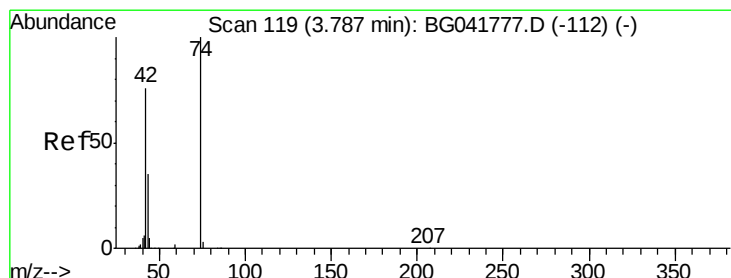
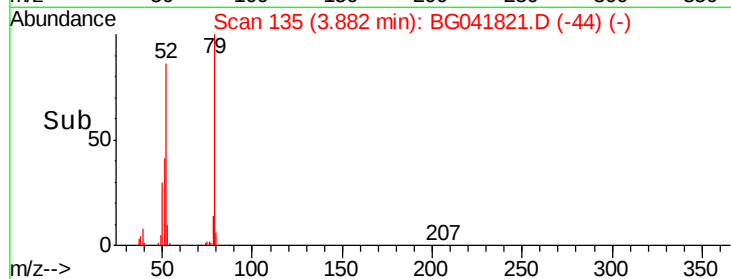
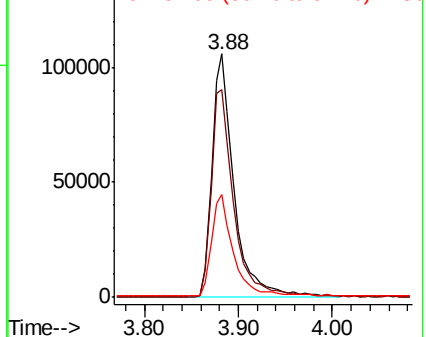
79 100

52 85.6 77.1 115.7

51 42.1 37.8 56.8



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



#4

n-Nitrosodimethylamine

Concen: 40.984 ng

RT: 3.78 min Scan# 118

Delta R.T. -0.00 min

Lab File: BG041821.D

Acq: 31 Jul 2019 3:36

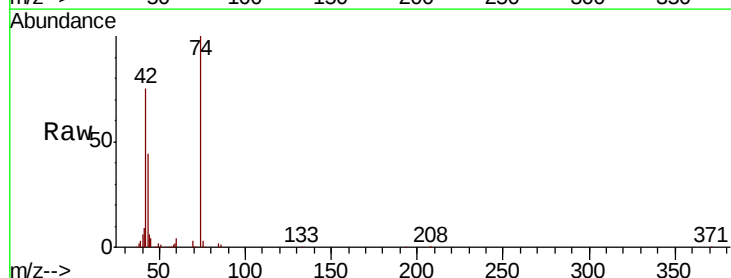
Tgt Ion: 42 Resp: 99500

Ion Ratio Lower Upper

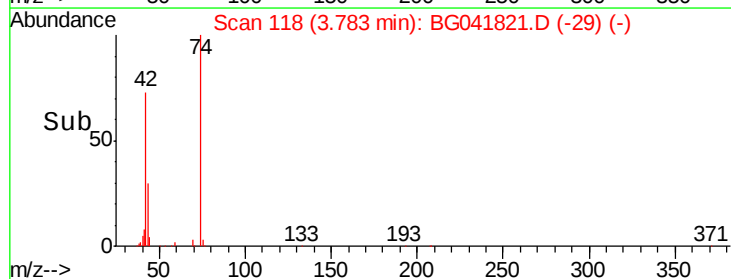
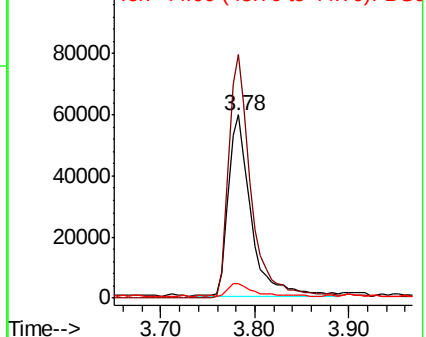
42 100

74 133.1 97.4 146.2

44 7.8 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: 126.197 ng

RT: 5.59 min Scan# 426

Delta R.T. 0.00 min

Lab File: BG041821.D

Acq: 31 Jul 2019 3:36

Instrument :

BNA_G

ClientSampleId :

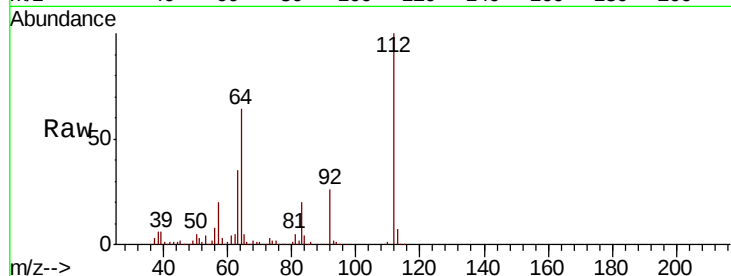
Tot Ion:112 Resp: 598793

Ion Ratio Lower Upper

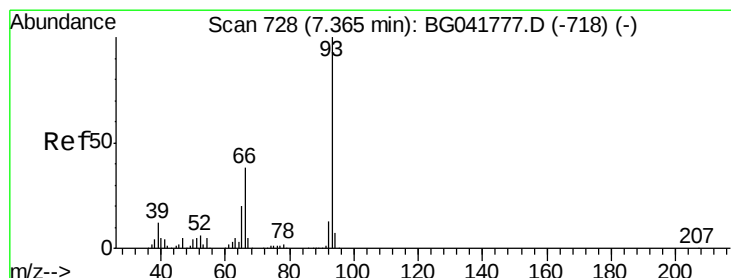
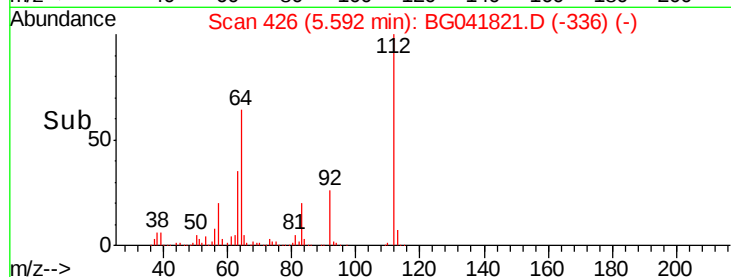
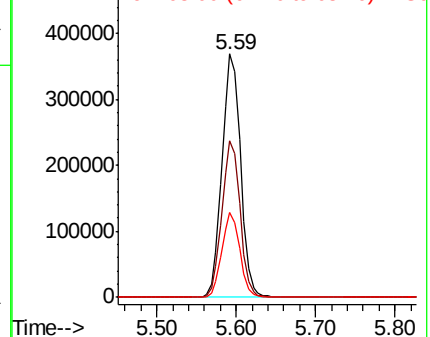
112 100

64 64.4 55.4 83.2

63 34.8 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: 17.097 ng

RT: 7.36 min Scan# 727

Delta R.T. -0.00 min

Lab File: BG041821.D

Acq: 31 Jul 2019 3:36

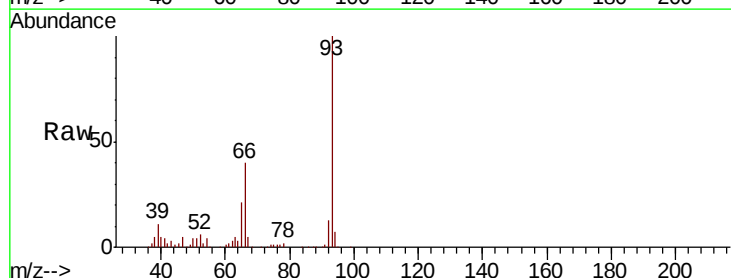
Tgt Ion: 93 Resp: 154001

Ion Ratio Lower Upper

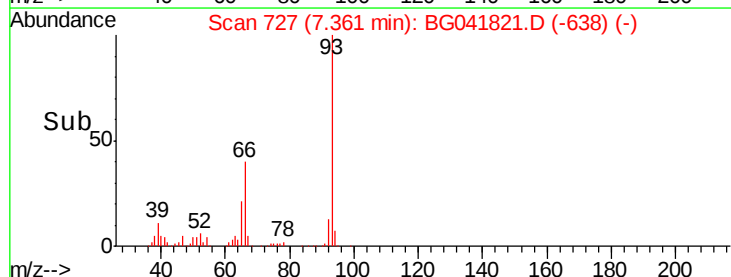
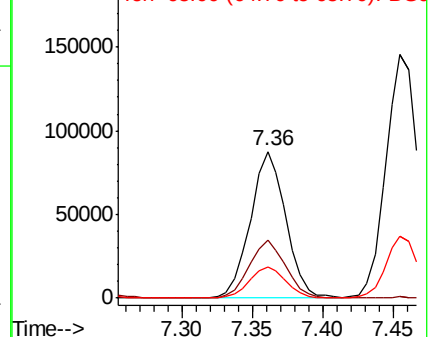
93 100

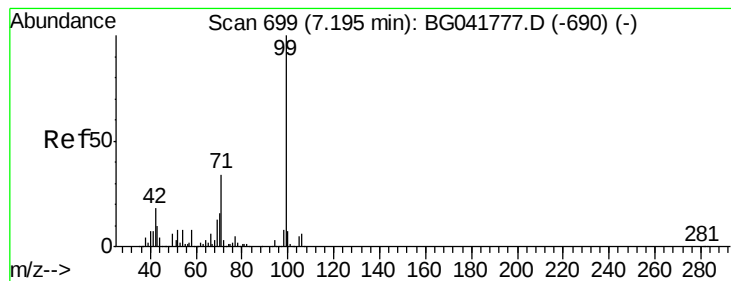
66 39.8 34.2 51.2

65 21.1 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: 120.990 ng

RT: 7.20 min Scan# 699

Delta R.T. 0.00 min

Lab File: BG041821.D

Acq: 31 Jul 2019 3:36

Instrument :

BNA_G

ClientSampled :

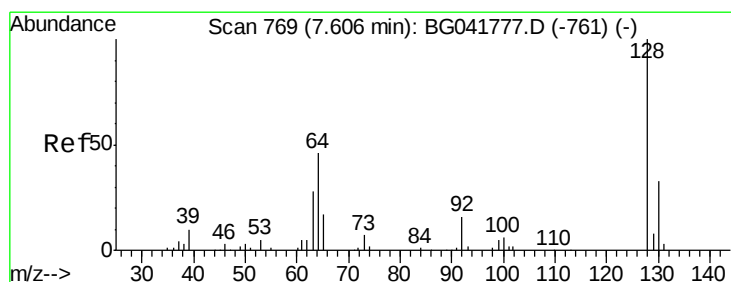
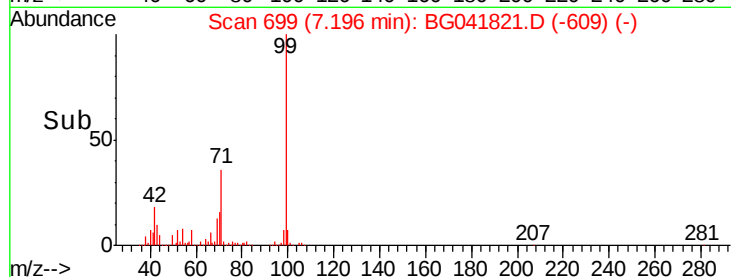
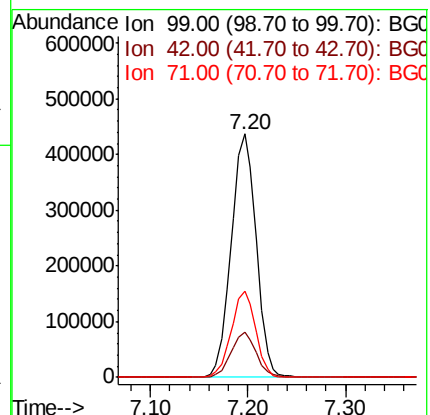
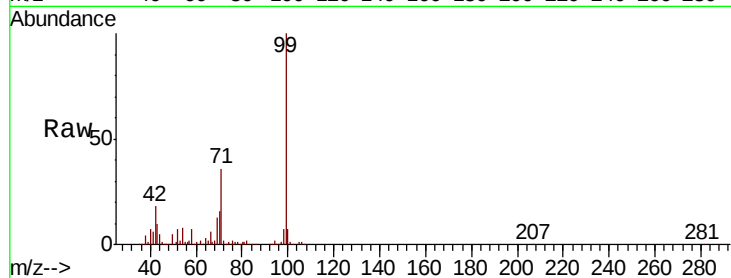
Tot Ion: 99 Resp: 773960

Ion Ratio Lower Upper

99 100

42 18.3 17.6 26.4

71 35.6 27.8 41.6



#8

2-Chlorophenol

Concen: 48.005 ng

RT: 7.61 min Scan# 769

Delta R.T. 0.00 min

Lab File: BG041821.D

Acq: 31 Jul 2019 3:36

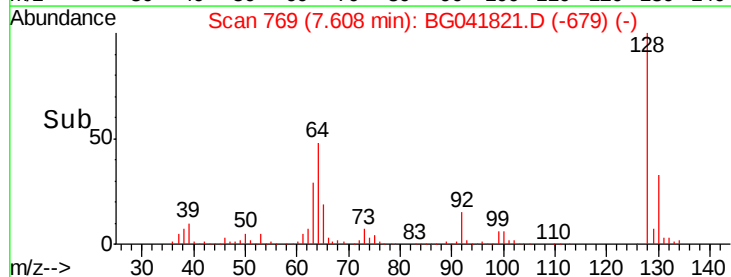
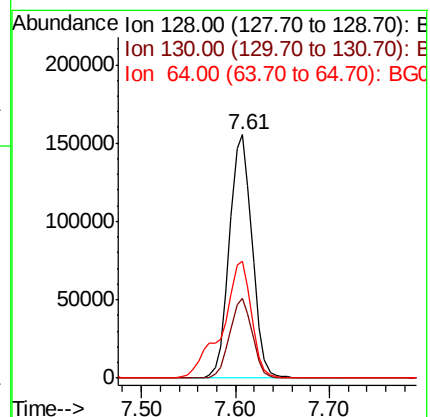
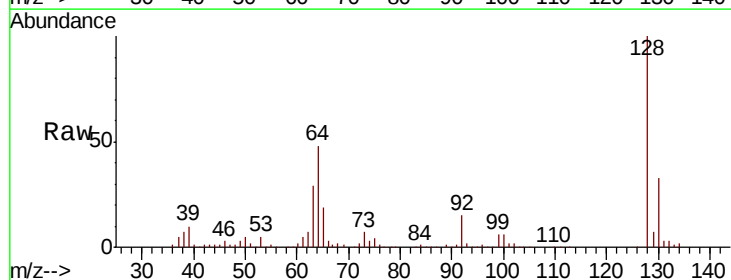
Tgt Ion: 128 Resp: 260826

Ion Ratio Lower Upper

128 100

130 32.6 12.4 52.4

64 48.2 34.9 74.9





#9

Benzaldehyde

Concen: 29.403 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG041821.D

Acq: 31 Jul 2019 3:36

Instrument :

BNA_G

ClientSampled :

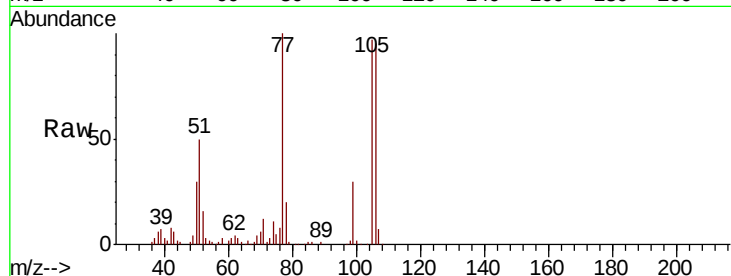
Tot Ion: 77 Resp: 132348

Ion Ratio Lower Upper

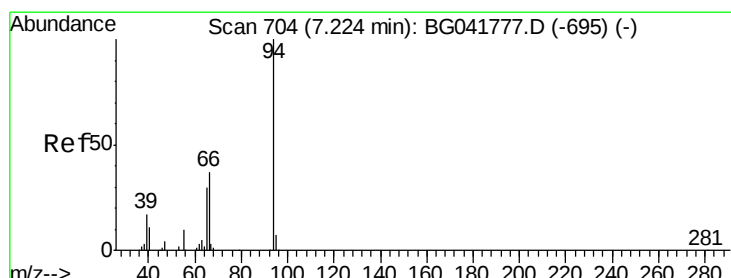
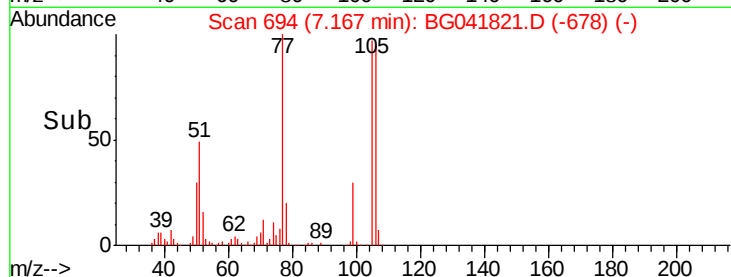
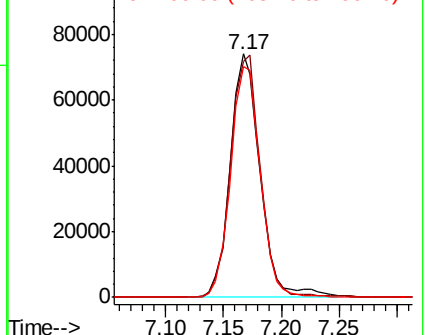
77 100

105 97.1 74.6 114.6

106 94.7 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: 41.848 ng

RT: 7.23 min Scan# 704

Delta R.T. 0.00 min

Lab File: BG041821.D

Acq: 31 Jul 2019 3:36

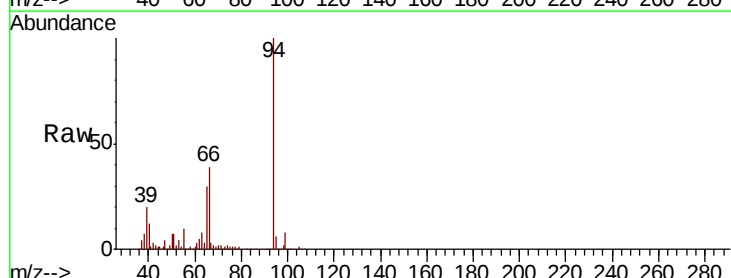
Tgt Ion: 94 Resp: 278496

Ion Ratio Lower Upper

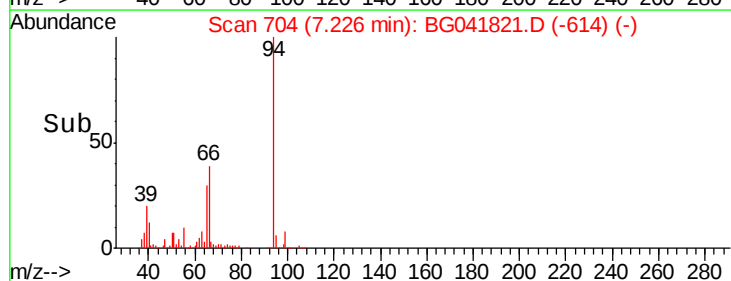
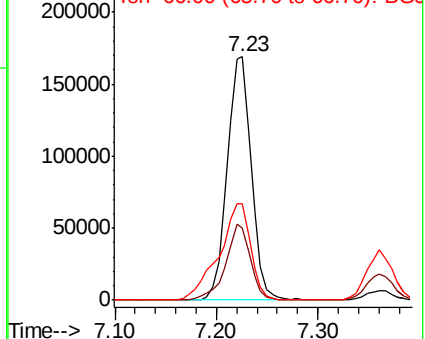
94 100

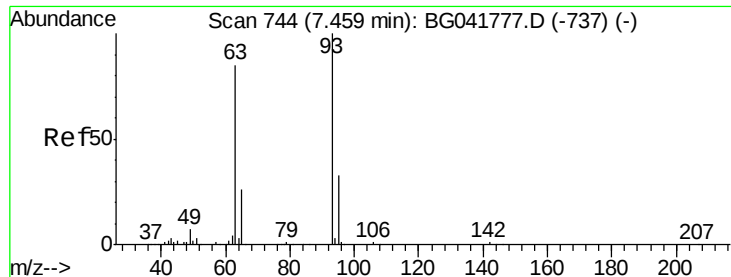
65 29.7 10.6 50.6

66 39.3 18.2 58.2



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





#11

bis(2-Chloroethyl)ether

Concen: 42.644 ng

RT: 7.45 min Scan# 743

Delta R.T. -0.00 min

Lab File: BG041821.D

Acq: 31 Jul 2019 3:36

Instrument :

BNA_G

ClientSampleId :

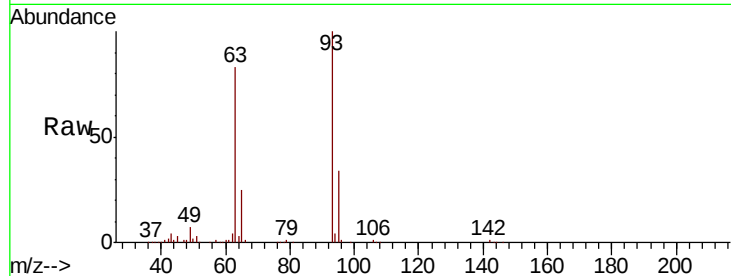
Tot Ion: 93 Resp: 233311

Ion Ratio Lower Upper

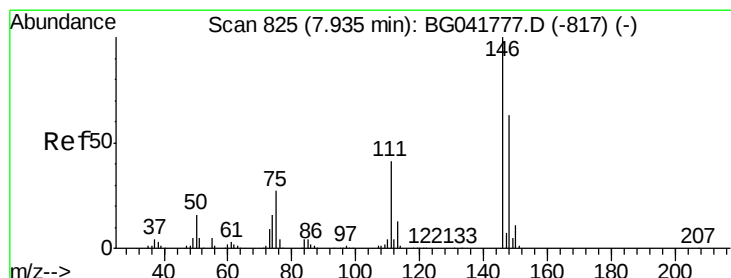
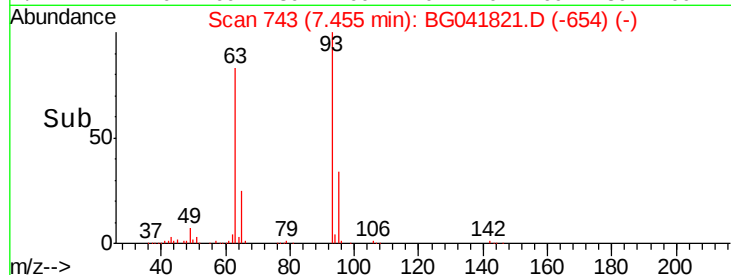
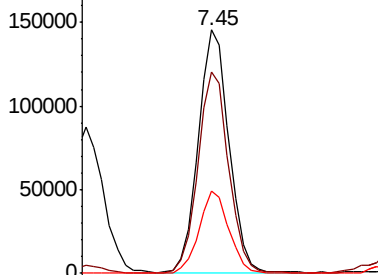
93 100

63 82.5 70.4 110.4

95 34.1 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 41.950 ng

RT: 7.94 min Scan# 825

Delta R.T. 0.00 min

Lab File: BG041821.D

Acq: 31 Jul 2019 3:36

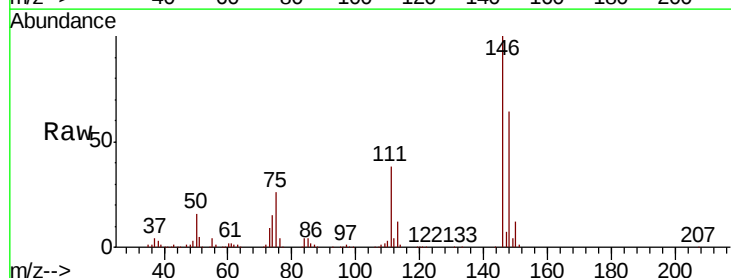
Tgt Ion: 146 Resp: 297484

Ion Ratio Lower Upper

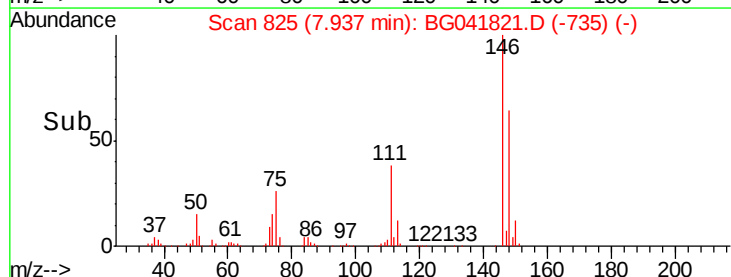
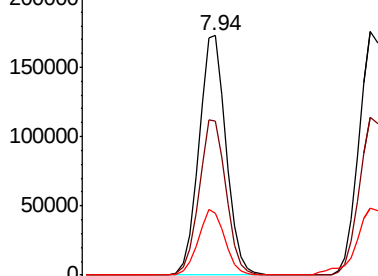
146 100

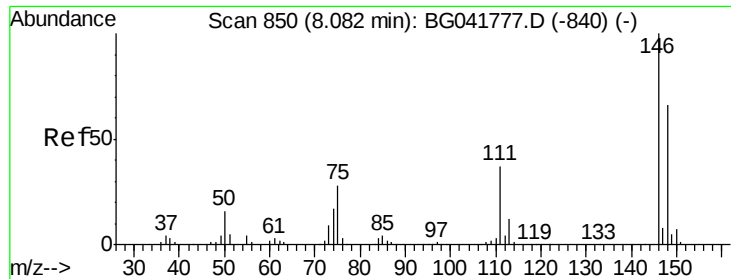
148 64.3 51.5 77.3

75 25.8 23.2 34.8



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC

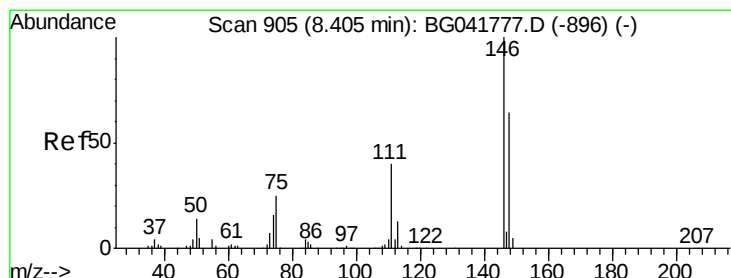
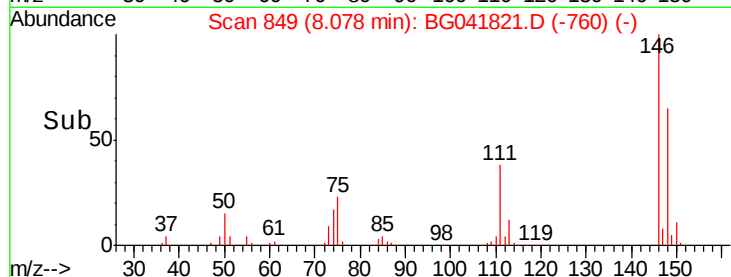
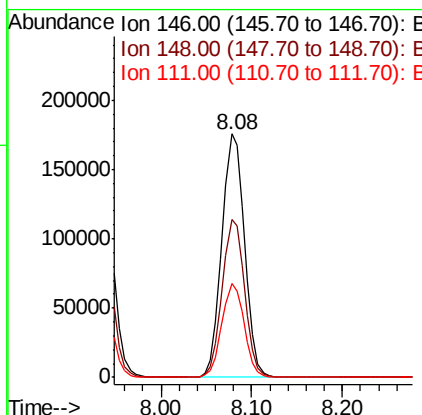
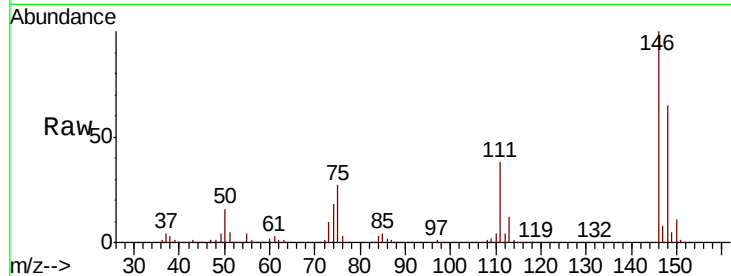




#13
 1,4-Dichlorobenzene
 Concen: 42.959 ng
 RT: 8.08 min Scan# 849
 Delta R.T. -0.00 min
 Lab File: BG041821.D
 Acq: 31 Jul 2019 3:36

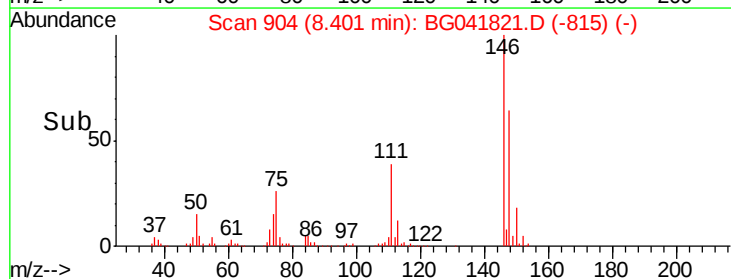
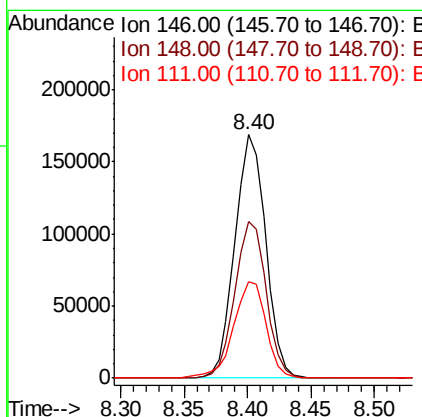
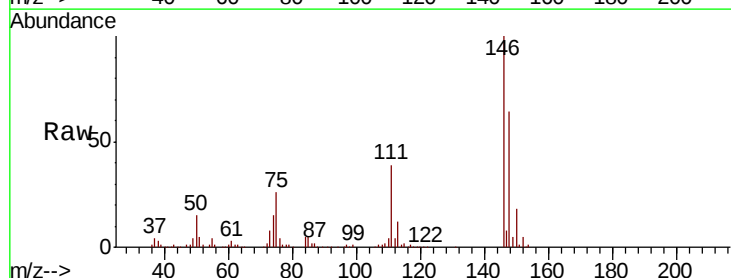
Instrument :
 BNA_G
 ClientSampleId :

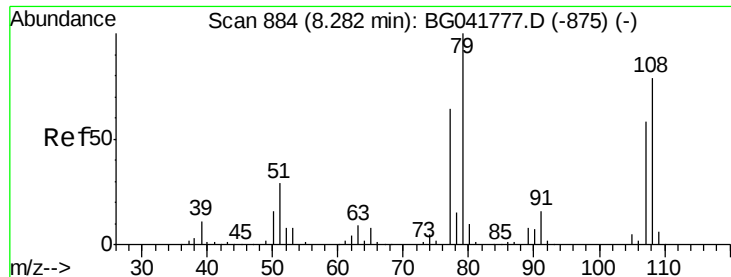
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.8	52.6	79.0
111	38.4	32.5	48.7



#14
 1,2-Dichlorobenzene
 Concen: 42.058 ng
 RT: 8.40 min Scan# 904
 Delta R.T. -0.00 min
 Lab File: BG041821.D
 Acq: 31 Jul 2019 3:36

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	53.5	80.3
111	39.5	35.4	53.0





#15

Benzyl Alcohol

Concen: 44.896 ng

RT: 8.28 min Scan# 883

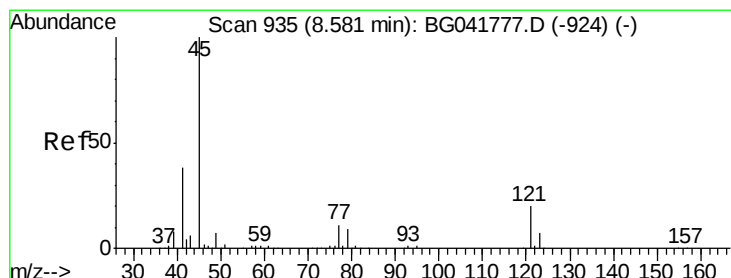
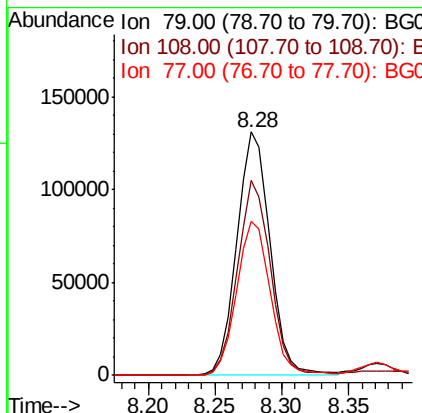
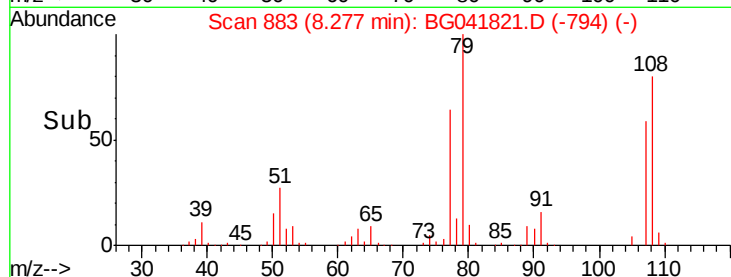
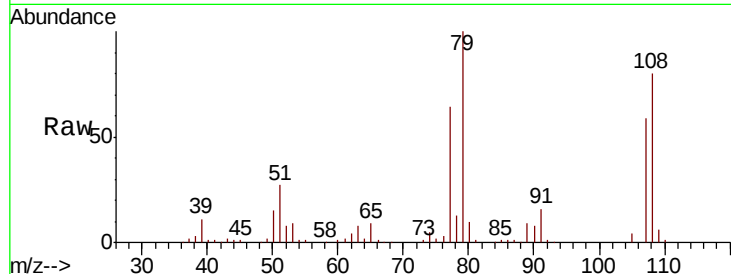
Delta R.T. -0.00 min

Lab File: BG041821.D

Acq: 31 Jul 2019 3:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	79	Resp:	225943
Ion	Ratio	Lower	Upper
79	100		
108	79.9	60.5	90.7
77	63.5	50.6	75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.817 ng

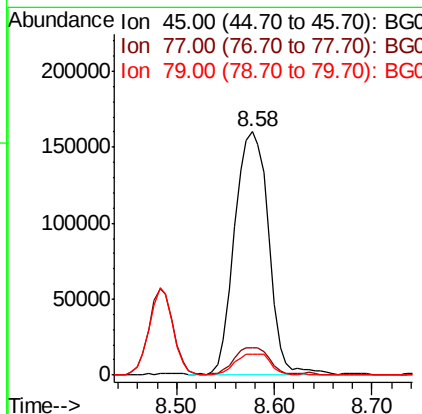
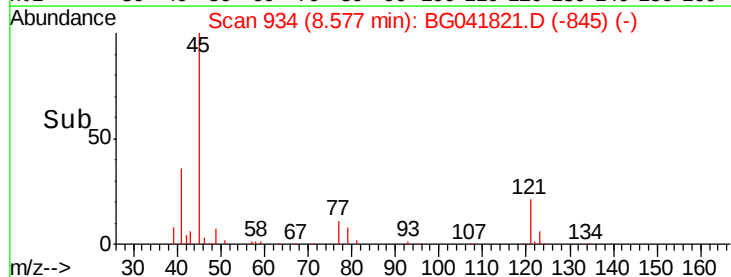
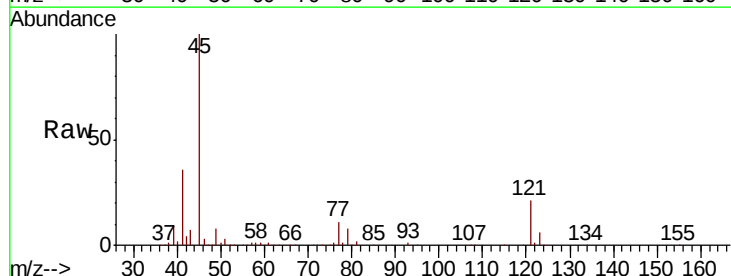
RT: 8.58 min Scan# 934

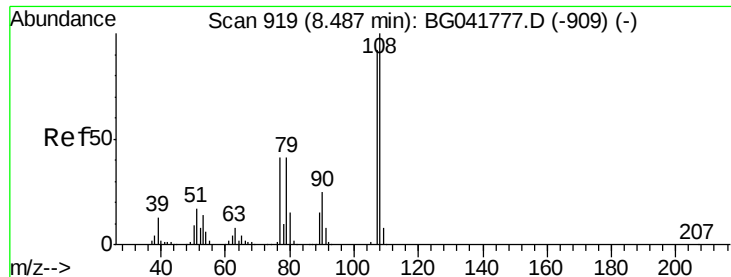
Delta R.T. -0.00 min

Lab File: BG041821.D

Acq: 31 Jul 2019 3:36

Tgt Ion:	45	Resp:	387562
Ion	Ratio	Lower	Upper
45	100		
77	11.4	0.0	30.4
79	8.4	0.0	27.9

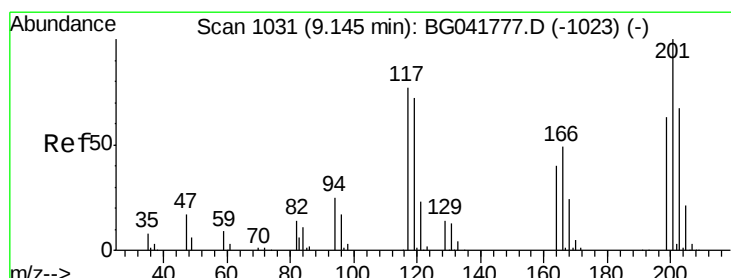
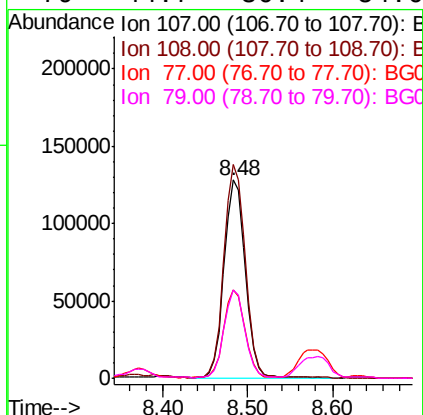
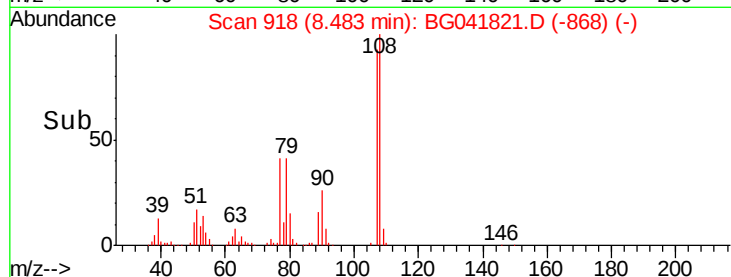
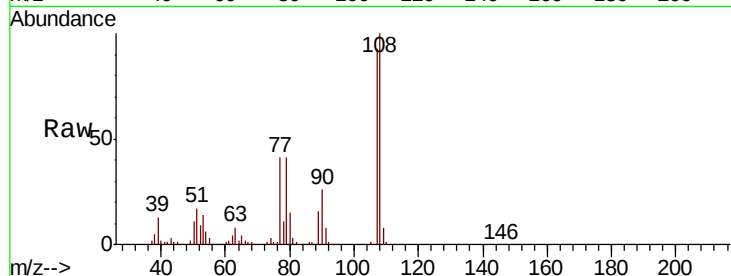




#17
2-Methylphenol
Concen: 45.700 ng
RT: 8.48 min Scan# 918
Delta R.T. -0.00 min
Lab File: BG041821.D
Acq: 31 Jul 2019 3:36

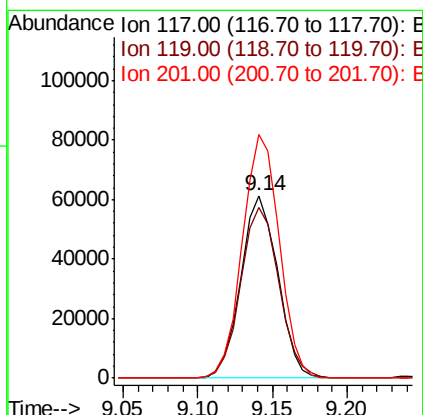
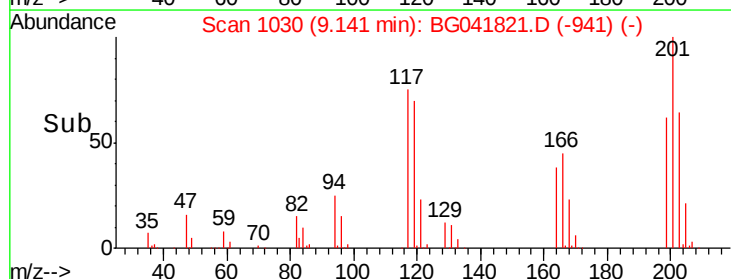
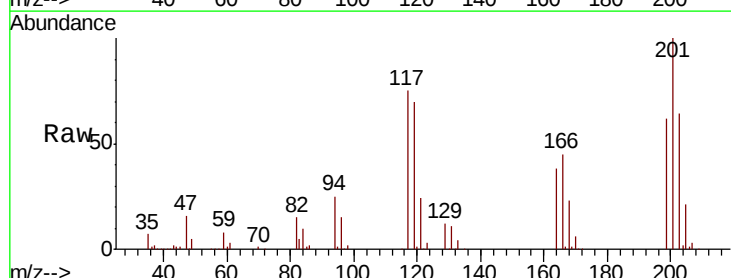
Instrument :
BNA_G
ClientSampleId :

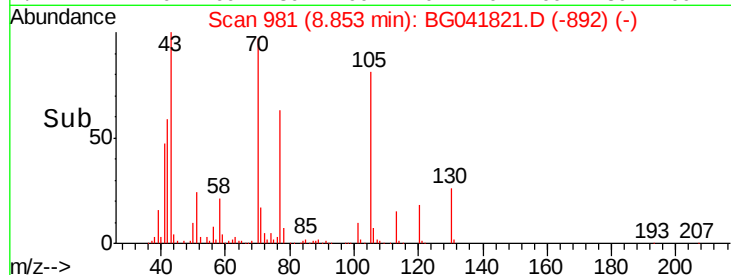
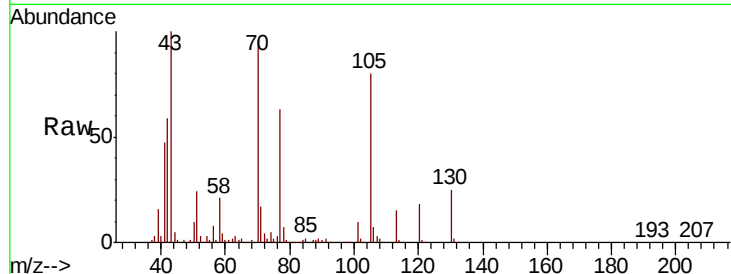
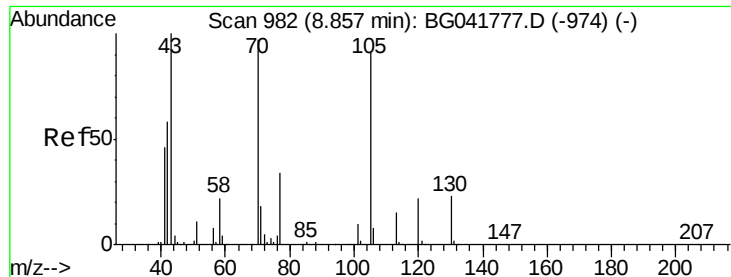
Tot Ion	Ratio	Lower	Upper
107	100		
108	107.9	87.6	131.4
77	44.5	36.1	54.1
79	44.7	36.4	54.6



#18
Hexachloroethane
Concen: 43.466 ng
RT: 9.14 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BG041821.D
Acq: 31 Jul 2019 3:36

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.7	76.2	114.2
201	133.3	94.1	141.1

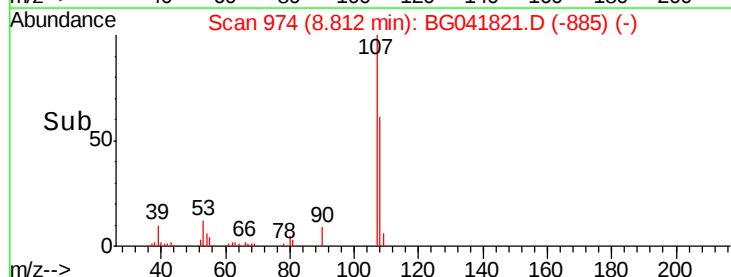
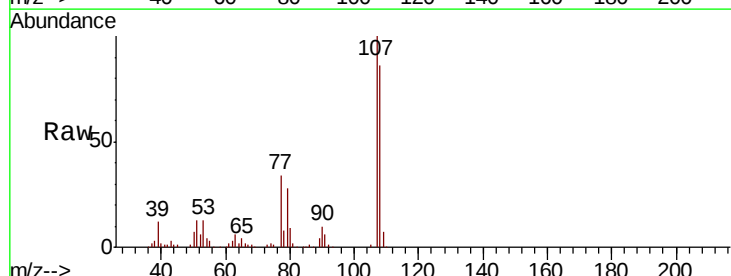
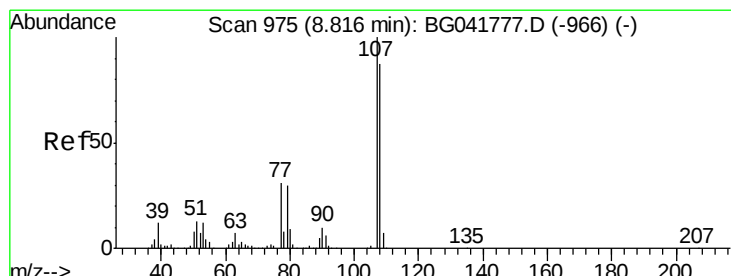
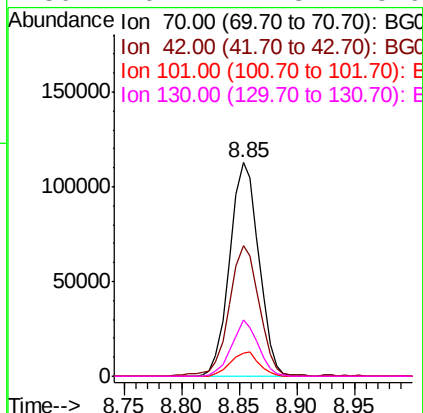




#19
n-Nitroso-di-n-propylamine
Concen: 42.474 ng
RT: 8.85 min Scan# 981
Delta R.T. -0.00 min
Lab File: BG041821.D
Acq: 31 Jul 2019 3:36

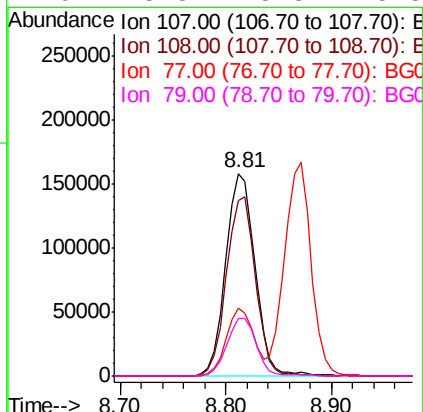
Instrument :
BNA_G
ClientSampleId :

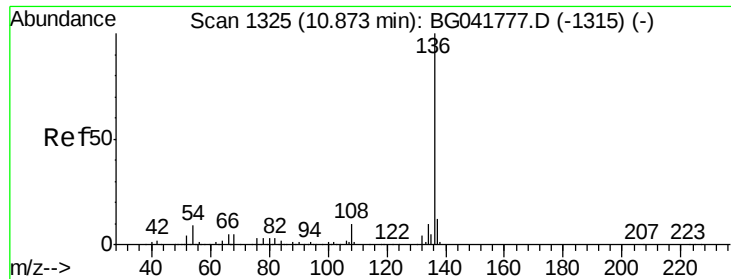
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	61.4	55.8	83.6	
101	10.6	8.1	12.1	
130	26.4	17.3	25.9	



#20
3+4-Methylphenols
Concen: 45.992 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.00 min
Lab File: BG041821.D
Acq: 31 Jul 2019 3:36

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.4	67.5	107.5	
77	33.5	12.3	52.3	
79	28.3	8.3	48.3	

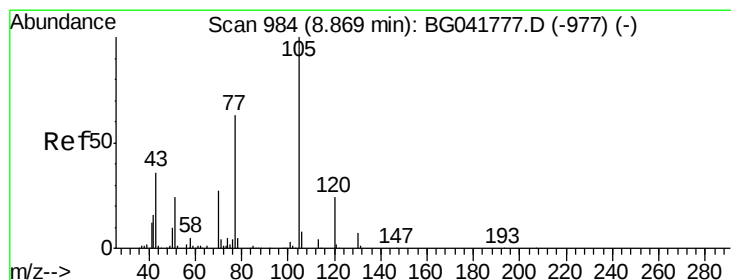
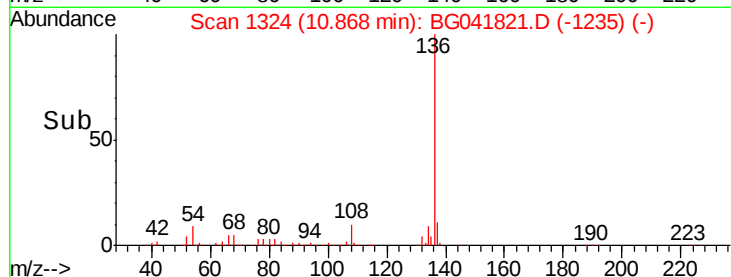
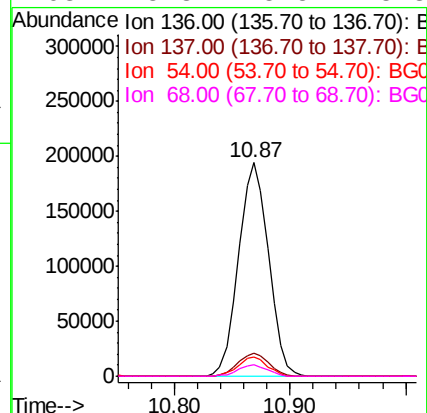
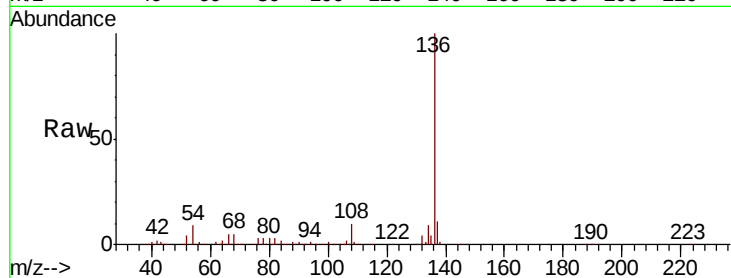




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BG041821.D
Acq: 31 Jul 2019 3:36

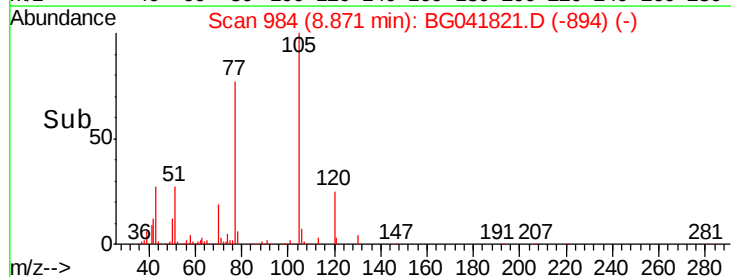
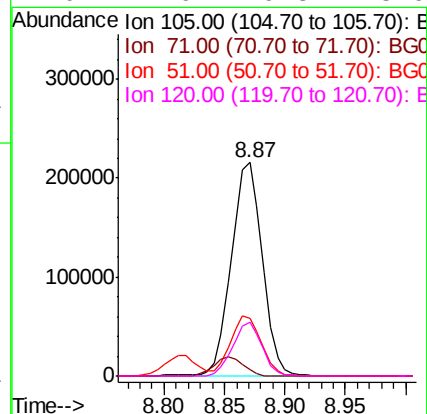
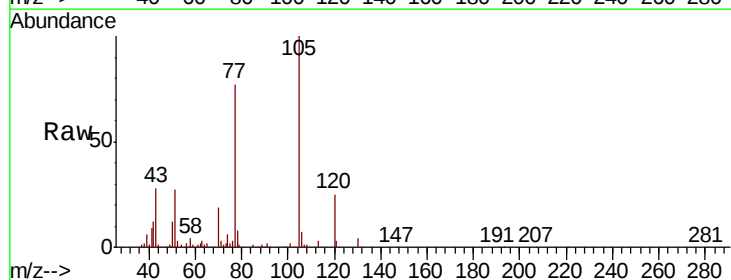
Instrument :
BNA_G
ClientSampleId :

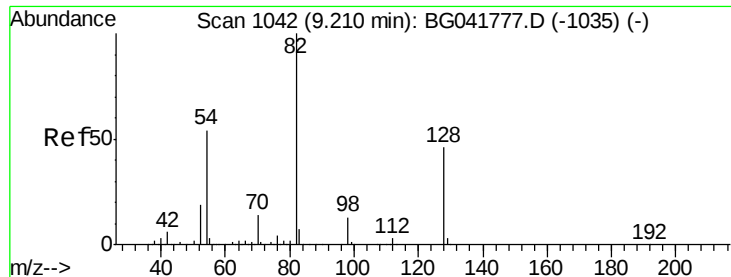
Tot Ion:136	Resp:	348311
Ion Ratio	Lower	Upper
136	100	
137	10.9	9.2 13.8
54	9.0	8.7 13.1
68	5.3	5.5 8.3#



#22
Acetophenone
Concen: 49.425 ng
RT: 8.87 min Scan# 984
Delta R.T. 0.00 min
Lab File: BG041821.D
Acq: 31 Jul 2019 3:36

Tgt Ion:105	Resp:	385062
Ion Ratio	Lower	Upper
105	100	
71	3.2	5.9 8.9#
51	27.1	27.7 41.5#
120	24.9	19.3 28.9

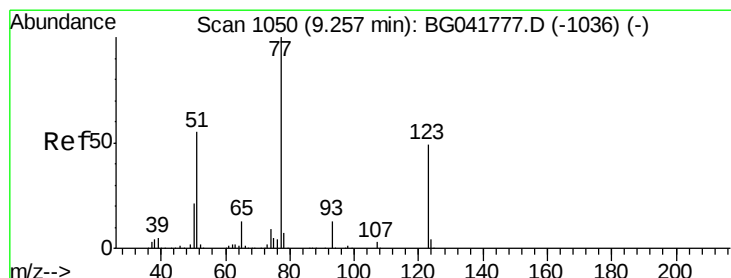
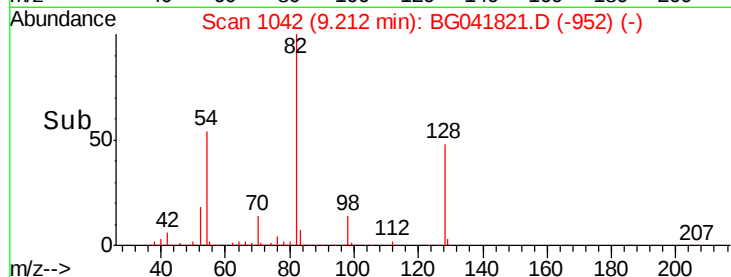
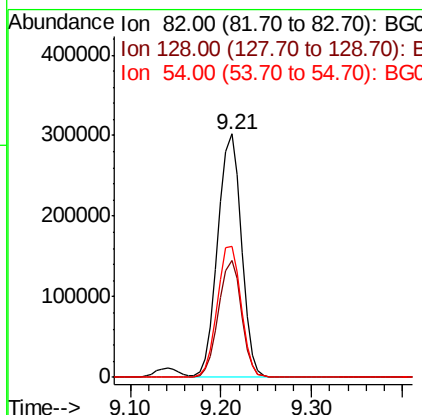
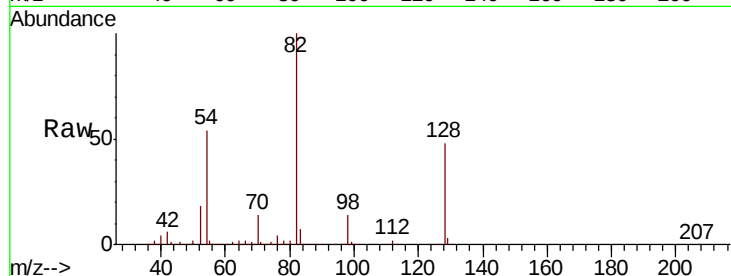




#23
Nitrobenzene-d5
Concen: 108.359 ng
RT: 9.21 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BG041821.D
Acq: 31 Jul 2019 3:36

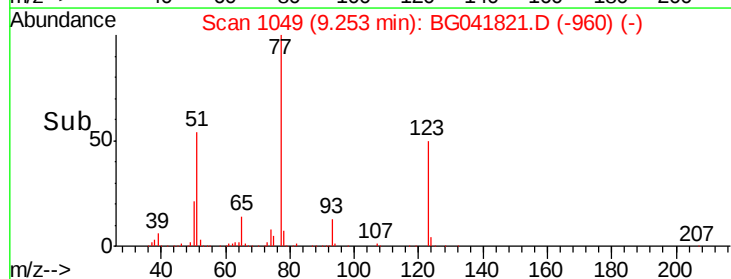
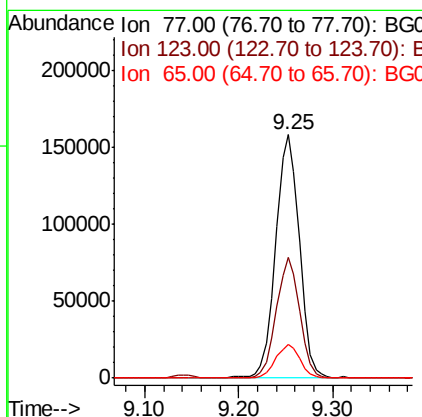
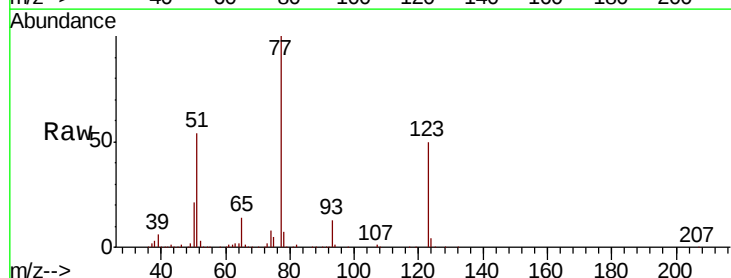
Instrument :
BNA_G
ClientSampled :

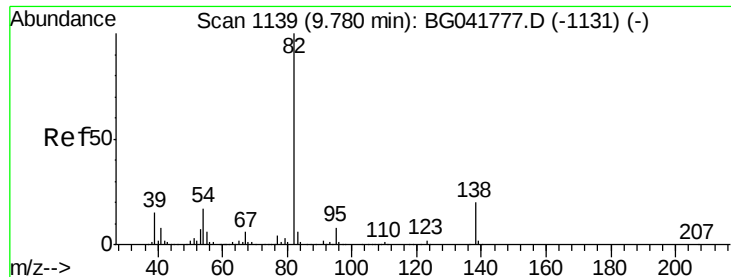
Tot Ion	82	Resp	548457
Ion Ratio	Lower	Upper	
82	100		
128	47.9	35.1	52.7
54	53.6	48.7	73.1



#24
Nitrobenzene
Concen: 51.686 ng
RT: 9.25 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BG041821.D
Acq: 31 Jul 2019 3:36

Tgt Ion	77	Resp	275602
Ion Ratio	Lower	Upper	
77	100		
123	49.8	38.1	57.1
65	14.0	11.0	16.6





#25

Isophorone

Concen: 50.227 ng

RT: 9.78 min Scan# 1139

Delta R.T. 0.00 min

Lab File: BG041821.D

Acq: 31 Jul 2019 3:36

Instrument :

BNA_G

ClientSampleId :

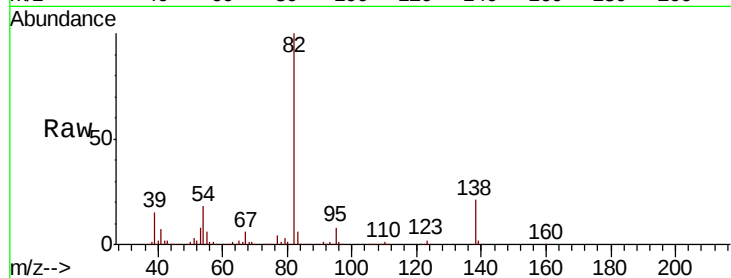
Tot Ion: 82 Resp: 553024

Ion Ratio Lower Upper

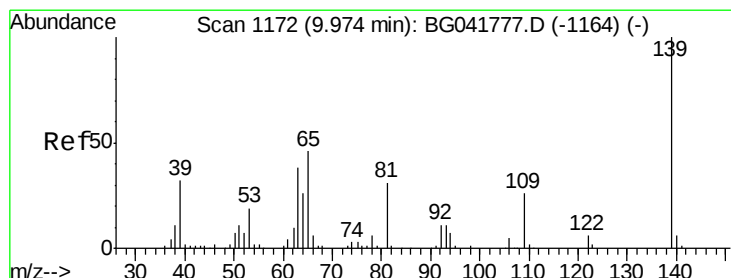
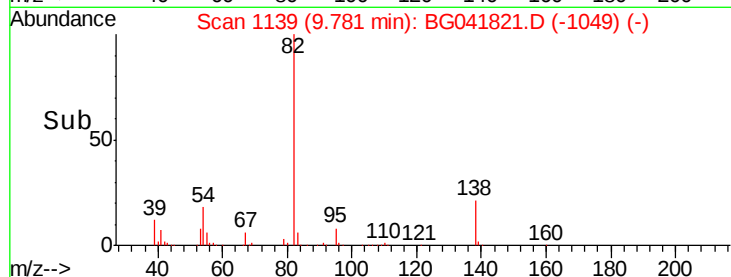
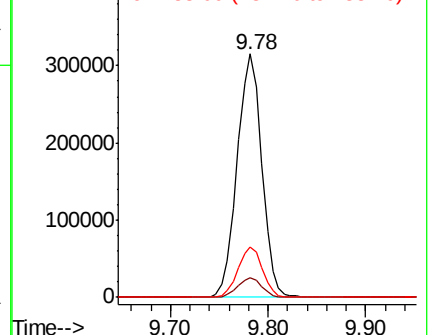
82 100

95 7.9 5.9 8.9

138 20.9 16.3 24.5



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



#26

2-Nitrophenol

Concen: 61.733 ng

RT: 9.97 min Scan# 1171

Delta R.T. -0.00 min

Lab File: BG041821.D

Acq: 31 Jul 2019 3:36

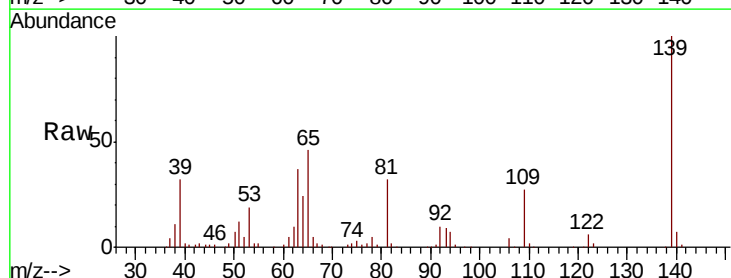
Tgt Ion: 139 Resp: 152775

Ion Ratio Lower Upper

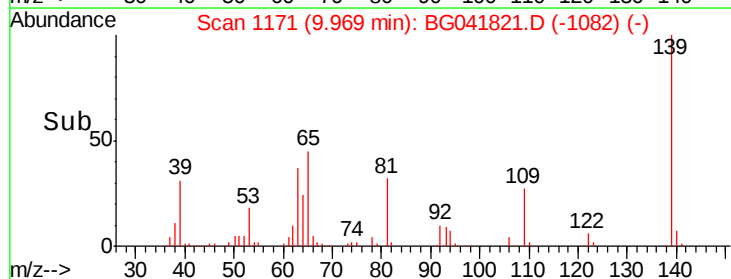
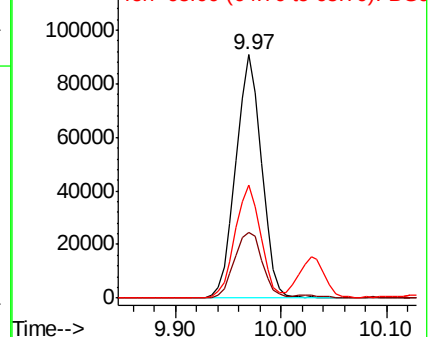
139 100

109 27.0 22.7 34.1

65 46.3 41.1 61.7



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

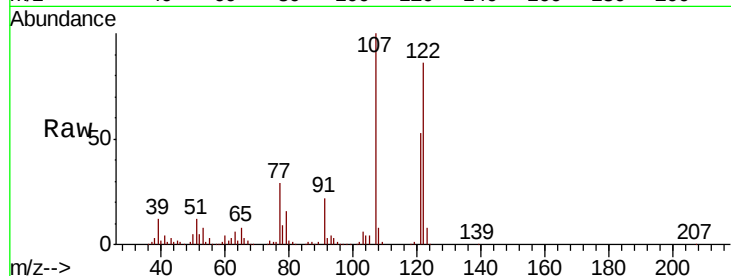




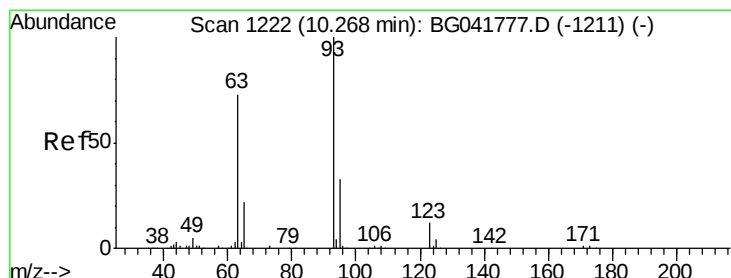
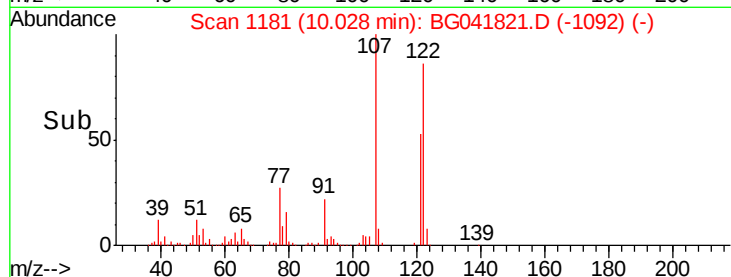
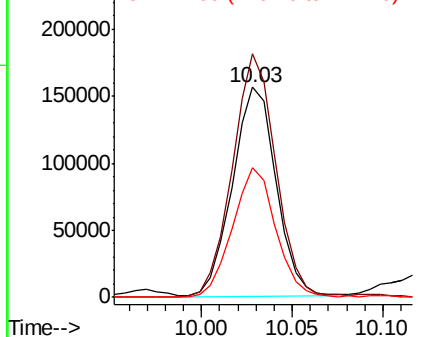
#27
 2,4-Dimethylphenol
 Concen: 59.773 ng
 RT: 10.03 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: BG041821.D
 Acq: 31 Jul 2019 3:36

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:122 Resp: 261077
 Ion Ratio Lower Upper
 122 100
 107 115.8 91.3 136.9
 121 61.8 49.2 73.8

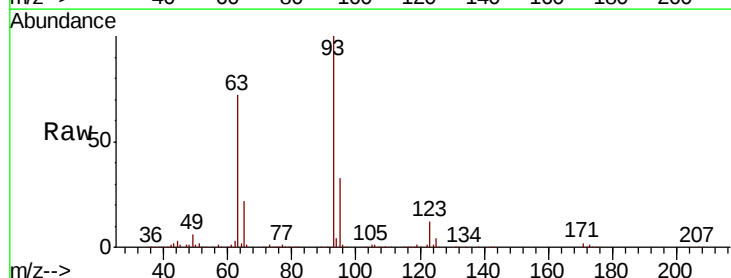


Abundance Ion 122.00 (121.70 to 122.70): E
 250000
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

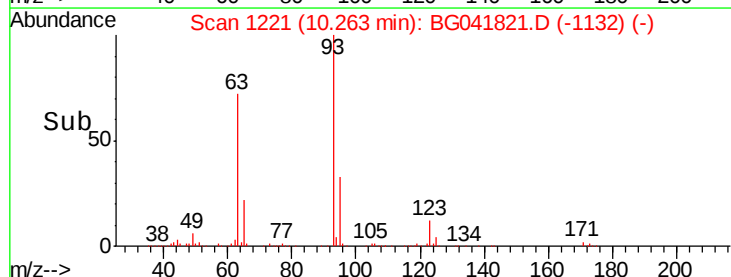
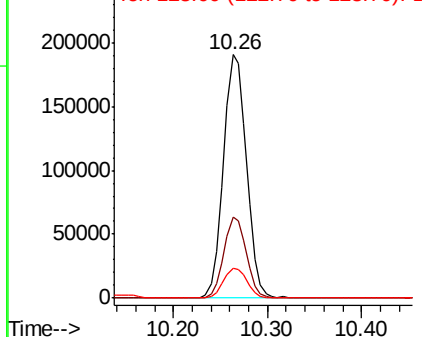


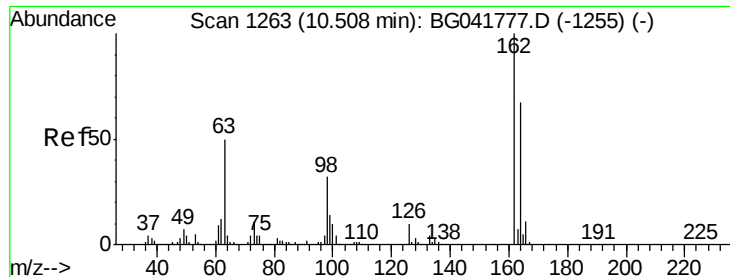
#28
 bis(2-Chloroethoxy)methane
 Concen: 47.310 ng
 RT: 10.26 min Scan# 1221
 Delta R.T. -0.00 min
 Lab File: BG041821.D
 Acq: 31 Jul 2019 3:36

Tgt Ion: 93 Resp: 325521
 Ion Ratio Lower Upper
 93 100
 95 33.2 26.2 39.4
 123 12.2 9.9 14.9



Abundance Ion 93.00 (92.70 to 93.70): BGC
 250000
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 123.00 (122.70 to 123.70): E

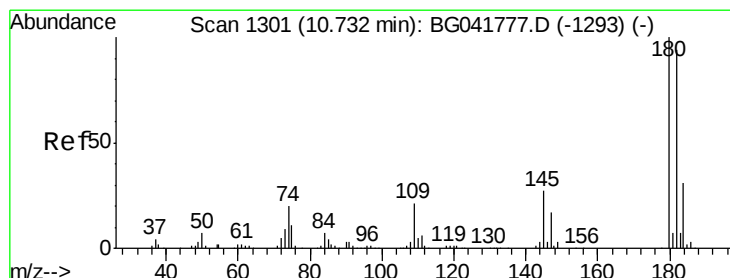
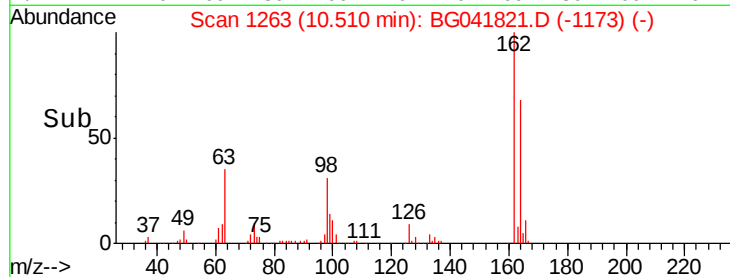
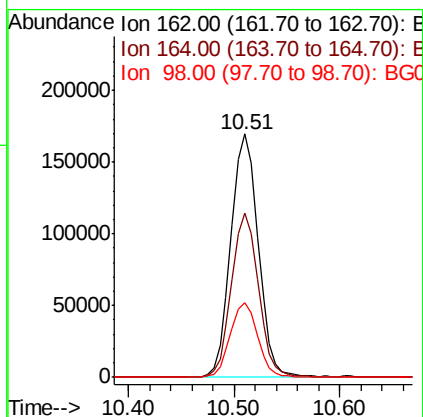
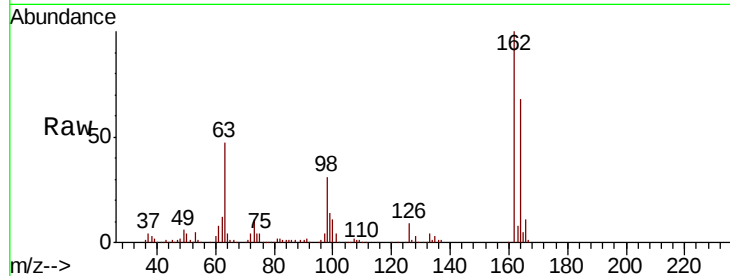




#29
 2,4-Dichlorophenol
 Concen: 57.217 ng
 RT: 10.51 min Scan# 1263
 Delta R.T. 0.00 min
 Lab File: BG041821.D
 Acq: 31 Jul 2019 3:36

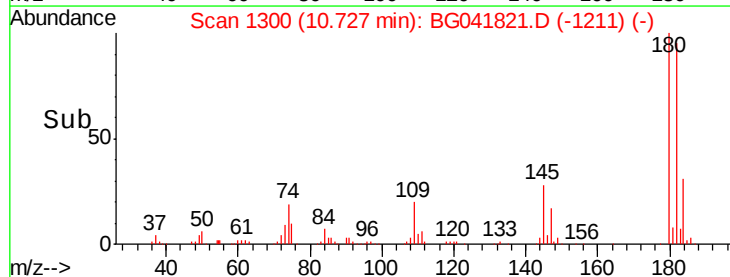
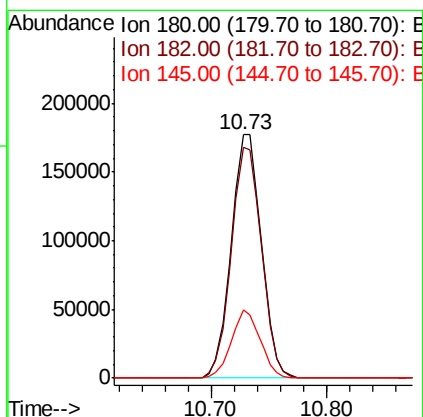
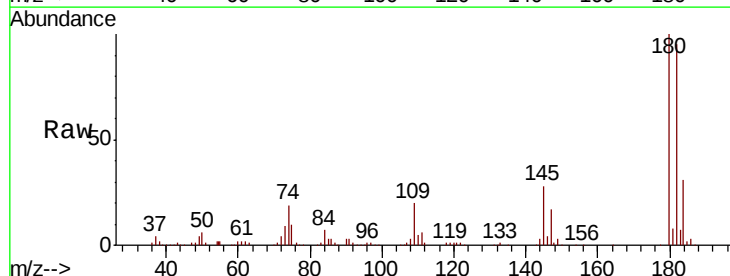
Instrument :
 BNA_G
 ClientSampleId :

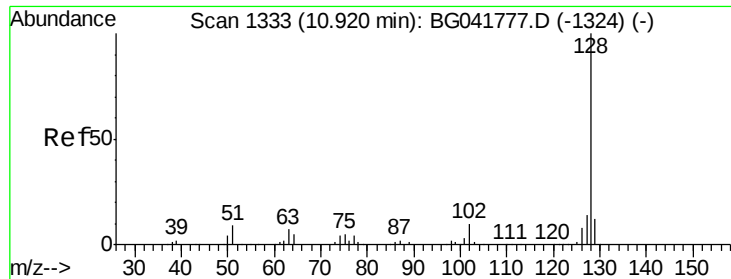
Tot Ion	Ratio	Lower	Upper
162	100		
164	67.6	46.1	86.1
98	30.8	14.7	54.7



#30
 1,2,4-Trichlorobenzene
 Concen: 47.478 ng
 RT: 10.73 min Scan# 1300
 Delta R.T. -0.00 min
 Lab File: BG041821.D
 Acq: 31 Jul 2019 3:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	76.2	114.2
145	27.8	23.8	35.8

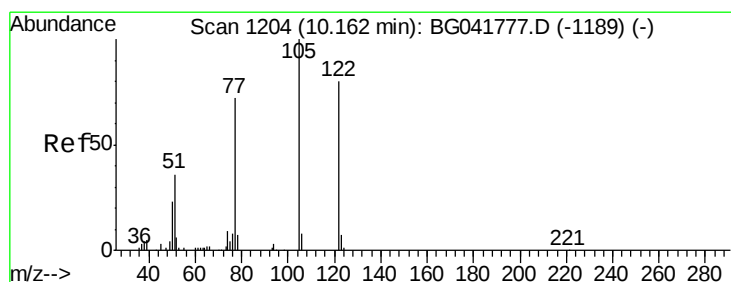
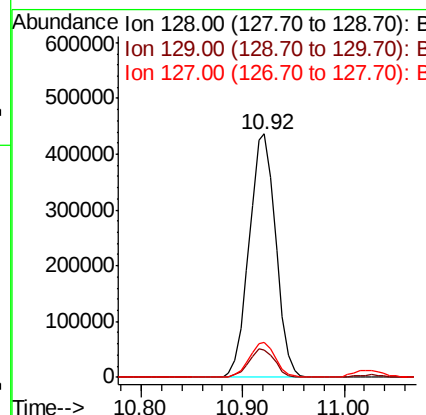
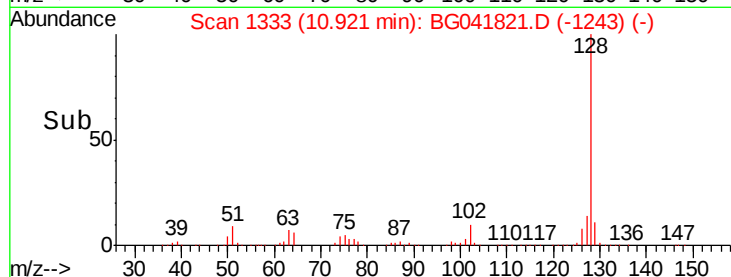
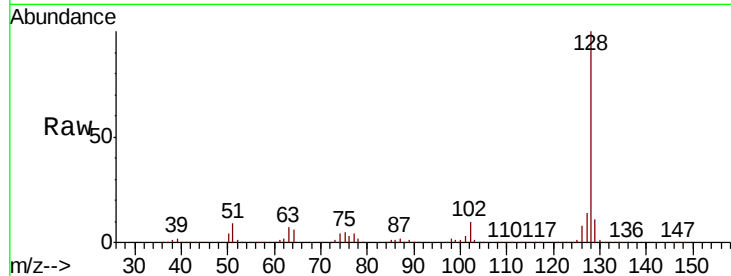




#31
Naphthalene
Concen: 49.773 ng
RT: 10.92 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BG041821.D
Acq: 31 Jul 2019 3:36

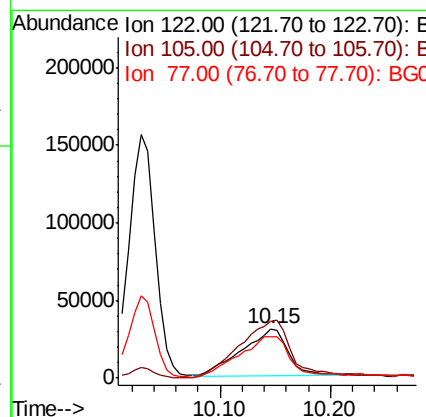
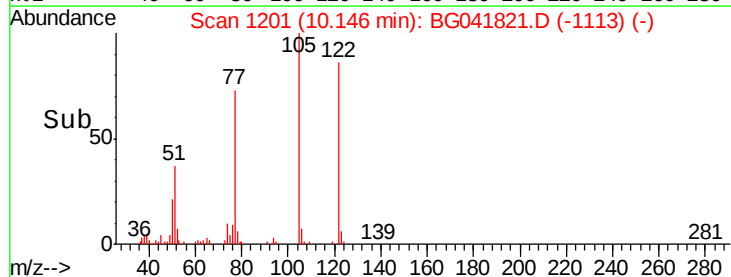
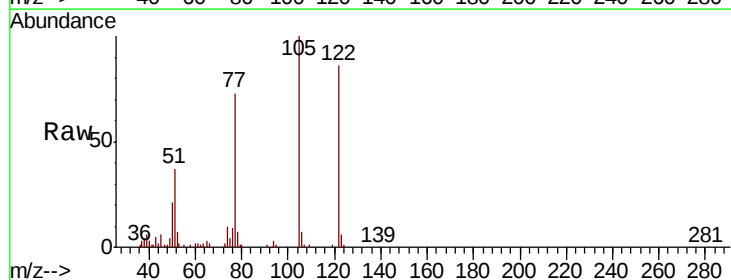
Instrument :
BNA_G
ClientSampleId :

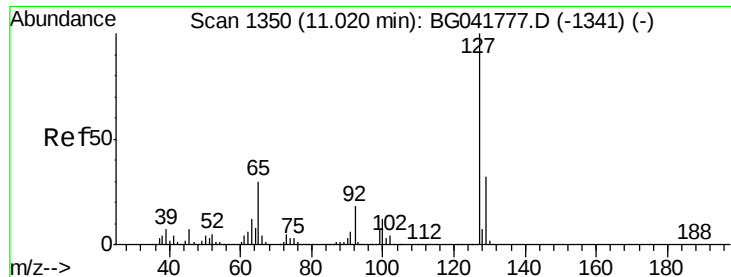
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	10.0	15.0
127	14.2	12.3	18.5



#32
Benzoic acid
Concen: 32.068 ng
RT: 10.15 min Scan# 1201
Delta R.T. -0.02 min
Lab File: BG041821.D
Acq: 31 Jul 2019 3:36

Tgt Ion	Ratio	Lower	Upper
122	100		
105	116.0	101.5	141.5
77	85.2	73.0	113.0

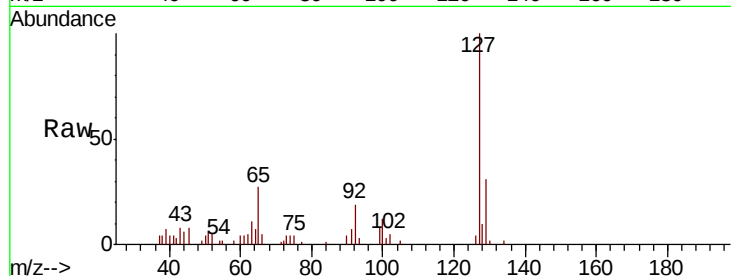




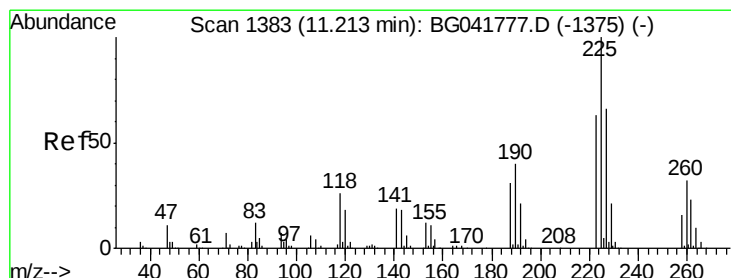
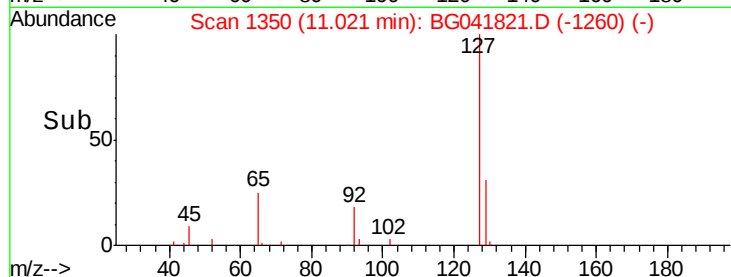
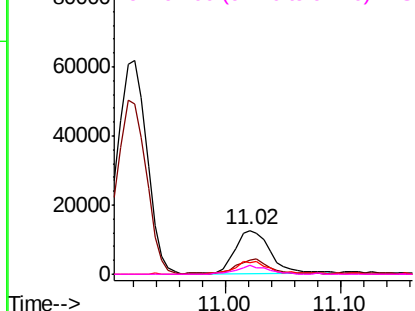
#33
4-Chloroaniline
Concen: 3.530 ng
RT: 11.02 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BG041821.D
Acq: 31 Jul 2019 3:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp:	26686
Ion Ratio	Lower	Upper
127	100	
129	31.4	25.8 38.8
65	27.2	26.7 40.1
92	19.3	15.4 23.0

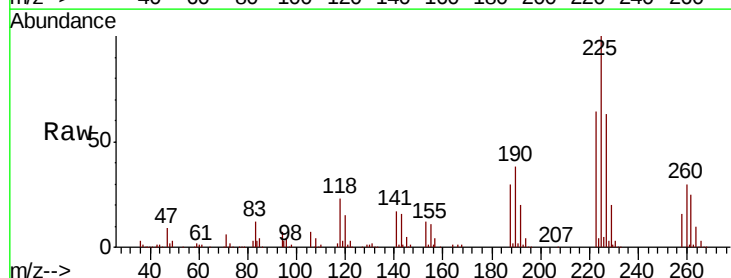


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

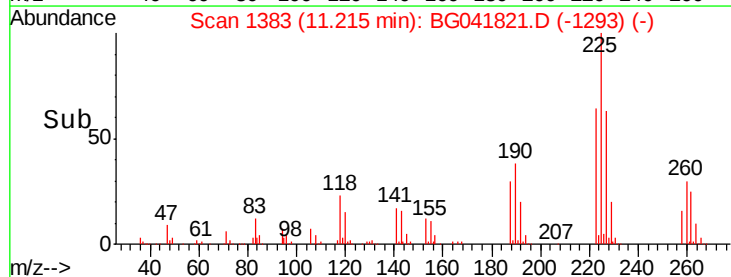
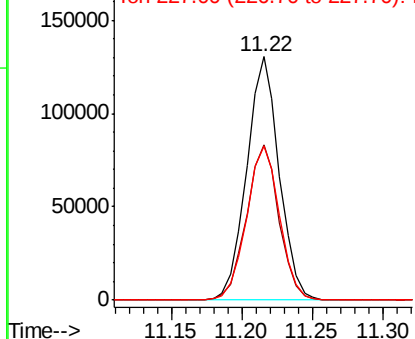


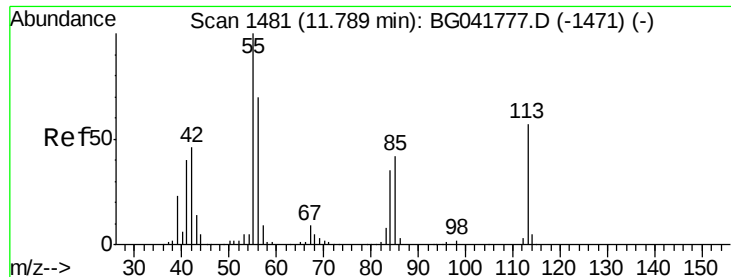
#34
Hexachlorobutadiene
Concen: 46.214 ng
RT: 11.22 min Scan# 1383
Delta R.T. 0.00 min
Lab File: BG041821.D
Acq: 31 Jul 2019 3:36

Tgt Ion:225	Resp:	210379
Ion Ratio	Lower	Upper
225	100	
223	63.9	51.1 76.7
227	63.0	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: 20.946 ng

RT: 11.79 min Scan# 1480

Delta R.T. -0.00 min

Lab File: BG041821.D

Acq: 31 Jul 2019 3:36

Instrument :

BNA_G

ClientSampled :

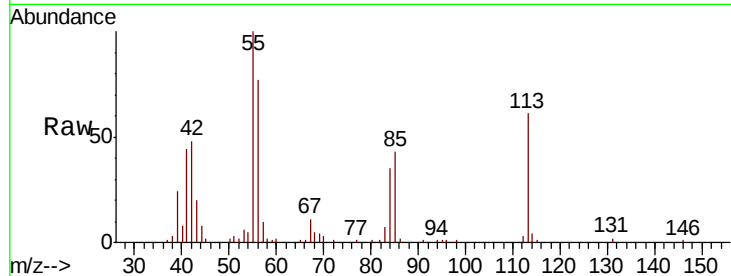
Tot Ion:113 Resp: 38718

Ion Ratio Lower Upper

113 100

55 164.4 199.4 239.4#

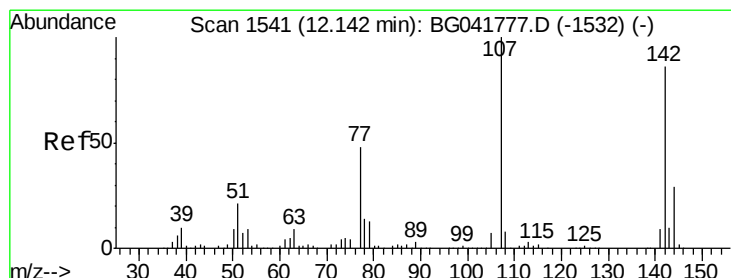
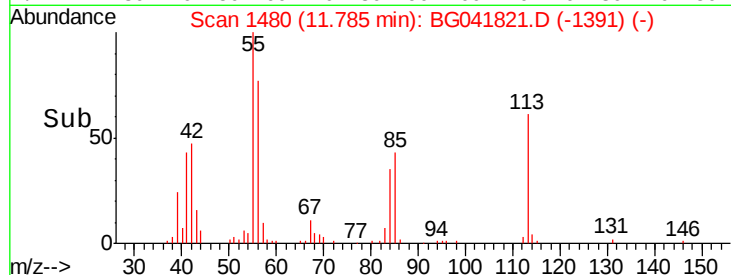
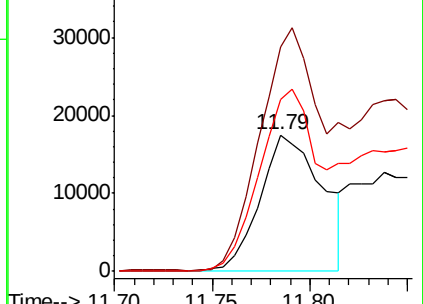
56 126.0 133.6 173.6#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 60.821 ng

RT: 12.14 min Scan# 1541

Delta R.T. 0.00 min

Lab File: BG041821.D

Acq: 31 Jul 2019 3:36

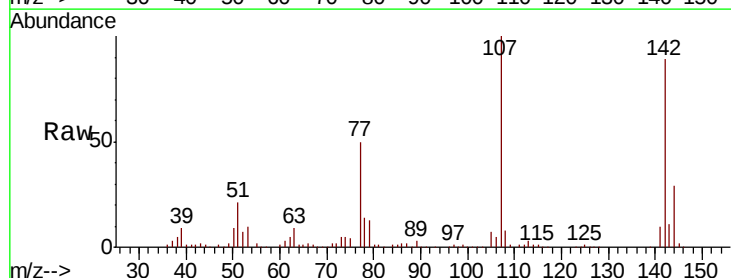
Tgt Ion:107 Resp: 320729

Ion Ratio Lower Upper

107 100

144 29.1 22.2 33.2

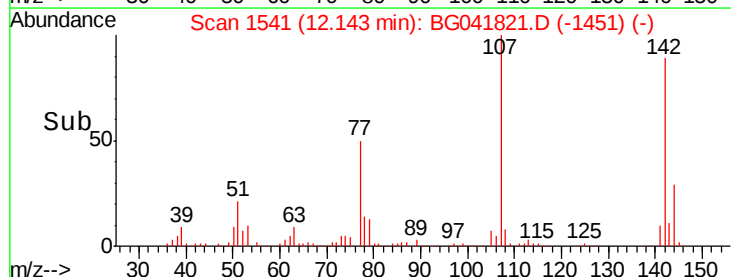
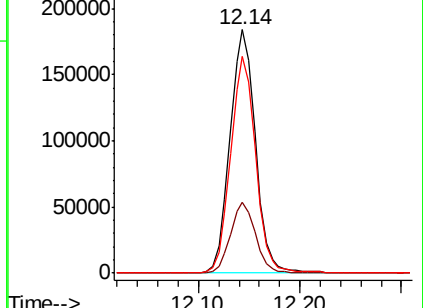
142 88.8 67.3 100.9

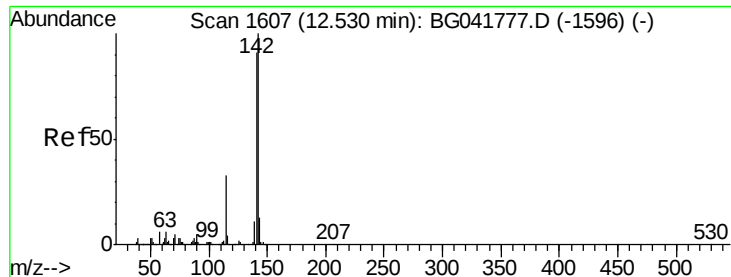


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

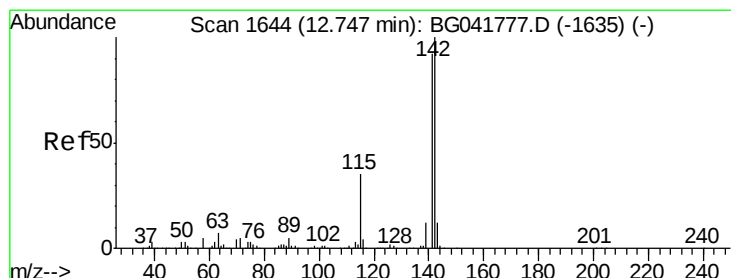
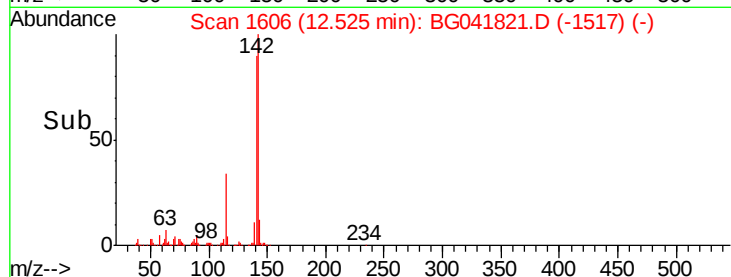
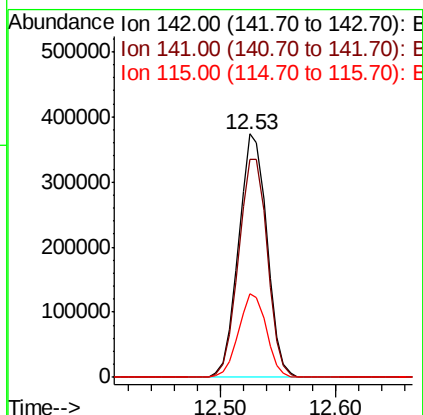
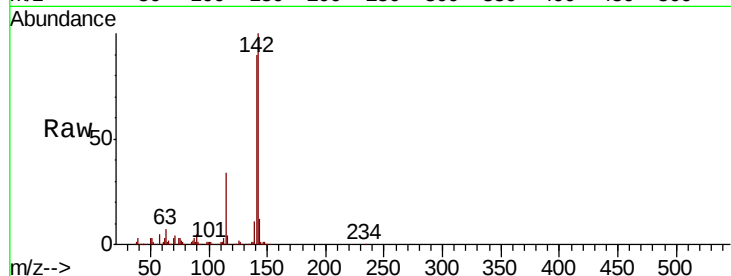




#37
2-Methylnaphthalene
Concen: 50.458 ng
RT: 12.53 min Scan# 1606
Delta R.T. -0.00 min
Lab File: BG041821.D
Acq: 31 Jul 2019 3:36

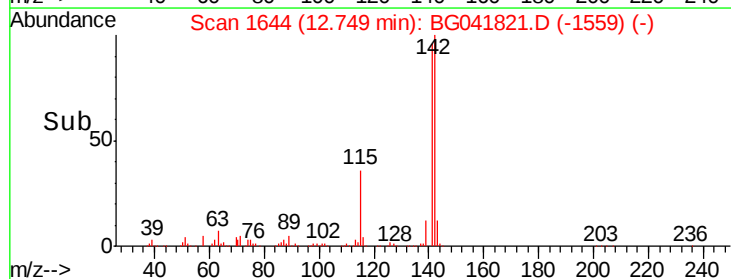
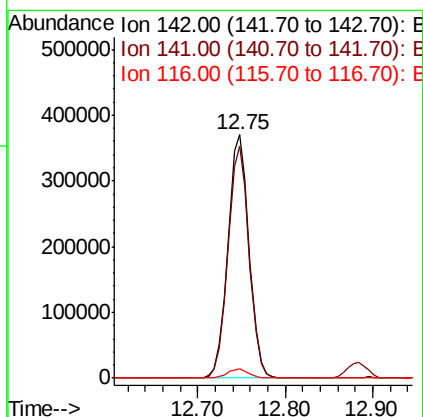
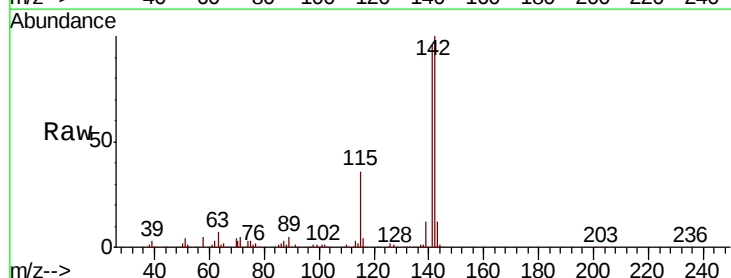
Instrument :
BNA_G
ClientSampleId :

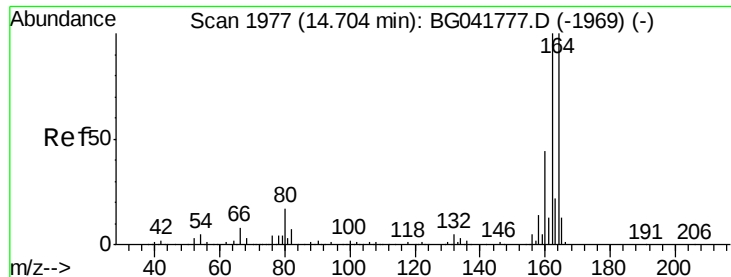
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	72.7	109.1
115	34.4	27.0	40.4



#38
1-Methylnaphthalene
Concen: 50.958 ng
RT: 12.75 min Scan# 1644
Delta R.T. 0.00 min
Lab File: BG041821.D
Acq: 31 Jul 2019 3:36

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.5	75.4	113.2
116	4.0	3.2	4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.71 min Scan# 1977

Delta R.T. 0.00 min

Lab File: BG041821.D

Acq: 31 Jul 2019 3:36

Instrument :

BNA_G

ClientSampleId :

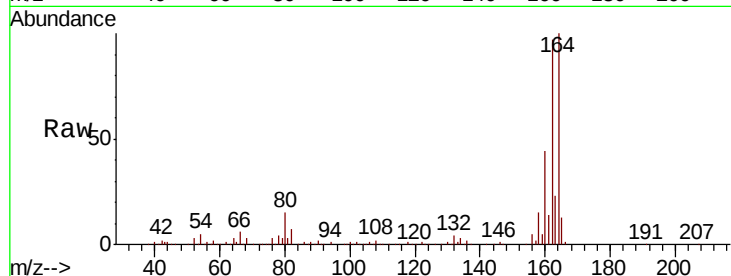
Tot Ion:164 Resp: 277261

Ion Ratio Lower Upper

164 100

162 97.4 79.6 119.4

160 44.4 35.4 53.0

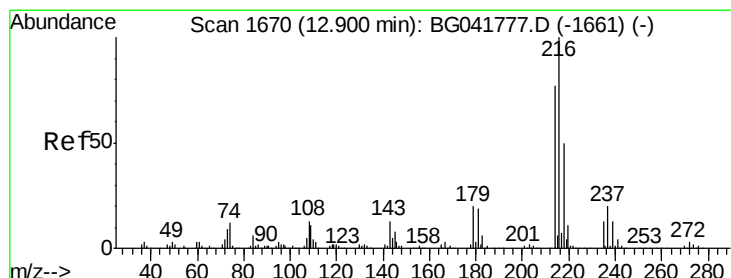
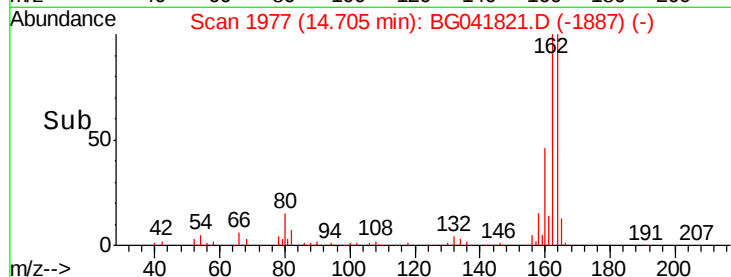
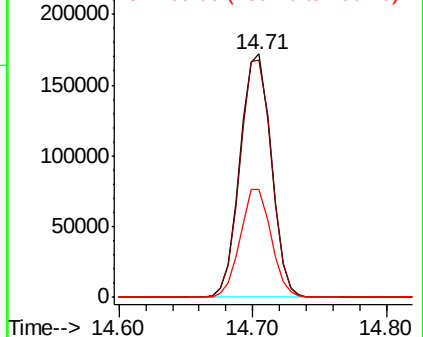


Abundance

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: 46.222 ng

RT: 12.90 min Scan# 1669

Delta R.T. -0.00 min

Lab File: BG041821.D

Acq: 31 Jul 2019 3:36

Tgt Ion:216 Resp: 405668

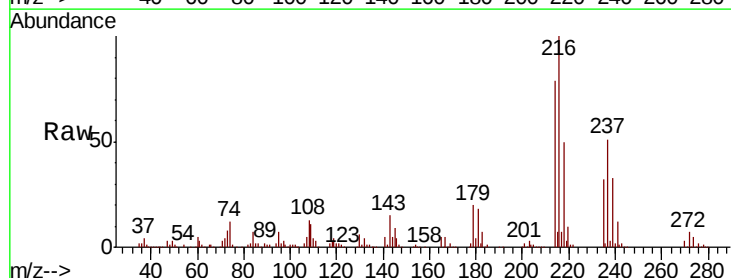
Ion Ratio Lower Upper

216 100

214 76.4 61.5 92.3

179 19.5 16.2 24.2

108 14.2 13.2 19.8



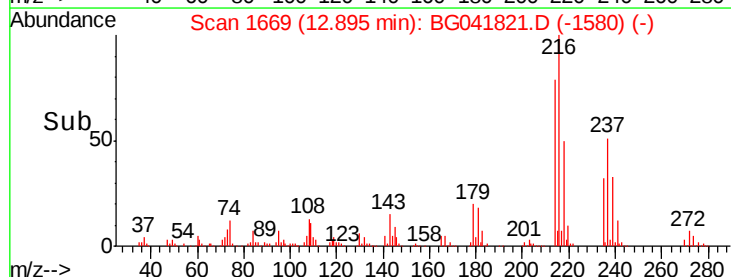
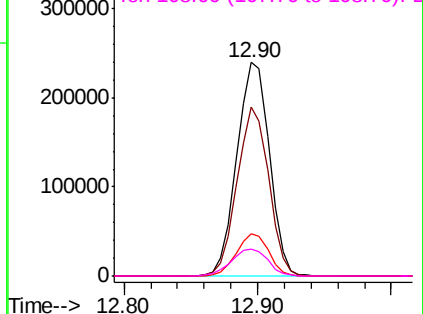
Abundance

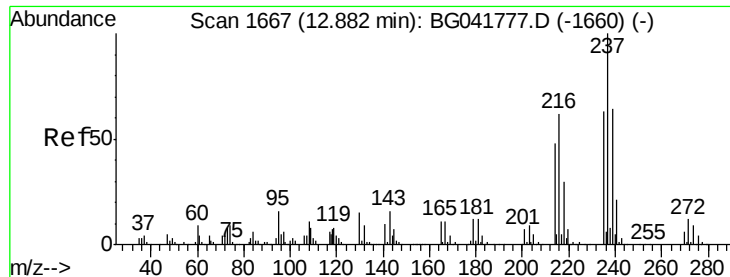
Ion 216.00 (215.70 to 216.70): E

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

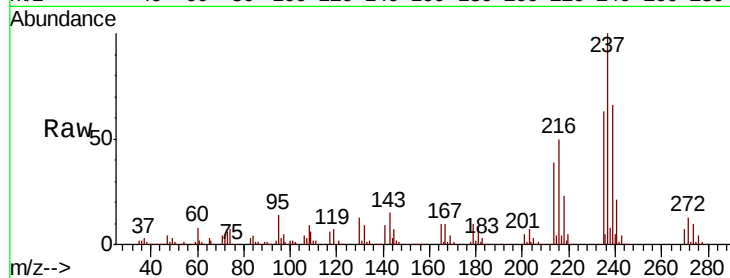




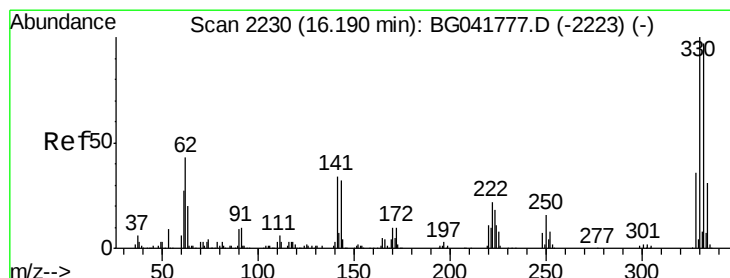
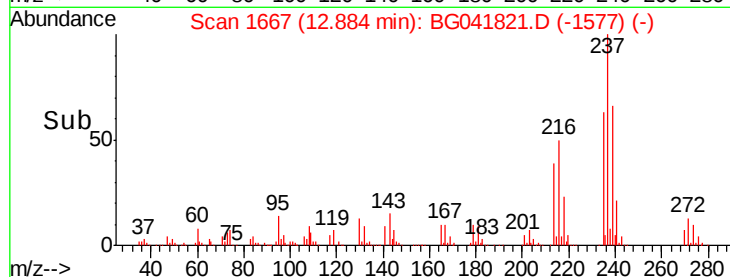
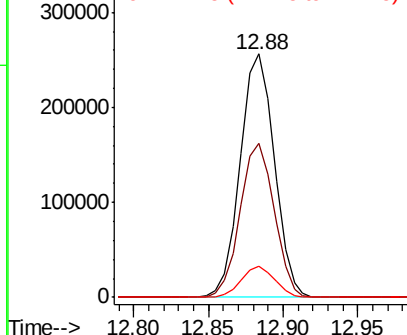
#41
Hexachlorocyclopentadiene
Concen: 82.500 ng
RT: 12.88 min Scan# 1667
Delta R.T. 0.00 min
Lab File: BG041821.D
Acq: 31 Jul 2019 3:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion:237 Resp: 407088
Ion Ratio Lower Upper
237 100
235 63.1 43.5 83.5
272 12.6 0.0 31.2

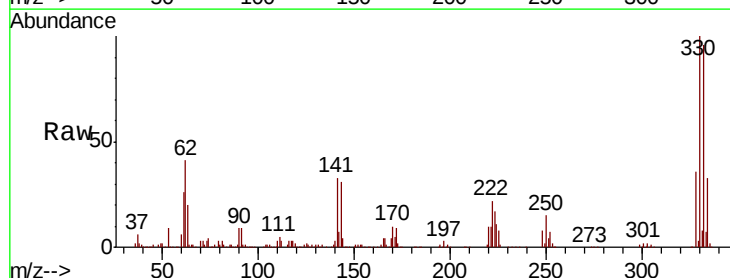


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

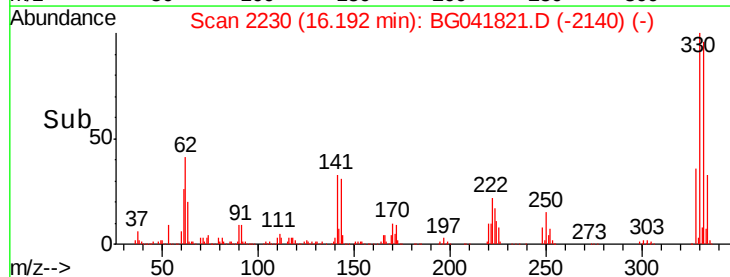
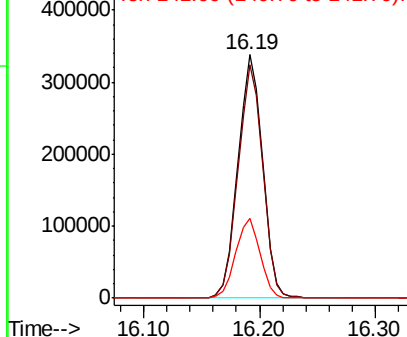


#42
2,4,6-Tribromophenol
Concen: 158.846 ng
RT: 16.19 min Scan# 2230
Delta R.T. 0.00 min
Lab File: BG041821.D
Acq: 31 Jul 2019 3:36

Tgt Ion:330 Resp: 500253
Ion Ratio Lower Upper
330 100
332 95.9 77.4 116.0
141 32.5 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

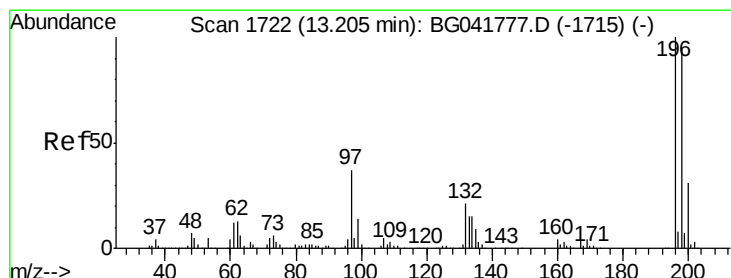
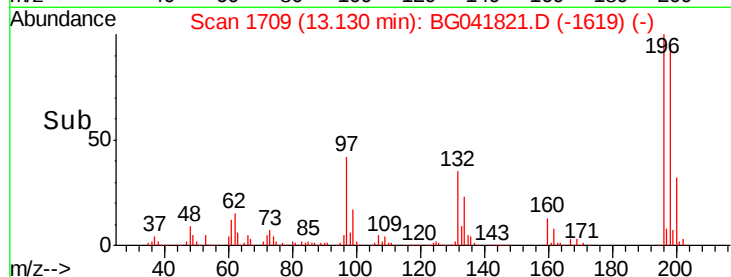
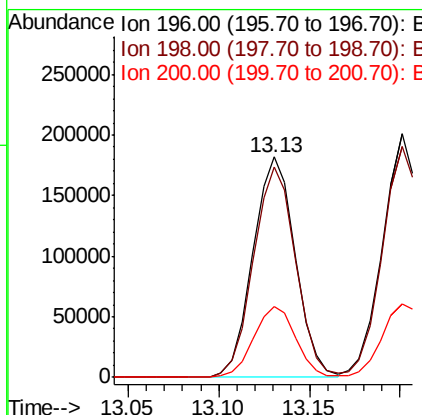
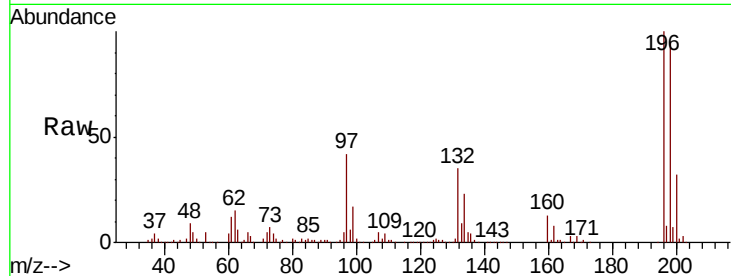




#43
 2,4,6-Trichlorophenol
 Concen: 52.992 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. 0.00 min
 Lab File: BG041821.D
 Acq: 31 Jul 2019 3:36

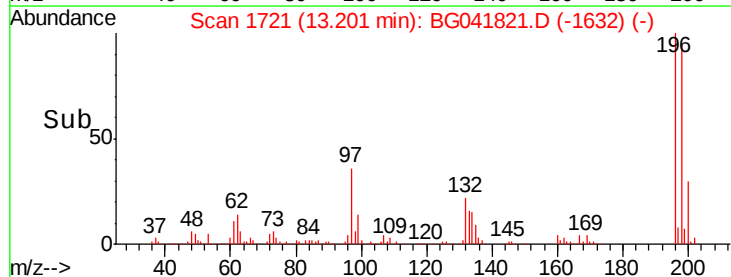
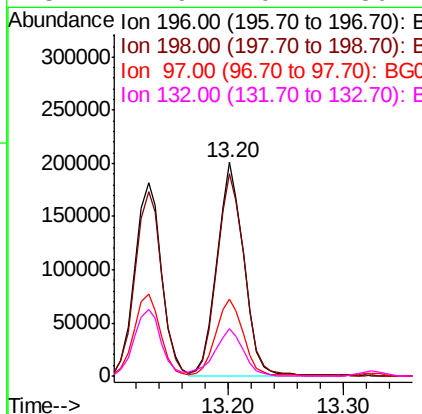
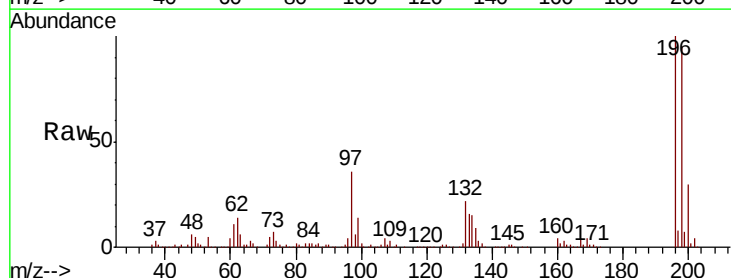
Instrument :
 BNA_G
 ClientSampled :

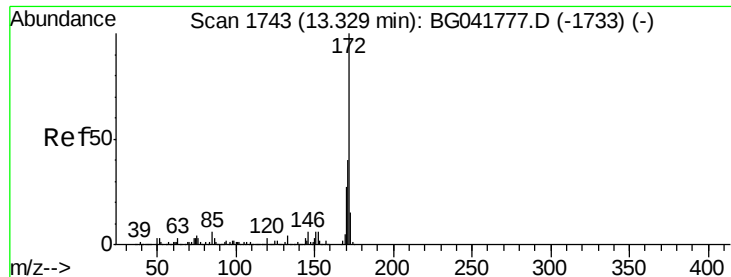
Tot Ion:196 Resp: 293953
 Ion Ratio Lower Upper
 196 100
 198 95.4 79.6 119.4
 200 32.4 25.2 37.8



#44
 2,4,5-Trichlorophenol
 Concen: 55.781 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.00 min
 Lab File: BG041821.D
 Acq: 31 Jul 2019 3:36

Tgt Ion:196 Resp: 321546
 Ion Ratio Lower Upper
 196 100
 198 94.9 80.6 121.0
 97 36.1 33.9 50.9
 132 21.9 20.2 30.2





#45

2-Fluorobiphenyl

Concen: 95.280 ng

RT: 13.32 min Scan# 1742

Delta R.T. -0.00 min

Lab File: BG041821.D

Acq: 31 Jul 2019 3:36

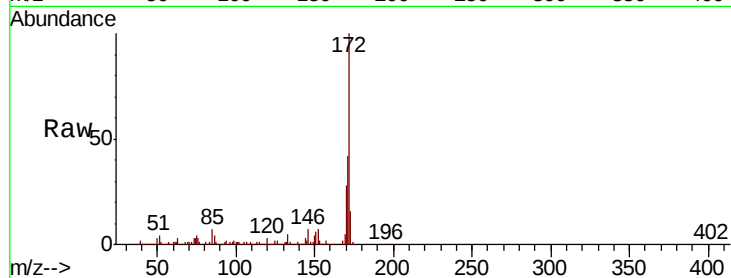
Instrument :

BNA_G

ClientSampleId :

Tot Ion:172 Resp: 1497817

Ion	Ratio	Lower	Upper
172	100		
171	41.8	35.0	52.4
170	27.7	23.5	35.3

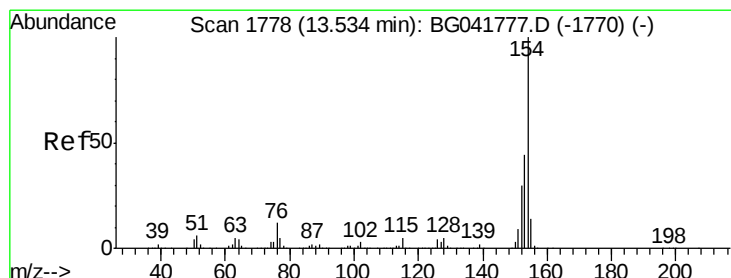
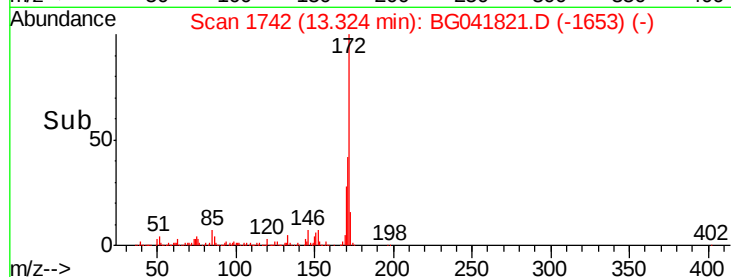
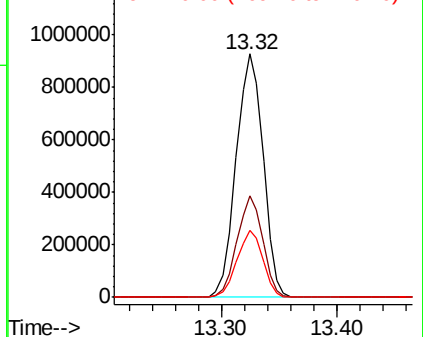


Abundance

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: 47.686 ng

RT: 13.54 min Scan# 1778

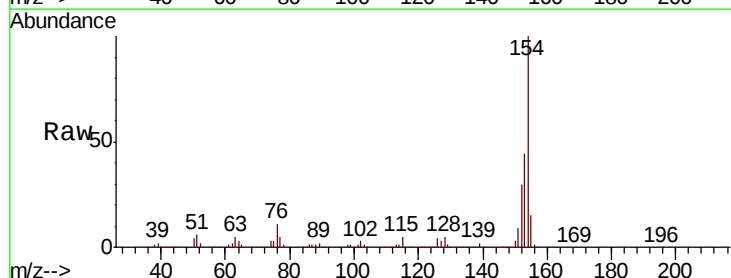
Delta R.T. 0.00 min

Lab File: BG041821.D

Acq: 31 Jul 2019 3:36

Tgt Ion:154 Resp: 849914

Ion	Ratio	Lower	Upper
154	100		
153	44.1	25.0	65.0
76	11.0	0.0	34.5

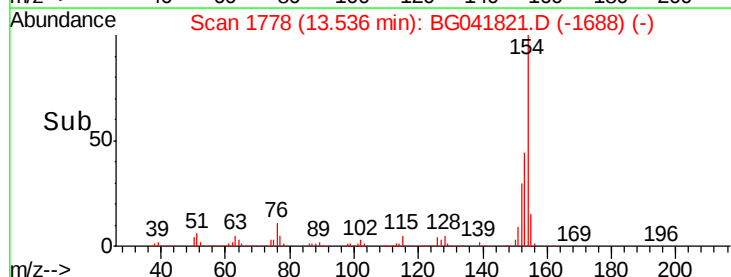
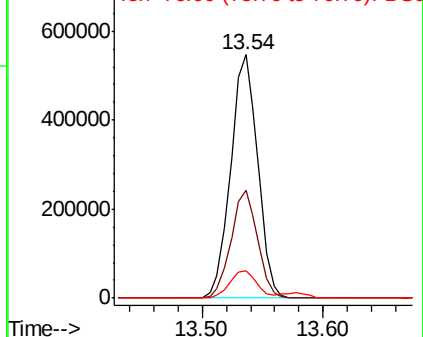


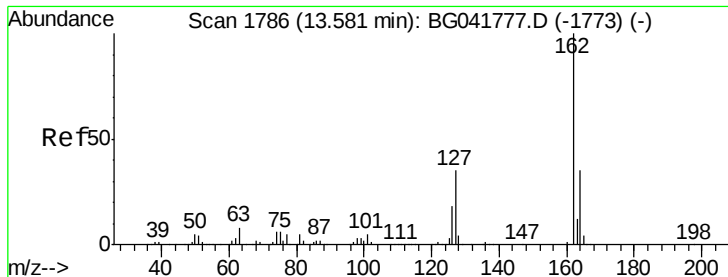
Abundance

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: 45.979 ng

RT: 13.58 min Scan# 1785

Delta R.T. -0.00 min

Lab File: BG041821.D

Acq: 31 Jul 2019 3:36

Instrument :

BNA_G

ClientSampleId :

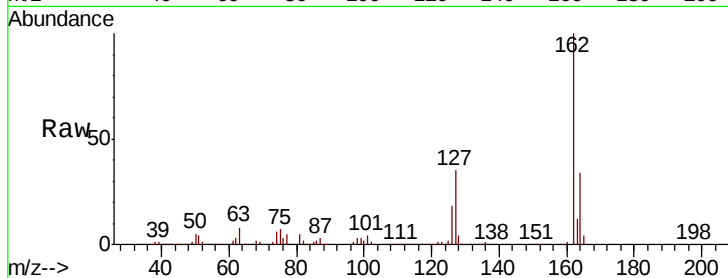
Tot Ion:162 Resp: 697702

Ion Ratio Lower Upper

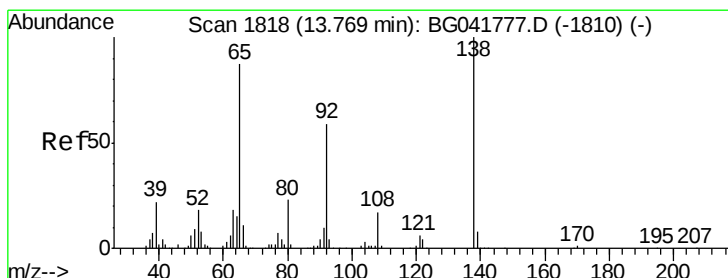
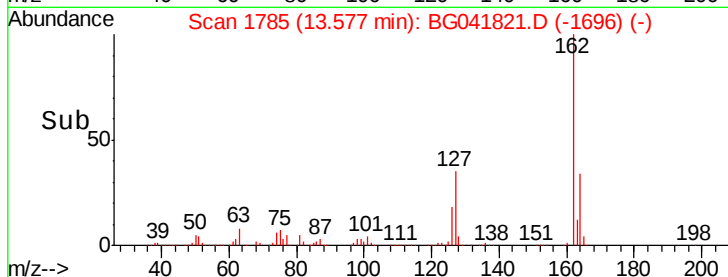
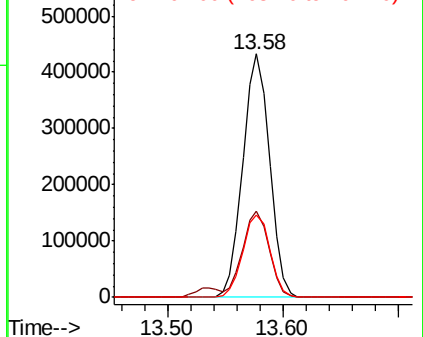
162 100

127 35.2 30.4 45.6

164 33.8 28.6 42.8



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



#48

2-Nitroaniline

Concen: 55.051 ng

RT: 13.77 min Scan# 1818

Delta R.T. 0.00 min

Lab File: BG041821.D

Acq: 31 Jul 2019 3:36

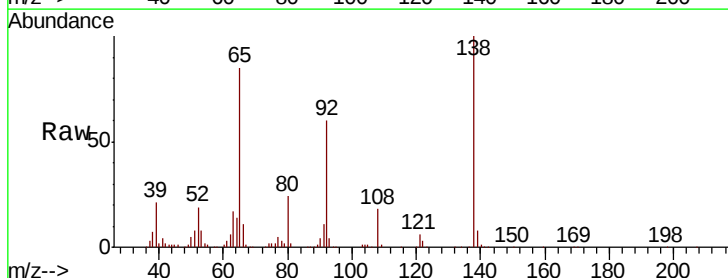
Tgt Ion: 65 Resp: 211867

Ion Ratio Lower Upper

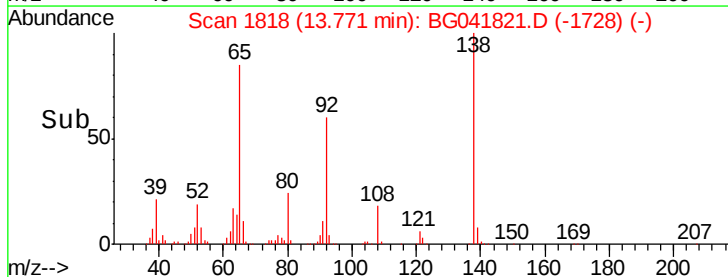
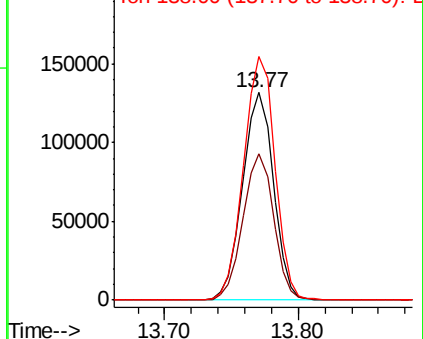
65 100

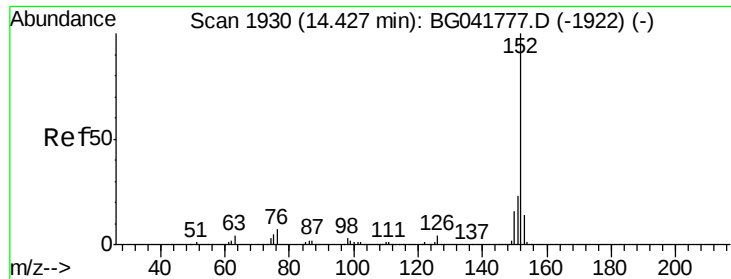
92 70.3 53.9 80.9

138 117.5 83.5 125.3



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





#49

Acenaphthylene

Concen: 49.910 ng

RT: 14.42 min Scan# 1929

Delta R.T. -0.00 min

Lab File: BG041821.D

Acq: 31 Jul 2019 3:36

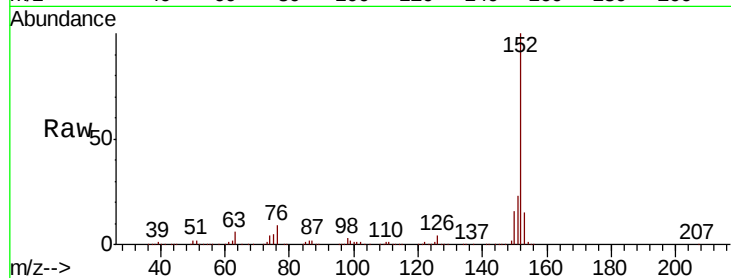
Instrument :

BNA_G

ClientSampleId :

Tot Ion:152 Resp: 1132886

Ion	Ratio	Lower	Upper
152	100		
151	22.9	18.7	28.1
153	14.8	12.4	18.6

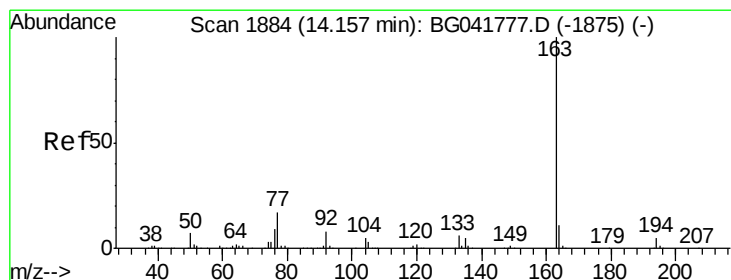
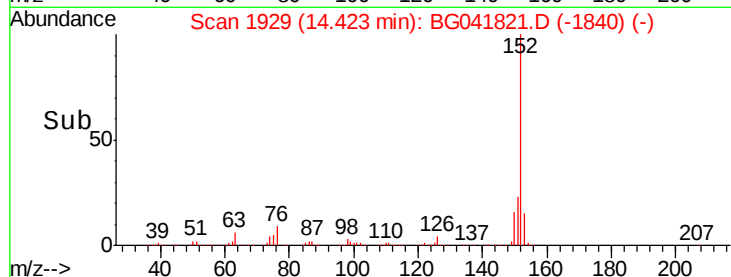
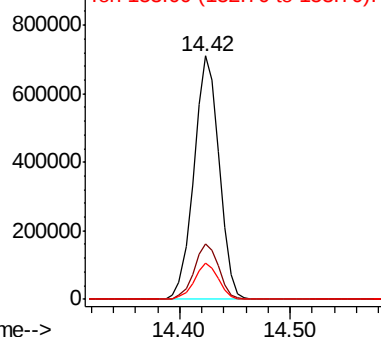


Abundance

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: 53.026 ng

RT: 14.15 min Scan# 1883

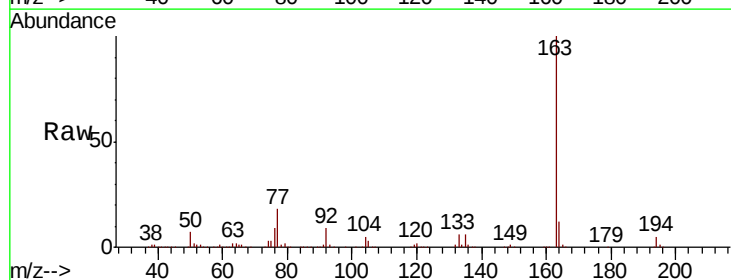
Delta R.T. -0.00 min

Lab File: BG041821.D

Acq: 31 Jul 2019 3:36

Tgt Ion:163 Resp: 1004085

Ion	Ratio	Lower	Upper
163	100		
194	5.4	4.2	6.2
164	11.7	9.4	14.2

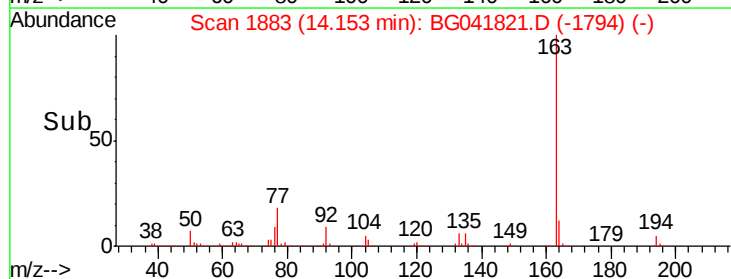
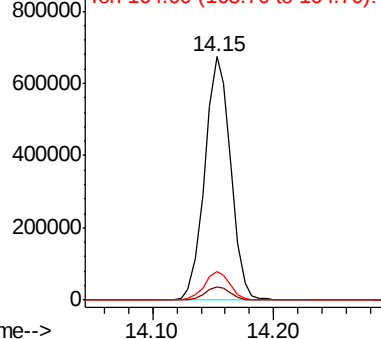


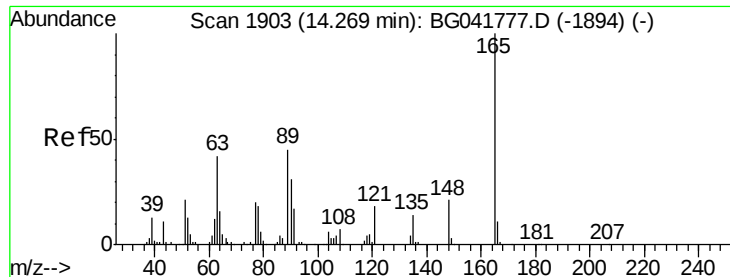
Abundance

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: 59.034 ng

RT: 14.26 min Scan# 1902

Delta R.T. -0.00 min

Lab File: BG041821.D

Acq: 31 Jul 2019 3:36

Instrument :

BNA_G

ClientSampleId :

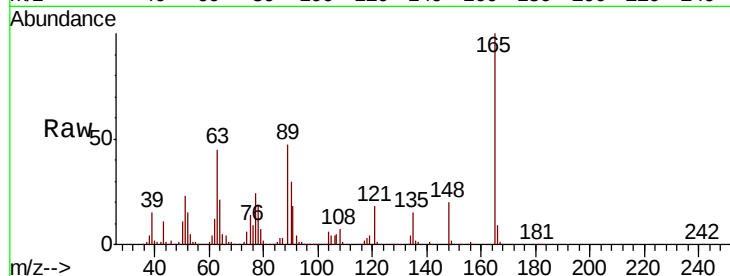
Tot Ion:165 Resp: 233745

Ion Ratio Lower Upper

165 100

63 45.1 42.4 63.6

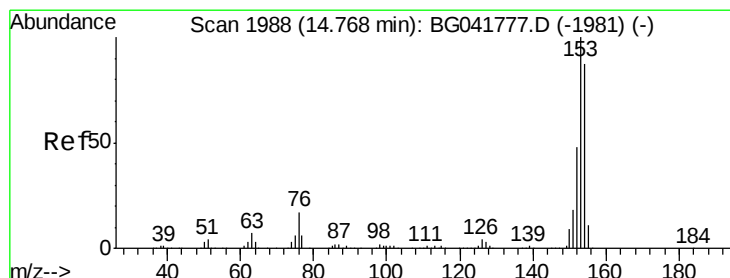
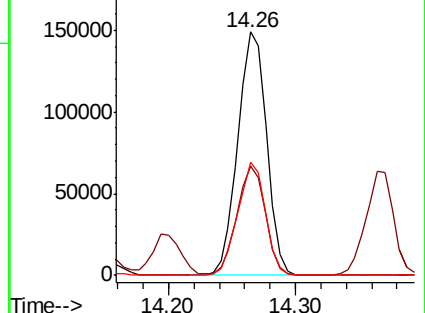
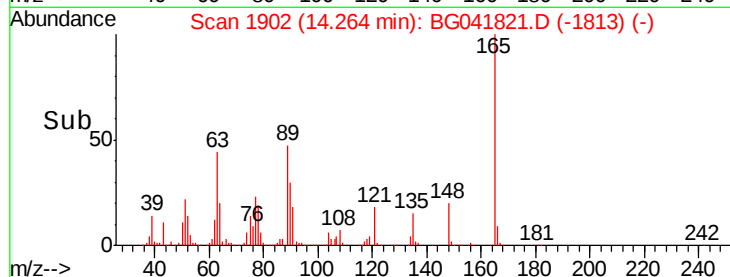
89 46.5 42.1 63.1



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 53.171 ng

RT: 14.76 min Scan# 1987

Delta R.T. -0.00 min

Lab File: BG041821.D

Acq: 31 Jul 2019 3:36

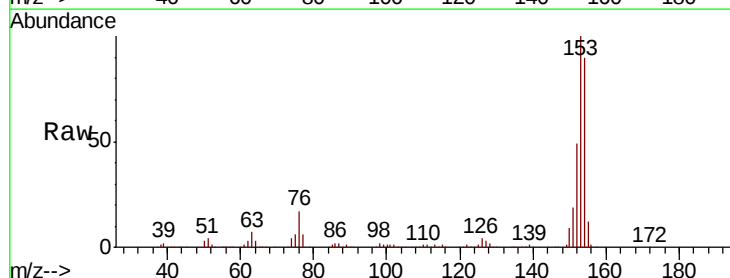
Tgt Ion:154 Resp: 784966

Ion Ratio Lower Upper

154 100

153 111.5 89.8 134.6

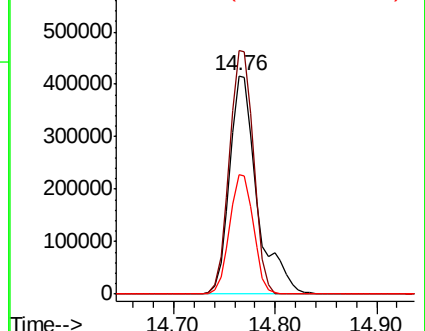
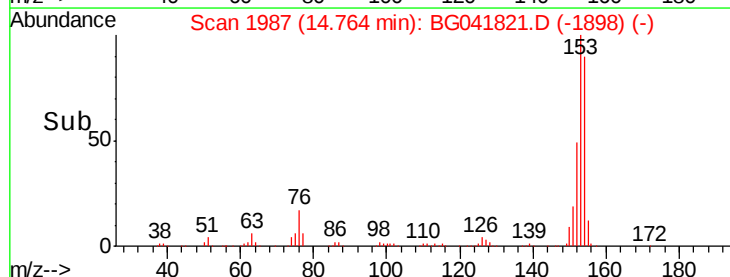
152 54.8 44.9 67.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

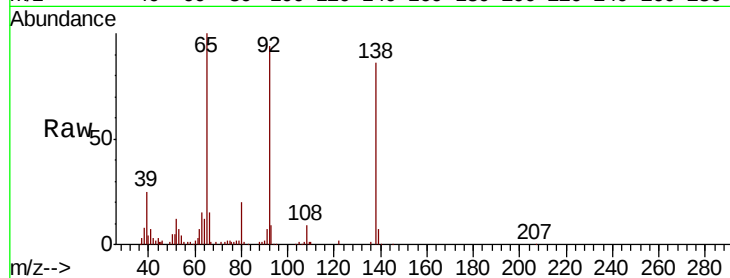




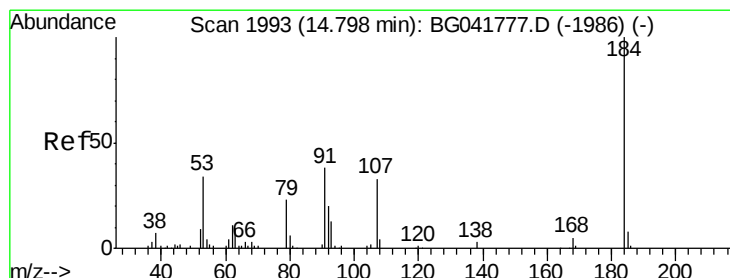
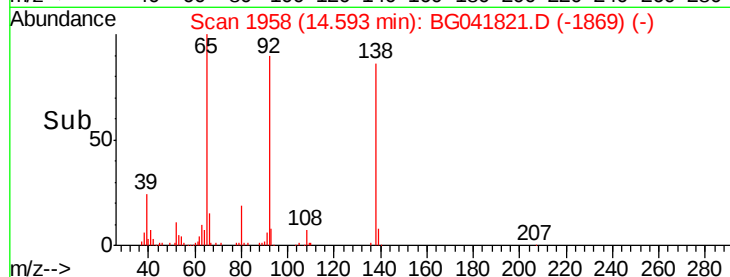
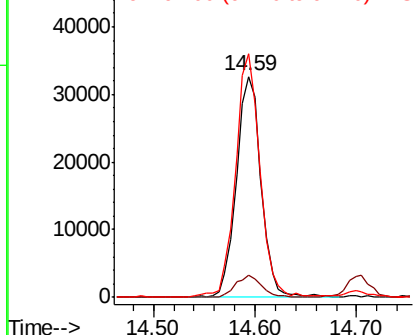
#53
3-Nitroaniline
Concen: 13.039 ng
RT: 14.59 min Scan# 1958
Delta R.T. -0.00 min
Lab File: BG041821.D
Acq: 31 Jul 2019 3:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 55234
Ion Ratio Lower Upper
138 100
108 10.2 10.3 15.5#
92 110.1 93.0 139.4

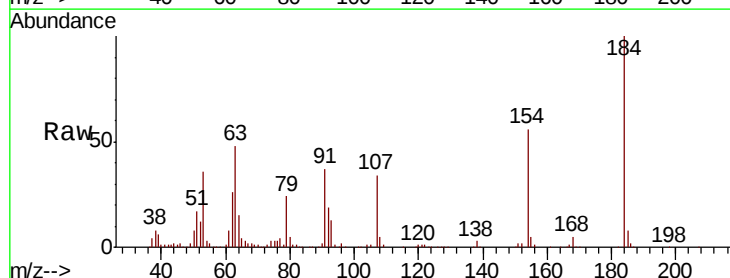


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

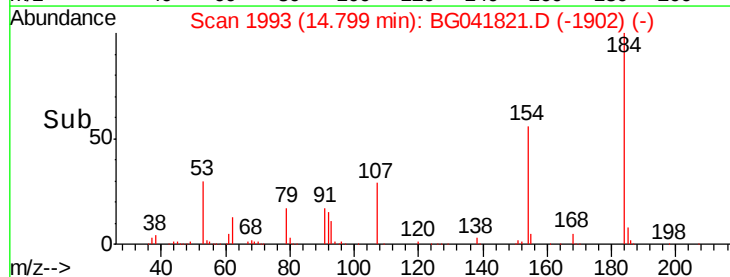
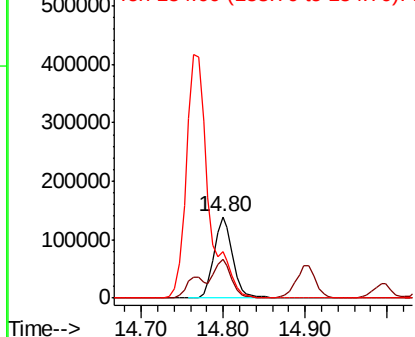


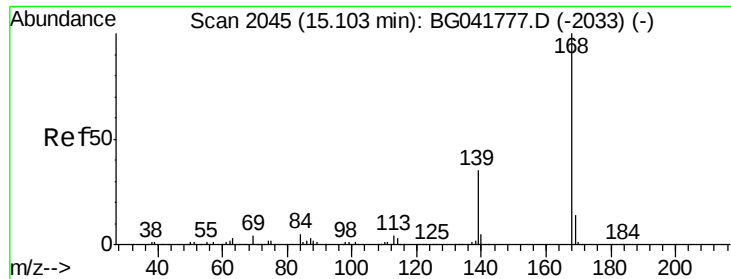
#54
2,4-Dinitrophenol
Concen: 89.222 ng
RT: 14.80 min Scan# 1993
Delta R.T. 0.00 min
Lab File: BG041821.D
Acq: 31 Jul 2019 3:36

Tgt Ion:184 Resp: 223580
Ion Ratio Lower Upper
184 100
63 47.9 43.2 64.8
154 56.5 51.4 77.2



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





#55

Dibenzenofuran

Concen: 49.976 ng

RT: 15.10 min Scan# 2044

Delta R.T. -0.00 min

Lab File: BG041821.D

Acq: 31 Jul 2019 3:36

Instrument :

BNA_G

ClientSampleId :

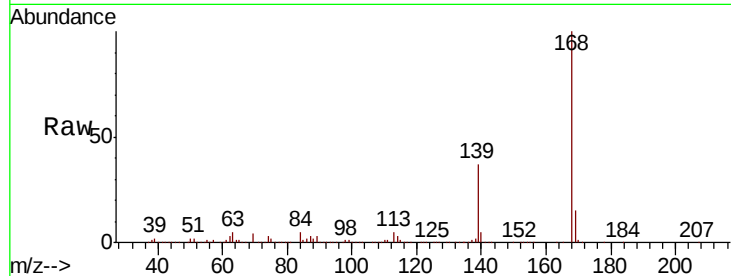
Tot Ion:168 Resp: 1128497

Ion Ratio Lower Upper

168 100

139 36.9 31.9 47.9

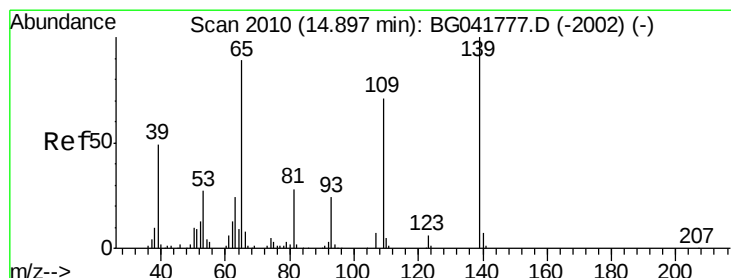
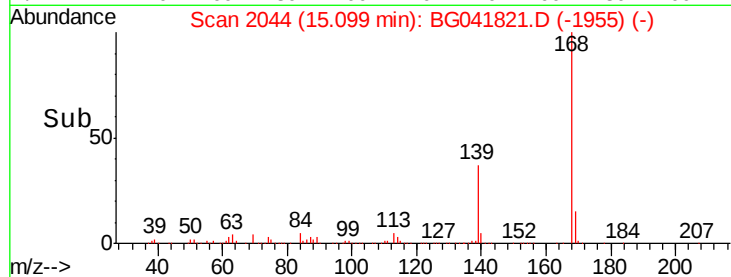
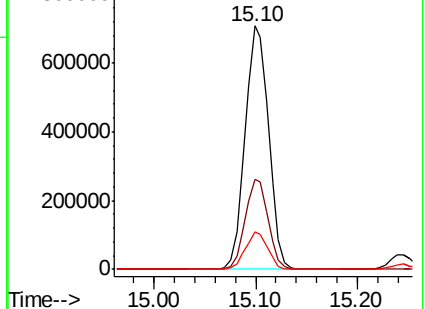
169 15.5 12.5 18.7



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 108.750 ng

RT: 14.90 min Scan# 2011

Delta R.T. 0.01 min

Lab File: BG041821.D

Acq: 31 Jul 2019 3:36

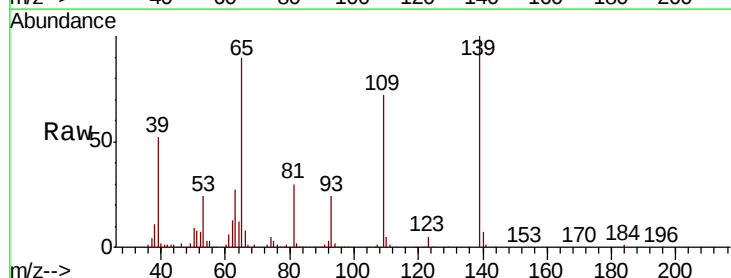
Tgt Ion:139 Resp: 349673

Ion Ratio Lower Upper

139 100

109 71.9 51.3 91.3

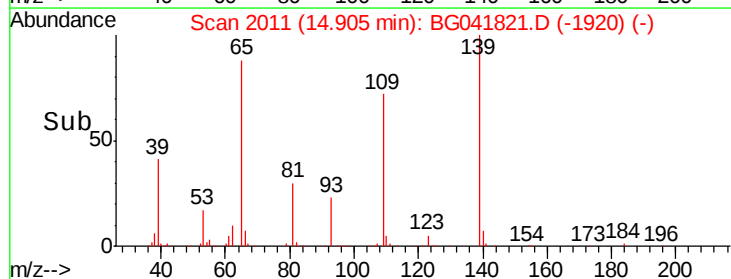
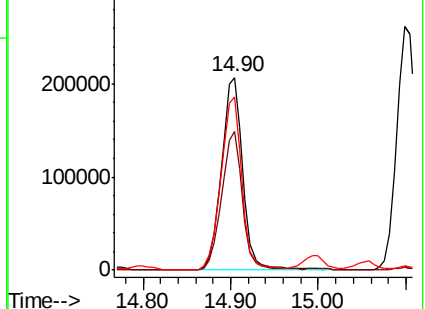
65 89.6 77.6 117.6

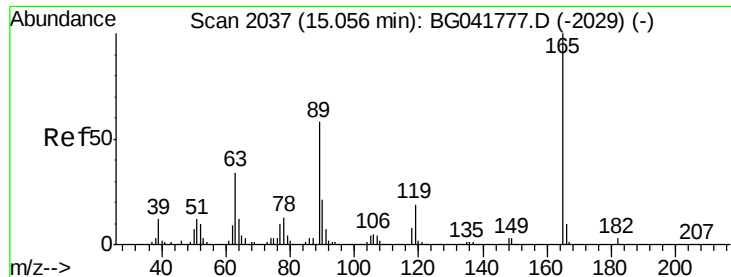


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

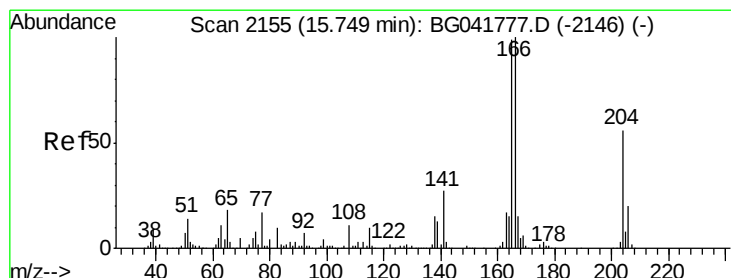
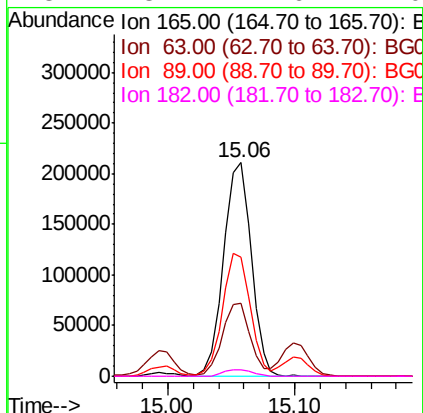
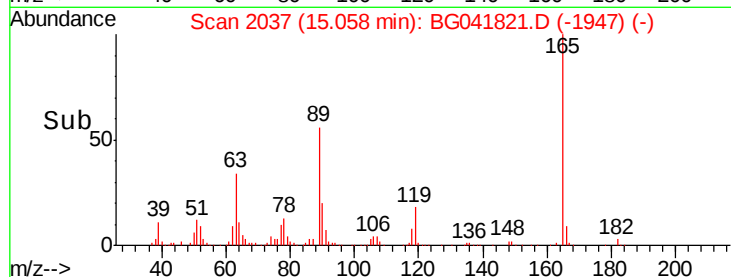
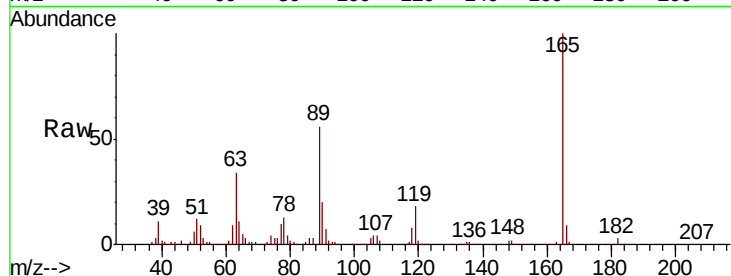




#57
2,4-Dinitrotoluene
Concen: 58.723 ng
RT: 15.06 min Scan# 2037
Delta R.T. 0.00 min
Lab File: BG041821.D
Acq: 31 Jul 2019 3:36

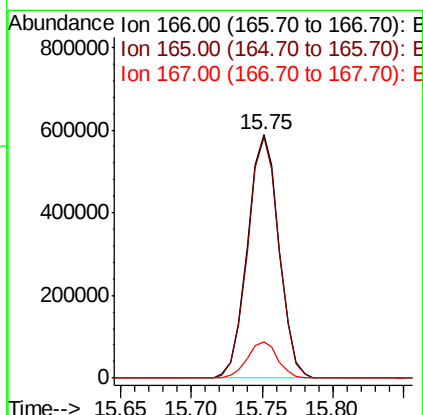
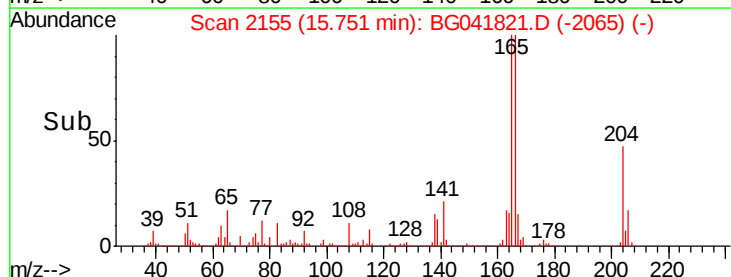
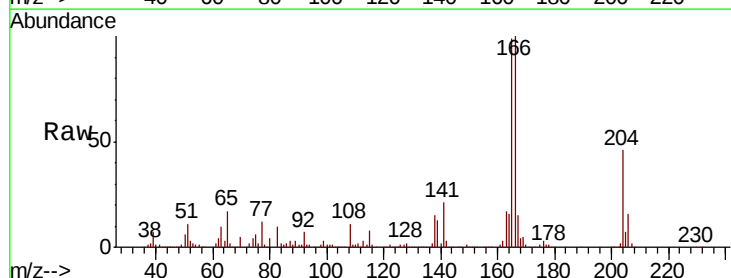
Instrument :
BNA_G
ClientSampleId :

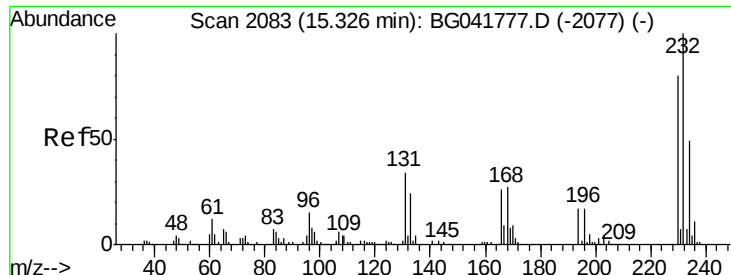
Tot Ion	Ratio	Lower	Upper
165	100		
63	34.0	31.7	47.5
89	55.6	50.2	75.4
182	3.2	2.6	4.0



#58
Fluorene
Concen: 50.640 ng
RT: 15.75 min Scan# 2155
Delta R.T. 0.00 min
Lab File: BG041821.D
Acq: 31 Jul 2019 3:36

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.8	80.5	120.7
167	14.7	12.4	18.6

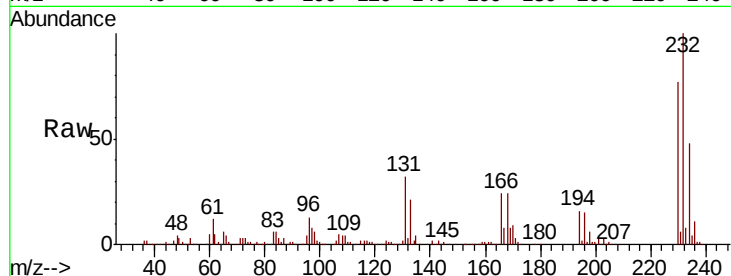




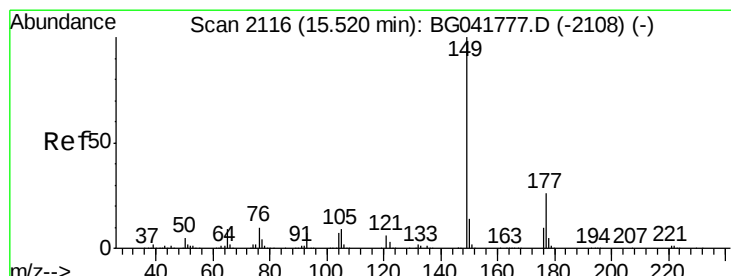
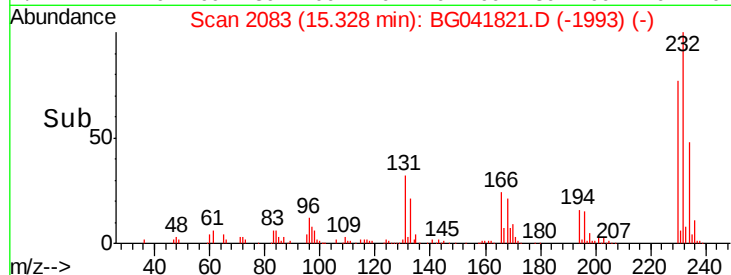
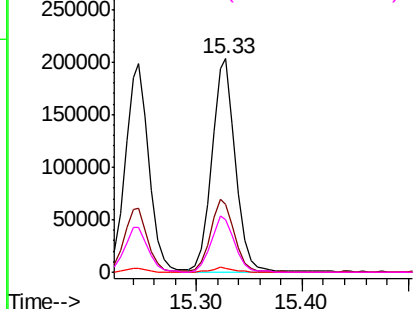
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 55.231 ng
 RT: 15.33 min Scan# 2083
 Delta R.T. 0.00 min
 Lab File: BG041821.D
 Acq: 31 Jul 2019 3:36

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	232	Resp:	315328
Ion	Ratio	Lower	Upper
232	100		
131	34.5	31.8	47.6
130	2.1	1.8	2.8
166	26.3	23.5	35.3

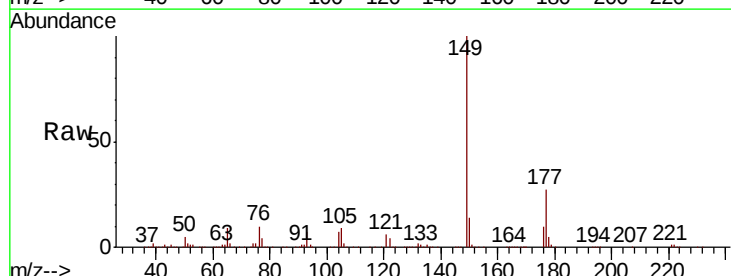


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

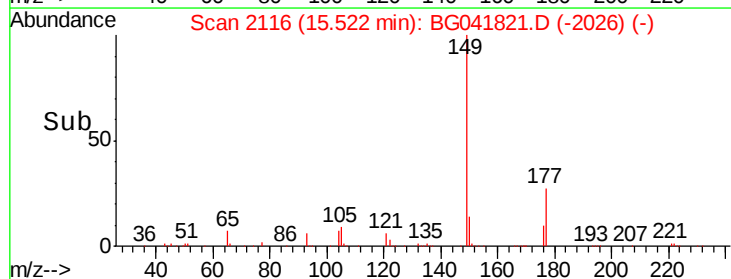
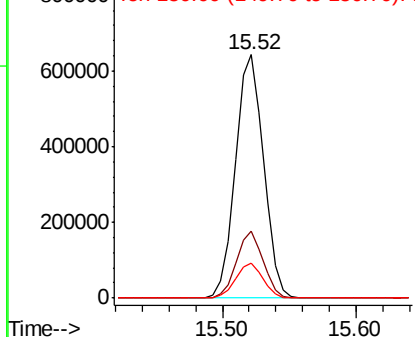


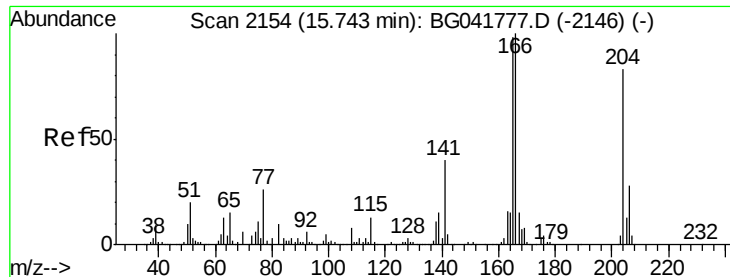
#60
 Diethylphthalate
 Concen: 50.394 ng
 RT: 15.52 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: BG041821.D
 Acq: 31 Jul 2019 3:36

Tgt Ion:	149	Resp:	936846
Ion	Ratio	Lower	Upper
149	100		
177	27.3	20.7	31.1
150	14.3	11.5	17.3



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

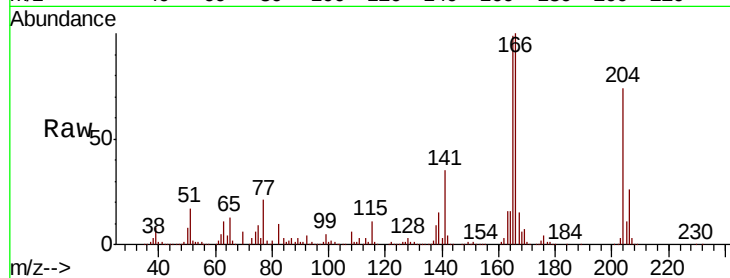




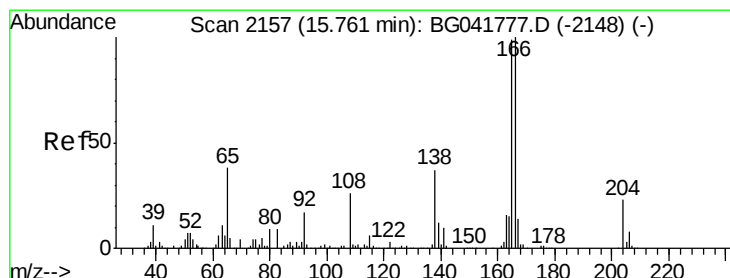
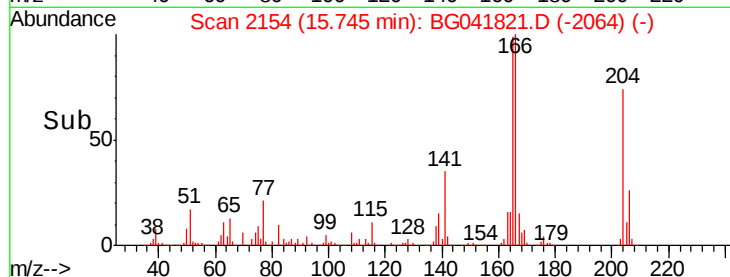
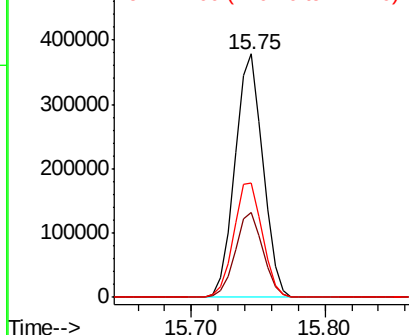
#61
 4-Chlorophenyl-phenylether
 Concen: 49.549 ng
 RT: 15.75 min Scan# 2154
 Delta R.T. 0.00 min
 Lab File: BG041821.D
 Acq: 31 Jul 2019 3:36

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:204 Resp: 548153
 Ion Ratio Lower Upper
 204 100
 206 35.0 28.6 42.8
 141 47.1 42.9 64.3

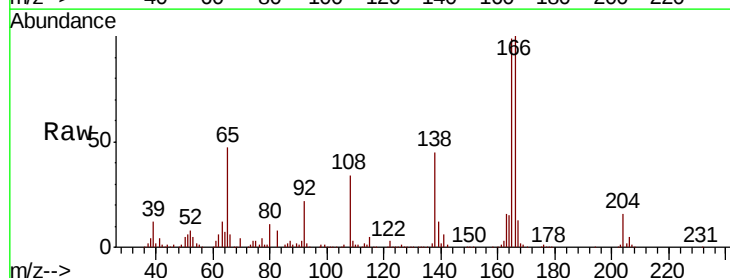


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

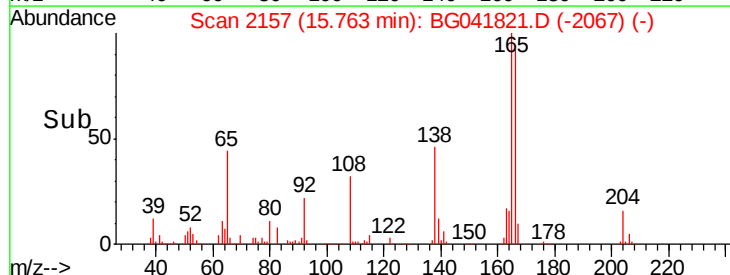
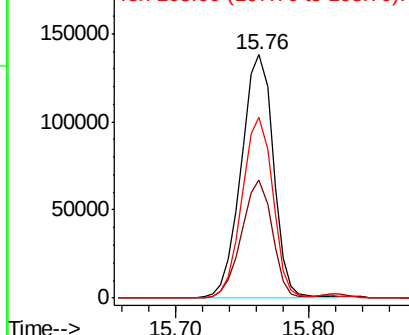


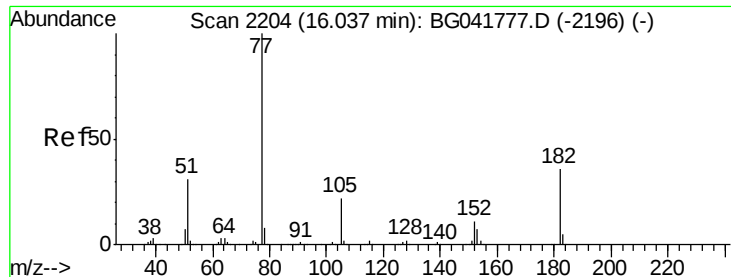
#62
 4-Nitroaniline
 Concen: 50.210 ng
 RT: 15.76 min Scan# 2157
 Delta R.T. 0.00 min
 Lab File: BG041821.D
 Acq: 31 Jul 2019 3:36

Tgt Ion:138 Resp: 230371
 Ion Ratio Lower Upper
 138 100
 92 48.5 29.8 69.8
 108 74.5 52.2 92.2



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

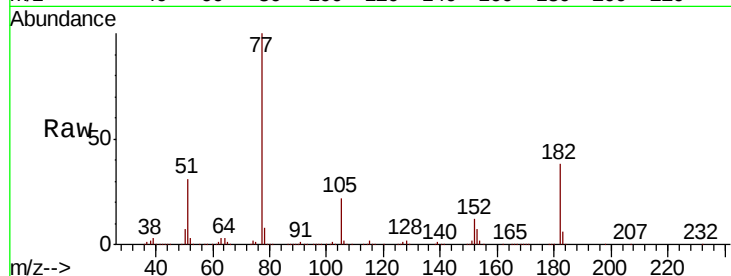




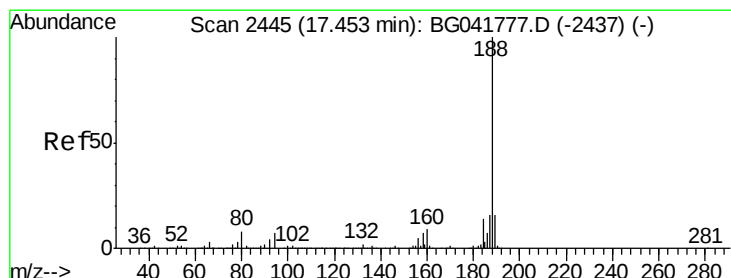
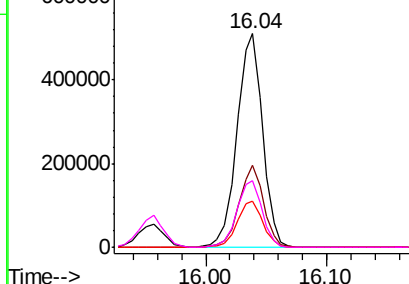
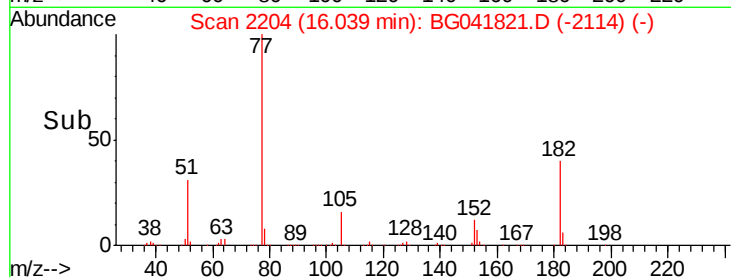
#63
Azobenzene
Concen: 49.351 ng
RT: 16.04 min Scan# 2204
Delta R.T. 0.00 min
Lab File: BG041821.D
Acq: 31 Jul 2019 3:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	749461
Ion	Ratio	Lower	Upper
77	100		
182	38.2	13.2	53.2
105	21.8	2.2	42.2
51	31.4	14.6	54.6

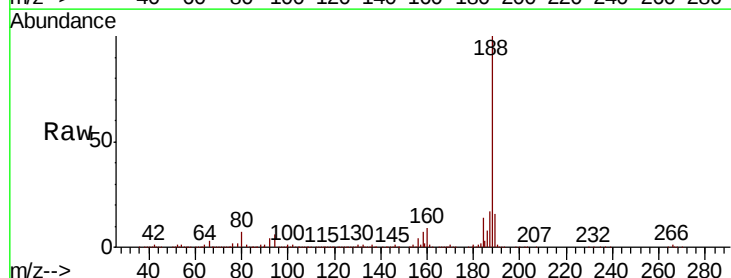


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

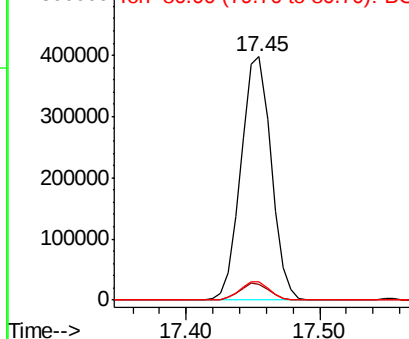
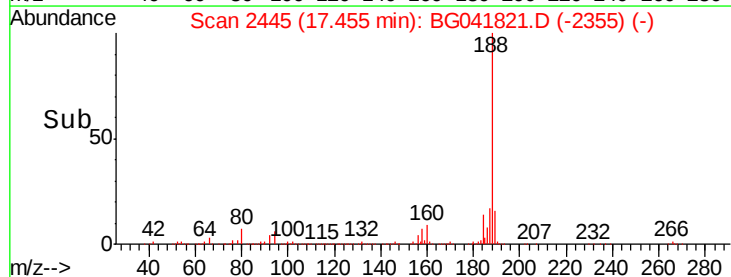


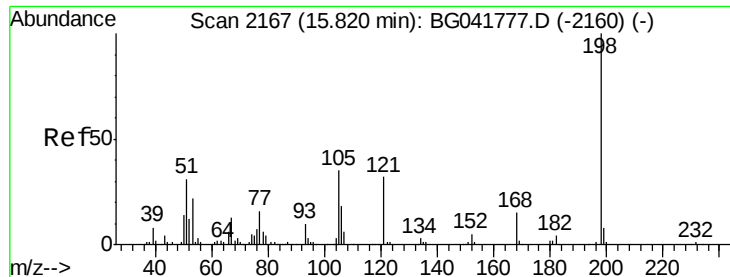
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2445
Delta R.T. 0.00 min
Lab File: BG041821.D
Acq: 31 Jul 2019 3:36

Tgt Ion:	188	Resp:	620299
Ion	Ratio	Lower	Upper
188	100		
94	6.3	6.9	10.3#
80	7.4	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: 58.795 ng

RT: 15.82 min Scan# 2167

Delta R.T. 0.00 min

Lab File: BG041821.D

Acq: 31 Jul 2019 3:36

Instrument :

BNA_G

ClientSampleId :

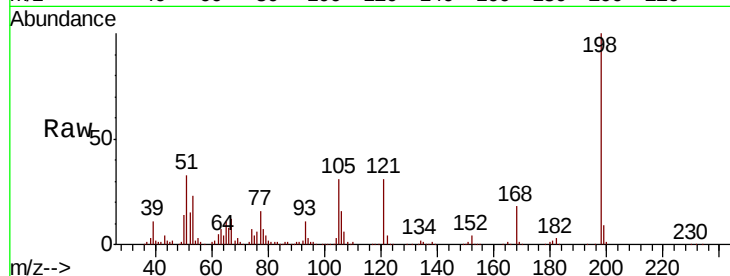
Tot Ion:198 Resp: 183957

Ion Ratio Lower Upper

198 100

51 32.5 22.3 62.3

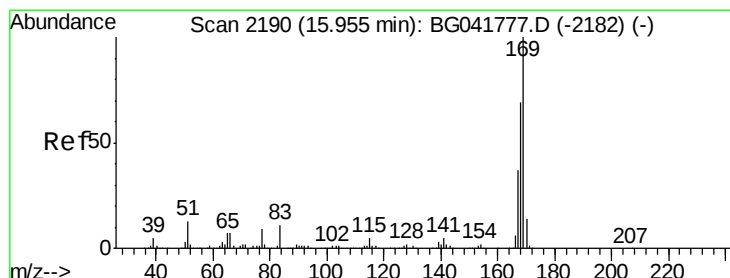
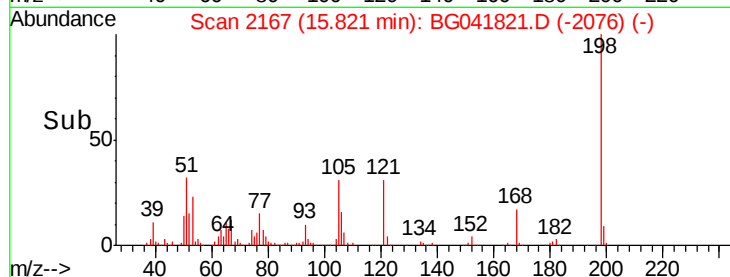
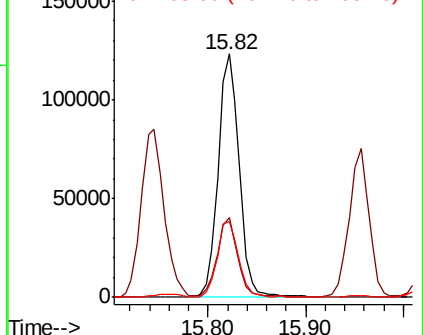
105 31.3 18.0 58.0



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 51.988 ng

RT: 15.96 min Scan# 2190

Delta R.T. 0.00 min

Lab File: BG041821.D

Acq: 31 Jul 2019 3:36

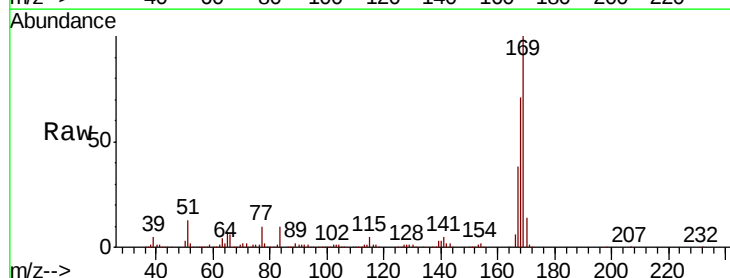
Tgt Ion:169 Resp: 878413

Ion Ratio Lower Upper

169 100

168 70.7 56.9 85.3

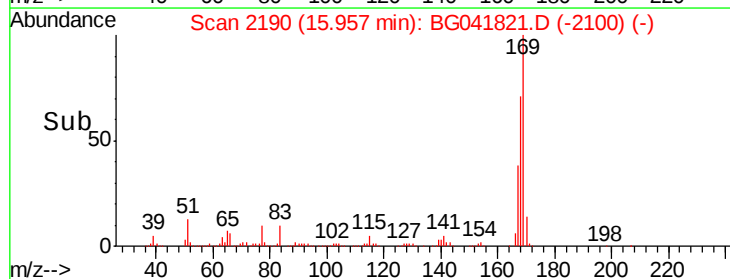
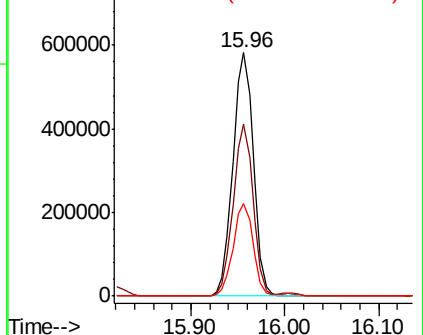
167 38.1 31.5 47.3

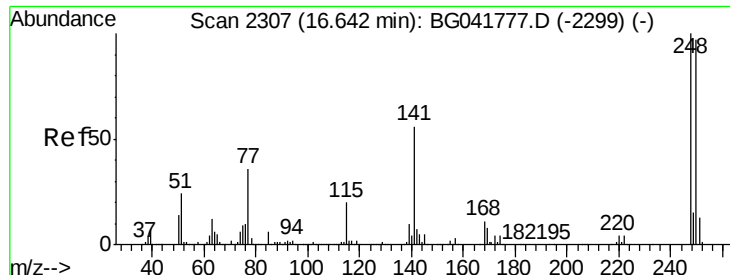


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

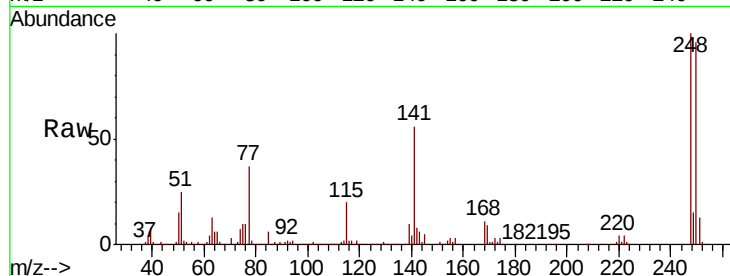




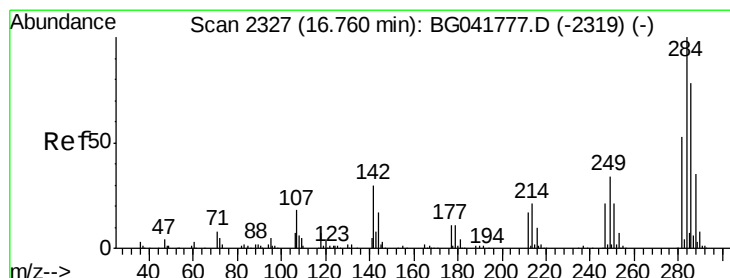
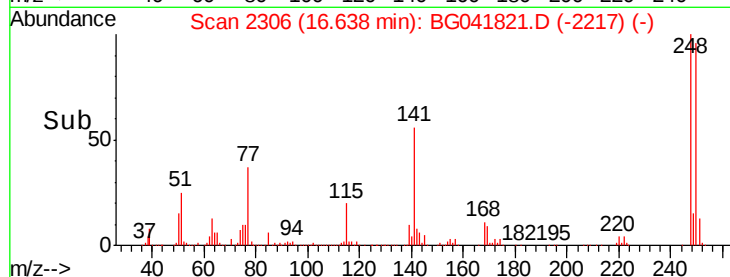
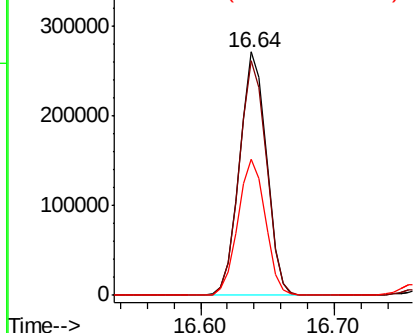
#67
4-Bromophenyl-phenylether
Concen: 49.582 ng
RT: 16.64 min Scan# 2306
Delta R.T. -0.00 min
Lab File: BG041821.D
Acq: 31 Jul 2019 3:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 378849
Ion Ratio Lower Upper
248 100
250 96.5 78.1 117.1
141 55.7 49.6 74.4

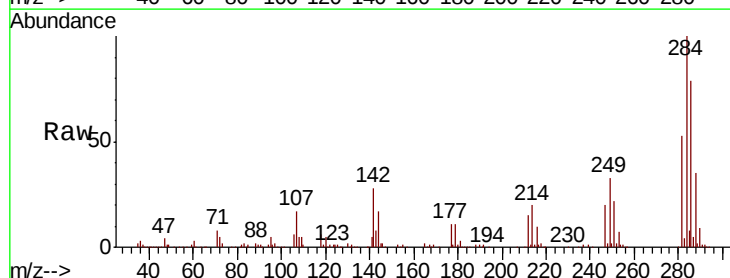


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

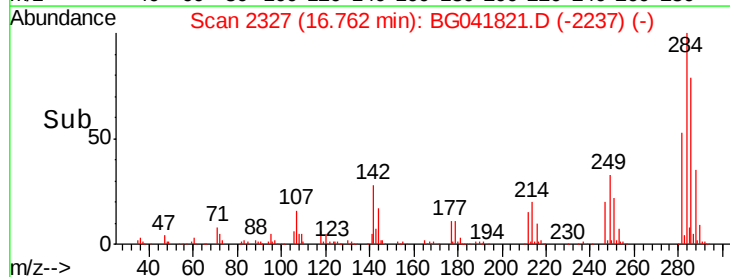
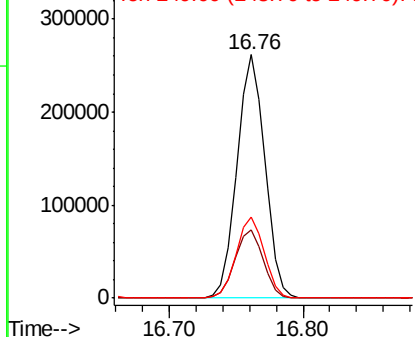


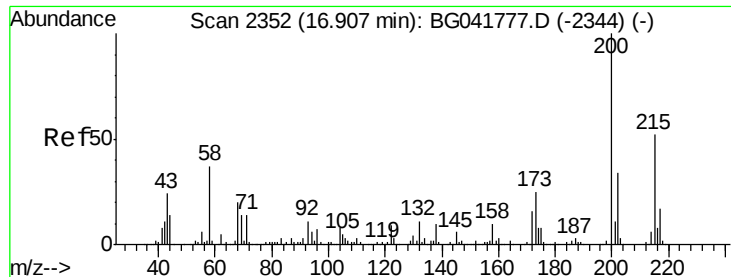
#68
Hexachlorobenzene
Concen: 47.311 ng
RT: 16.76 min Scan# 2327
Delta R.T. 0.00 min
Lab File: BG041821.D
Acq: 31 Jul 2019 3:36

Tgt Ion:284 Resp: 378191
Ion Ratio Lower Upper
284 100
142 28.2 27.0 40.6
249 33.1 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: 45.129 ng

RT: 16.90 min Scan# 2351

Delta R.T. -0.00 min

Lab File: BG041821.D

Acq: 31 Jul 2019 3:36

Instrument :

BNA_G

ClientSampled :

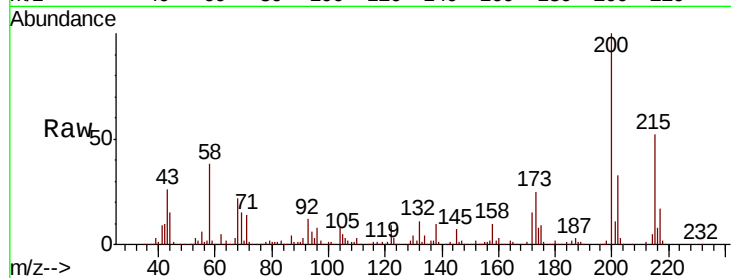
Tot Ion:200 Resp: 299602

Ion Ratio Lower Upper

200 100

173 24.9 5.3 45.3

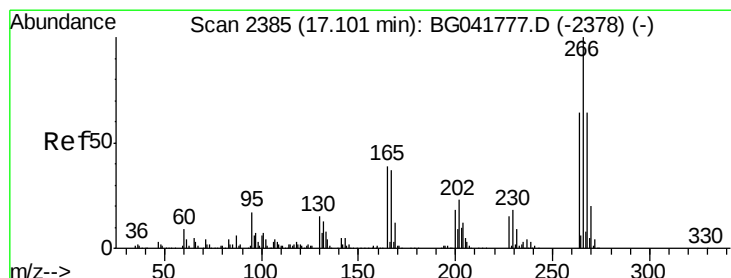
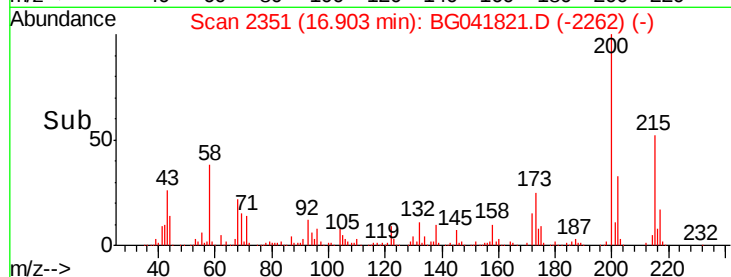
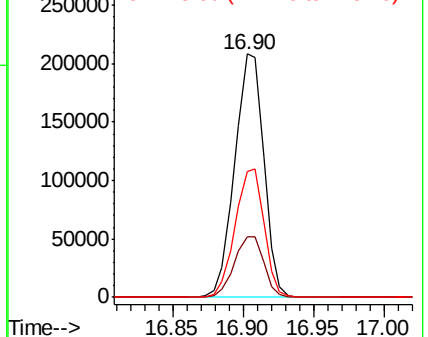
215 51.5 31.8 71.8



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: 96.832 ng

RT: 17.10 min Scan# 2385

Delta R.T. 0.00 min

Lab File: BG041821.D

Acq: 31 Jul 2019 3:36

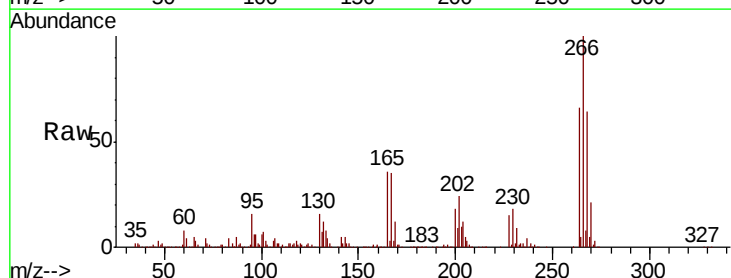
Tgt Ion:266 Resp: 439720

Ion Ratio Lower Upper

266 100

268 64.2 52.9 79.3

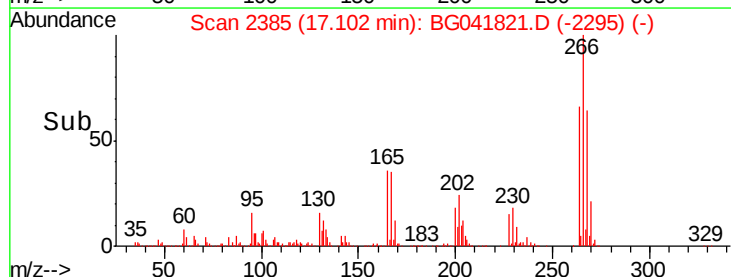
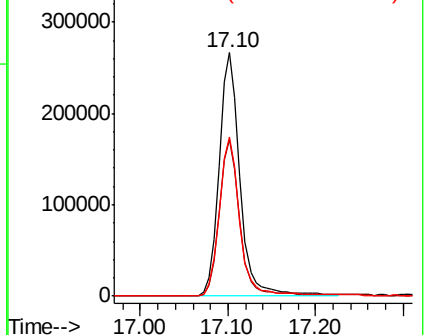
264 65.6 51.4 77.2

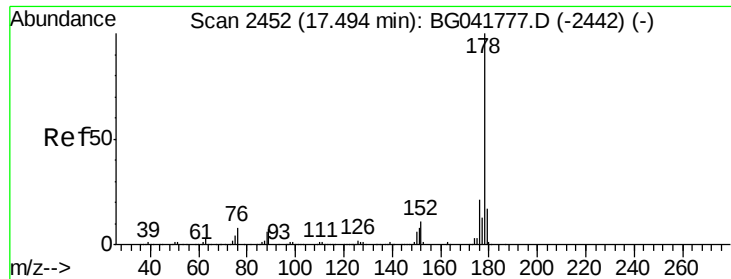


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

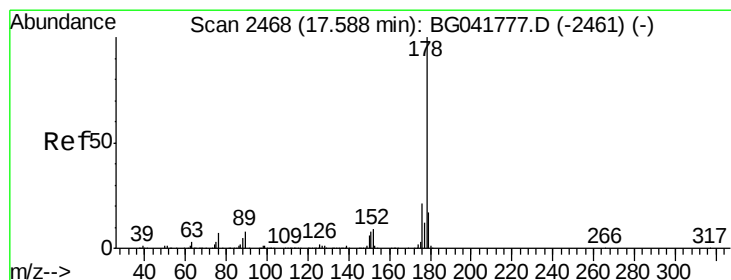
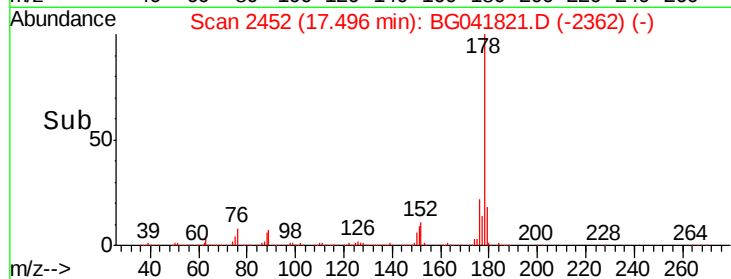
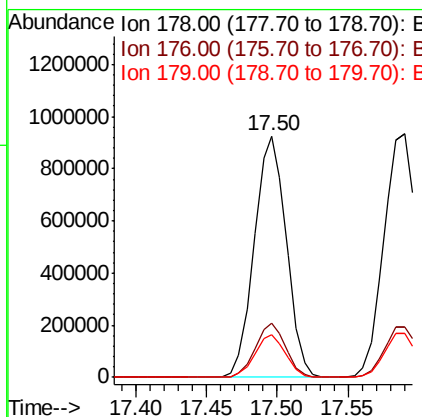
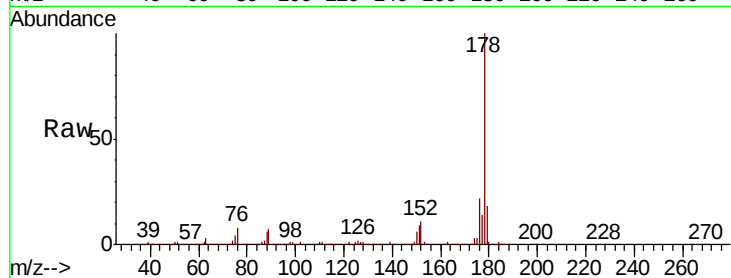




#71
Phenanthrene
Concen: 49.607 ng
RT: 17.50 min Scan# 2452
Delta R.T. 0.00 min
Lab File: BG041821.D
Acq: 31 Jul 2019 3:36

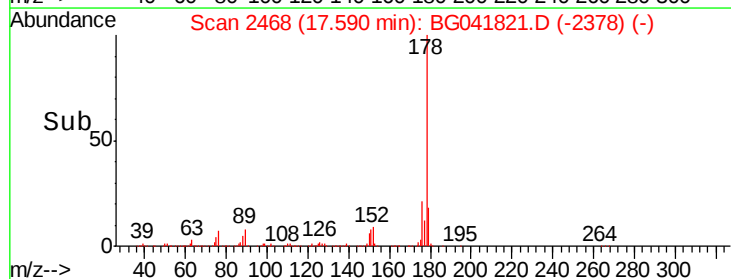
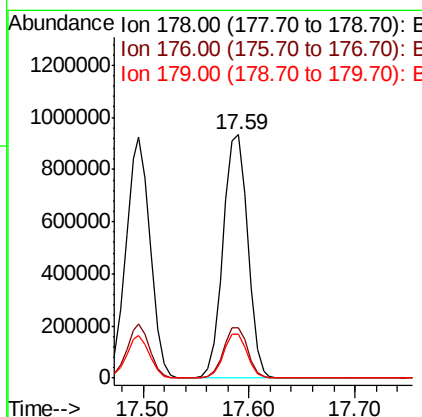
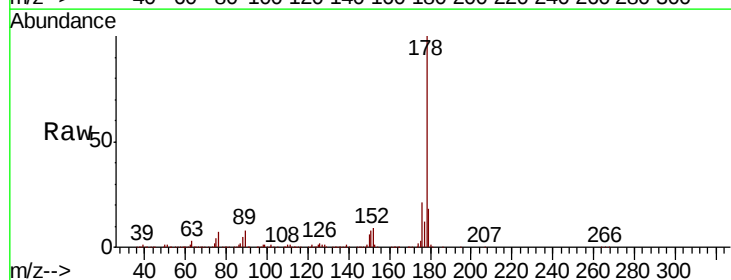
Instrument :
BNA_G
ClientSampleId :

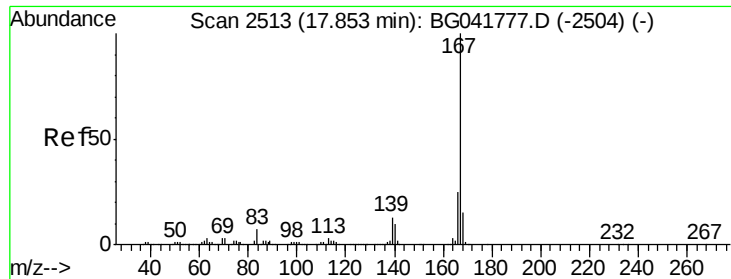
Tot Ion:178 Resp: 1474948
Ion Ratio Lower Upper
178 100
176 22.4 18.6 28.0
179 17.8 15.4 23.0



#72
Anthracene
Concen: 50.906 ng
RT: 17.59 min Scan# 2468
Delta R.T. 0.00 min
Lab File: BG041821.D
Acq: 31 Jul 2019 3:36

Tgt Ion:178 Resp: 1509531
Ion Ratio Lower Upper
178 100
176 20.9 18.6 28.0
179 18.0 15.1 22.7



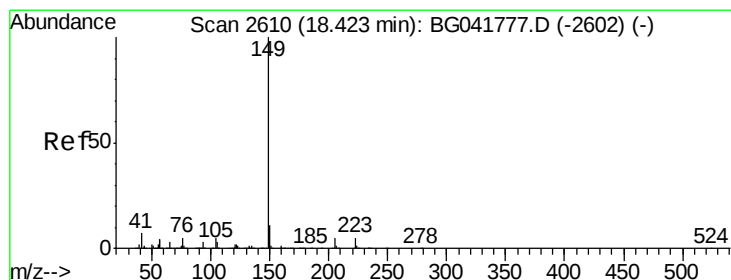
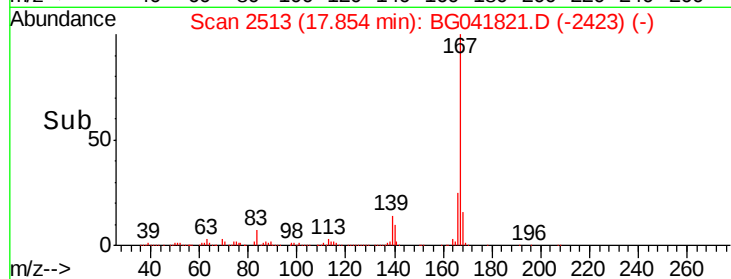
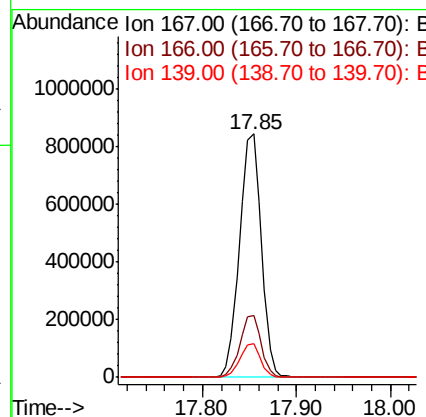
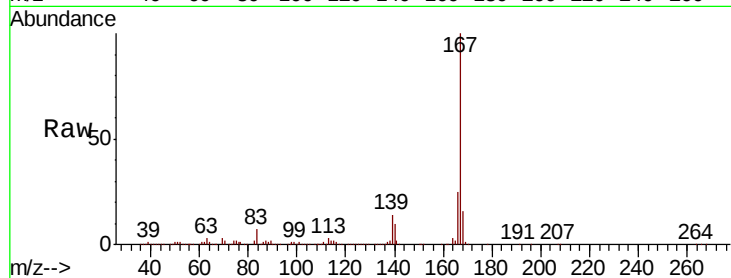


#73
 Carbazole
 Concen: 51.073 ng
 RT: 17.85 min Scan# 2513
 Delta R.T. 0.00 min
 Lab File: BG041821.D
 Acq: 31 Jul 2019 3:36

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:167 Resp: 1359310

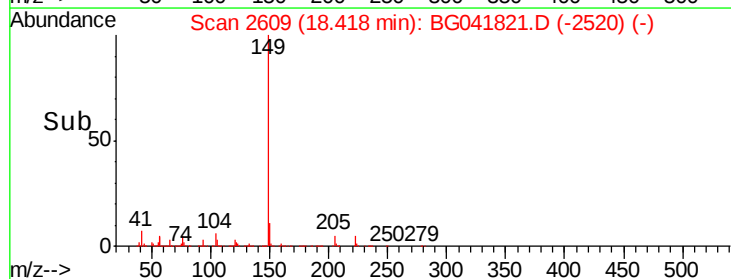
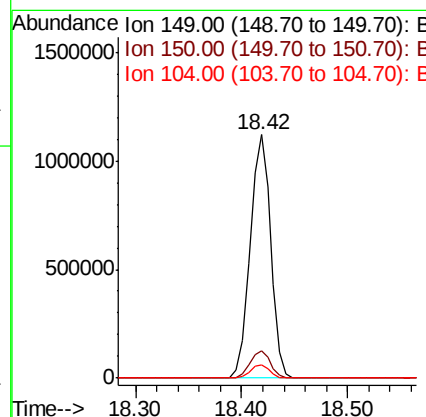
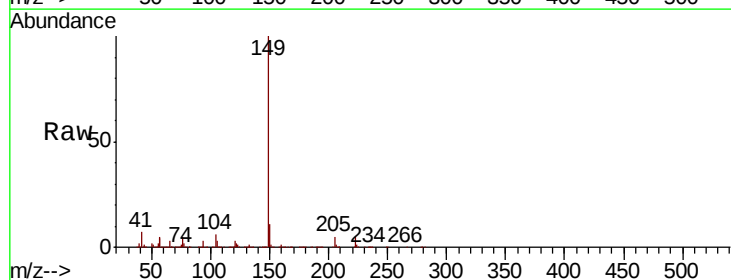
Ion	Ratio	Lower	Upper
167	100		
166	25.2	21.4	32.2
139	13.7	12.1	18.1



#74
 Di-n-butylphthalate
 Concen: 49.975 ng
 RT: 18.42 min Scan# 2609
 Delta R.T. -0.00 min
 Lab File: BG041821.D
 Acq: 31 Jul 2019 3:36

Tgt Ion:149 Resp: 1507915

Ion	Ratio	Lower	Upper
149	100		
150	11.4	10.2	15.2
104	5.6	5.3	7.9





#75

Fluoranthene

Concen: 50.631 ng

RT: 19.51 min Scan# 2794

Delta R.T. 0.00 min

Lab File: BG041821.D

Acq: 31 Jul 2019 3:36

Instrument :

BNA_G

ClientSampleId :

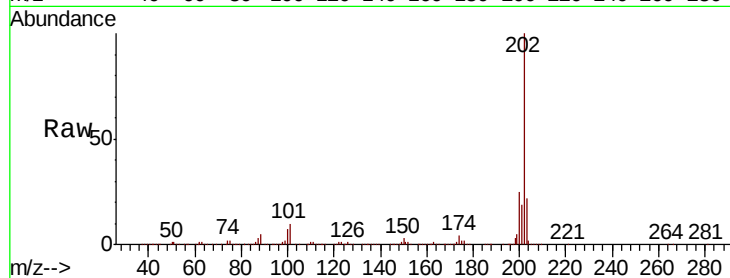
Tot Ion:202 Resp: 1829832

Ion Ratio Lower Upper

202 100

101 9.8 0.0 32.8

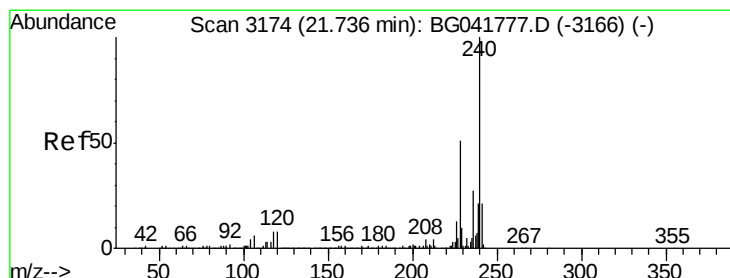
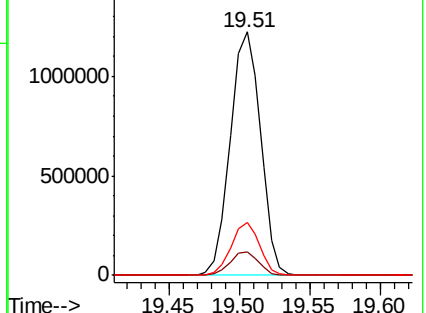
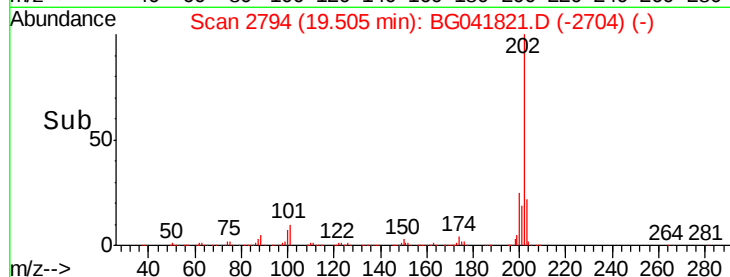
203 21.5 3.7 43.7



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: 21.74 min Scan# 3174

Delta R.T. 0.00 min

Lab File: BG041821.D

Acq: 31 Jul 2019 3:36

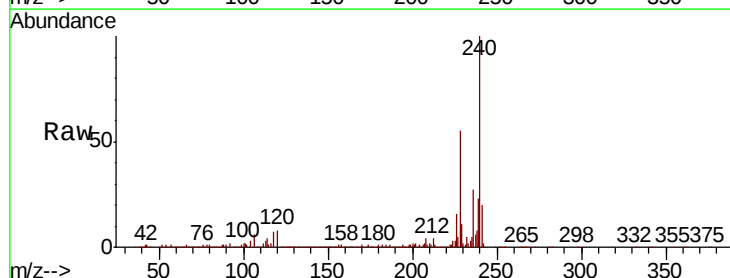
Tgt Ion:240 Resp: 667022

Ion Ratio Lower Upper

240 100

120 7.9 8.0 12.0#

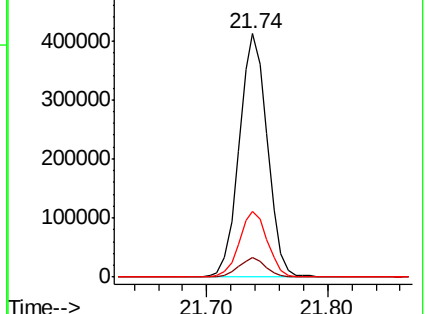
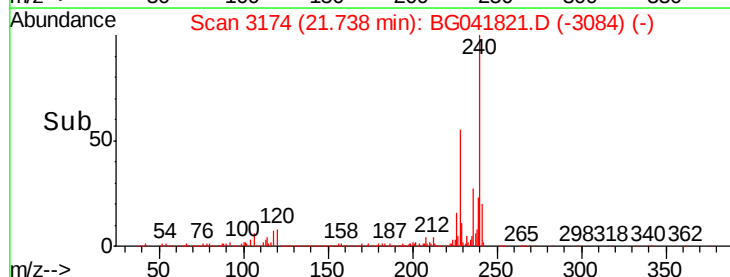
236 27.0 22.6 33.8

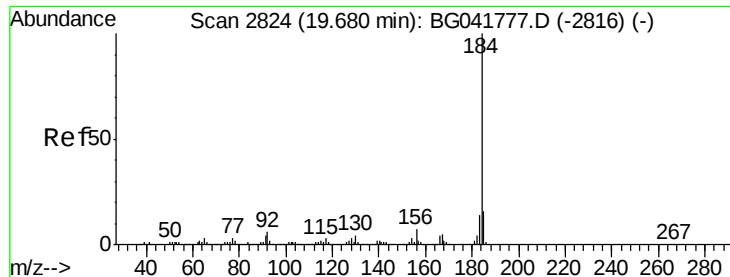


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 6.314 ng

RT: 19.68 min Scan# 2824

Delta R.T. 0.00 min

Lab File: BG041821.D

Acq: 31 Jul 2019 3:36

Instrument :

BNA_G

ClientSampled :

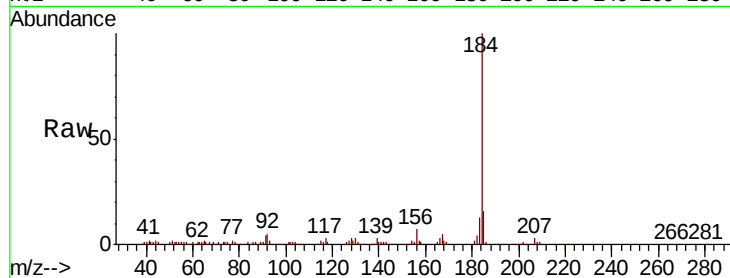
Tot Ion:184 Resp: 137471

Ion Ratio Lower Upper

184 100

185 15.9 13.0 19.4

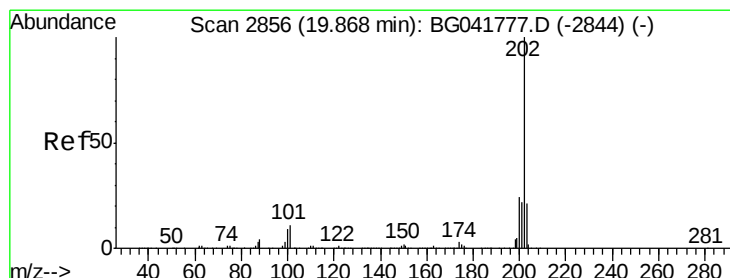
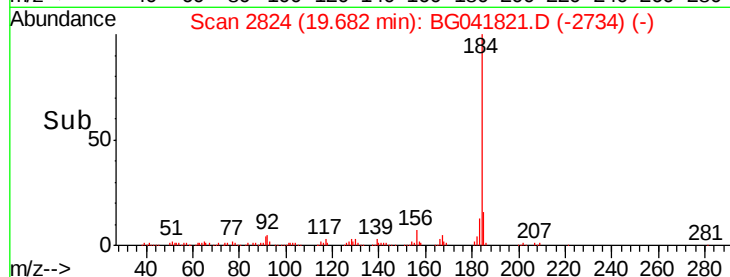
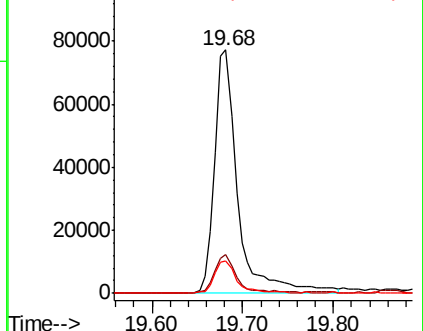
183 13.5 11.8 17.6



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: 46.963 ng

RT: 19.86 min Scan# 2855

Delta R.T. -0.00 min

Lab File: BG041821.D

Acq: 31 Jul 2019 3:36

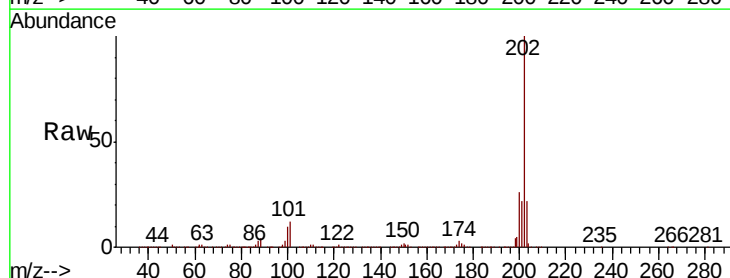
Tgt Ion:202 Resp: 1855969

Ion Ratio Lower Upper

202 100

200 25.6 22.2 33.2

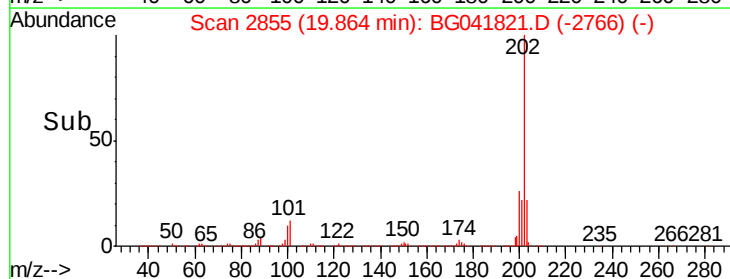
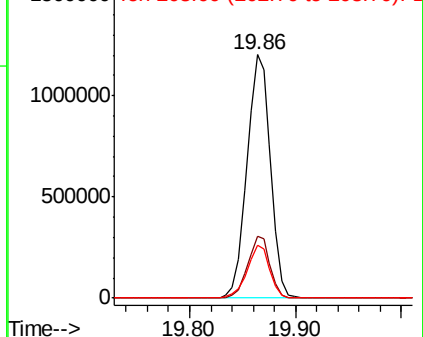
203 21.9 18.9 28.3

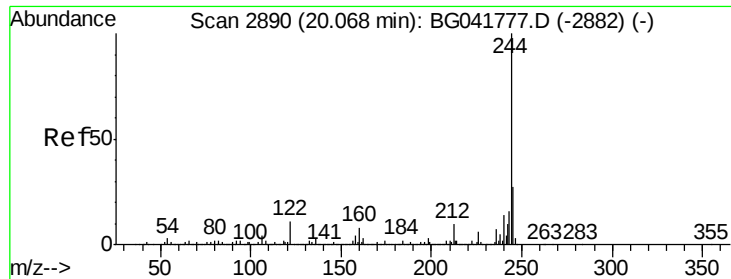


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

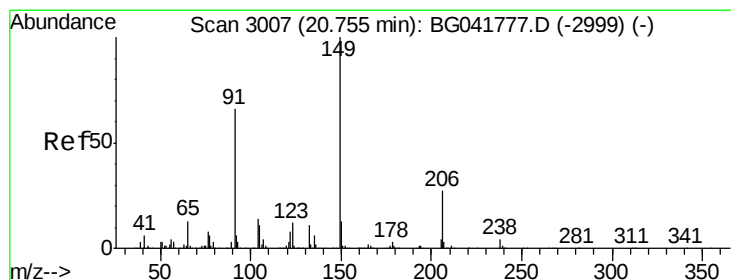
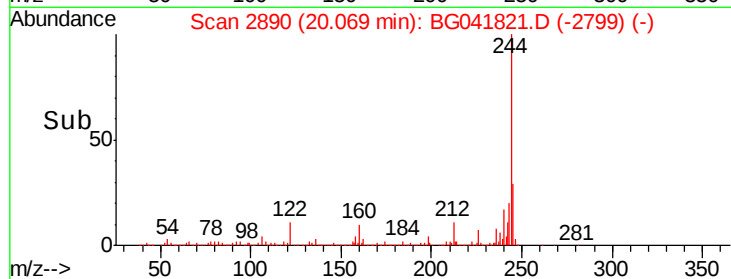
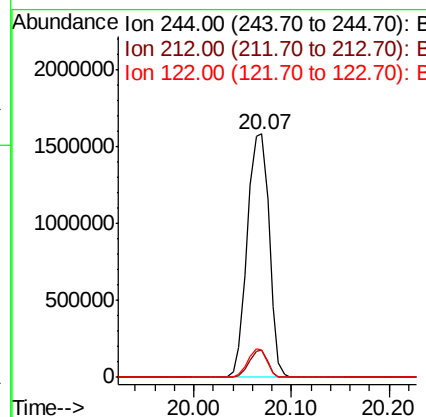
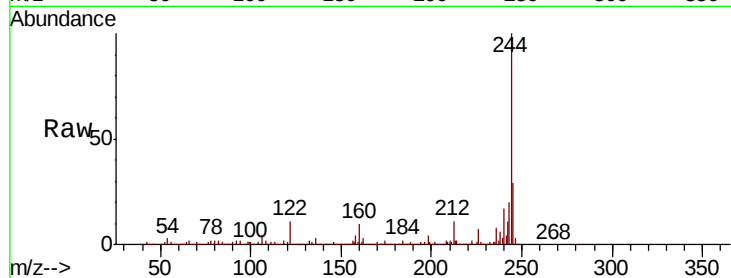




#79
 Terphenyl-d14
 Concen: 85.428 ng
 RT: 20.07 min Scan# 2890
 Delta R.T. 0.00 min
 Lab File: BG041821.D
 Acq: 31 Jul 2019 3:36

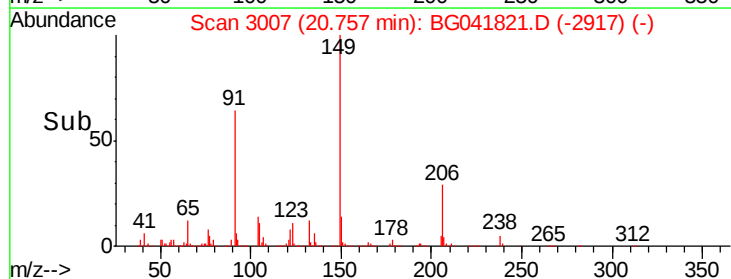
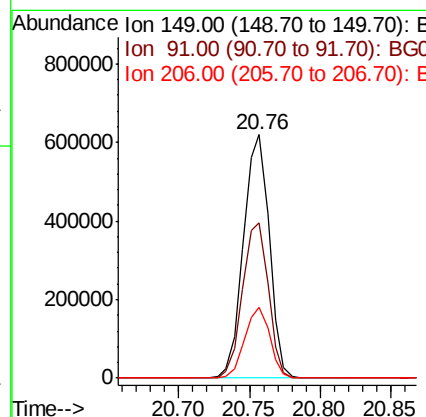
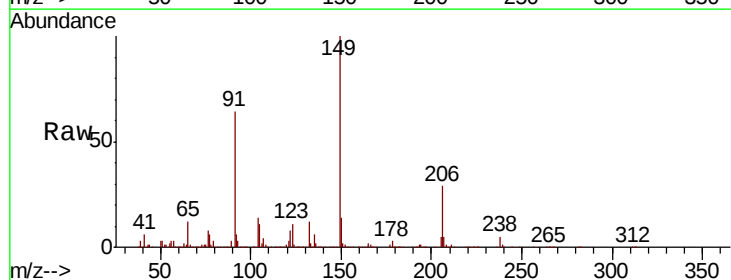
Instrument :
 BNA_G
 ClientSampleId :

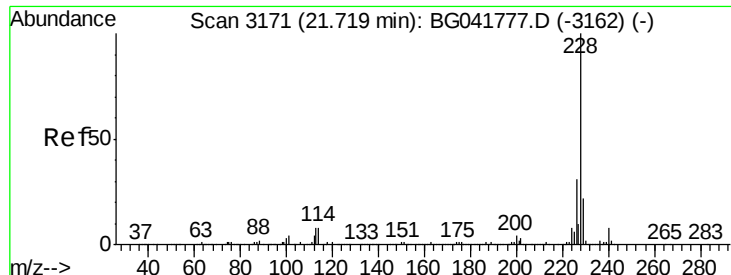
Tot Ion:244 Resp: 2490199
 Ion Ratio Lower Upper
 244 100
 212 11.0 9.7 14.5
 122 11.5 12.5 18.7#



#80
 Butylbenzylphthalate
 Concen: 52.186 ng
 RT: 20.76 min Scan# 3007
 Delta R.T. 0.00 min
 Lab File: BG041821.D
 Acq: 31 Jul 2019 3:36

Tgt Ion:149 Resp: 790721
 Ion Ratio Lower Upper
 149 100
 91 63.7 58.9 88.3
 206 29.2 20.8 31.2





#81

Benzo(a)anthracene

Concen: 48.550 ng

RT: 21.72 min Scan# 3171

Delta R.T. 0.00 min

Lab File: BG041821.D

Acq: 31 Jul 2019 3:36

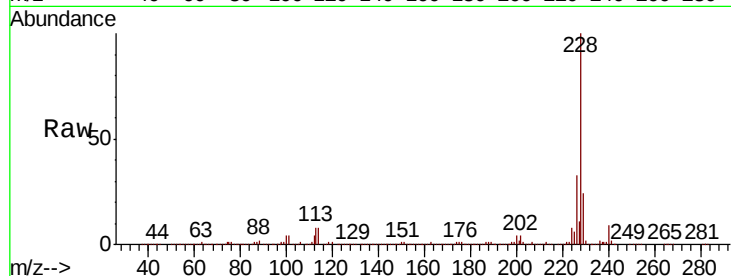
Instrument :

BNA_G

ClientSampled :

Tot Ion:228 Resp: 1915995

Ion	Ratio	Lower	Upper
228	100		
226	32.9	27.3	40.9
229	24.3	19.7	29.5

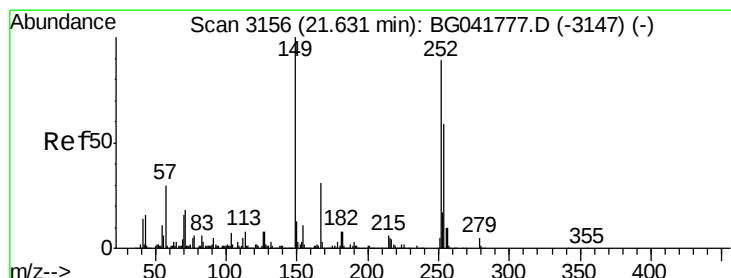
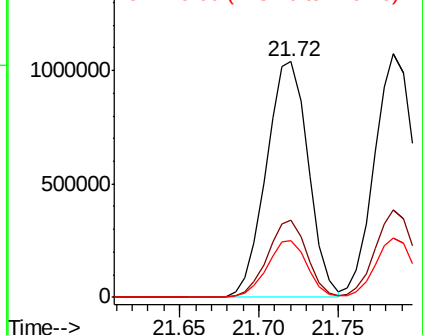
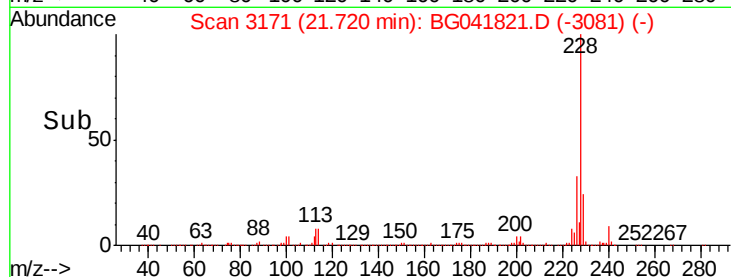


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 24.544 ng

RT: 21.63 min Scan# 3155

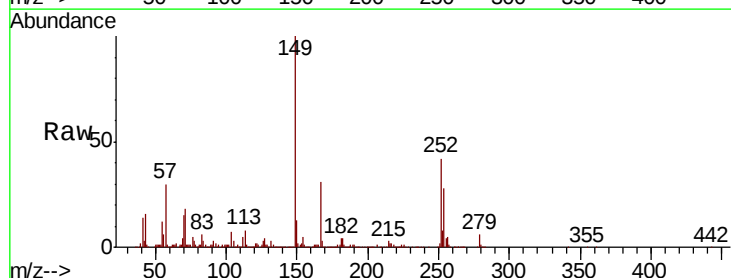
Delta R.T. -0.00 min

Lab File: BG041821.D

Acq: 31 Jul 2019 3:36

Tgt Ion:252 Resp: 388890

Ion	Ratio	Lower	Upper
252	100		
254	66.1	53.8	80.6
126	8.3	7.8	11.8

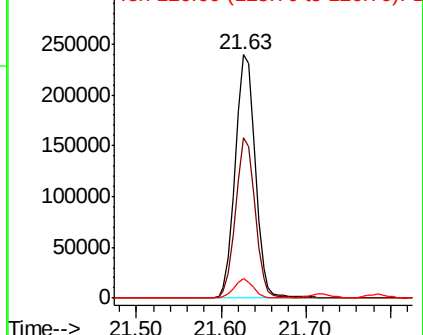
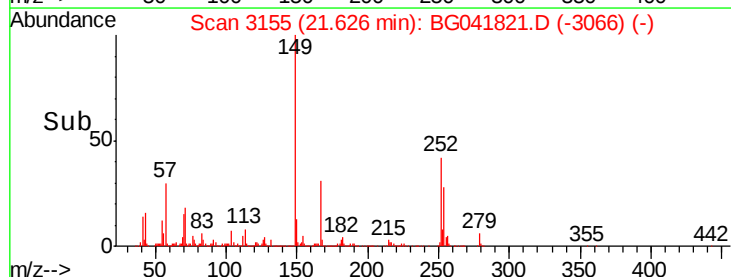


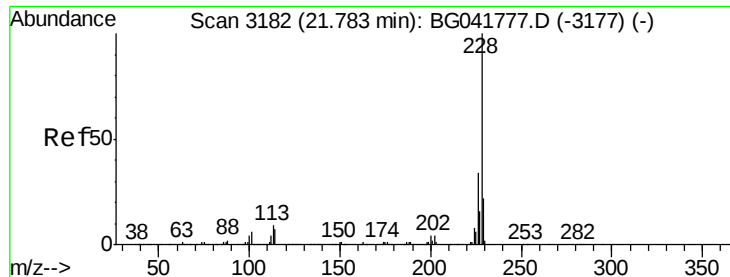
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 49.213 ng

RT: 21.79 min Scan# 3182

Delta R.T. 0.00 min

Lab File: BG041821.D

Acq: 31 Jul 2019 3:36

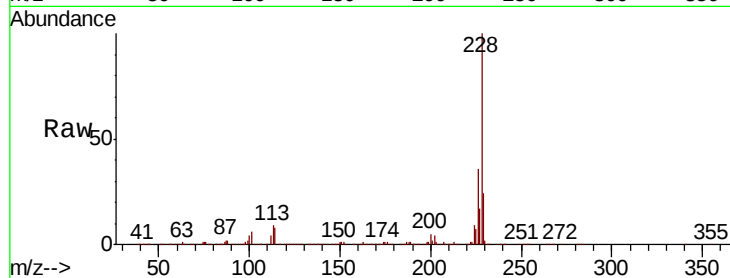
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1861663

Ion	Ratio	Lower	Upper
228	100		
226	36.1	30.1	45.1
229	24.2	19.8	29.6

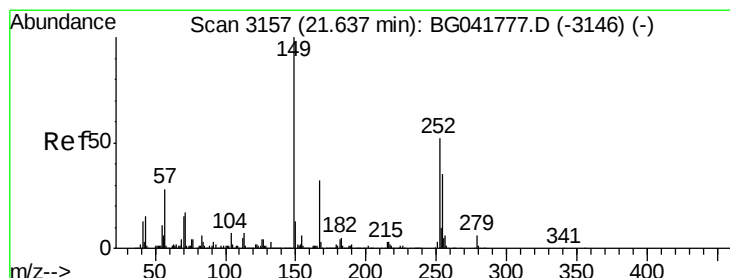
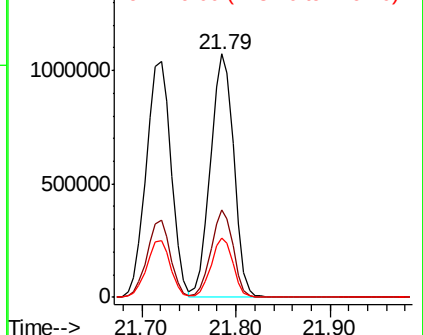
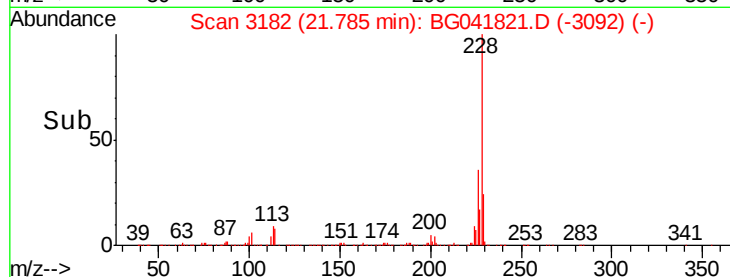


Abundance

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.567 ng

RT: 21.63 min Scan# 3156

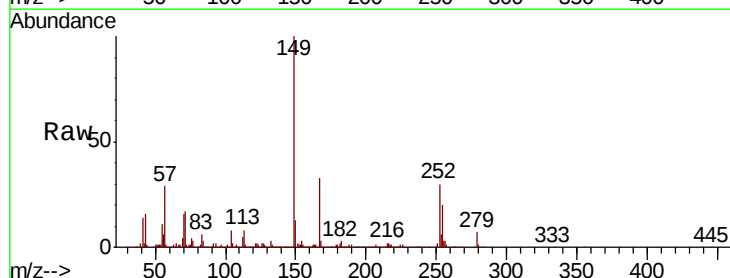
Delta R.T. -0.00 min

Lab File: BG041821.D

Acq: 31 Jul 2019 3:36

Tgt Ion:149 Resp: 1098701

Ion	Ratio	Lower	Upper
149	100		
167	33.2	27.0	40.4
279	7.1	5.0	7.6

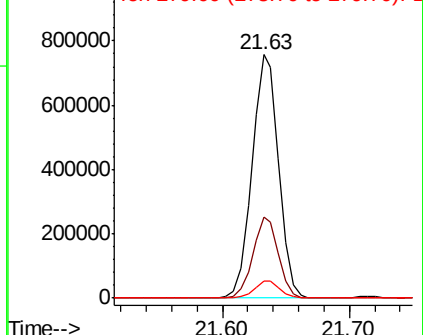
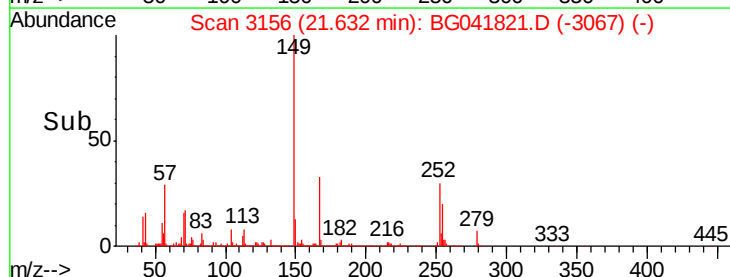


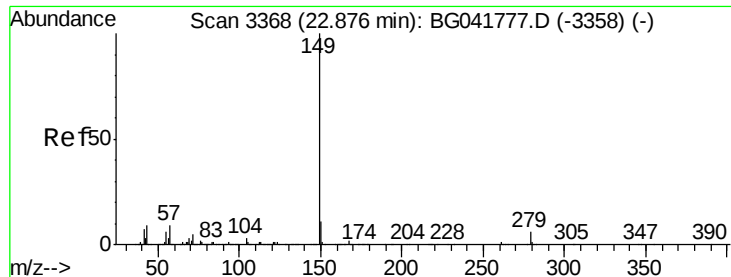
Abundance

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





#85

Di-n-octyl phthalate

Concen: 53.201 ng

RT: 22.87 min Scan# 3367

Delta R.T. -0.00 min

Lab File: BG041821.D

Acq: 31 Jul 2019 3:36

Instrument :

BNA_G

ClientSampled :

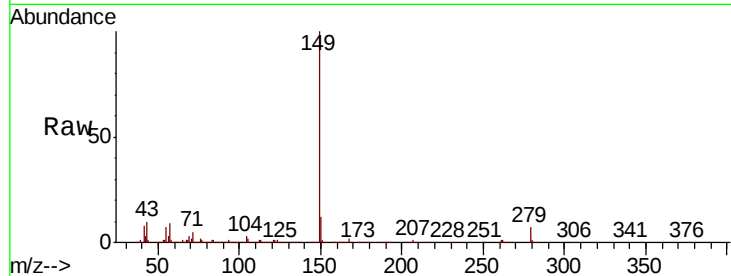
Tot Ion:149 Resp: 1871355

Ion Ratio Lower Upper

149 100

167 2.0 1.6 2.4

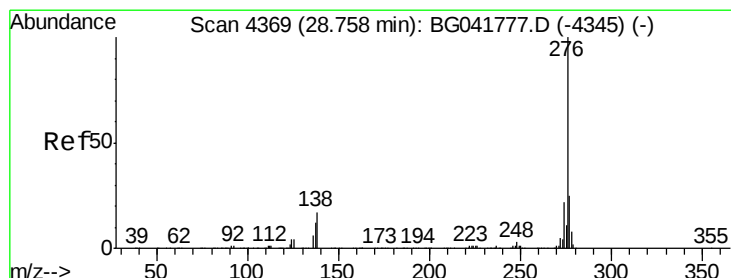
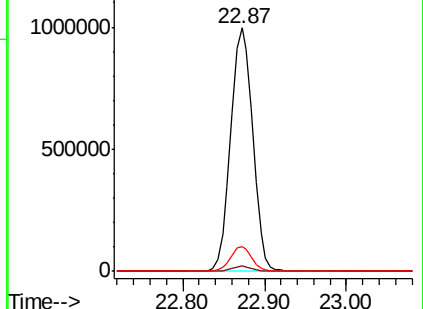
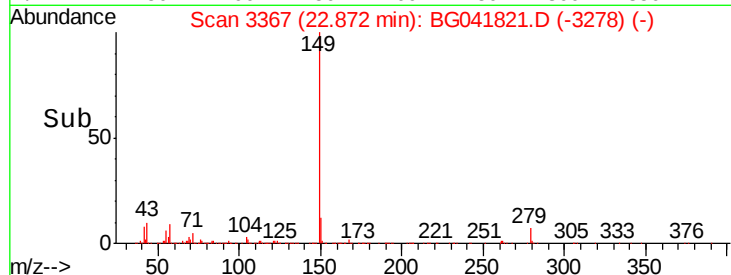
43 9.6 10.6 16.0#



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: 51.585 ng

RT: 28.77 min Scan# 4370

Delta R.T. 0.01 min

Lab File: BG041821.D

Acq: 31 Jul 2019 3:36

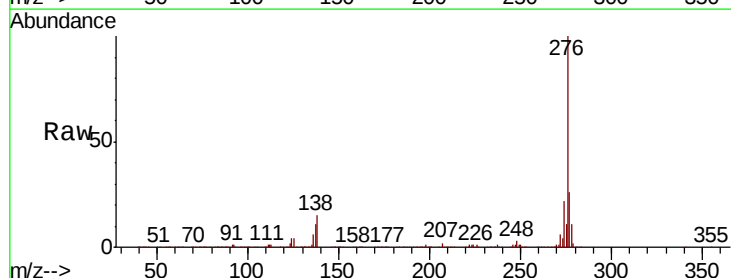
Tgt Ion:276 Resp: 2583212

Ion Ratio Lower Upper

276 100

138 12.3 19.4 29.0#

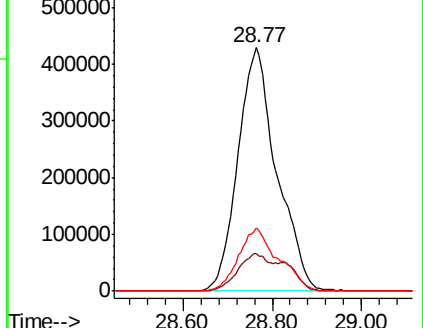
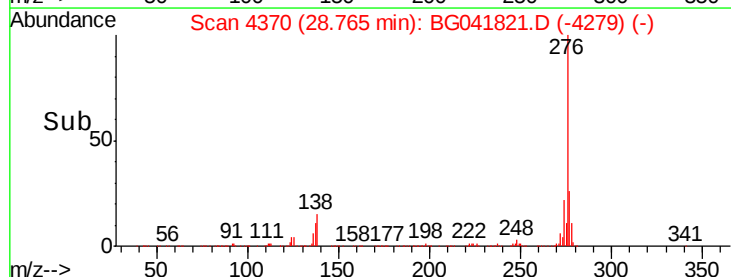
277 26.6 21.2 31.8

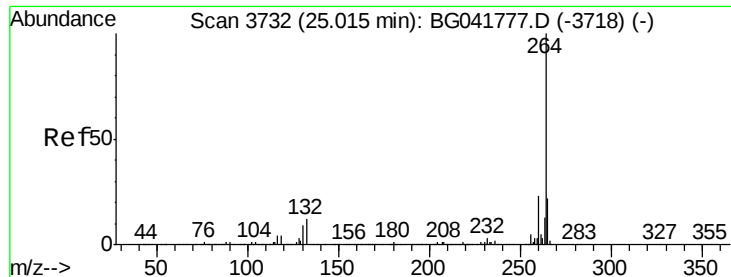


Abundance Ion 276.00 (275.70 to 276.70): E

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: 25.01 min Scan# 3731

Delta R.T. -0.00 min

Lab File: BG041821.D

Acq: 31 Jul 2019 3:36

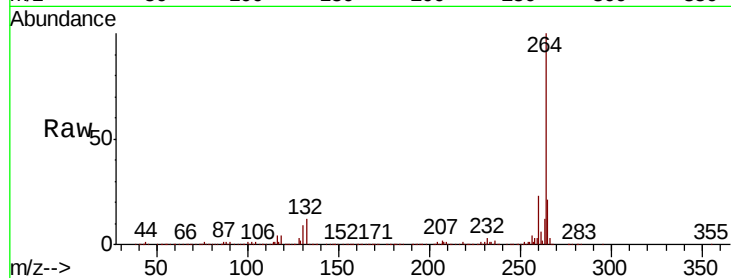
Instrument :

BNA_G

ClientSampleId :

Tot Ion:264 Resp: 791448

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.5	29.3
265	21.3	18.0	27.0

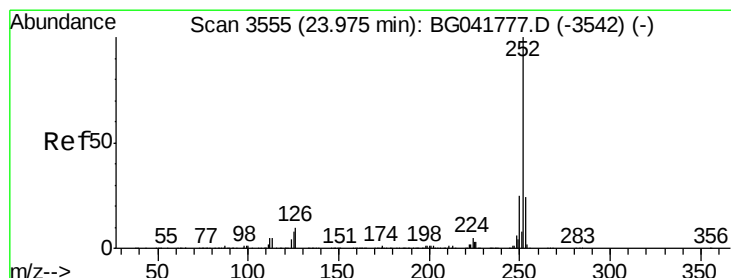
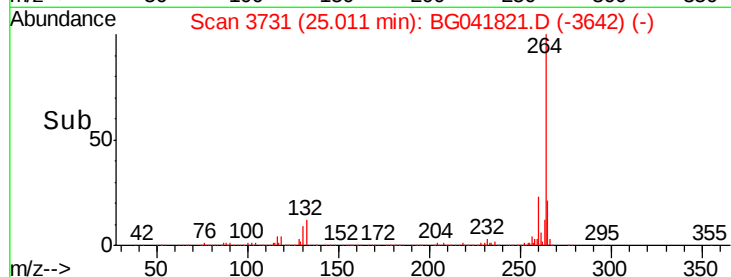
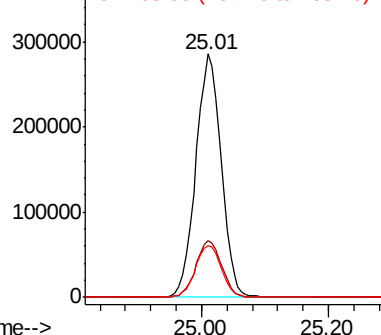


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 46.996 ng

RT: 24.05 min Scan# 3567

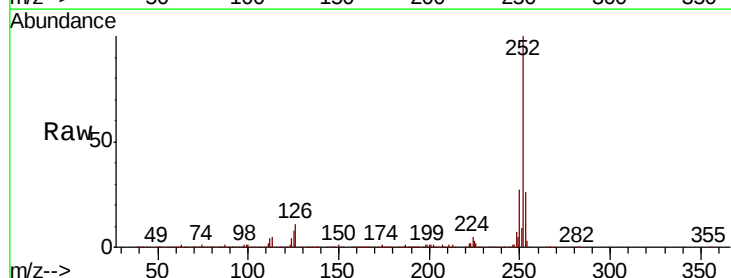
Delta R.T. 0.07 min

Lab File: BG041821.D

Acq: 31 Jul 2019 3:36

Tgt Ion:252 Resp: 2034712

Ion	Ratio	Lower	Upper
252	100		
253	25.8	20.6	30.8
125	8.1	8.0	12.0

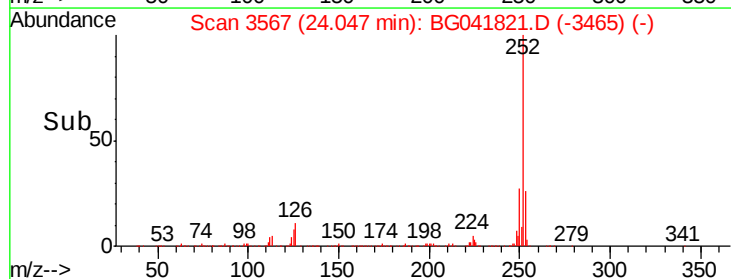
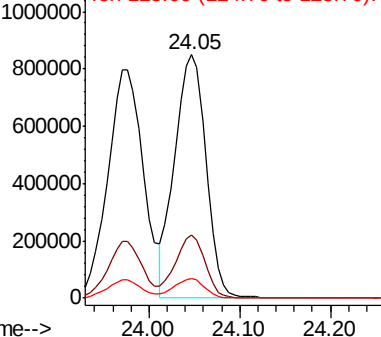


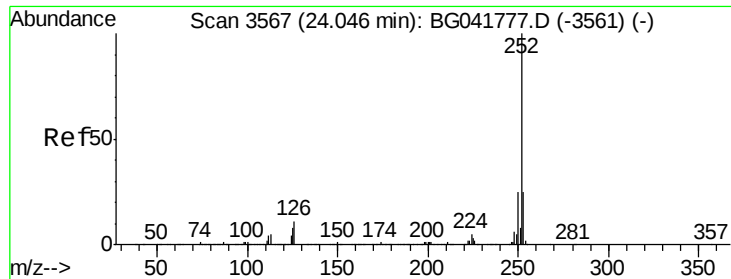
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

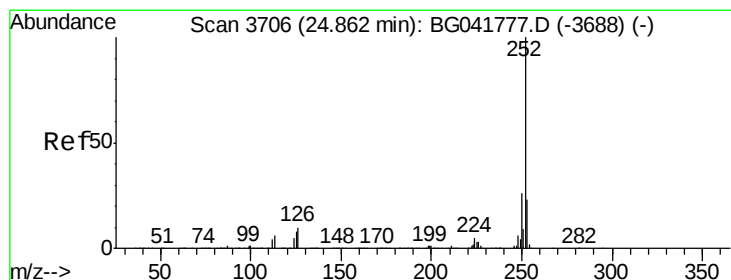
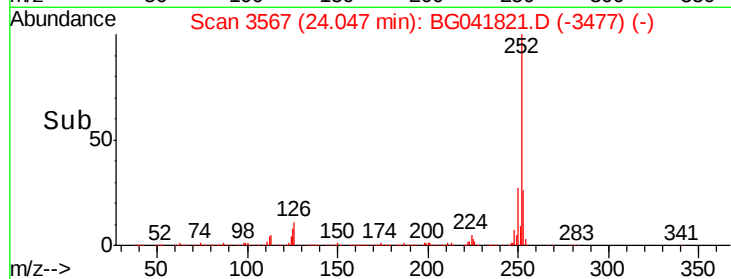
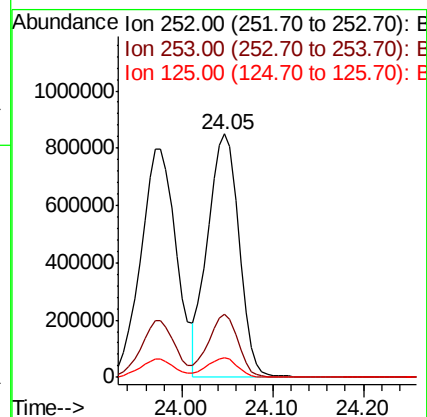
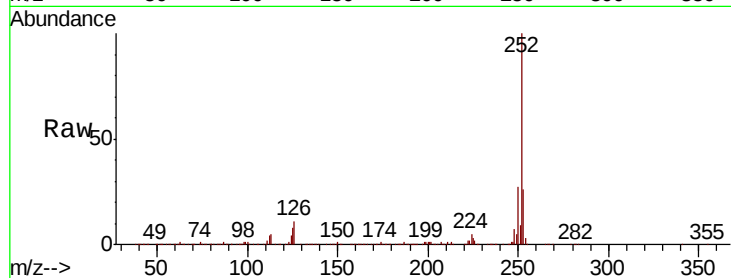




#89
Benzo(k)fluoranthene
Concen: 48.245 ng
RT: 24.05 min Scan# 3567
Delta R.T. 0.00 min
Lab File: BG041821.D
Acq: 31 Jul 2019 3:36

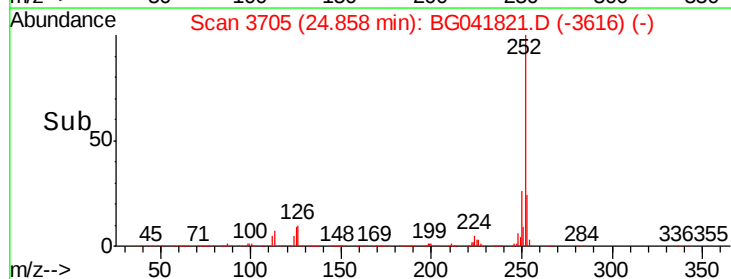
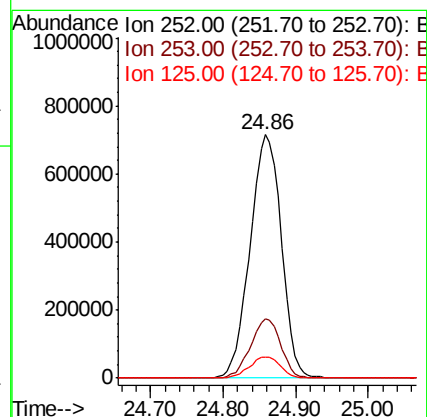
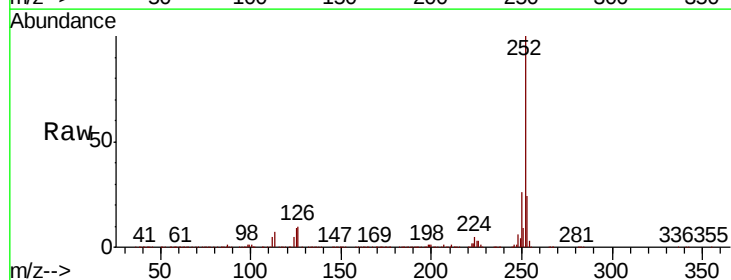
Instrument :
BNA_G
ClientSampleId :

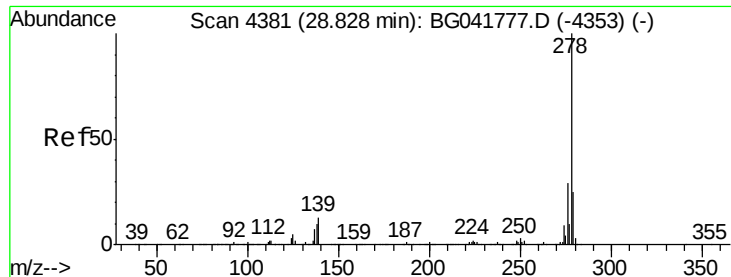
Tot Ion:252 Resp: 2034712
Ion Ratio Lower Upper
252 100
253 25.8 20.5 30.7
125 8.1 8.4 12.6#



#90
Benzo(a)pyrene
Concen: 51.587 ng
RT: 24.86 min Scan# 3705
Delta R.T. -0.00 min
Lab File: BG041821.D
Acq: 31 Jul 2019 3:36

Tgt Ion:252 Resp: 2142080
Ion Ratio Lower Upper
252 100
253 24.2 19.8 29.8
125 8.8 8.8 13.2#

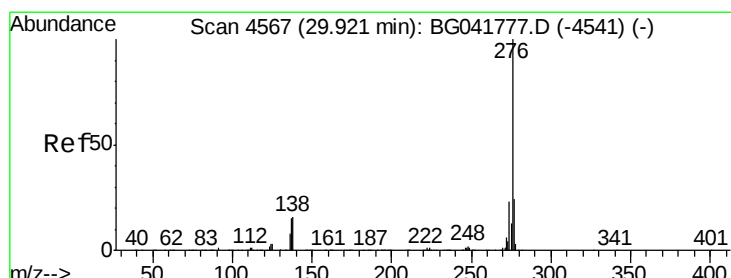
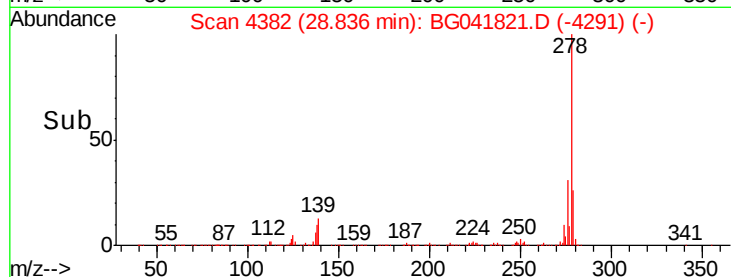
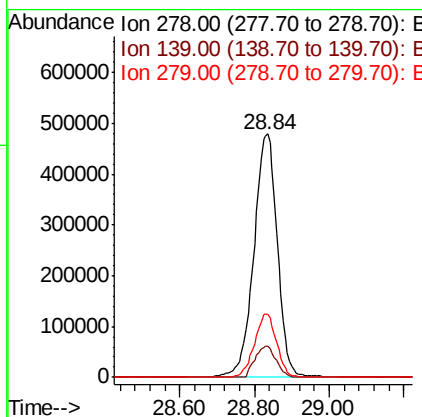
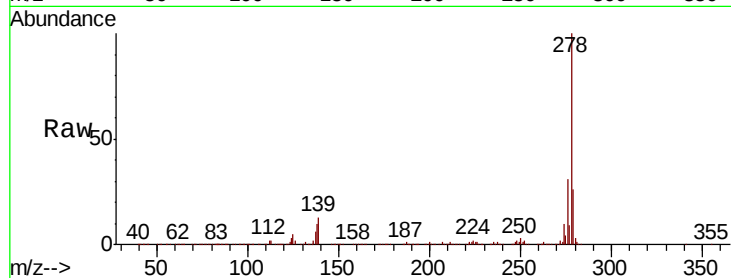




#91
Dibenzo(a,h)anthracene
Concen: 51.301 ng
RT: 28.84 min Scan# 4382
Delta R.T. 0.01 min
Lab File: BG041821.D
Acq: 31 Jul 2019 3:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 2091679
Ion Ratio Lower Upper
278 100
139 12.6 12.6 19.0#
279 25.7 20.5 30.7



#92
Benzo(g,h,i)perylene
Concen: 52.471 ng
RT: 29.93 min Scan# 4568
Delta R.T. 0.01 min
Lab File: BG041821.D
Acq: 31 Jul 2019 3:36

Tgt Ion:276 Resp: 2137411
Ion Ratio Lower Upper
276 100
277 25.0 19.8 29.8
138 16.7 16.6 25.0

