

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080219\
 Data File : BG041881.D
 Acq On : 2 Aug 2019 10:11
 Operator : HP/JU
 Sample : PB121888BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 02 17:54:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 08:57:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	82388	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	330986	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	236025	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	540843	20.00	ng	0.00
76) Chrysene-d12	21.74	240	567518	20.00	ng	0.00
87) Perylene-d12	25.00	264	613881	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	541533	127.88	ng	0.00
7) Phenol-d6	7.20	99	691784	121.18	ng	0.00
23) Nitrobenzene-d5	9.20	82	417045	86.71	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	368037	137.28	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1122300	83.87	ng	0.00
79) Terphenyl-d14	20.06	244	1935044	78.02	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.46	88	78280	39.276	ng	92
3) Pyridine	3.86	79	185293	33.902	ng	90
4) n-Nitrosodimethylamine	3.78	42	93760	43.274	ng	# 98
6) Aniline	7.35	93	249589	31.049	ng	95
8) 2-Chlorophenol	7.61	128	230291	47.493	ng	92
9) Benzaldehyde	7.17	77	116245	28.938	ng	91
10) Phenol	7.22	94	270836	45.602	ng	98
11) bis(2-Chloroethyl)ether	7.45	93	196710	40.288	ng	95
12) 1,3-Dichlorobenzene	7.93	146	263007	41.559	ng	99
13) 1,4-Dichlorobenzene	8.08	146	268265	42.364	ng	97
14) 1,2-Dichlorobenzene	8.40	146	251531	41.627	ng	96
15) Benzyl Alcohol	8.28	79	194326	43.267	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.57	45	331152	38.122	ng	96
17) 2-Methylphenol	8.48	107	189866	43.957	ng	97
18) Hexachloroethane	9.14	117	93165	42.962	ng	88
19) n-Nitroso-di-n-propylamine	8.85	70	160632	38.756	ng	91
20) 3+4-Methylphenols	8.81	107	260307	44.040	ng	99
22) Acetophenone	8.86	105	315089	42.560	ng	# 94
24) Nitrobenzene	9.25	77	234208	46.222	ng	96
25) Isophorone	9.77	82	430736	41.168	ng	100
26) 2-Nitrophenol	9.97	139	131692	55.999	ng	95
27) 2,4-Dimethylphenol	10.03	122	217833	52.483	ng	99
28) bis(2-Chloroethoxy)methane	10.26	93	268328	41.039	ng	99
29) 2,4-Dichlorophenol	10.51	162	249345	49.332	ng	96
30) 1,2,4-Trichlorobenzene	10.73	180	280096	43.700	ng	95
31) Naphthalene	10.91	128	673729	44.476	ng	97
32) Benzoic acid	10.16	122	130194	44.653	ng	95
33) 4-Chloroaniline	11.01	127	171956	23.937	ng	97
34) Hexachlorobutadiene	11.21	225	184072	42.551	ng	99
35) Caprolactam	11.78	113	32216	18.340	ng	# 80
36) 4-Chloro-3-methylphenol	12.14	107	235988	47.093	ng	97
37) 2-Methylnaphthalene	12.52	142	525223	43.804	ng	100
38) 1-Methylnaphthalene	12.74	142	496649	43.708	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	337114	45.122	ng	98

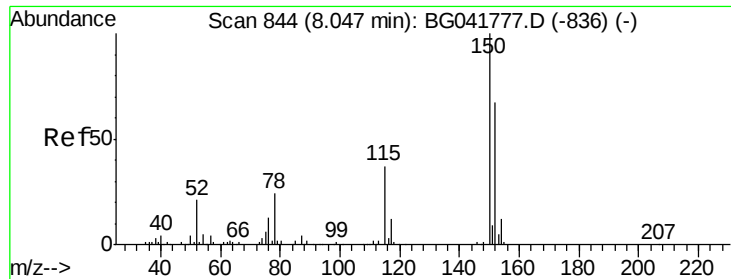
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080219\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 08:57:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	380373	90.554	nq	99
43) 2,4,6-Trichlorophenol	13.13	196	226759	48.021	nq	98
44) 2,4,5-Trichlorophenol	13.20	196	245097	49.947	nq	96
46) 1,1'-Biphenyl	13.53	154	671770	44.276	nq	97
47) 2-Chloronaphthalene	13.58	162	554607	42.934	nq	97
48) 2-Nitroaniline	13.76	65	151613	46.277	nq	89
49) Acenaphthylene	14.42	152	860280	44.522	nq	97
50) Dimethylphthalate	14.15	163	702777	43.598	nq	99
51) 2,6-Dinitrotoluene	14.26	165	171535	50.891	nq #	85
52) Acenaphthene	14.76	154	612542	48.741	nq	98
53) 3-Nitroaniline	14.59	138	116430	32.288	nq #	89
54) 2,4-Dinitrophenol	14.80	184	202507	93.259	nq	87
55) Dibenzofuran	15.10	168	853169	44.384	nq	97
56) 4-Nitrophenol	14.90	139	308808	112.820	nq	95
57) 2,4-Dinitrotoluene	15.05	165	235842	50.879	nq	91
58) Fluorene	15.75	166	693304	44.943	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.32	232	241459	49.682	nq	92
60) Diethylphthalate	15.51	149	695258	43.933	nq	99
61) 4-Chlorophenyl-phenylether	15.74	204	409318	43.463	nq	97
62) 4-Nitroaniline	15.76	138	176377	45.158	nq	97
63) Azobenzene	16.03	77	555291	42.954	nq	95
65) 4,6-Dinitro-2-methylphenol	15.82	198	146427	54.272	nq	84
66) n-Nitrosodiphenylamine	15.95	169	651205	44.203	nq	97
67) 4-Bromophenyl-phenylether	16.64	248	283886	42.612	nq	96
68) Hexachlorobenzene	16.76	284	289478	41.533	nq #	91
69) Atrazine	16.90	200	254339	43.940	nq	97
70) Pentachlorophenol	17.10	266	410600	103.703	nq	98
71) Phenanthrene	17.49	178	1158091	44.672	nq	95
72) Anthracene	17.58	178	1183596	45.778	nq	95
73) Carbazole	17.85	167	1069106	46.070	nq	96
74) Di-n-butylphthalate	18.42	149	1219742	46.363	nq #	96
75) Fluoranthene	19.50	202	1491746	47.340	nq	92
77) Benzidine	19.67	184	701859	37.889	nq	98
78) Pyrene	19.86	202	1484068	44.136	nq	93
80) Butylbenzylphthalate	20.75	149	584072	45.306	nq	90
81) Benzo(a)anthracene	21.71	228	1481286	44.116	nq	96
82) 3,3'-Dichlorobenzidine	21.63	252	465609	34.538	nq #	98
83) Chrysene	21.78	228	1444863	44.891	nq	96
84) Bis(2-ethylhexyl)phthalate	21.63	149	821231	46.181	nq	96
85) Di-n-octyl phthalate	22.87	149	1407687	47.036	nq #	91
86) Indeno(1,2,3-cd)pyrene	28.75	276	1897089	44.525	nq #	89
88) Benzo(b)fluoranthene	23.97	252	1662854	49.516	nq #	95
89) Benzo(k)fluoranthene	24.03	252	1565704	47.863	nq #	96
90) Benzo(a)pyrene	24.85	252	1621442	50.343	nq #	95
91) Dibenzo(a,h)anthracene	28.82	278	1557676	49.255	nq #	96
92) Benzo(g,h,i)perylene	29.92	276	1566061	49.565	nq #	95

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

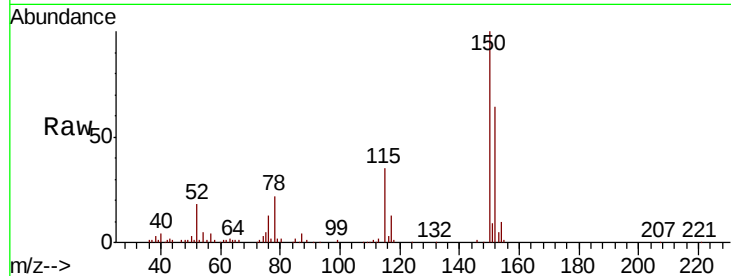


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG041881.D
Acq: 2 Aug 2019 10:11

Instrument :
BNA_G
ClientSampled :

Tot Ion	152	Resp	82388
Ion Ratio	Lower	Upper	
152	100		
150	156.1	126.9	190.3
115	54.3	45.0	67.6

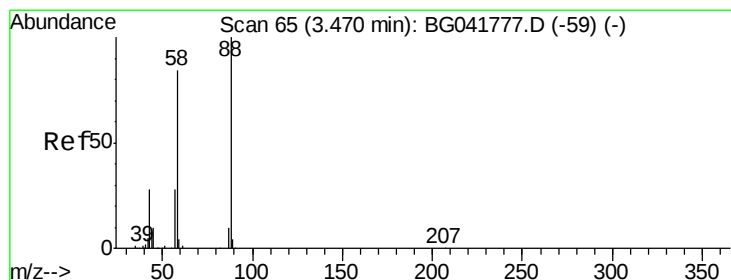
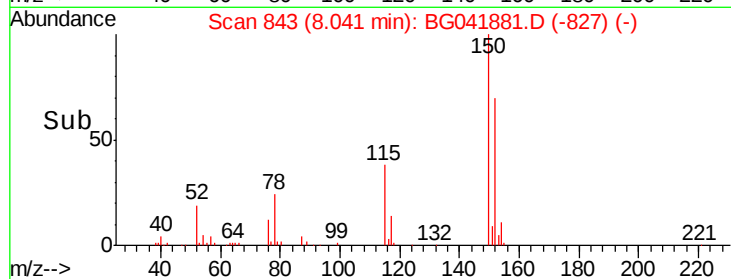
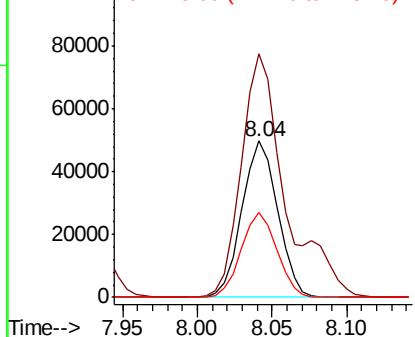


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

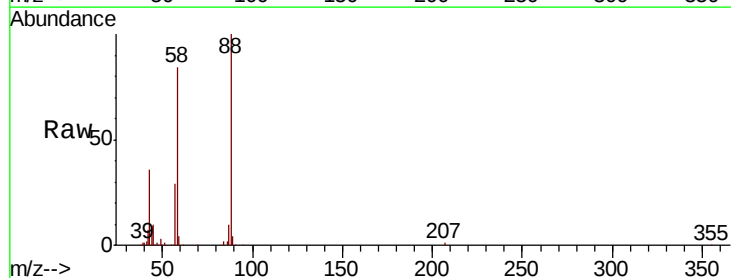
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 39.276 ng
RT: 3.46 min Scan# 64
Delta R.T. -0.01 min
Lab File: BG041881.D
Acq: 2 Aug 2019 10:11

Tgt Ion	88	Resp	78280
Ion Ratio	Lower	Upper	
88	100		
58	85.5	76.2	114.2
43	34.8	27.2	40.8

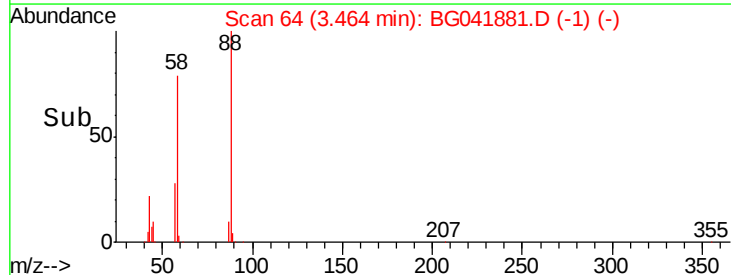
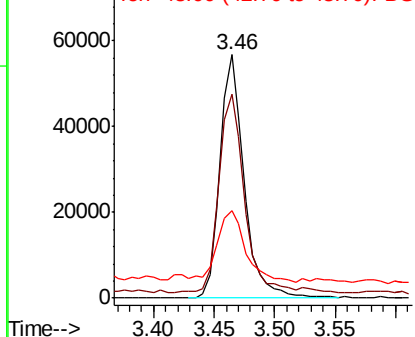


Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 33.902 ng

RT: 3.86 min Scan# 132

Delta R.T. -0.01 min

Lab File: BG041881.D

Acq: 2 Aug 2019 10:11

Instrument :

BNA_G

ClientSampled :

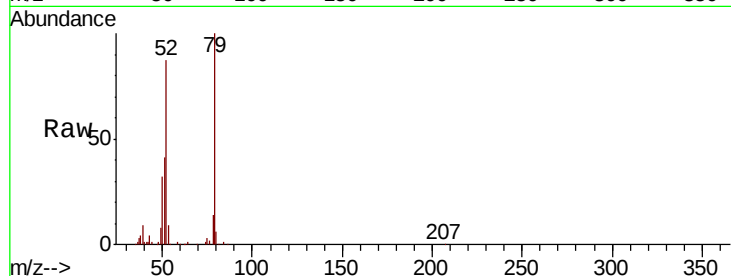
Tot Ion: 79 Resp: 185293

Ion Ratio Lower Upper

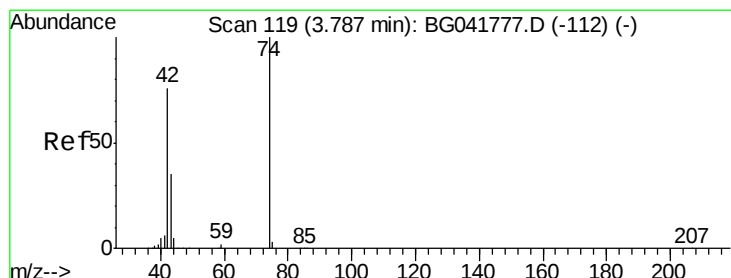
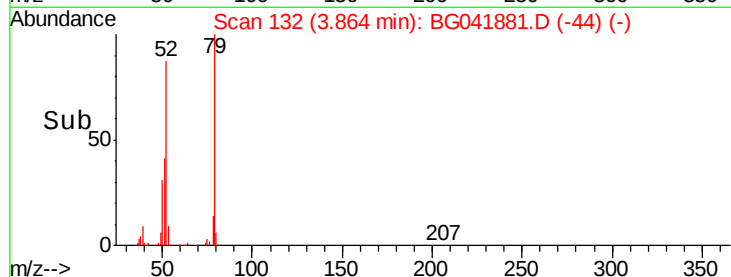
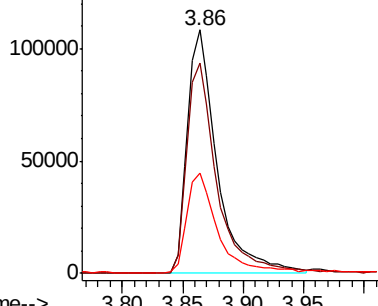
79 100

52 86.6 77.1 115.7

51 41.4 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: 43.274 ng

RT: 3.78 min Scan# 117

Delta R.T. -0.01 min

Lab File: BG041881.D

Acq: 2 Aug 2019 10:11

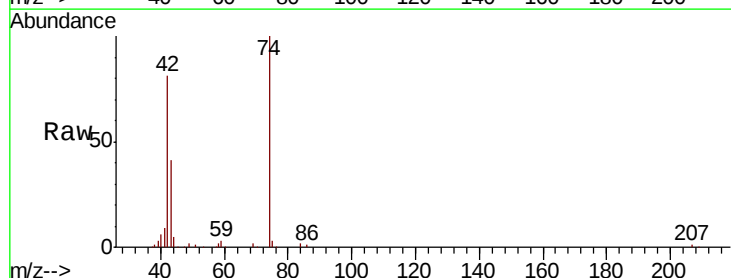
Tgt Ion: 42 Resp: 93760

Ion Ratio Lower Upper

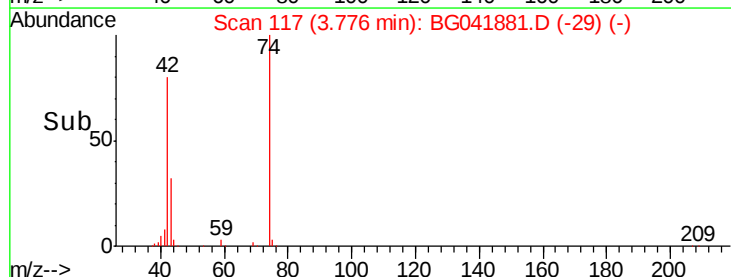
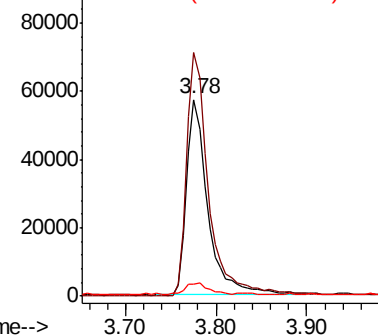
42 100

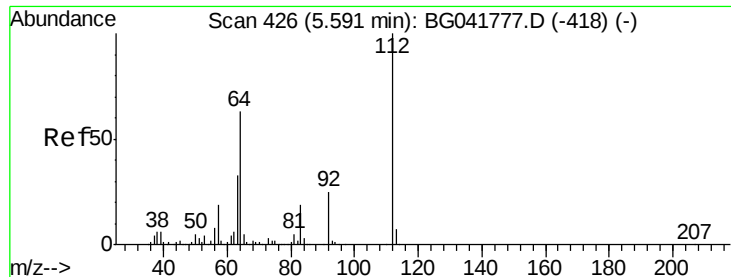
74 124.0 97.4 146.2

44 6.1 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: 127.885 ng

RT: 5.59 min Scan# 426

Delta R.T. 0.00 min

Lab File: BG041881.D

Acq: 2 Aug 2019 10:11

Instrument :

BNA_G

ClientSampleId :

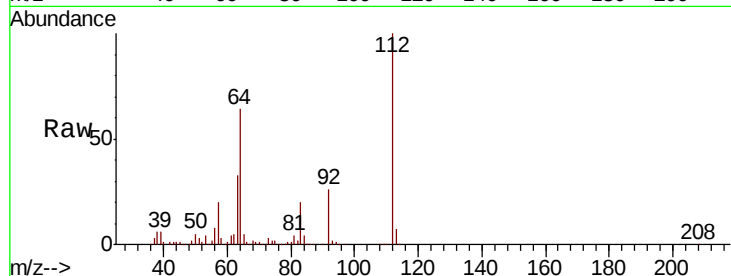
Tot Ion:112 Resp: 541533

Ion Ratio Lower Upper

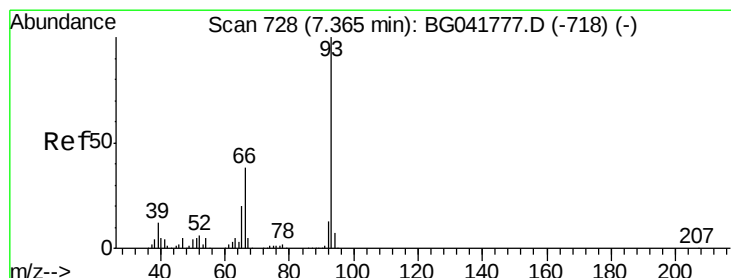
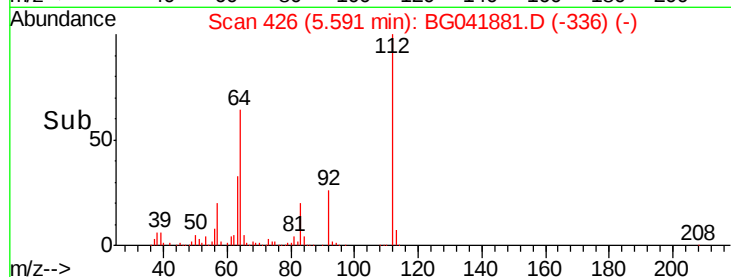
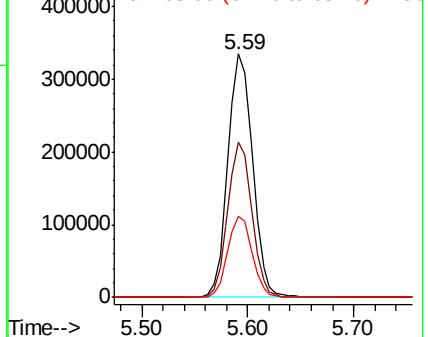
112 100

64 63.7 55.4 83.2

63 33.0 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: 31.049 ng

RT: 7.35 min Scan# 726

Delta R.T. -0.01 min

Lab File: BG041881.D

Acq: 2 Aug 2019 10:11

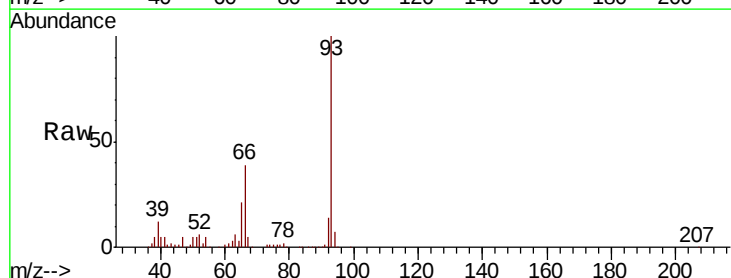
Tgt Ion: 93 Resp: 249589

Ion Ratio Lower Upper

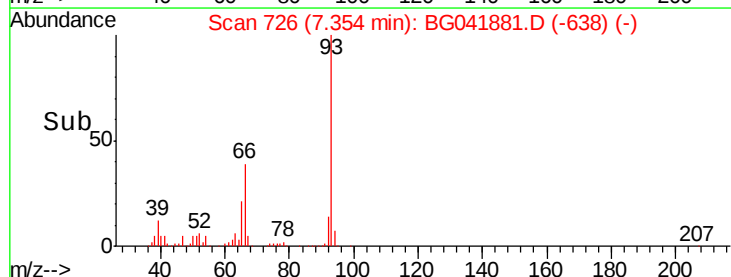
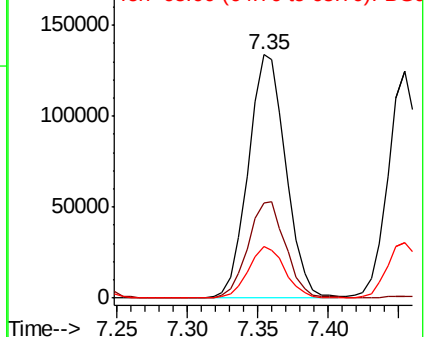
93 100

66 39.1 34.2 51.2

65 21.3 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: 121.178 ng

RT: 7.20 min Scan# 699

Delta R.T. 0.00 min

Lab File: BG041881.D

Acq: 2 Aug 2019 10:11

Instrument :

BNA_G

ClientSampleId :

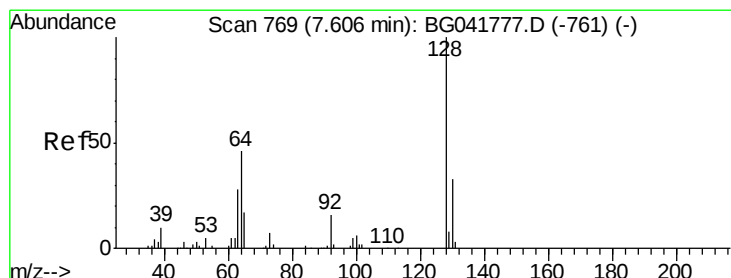
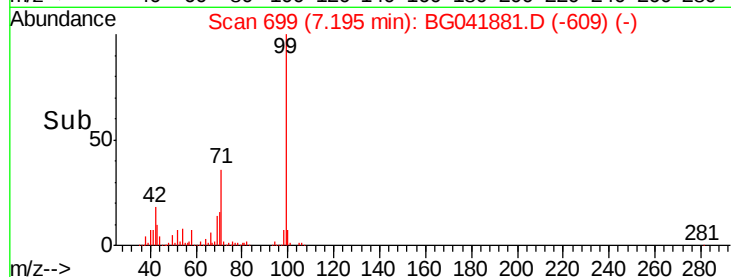
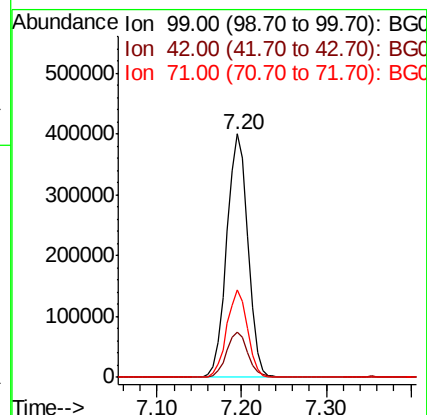
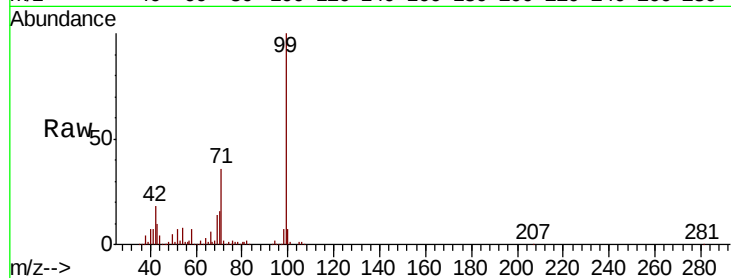
Tot Ion: 99 Resp: 691784

Ion Ratio Lower Upper

99 100

42 18.4 17.6 26.4

71 35.8 27.8 41.6



#8

2-Chlorophenol

Concen: 47.493 ng

RT: 7.61 min Scan# 769

Delta R.T. 0.00 min

Lab File: BG041881.D

Acq: 2 Aug 2019 10:11

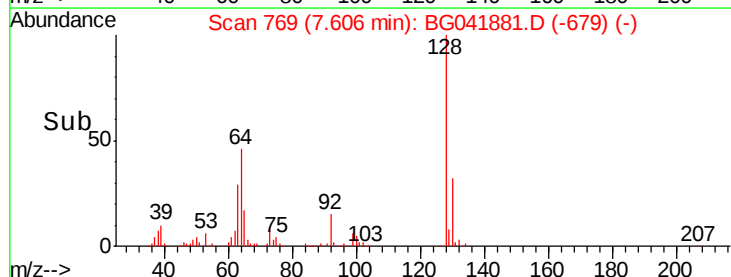
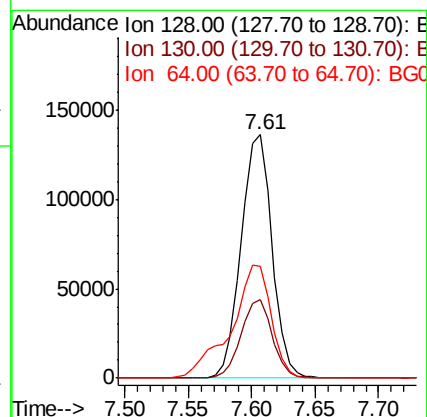
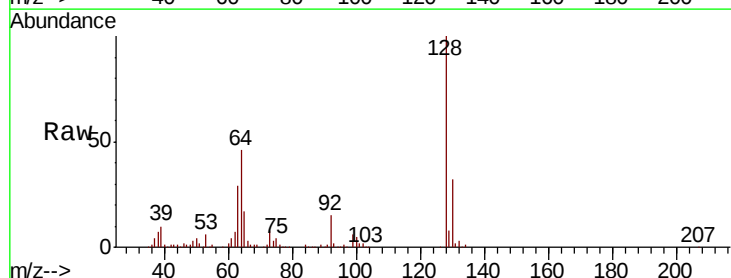
Tgt Ion: 128 Resp: 230291

Ion Ratio Lower Upper

128 100

130 32.3 12.4 52.4

64 46.1 34.9 74.9





#9

Benzaldehyde

Concen: 28.938 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG041881.D

Acq: 2 Aug 2019 10:11

Instrument :

BNA_G

ClientSampleId :

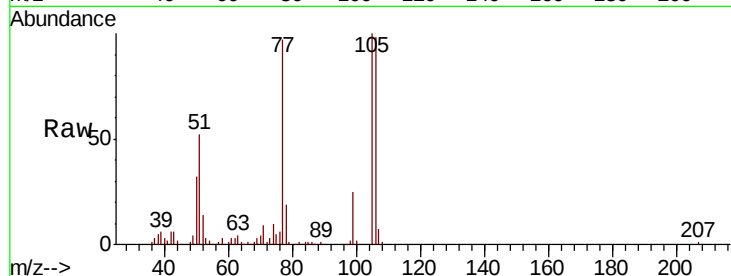
Tot Ion: 77 Resp: 116245

Ion Ratio Lower Upper

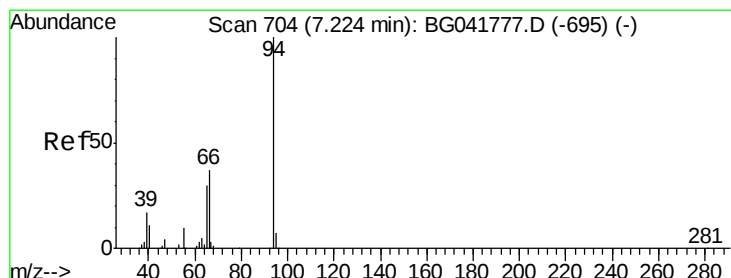
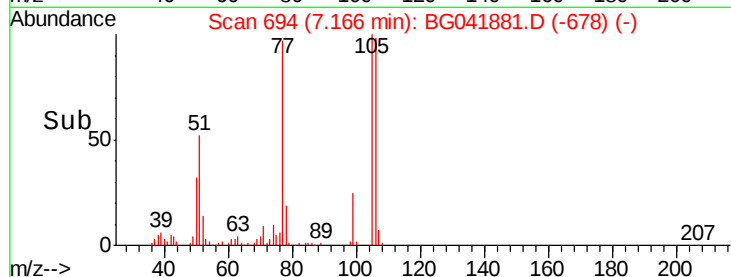
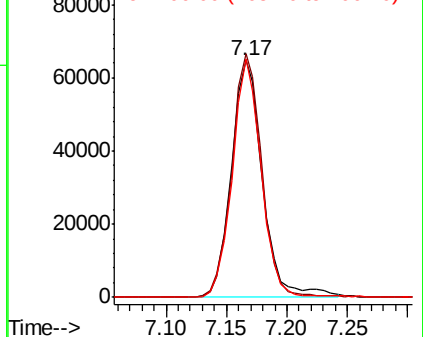
77 100

105 102.7 74.6 114.6

106 100.5 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: 45.602 ng

RT: 7.22 min Scan# 704

Delta R.T. 0.00 min

Lab File: BG041881.D

Acq: 2 Aug 2019 10:11

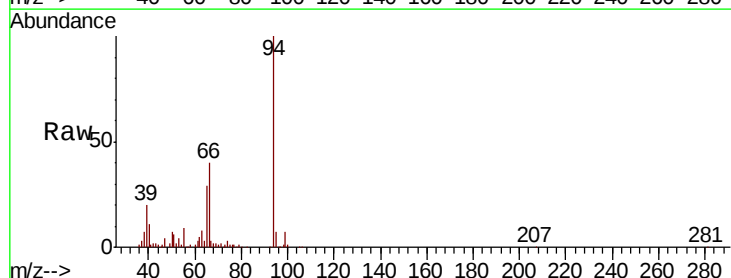
Tgt Ion: 94 Resp: 270836

Ion Ratio Lower Upper

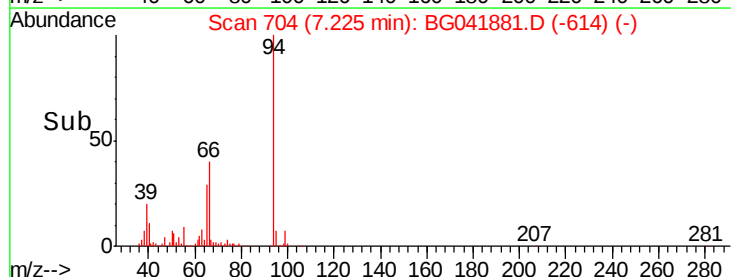
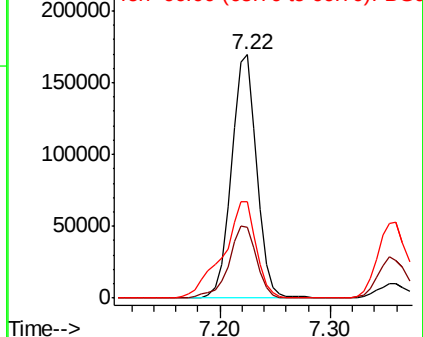
94 100

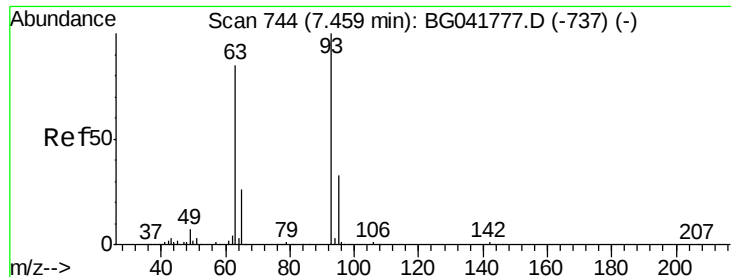
65 29.2 10.6 50.6

66 39.7 18.2 58.2



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

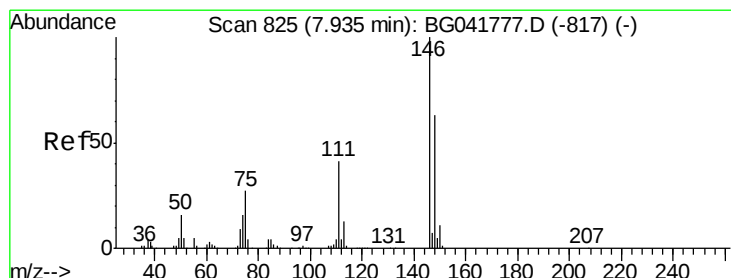
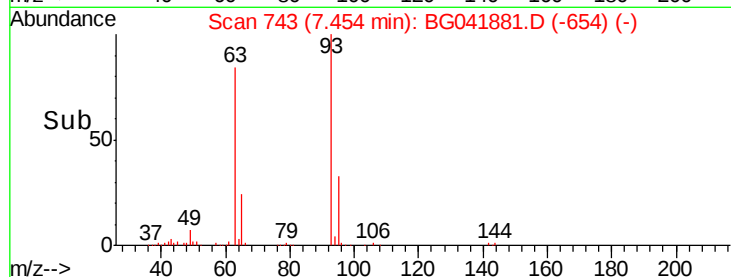
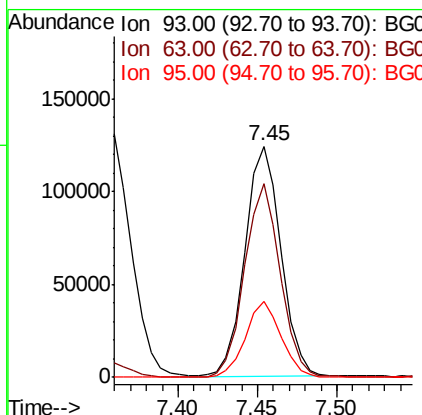
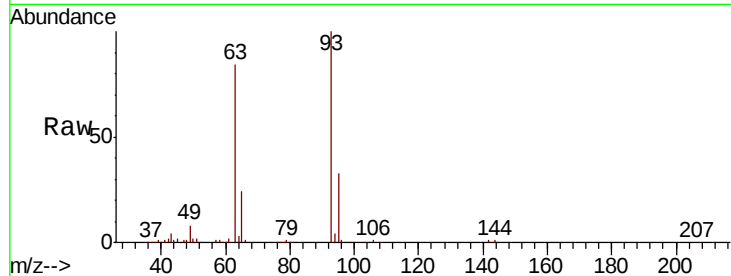




#11
bis(2-Chloroethyl)ether
Concen: 40.288 ng
RT: 7.45 min Scan# 743
Delta R.T. -0.01 min
Lab File: BG041881.D
Acq: 2 Aug 2019 10:11

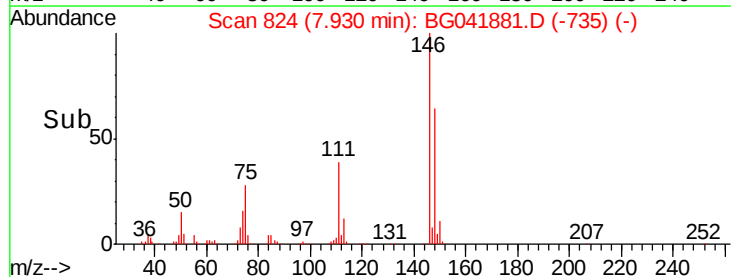
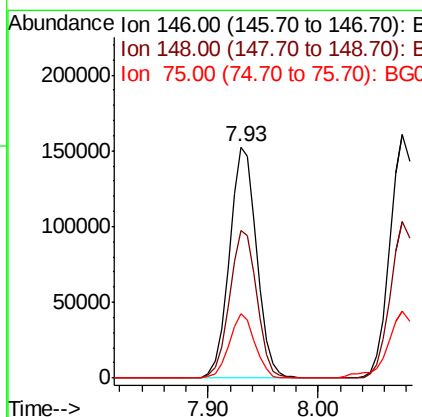
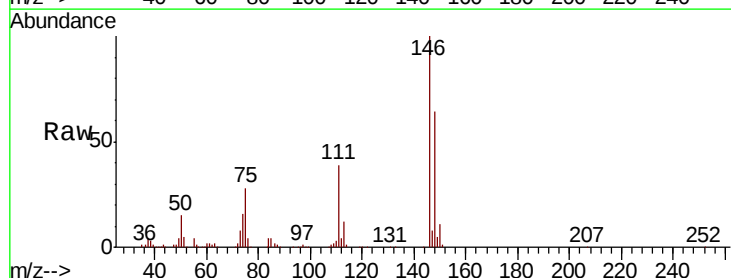
Instrument :
BNA_G
ClientSampleId :

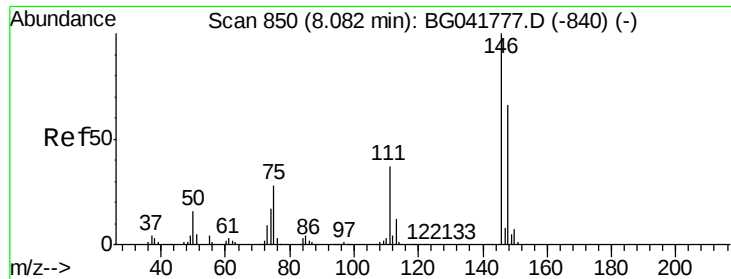
Tot Ion: 93 Resp: 196710
Ion Ratio Lower Upper
93 100
63 83.7 70.4 110.4
95 32.8 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 41.559 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.01 min
Lab File: BG041881.D
Acq: 2 Aug 2019 10:11

Tgt Ion: 146 Resp: 263007
Ion Ratio Lower Upper
146 100
148 63.6 51.5 77.3
75 28.0 23.2 34.8

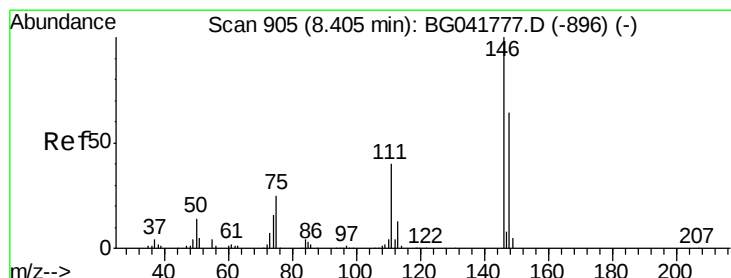
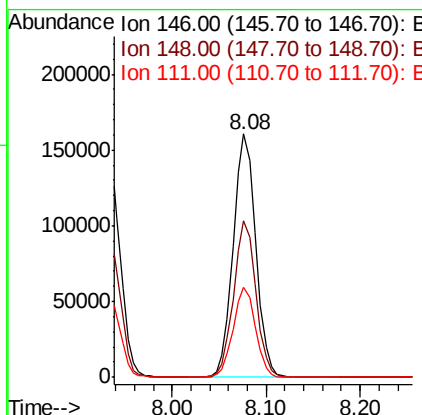
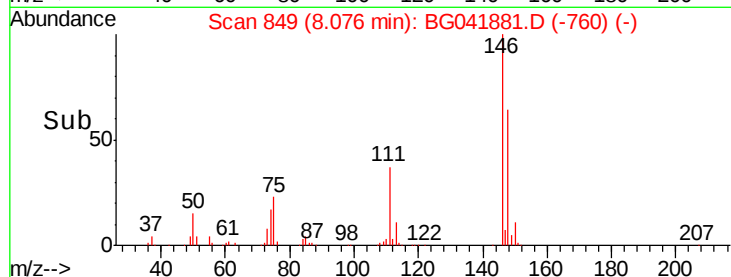
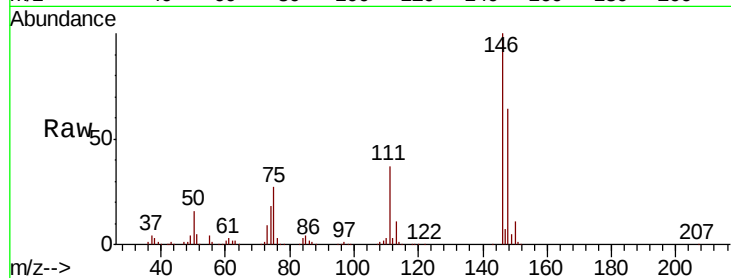




#13
 1,4-Dichlorobenzene
 Concen: 42.364 ng
 RT: 8.08 min Scan# 849
 Delta R.T. -0.01 min
 Lab File: BG041881.D
 Acq: 2 Aug 2019 10:11

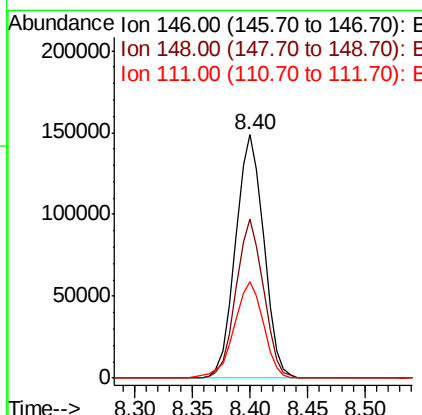
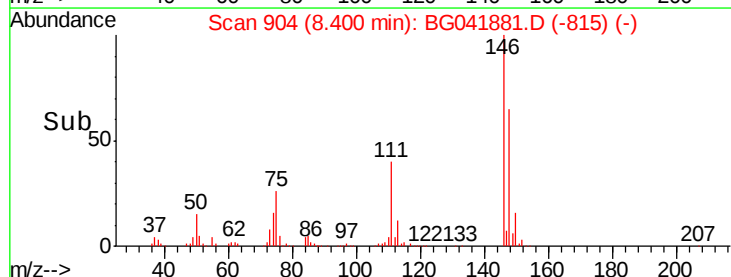
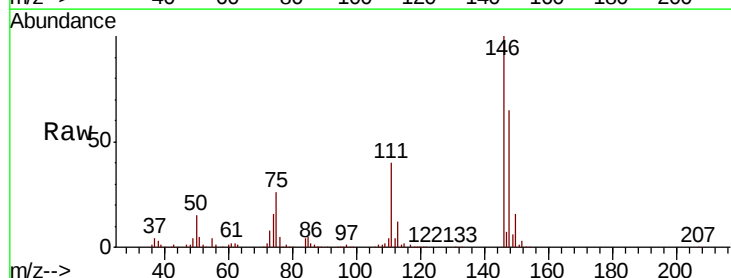
Instrument :
 BNA_G
 ClientSampleId :

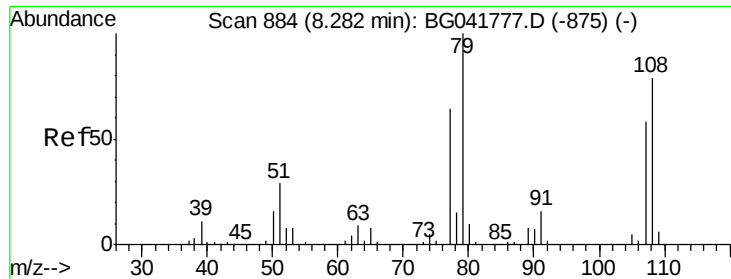
Tot Ion:146 Resp: 268265
 Ion Ratio Lower Upper
 146 100
 148 64.3 52.6 79.0
 111 36.9 32.5 48.7



#14
 1,2-Dichlorobenzene
 Concen: 41.627 ng
 RT: 8.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BG041881.D
 Acq: 2 Aug 2019 10:11

Tgt Ion:146 Resp: 251531
 Ion Ratio Lower Upper
 146 100
 148 65.1 53.5 80.3
 111 39.5 35.4 53.0





#15

Benzyl Alcohol

Concen: 43.267 ng

RT: 8.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BG041881.D

Acq: 2 Aug 2019 10:11

Instrument :

BNA_G

ClientSampled :

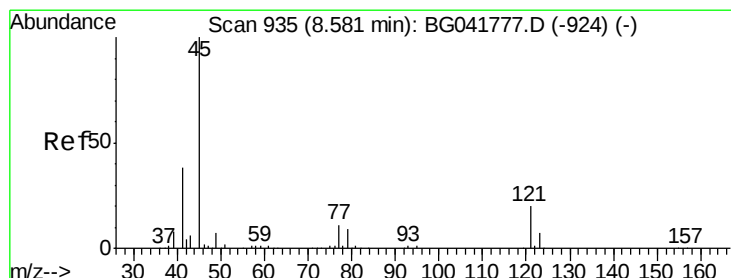
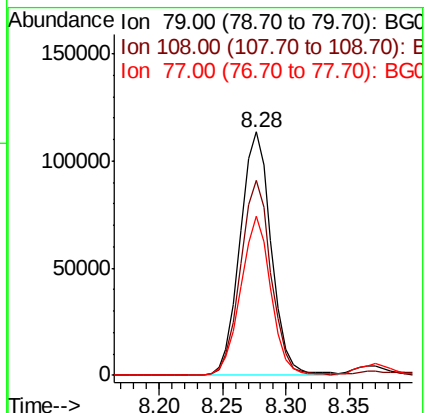
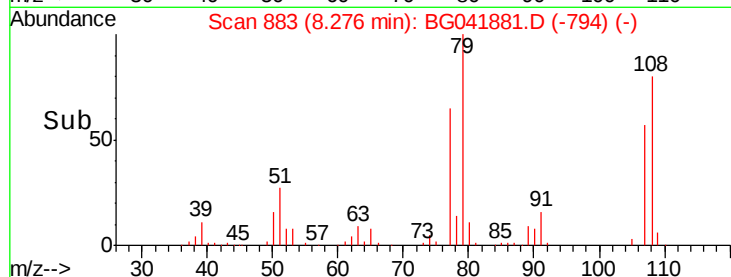
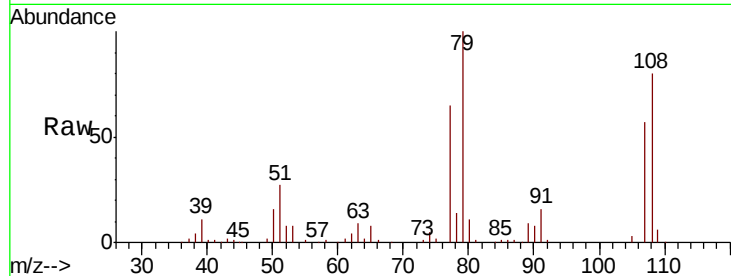
Tot Ion: 79 Resp: 194326

Ion Ratio Lower Upper

79 100

108 80.3 60.5 90.7

77 65.4 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.122 ng

RT: 8.57 min Scan# 933

Delta R.T. -0.01 min

Lab File: BG041881.D

Acq: 2 Aug 2019 10:11

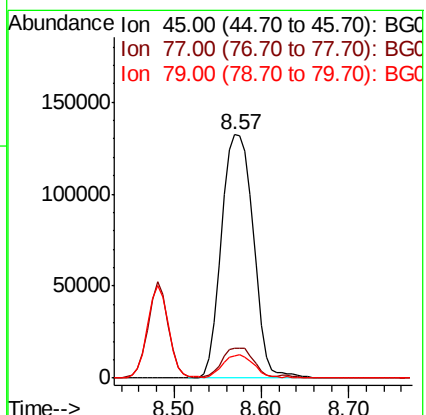
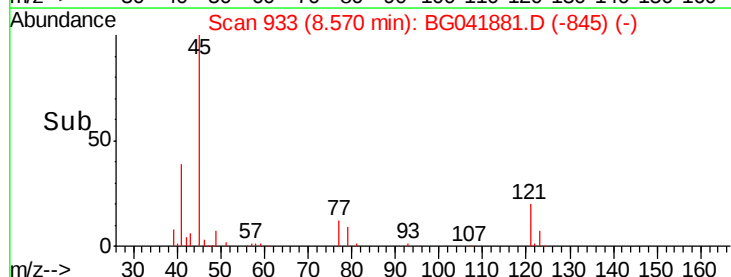
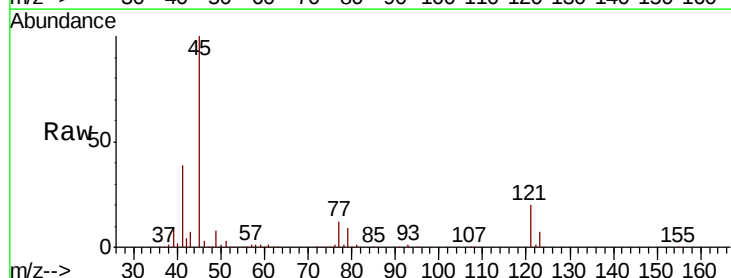
Tgt Ion: 45 Resp: 331152

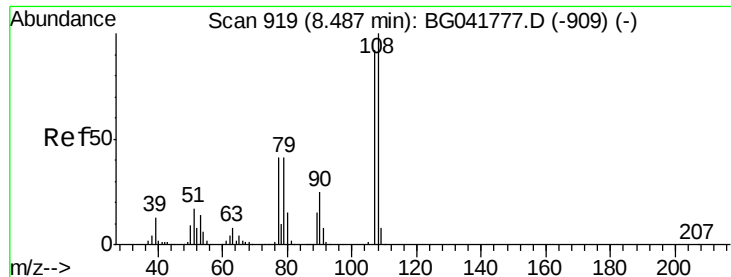
Ion Ratio Lower Upper

45 100

77 12.3 0.0 30.4

79 9.1 0.0 27.9

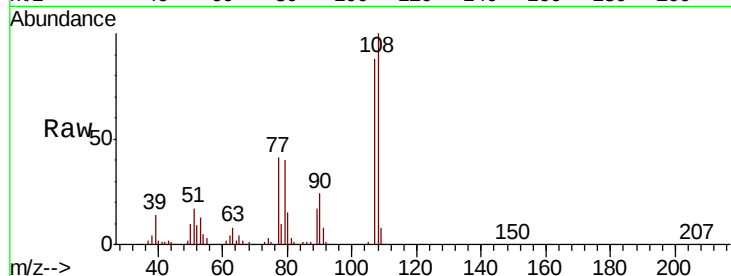




#17
2-Methylphenol
Concen: 43.957 ng
RT: 8.48 min Scan# 918
Delta R.T. -0.01 min
Lab File: BG041881.D
Acq: 2 Aug 2019 10:11

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.5	87.6	131.4
77	46.7	36.1	54.1
79	45.0	36.4	54.6



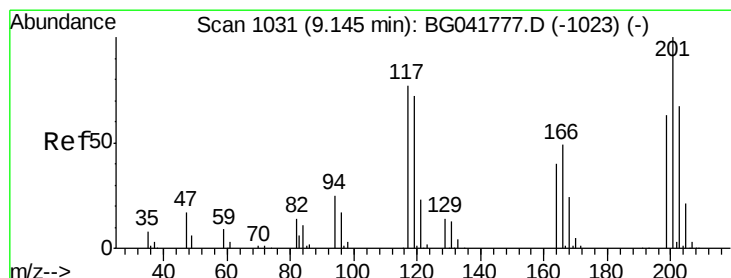
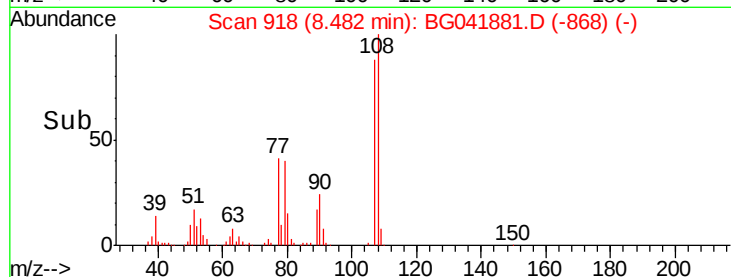
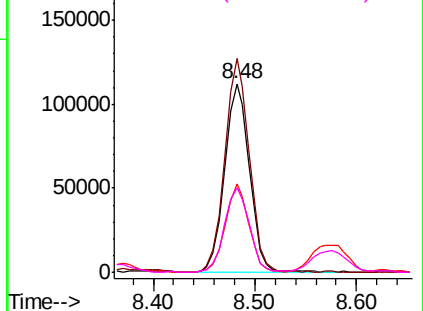
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

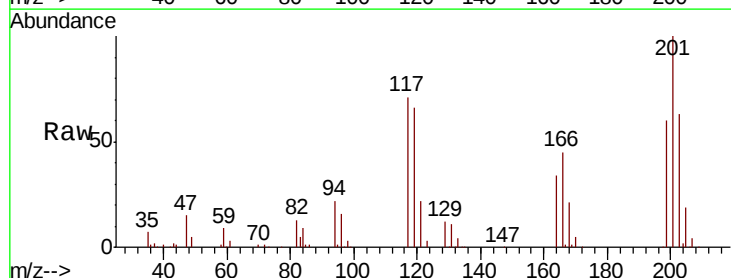
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 42.962 ng
RT: 9.14 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BG041881.D
Acq: 2 Aug 2019 10:11

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.4	76.2	114.2
201	140.6	94.1	141.1

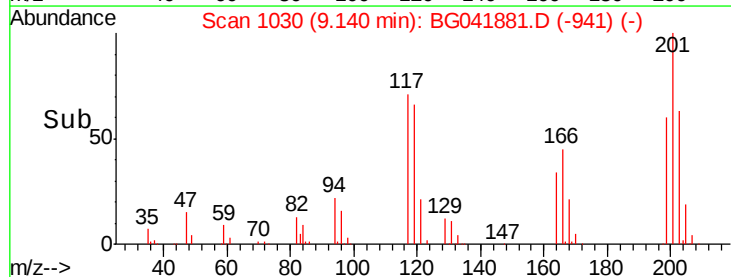
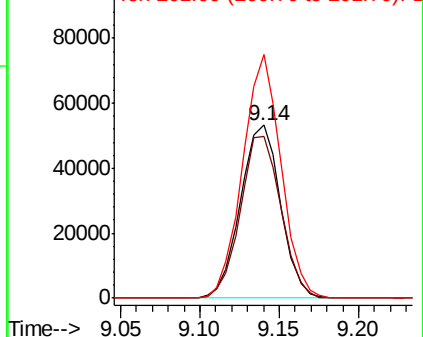


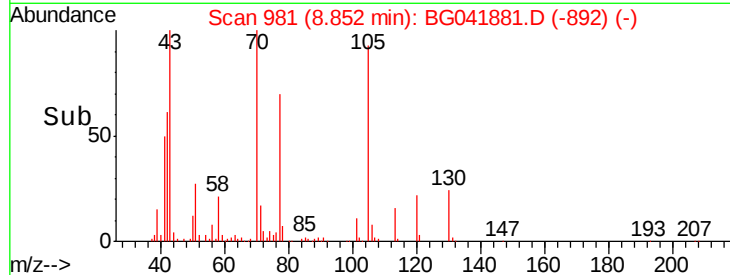
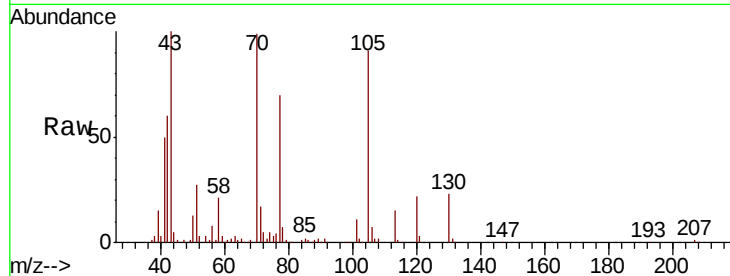
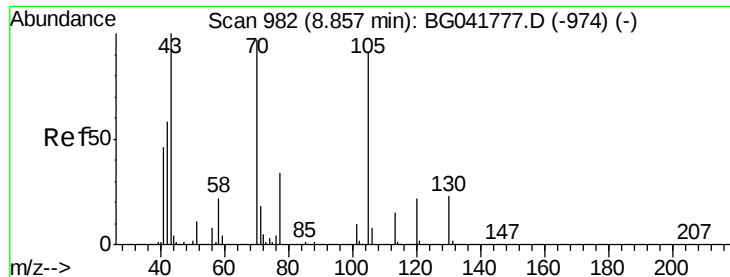
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

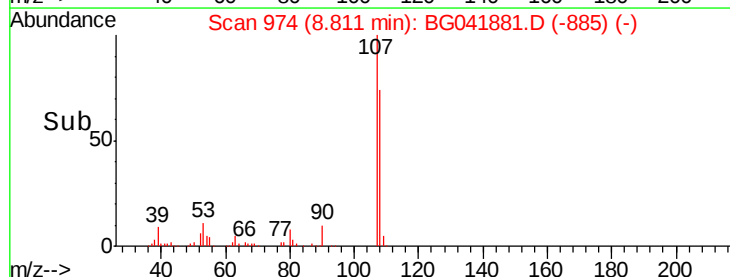
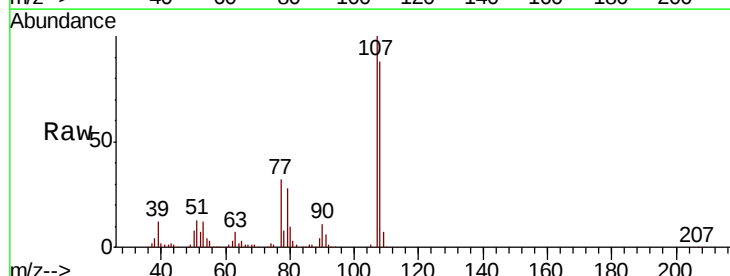
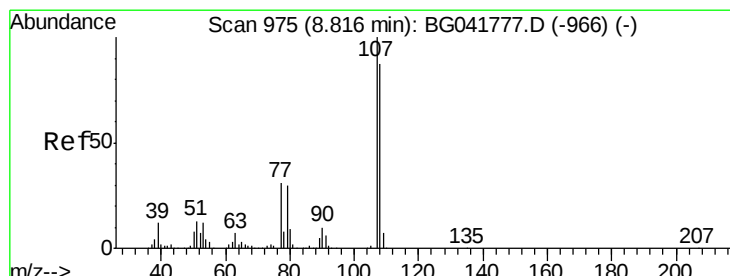
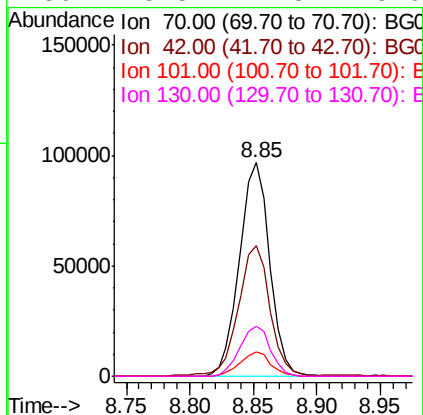




#19
n-Nitroso-di-n-propylamine
Concen: 38.756 ng
RT: 8.85 min Scan# 981
Delta R.T. -0.01 min
Lab File: BG041881.D
Acq: 2 Aug 2019 10:11

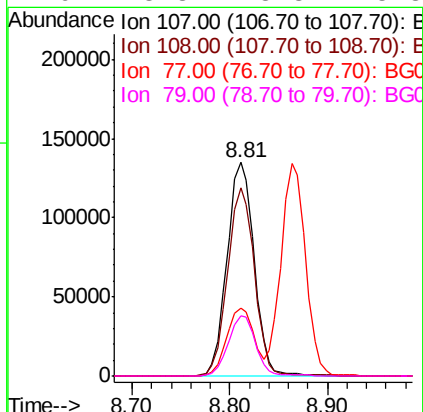
Instrument :
BNA_G
ClientSampled :

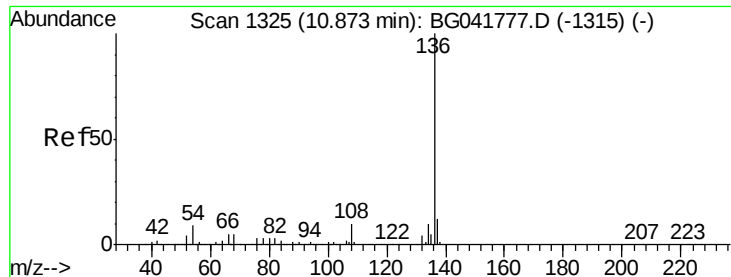
Tot Ion: 70 Resp: 160632
Ion Ratio Lower Upper
70 100
42 61.0 55.8 83.6
101 11.4 8.1 12.1
130 23.5 17.3 25.9



#20
3+4-Methylphenols
Concen: 44.040 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.01 min
Lab File: BG041881.D
Acq: 2 Aug 2019 10:11

Tgt Ion: 107 Resp: 260307
Ion Ratio Lower Upper
107 100
108 88.3 67.5 107.5
77 31.8 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. -0.01 min

Lab File: BG041881.D

Acq: 2 Aug 2019 10:11

Instrument :

BNA_G

ClientSampled :

Tot Ion:136 Resp: 330986

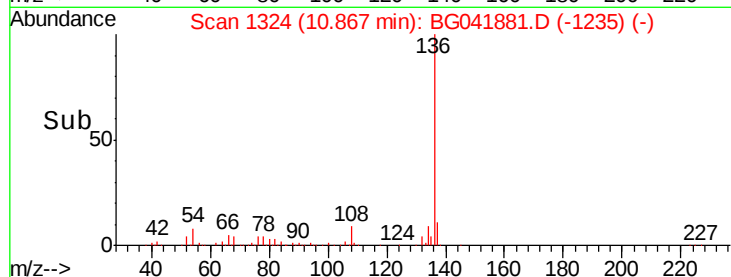
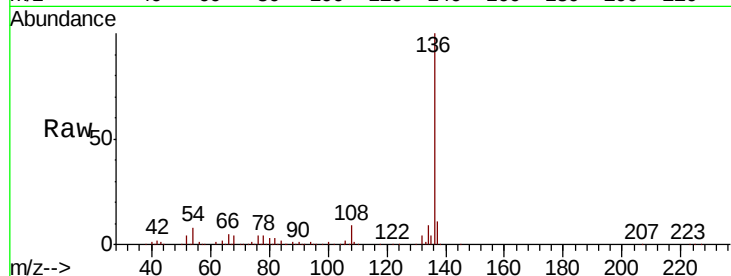
Ion Ratio Lower Upper

136 100

137 10.8 9.2 13.8

54 8.3 8.7 13.1#

68 4.5 5.5 8.3#

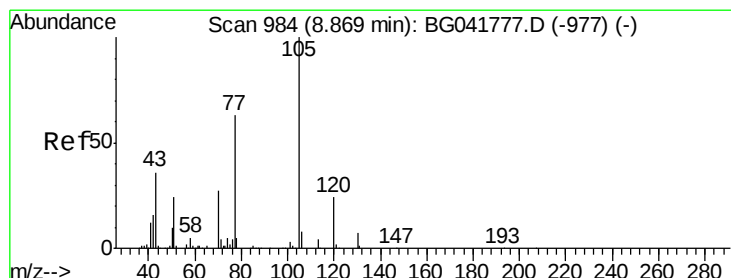
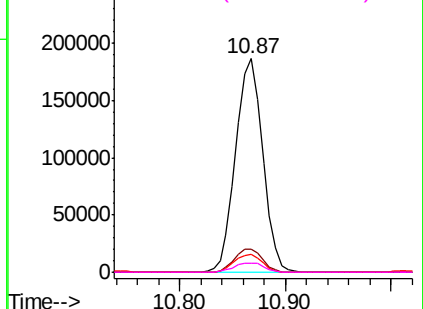


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 42.560 ng

RT: 8.86 min Scan# 983

Delta R.T. -0.01 min

Lab File: BG041881.D

Acq: 2 Aug 2019 10:11

Tgt Ion:105 Resp: 315089

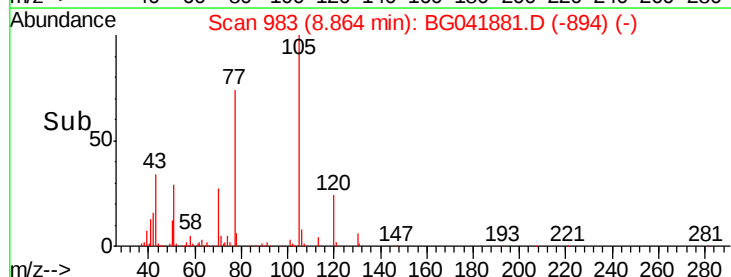
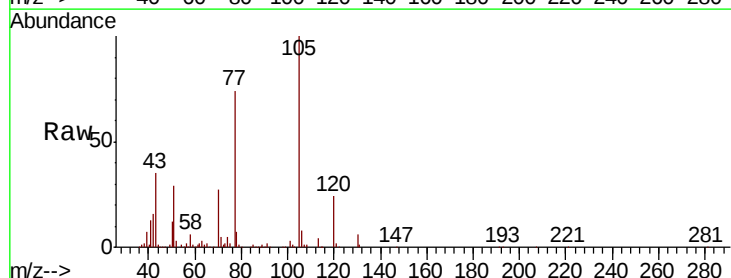
Ion Ratio Lower Upper

105 100

71 4.6 5.9 8.9#

51 29.4 27.7 41.5

120 24.0 19.3 28.9

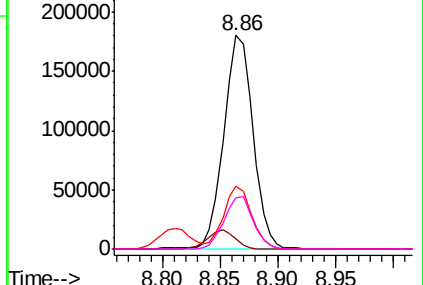


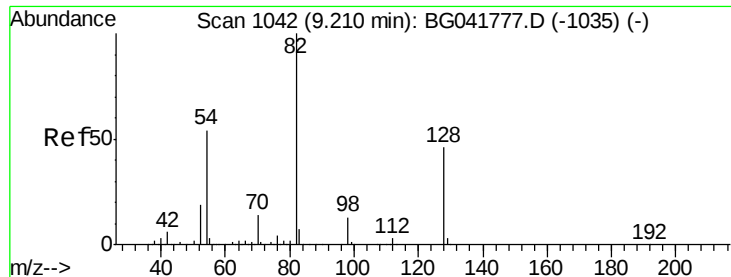
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

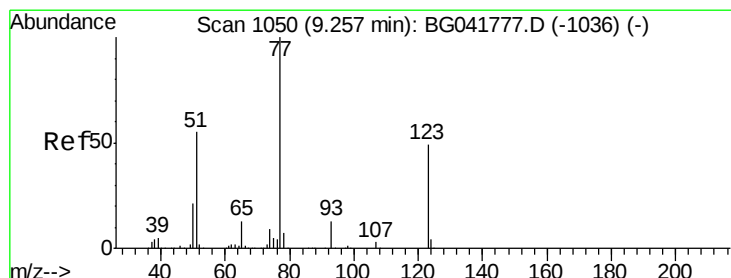
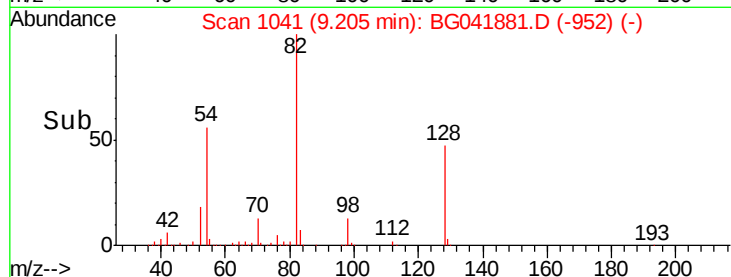
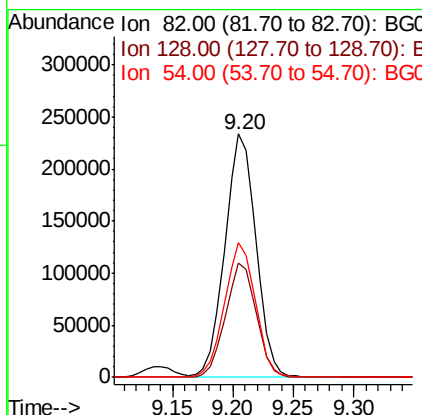
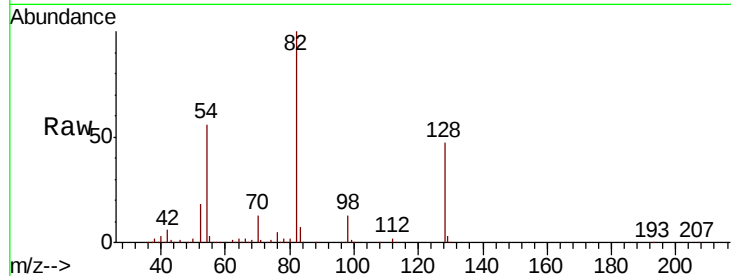




#23
 Nitrobenzene-d5
 Concen: 86.709 ng
 RT: 9.20 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BG041881.D
 Acq: 2 Aug 2019 10:11

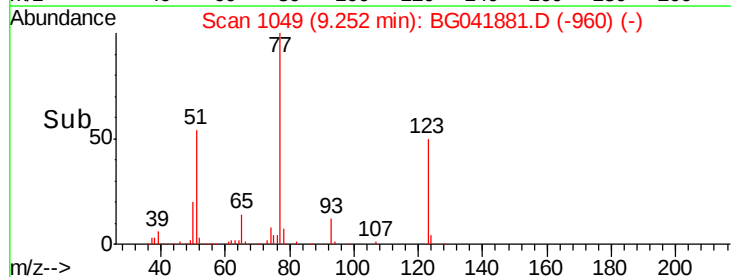
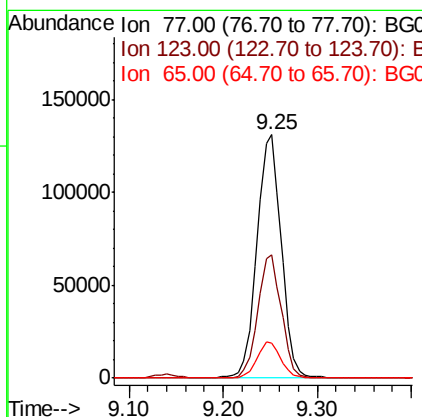
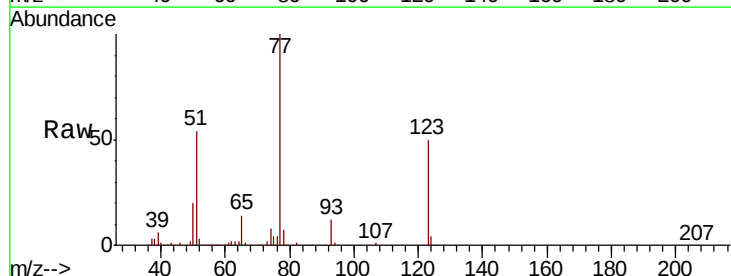
Instrument :
 BNA_G
 ClientSampleID :

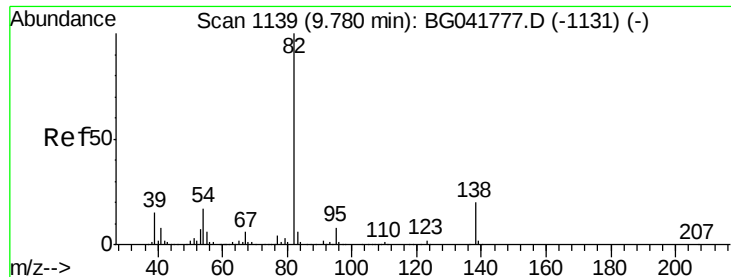
Tot Ion	82	Resp	417045
Ion Ratio	100	Lower	Upper
128	46.7	35.1	52.7
54	55.5	48.7	73.1



#24
 Nitrobenzene
 Concen: 46.222 ng
 RT: 9.25 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: BG041881.D
 Acq: 2 Aug 2019 10:11

Tgt Ion	77	Resp	234208
Ion Ratio	100	Lower	Upper
123	50.4	38.1	57.1
65	14.5	11.0	16.6





#25

Isophorone

Concen: 41.168 ng

RT: 9.77 min Scan# 1138

Delta R.T. -0.01 min

Lab File: BG041881.D

Acq: 2 Aug 2019 10:11

Instrument :

BNA_G

ClientSampleId :

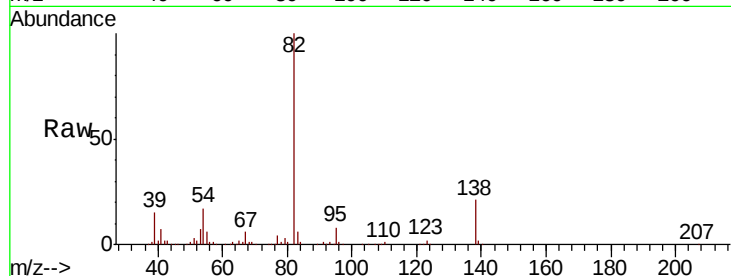
Tot Ion: 82 Resp: 430736

Ion Ratio Lower Upper

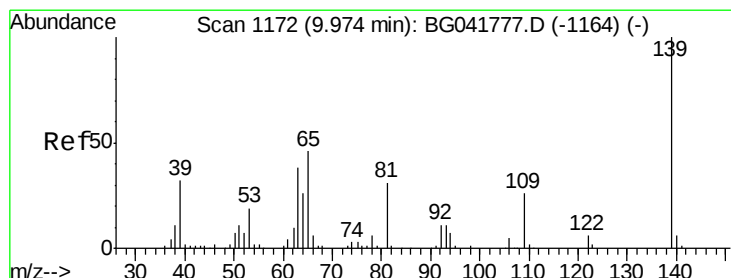
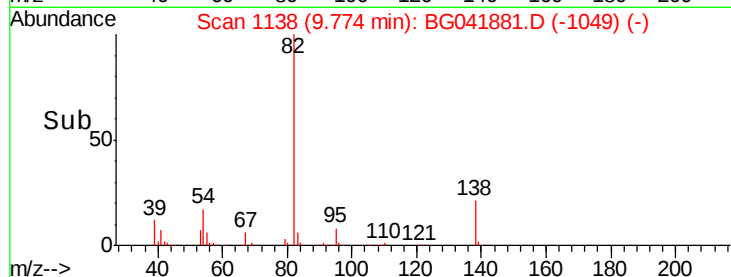
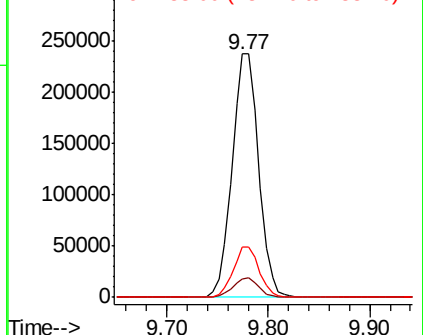
82 100

95 7.7 5.9 8.9

138 20.5 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: 55.999 ng

RT: 9.97 min Scan# 1171

Delta R.T. -0.01 min

Lab File: BG041881.D

Acq: 2 Aug 2019 10:11

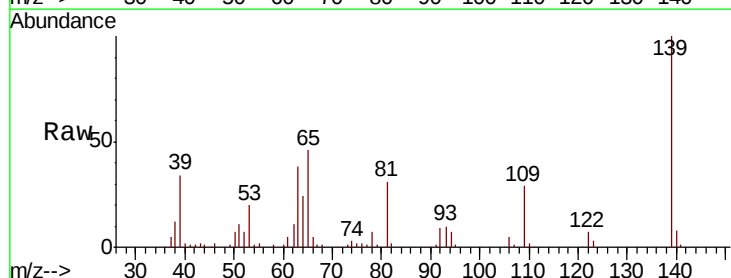
Tgt Ion: 139 Resp: 131692

Ion Ratio Lower Upper

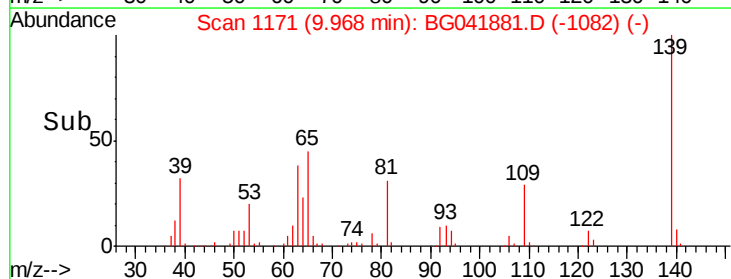
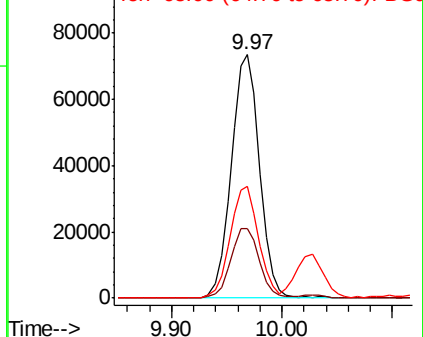
139 100

109 28.5 22.7 34.1

65 46.1 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

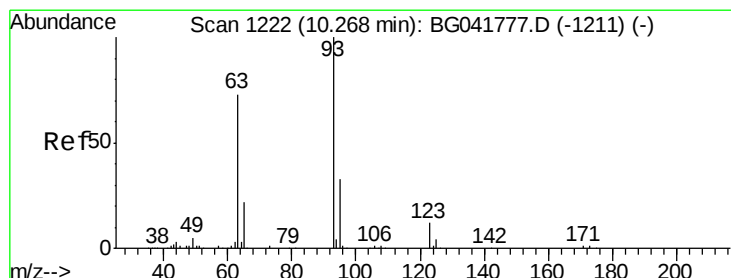
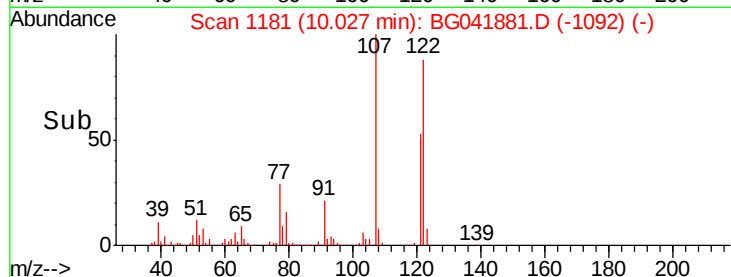
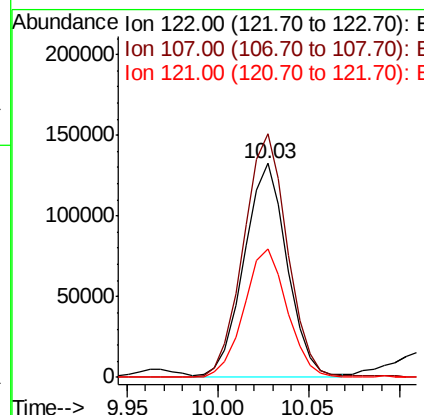
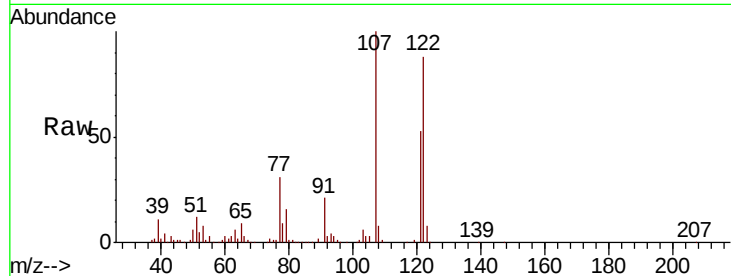




#27
 2,4-Dimethylphenol
 Concen: 52.483 ng
 RT: 10.03 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BG041881.D
 Acq: 2 Aug 2019 10:11

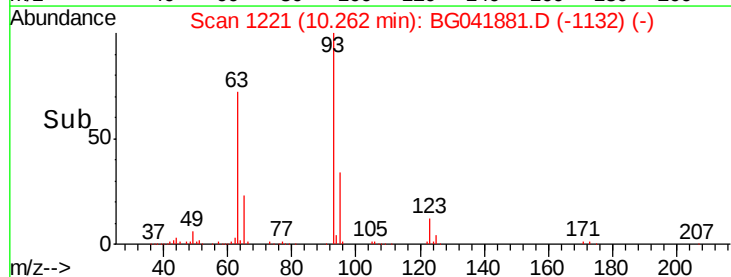
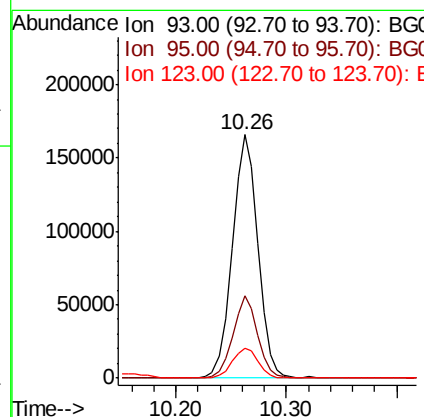
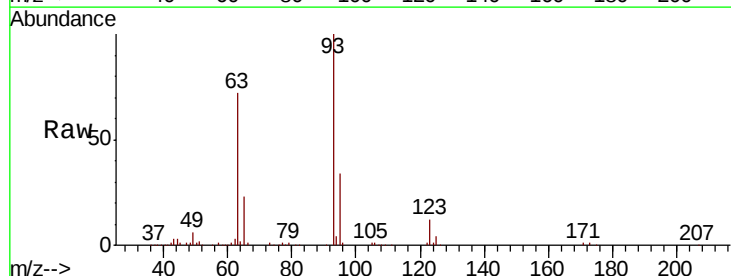
Instrument :
 BNA_G
 ClientSampleId :

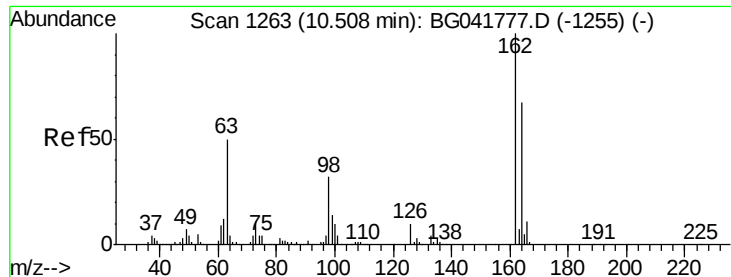
Tot Ion	Ratio	Lower	Upper
122	100		
107	113.9	91.3	136.9
121	59.9	49.2	73.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.039 ng
 RT: 10.26 min Scan# 1221
 Delta R.T. -0.01 min
 Lab File: BG041881.D
 Acq: 2 Aug 2019 10:11

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.6	26.2	39.4
123	12.5	9.9	14.9

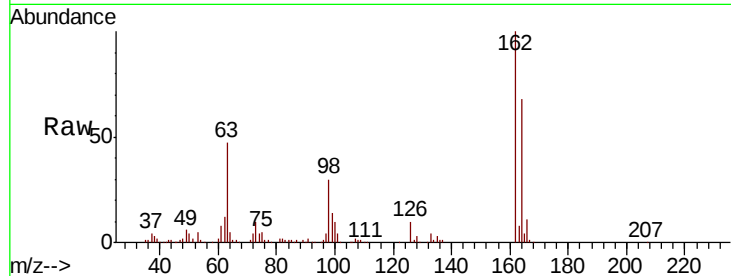




#29
 2,4-Dichlorophenol
 Concen: 49.332 ng
 RT: 10.51 min Scan# 1263
 Delta R.T. 0.00 min
 Lab File: BG041881.D
 Acq: 2 Aug 2019 10:11

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	68.0	46.1	86.1
98	29.9	14.7	54.7

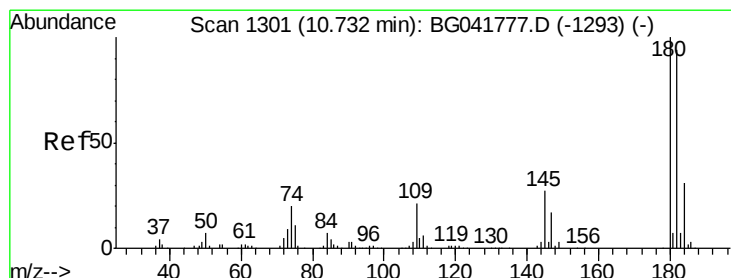
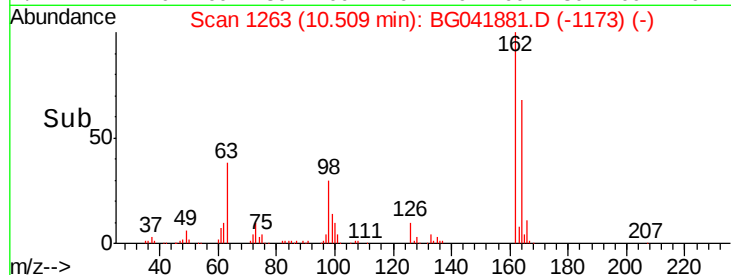
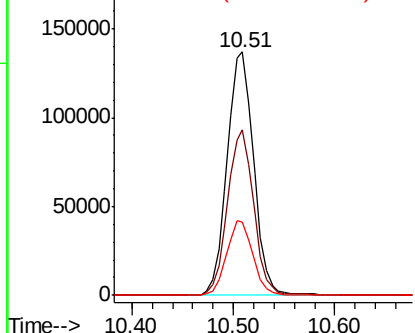


Abundance

Ion 162.00 (161.70 to 162.70): E

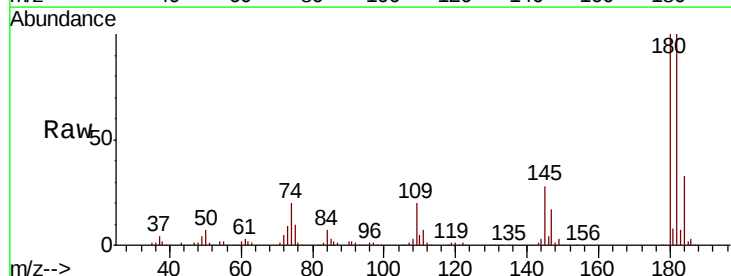
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
 1,2,4-Trichlorobenzene
 Concen: 43.700 ng
 RT: 10.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BG041881.D
 Acq: 2 Aug 2019 10:11

Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.3	76.2	114.2
145	27.7	23.8	35.8

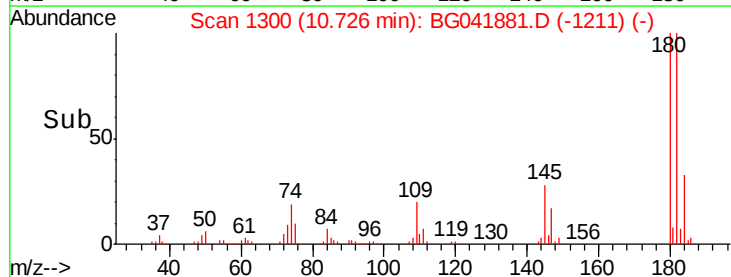
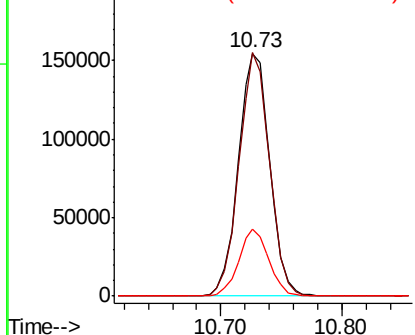


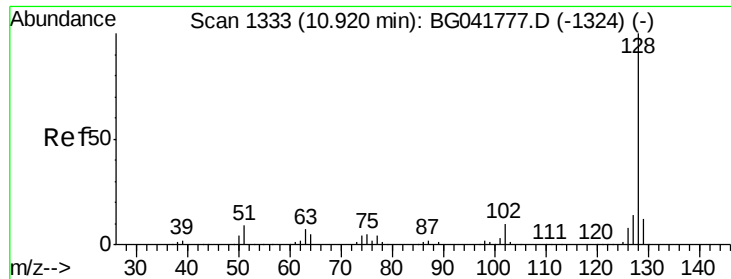
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

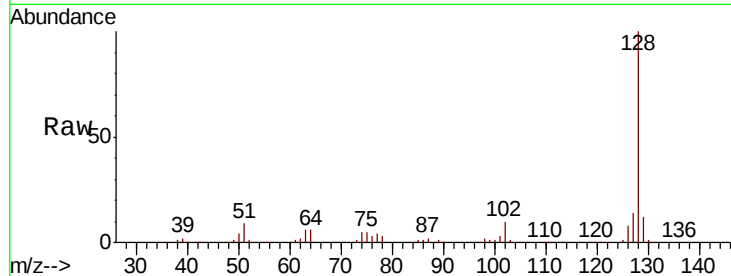




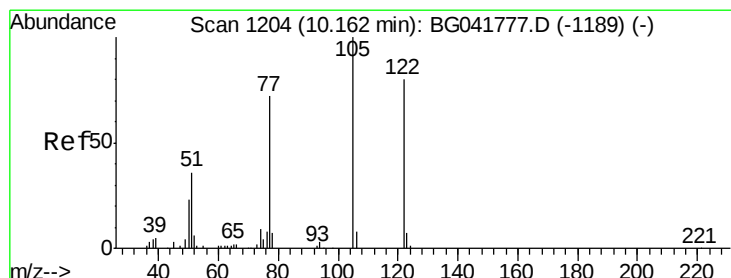
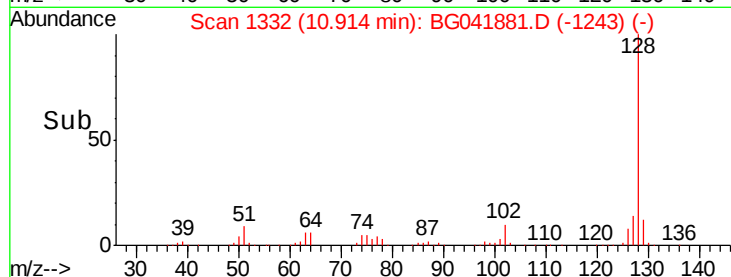
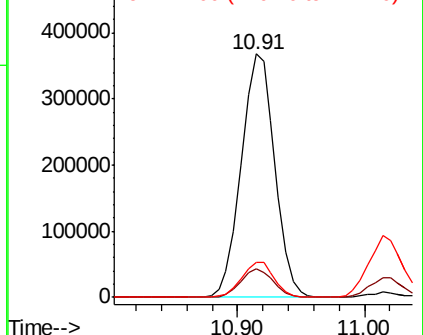
#31
Naphthalene
Concen: 44.476 ng
RT: 10.91 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BG041881.D
Acq: 2 Aug 2019 10:11

Instrument :
BNA_G
ClientSampled :

Tot Ion:128 Resp: 673729
Ion Ratio Lower Upper
128 100
129 11.5 10.0 15.0
127 14.3 12.3 18.5

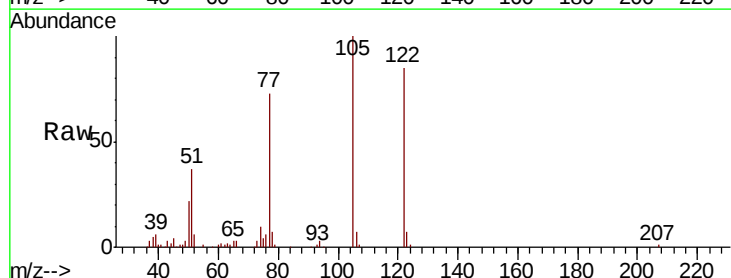


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

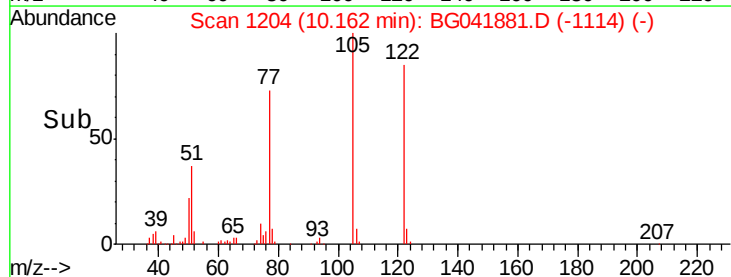
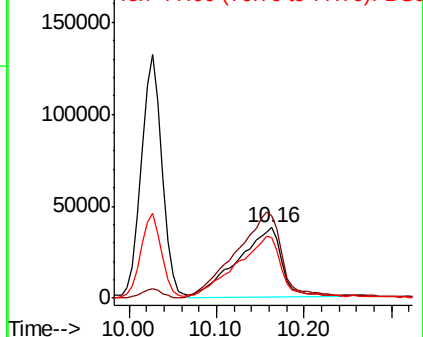


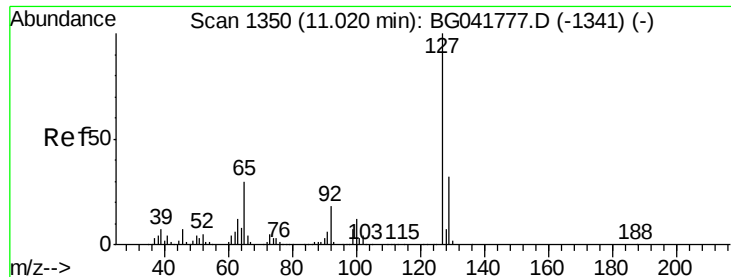
#32
Benzoic acid
Concen: 44.653 ng
RT: 10.16 min Scan# 1204
Delta R.T. 0.00 min
Lab File: BG041881.D
Acq: 2 Aug 2019 10:11

Tgt Ion:122 Resp: 130194
Ion Ratio Lower Upper
122 100
105 117.4 101.5 141.5
77 86.2 73.0 113.0



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

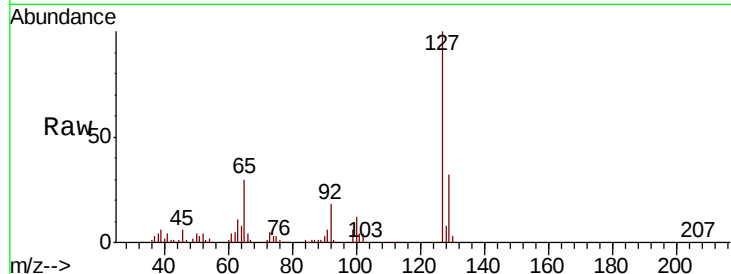




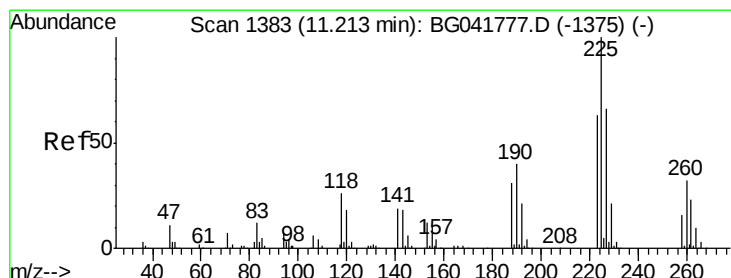
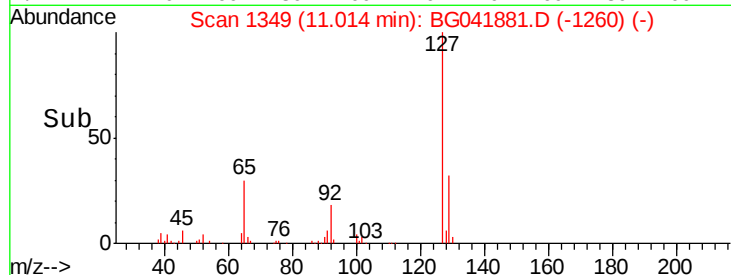
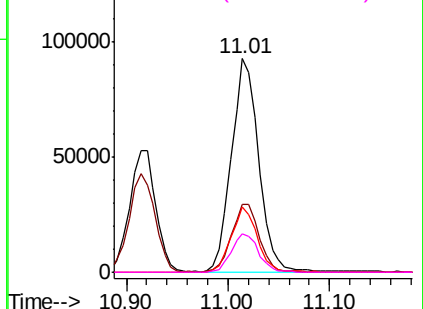
#33
4-Chloroaniline
Concen: 23.937 ng
RT: 11.01 min Scan# 1349
Delta R.T. -0.01 min
Lab File: BG041881.D
Acq: 2 Aug 2019 10:11

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	171956
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.8	38.8
65	30.3	26.7	40.1
92	18.1	15.4	23.0

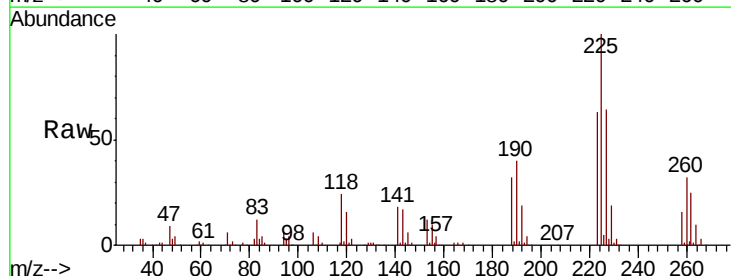


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

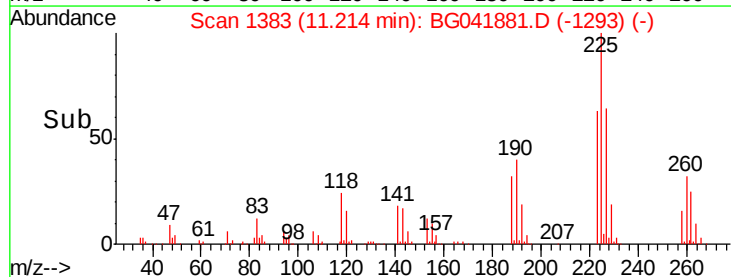
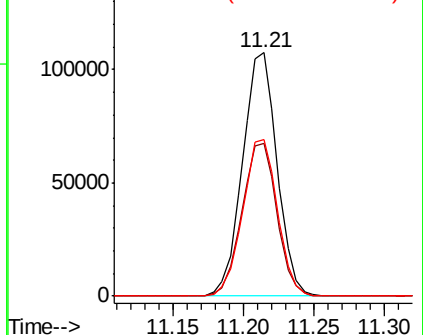


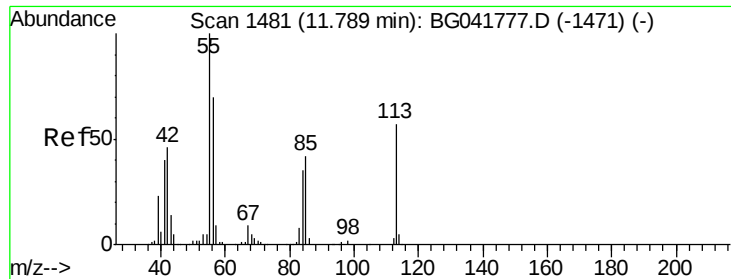
#34
Hexachlorobutadiene
Concen: 42.551 ng
RT: 11.21 min Scan# 1383
Delta R.T. 0.00 min
Lab File: BG041881.D
Acq: 2 Aug 2019 10:11

Tgt Ion:	225	Resp:	184072
Ion	Ratio	Lower	Upper
225	100		
223	62.5	51.1	76.7
227	64.4	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: 18.340 ng

RT: 11.78 min Scan# 1480

Delta R.T. -0.01 min

Lab File: BG041881.D

Acq: 2 Aug 2019 10:11

Instrument :

BNA_G

ClientSampled :

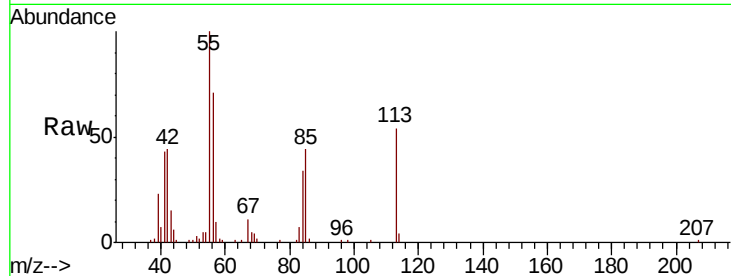
Tot Ion:113 Resp: 32216

Ion Ratio Lower Upper

113 100

55 183.7 199.4 239.4#

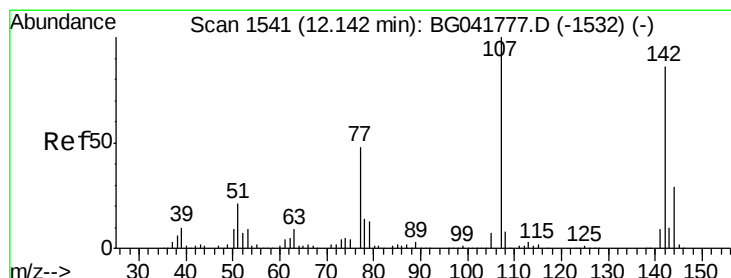
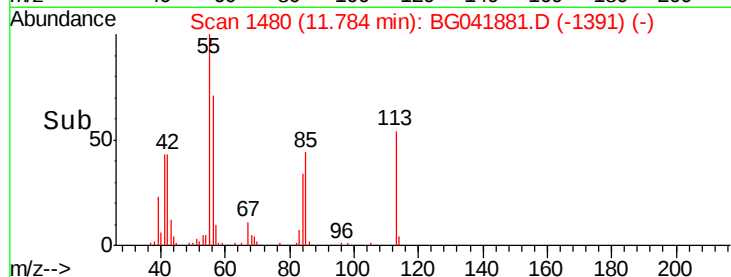
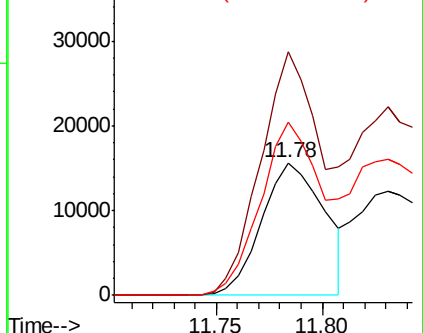
56 130.4 133.6 173.6#



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: 47.093 ng

RT: 12.14 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BG041881.D

Acq: 2 Aug 2019 10:11

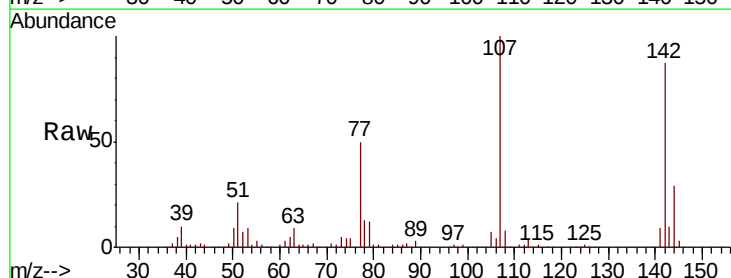
Tgt Ion:107 Resp: 235988

Ion Ratio Lower Upper

107 100

144 29.3 22.2 33.2

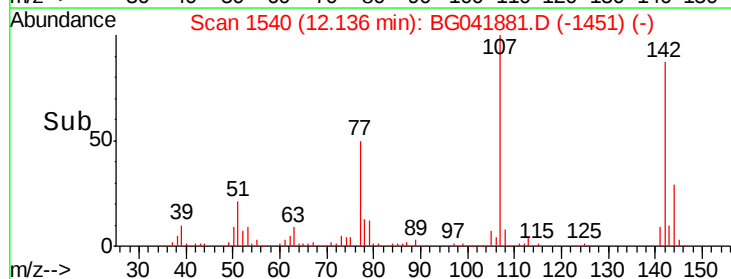
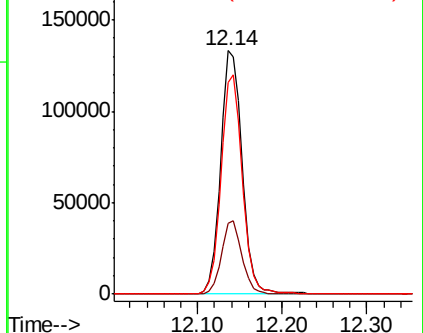
142 86.9 67.3 100.9

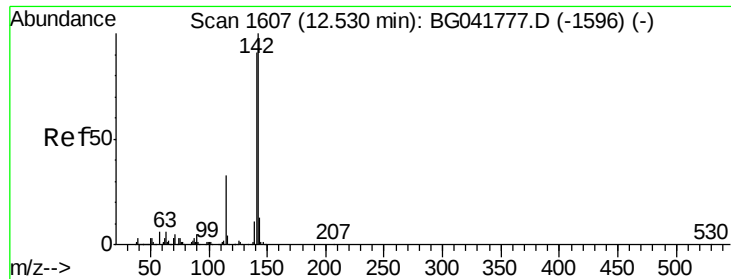


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 43.804 ng

RT: 12.52 min Scan# 1606

Delta R.T. -0.01 min

Lab File: BG041881.D

Acq: 2 Aug 2019 10:11

Instrument :

BNA_G

ClientSampleId :

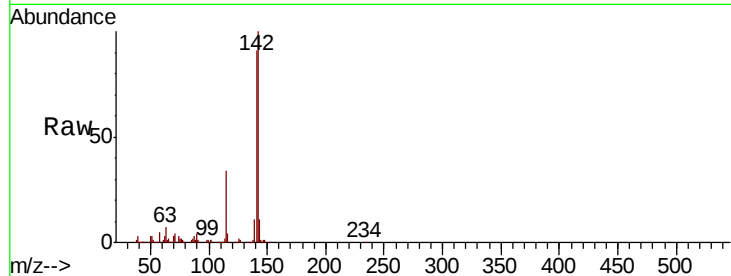
Tot Ion:142 Resp: 525223

Ion Ratio Lower Upper

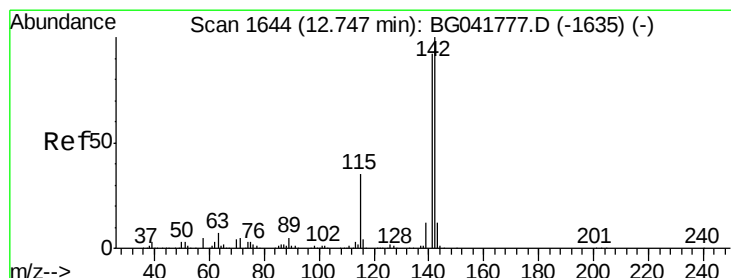
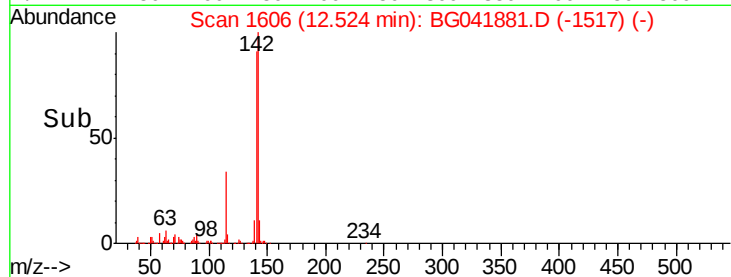
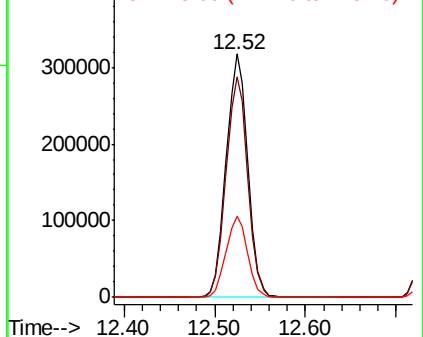
142 100

141 90.5 72.7 109.1

115 33.5 27.0 40.4



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



#38

1-Methylnaphthalene

Concen: 43.708 ng

RT: 12.74 min Scan# 1643

Delta R.T. -0.01 min

Lab File: BG041881.D

Acq: 2 Aug 2019 10:11

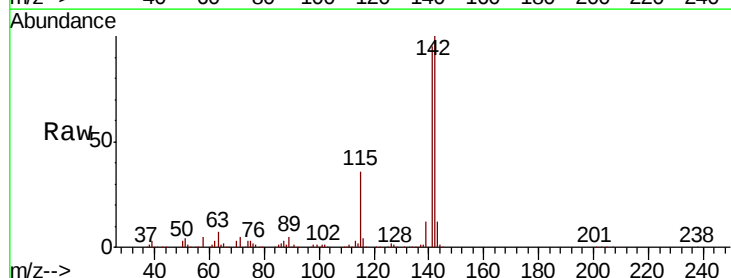
Tgt Ion:142 Resp: 496649

Ion Ratio Lower Upper

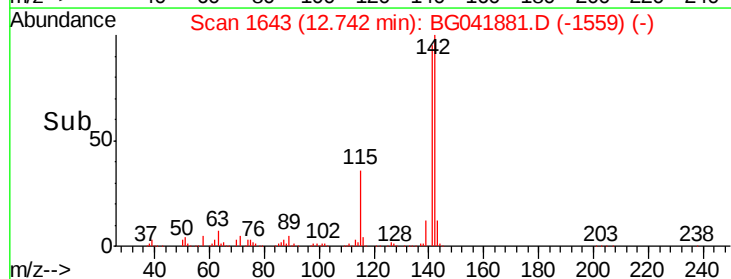
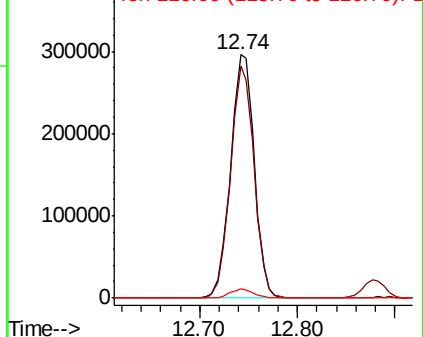
142 100

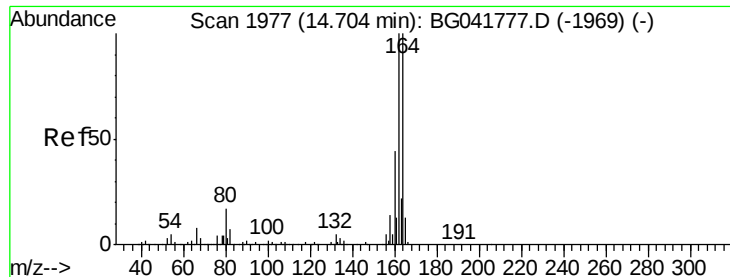
141 95.2 75.4 113.2

116 3.8 3.2 4.8



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.01 min

Lab File: BG041881.D

Acq: 2 Aug 2019 10:11

Instrument :

BNA_G

ClientSampleId :

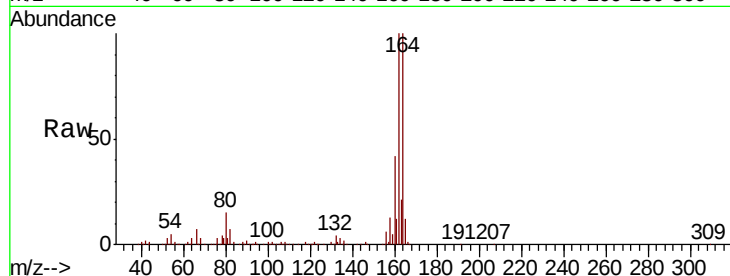
Tot Ion:164 Resp: 236025

Ion Ratio Lower Upper

164 100

162 100.1 79.6 119.4

160 42.1 35.4 53.0

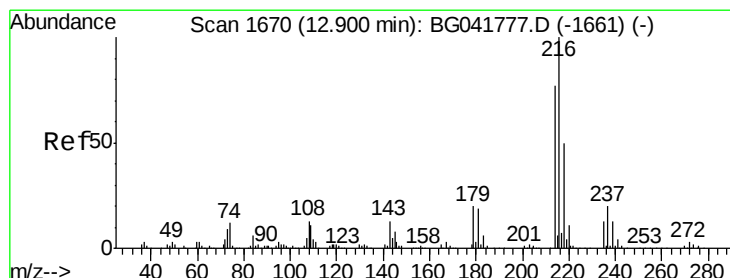
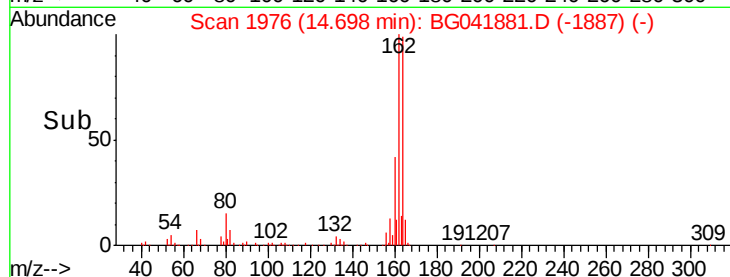
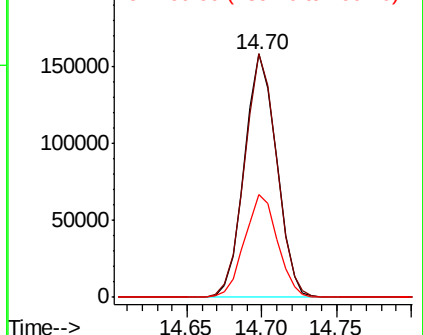


Abundance

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: 45.122 ng

RT: 12.89 min Scan# 1669

Delta R.T. -0.01 min

Lab File: BG041881.D

Acq: 2 Aug 2019 10:11

Tgt Ion:216 Resp: 337114

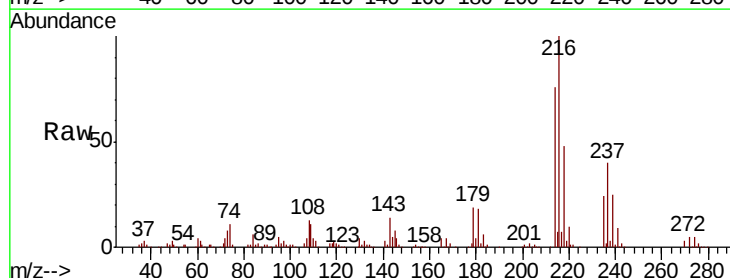
Ion Ratio Lower Upper

216 100

214 76.3 61.5 92.3

179 18.6 16.2 24.2

108 14.4 13.2 19.8



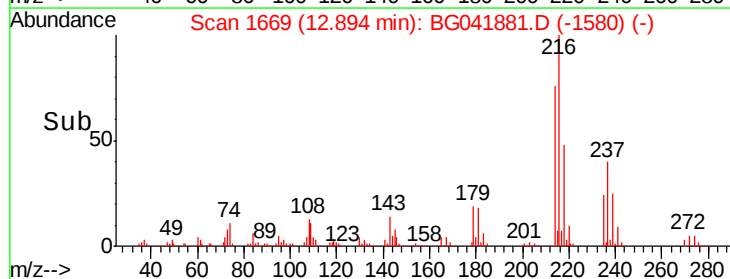
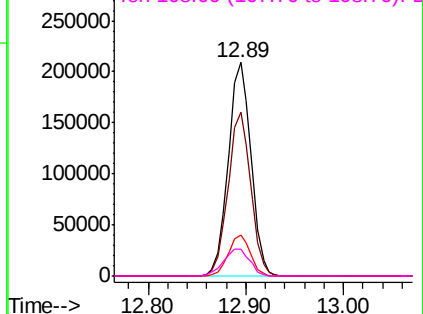
Abundance

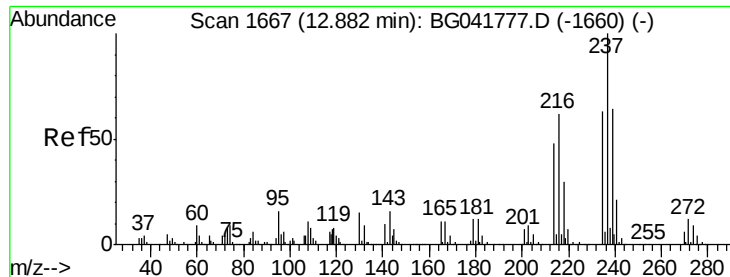
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 90.554 ng

RT: 12.88 min Scan# 1667

Delta R.T. 0.00 min

Lab File: BG041881.D

Acq: 2 Aug 2019 10:11

Instrument :

BNA_G

ClientSampleId :

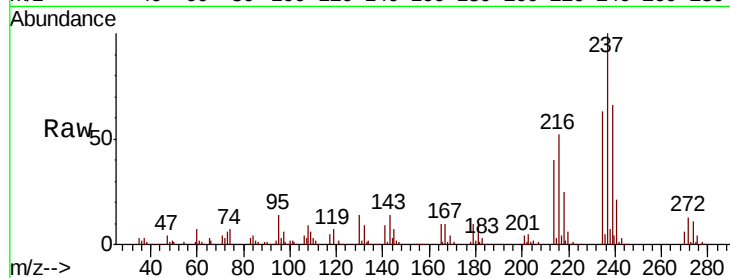
Tot Ion:237 Resp: 380373

Ion Ratio Lower Upper

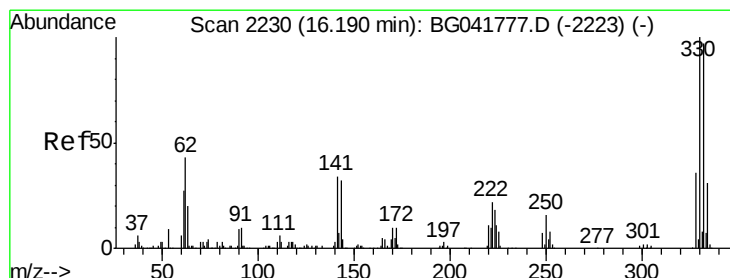
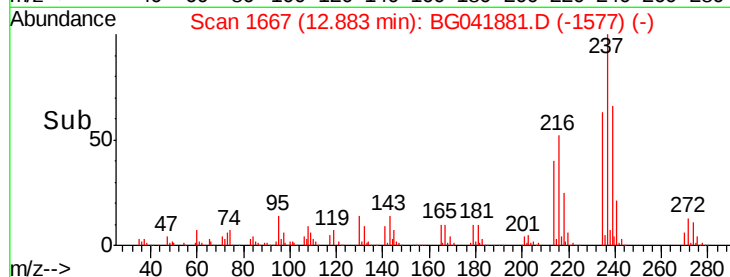
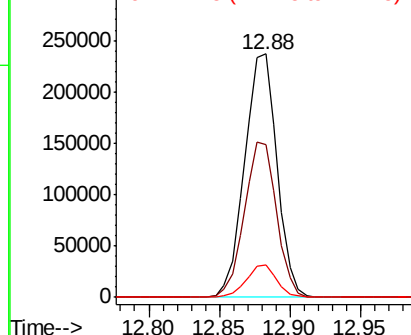
237 100

235 62.8 43.5 83.5

272 13.2 0.0 31.2



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



#42

2,4,6-Tribromophenol

Concen: 137.280 ng

RT: 16.19 min Scan# 2230

Delta R.T. 0.00 min

Lab File: BG041881.D

Acq: 2 Aug 2019 10:11

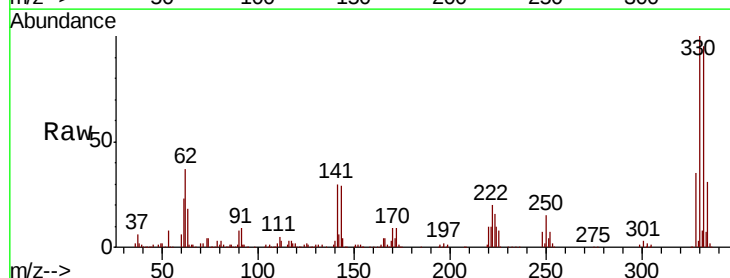
Tgt Ion:330 Resp: 368037

Ion Ratio Lower Upper

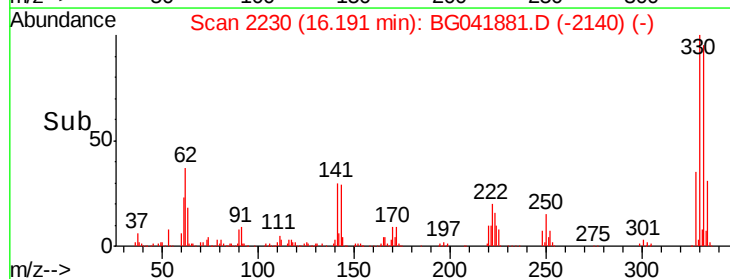
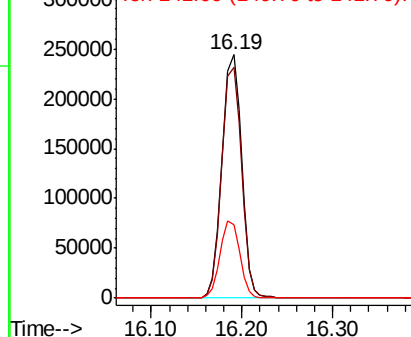
330 100

332 95.8 77.4 116.0

141 31.8 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

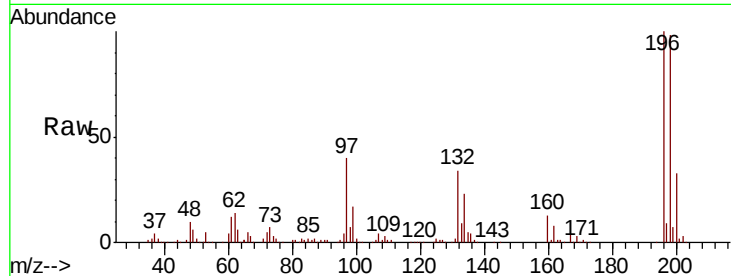




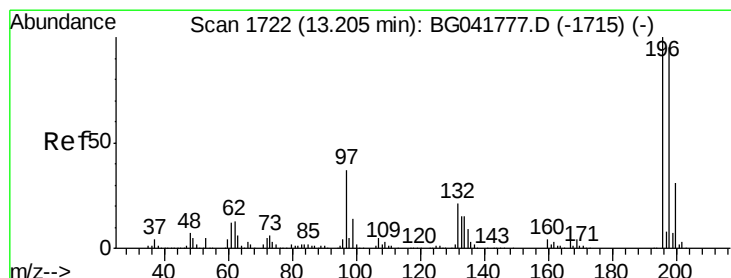
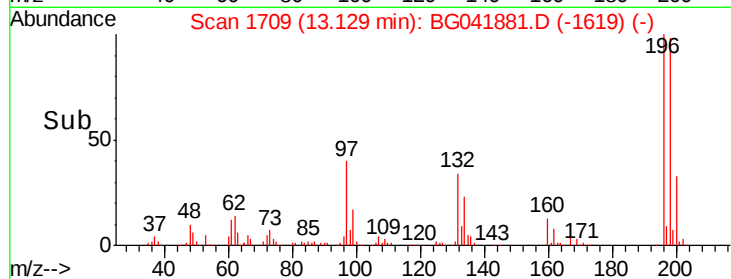
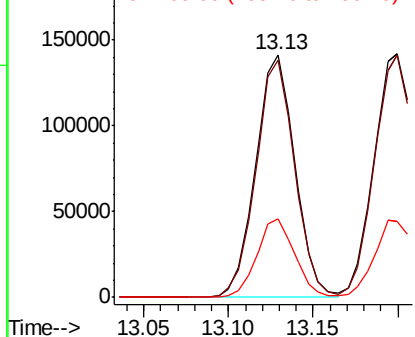
#43
 2,4,6-Trichlorophenol
 Concen: 48.021 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. 0.00 min
 Lab File: BG041881.D
 Acq: 2 Aug 2019 10:11

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 226759
 Ion Ratio Lower Upper
 196 100
 198 97.7 79.6 119.4
 200 32.6 25.2 37.8

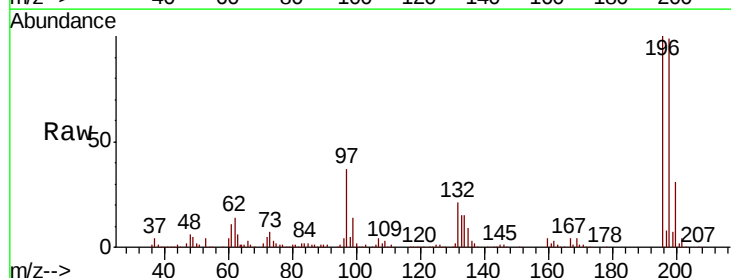


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

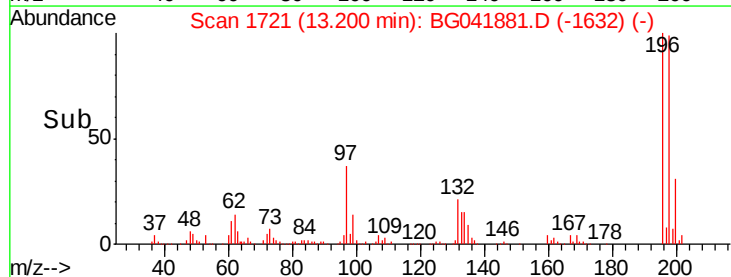
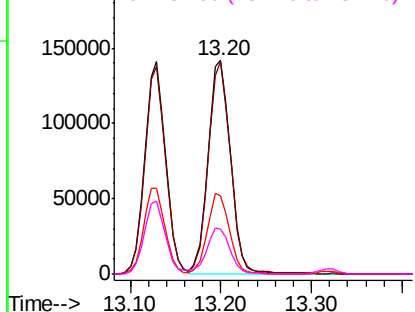


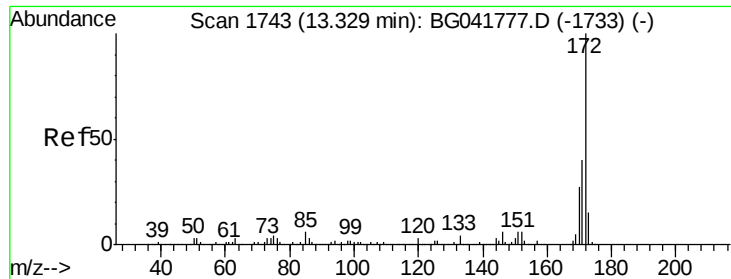
#44
 2,4,5-Trichlorophenol
 Concen: 49.947 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.01 min
 Lab File: BG041881.D
 Acq: 2 Aug 2019 10:11

Tgt Ion:196 Resp: 245097
 Ion Ratio Lower Upper
 196 100
 198 99.3 80.6 121.0
 97 36.7 33.9 50.9
 132 21.1 20.2 30.2



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

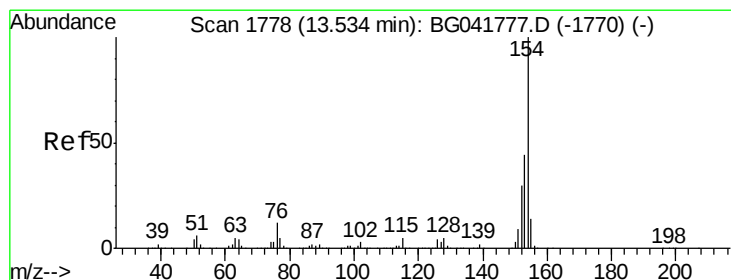
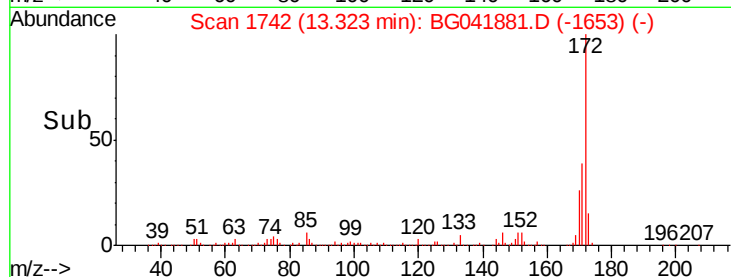
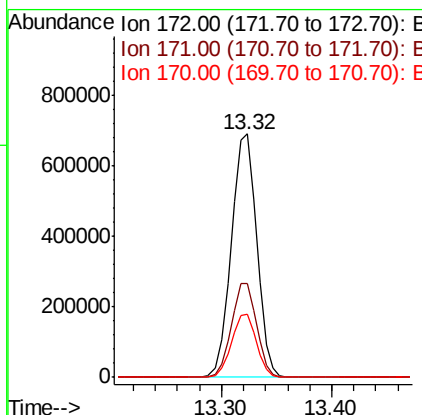
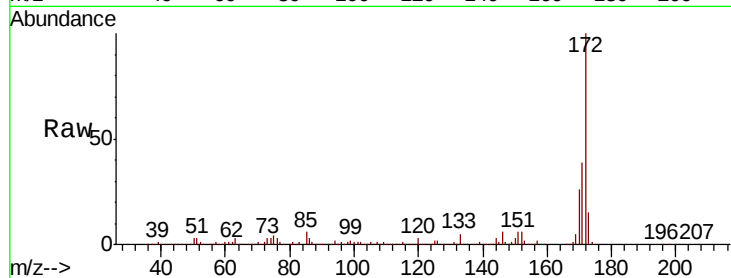




#45
 2-Fluorobiphenyl
 Concen: 83.865 ng
 RT: 13.32 min Scan# 1742
 Delta R.T. -0.01 min
 Lab File: BG041881.D
 Acq: 2 Aug 2019 10:11

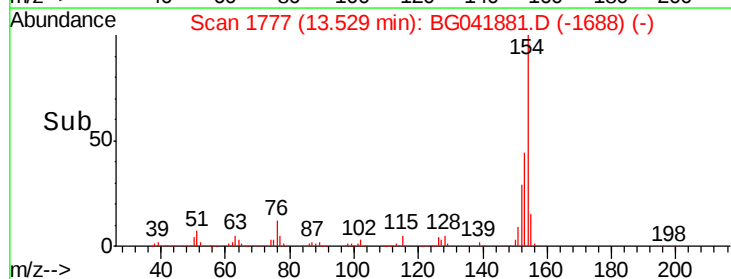
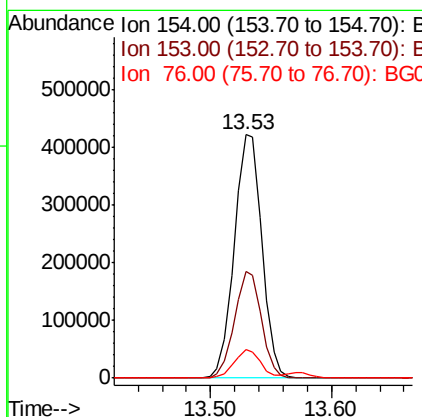
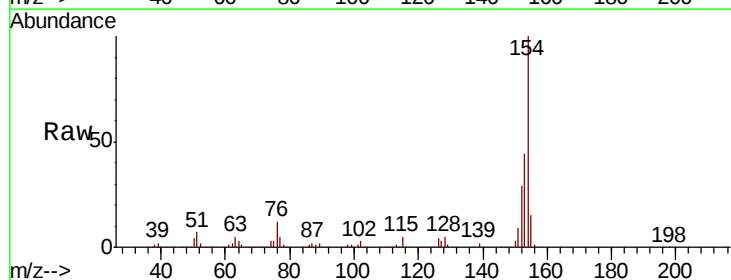
Instrument :
 BNA_G
 ClientSampleId :

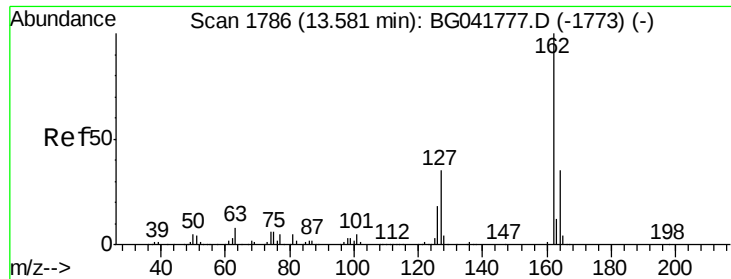
Tot Ion:172 Resp: 1122300
 Ion Ratio Lower Upper
 172 100
 171 38.8 35.0 52.4
 170 26.2 23.5 35.3



#46
 1,1'-Biphenyl
 Concen: 44.276 ng
 RT: 13.53 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BG041881.D
 Acq: 2 Aug 2019 10:11

Tgt Ion:154 Resp: 671770
 Ion Ratio Lower Upper
 154 100
 153 43.7 25.0 65.0
 76 11.6 0.0 34.5

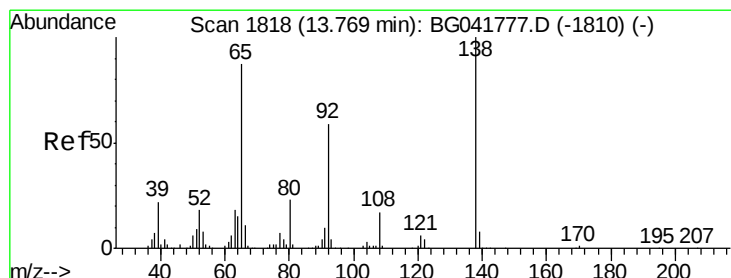
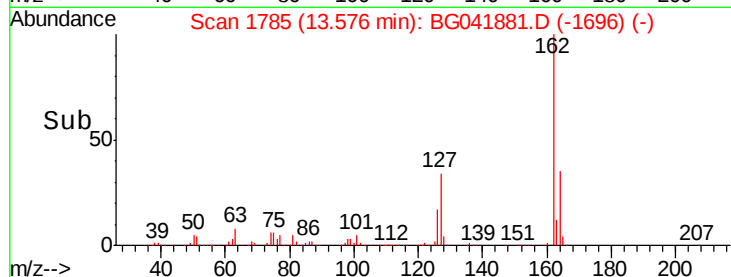
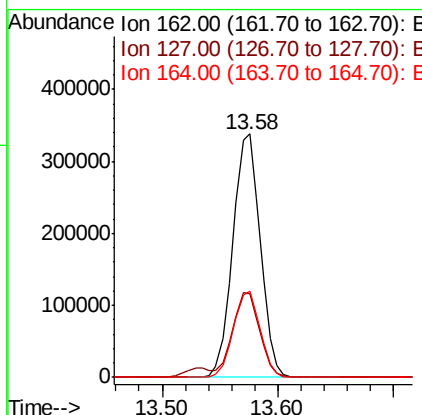
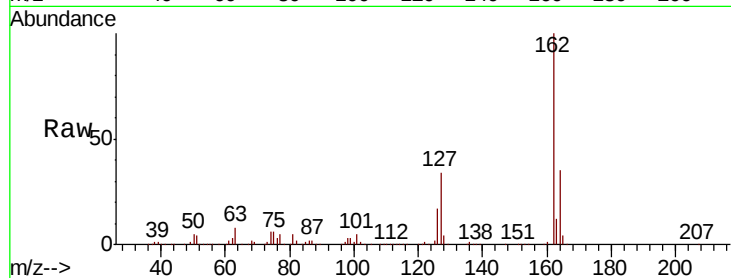




#47
2-Chloronaphthalene
Concen: 42.934 ng
RT: 13.58 min Scan# 1785
Delta R.T. -0.01 min
Lab File: BG041881.D
Acq: 2 Aug 2019 10:11

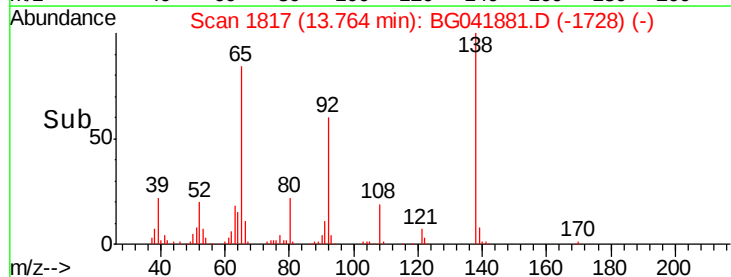
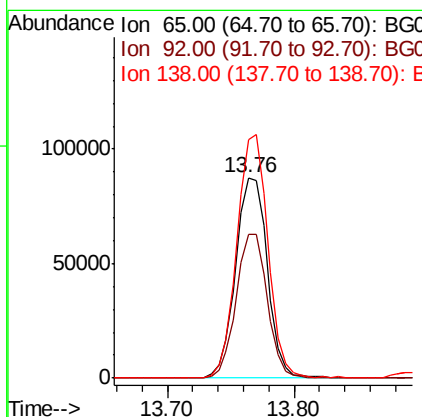
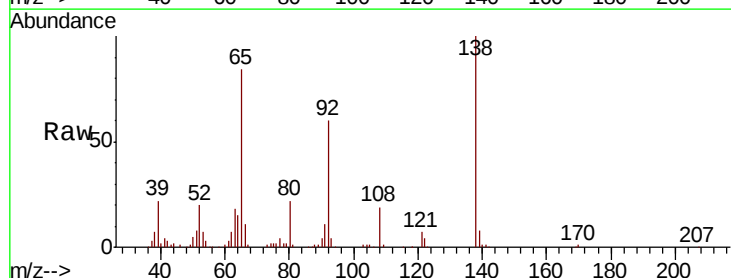
Instrument :
BNA_G
ClientSampled :

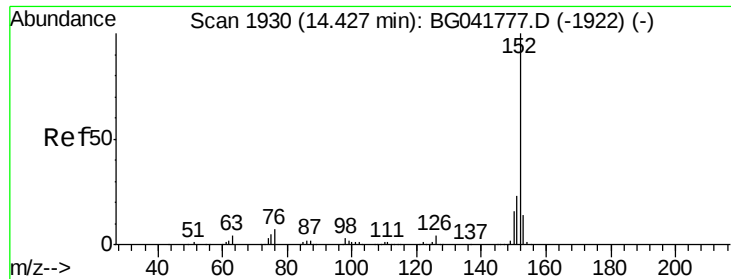
Tot Ion	Ratio	Lower	Upper
162	100		
127	34.3	30.4	45.6
164	35.3	28.6	42.8



#48
2-Nitroaniline
Concen: 46.277 ng
RT: 13.76 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BG041881.D
Acq: 2 Aug 2019 10:11

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.4	53.9	80.9
138	119.0	83.5	125.3





#49

Acenaphthylene

Concen: 44.522 ng

RT: 14.42 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BG041881.D

Acq: 2 Aug 2019 10:11

Instrument :

BNA_G

ClientSampleId :

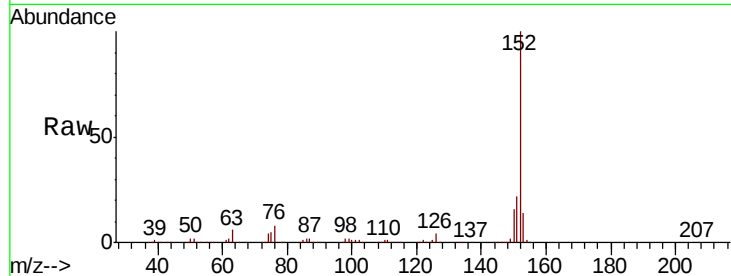
Tot Ion:152 Resp: 860280

Ion Ratio Lower Upper

152 100

151 22.2 18.7 28.1

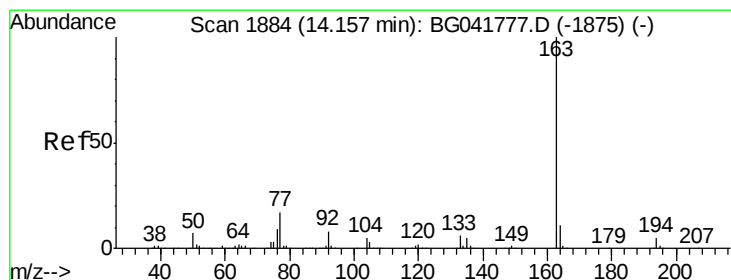
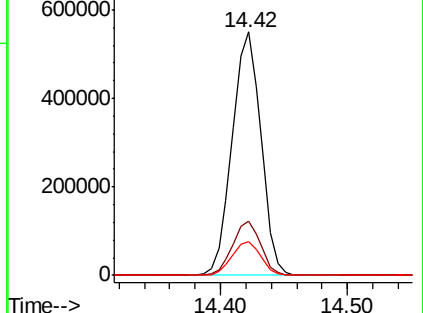
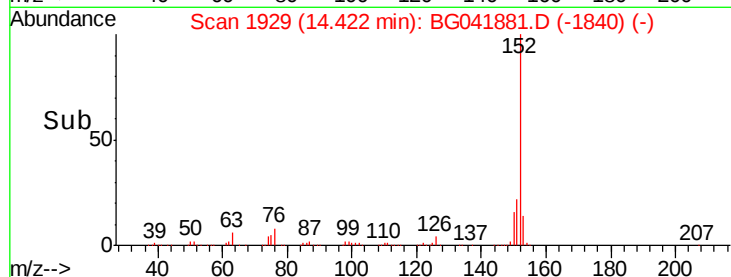
153 13.9 12.4 18.6



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: 43.598 ng

RT: 14.15 min Scan# 1883

Delta R.T. -0.01 min

Lab File: BG041881.D

Acq: 2 Aug 2019 10:11

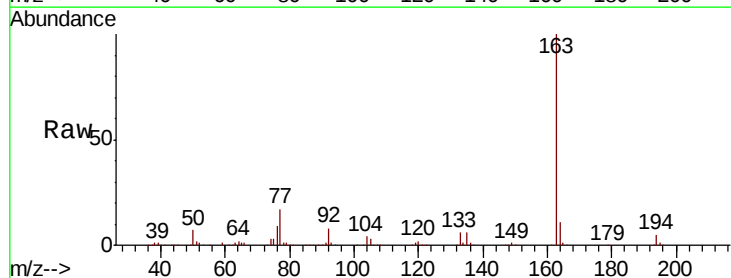
Tgt Ion:163 Resp: 702777

Ion Ratio Lower Upper

163 100

194 5.3 4.2 6.2

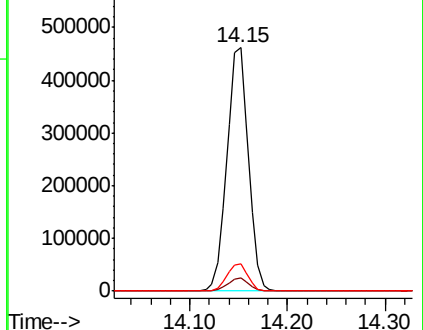
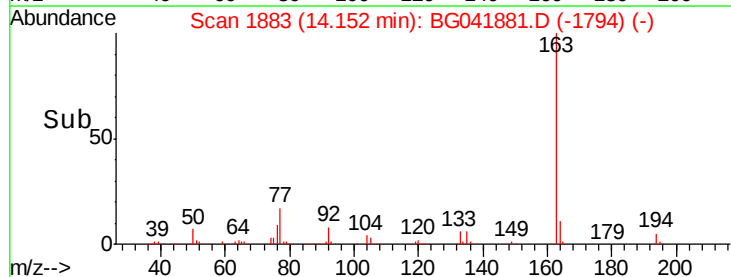
164 11.2 9.4 14.2

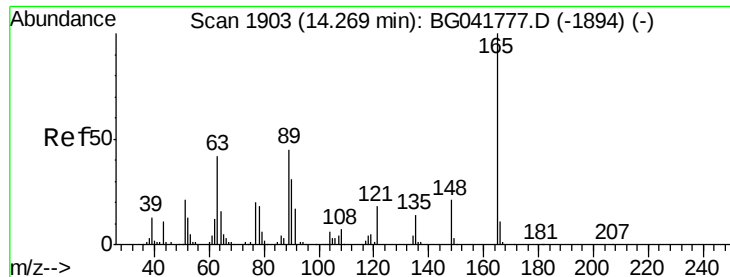


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

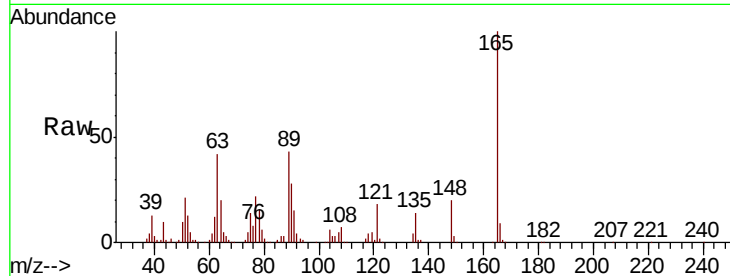




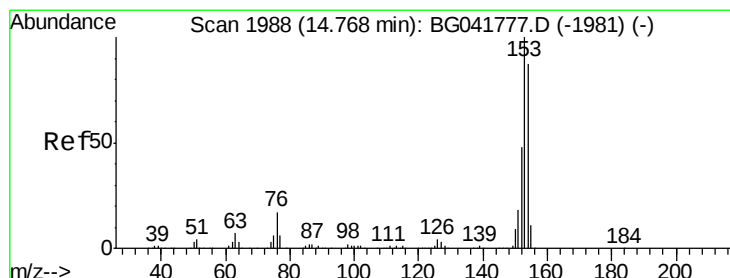
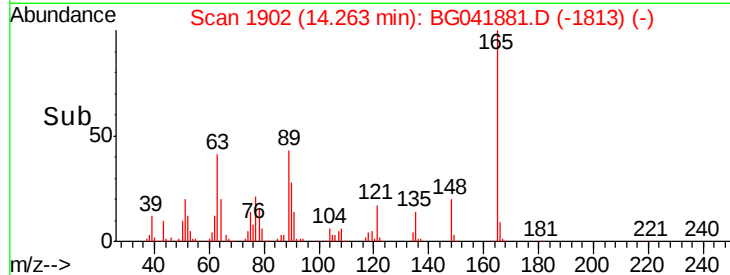
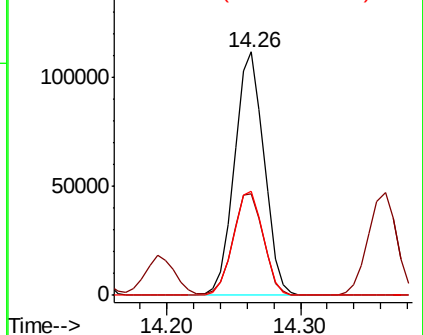
#51
 2,6-Dinitrotoluene
 Concen: 50.891 ng
 RT: 14.26 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: BG041881.D
 Acq: 2 Aug 2019 10:11

Instrument :
 BNA_G
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
165	100		
63	41.8	42.4	63.6#
89	42.9	42.1	63.1

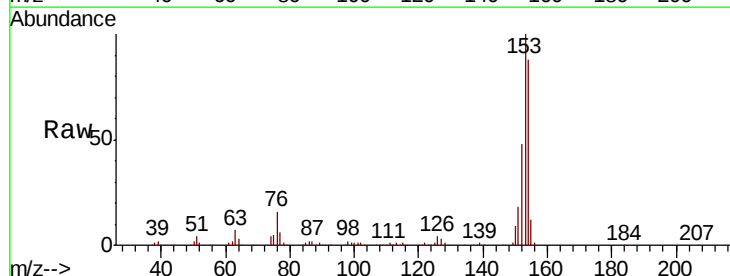


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

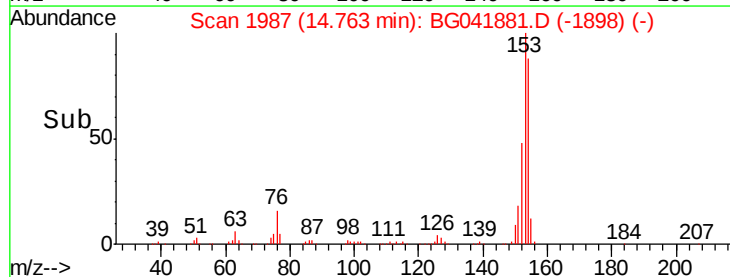
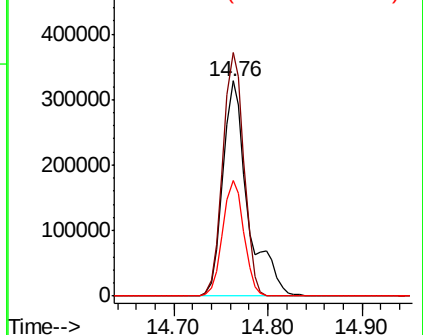


#52
 Acenaphthene
 Concen: 48.741 ng
 RT: 14.76 min Scan# 1987
 Delta R.T. -0.01 min
 Lab File: BG041881.D
 Acq: 2 Aug 2019 10:11

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.0	89.8	134.6
152	53.9	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: 32.288 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BG041881.D

Acq: 2 Aug 2019 10:11

Instrument :

BNA_G

ClientSampled :

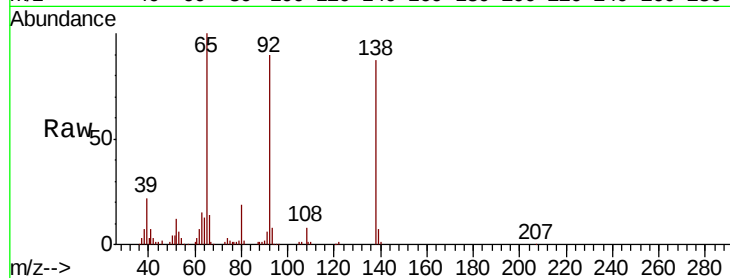
Tot Ion:138 Resp: 116430

Ion Ratio Lower Upper

138 100

108 9.7 10.3 15.5#

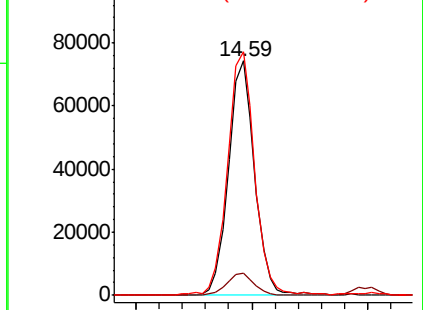
92 103.9 93.0 139.4



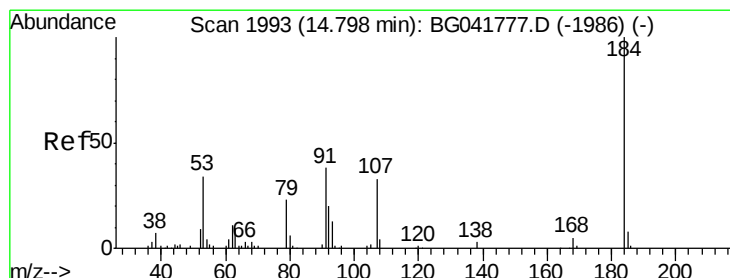
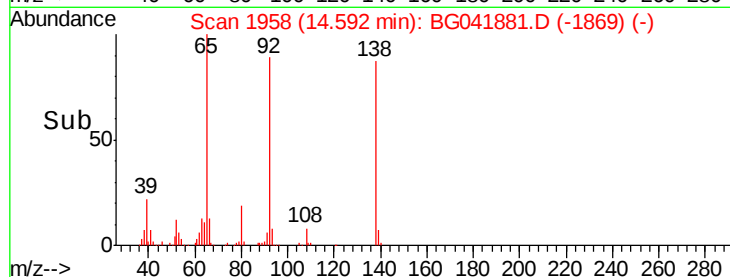
Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



Time-->



#54

2,4-Dinitrophenol

Concen: 93.259 ng

RT: 14.80 min Scan# 1993

Delta R.T. 0.00 min

Lab File: BG041881.D

Acq: 2 Aug 2019 10:11

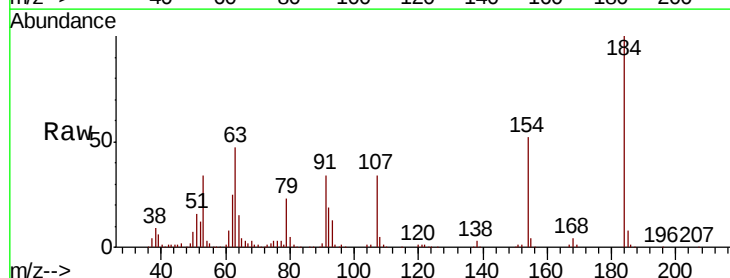
Tgt Ion:184 Resp: 202507

Ion Ratio Lower Upper

184 100

63 46.6 43.2 64.8

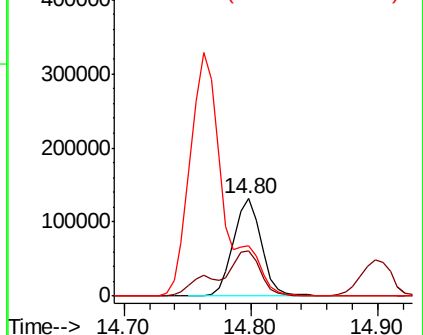
154 52.0 51.4 77.2



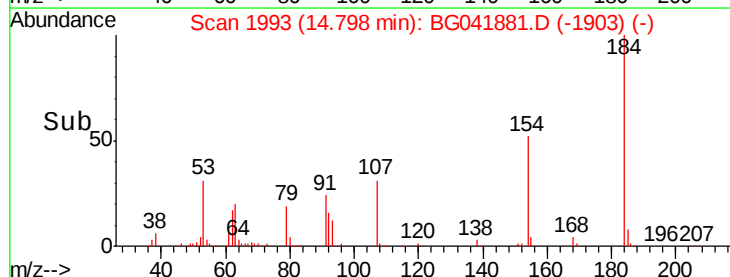
Abundance Ion 184.00 (183.70 to 184.70): E

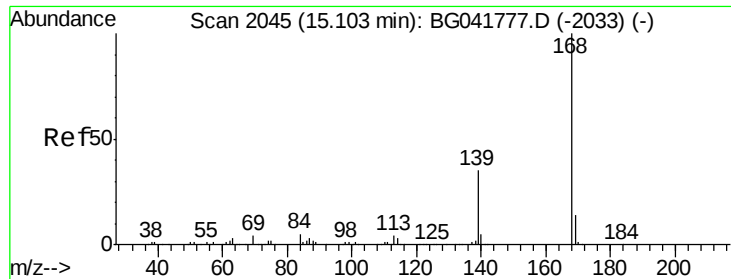
Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E



Time-->

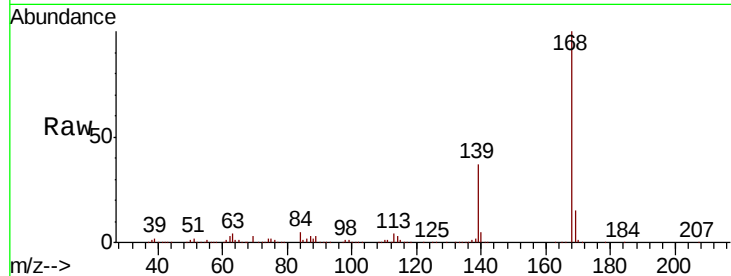




#55
Dibenzenofuran
Concen: 44.384 ng
RT: 15.10 min Scan# 2044
Delta R.T. -0.01 min
Lab File: BG041881.D
Acq: 2 Aug 2019 10:11

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.3	31.9	47.9
169	15.0	12.5	18.7

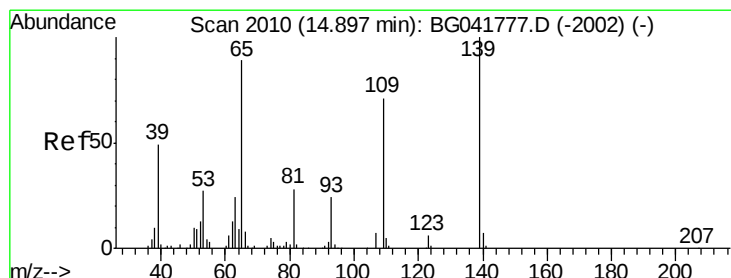
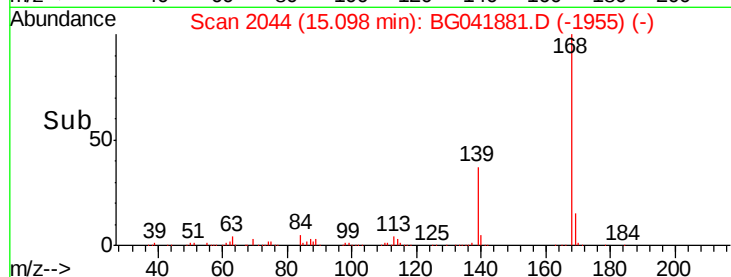
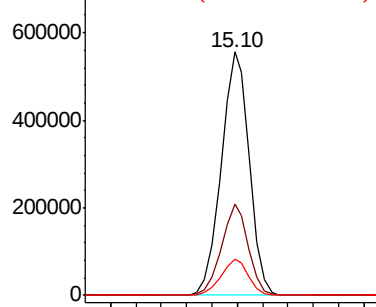


Abundance

Ion 168.00 (167.70 to 168.70): E

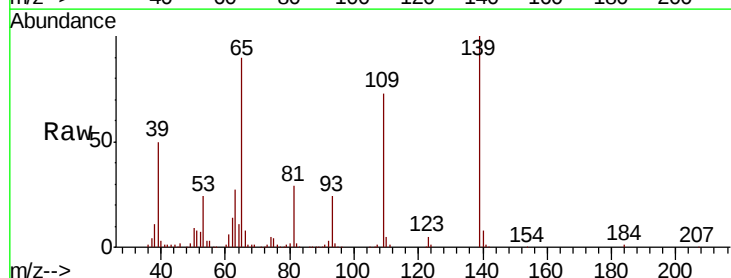
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 112.820 ng
RT: 14.90 min Scan# 2010
Delta R.T. 0.00 min
Lab File: BG041881.D
Acq: 2 Aug 2019 10:11

Tgt Ion	Ratio	Lower	Upper
139	100		
109	72.5	51.3	91.3
65	89.5	77.6	117.6

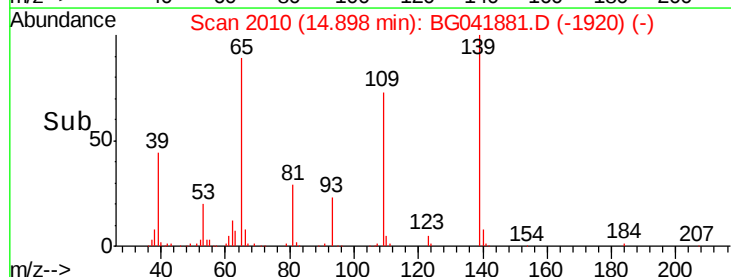
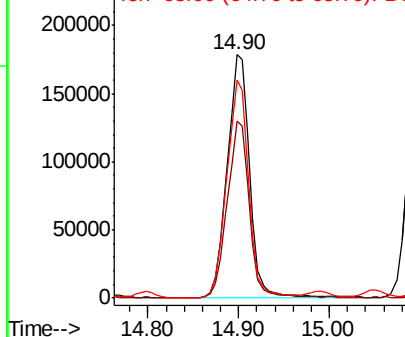


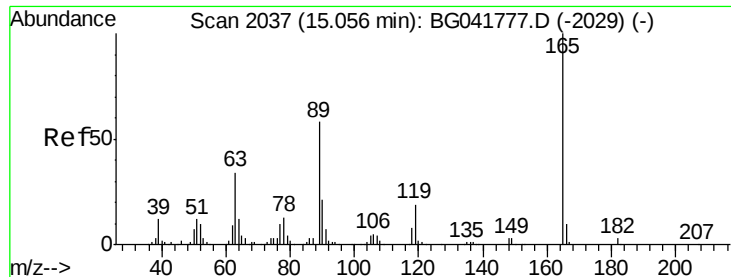
Abundance

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

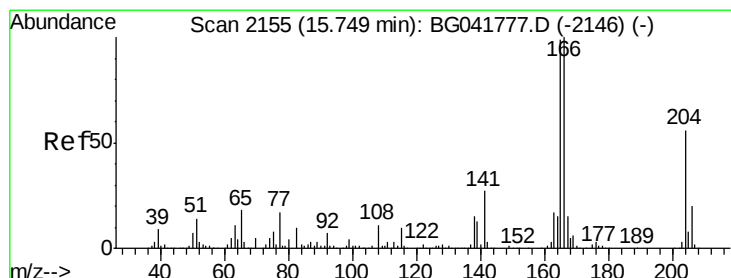
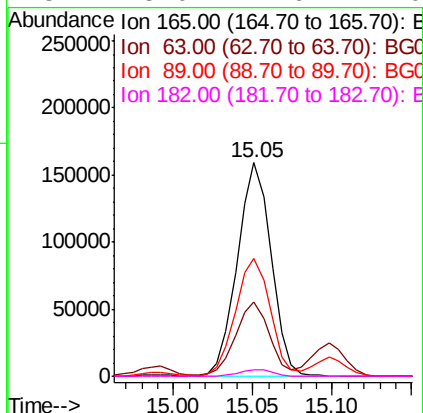
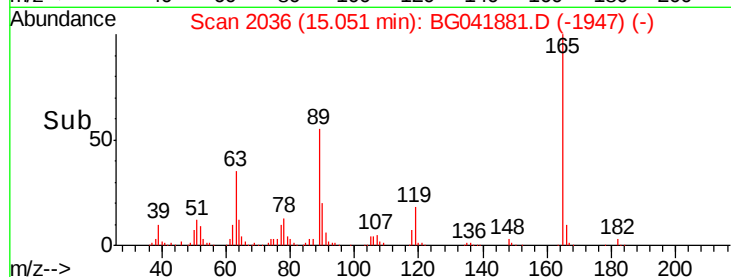
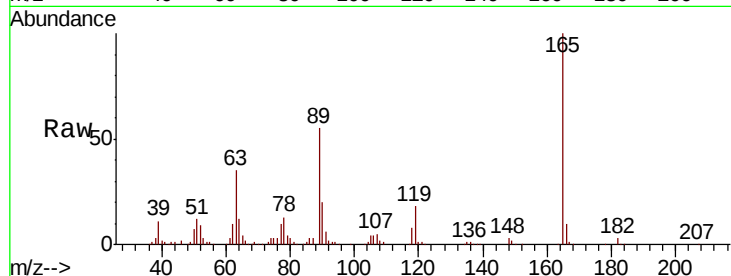




#57
2,4-Dinitrotoluene
Concen: 50.879 ng
RT: 15.05 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BG041881.D
Acq: 2 Aug 2019 10:11

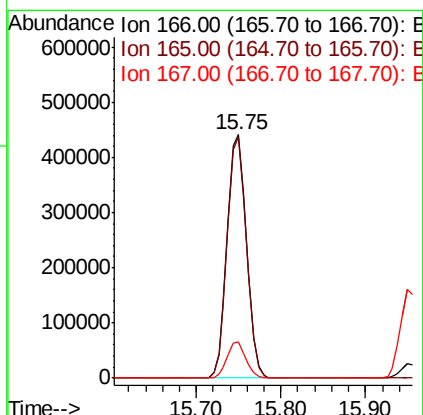
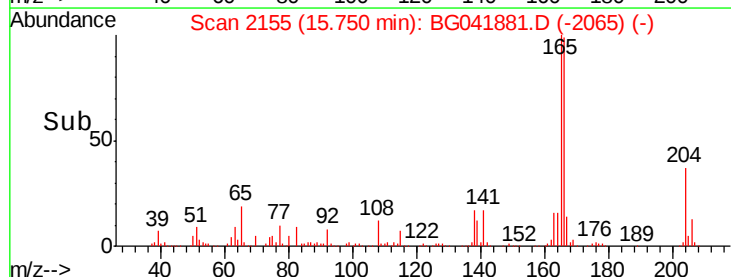
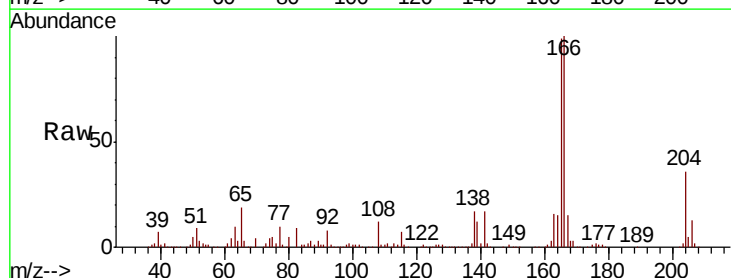
Instrument :
BNA_G
ClientSampled :

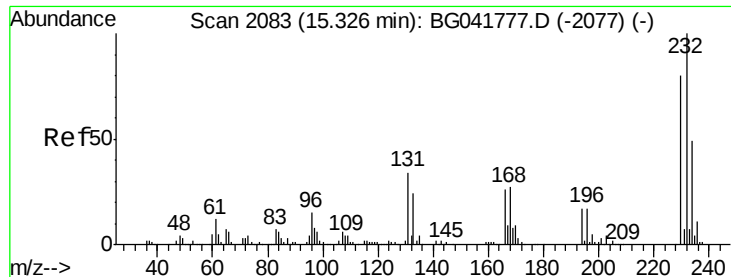
Tot Ion:	165	Resp:	235842
Ion	Ratio	Lower	Upper
165	100		
63	34.9	31.7	47.5
89	55.2	50.2	75.4
182	3.0	2.6	4.0



#58
Fluorene
Concen: 44.943 ng
RT: 15.75 min Scan# 2155
Delta R.T. 0.00 min
Lab File: BG041881.D
Acq: 2 Aug 2019 10:11

Tgt Ion:	166	Resp:	693304
Ion	Ratio	Lower	Upper
166	100		
165	99.2	80.5	120.7
167	14.6	12.4	18.6

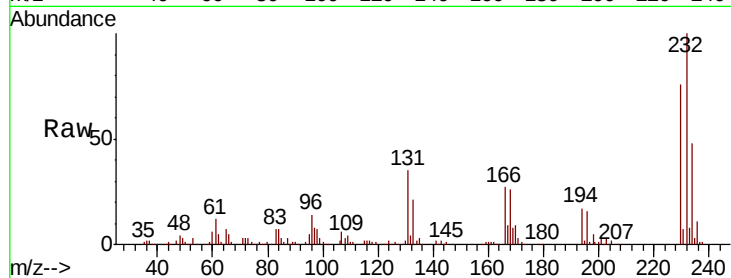




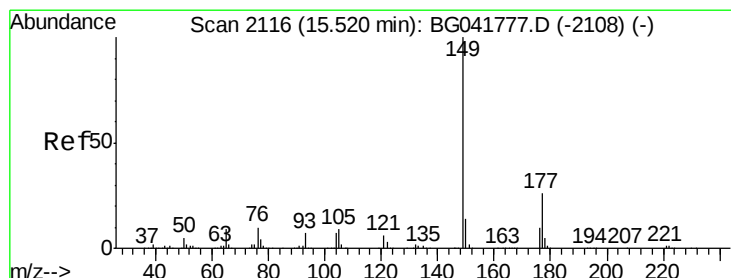
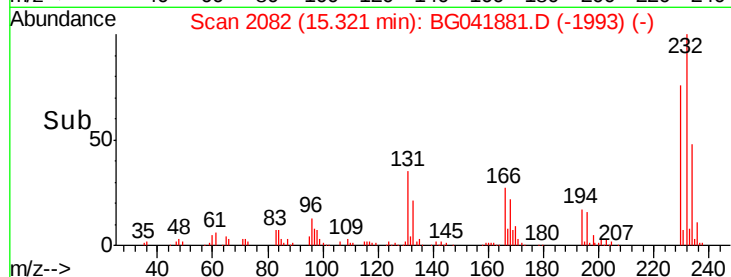
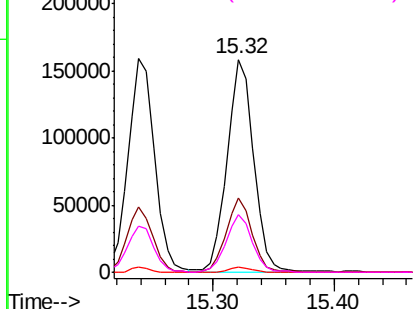
#59
2,3,4,6-Tetrachlorophenol
Concen: 49.682 ng
RT: 15.32 min Scan# 2082
Delta R.T. -0.01 min
Lab File: BG041881.D
Acq: 2 Aug 2019 10:11

Instrument :
BNA_G
ClientSampled :

Tot Ion:	232	Resp:	241459
Ion	Ratio	Lower	Upper
232	100		
131	33.8	31.8	47.6
130	1.9	1.8	2.8
166	26.6	23.5	35.3

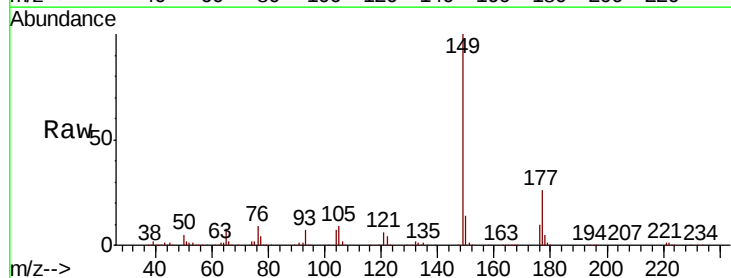


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

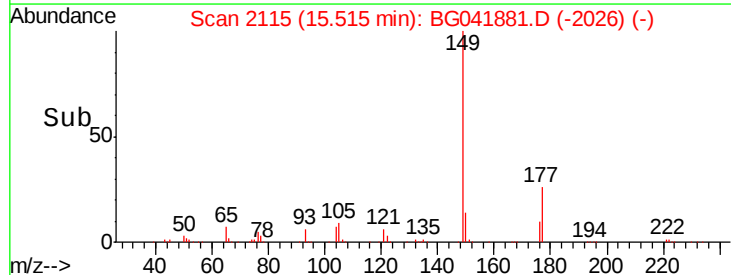
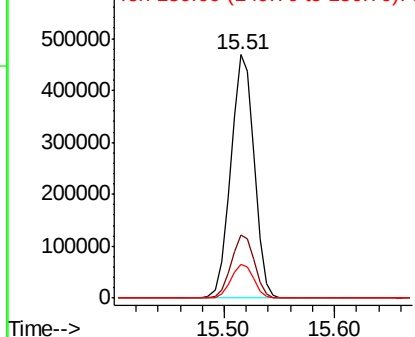


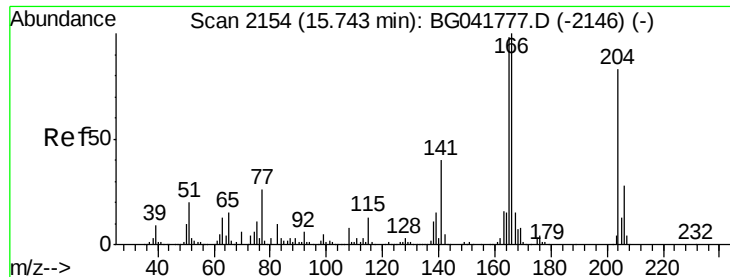
#60
Diethylphthalate
Concen: 43.933 ng
RT: 15.51 min Scan# 2115
Delta R.T. -0.01 min
Lab File: BG041881.D
Acq: 2 Aug 2019 10:11

Tgt Ion:	149	Resp:	695258
Ion	Ratio	Lower	Upper
149	100		
177	26.1	20.7	31.1
150	13.9	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

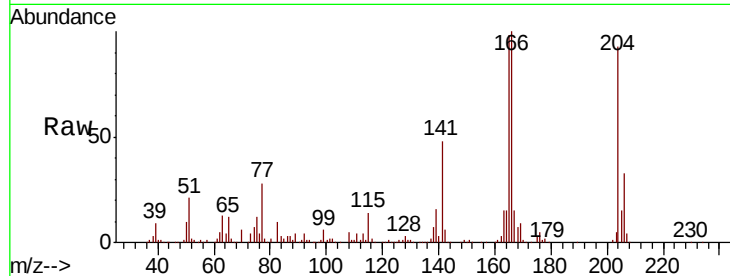




#61
 4-Chlorophenyl-phenylether
 Concen: 43.463 ng
 RT: 15.74 min Scan# 2153
 Delta R.T. -0.01 min
 Lab File: BG041881.D
 Acq: 2 Aug 2019 10:11

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.0	28.6	42.8
141	51.0	42.9	64.3

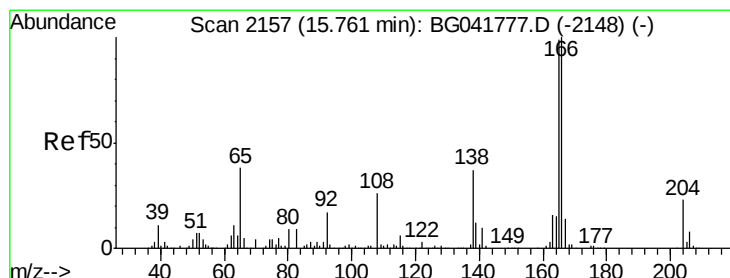
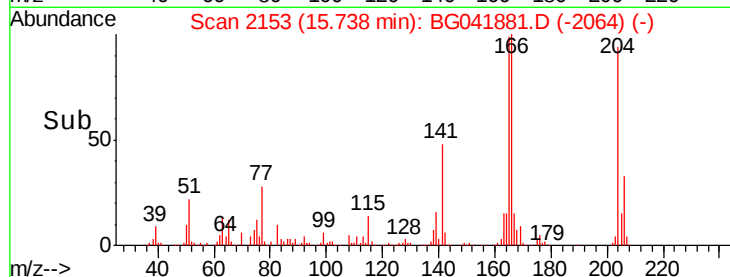
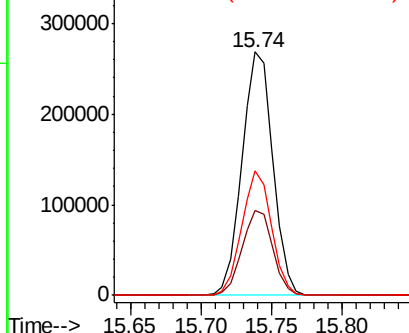


Abundance

Ion 204.00 (203.70 to 204.70): E

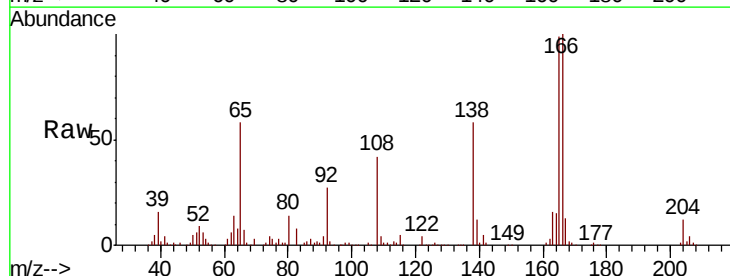
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
 4-Nitroaniline
 Concen: 45.158 ng
 RT: 15.76 min Scan# 2157
 Delta R.T. 0.00 min
 Lab File: BG041881.D
 Acq: 2 Aug 2019 10:11

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.1	29.8	69.8
108	72.8	52.2	92.2

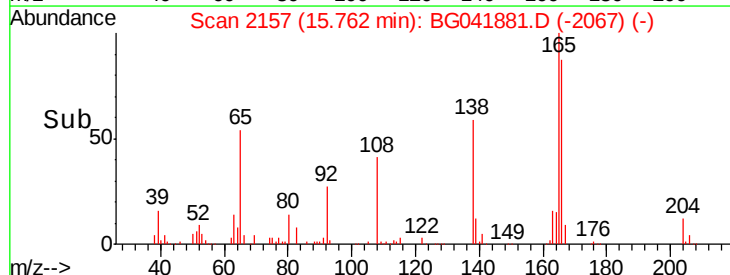
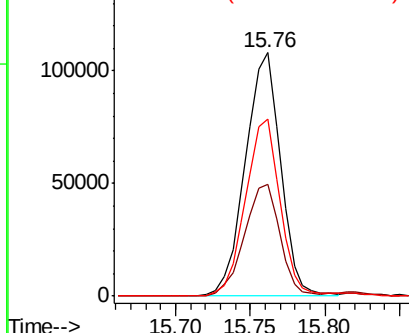


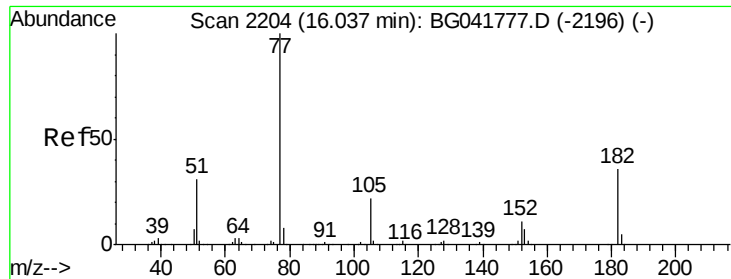
Abundance

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

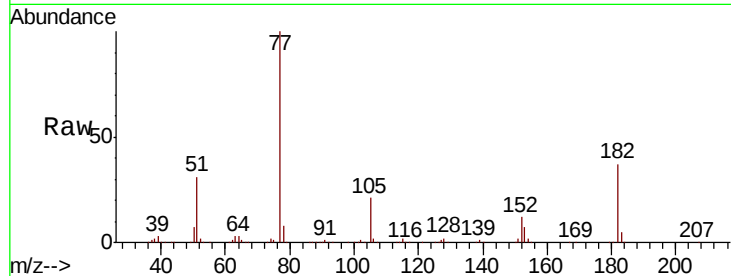




#63
Azobenzene
Concen: 42.954 ng
RT: 16.03 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BG041881.D
Acq: 2 Aug 2019 10:11

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
77	100		
182	37.1	13.2	53.2
105	21.5	2.2	42.2
51	31.3	14.6	54.6



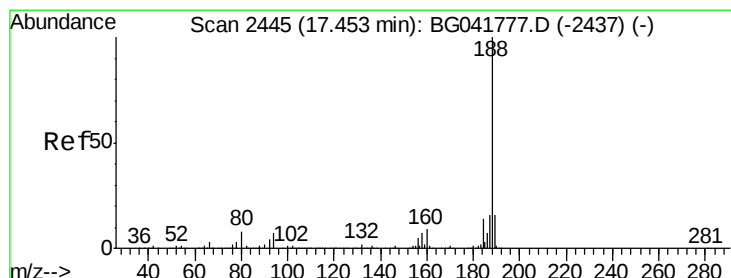
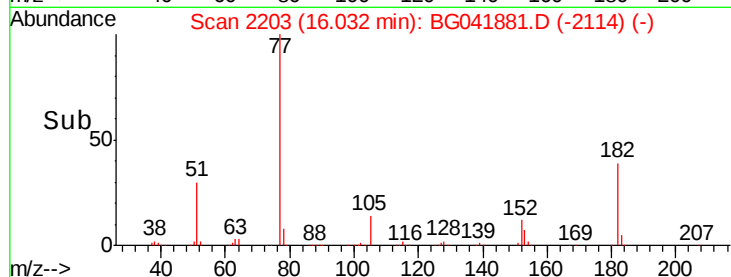
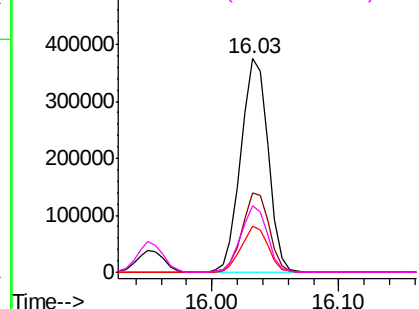
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

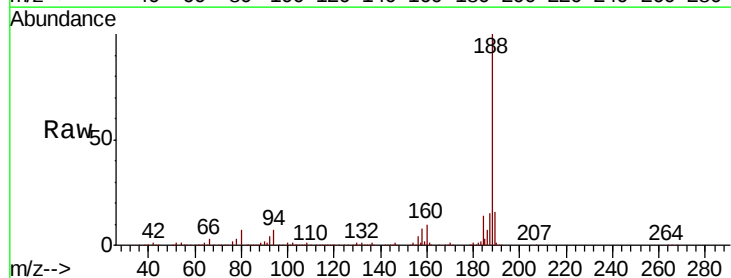
Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2444
Delta R.T. -0.01 min
Lab File: BG041881.D
Acq: 2 Aug 2019 10:11

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.7	6.9	10.3#
80	7.4	8.0	12.0#

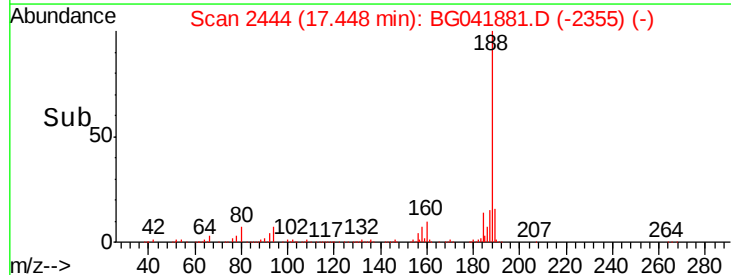
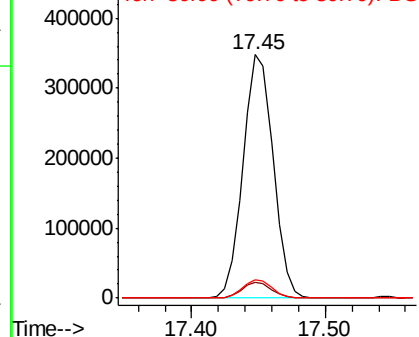


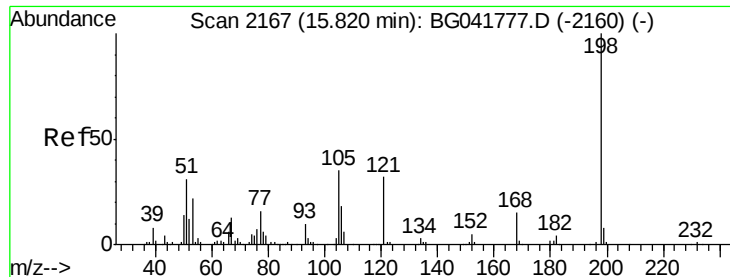
Abundance

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

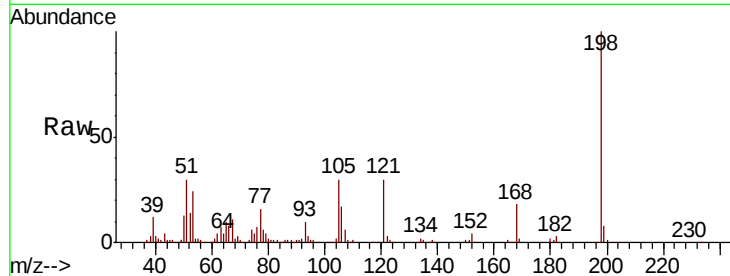




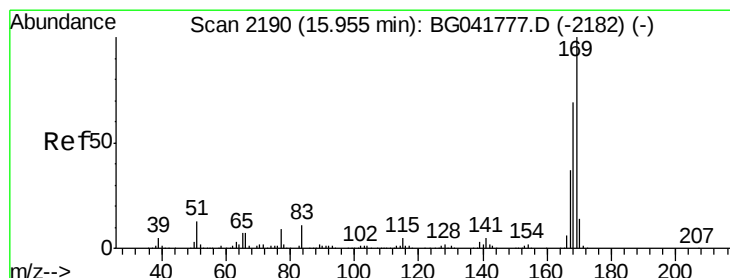
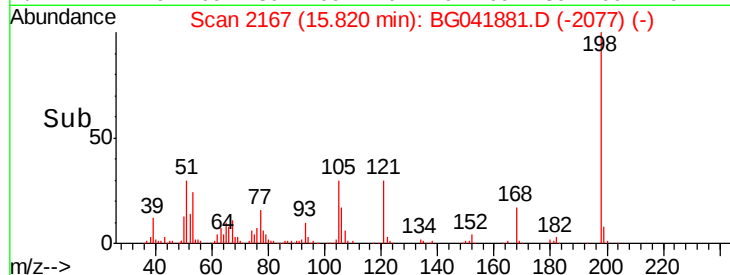
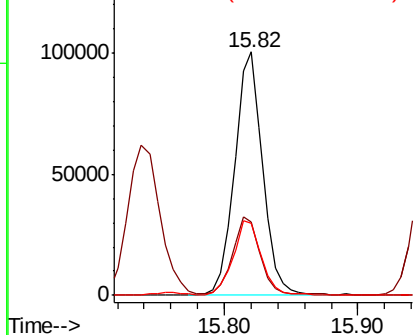
#65
4,6-Dinitro-2-methylphenol
Concen: 54.272 ng
RT: 15.82 min Scan# 2167
Delta R.T. 0.00 min
Lab File: BG041881.D
Acq: 2 Aug 2019 10:11

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
198	100		
51	30.4	22.3	62.3
105	29.8	18.0	58.0

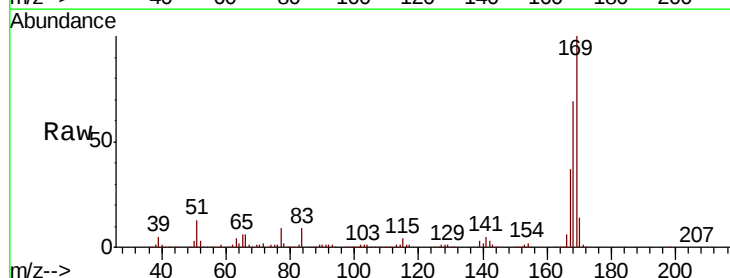


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

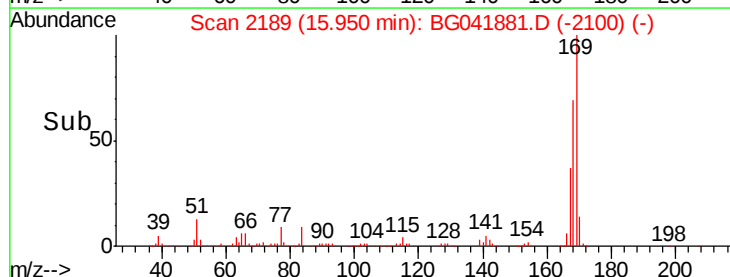
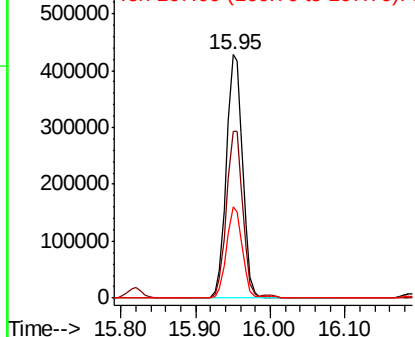


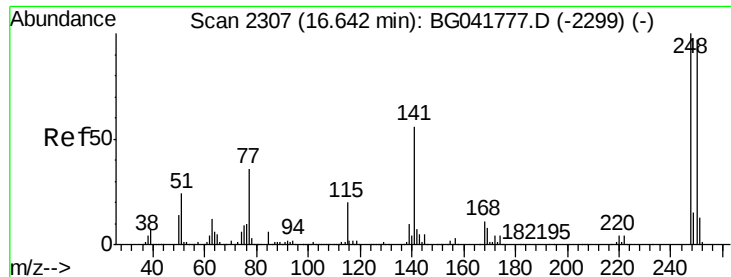
#66
n-Nitrosodiphenylamine
Concen: 44.203 ng
RT: 15.95 min Scan# 2189
Delta R.T. -0.01 min
Lab File: BG041881.D
Acq: 2 Aug 2019 10:11

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.8	56.9	85.3
167	37.3	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

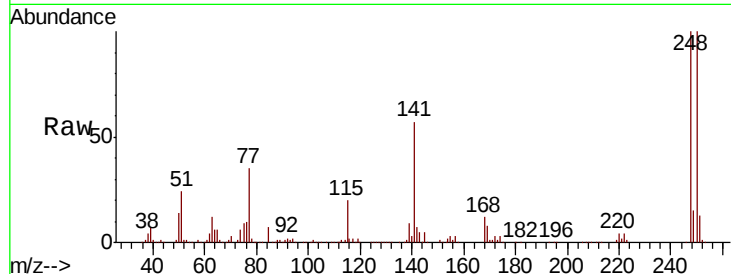




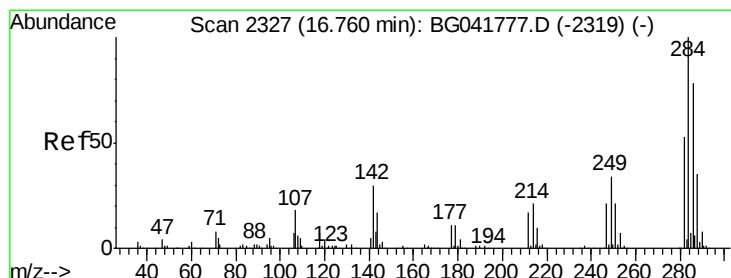
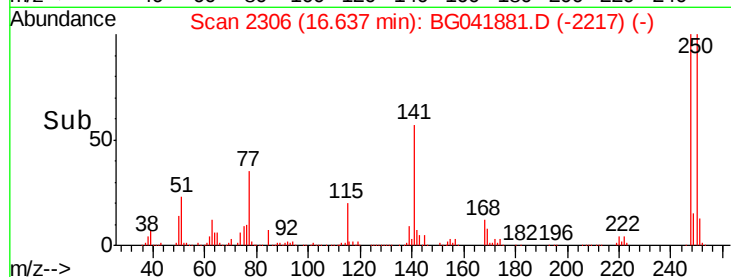
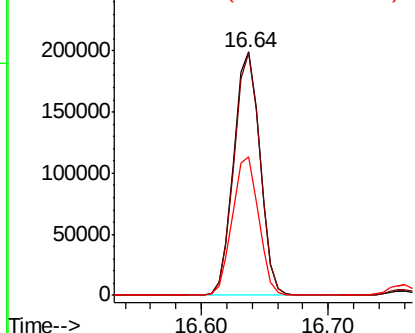
#67
 4-Bromophenyl-phenylether
 Concen: 42.612 ng
 RT: 16.64 min Scan# 2306
 Delta R.T. -0.01 min
 Lab File: BG041881.D
 Acq: 2 Aug 2019 10:11

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 283886
 Ion Ratio Lower Upper
 248 100
 250 99.6 78.1 117.1
 141 56.9 49.6 74.4

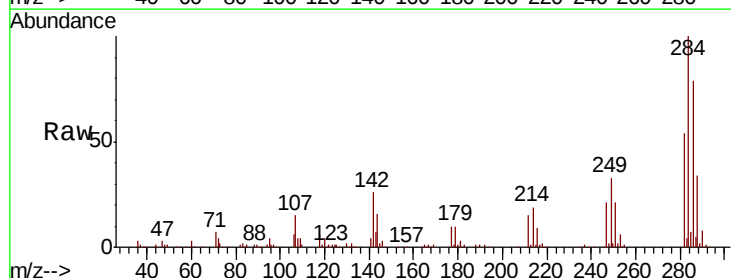


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

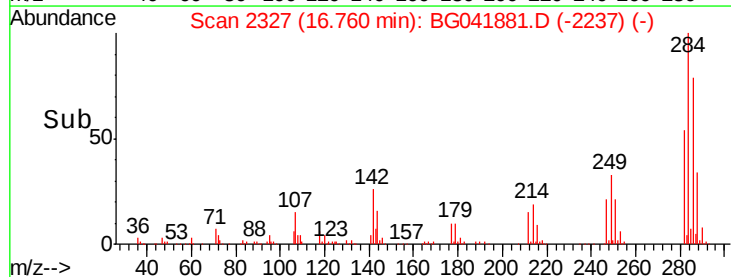
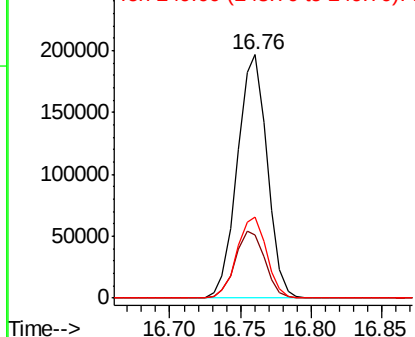


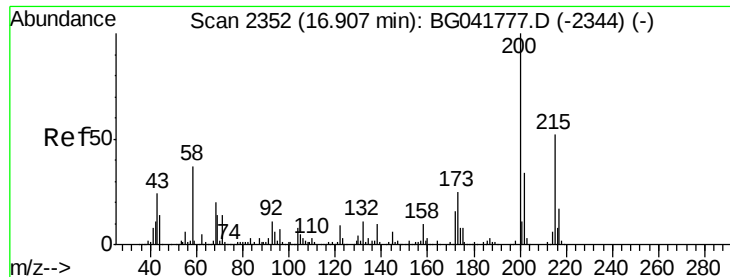
#68
 Hexachlorobenzene
 Concen: 41.533 ng
 RT: 16.76 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: BG041881.D
 Acq: 2 Aug 2019 10:11

Tgt Ion:284 Resp: 289478
 Ion Ratio Lower Upper
 284 100
 142 26.1 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

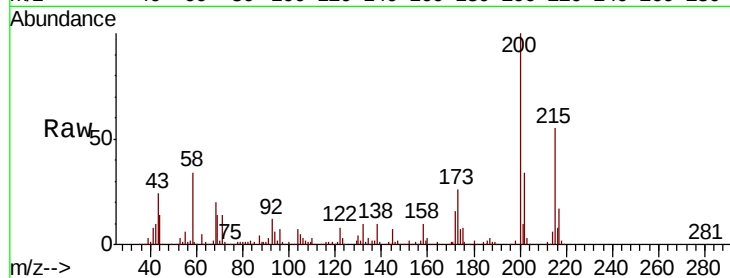




#69
Atrazine
Concen: 43.940 ng
RT: 16.90 min Scan# 2351
Delta R.T. -0.01 min
Lab File: BG041881.D
Acq: 2 Aug 2019 10:11

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.5	5.3	45.3
215	55.0	31.8	71.8

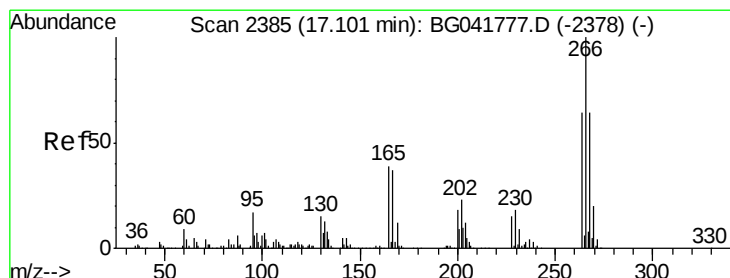
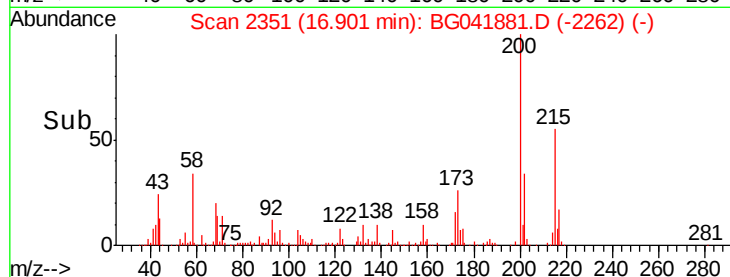
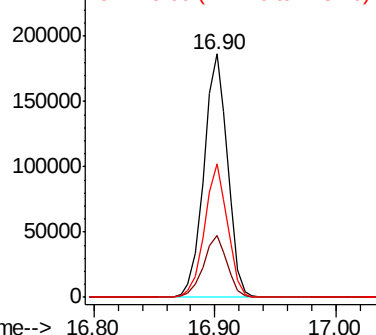


Abundance

Ion 200.00 (199.70 to 200.70): E

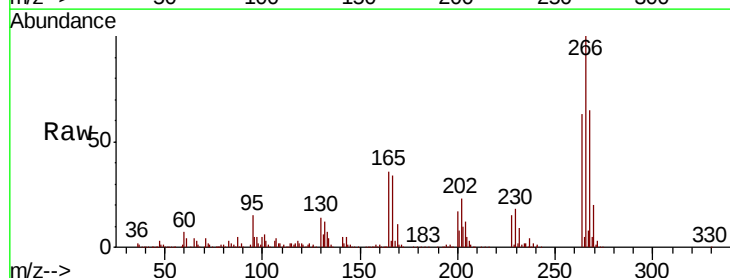
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 103.703 ng
RT: 17.10 min Scan# 2385
Delta R.T. 0.00 min
Lab File: BG041881.D
Acq: 2 Aug 2019 10:11

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.6	52.9	79.3
264	63.0	51.4	77.2

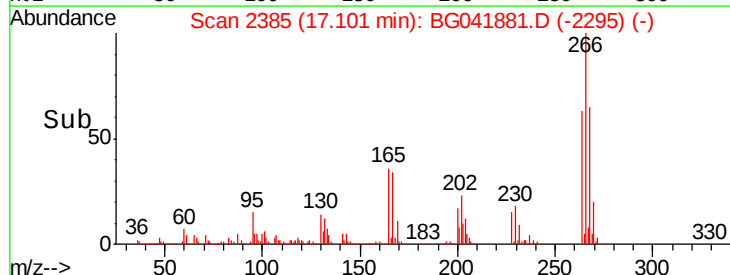
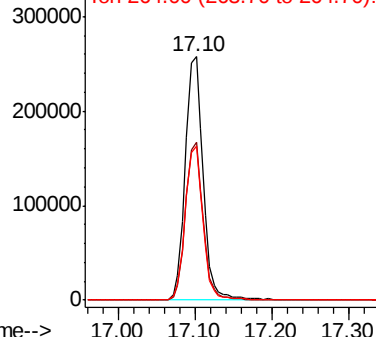


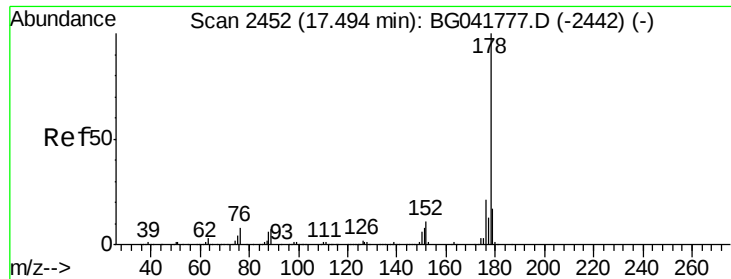
Abundance

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

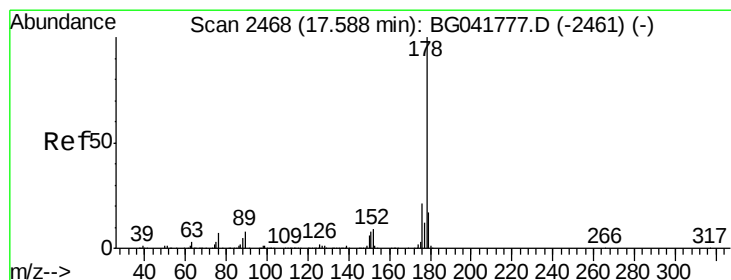
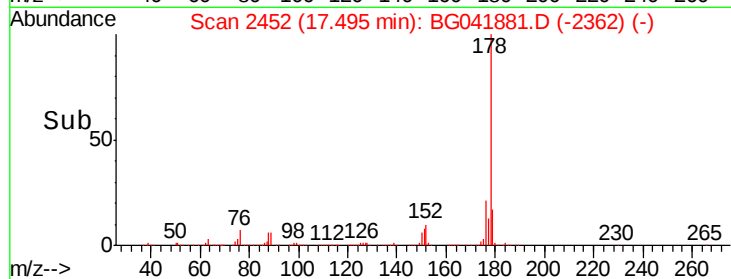
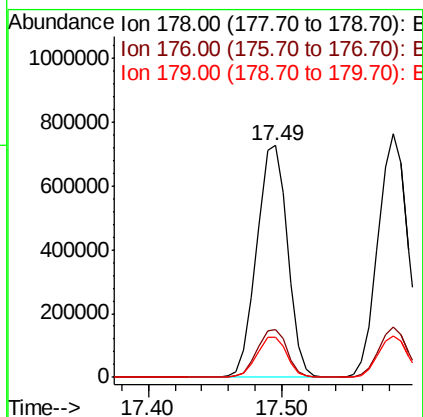
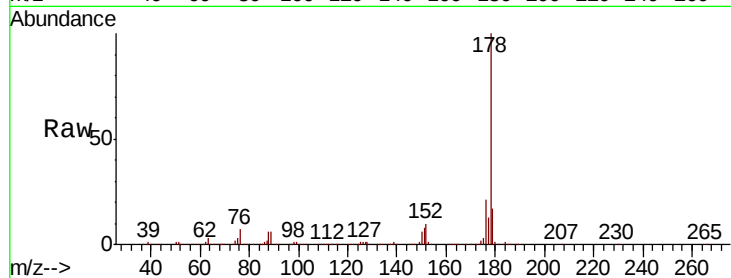




#71
Phenanthrene
Concen: 44.672 ng
RT: 17.49 min Scan# 2452
Delta R.T. 0.00 min
Lab File: BG041881.D
Acq: 2 Aug 2019 10:11

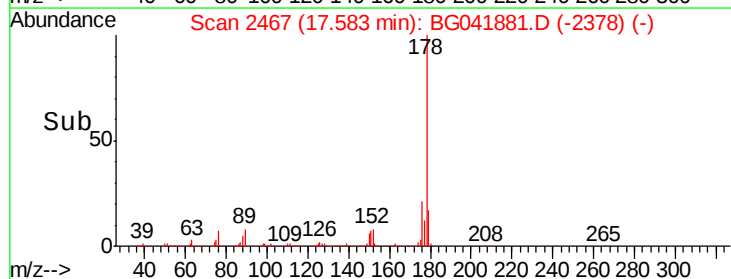
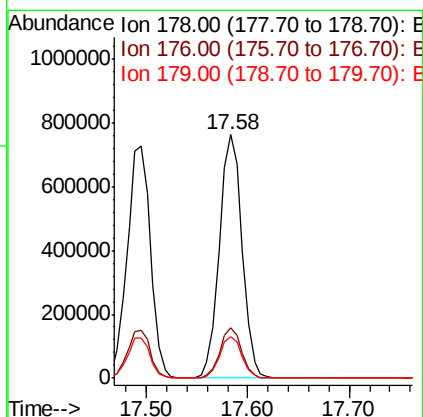
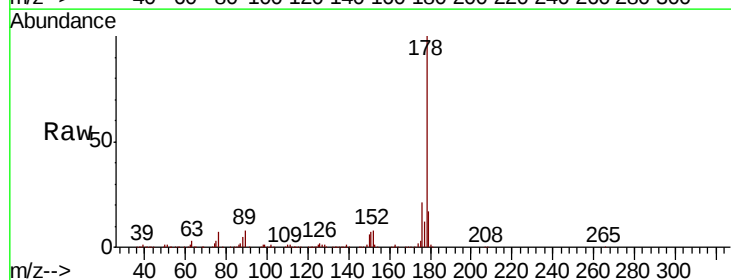
Instrument :
BNA_G
ClientSampled :

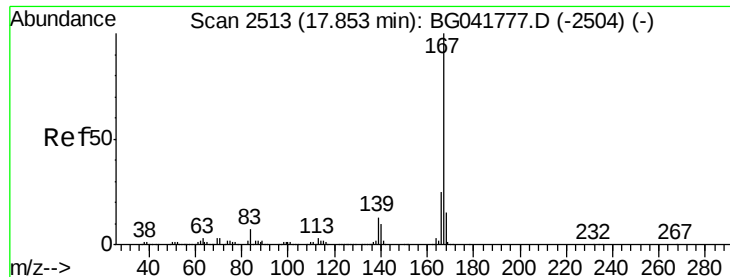
Tot Ion:178 Resp: 1158091
Ion Ratio Lower Upper
178 100
176 20.7 18.6 28.0
179 17.1 15.4 23.0



#72
Anthracene
Concen: 45.778 ng
RT: 17.58 min Scan# 2467
Delta R.T. -0.01 min
Lab File: BG041881.D
Acq: 2 Aug 2019 10:11

Tgt Ion:178 Resp: 1183596
Ion Ratio Lower Upper
178 100
176 20.6 18.6 28.0
179 17.1 15.1 22.7



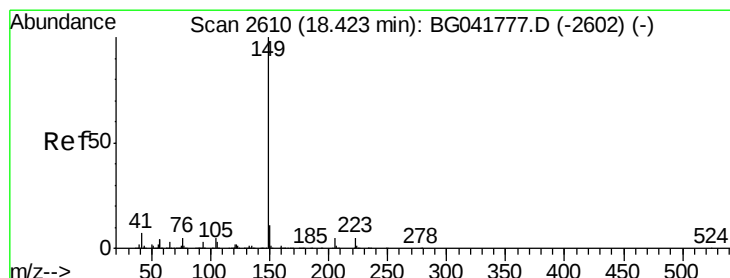
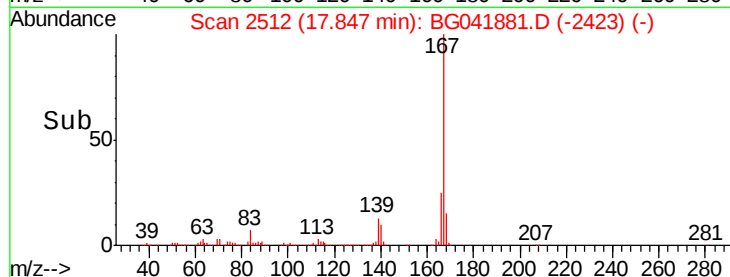
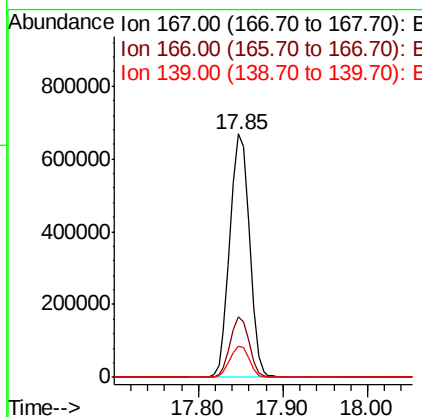
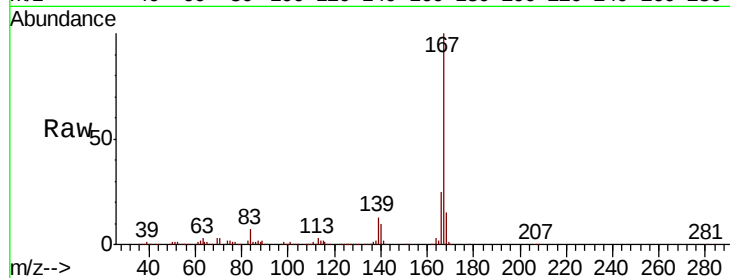


#73
 Carbazole
 Concen: 46.070 ng
 RT: 17.85 min Scan# 2512
 Delta R.T. -0.01 min
 Lab File: BG041881.D
 Acq: 2 Aug 2019 10:11

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:167 Resp: 1069106

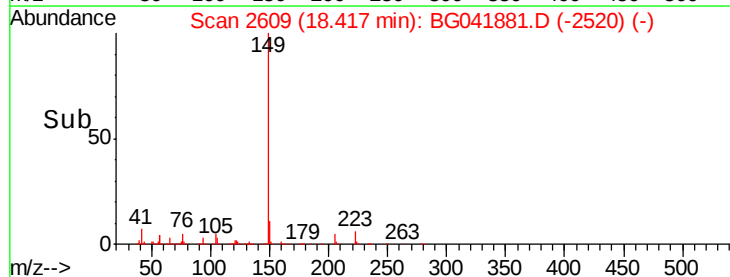
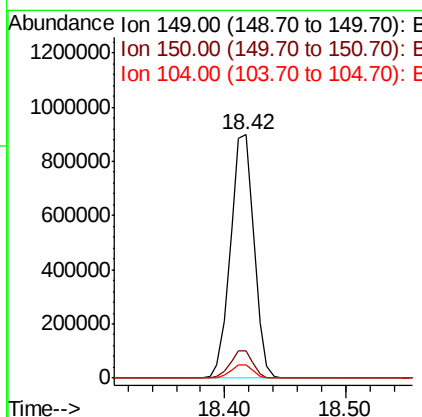
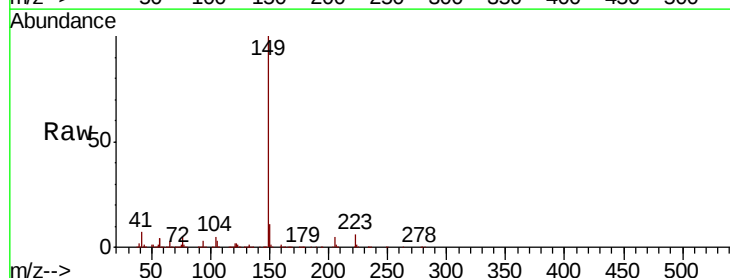
Ion	Ratio	Lower	Upper
167	100		
166	25.0	21.4	32.2
139	12.8	12.1	18.1

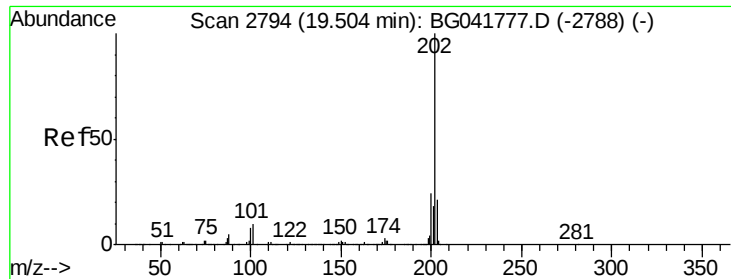


#74
 Di-n-butylphthalate
 Concen: 46.363 ng
 RT: 18.42 min Scan# 2609
 Delta R.T. -0.01 min
 Lab File: BG041881.D
 Acq: 2 Aug 2019 10:11

Tgt Ion:149 Resp: 1219742

Ion	Ratio	Lower	Upper
149	100		
150	11.2	10.2	15.2
104	5.2	5.3	7.9#





#75

Fluoranthene

Concen: 47.340 ng

RT: 19.50 min Scan# 2794

Delta R.T. 0.00 min

Lab File: BG041881.D

Acq: 2 Aug 2019 10:11

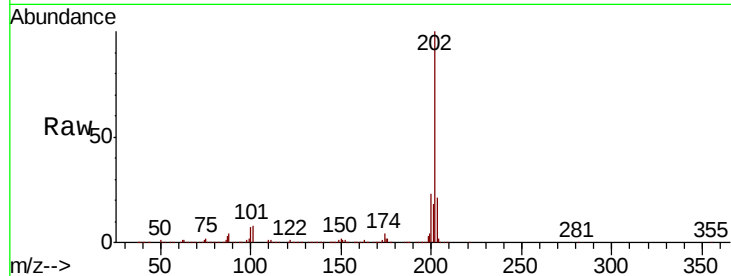
Instrument :

BNA_G

ClientSampled :

Tot Ion:202 Resp: 1491746

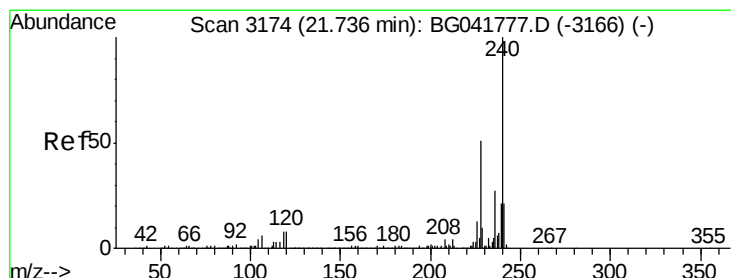
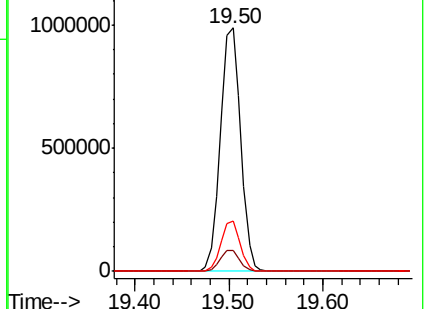
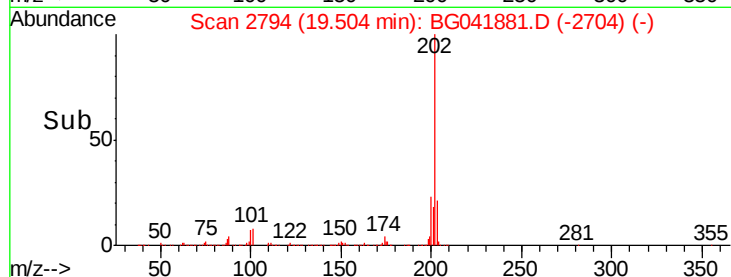
Ion	Ratio	Lower	Upper
202	100		
101	8.4	0.0	32.8
203	20.6	3.7	43.7



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

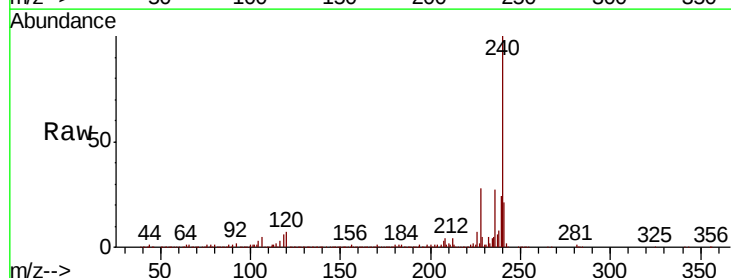
Delta R.T. 0.00 min

Lab File: BG041881.D

Acq: 2 Aug 2019 10:11

Tgt Ion:240 Resp: 567518

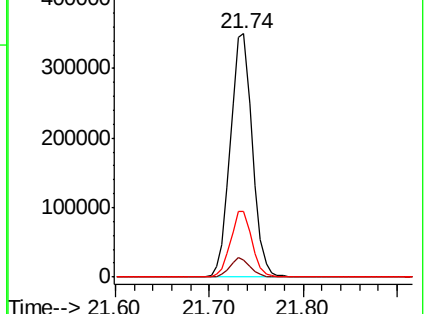
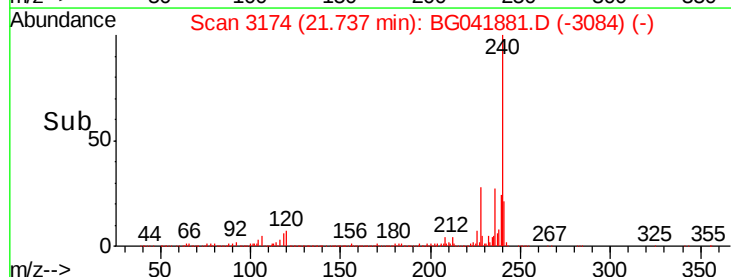
Ion	Ratio	Lower	Upper
240	100		
120	6.9	8.0	12.0#
236	26.9	22.6	33.8

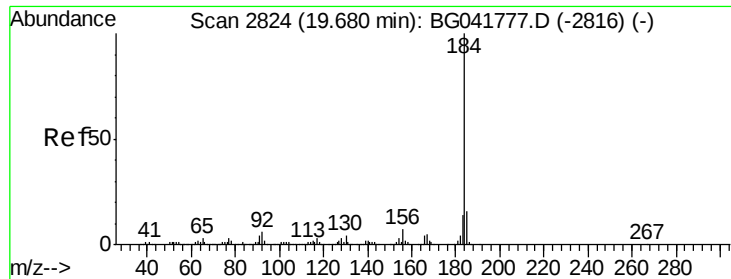


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 37.889 ng

RT: 19.67 min Scan# 2823

Delta R.T. -0.01 min

Lab File: BG041881.D

Acq: 2 Aug 2019 10:11

Instrument :

BNA_G

ClientSampleId :

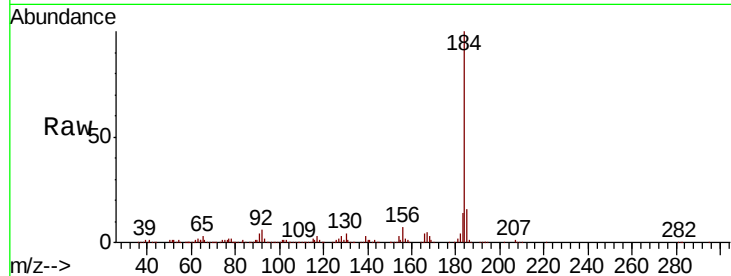
Tot Ion:184 Resp: 701859

Ion Ratio Lower Upper

184 100

185 15.7 13.0 19.4

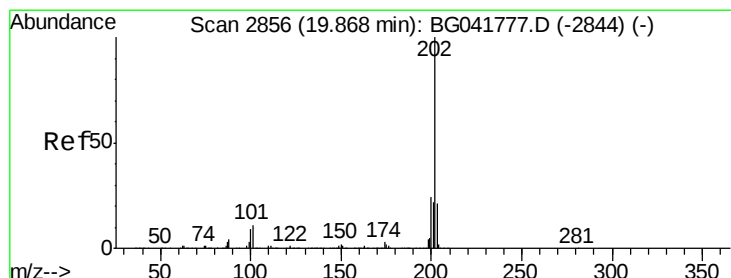
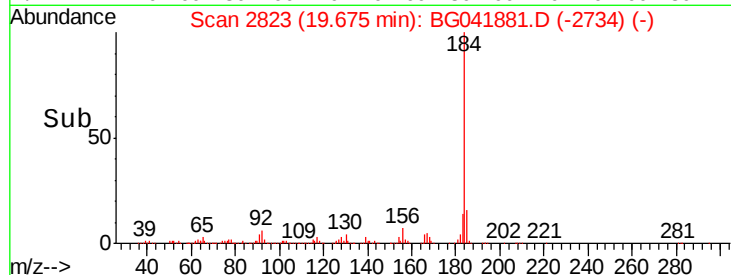
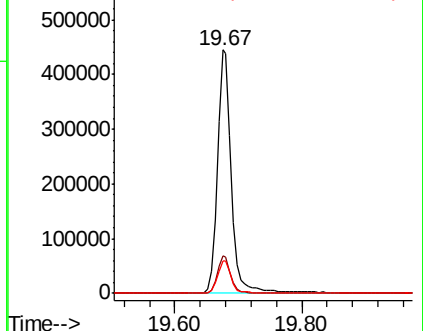
183 13.5 11.8 17.6



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: 44.136 ng

RT: 19.86 min Scan# 2855

Delta R.T. -0.01 min

Lab File: BG041881.D

Acq: 2 Aug 2019 10:11

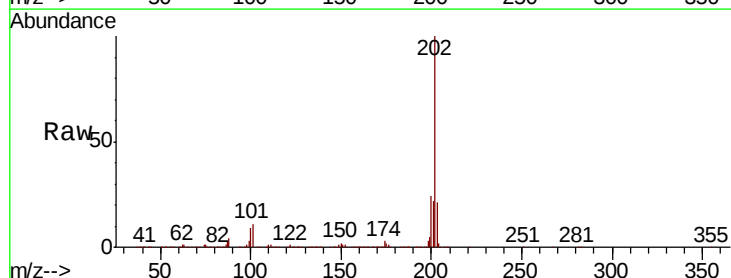
Tgt Ion:202 Resp: 1484068

Ion Ratio Lower Upper

202 100

200 24.0 22.2 33.2

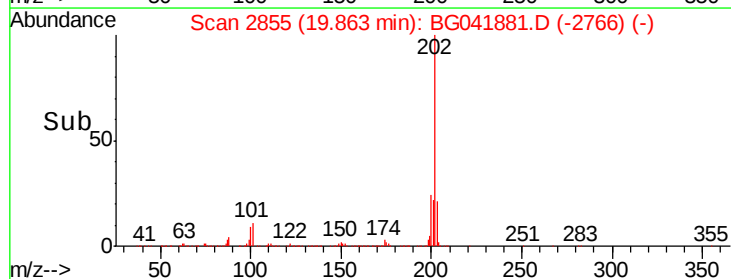
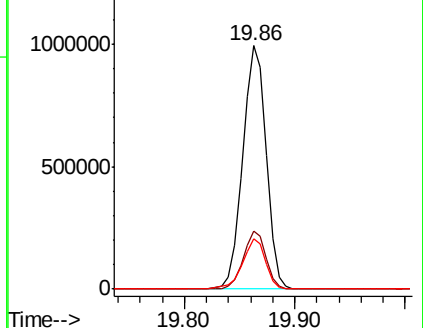
203 20.6 18.9 28.3

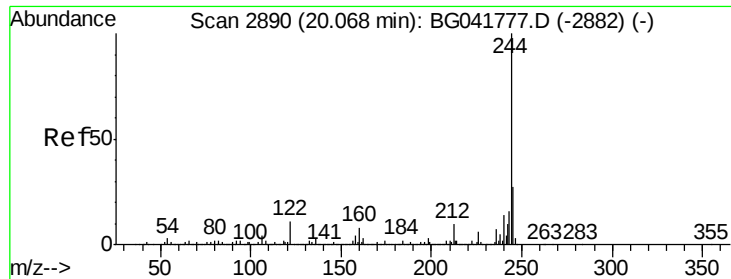


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 78.022 ng

RT: 20.06 min Scan# 2889

Delta R.T. -0.00 min

Lab File: BG041881.D

Acq: 2 Aug 2019 10:11

Instrument :

BNA_G

ClientSampleId :

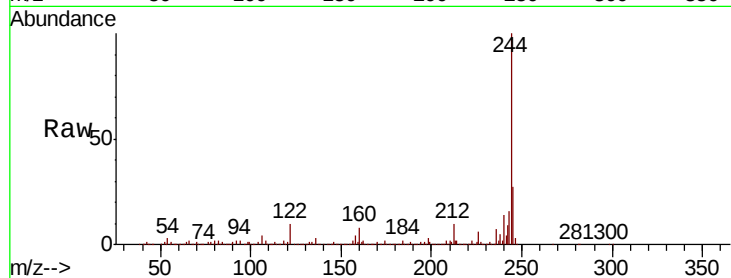
Tot Ion:244 Resp: 1935044

Ion Ratio Lower Upper

244 100

212 9.6 9.7 14.5#

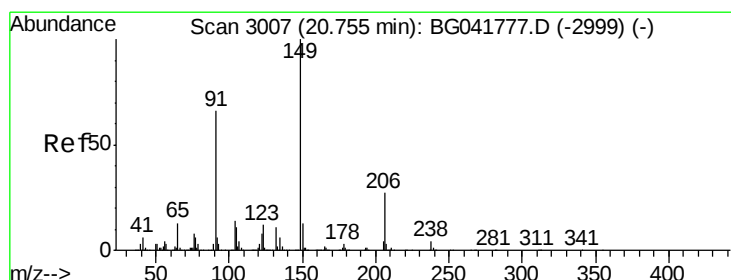
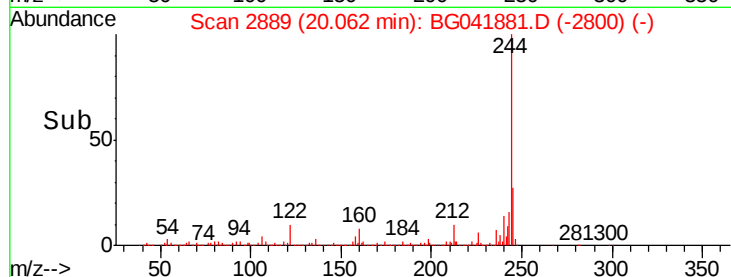
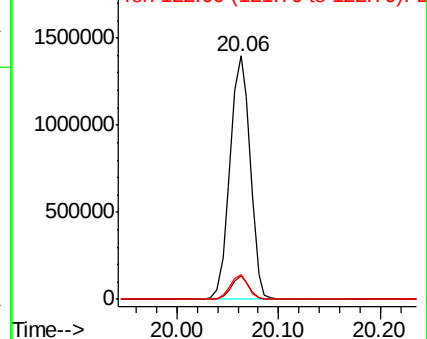
122 10.0 12.5 18.7#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 45.306 ng

RT: 20.75 min Scan# 3006

Delta R.T. -0.01 min

Lab File: BG041881.D

Acq: 2 Aug 2019 10:11

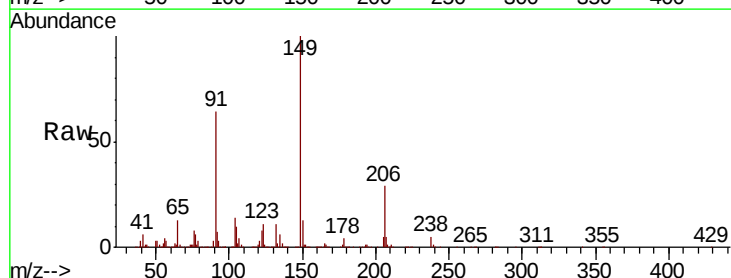
Tgt Ion:149 Resp: 584072

Ion Ratio Lower Upper

149 100

91 64.2 58.9 88.3

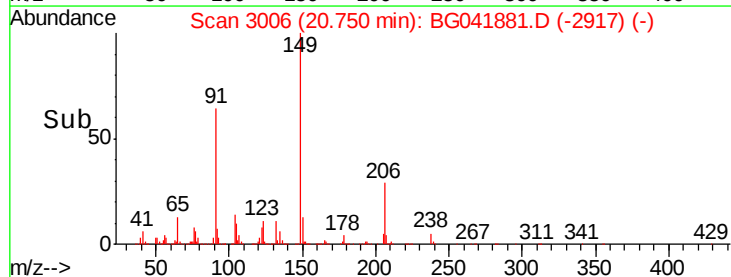
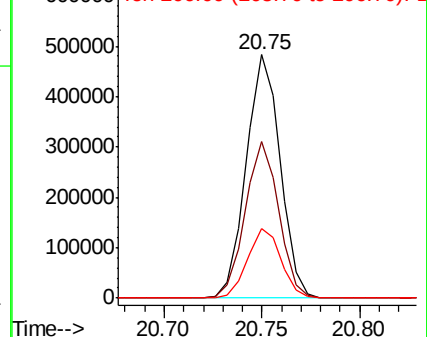
206 28.6 20.8 31.2

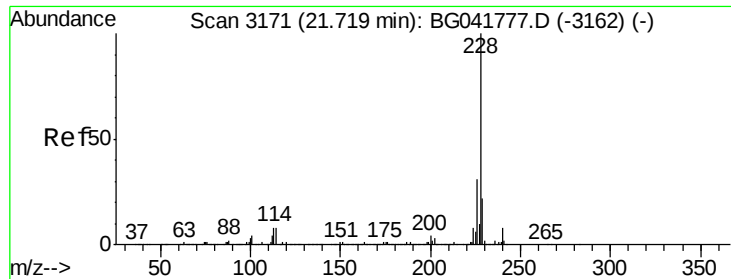


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.116 ng

RT: 21.71 min Scan# 3170

Delta R.T. -0.01 min

Lab File: BG041881.D

Acq: 2 Aug 2019 10:11

Instrument :

BNA_G

ClientSampleId :

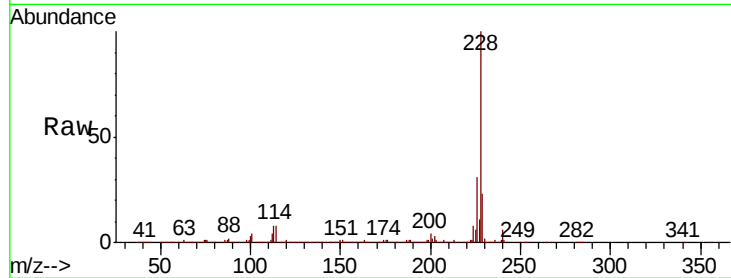
Tot Ion:228 Resp: 1481286

Ion Ratio Lower Upper

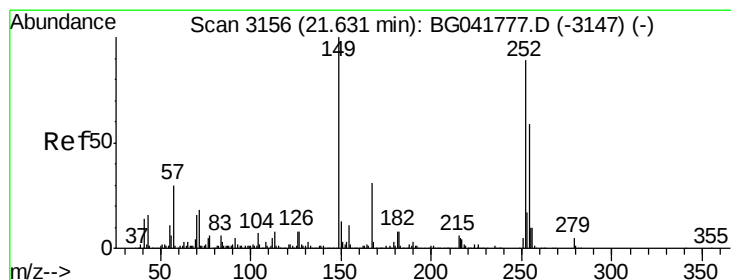
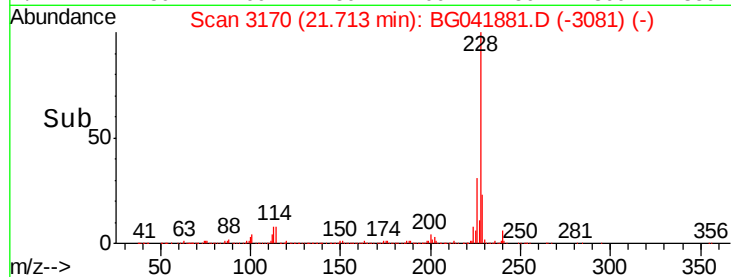
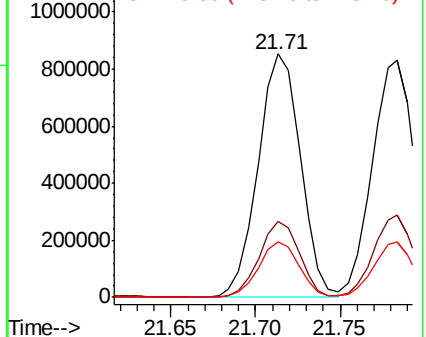
228 100

226 31.0 27.3 40.9

229 23.0 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: 34.538 ng

RT: 21.63 min Scan# 3155

Delta R.T. -0.01 min

Lab File: BG041881.D

Acq: 2 Aug 2019 10:11

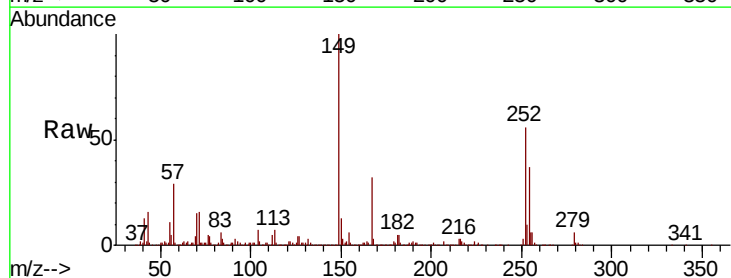
Tgt Ion:252 Resp: 465609

Ion Ratio Lower Upper

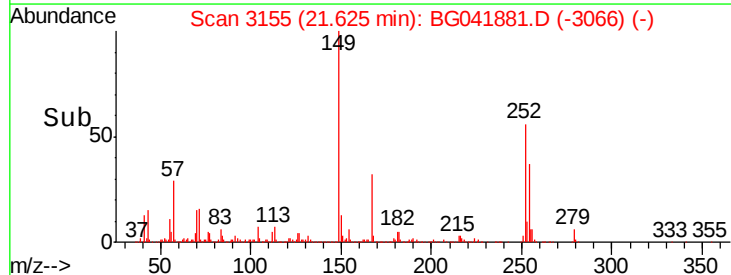
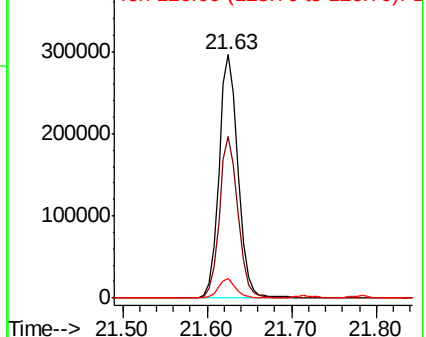
252 100

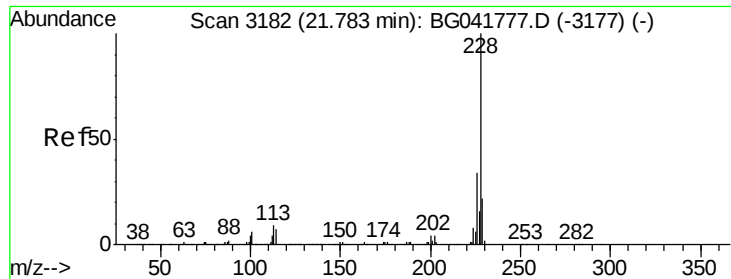
254 66.3 53.8 80.6

126 7.8 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

Chrysene

Concen: 44.891 ng

RT: 21.78 min Scan# 3182

Delta R.T. 0.00 min

Lab File: BG041881.D

Acq: 2 Aug 2019 10:11

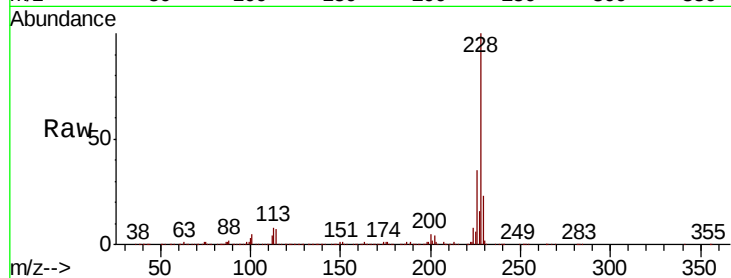
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1444863

Ion	Ratio	Lower	Upper
228	100		
226	34.6	30.1	45.1
229	23.1	19.8	29.6

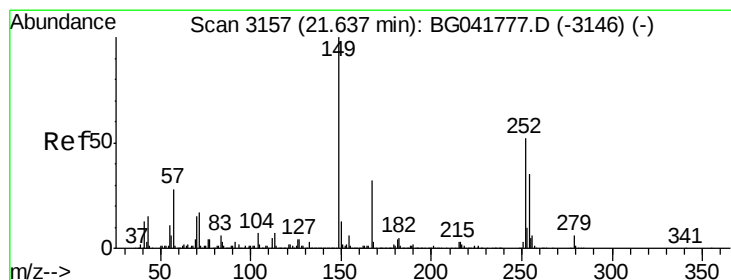
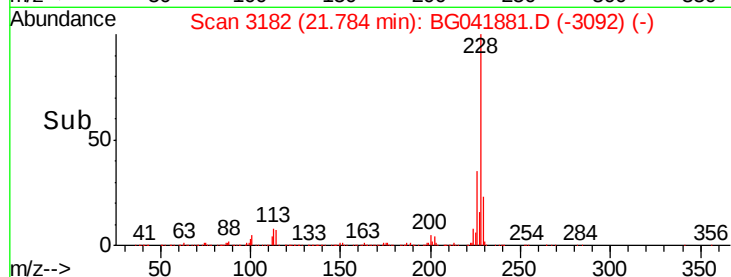
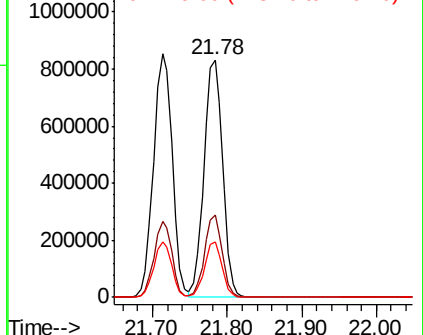


Abundance

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: 46.181 ng

RT: 21.63 min Scan# 3156

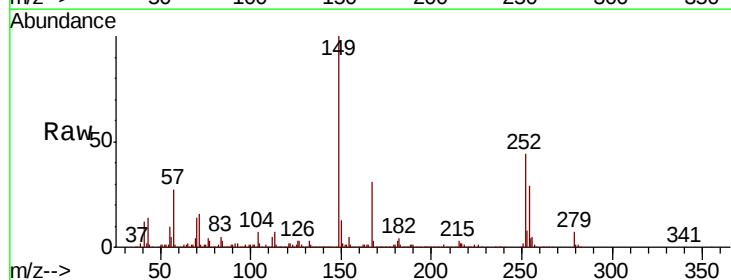
Delta R.T. -0.01 min

Lab File: BG041881.D

Acq: 2 Aug 2019 10:11

Tgt Ion:149 Resp: 821231

Ion	Ratio	Lower	Upper
149	100		
167	31.4	27.0	40.4
279	7.1	5.0	7.6

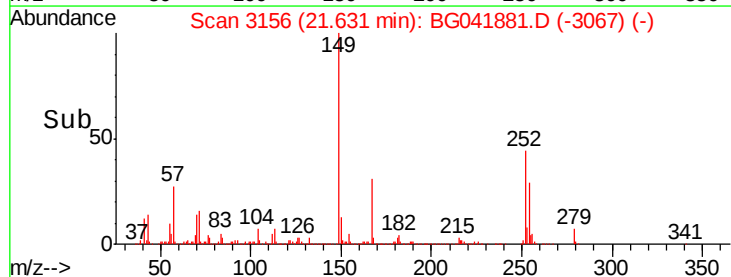
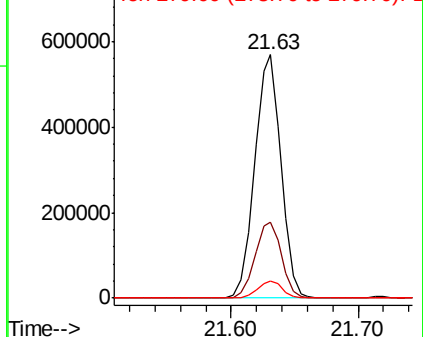


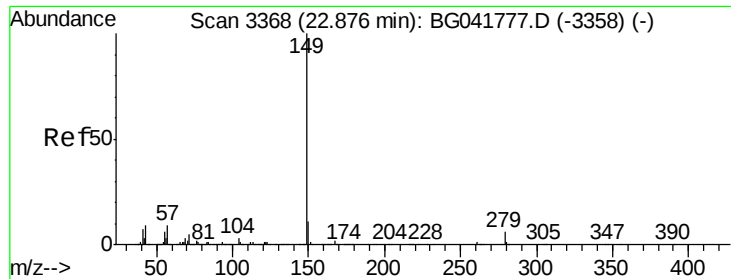
Abundance

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: 47.036 ng

RT: 22.87 min Scan# 3366

Delta R.T. -0.01 min

Lab File: BG041881.D

Acq: 2 Aug 2019 10:11

Instrument :

BNA_G

ClientSampleId :

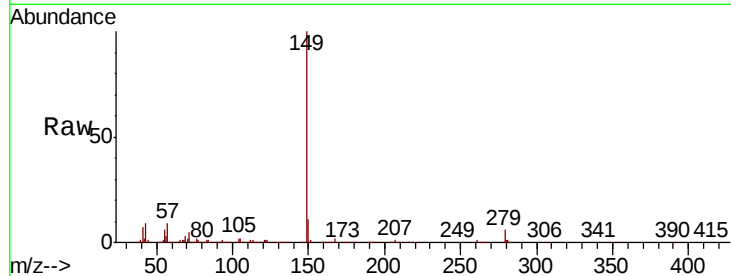
Tot Ion:149 Resp: 1407687

Ion Ratio Lower Upper

149 100

167 1.8 1.6 2.4

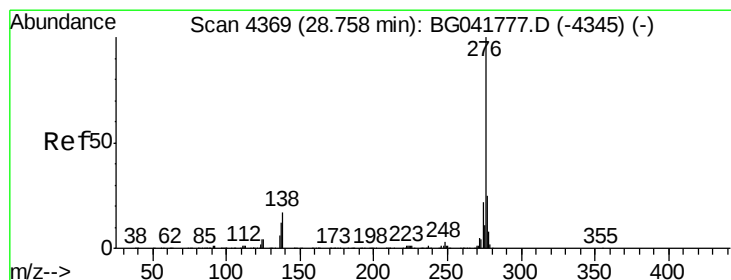
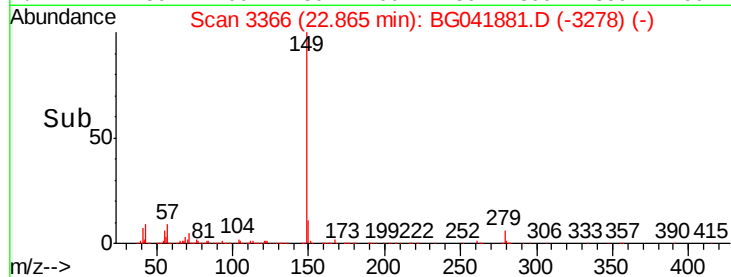
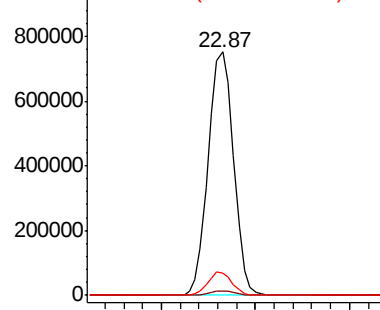
43 9.1 10.6 16.0#



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: 44.525 ng

RT: 28.75 min Scan# 4367

Delta R.T. -0.01 min

Lab File: BG041881.D

Acq: 2 Aug 2019 10:11

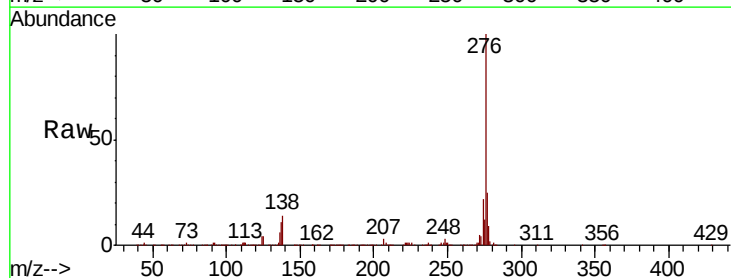
Tgt Ion:276 Resp: 1897089

Ion Ratio Lower Upper

276 100

138 13.1 19.4 29.0#

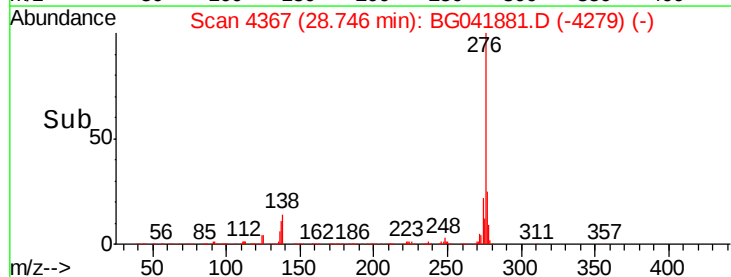
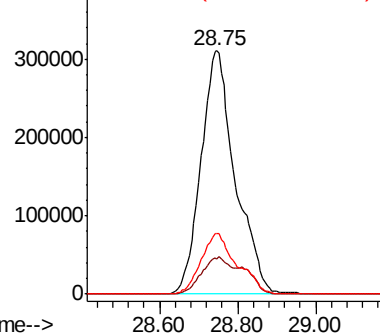
277 26.2 21.2 31.8

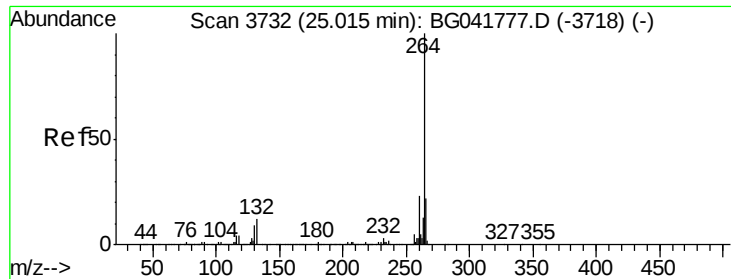


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

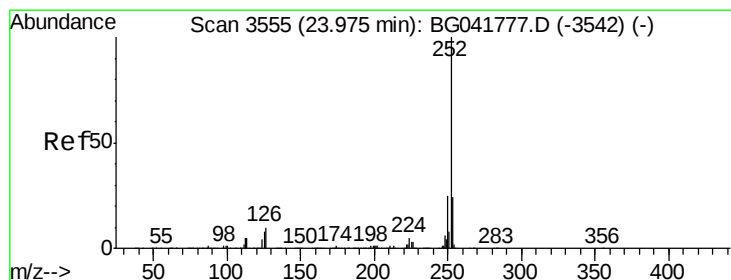
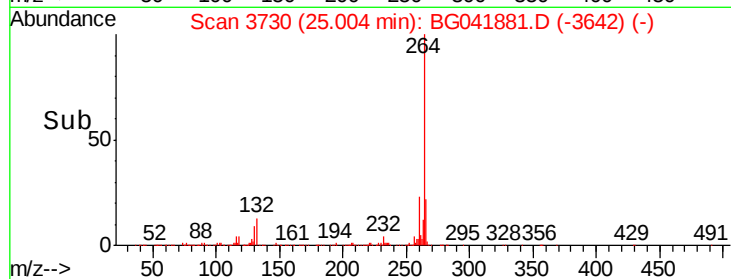
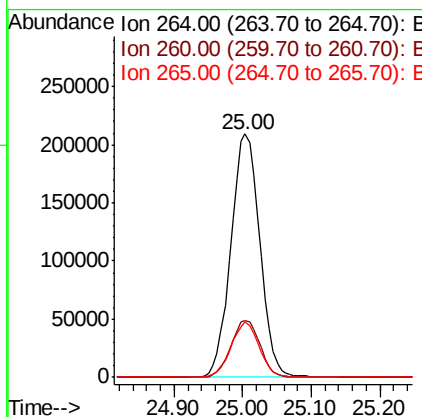
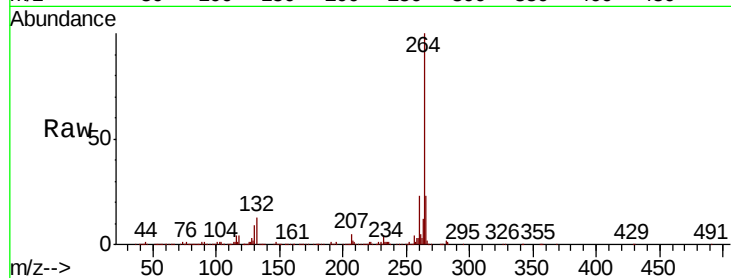




#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.00 min Scan# 3730
Delta R.T. -0.01 min
Lab File: BG041881.D
Acq: 2 Aug 2019 10:11

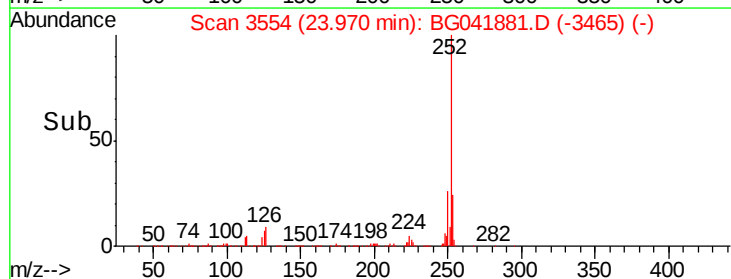
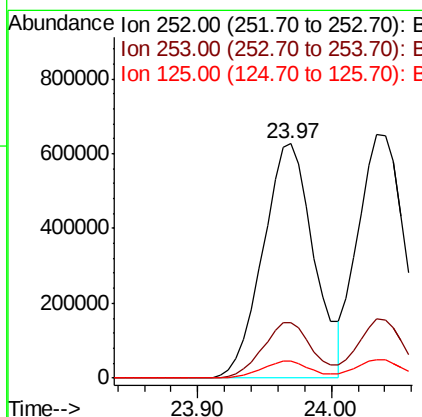
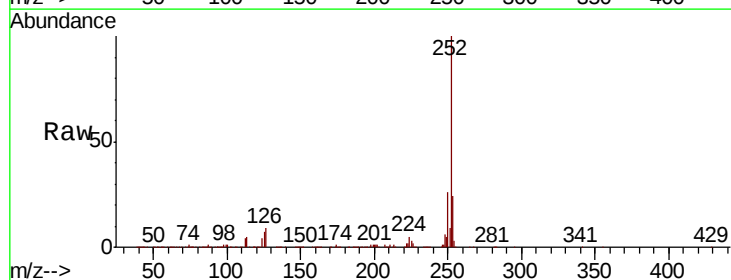
Instrument :
BNA_G
ClientSampleId :

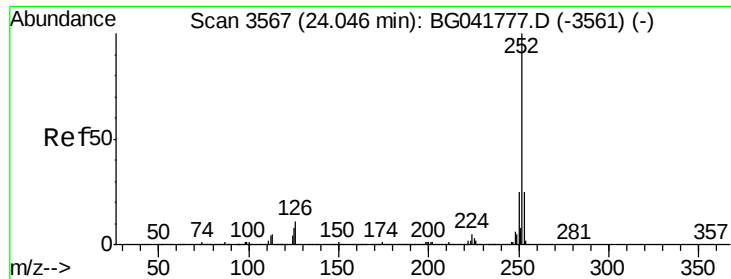
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.5	29.3
265	22.6	18.0	27.0



#88
Benzo(b)fluoranthene
Concen: 49.516 ng
RT: 23.97 min Scan# 3554
Delta R.T. -0.01 min
Lab File: BG041881.D
Acq: 2 Aug 2019 10:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	20.6	30.8
125	7.3	8.0	12.0

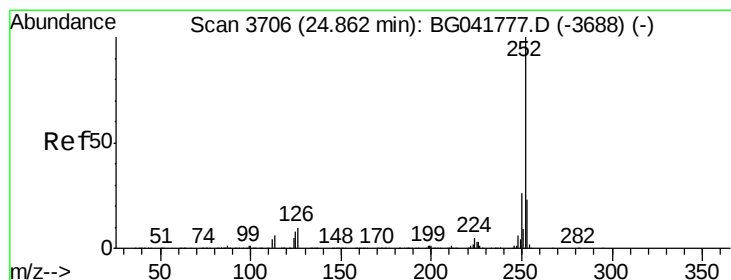
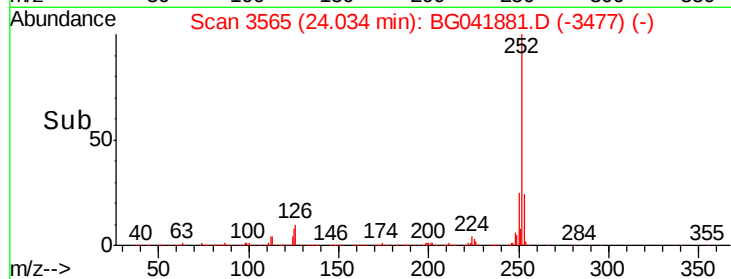
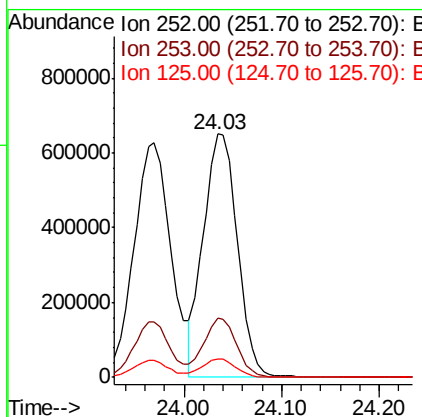
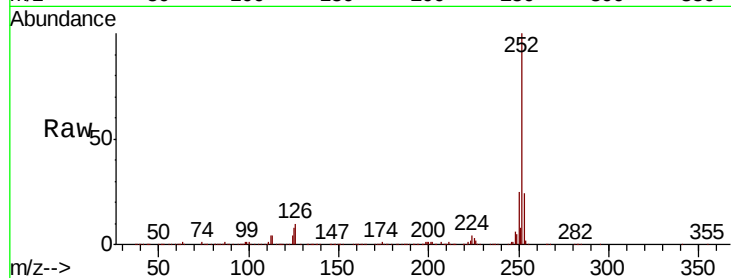




#89
Benzo(k)fluoranthene
Concen: 47.863 ng
RT: 24.03 min Scan# 3565
Delta R.T. -0.01 min
Lab File: BG041881.D
Acq: 2 Aug 2019 10:11

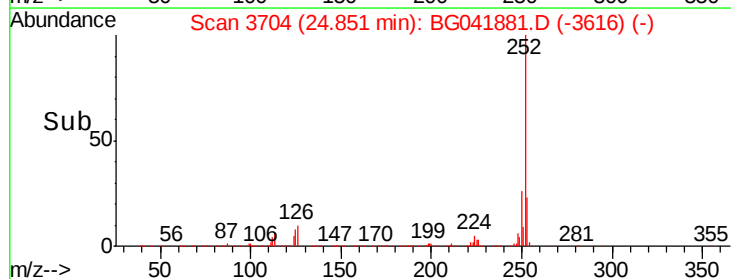
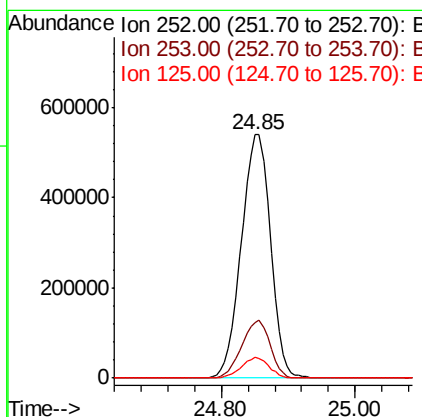
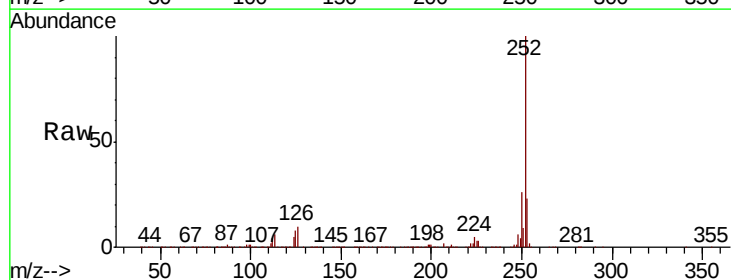
Instrument :
BNA_G
ClientSampleId :

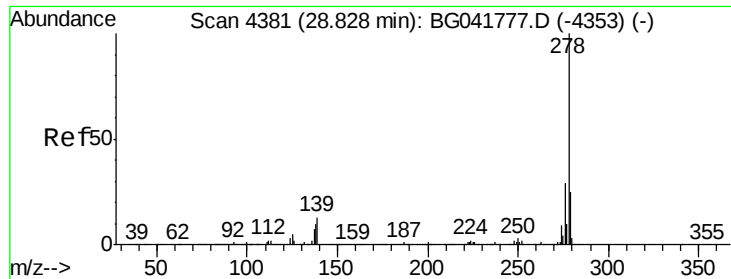
Tot Ion:252 Resp: 1565704
Ion Ratio Lower Upper
252 100
253 24.2 20.5 30.7
125 7.7 8.4 12.6#



#90
Benzo(a)pyrene
Concen: 50.343 ng
RT: 24.85 min Scan# 3704
Delta R.T. -0.01 min
Lab File: BG041881.D
Acq: 2 Aug 2019 10:11

Tgt Ion:252 Resp: 1621442
Ion Ratio Lower Upper
252 100
253 23.0 19.8 29.8
125 8.4 8.8 13.2#



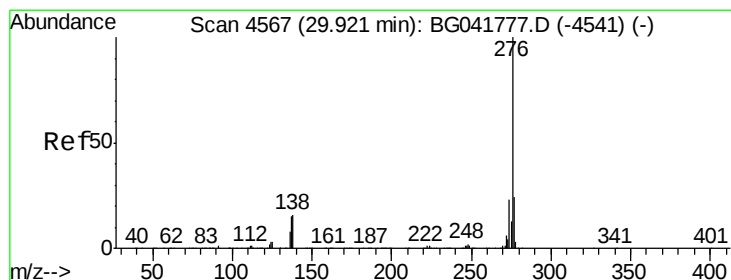
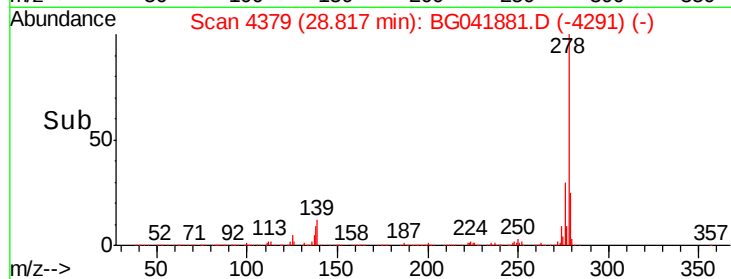
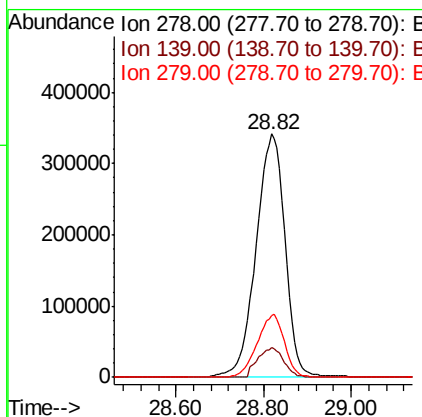
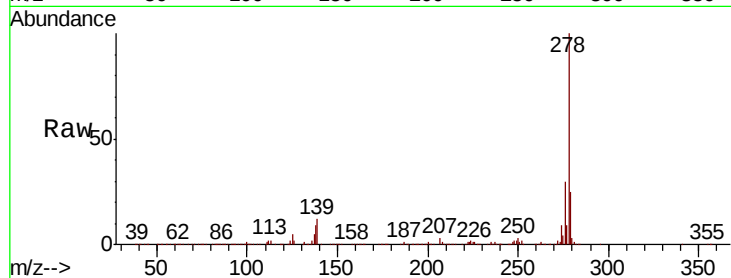


#91
Dibenzo(a,h)anthracene
Concen: 49.255 ng
RT: 28.82 min Scan# 4379
Delta R.T. -0.01 min
Lab File: BG041881.D
Acq: 2 Aug 2019 10:11

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1557676

Ion	Ratio	Lower	Upper
278	100		
139	12.1	12.6	19.0#
279	25.3	20.5	30.7



#92
Benzo(g,h,i)perylene
Concen: 49.565 ng
RT: 29.92 min Scan# 4566
Delta R.T. -0.01 min
Lab File: BG041881.D
Acq: 2 Aug 2019 10:11

Tgt Ion:276 Resp: 1566061

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.8	29.8
138	15.8	16.6	25.0#

