

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG073019\
 Data File : BG041802.D
 Acq On : 30 Jul 2019 15:20
 Operator : HP/JU
 Sample : PB121801BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB121801BSD

Quant Time: Jul 31 01:17:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG072719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 07:53:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	92017	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	376046	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	281398	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	657994	20.00	ng	0.00
76) Chrysene-d12	21.74	240	653261	20.00	ng	0.00
87) Perylene-d12	25.01	264	735550	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	601258	127.13	ng	0.00
7) Phenol-d6	7.20	99	834738	130.92	ng	0.00
23) Nitrobenzene-d5	9.21	82	485520	88.85	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	454849	142.31	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1334499	83.64	ng	0.00
79) Terphenyl-d14	20.07	244	2257405	79.07	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.47	88	90170	40.507	ng	92
3) Pyridine	3.87	79	161839	26.512	ng	91
4) n-Nitrosodimethylamine	3.78	42	85345	35.269	ng	93
6) Aniline	7.36	93	269649	30.034	ng	94
8) 2-Chlorophenol	7.61	128	232746	42.977	ng	93
9) Benzaldehyde	7.17	77	38433	8.566	ng	95
10) Phenol	7.22	94	285952	43.109	ng	99
11) bis(2-Chloroethyl)ether	7.46	93	200726	36.809	ng	93
12) 1,3-Dichlorobenzene	7.94	146	246338	34.851	ng	97
13) 1,4-Dichlorobenzene	8.08	146	254198	35.942	ng	96
14) 1,2-Dichlorobenzene	8.40	146	242433	35.923	ng	95
15) Benzyl Alcohol	8.28	79	203875	40.643	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.58	45	346157	35.679	ng	95
17) 2-Methylphenol	8.48	107	202554	41.988	ng	99
18) Hexachloroethane	9.14	117	86865	35.865	ng	93
19) n-Nitroso-di-n-propylamine	8.85	70	175668	37.949	ng	89
20) 3+4-Methylphenols	8.81	107	278435	42.177	ng	98
22) Acetophenone	8.87	105	340770	40.514	ng	# 92
24) Nitrobenzene	9.25	77	244647	42.497	ng	99
25) Isophorone	9.78	82	478548	40.257	ng	99
26) 2-Nitrophenol	9.97	139	131108	49.071	ng	97
27) 2,4-Dimethylphenol	10.03	122	229466	48.661	ng	99
28) bis(2-Chloroethoxy)methane	10.27	93	286243	38.534	ng	99
29) 2,4-Dichlorophenol	10.51	162	265743	46.276	ng	96
30) 1,2,4-Trichlorobenzene	10.73	180	284618	39.084	ng	98
31) Naphthalene	10.92	128	701088	40.736	ng	98
32) Benzoic acid	10.16	122	139824	42.687	ng	94
33) 4-Chloroaniline	11.02	127	208883	25.593	ng	96
34) Hexachlorobutadiene	11.22	225	183422	37.320	ng	99
35) Caprolactam	11.79	113	44408	22.252	ng	# 76
36) 4-Chloro-3-methylphenol	12.14	107	266176	46.753	ng	95
37) 2-Methylnaphthalene	12.53	142	566009	41.549	ng	99
38) 1-Methylnaphthalene	12.75	142	547005	42.371	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	356500	40.023	ng	99

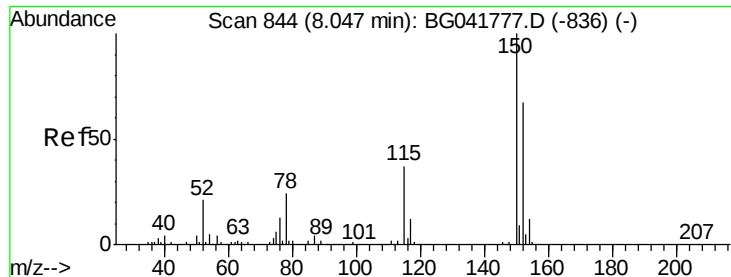
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG073019\
 Data File : BG041802.D
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	425084	84.881	ng	98
43) 2,4,6-Trichlorophenol	13.13	196	243674	43.282	ng	97
44) 2,4,5-Trichlorophenol	13.20	196	268097	45.825	ng	98
46) 1,1'-Biphenyl	13.54	154	737665	40.780	ng	97
47) 2-Chloronaphthalene	13.58	162	601582	39.061	ng	97
48) 2-Nitroaniline	13.77	65	178210	45.625	ng	89
49) Acenaphthylene	14.42	152	964325	41.859	ng	97
50) Dimethylphthalate	14.15	163	812322	42.268	ng	99
51) 2,6-Dinitrotoluene	14.26	165	195603	48.675	ng	89
52) Acenaphthene	14.77	154	686789	45.837	ng	99
53) 3-Nitroaniline	14.59	138	145001	33.728	ng	# 93
54) 2,4-Dinitrophenol	14.80	184	235081	91.504	ng	89
55) Dibenzofuran	15.10	168	962680	42.006	ng	95
56) 4-Nitrophenol	14.90	139	329610	101.003	ng	95
57) 2,4-Dinitrotoluene	15.05	165	278560	50.405	ng	95
58) Fluorene	15.75	166	780152	42.419	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.33	232	282306	48.720	ng	93
60) Diethylphthalate	15.52	149	815225	43.207	ng	99
61) 4-Chlorophenyl-phenylether	15.75	204	464910	41.407	ng	94
62) 4-Nitroaniline	15.76	138	202921	43.577	ng	98
63) Azobenzene	16.04	77	646665	41.956	ng	95
65) 4,6-Dinitro-2-methylphenol	15.82	198	156487	48.507	ng	88
66) n-Nitrosodiphenylamine	15.96	169	750675	41.883	ng	98
67) 4-Bromophenyl-phenylether	16.64	248	325067	40.106	ng	98
68) Hexachlorobenzene	16.76	284	334186	39.411	ng	92
69) Atrazine	16.91	200	307037	43.600	ng	98
70) Pentachlorophenol	17.10	266	449094	93.230	ng	98
71) Phenanthrene	17.50	178	1323767	41.972	ng	96
72) Anthracene	17.59	178	1353063	43.015	ng	96
73) Carbazole	17.85	167	1226180	43.431	ng	96
74) Di-n-butylphthalate	18.42	149	1405741	43.920	ng	96
75) Fluoranthene	19.51	202	1680827	43.844	ng	94
77) Benzidine	19.68	184	695256	32.607	ng	98
78) Pyrene	19.87	202	1678166	43.358	ng	95
80) Butylbenzylphthalate	20.76	149	673035	45.354	ng	90
81) Benzo(a)anthracene	21.72	228	1605266	41.534	ng	97
82) 3,3'-Dichlorobenzidine	21.63	252	551017	35.509	ng	96
83) Chrysene	21.79	228	1590997	42.944	ng	96
84) Bis(2-ethylhexyl)phthalate	21.64	149	908000	44.358	ng	100
85) Di-n-octyl phthalate	22.87	149	1572102	45.635	ng	# 92
86) Indeno(1,2,3-cd)pyrene	28.76	276	2110874	43.040	ng	# 90
88) Benzo(b)fluoranthene	23.98	252	1781927	44.285	ng	97
89) Benzo(k)fluoranthene	24.05	252	1779830	45.409	ng	# 97
90) Benzo(a)pyrene	24.86	252	1787553	46.320	ng	# 97
91) Dibenzo(a,h)anthracene	28.83	278	1723003	45.470	ng	# 96
92) Benzo(g,h,i)perylene	29.93	276	1742218	46.020	ng	95

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

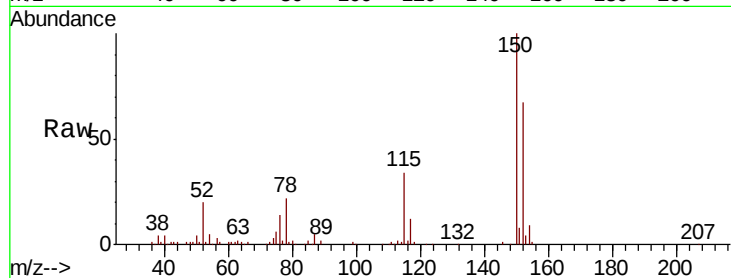


#1

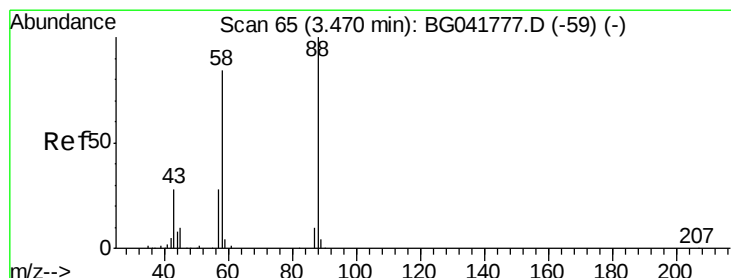
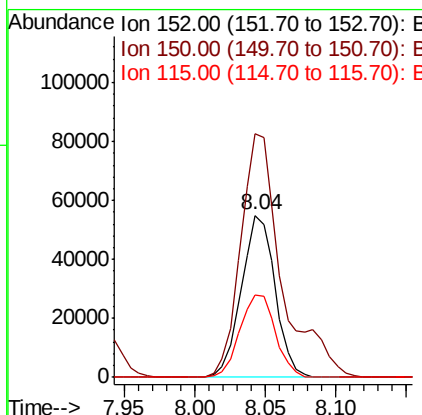
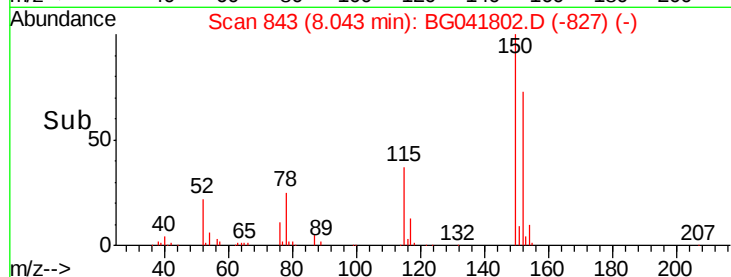
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.00 min
Lab File: BG041802.D
Acq: 30 Jul 2019 15:20

Instrument :
BNA_G
ClientSampleId :
PB121801BSD

Tgt Ion:152 Resp: 92017
Ion Ratio Lower Upper
152 100
150 150.3 126.9 190.3
115 50.5 45.0 67.6



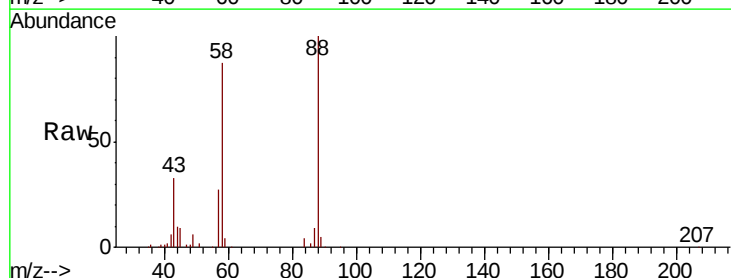
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



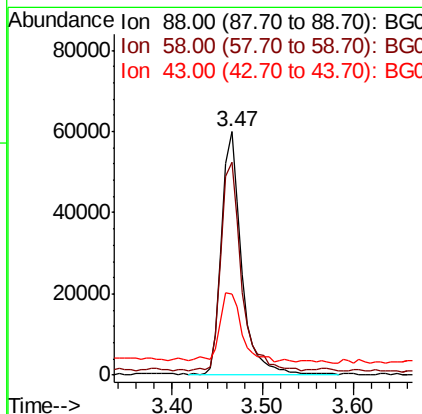
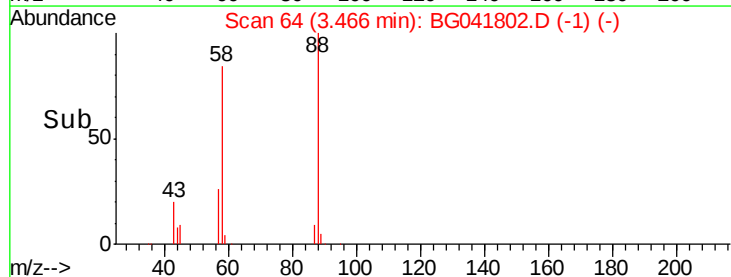
#2

1,4-Dioxane
Concen: 40.507 ng
RT: 3.47 min Scan# 64
Delta R.T. -0.00 min
Lab File: BG041802.D
Acq: 30 Jul 2019 15:20

Tgt Ion: 88 Resp: 90170
Ion Ratio Lower Upper
88 100
58 87.4 76.2 114.2
43 29.4 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

Pyridine

Concen: 26.512 ng

RT: 3.87 min Scan# 132

Delta R.T. -0.01 min

Lab File: BG041802.D

Acq: 30 Jul 2019 15:20

Instrument :

BNA_G

ClientSampleId :

PB121801BSD

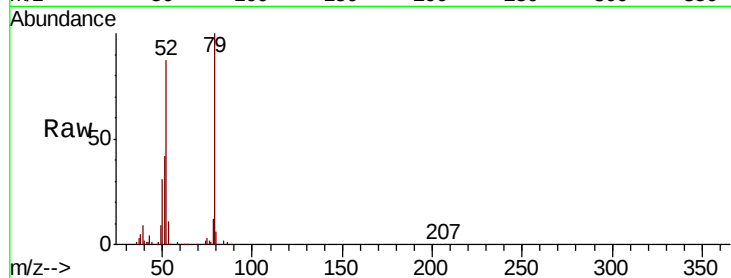
Tgt Ion: 79 Resp: 161839

Ion Ratio Lower Upper

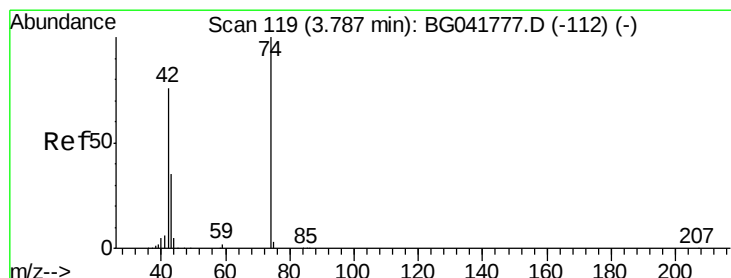
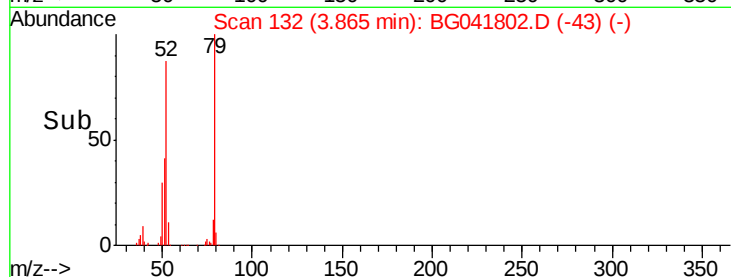
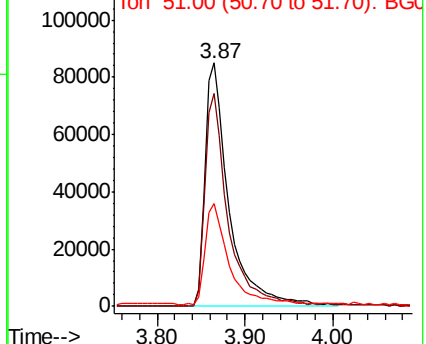
79 100

52 87.3 77.1 115.7

51 42.5 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: 35.269 ng

RT: 3.78 min Scan# 117

Delta R.T. -0.01 min

Lab File: BG041802.D

Acq: 30 Jul 2019 15:20

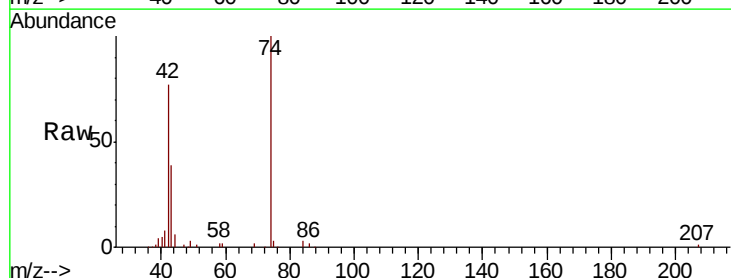
Tgt Ion: 42 Resp: 85345

Ion Ratio Lower Upper

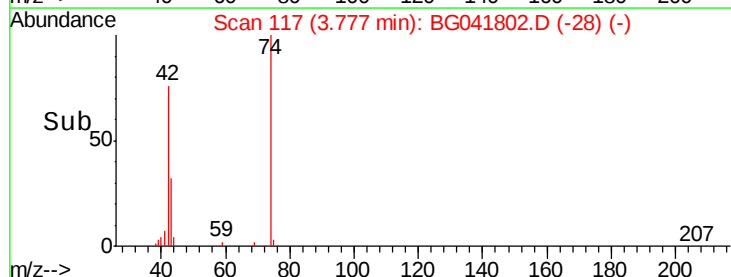
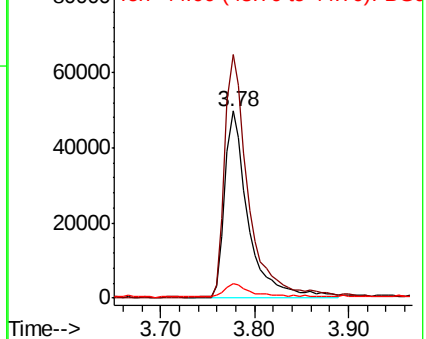
42 100

74 130.1 97.4 146.2

44 7.8 6.6 9.8



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





#5

2-Fluorophenol

Concen: 127.131 ng

RT: 5.59 min Scan# 426

Delta R.T. 0.00 min

Lab File: BG041802.D

Acq: 30 Jul 2019 15:20

Instrument :

BNA_G

ClientSampleId :

PB121801BSD

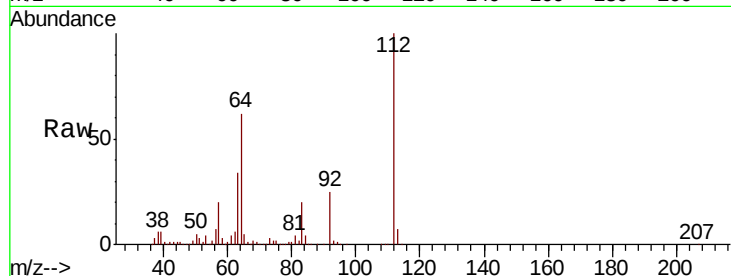
Tgt Ion: 112 Resp: 601258

Ion Ratio Lower Upper

112 100

64 61.6 55.4 83.2

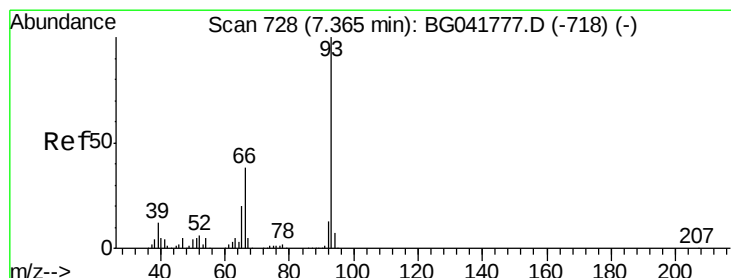
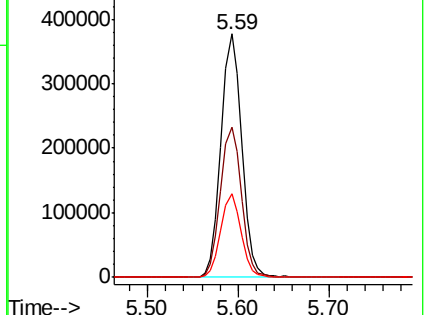
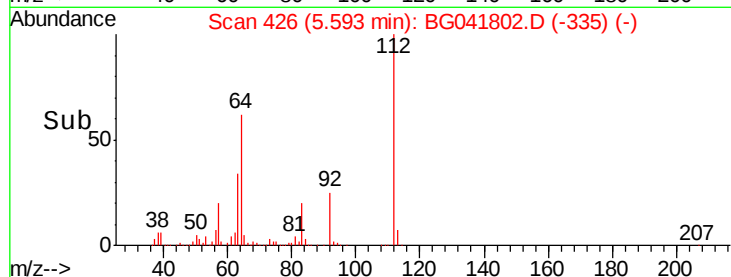
63 34.2 29.1 43.7



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 30.034 ng

RT: 7.36 min Scan# 727

Delta R.T. -0.00 min

Lab File: BG041802.D

Acq: 30 Jul 2019 15:20

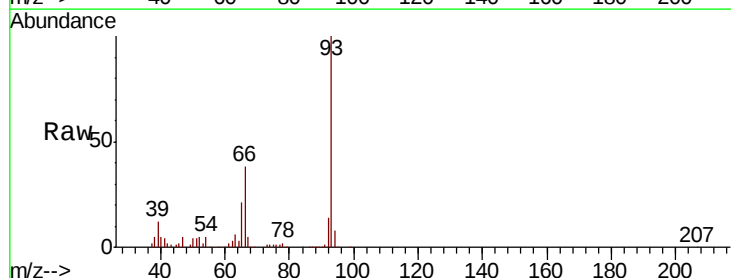
Tgt Ion: 93 Resp: 269649

Ion Ratio Lower Upper

93 100

66 37.9 34.2 51.2

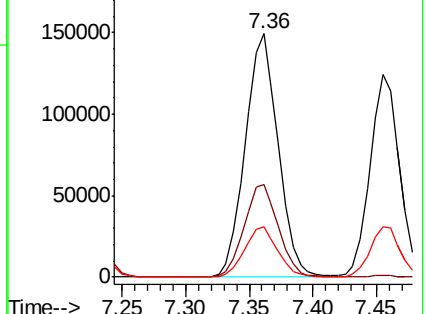
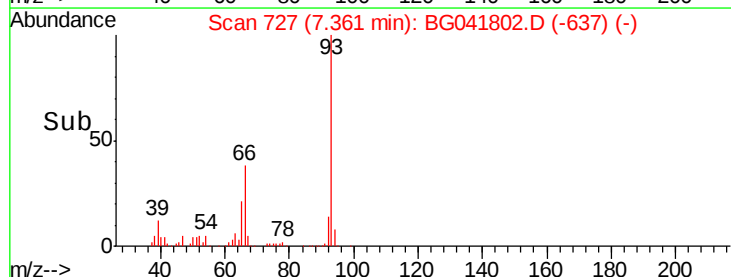
65 20.9 18.2 27.2

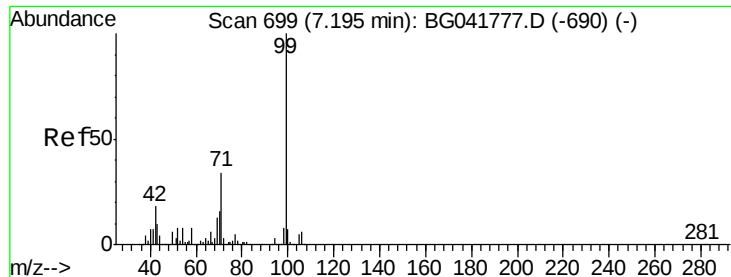


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 130.918 ng

RT: 7.20 min Scan# 699

Delta R.T. 0.00 min

Lab File: BG041802.D

Acq: 30 Jul 2019 15:20

Instrument :

BNA_G

ClientSampleId :

PB121801BSD

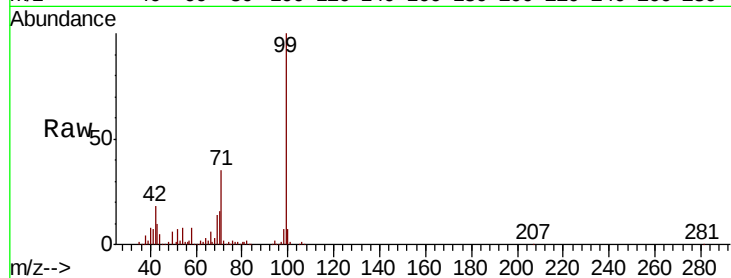
Tgt Ion: 99 Resp: 834738

Ion Ratio Lower Upper

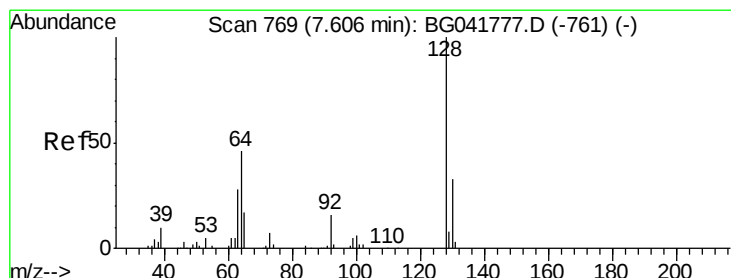
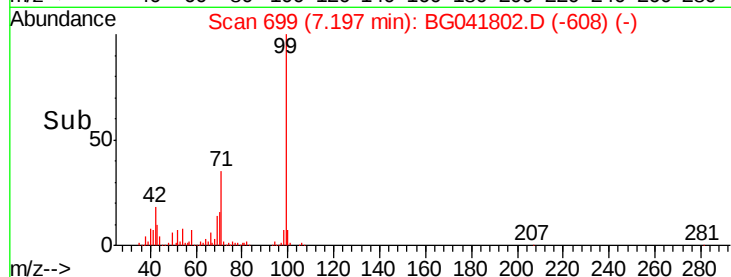
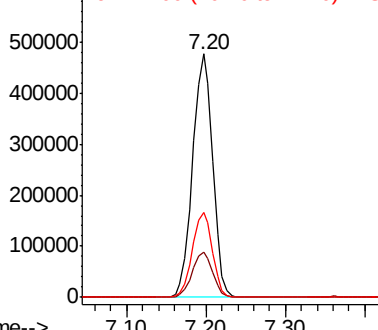
99 100

42 18.5 17.6 26.4

71 34.9 27.8 41.6



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



#8

2-Chlorophenol

Concen: 42.977 ng

RT: 7.61 min Scan# 769

Delta R.T. 0.00 min

Lab File: BG041802.D

Acq: 30 Jul 2019 15:20

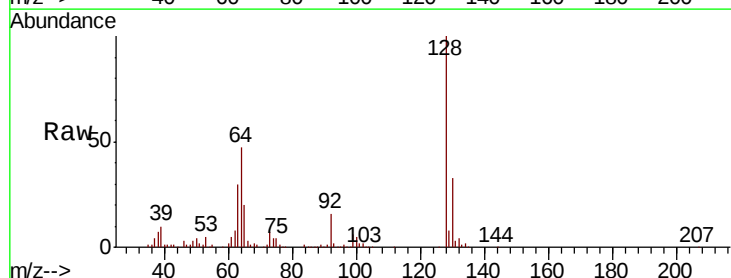
Tgt Ion: 128 Resp: 232746

Ion Ratio Lower Upper

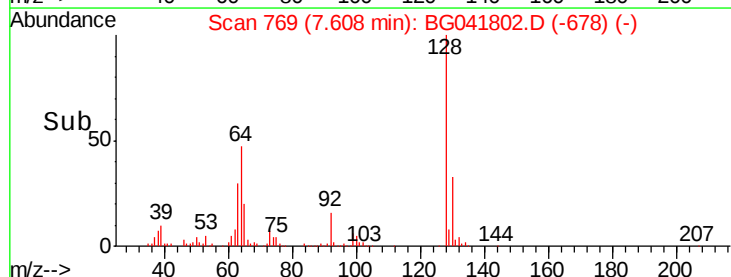
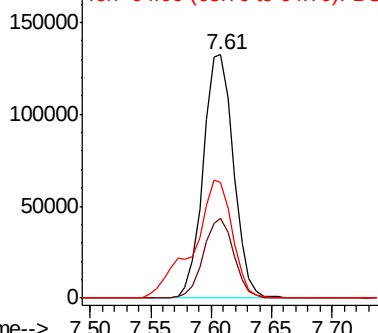
128 100

130 33.0 12.4 52.4

64 47.2 34.9 74.9



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





#9

Benzaldehyde

Concen: 8.566 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG041802.D

Acq: 30 Jul 2019 15:20

Instrument :

BNA_G

ClientSampleId :

PB121801BSD

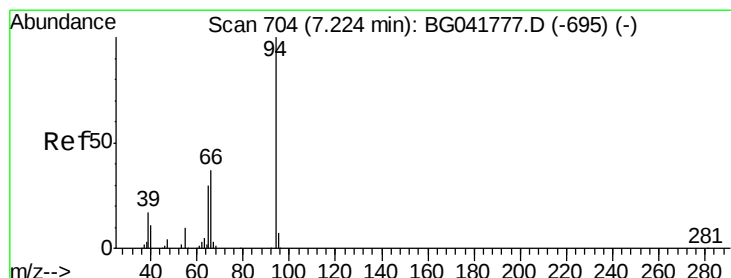
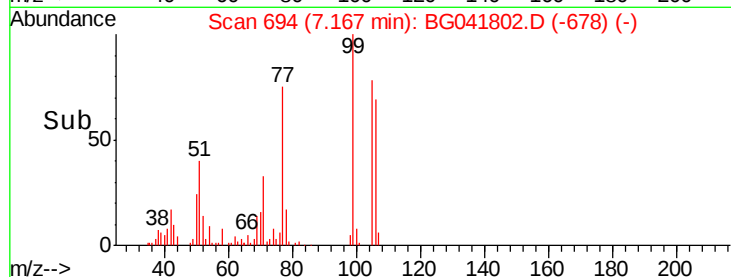
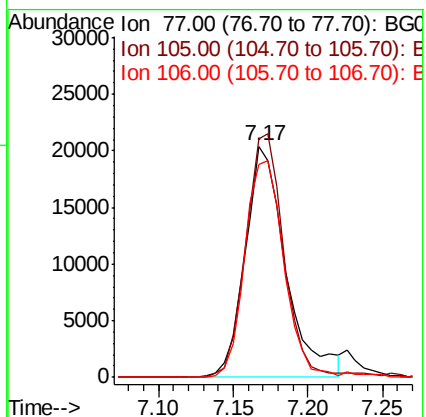
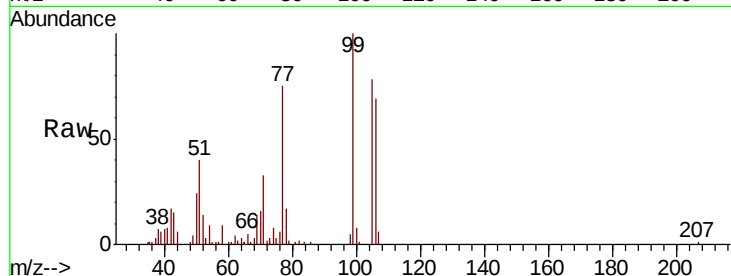
Tgt Ion: 77 Resp: 38433

Ion Ratio Lower Upper

77 100

105 103.4 74.6 114.6

106 92.2 71.1 111.1



#10

Phenol

Concen: 43.109 ng

RT: 7.22 min Scan# 703

Delta R.T. -0.00 min

Lab File: BG041802.D

Acq: 30 Jul 2019 15:20

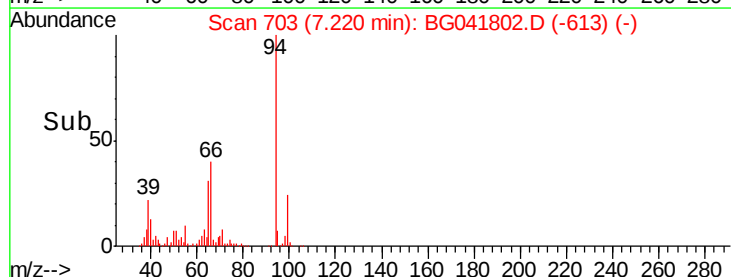
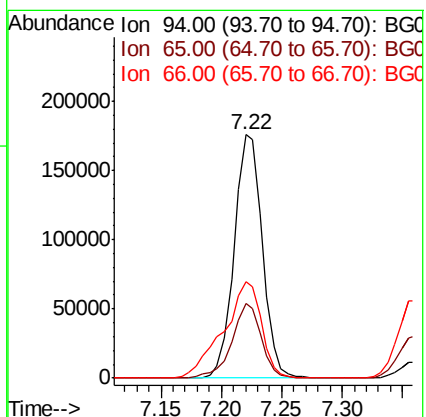
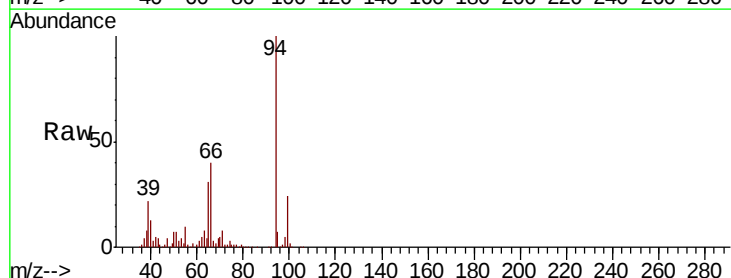
Tgt Ion: 94 Resp: 285952

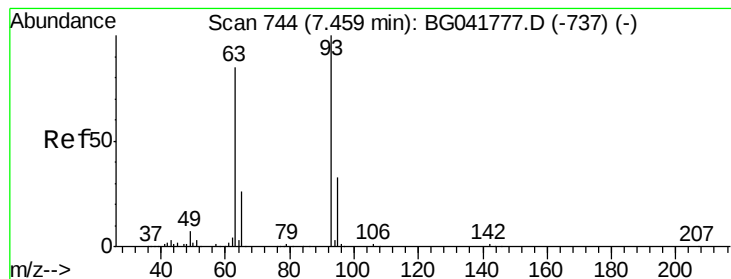
Ion Ratio Lower Upper

94 100

65 30.6 10.6 50.6

66 39.7 18.2 58.2





#11

bis(2-Chloroethyl)ether

Concen: 36.809 ng

RT: 7.46 min Scan# 743

Delta R.T. -0.00 min

Lab File: BG041802.D

Acq: 30 Jul 2019 15:20

Instrument :

BNA_G

ClientSampleId :

PB121801BSD

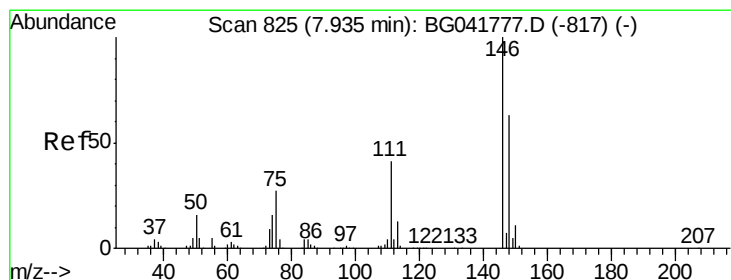
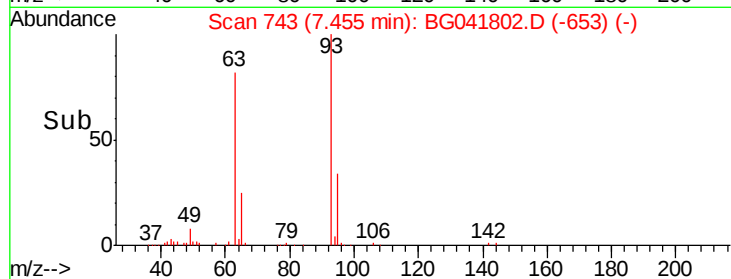
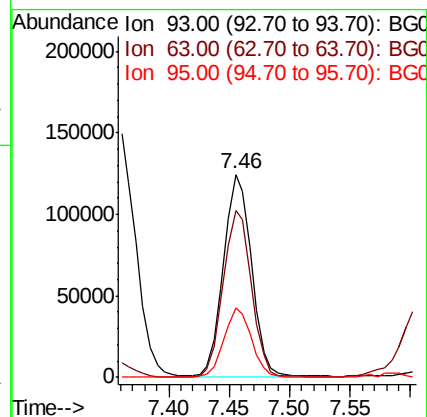
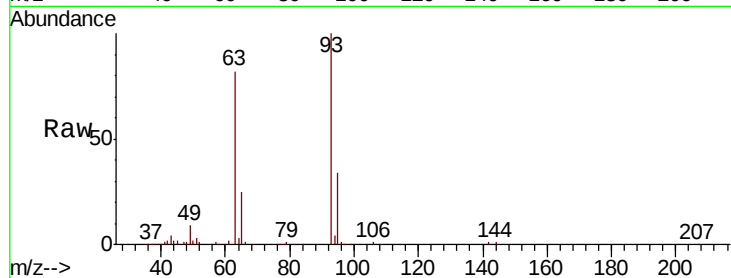
Tgt Ion: 93 Resp: 200726

Ion Ratio Lower Upper

93 100

63 81.8 70.4 110.4

95 33.9 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 34.851 ng

RT: 7.94 min Scan# 825

Delta R.T. 0.00 min

Lab File: BG041802.D

Acq: 30 Jul 2019 15:20

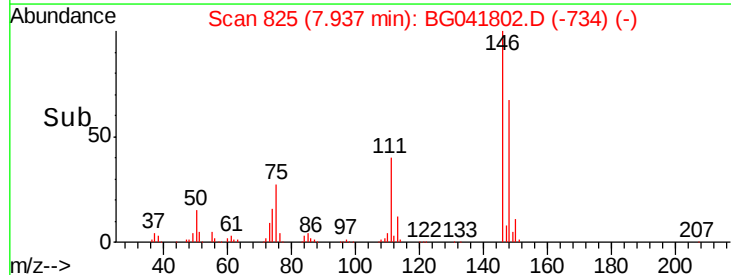
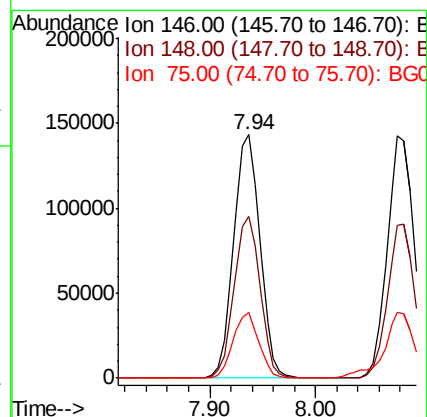
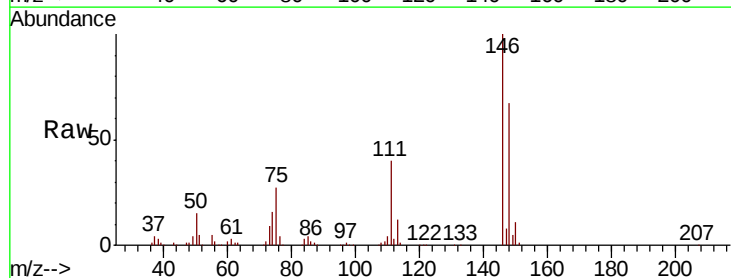
Tgt Ion: 146 Resp: 246338

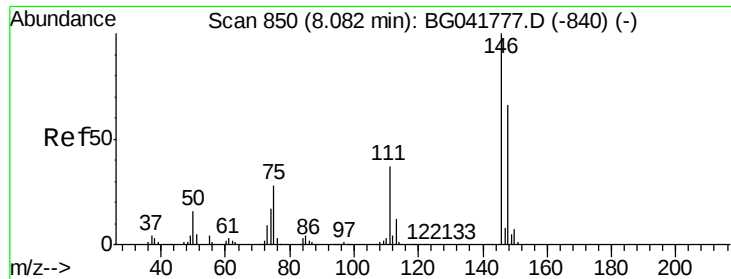
Ion Ratio Lower Upper

146 100

148 66.6 51.5 77.3

75 27.2 23.2 34.8

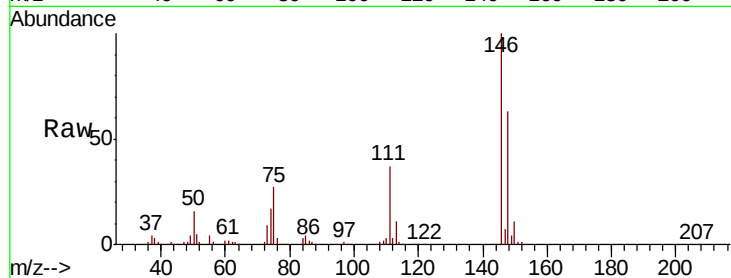




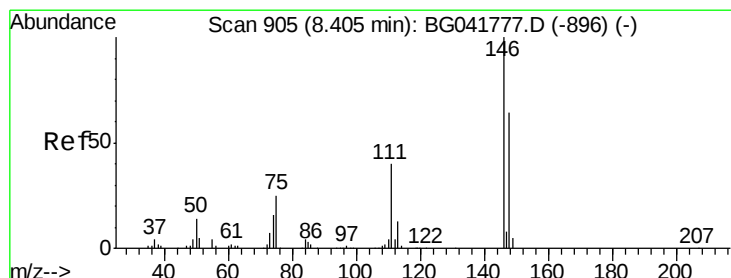
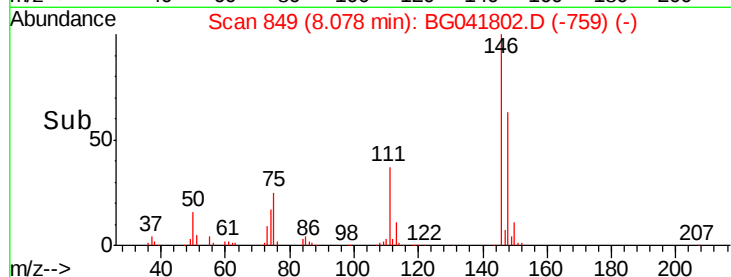
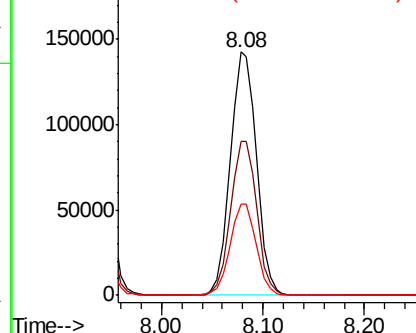
#13
 1,4-Dichlorobenzene
 Concen: 35.942 ng
 RT: 8.08 min Scan# 849
 Delta R.T. -0.00 min
 Lab File: BG041802.D
 Acq: 30 Jul 2019 15:20

Instrument :
 BNA_G
 ClientSampleId :
 PB121801BSD

Tgt Ion:146 Resp: 254198
 Ion Ratio Lower Upper
 146 100
 148 63.3 52.6 79.0
 111 37.3 32.5 48.7

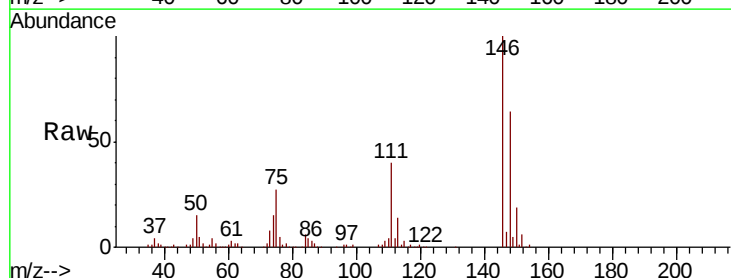


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

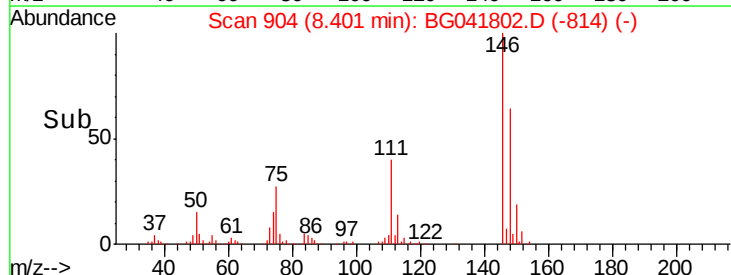
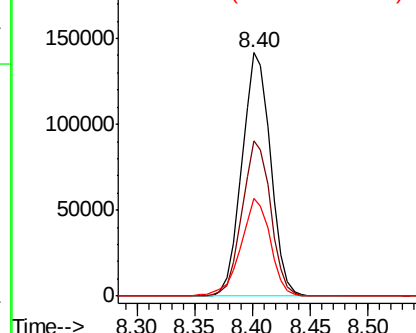


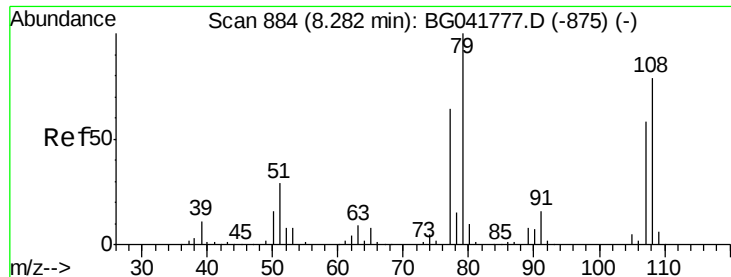
#14
 1,2-Dichlorobenzene
 Concen: 35.923 ng
 RT: 8.40 min Scan# 904
 Delta R.T. -0.00 min
 Lab File: BG041802.D
 Acq: 30 Jul 2019 15:20

Tgt Ion:146 Resp: 242433
 Ion Ratio Lower Upper
 146 100
 148 63.6 53.5 80.3
 111 40.2 35.4 53.0



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





#15

Benzyl Alcohol

Concen: 40.643 ng

RT: 8.28 min Scan# 883

Delta R.T. -0.00 min

Lab File: BG041802.D

Acq: 30 Jul 2019 15:20

Instrument :

BNA_G

ClientSampleId :

PB121801BSD

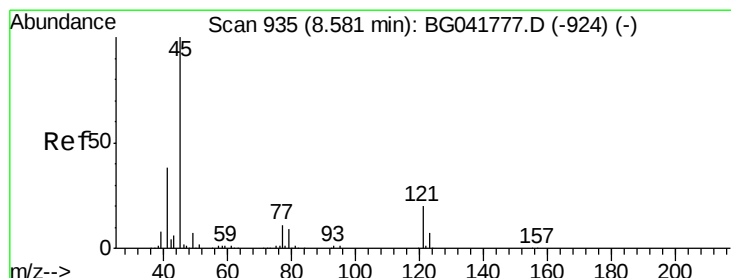
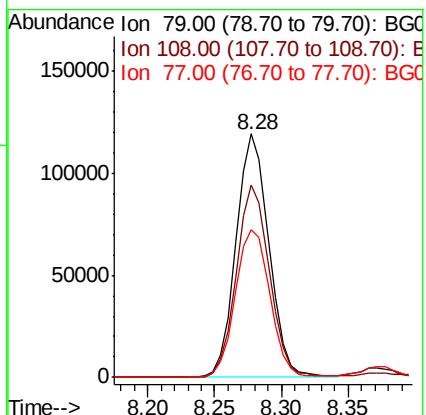
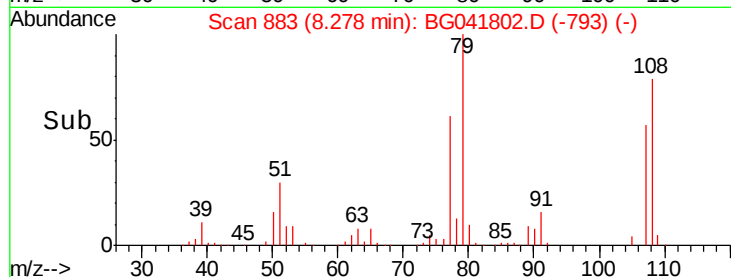
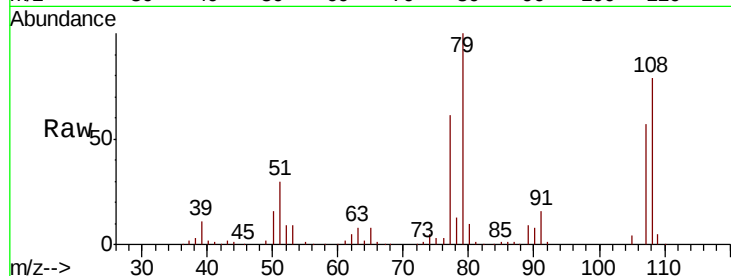
Tgt Ion: 79 Resp: 203875

Ion Ratio Lower Upper

79 100

108 78.9 60.5 90.7

77 60.8 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.679 ng

RT: 8.58 min Scan# 934

Delta R.T. -0.00 min

Lab File: BG041802.D

Acq: 30 Jul 2019 15:20

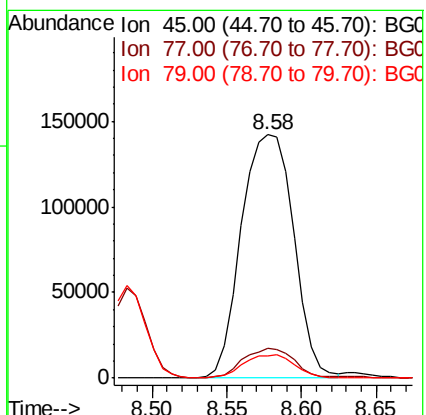
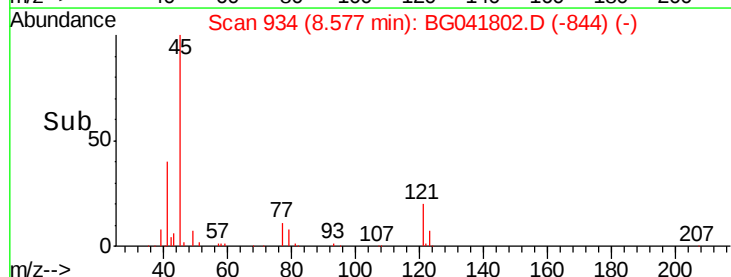
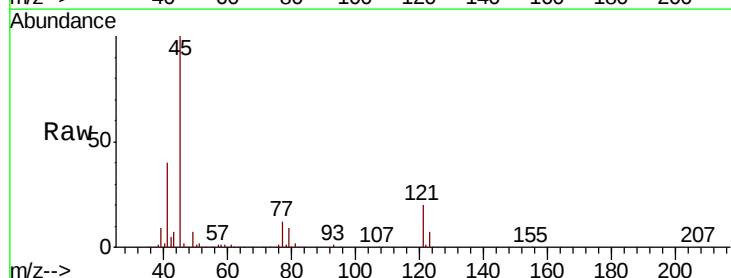
Tgt Ion: 45 Resp: 346157

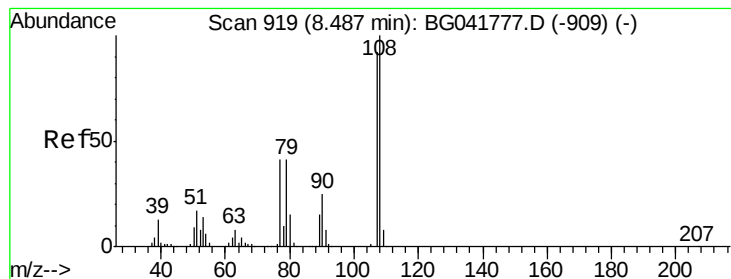
Ion Ratio Lower Upper

45 100

77 12.5 0.0 30.4

79 9.0 0.0 27.9





#17

2-Methylphenol

Concen: 41.988 ng

RT: 8.48 min Scan# 918

Delta R.T. -0.00 min

Lab File: BG041802.D

Acq: 30 Jul 2019 15:20

Instrument :

BNA_G

ClientSampleId :

PB121801BSD

Tgt Ion:107 Resp: 202554

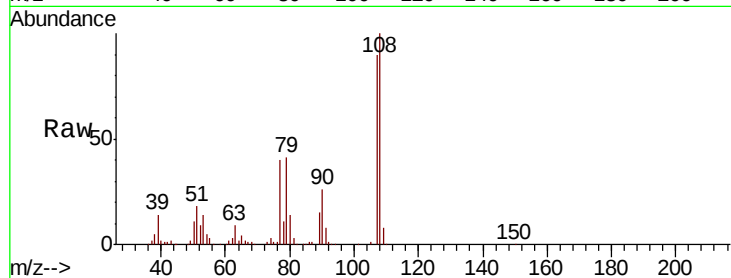
Ion Ratio Lower Upper

107 100

108 110.9 87.6 131.4

77 44.8 36.1 54.1

79 45.8 36.4 54.6



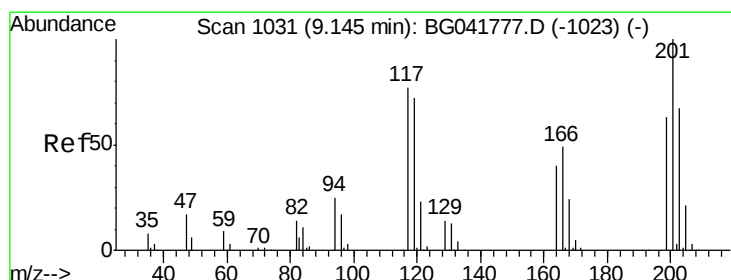
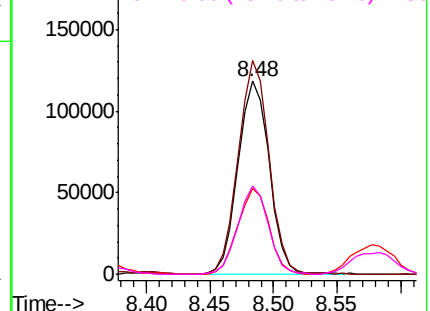
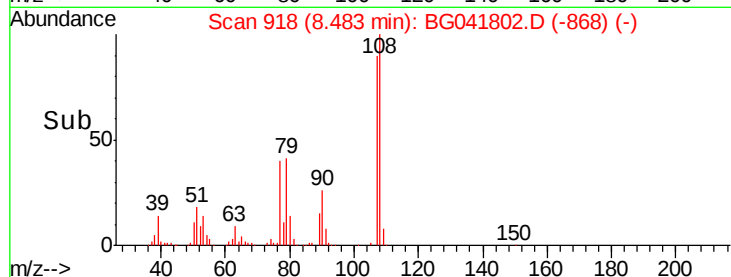
Abundance

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: 35.865 ng

RT: 9.14 min Scan# 1030

Delta R.T. -0.00 min

Lab File: BG041802.D

Acq: 30 Jul 2019 15:20

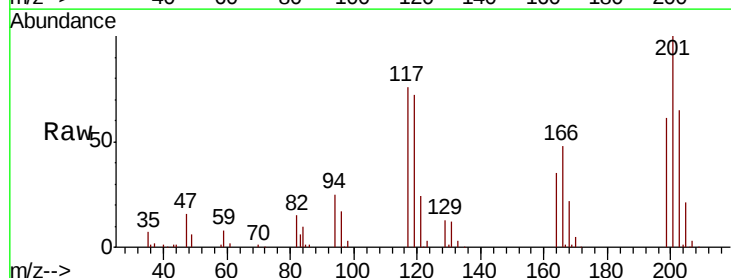
Tgt Ion:117 Resp: 86865

Ion Ratio Lower Upper

117 100

119 95.1 76.2 114.2

201 131.6 94.1 141.1

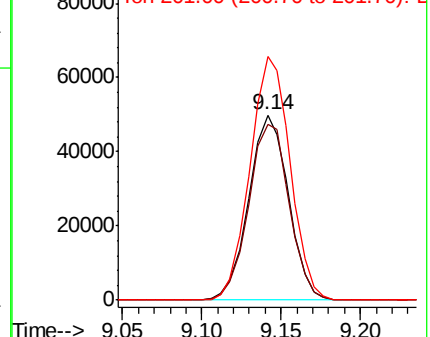
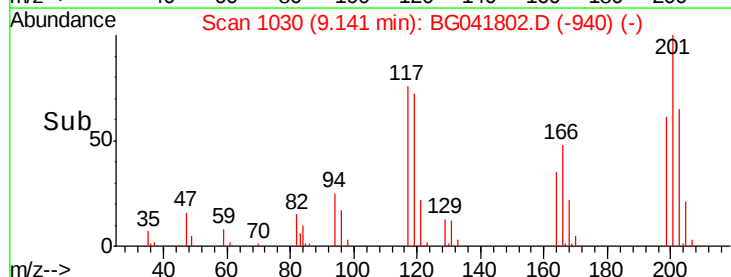


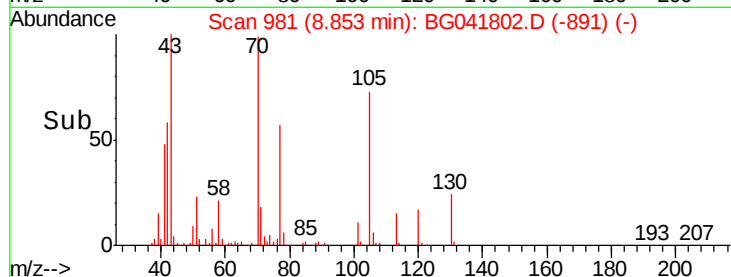
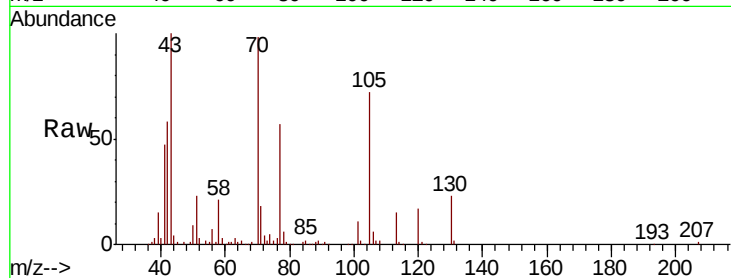
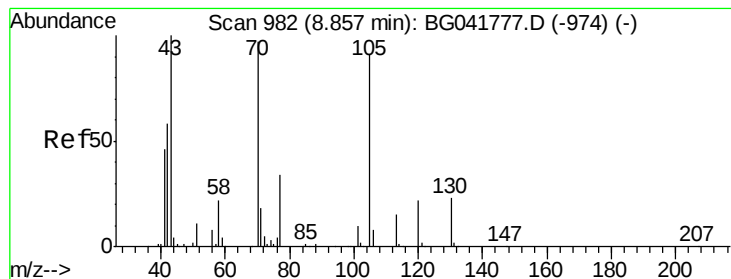
Abundance

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: 37.949 ng

RT: 8.85 min Scan# 981

Delta R.T. -0.00 min

Lab File: BG041802.D

Acq: 30 Jul 2019 15:20

Instrument :

BNA_G

ClientSampleId :

PB121801BSD

Tgt Ion: 70 Resp: 175668

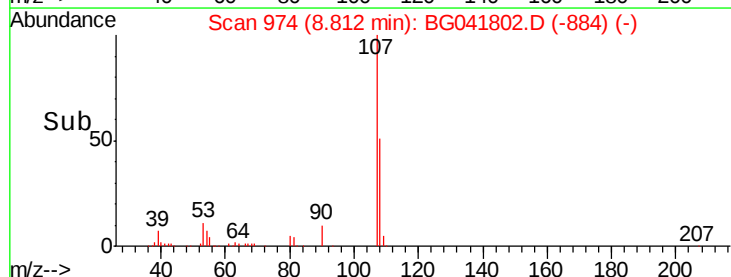
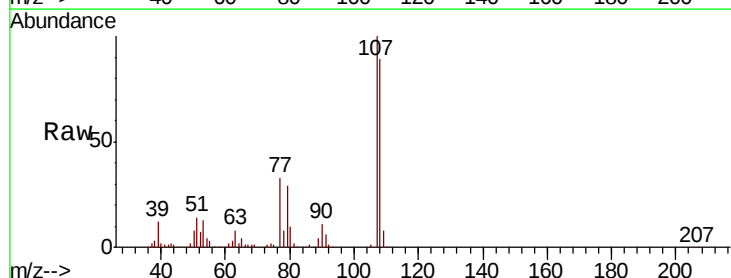
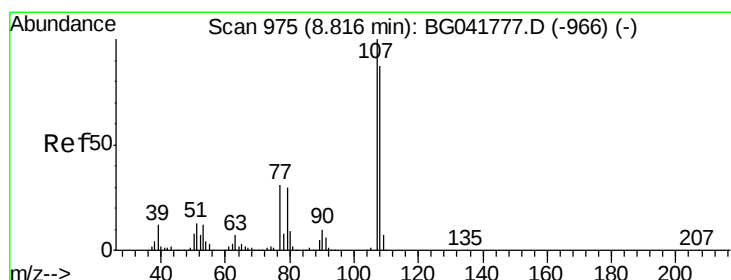
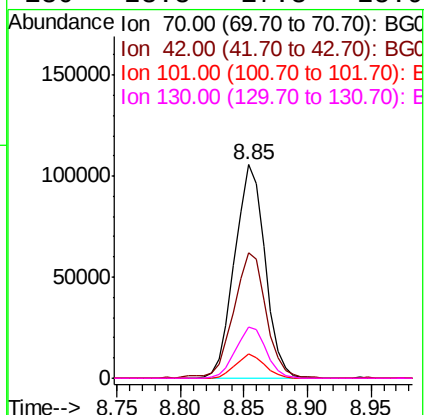
Ion Ratio Lower Upper

70 100

42 58.5 55.8 83.6

101 11.1 8.1 12.1

130 23.8 17.3 25.9



#20

3+4-Methylphenols

Concen: 42.177 ng

RT: 8.81 min Scan# 974

Delta R.T. -0.00 min

Lab File: BG041802.D

Acq: 30 Jul 2019 15:20

Tgt Ion: 107 Resp: 278435

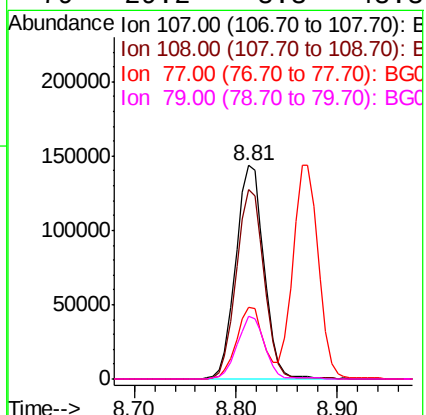
Ion Ratio Lower Upper

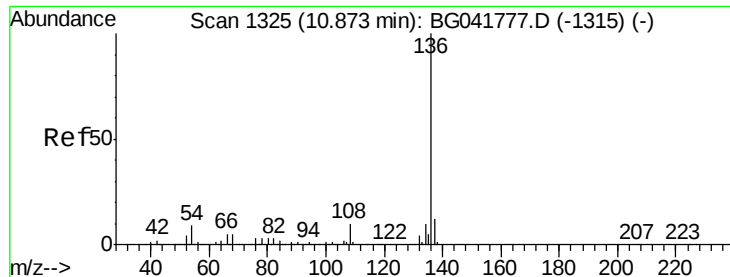
107 100

108 88.7 67.5 107.5

77 33.5 12.3 52.3

79 29.2 8.3 48.3

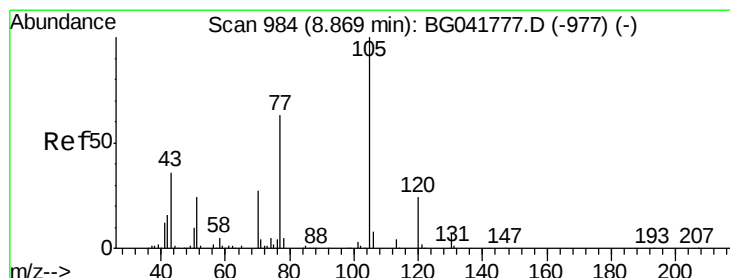
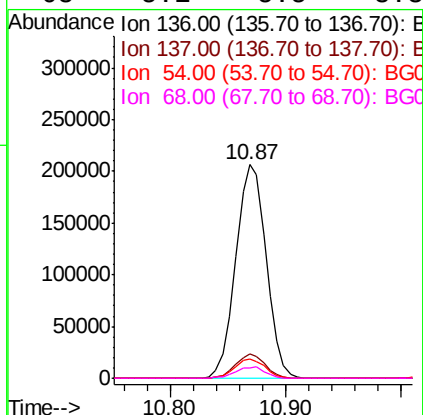
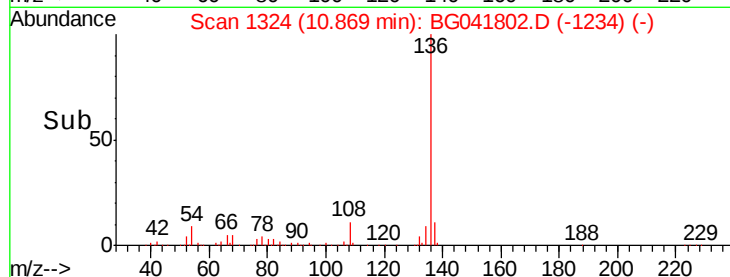
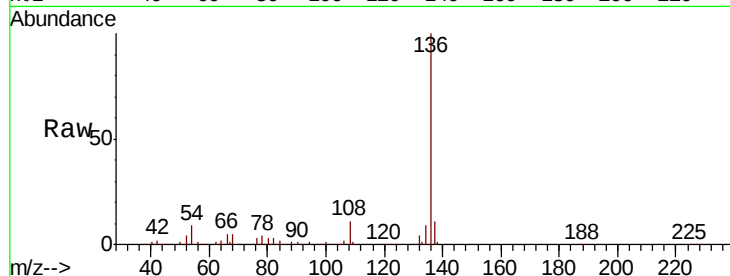




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BG041802.D
Acq: 30 Jul 2019 15:20

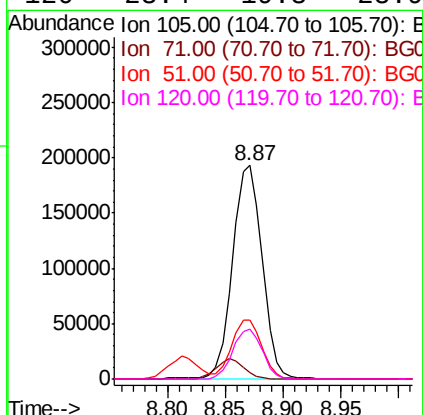
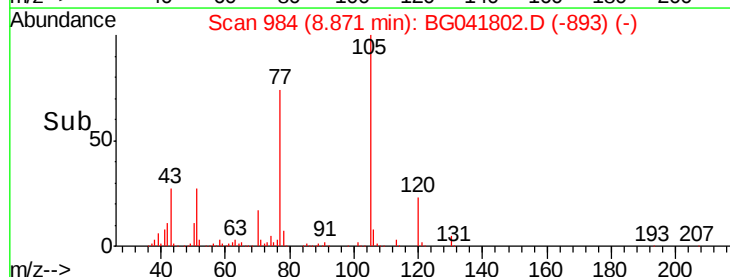
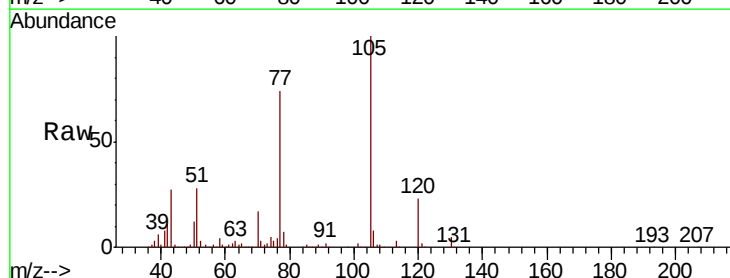
Instrument :
BNA_G
ClientSampleId :
PB121801BSD

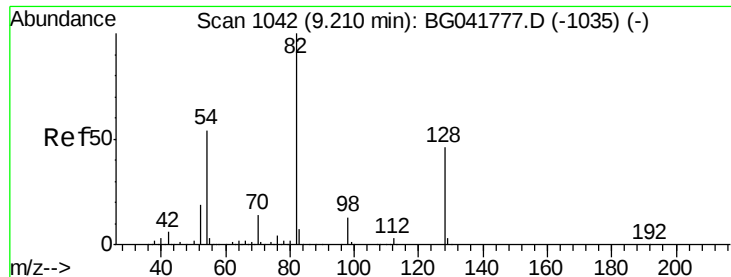
Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.2	13.8
54	9.0	8.7	13.1
68	5.1	5.5	8.3#



#22
Acetophenone
Concen: 40.514 ng
RT: 8.87 min Scan# 984
Delta R.T. 0.00 min
Lab File: BG041802.D
Acq: 30 Jul 2019 15:20

Tgt Ion	Ratio	Lower	Upper
105	100		
71	2.7	5.9	8.9#
51	27.5	27.7	41.5#
120	23.4	19.3	28.9





#23

Nitrobenzene-d5

Concen: 88.850 ng

RT: 9.21 min Scan# 1042

Delta R.T. 0.00 min

Lab File: BG041802.D

Acq: 30 Jul 2019 15:20

Instrument :

BNA_G

ClientSampleId :

PB121801BSD

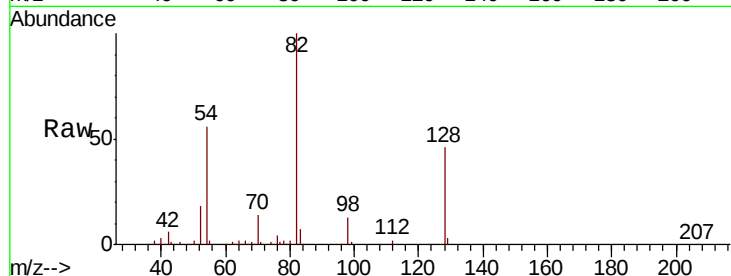
Tgt Ion: 82 Resp: 485520

Ion Ratio Lower Upper

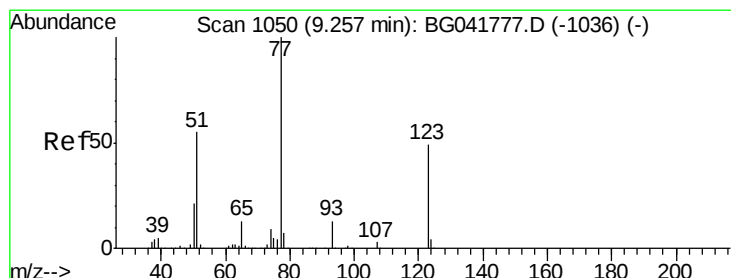
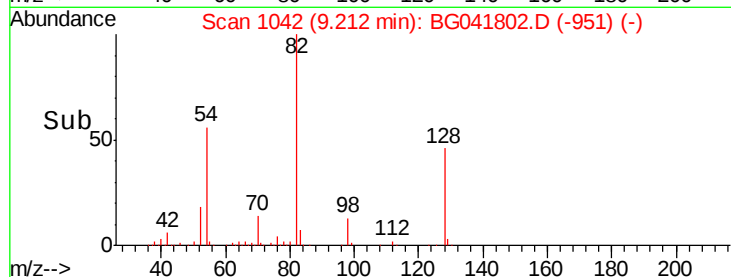
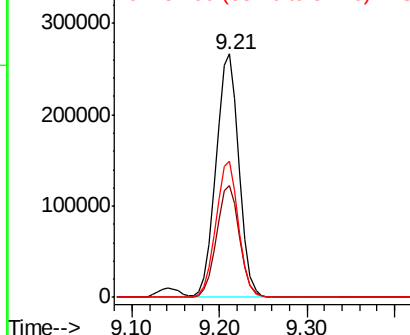
82 100

128 46.1 35.1 52.7

54 55.8 48.7 73.1



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#24

Nitrobenzene

Concen: 42.497 ng

RT: 9.25 min Scan# 1049

Delta R.T. -0.00 min

Lab File: BG041802.D

Acq: 30 Jul 2019 15:20

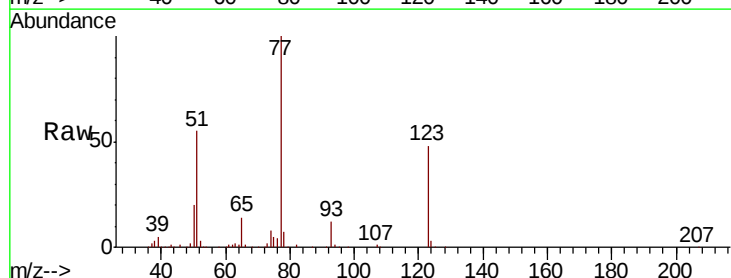
Tgt Ion: 77 Resp: 244647

Ion Ratio Lower Upper

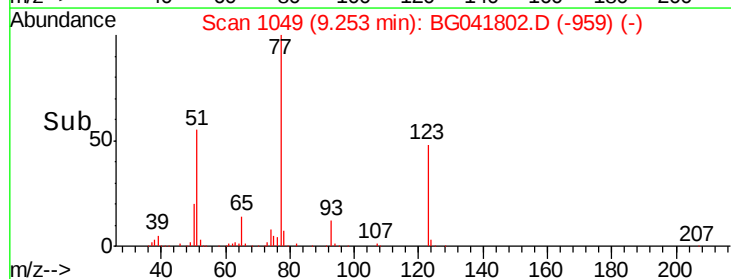
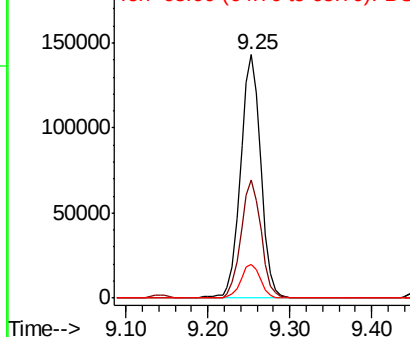
77 100

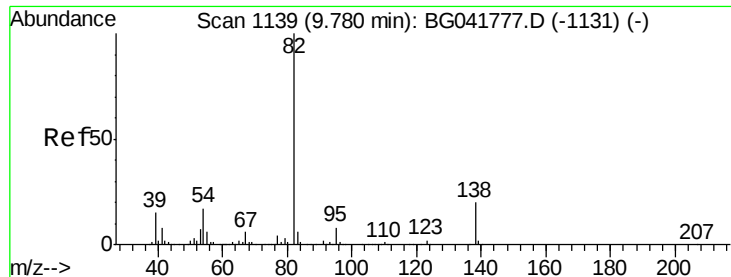
123 48.5 38.1 57.1

65 13.9 11.0 16.6



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 40.257 ng

RT: 9.78 min Scan# 1139

Delta R.T. 0.00 min

Lab File: BG041802.D

Acq: 30 Jul 2019 15:20

Instrument :

BNA_G

ClientSampleId :

PB121801BSD

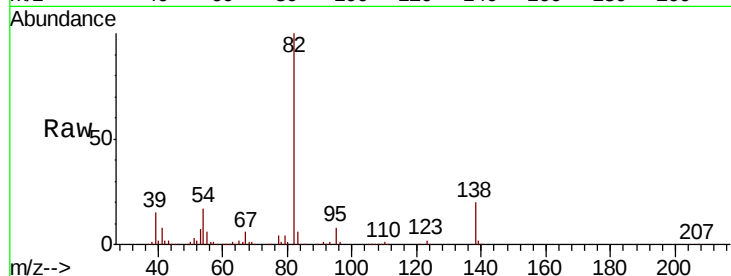
Tgt Ion: 82 Resp: 478548

Ion Ratio Lower Upper

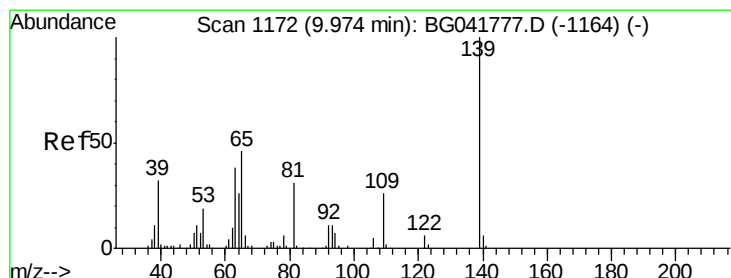
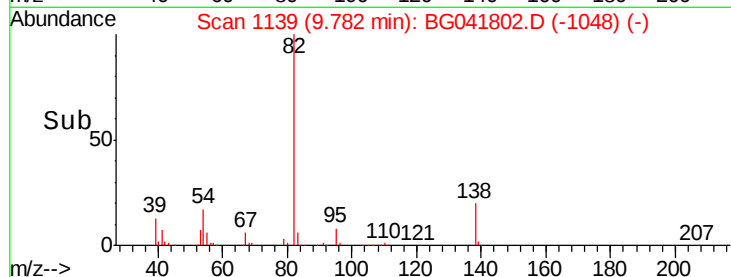
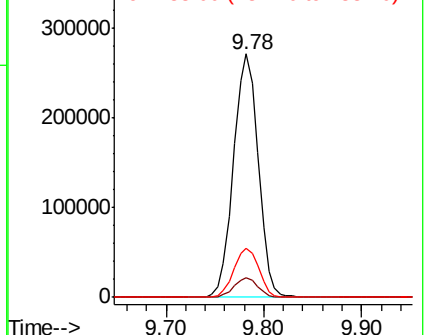
82 100

95 8.1 5.9 8.9

138 20.3 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: 49.071 ng

RT: 9.97 min Scan# 1171

Delta R.T. -0.00 min

Lab File: BG041802.D

Acq: 30 Jul 2019 15:20

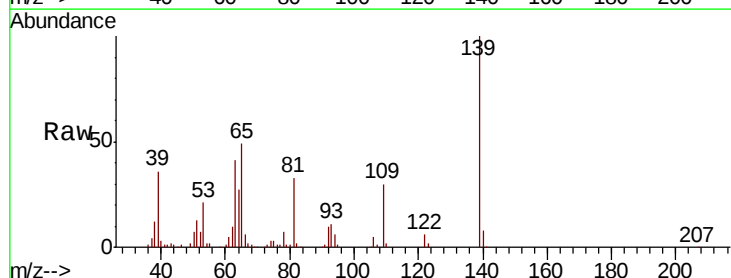
Tgt Ion: 139 Resp: 131108

Ion Ratio Lower Upper

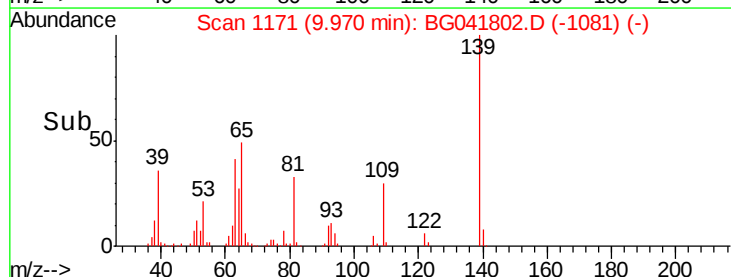
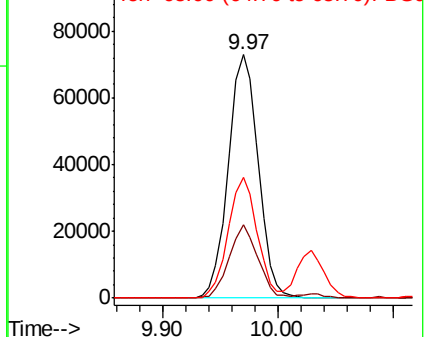
139 100

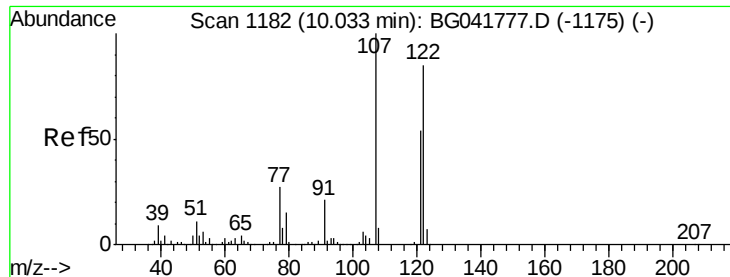
109 30.3 22.7 34.1

65 49.5 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

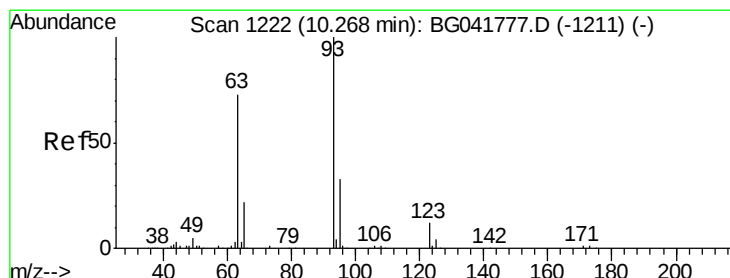
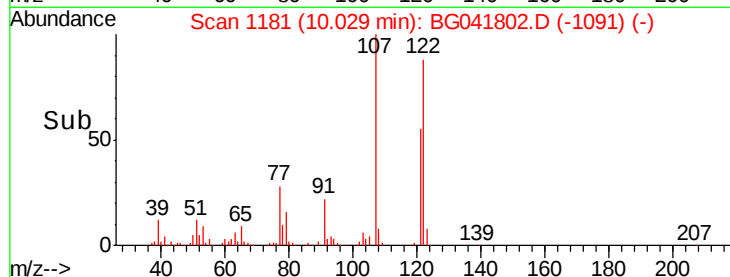
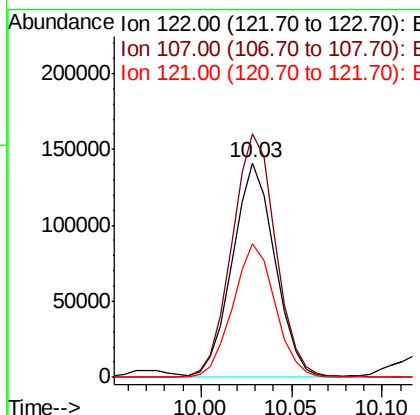
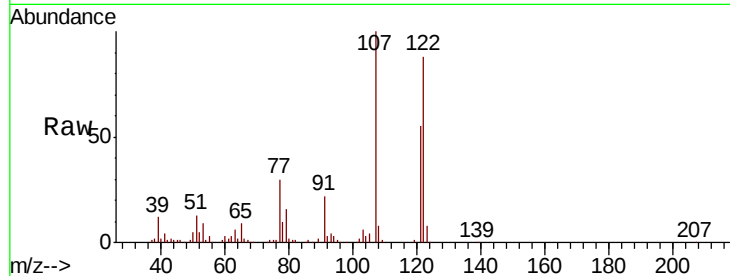




#27
 2,4-Dimethylphenol
 Concen: 48.661 ng
 RT: 10.03 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: BG041802.D
 Acq: 30 Jul 2019 15:20

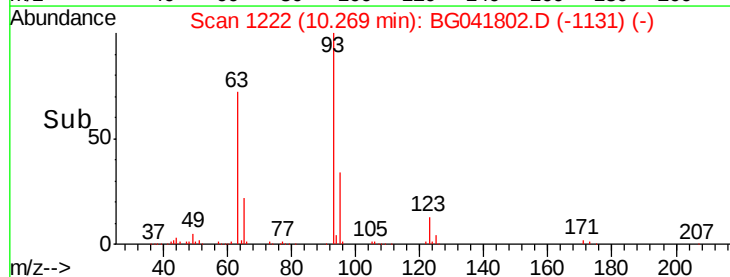
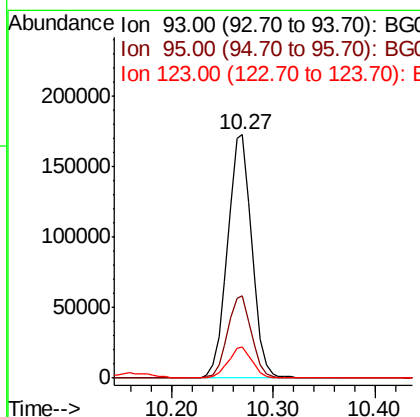
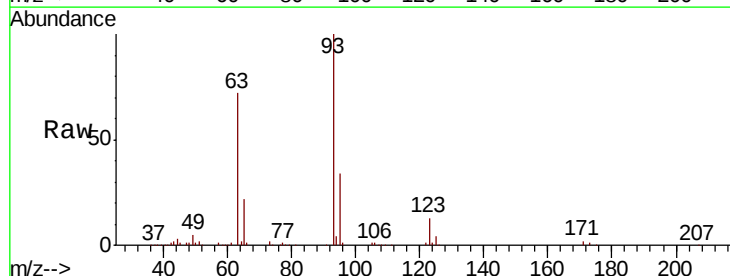
Instrument :
 BNA_G
 ClientSampleId :
 PB121801BSD

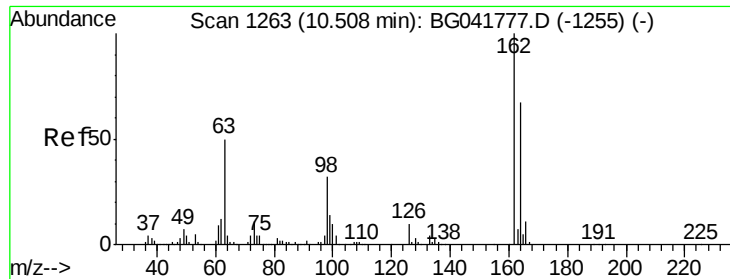
Tgt Ion	Ratio	Lower	Upper
122	100		
107	113.6	91.3	136.9
121	62.4	49.2	73.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.534 ng
 RT: 10.27 min Scan# 1222
 Delta R.T. 0.00 min
 Lab File: BG041802.D
 Acq: 30 Jul 2019 15:20

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.8	26.2	39.4
123	12.6	9.9	14.9

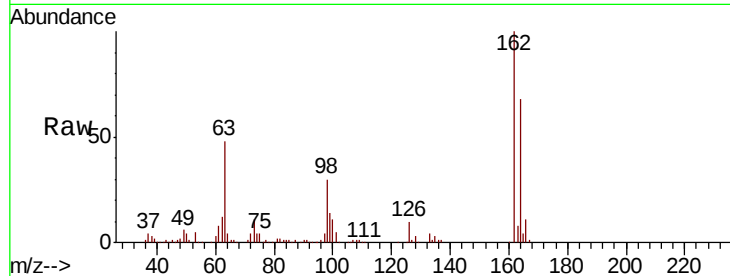




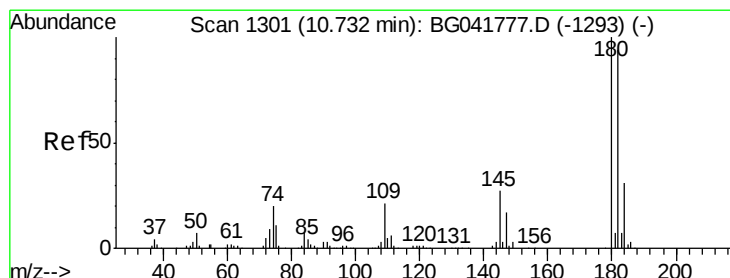
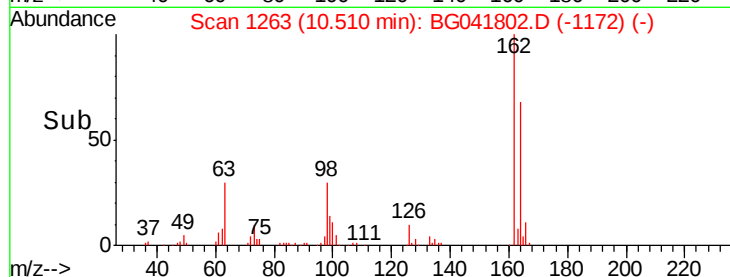
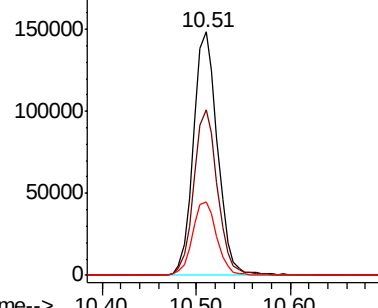
#29
 2,4-Dichlorophenol
 Concen: 46.276 ng
 RT: 10.51 min Scan# 1263
 Delta R.T. 0.00 min
 Lab File: BG041802.D
 Acq: 30 Jul 2019 15:20

Instrument :
 BNA_G
 ClientSampleId :
 PB121801BSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	67.9	46.1	86.1
98	30.2	14.7	54.7

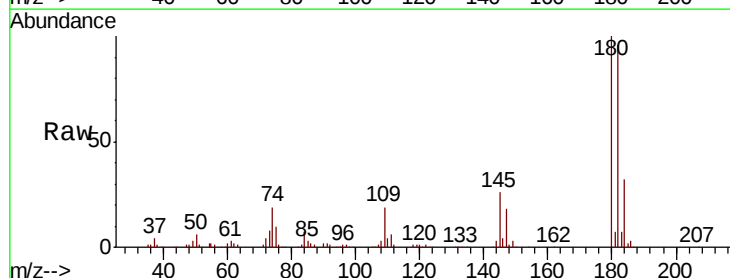


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

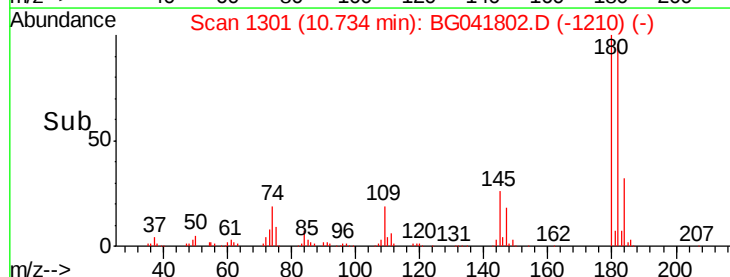
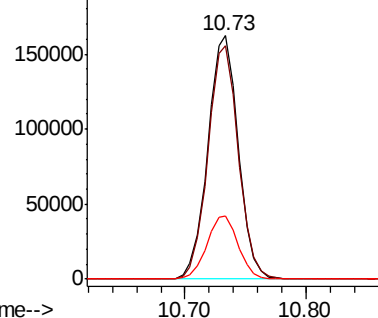


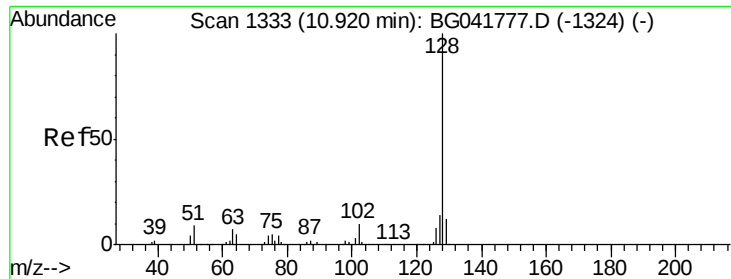
#30
 1,2,4-Trichlorobenzene
 Concen: 39.084 ng
 RT: 10.73 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: BG041802.D
 Acq: 30 Jul 2019 15:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	76.2	114.2
145	26.2	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

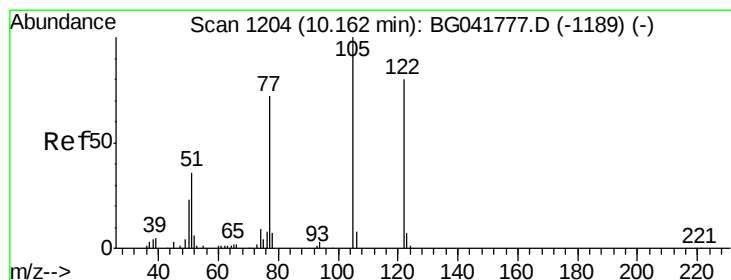
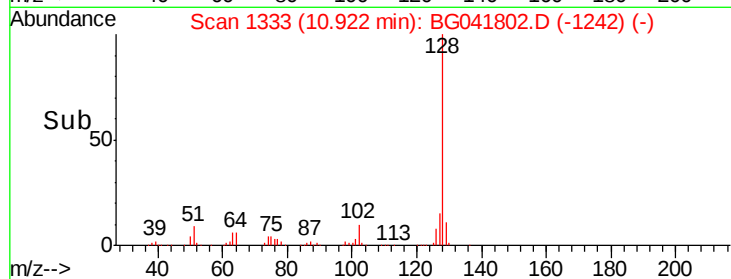
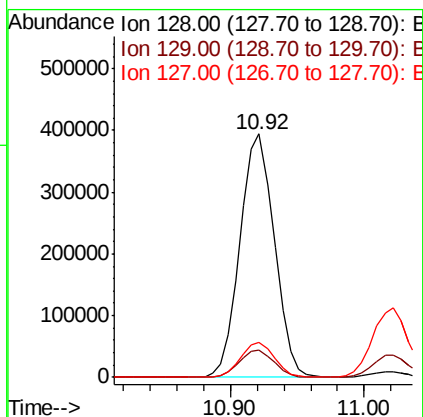
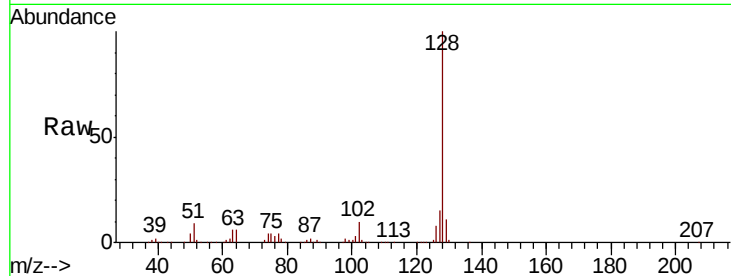




#31
Naphthalene
Concen: 40.736 ng
RT: 10.92 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BG041802.D
Acq: 30 Jul 2019 15:20

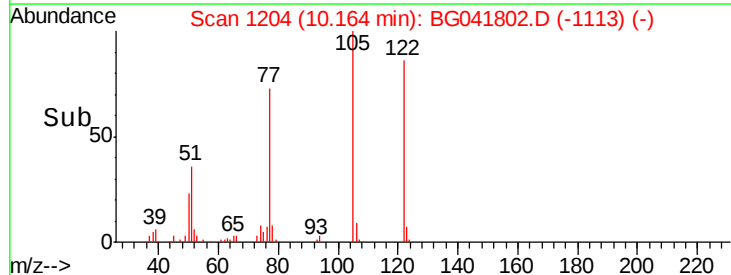
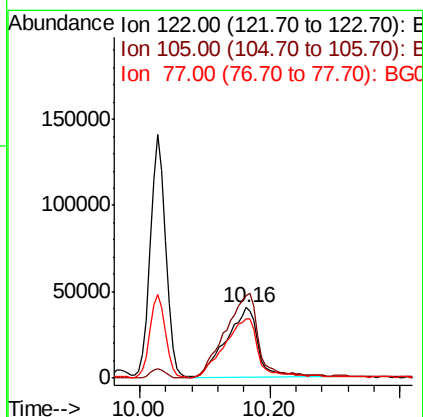
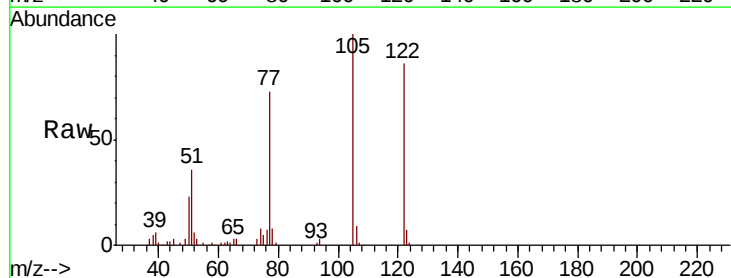
Instrument :
BNA_G
ClientSampleId :
PB121801BSD

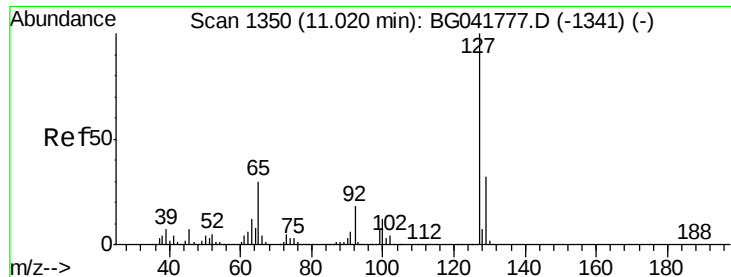
Tgt Ion:128 Resp: 701088
Ion Ratio Lower Upper
128 100
129 11.5 10.0 15.0
127 14.5 12.3 18.5



#32
Benzoic acid
Concen: 42.687 ng
RT: 10.16 min Scan# 1204
Delta R.T. 0.00 min
Lab File: BG041802.D
Acq: 30 Jul 2019 15:20

Tgt Ion:122 Resp: 139824
Ion Ratio Lower Upper
122 100
105 116.6 101.5 141.5
77 84.7 73.0 113.0

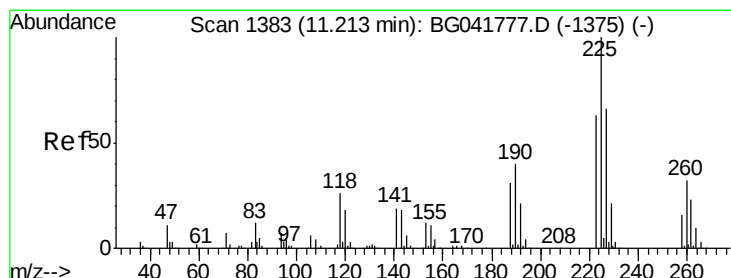
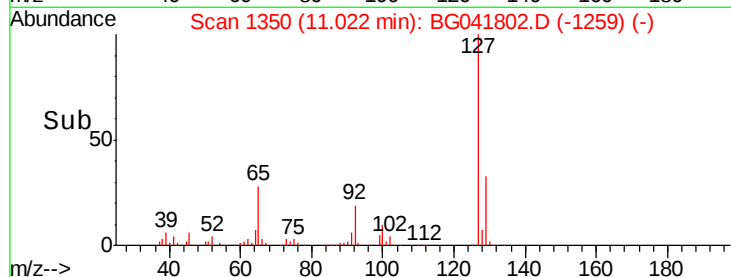
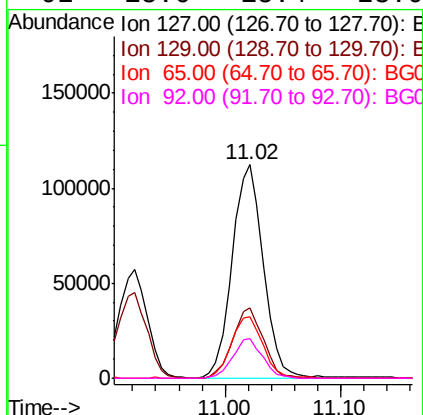
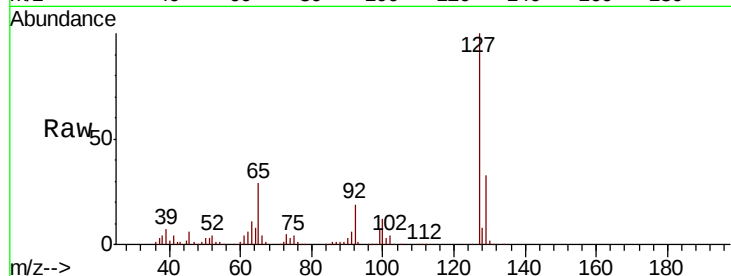




#33
4-Chloroaniline
Concen: 25.593 ng
RT: 11.02 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BG041802.D
Acq: 30 Jul 2019 15:20

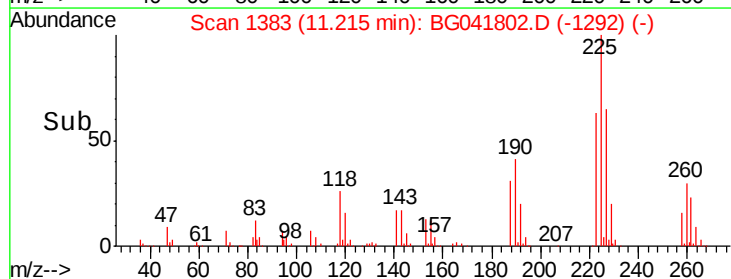
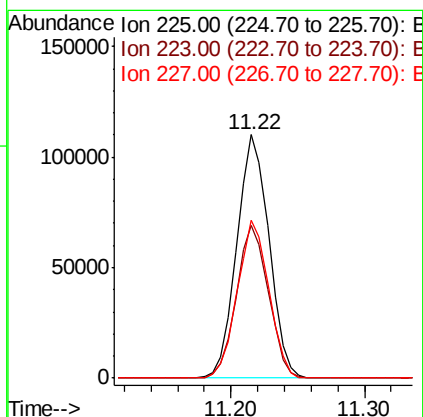
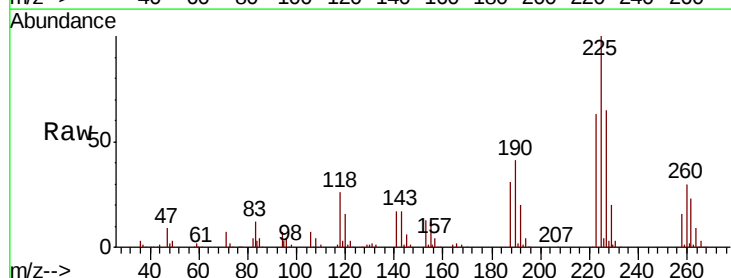
Instrument :
BNA_G
ClientSampleId :
PB121801BSD

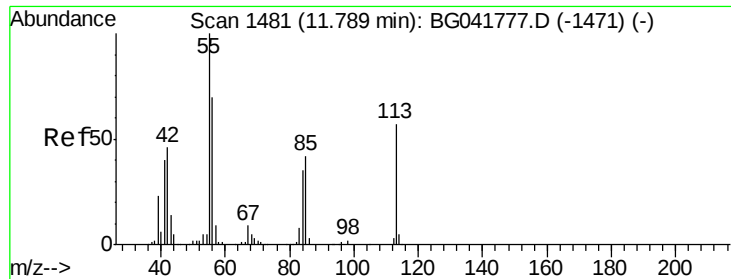
Tgt Ion:	127	Resp:	208883
Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.8	38.8
65	28.8	26.7	40.1
92	18.6	15.4	23.0



#34
Hexachlorobutadiene
Concen: 37.320 ng
RT: 11.22 min Scan# 1383
Delta R.T. 0.00 min
Lab File: BG041802.D
Acq: 30 Jul 2019 15:20

Tgt Ion:	225	Resp:	183422
Ion	Ratio	Lower	Upper
225	100		
223	63.0	51.1	76.7
227	64.6	50.9	76.3

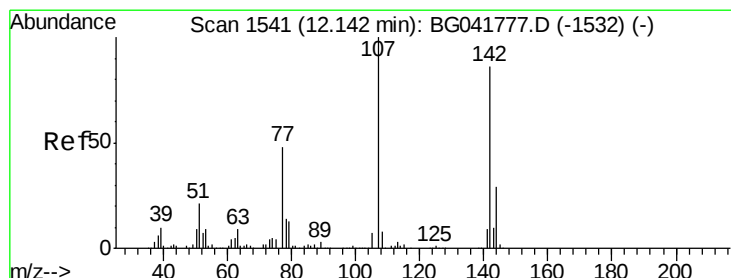
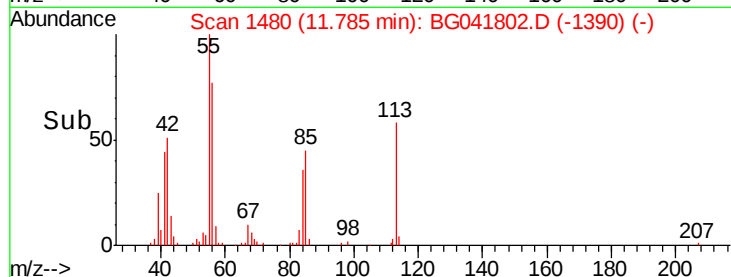
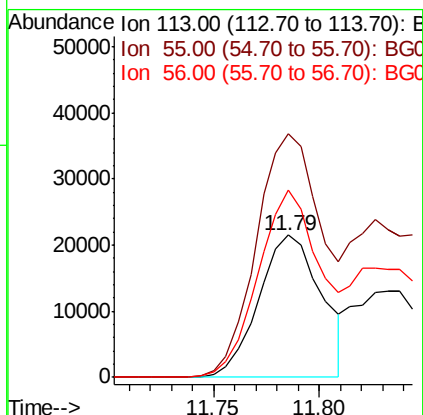
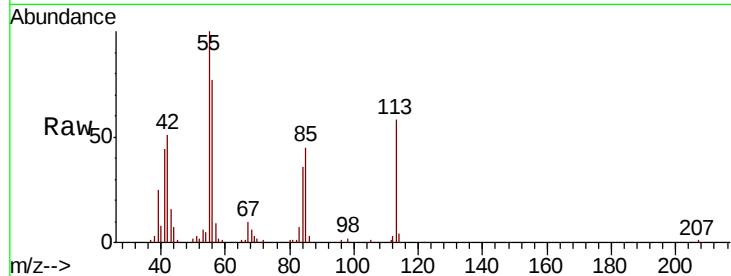




#35
 Caprolactam
 Concen: 22.252 ng
 RT: 11.79 min Scan# 1480
 Delta R.T. -0.00 min
 Lab File: BG041802.D
 Acq: 30 Jul 2019 15:20

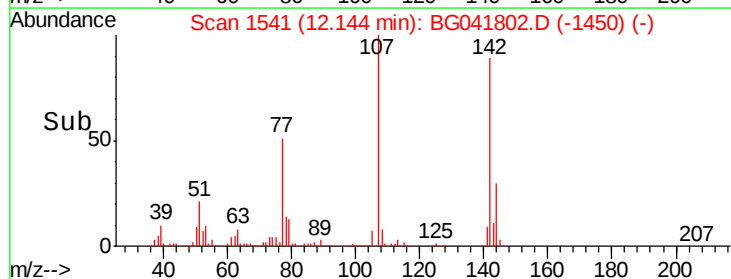
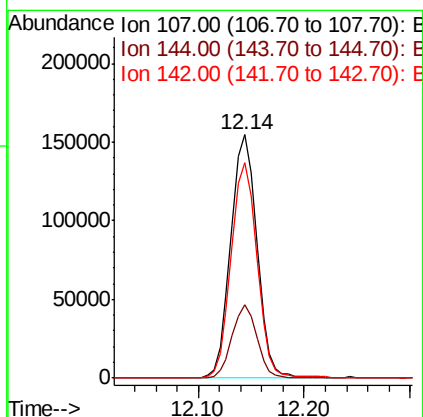
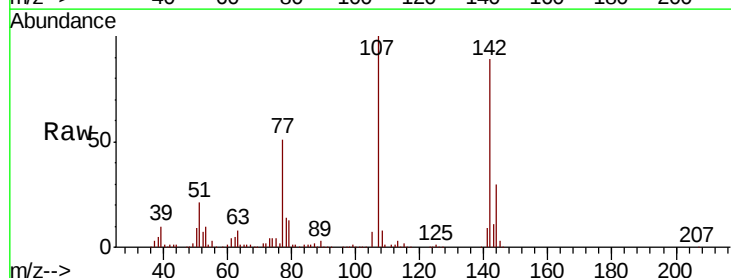
Instrument :
 BNA_G
 ClientSampleId :
 PB121801BSD

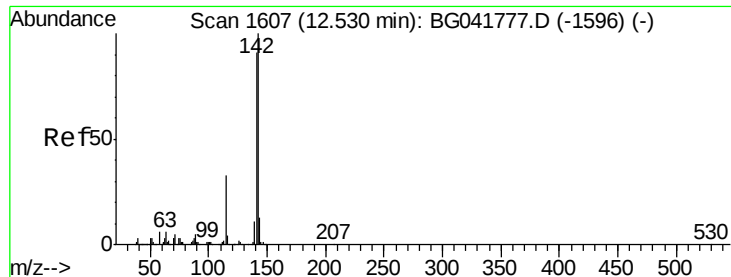
Tgt Ion:113 Resp: 44408
 Ion Ratio Lower Upper
 113 100
 55 171.5 199.4 239.4#
 56 132.2 133.6 173.6#



#36
 4-Chloro-3-methylphenol
 Concen: 46.753 ng
 RT: 12.14 min Scan# 1541
 Delta R.T. 0.00 min
 Lab File: BG041802.D
 Acq: 30 Jul 2019 15:20

Tgt Ion:107 Resp: 266176
 Ion Ratio Lower Upper
 107 100
 144 30.4 22.2 33.2
 142 88.8 67.3 100.9

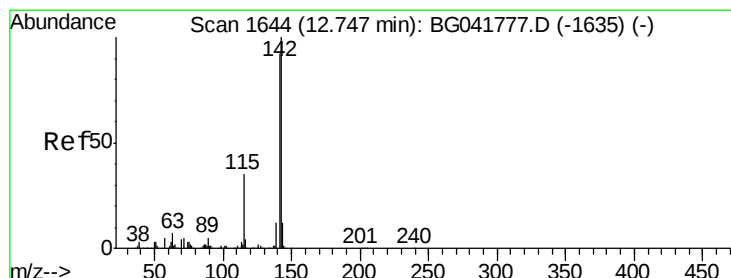
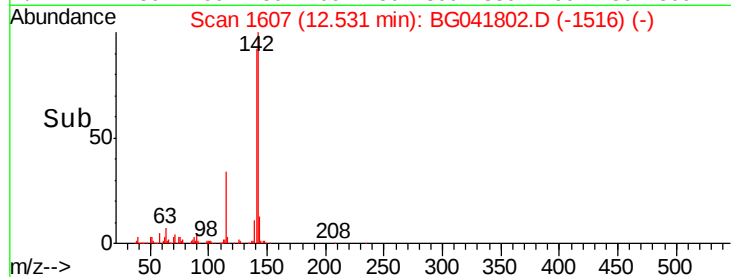
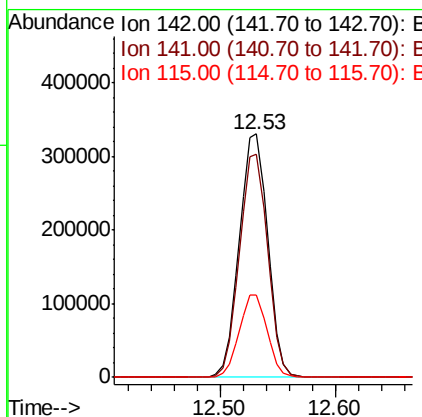
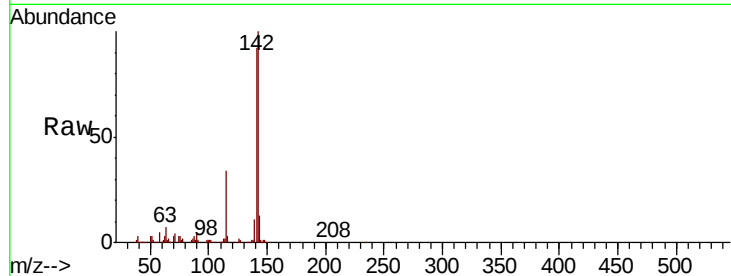




#37
2-Methylnaphthalene
Concen: 41.549 ng
RT: 12.53 min Scan# 1607
Delta R.T. 0.00 min
Lab File: BG041802.D
Acq: 30 Jul 2019 15:20

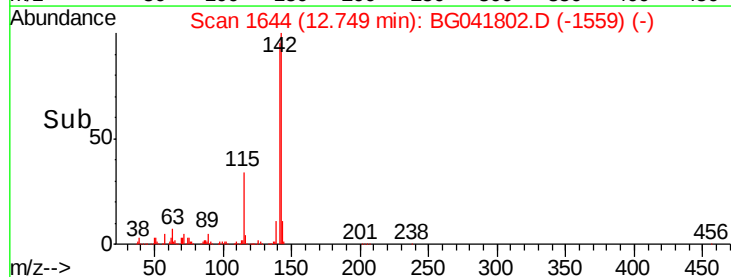
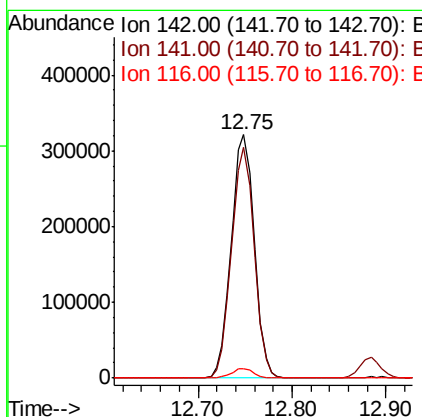
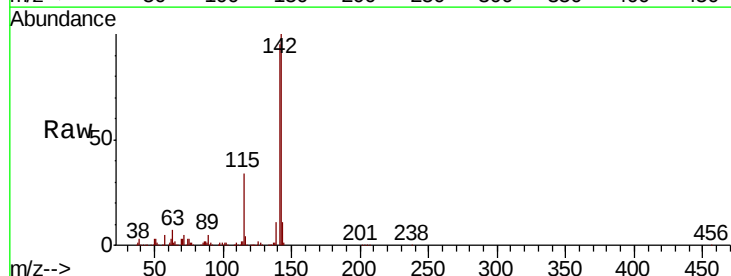
Instrument :
BNA_G
ClientSampleId :
PB121801BSD

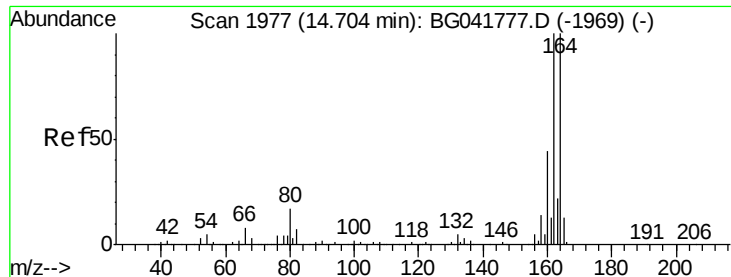
Tgt Ion:142 Resp: 566009
Ion Ratio Lower Upper
142 100
141 91.9 72.7 109.1
115 33.7 27.0 40.4



#38
1-Methylnaphthalene
Concen: 42.371 ng
RT: 12.75 min Scan# 1644
Delta R.T. 0.00 min
Lab File: BG041802.D
Acq: 30 Jul 2019 15:20

Tgt Ion:142 Resp: 547005
Ion Ratio Lower Upper
142 100
141 95.0 75.4 113.2
116 3.9 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.71 min Scan# 1977

Delta R.T. 0.00 min

Lab File: BG041802.D

Acq: 30 Jul 2019 15:20

Instrument :

BNA_G

ClientSampleId :

PB121801BSD

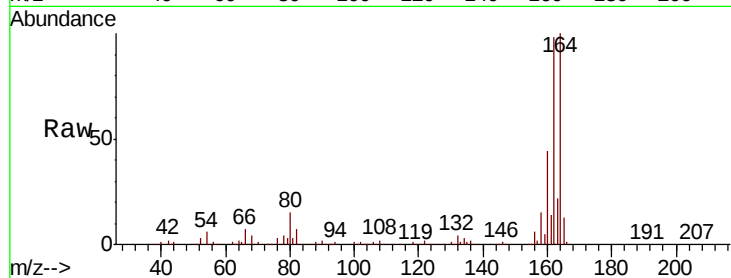
Tgt Ion:164 Resp: 281398

Ion Ratio Lower Upper

164 100

162 98.1 79.6 119.4

160 44.3 35.4 53.0

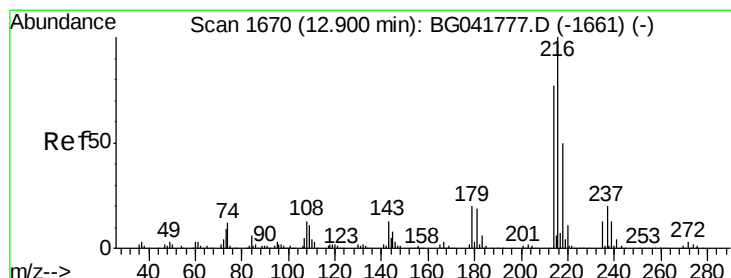
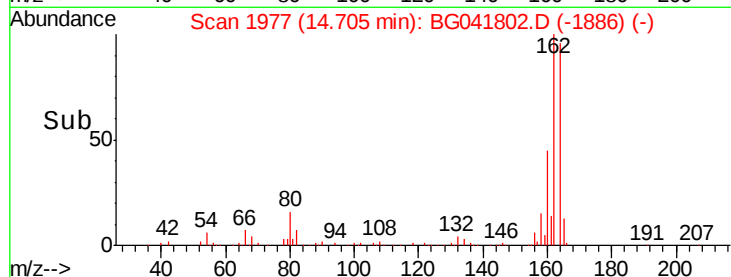
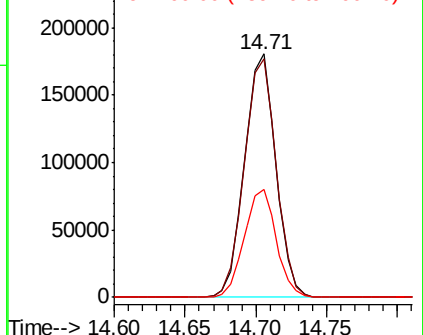


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.023 ng

RT: 12.90 min Scan# 1669

Delta R.T. -0.00 min

Lab File: BG041802.D

Acq: 30 Jul 2019 15:20

Tgt Ion:216 Resp: 356500

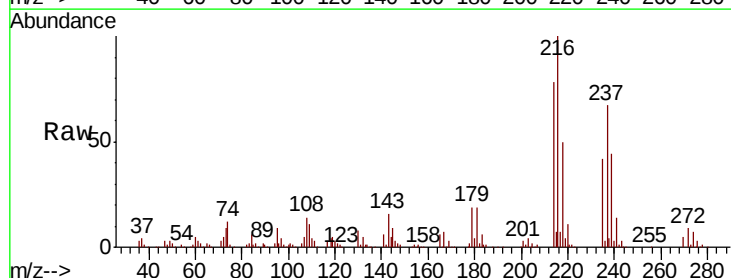
Ion Ratio Lower Upper

216 100

214 77.1 61.5 92.3

179 19.1 16.2 24.2

108 15.0 13.2 19.8



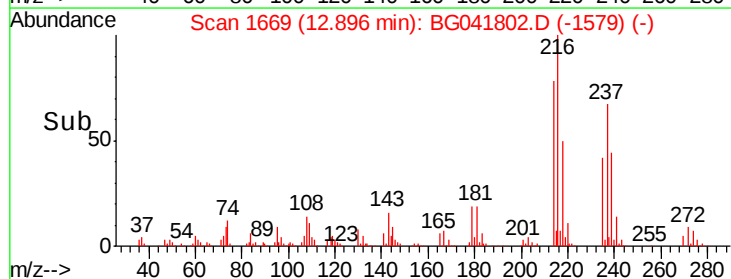
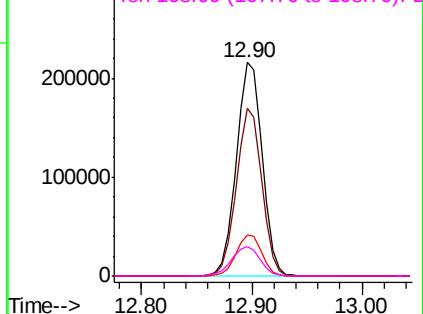
Abundance

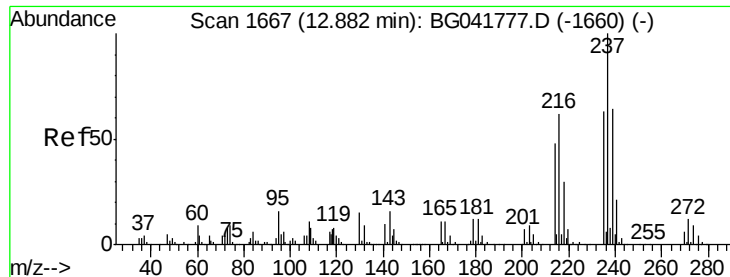
Ion 216.00 (215.70 to 216.70): E

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: 84.881 ng

RT: 12.88 min Scan# 1667

Delta R.T. 0.00 min

Lab File: BG041802.D

Acq: 30 Jul 2019 15:20

Instrument :

BNA_G

ClientSampleId :

PB121801BSD

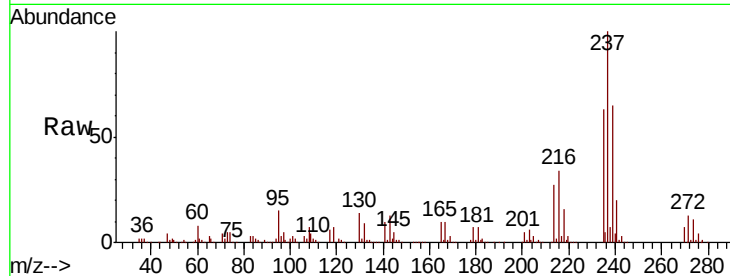
Tgt Ion: 237 Resp: 425084

Ion Ratio Lower Upper

237 100

235 62.6 43.5 83.5

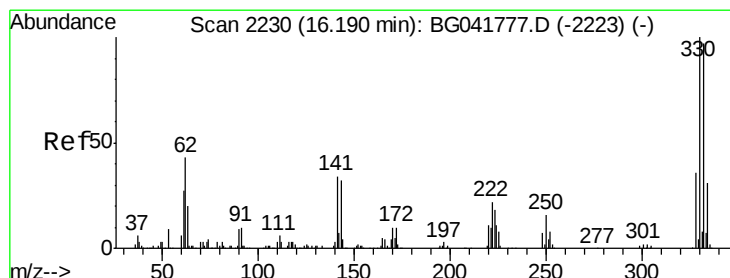
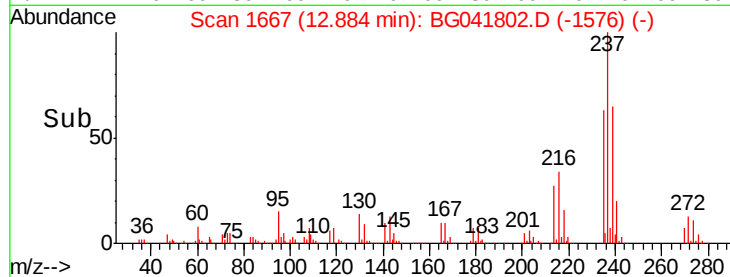
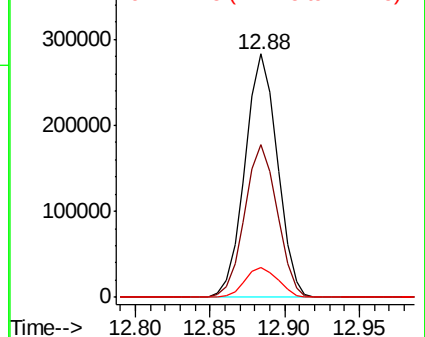
272 12.5 0.0 31.2



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 142.305 ng

RT: 16.19 min Scan# 2230

Delta R.T. 0.00 min

Lab File: BG041802.D

Acq: 30 Jul 2019 15:20

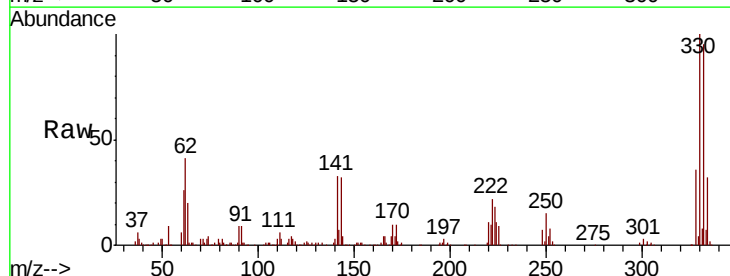
Tgt Ion: 330 Resp: 454849

Ion Ratio Lower Upper

330 100

332 96.7 77.4 116.0

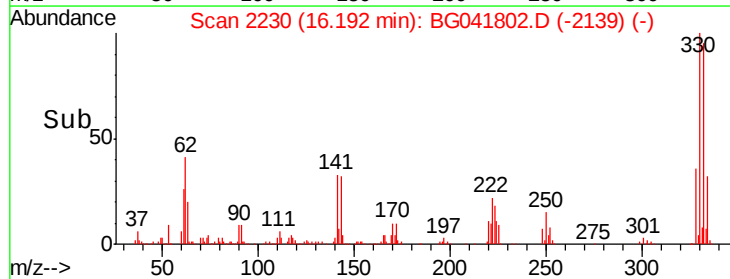
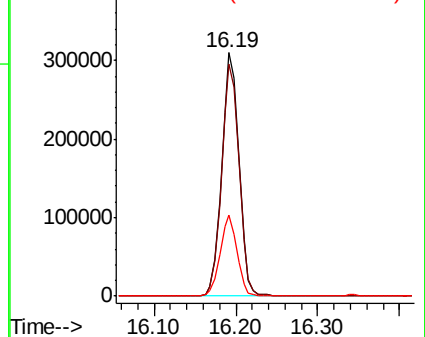
141 32.6 31.9 47.9



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

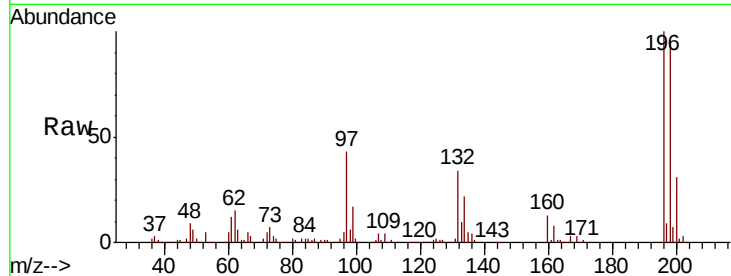




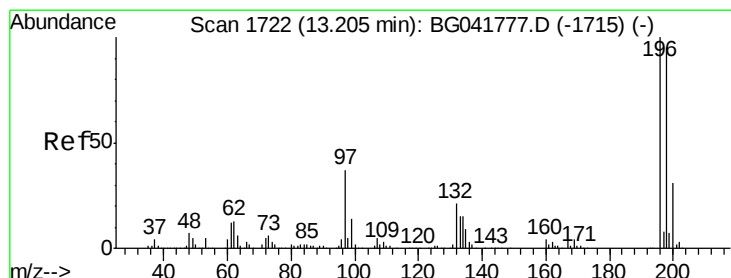
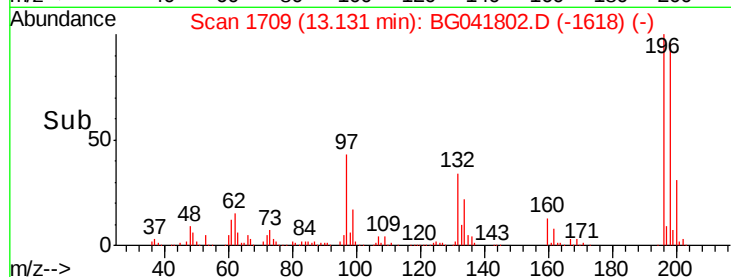
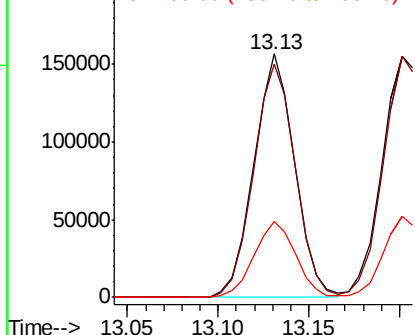
#43
 2,4,6-Trichlorophenol
 Concen: 43.282 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. 0.00 min
 Lab File: BG041802.D
 Acq: 30 Jul 2019 15:20

Instrument :
 BNA_G
 ClientSampleId :
 PB121801BSD

Tgt Ion:196 Resp: 243674
 Ion Ratio Lower Upper
 196 100
 198 95.8 79.6 119.4
 200 31.3 25.2 37.8



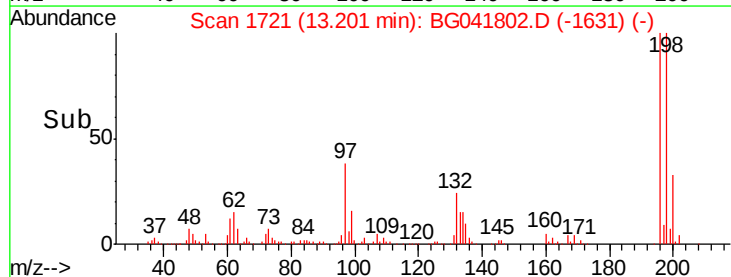
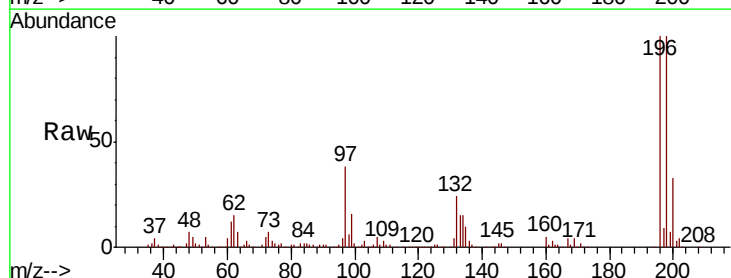
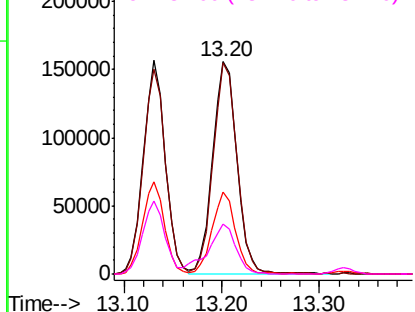
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

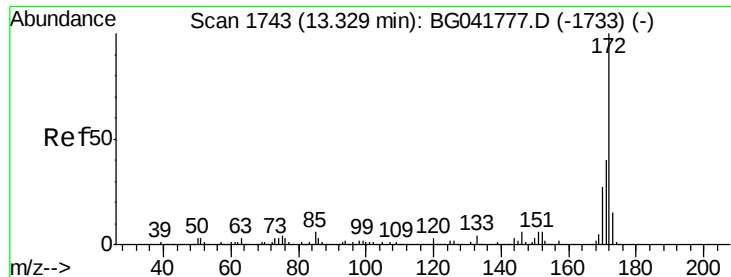


#44
 2,4,5-Trichlorophenol
 Concen: 45.825 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.00 min
 Lab File: BG041802.D
 Acq: 30 Jul 2019 15:20

Tgt Ion:196 Resp: 268097
 Ion Ratio Lower Upper
 196 100
 198 100.0 80.6 121.0
 97 38.4 33.9 50.9
 132 23.9 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: 83.643 ng

RT: 13.32 min Scan# 1742

Delta R.T. -0.00 min

Lab File: BG041802.D

Acq: 30 Jul 2019 15:20

Instrument :

BNA_G

ClientSampleId :

PB121801BSD

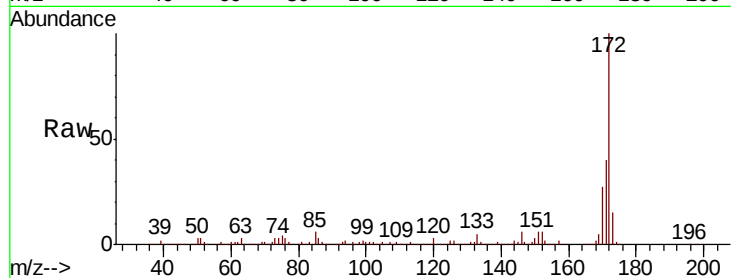
Tgt Ion:172 Resp: 1334499

Ion Ratio Lower Upper

172 100

171 40.3 35.0 52.4

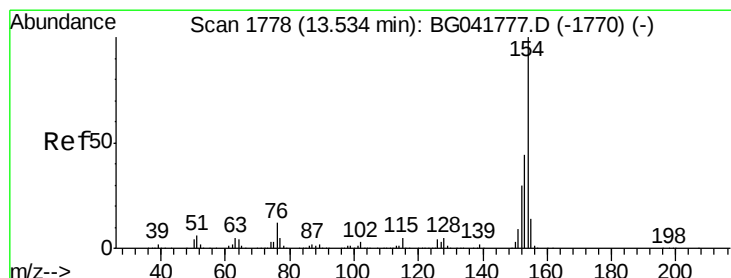
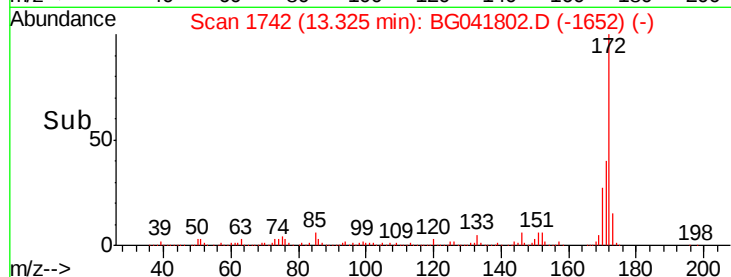
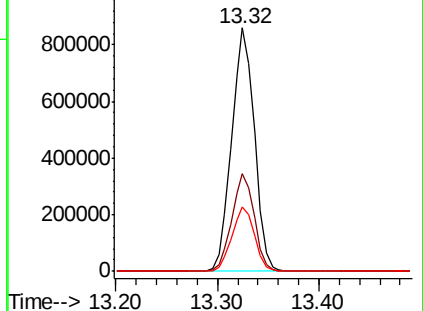
170 26.6 23.5 35.3



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 40.780 ng

RT: 13.54 min Scan# 1778

Delta R.T. 0.00 min

Lab File: BG041802.D

Acq: 30 Jul 2019 15:20

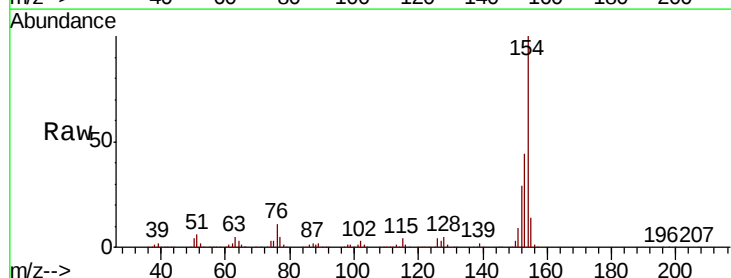
Tgt Ion:154 Resp: 737665

Ion Ratio Lower Upper

154 100

153 43.6 25.0 65.0

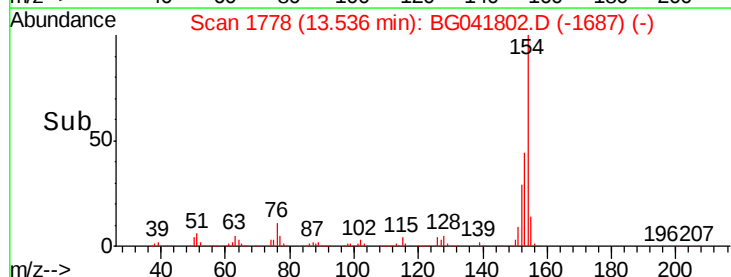
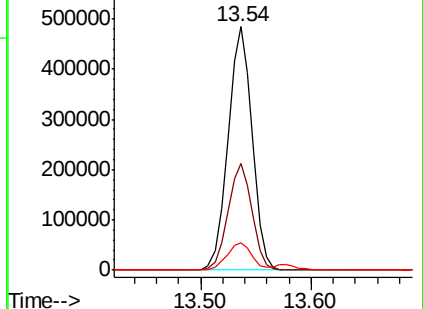
76 11.4 0.0 34.5

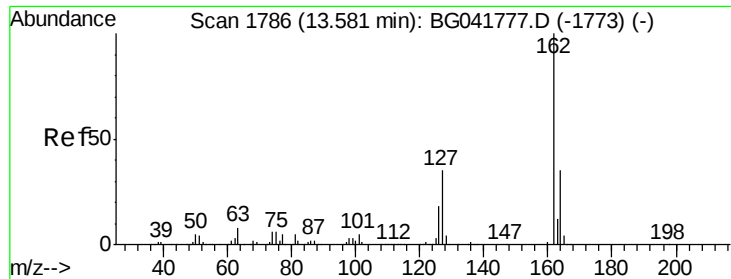


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG

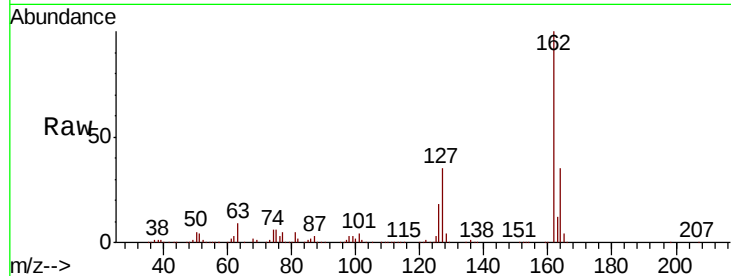




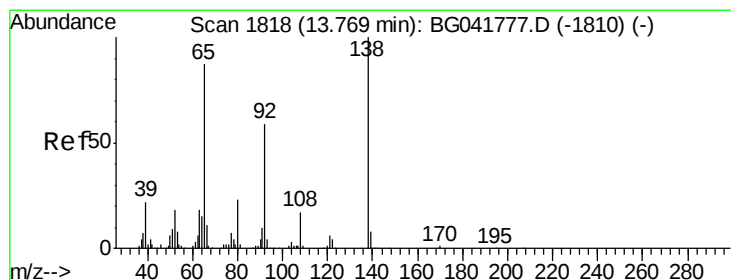
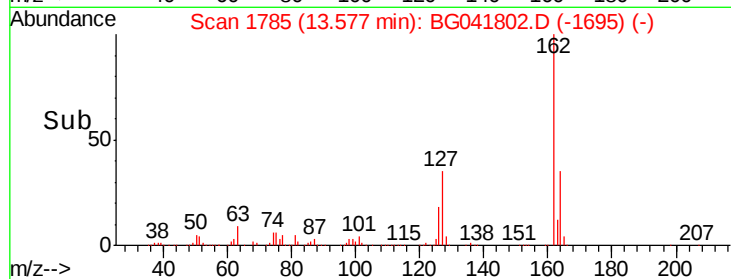
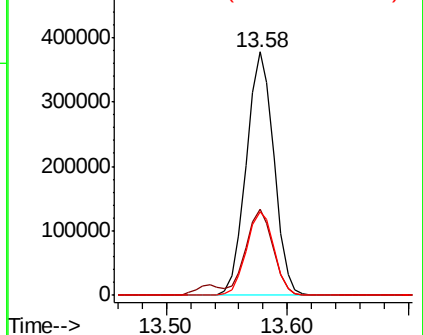
#47
 2-Chloronaphthalene
 Concen: 39.061 ng
 RT: 13.58 min Scan# 1785
 Delta R.T. -0.00 min
 Lab File: BG041802.D
 Acq: 30 Jul 2019 15:20

Instrument :
 BNA_G
 ClientSampleId :
 PB121801BSD

Tgt Ion: 162 Resp: 601582
 Ion Ratio Lower Upper
 162 100
 127 35.2 30.4 45.6
 164 34.5 28.6 42.8

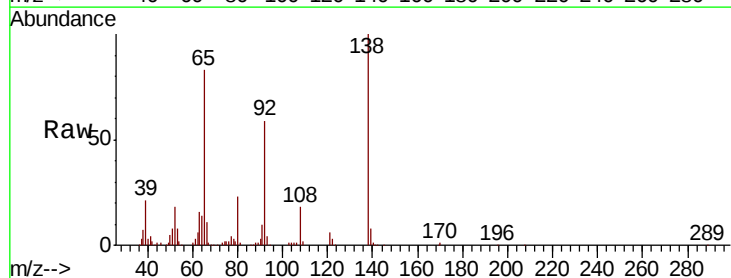


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

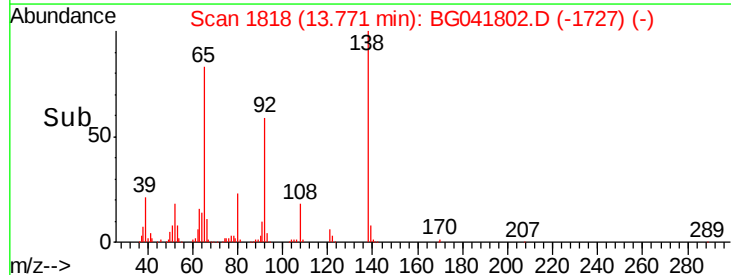
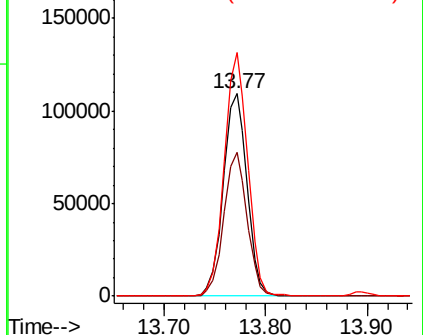


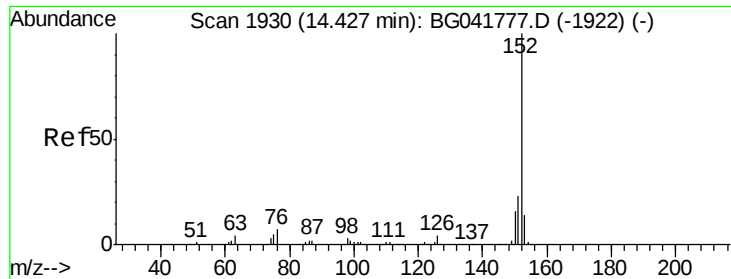
#48
 2-Nitroaniline
 Concen: 45.625 ng
 RT: 13.77 min Scan# 1818
 Delta R.T. 0.00 min
 Lab File: BG041802.D
 Acq: 30 Jul 2019 15:20

Tgt Ion: 65 Resp: 178210
 Ion Ratio Lower Upper
 65 100
 92 71.3 53.9 80.9
 138 120.2 83.5 125.3



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





#49

Acenaphthylene

Concen: 41.859 ng

RT: 14.42 min Scan# 1929

Delta R.T. -0.00 min

Lab File: BG041802.D

Acq: 30 Jul 2019 15:20

Instrument :

BNA_G

ClientSampleId :

PB121801BSD

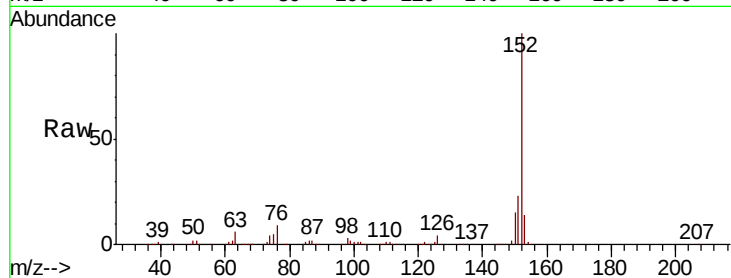
Tgt Ion:152 Resp: 964325

Ion Ratio Lower Upper

152 100

151 22.6 18.7 28.1

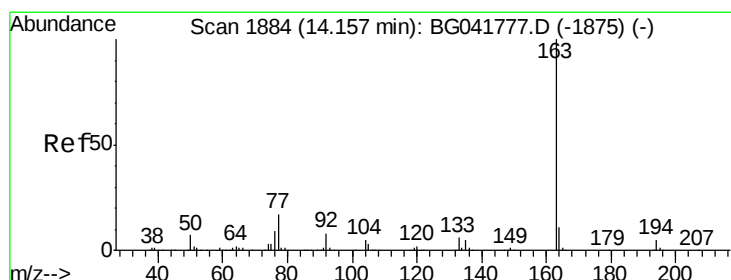
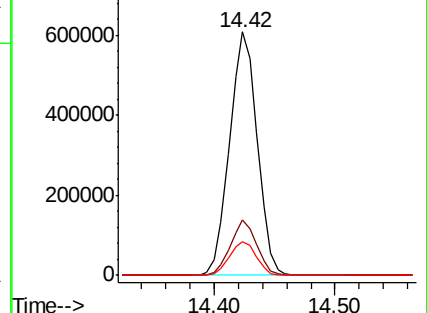
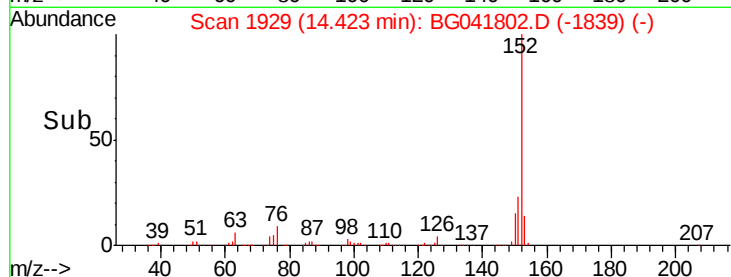
153 13.8 12.4 18.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.268 ng

RT: 14.15 min Scan# 1883

Delta R.T. -0.00 min

Lab File: BG041802.D

Acq: 30 Jul 2019 15:20

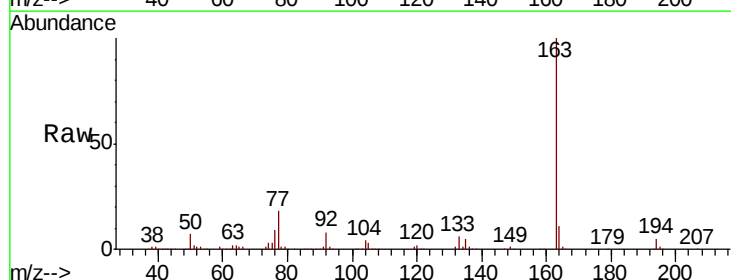
Tgt Ion:163 Resp: 812322

Ion Ratio Lower Upper

163 100

194 5.3 4.2 6.2

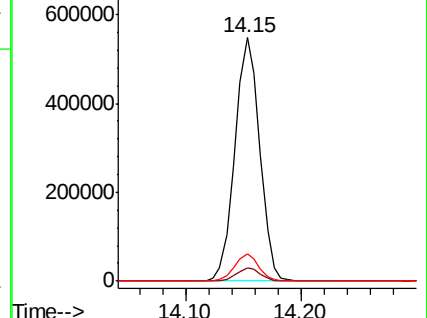
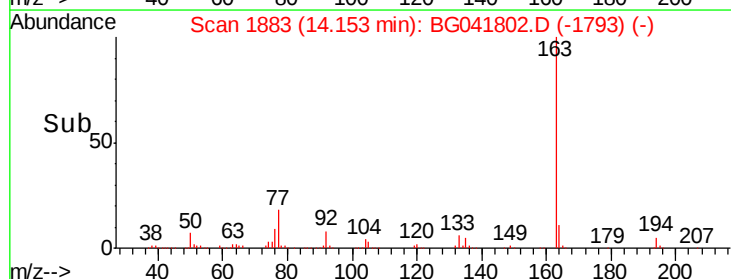
164 11.5 9.4 14.2

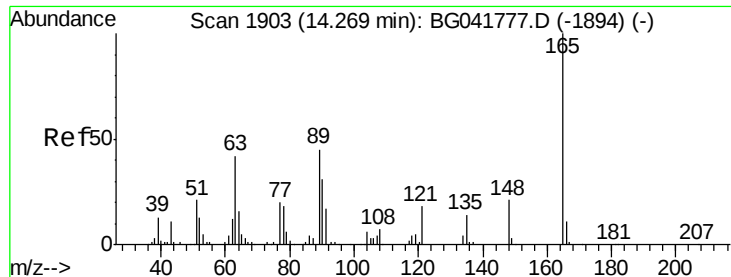


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 48.675 ng

RT: 14.26 min Scan# 1902

Delta R.T. -0.00 min

Lab File: BG041802.D

Acq: 30 Jul 2019 15:20

Instrument :

BNA_G

ClientSampleId :

PB121801BSD

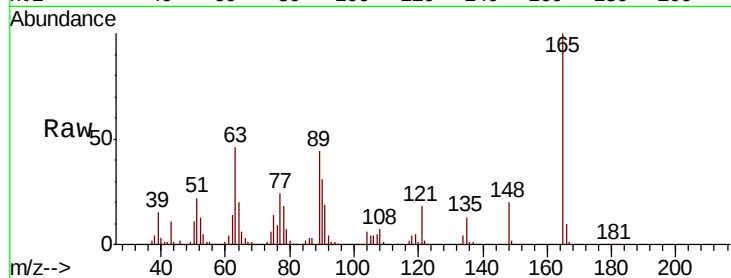
Tgt Ion:165 Resp: 195603

Ion Ratio Lower Upper

165 100

63 45.9 42.4 63.6

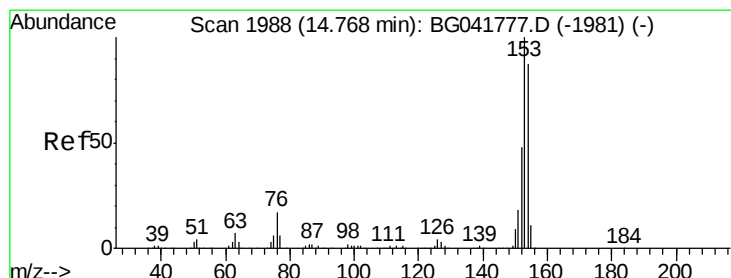
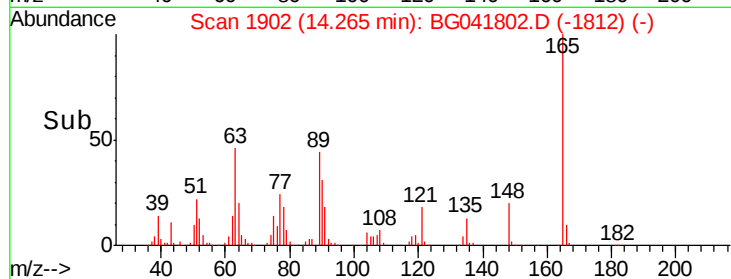
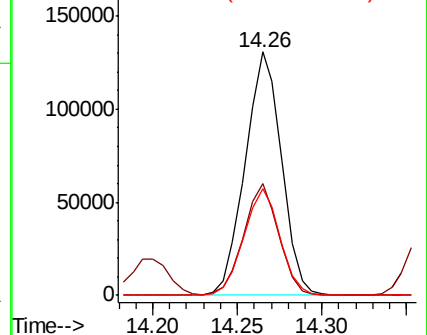
89 43.9 42.1 63.1



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: 45.837 ng

RT: 14.77 min Scan# 1988

Delta R.T. 0.00 min

Lab File: BG041802.D

Acq: 30 Jul 2019 15:20

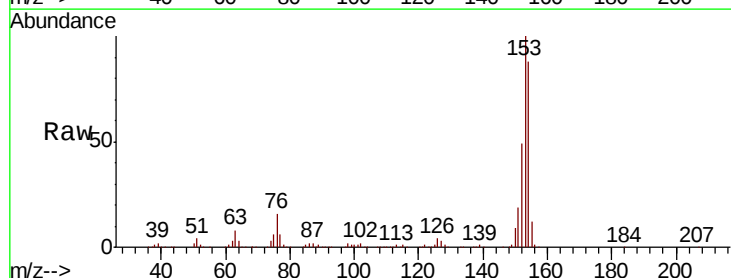
Tgt Ion:154 Resp: 686789

Ion Ratio Lower Upper

154 100

153 113.7 89.8 134.6

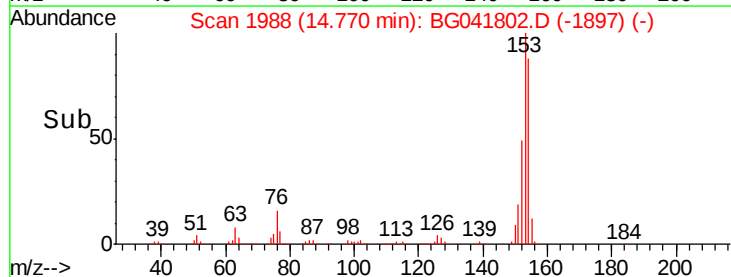
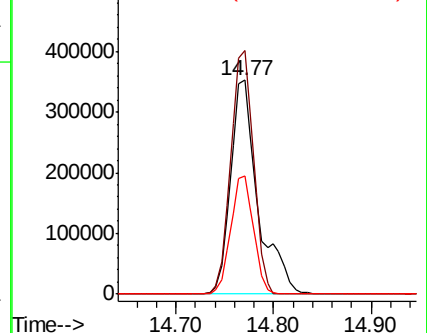
152 55.3 44.9 67.3



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: 33.728 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.00 min

Lab File: BG041802.D

Acq: 30 Jul 2019 15:20

Instrument :

BNA_G

ClientSampleId :

PB121801BSD

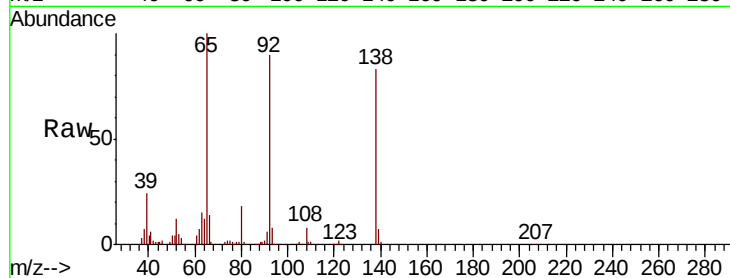
Tgt Ion:138 Resp: 145001

Ion Ratio Lower Upper

138 100

108 10.0 10.3 15.5#

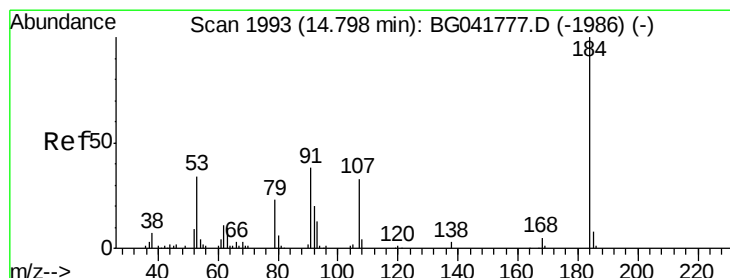
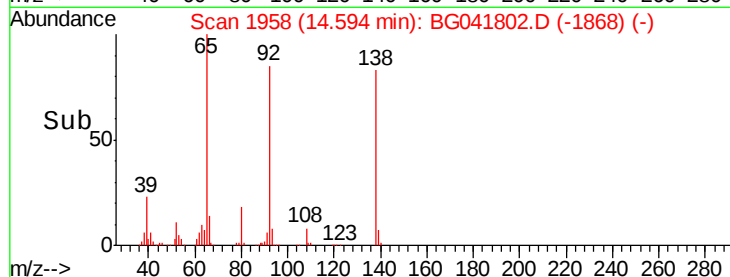
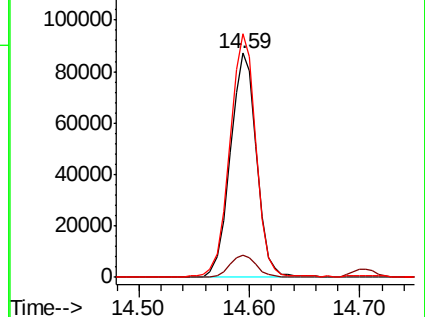
92 108.5 93.0 139.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): E



#54

2,4-Dinitrophenol

Concen: 91.504 ng

RT: 14.80 min Scan# 1993

Delta R.T. 0.00 min

Lab File: BG041802.D

Acq: 30 Jul 2019 15:20

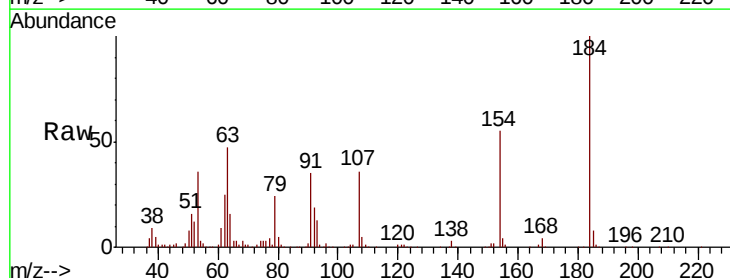
Tgt Ion:184 Resp: 235081

Ion Ratio Lower Upper

184 100

63 47.4 43.2 64.8

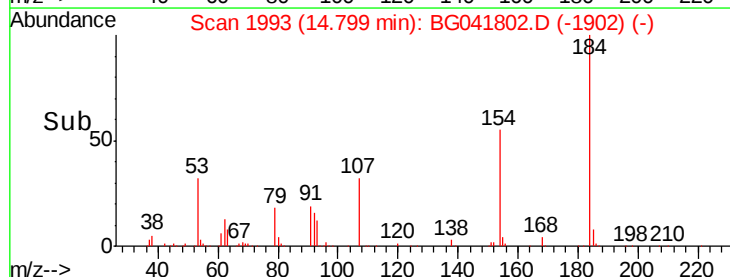
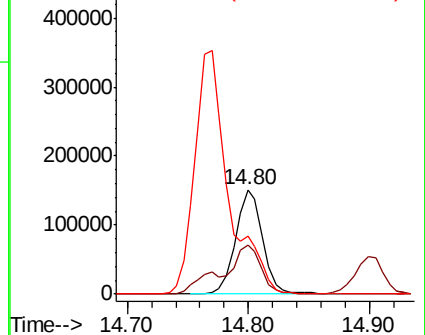
154 55.1 51.4 77.2

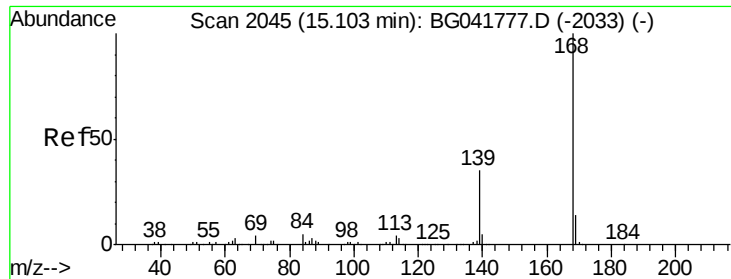


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): E

Ion 154.00 (153.70 to 154.70): E

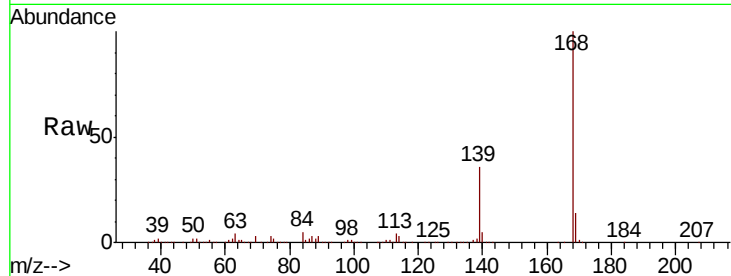




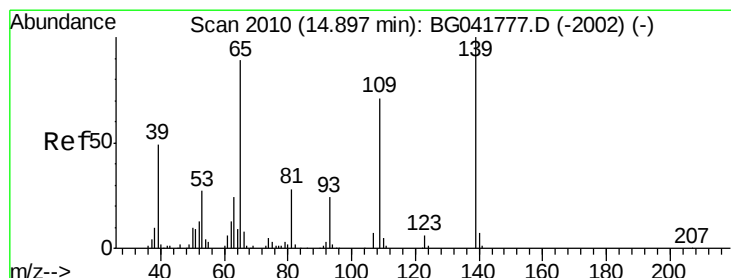
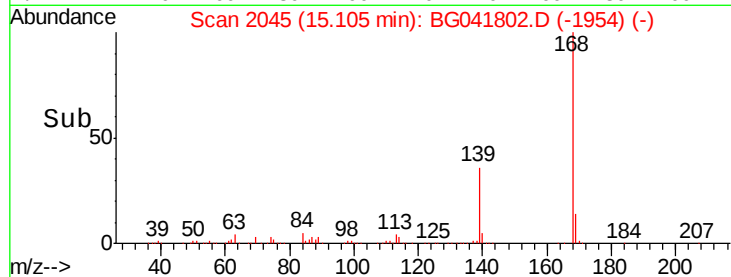
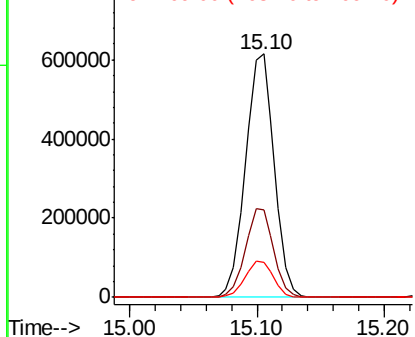
#55
Dibenzenofuran
Concen: 42.006 ng
RT: 15.10 min Scan# 2045
Delta R.T. 0.00 min
Lab File: BG041802.D
Acq: 30 Jul 2019 15:20

Instrument :
BNA_G
ClientSampleId :
PB121801BSD

Tgt Ion:168 Resp: 962680
Ion Ratio Lower Upper
168 100
139 36.1 31.9 47.9
169 14.4 12.5 18.7

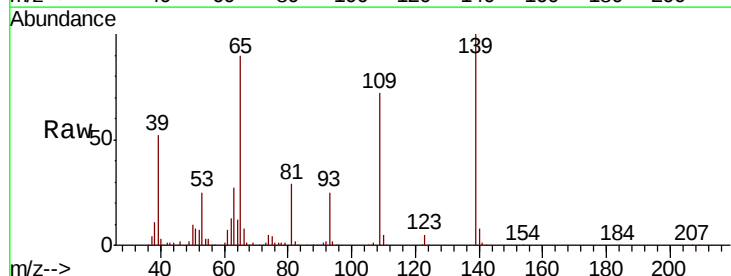


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

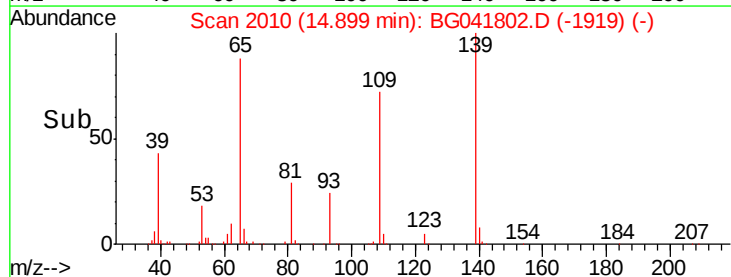
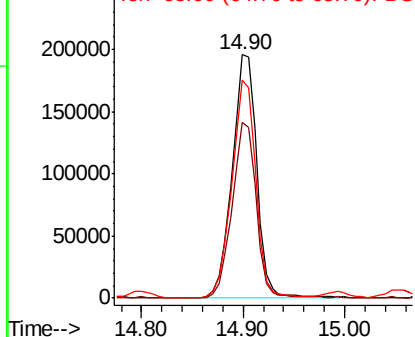


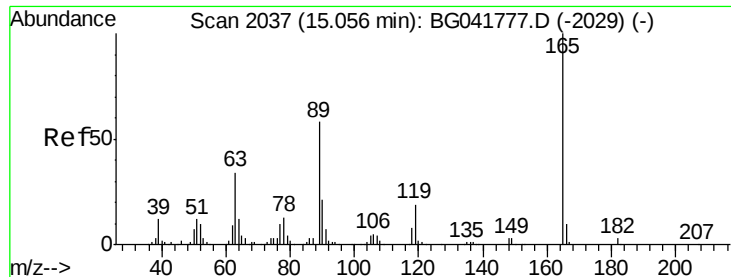
#56
4-Nitrophenol
Concen: 101.003 ng
RT: 14.90 min Scan# 2010
Delta R.T. 0.00 min
Lab File: BG041802.D
Acq: 30 Jul 2019 15:20

Tgt Ion:139 Resp: 329610
Ion Ratio Lower Upper
139 100
109 71.9 51.3 91.3
65 89.6 77.6 117.6



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

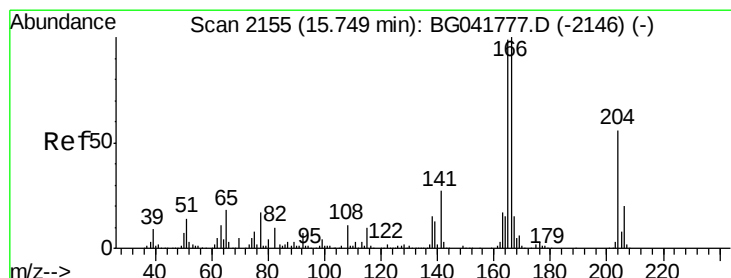
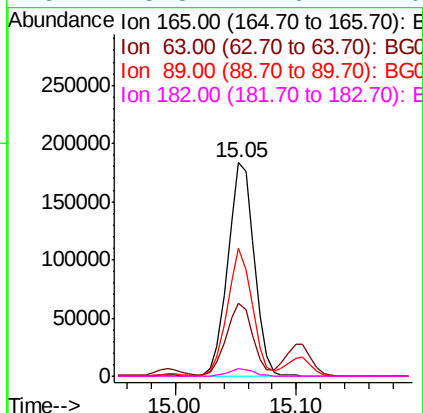
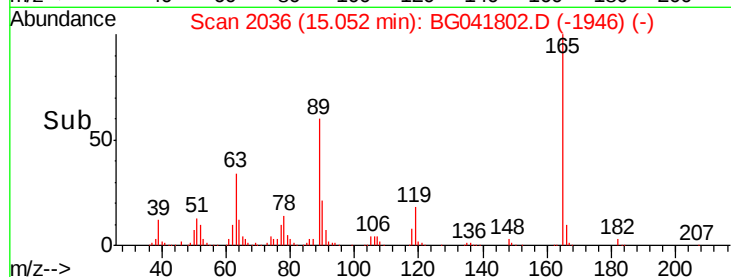
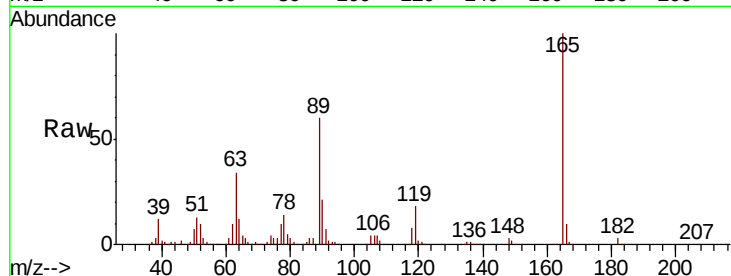




#57
2,4-Dinitrotoluene
Concen: 50.405 ng
RT: 15.05 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BG041802.D
Acq: 30 Jul 2019 15:20

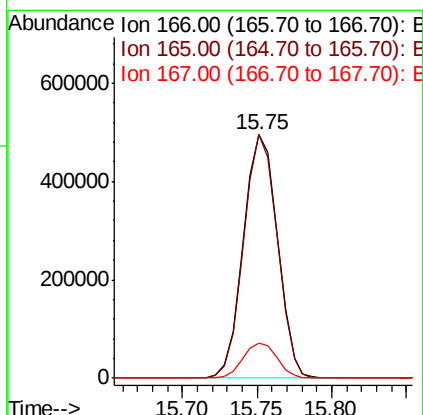
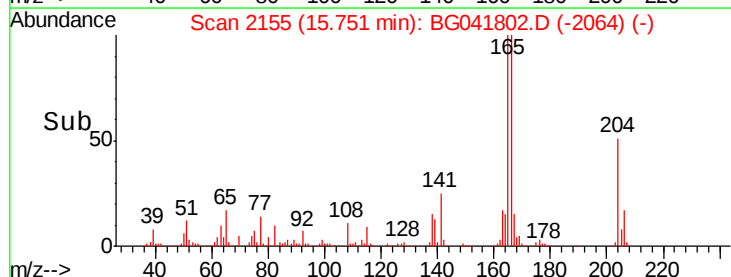
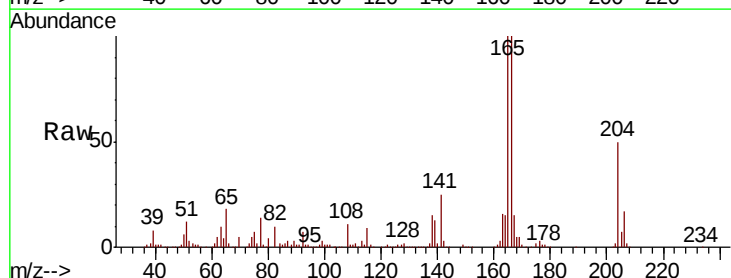
Instrument :
BNA_G
ClientSampleId :
PB121801BSD

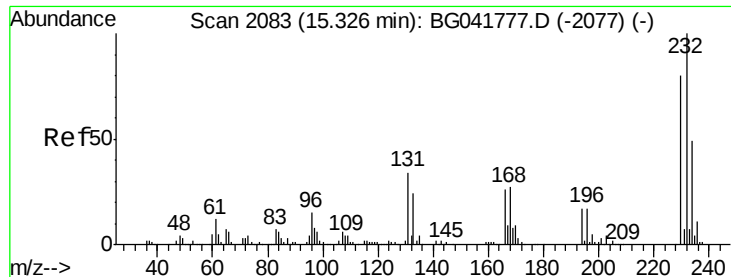
Tgt Ion:165 Resp: 278560
Ion Ratio Lower Upper
165 100
63 34.1 31.7 47.5
89 60.1 50.2 75.4
182 3.3 2.6 4.0



#58
Fluorene
Concen: 42.419 ng
RT: 15.75 min Scan# 2155
Delta R.T. 0.00 min
Lab File: BG041802.D
Acq: 30 Jul 2019 15:20

Tgt Ion:166 Resp: 780152
Ion Ratio Lower Upper
166 100
165 99.8 80.5 120.7
167 14.6 12.4 18.6

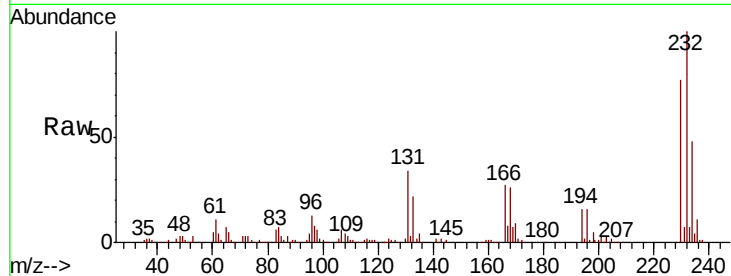




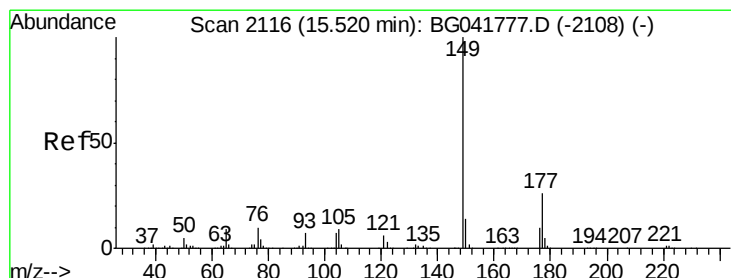
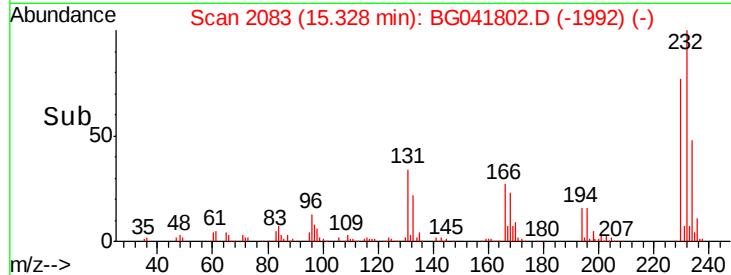
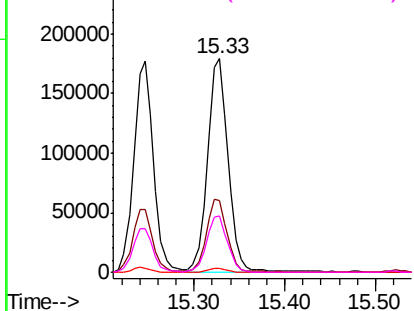
#59
2,3,4,6-Tetrachlorophenol
Concen: 48.720 ng
RT: 15.33 min Scan# 2083
Delta R.T. 0.00 min
Lab File: BG041802.D
Acq: 30 Jul 2019 15:20

Instrument :
BNA_G
ClientSampleId :
PB121801BSD

Tgt Ion:	232	Resp:	282306
Ion	Ratio	Lower	Upper
232	100		
131	34.1	31.8	47.6
130	1.9	1.8	2.8
166	26.3	23.5	35.3

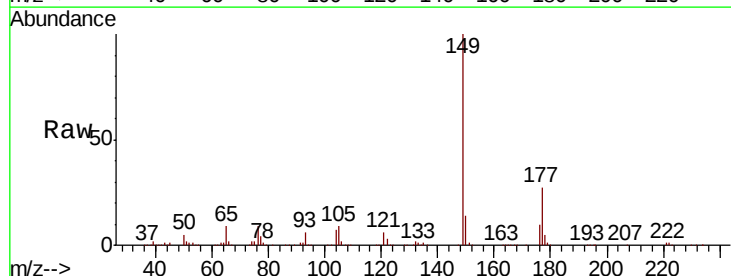


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

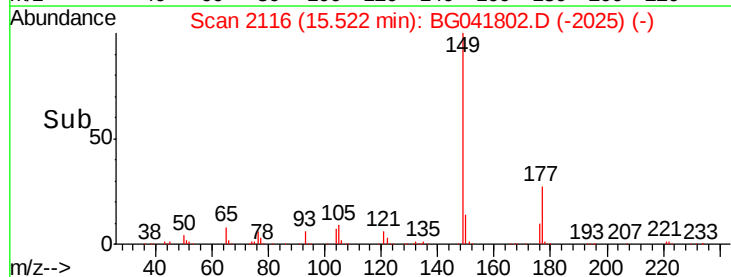
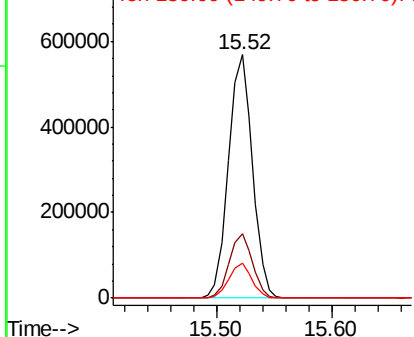


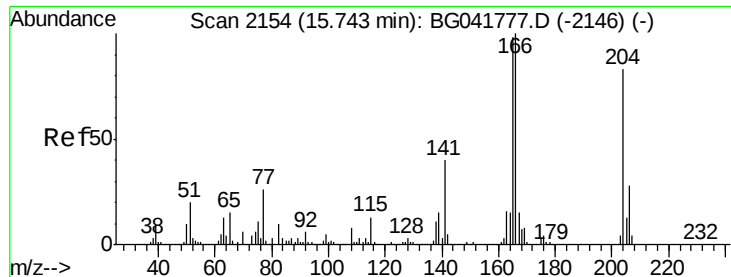
#60
Diethylphthalate
Concen: 43.207 ng
RT: 15.52 min Scan# 2116
Delta R.T. 0.00 min
Lab File: BG041802.D
Acq: 30 Jul 2019 15:20

Tgt Ion:	149	Resp:	815225
Ion	Ratio	Lower	Upper
149	100		
177	26.6	20.7	31.1
150	14.3	11.5	17.3



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

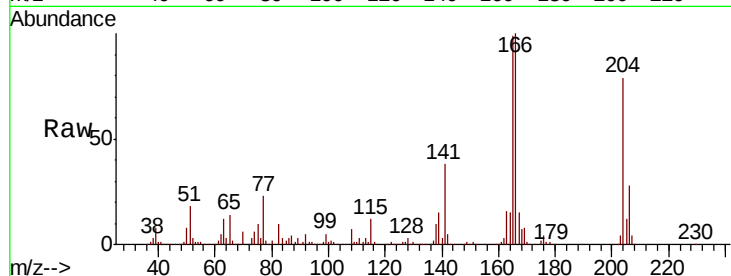




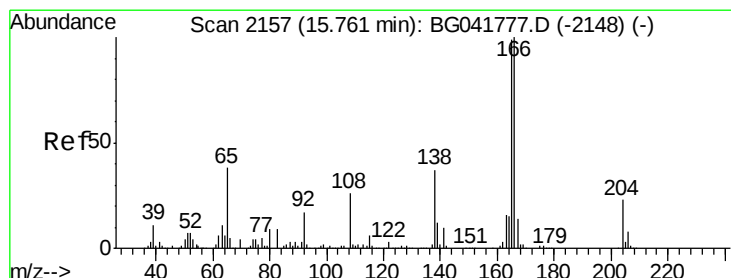
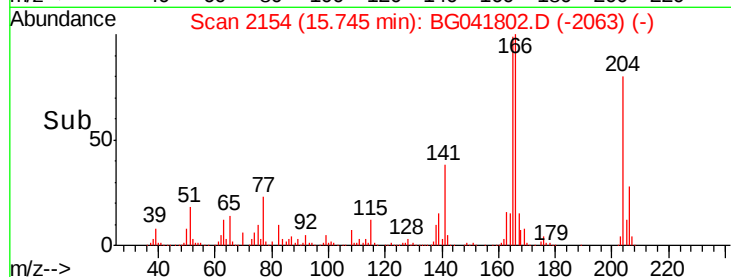
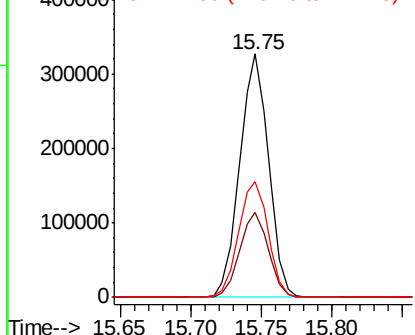
#61
4-Chlorophenyl-phenylether
Concen: 41.407 ng
RT: 15.75 min Scan# 2154
Delta R.T. 0.00 min
Lab File: BG041802.D
Acq: 30 Jul 2019 15:20

Instrument :
BNA_G
ClientSampleId :
PB121801BSD

Tgt Ion:204 Resp: 464910
Ion Ratio Lower Upper
204 100
206 34.7 28.6 42.8
141 47.5 42.9 64.3

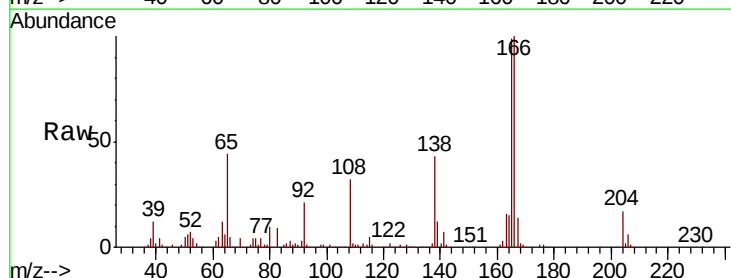


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

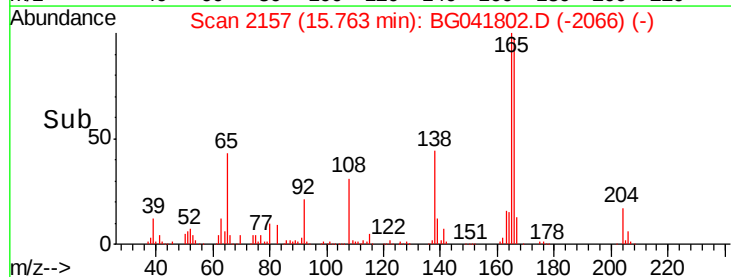
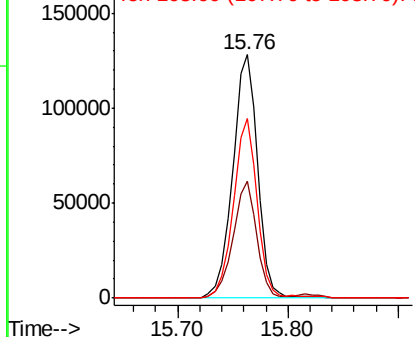


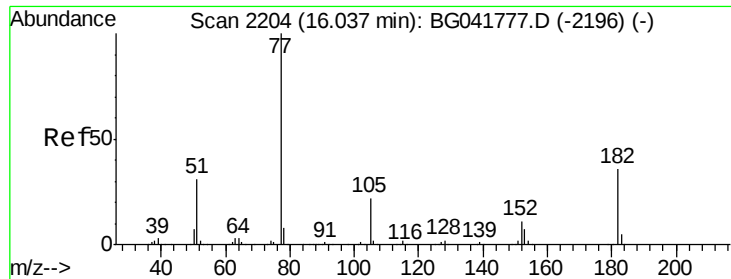
#62
4-Nitroaniline
Concen: 43.577 ng
RT: 15.76 min Scan# 2157
Delta R.T. 0.00 min
Lab File: BG041802.D
Acq: 30 Jul 2019 15:20

Tgt Ion:138 Resp: 202921
Ion Ratio Lower Upper
138 100
92 48.2 29.8 69.8
108 73.8 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

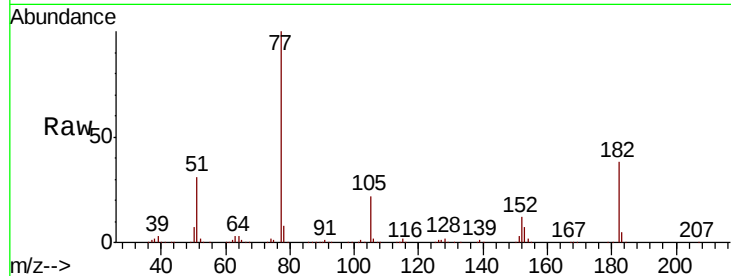




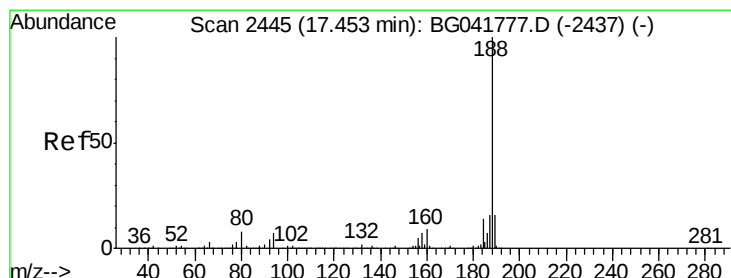
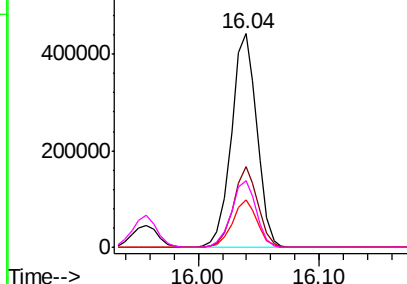
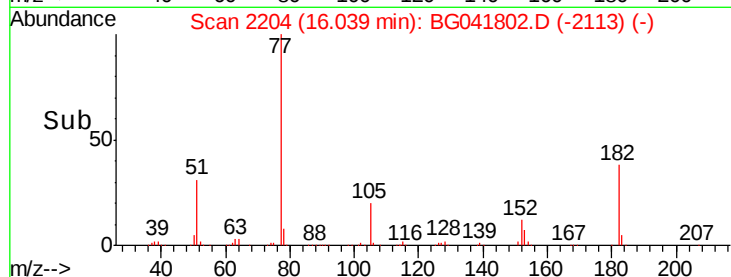
#63
Azobenzene
Concen: 41.956 ng
RT: 16.04 min Scan# 2204
Delta R.T. 0.00 min
Lab File: BG041802.D
Acq: 30 Jul 2019 15:20

Instrument :
BNA_G
ClientSampleId :
PB121801BSD

Tgt Ion: 77 Resp: 646665
Ion Ratio Lower Upper
77 100
182 37.7 13.2 53.2
105 22.0 2.2 42.2
51 31.2 14.6 54.6

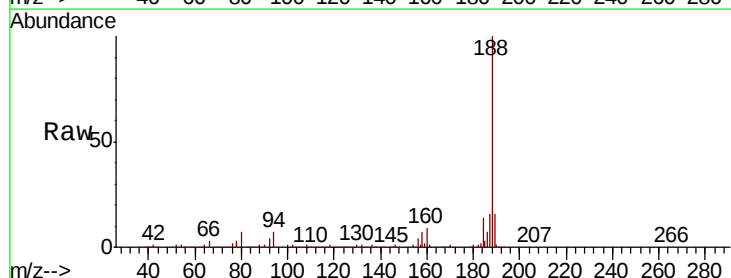


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

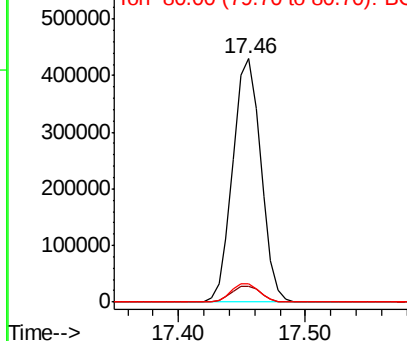
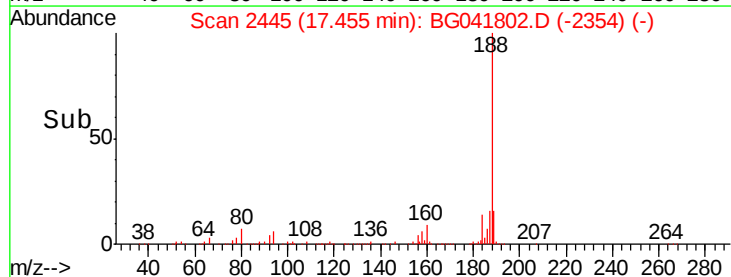


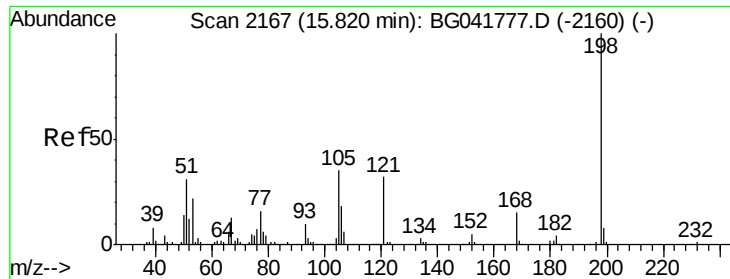
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.46 min Scan# 2445
Delta R.T. 0.00 min
Lab File: BG041802.D
Acq: 30 Jul 2019 15:20

Tgt Ion: 188 Resp: 657994
Ion Ratio Lower Upper
188 100
94 6.5 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

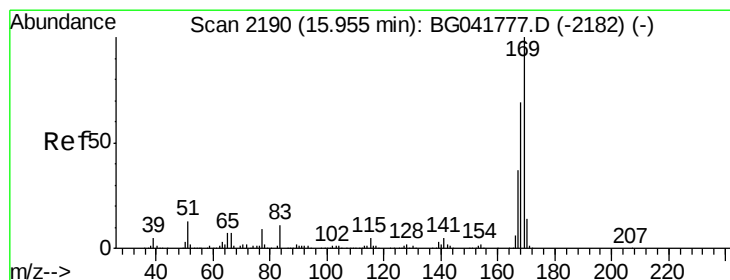
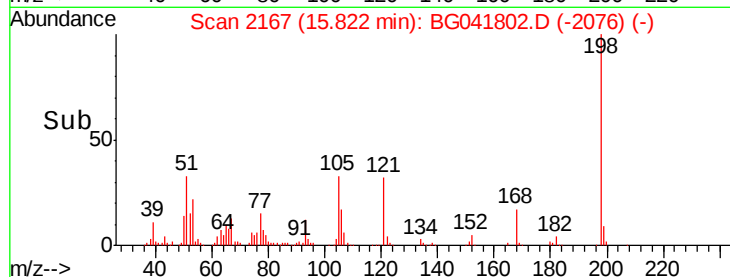
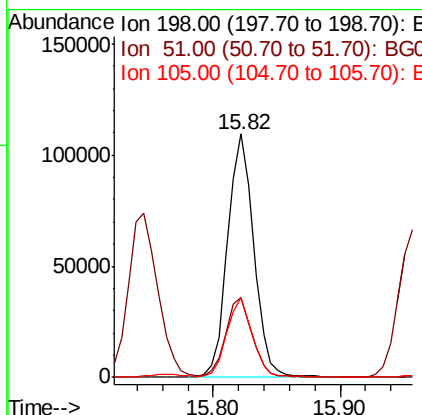
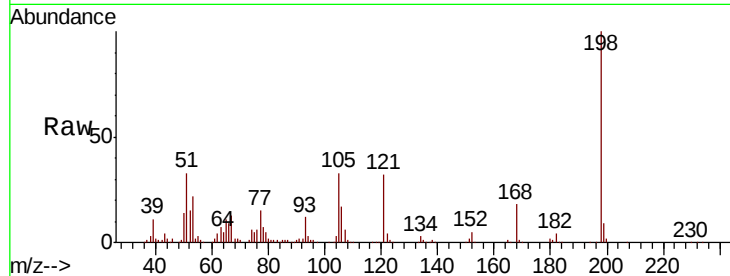




#65
 4,6-Dinitro-2-methylphenol
 Concen: 48.507 ng
 RT: 15.82 min Scan# 2167
 Delta R.T. 0.00 min
 Lab File: BG041802.D
 Acq: 30 Jul 2019 15:20

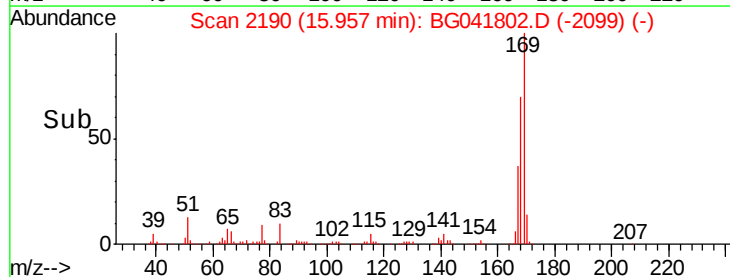
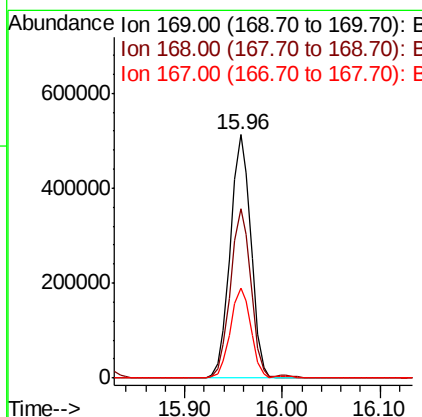
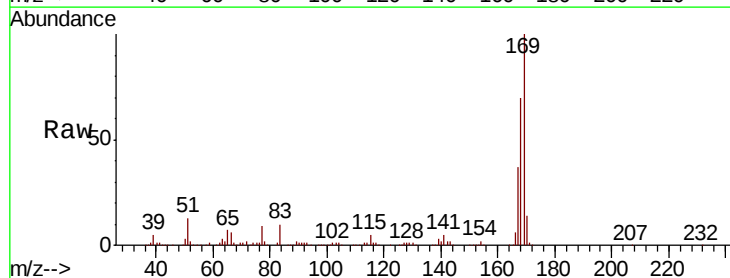
Instrument :
 BNA_G
 ClientSampleId :
 PB121801BSD

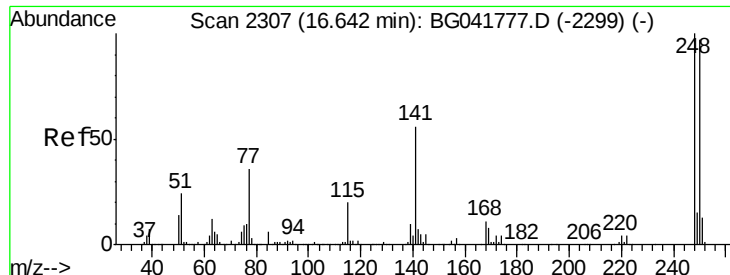
Tgt Ion	Ratio	Lower	Upper
198	100		
51	33.0	22.3	62.3
105	33.0	18.0	58.0



#66
 n-Nitrosodiphenylamine
 Concen: 41.883 ng
 RT: 15.96 min Scan# 2190
 Delta R.T. 0.00 min
 Lab File: BG041802.D
 Acq: 30 Jul 2019 15:20

Tgt Ion	Ratio	Lower	Upper
169	100		
168	69.7	56.9	85.3
167	37.2	31.5	47.3

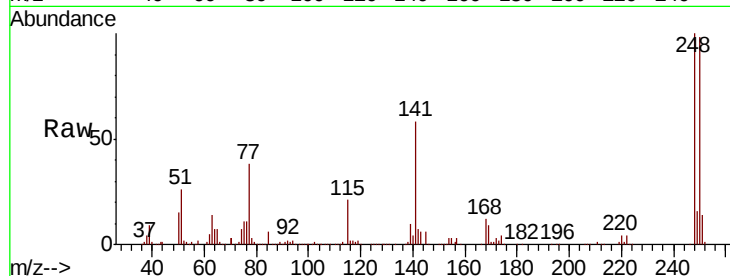




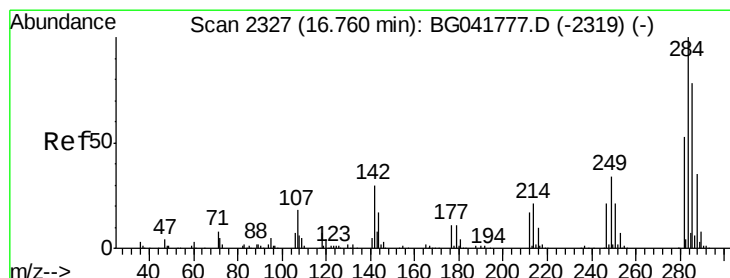
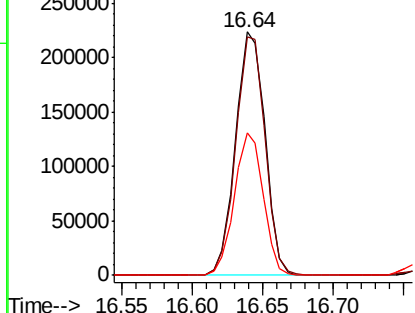
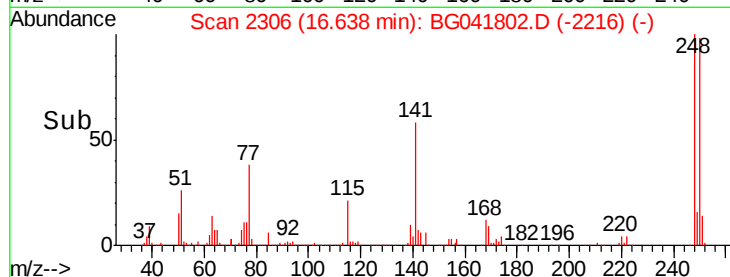
#67
4-Bromophenyl-phenylether
Concen: 40.106 ng
RT: 16.64 min Scan# 2306
Delta R.T. -0.00 min
Lab File: BG041802.D
Acq: 30 Jul 2019 15:20

Instrument :
BNA_G
ClientSampleId :
PB121801BSD

Tgt Ion:248 Resp: 325067
Ion Ratio Lower Upper
248 100
250 97.7 78.1 117.1
141 58.3 49.6 74.4

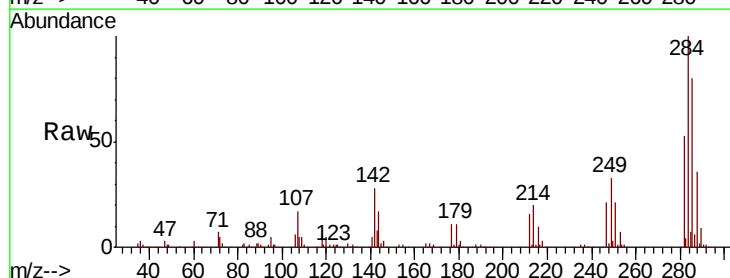


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

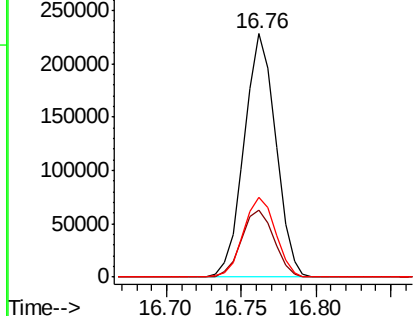
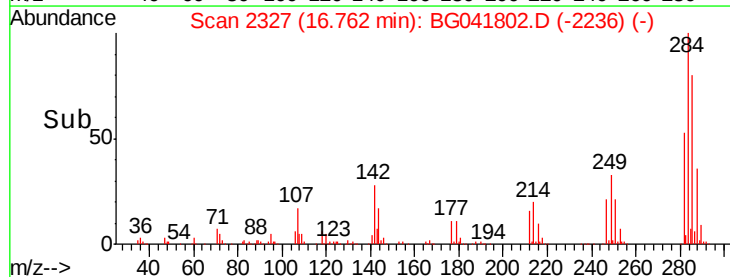


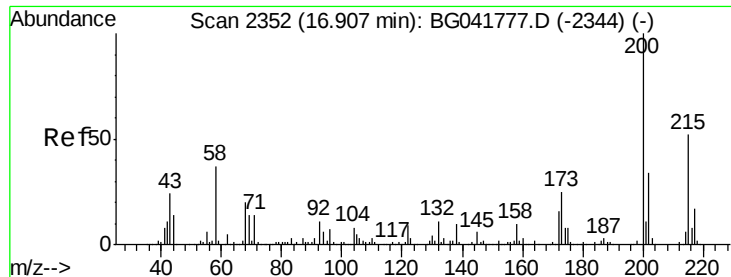
#68
Hexachlorobenzene
Concen: 39.411 ng
RT: 16.76 min Scan# 2327
Delta R.T. 0.00 min
Lab File: BG041802.D
Acq: 30 Jul 2019 15:20

Tgt Ion:284 Resp: 334186
Ion Ratio Lower Upper
284 100
142 27.7 27.0 40.6
249 32.7 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: 43.600 ng

RT: 16.91 min Scan# 2352

Delta R.T. 0.00 min

Lab File: BG041802.D

Acq: 30 Jul 2019 15:20

Instrument :

BNA_G

ClientSampleId :

PB121801BSD

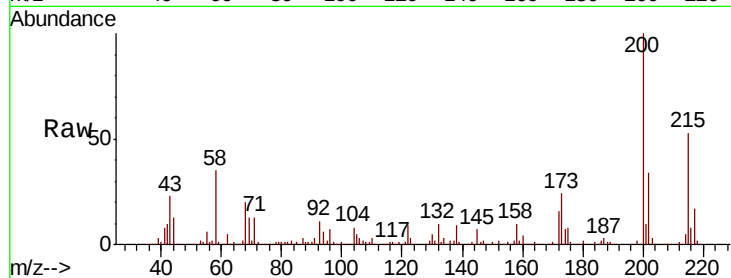
Tgt Ion:200 Resp: 307037

Ion Ratio Lower Upper

200 100

173 24.4 5.3 45.3

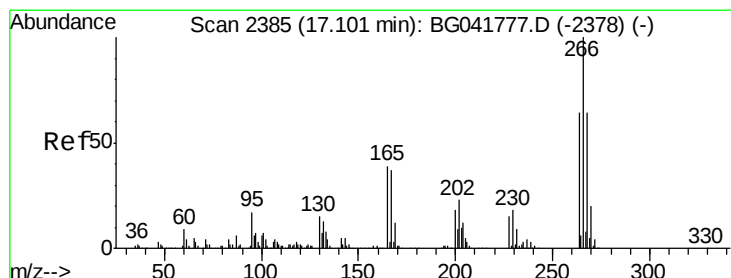
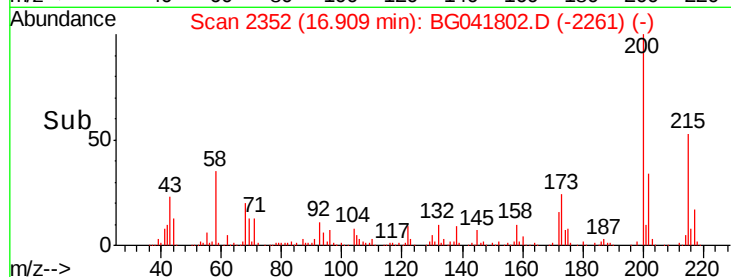
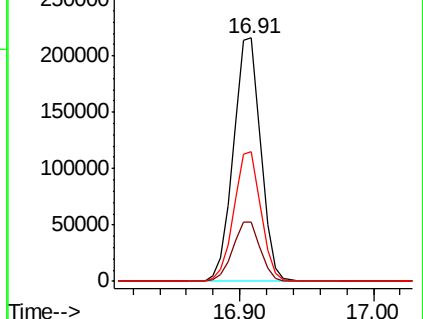
215 53.2 31.8 71.8



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: 93.230 ng

RT: 17.10 min Scan# 2385

Delta R.T. 0.00 min

Lab File: BG041802.D

Acq: 30 Jul 2019 15:20

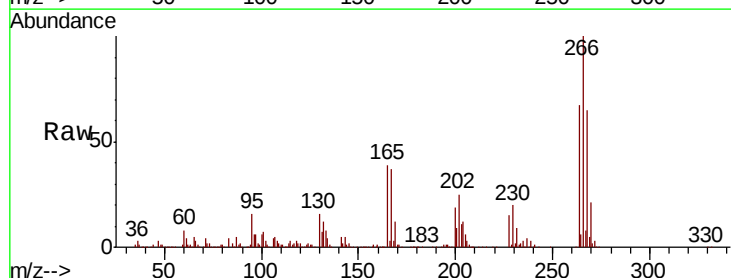
Tgt Ion:266 Resp: 449094

Ion Ratio Lower Upper

266 100

268 64.9 52.9 79.3

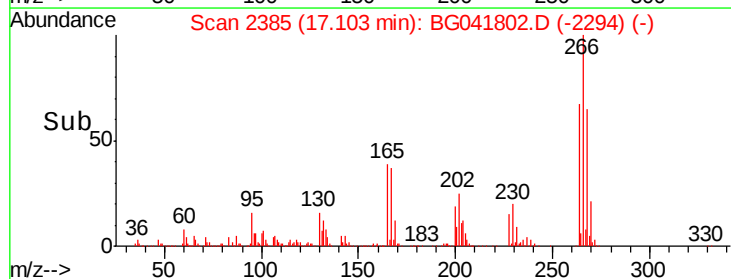
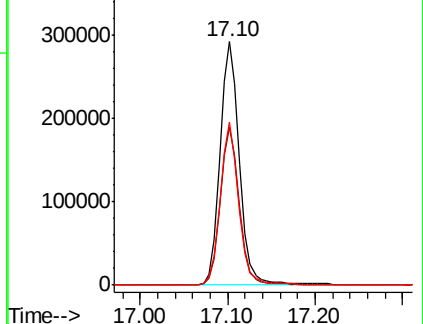
264 66.9 51.4 77.2

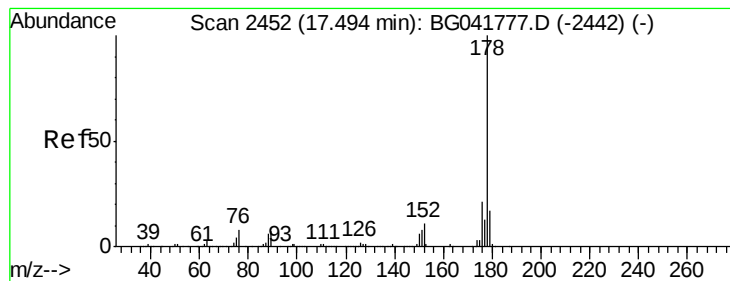


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 41.972 ng

RT: 17.50 min Scan# 2452

Delta R.T. 0.00 min

Lab File: BG041802.D

Acq: 30 Jul 2019 15:20

Instrument :

BNA_G

ClientSampleId :

PB121801BSD

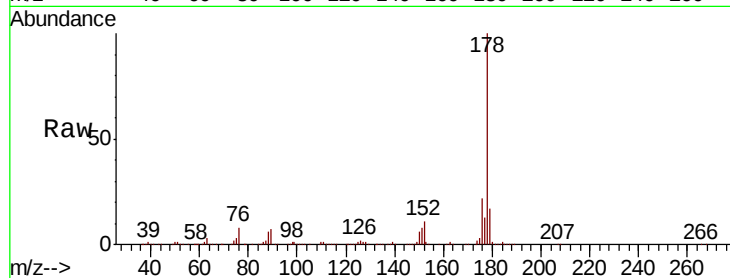
Tgt Ion:178 Resp: 1323767

Ion Ratio Lower Upper

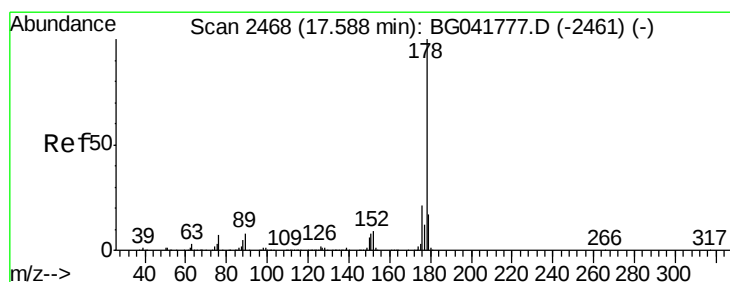
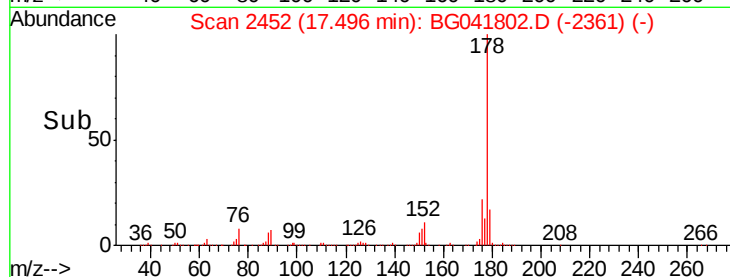
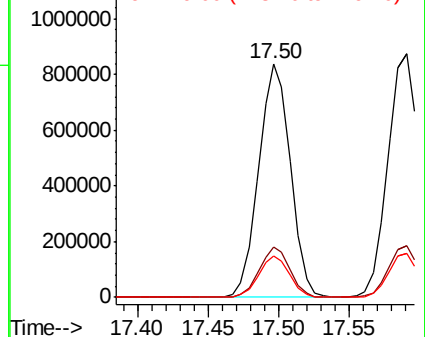
178 100

176 21.6 18.6 28.0

179 17.4 15.4 23.0



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



#72

Anthracene

Concen: 43.015 ng

RT: 17.59 min Scan# 2468

Delta R.T. 0.00 min

Lab File: BG041802.D

Acq: 30 Jul 2019 15:20

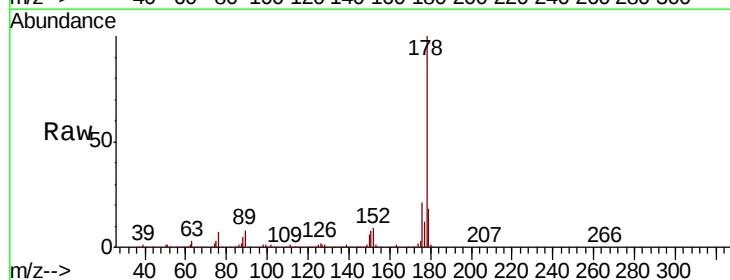
Tgt Ion:178 Resp: 1353063

Ion Ratio Lower Upper

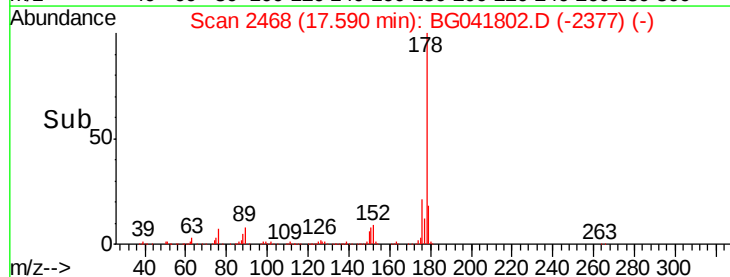
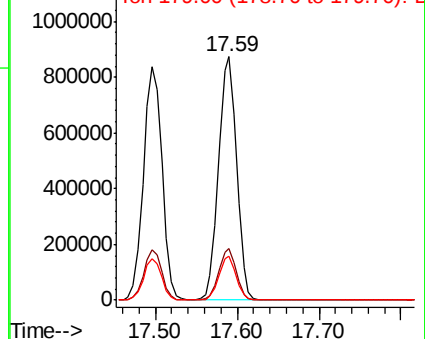
178 100

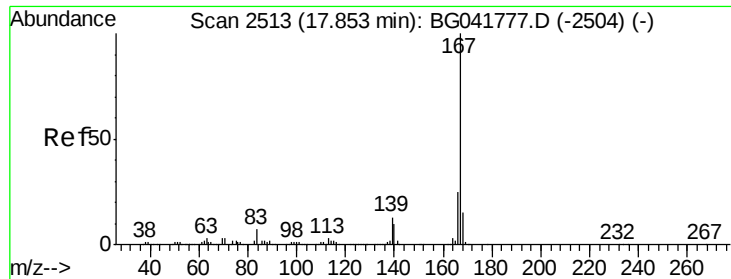
176 21.1 18.6 28.0

179 17.8 15.1 22.7



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

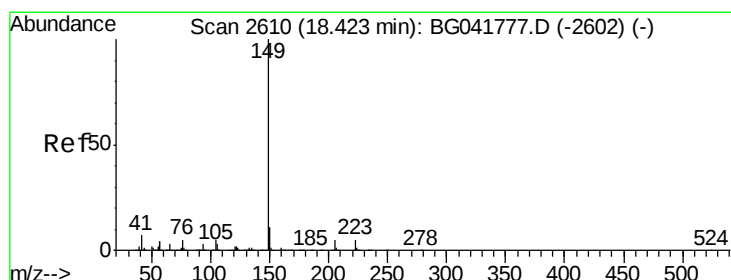
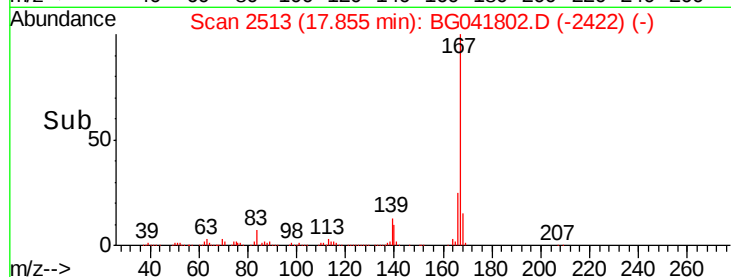
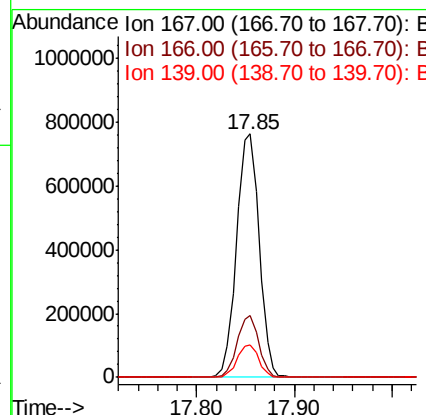
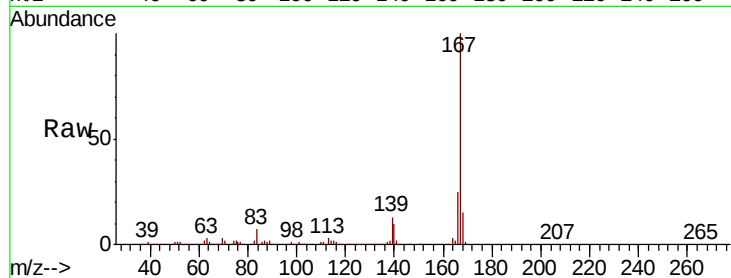




#73
 Carbazole
 Concen: 43.431 ng
 RT: 17.85 min Scan# 2513
 Delta R.T. 0.00 min
 Lab File: BG041802.D
 Acq: 30 Jul 2019 15:20

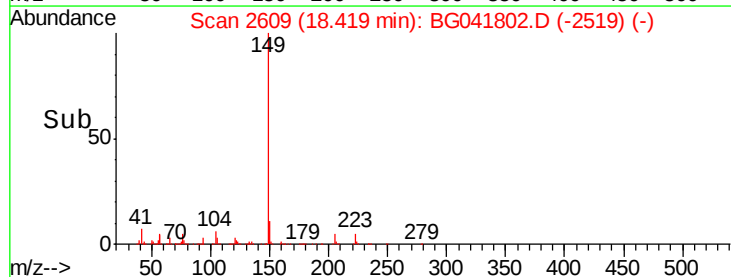
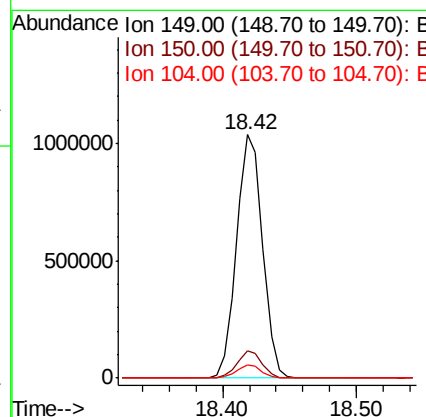
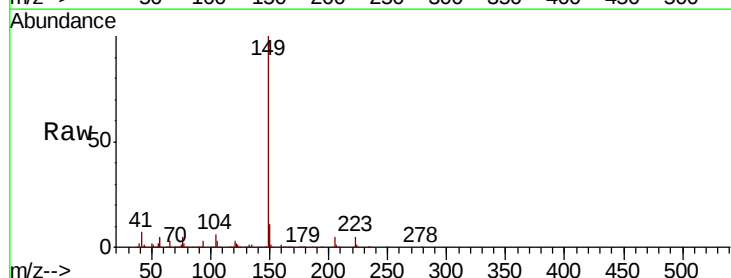
Instrument :
 BNA_G
 ClientSampleId :
 PB121801BSD

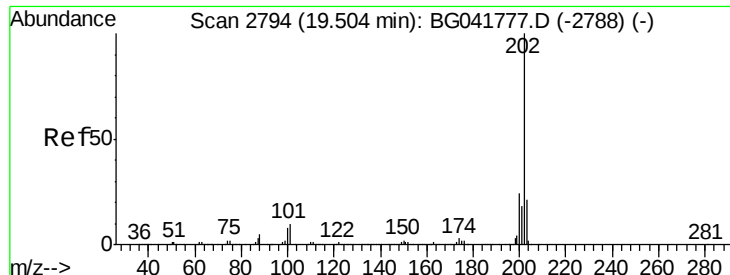
Tgt Ion:167 Resp: 1226180
 Ion Ratio Lower Upper
 167 100
 166 25.3 21.4 32.2
 139 13.2 12.1 18.1



#74
 Di-n-butylphthalate
 Concen: 43.920 ng
 RT: 18.42 min Scan# 2609
 Delta R.T. -0.00 min
 Lab File: BG041802.D
 Acq: 30 Jul 2019 15:20

Tgt Ion:149 Resp: 1405741
 Ion Ratio Lower Upper
 149 100
 150 11.2 10.2 15.2
 104 5.6 5.3 7.9





#75

Fluoranthene

Concen: 43.844 ng

RT: 19.51 min Scan# 2794

Delta R.T. 0.00 min

Lab File: BG041802.D

Acq: 30 Jul 2019 15:20

Instrument :

BNA_G

ClientSampleId :

PB121801BSD

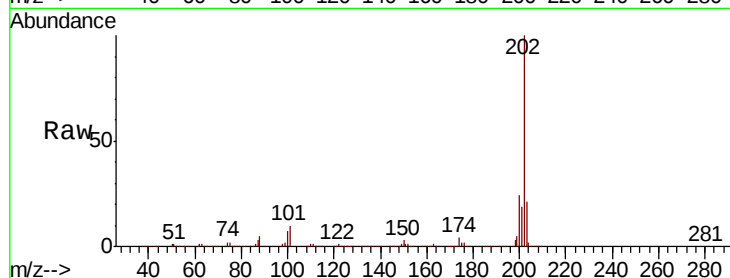
Tgt Ion:202 Resp: 1680827

Ion Ratio Lower Upper

202 100

101 10.0 0.0 32.8

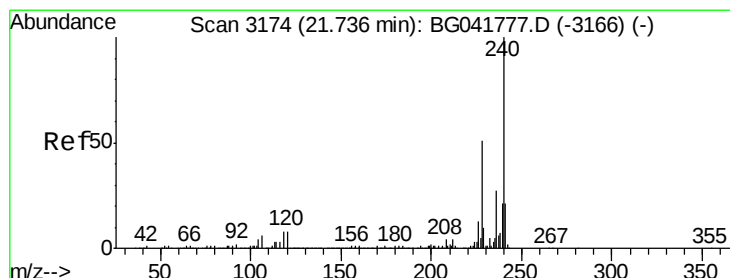
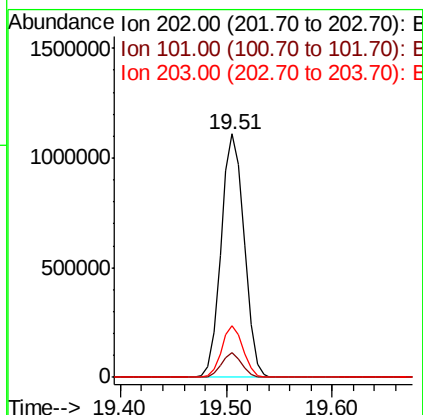
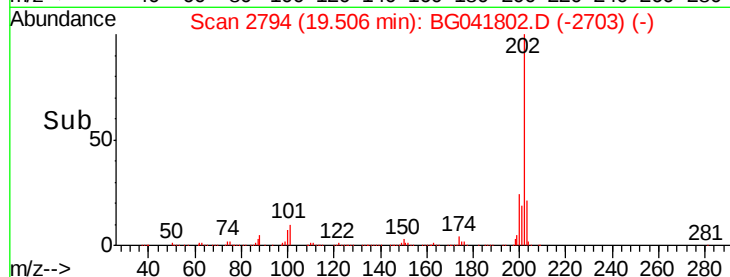
203 21.4 3.7 43.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.74 min Scan# 3174

Delta R.T. 0.00 min

Lab File: BG041802.D

Acq: 30 Jul 2019 15:20

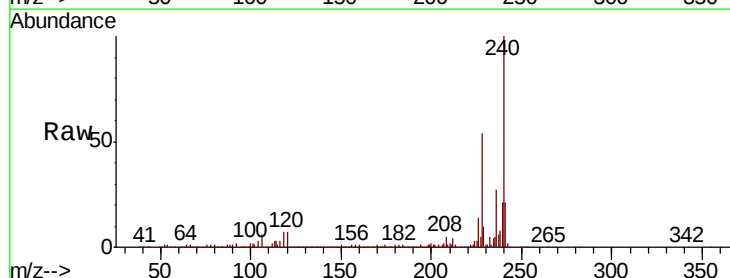
Tgt Ion:240 Resp: 653261

Ion Ratio Lower Upper

240 100

120 7.3 8.0 12.0#

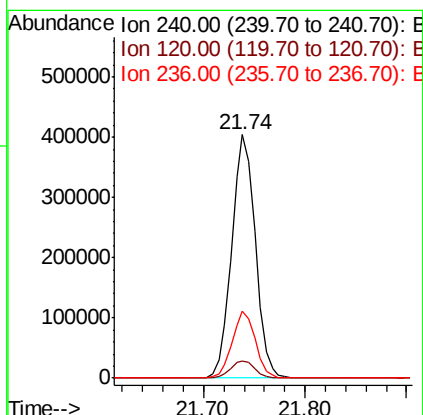
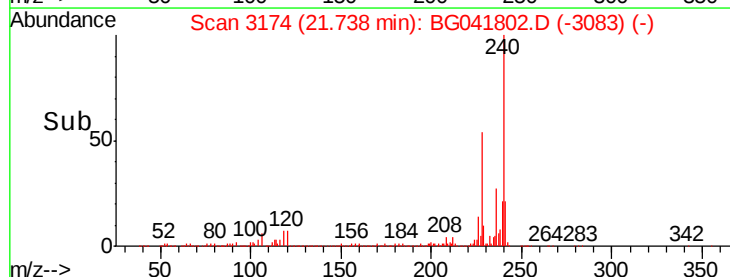
236 27.5 22.6 33.8

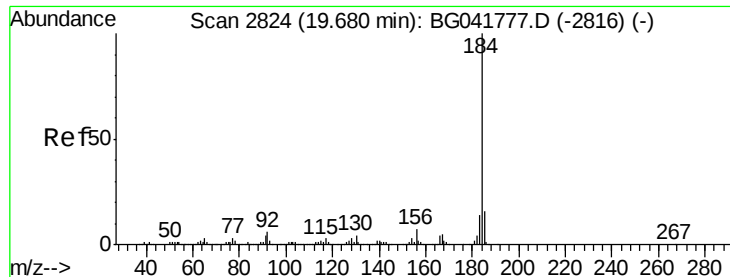


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 32.607 ng

RT: 19.68 min Scan# 2824

Delta R.T. 0.00 min

Lab File: BG041802.D

Acq: 30 Jul 2019 15:20

Instrument :

BNA_G

ClientSampleId :

PB121801BSD

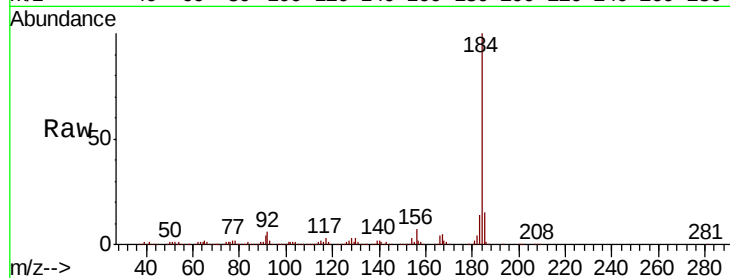
Tgt Ion:184 Resp: 695256

Ion Ratio Lower Upper

184 100

185 15.4 13.0 19.4

183 13.5 11.8 17.6

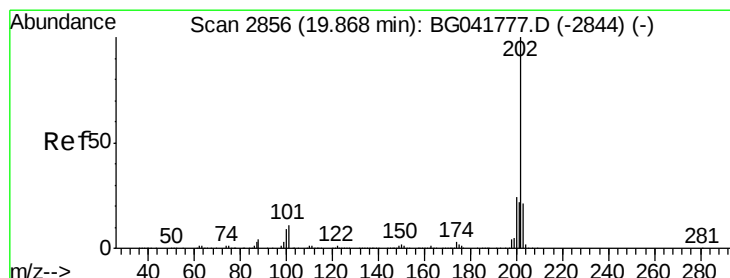
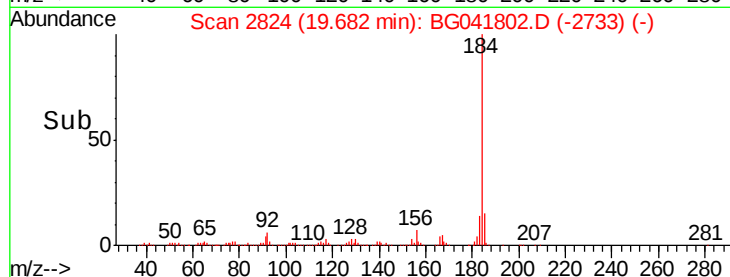
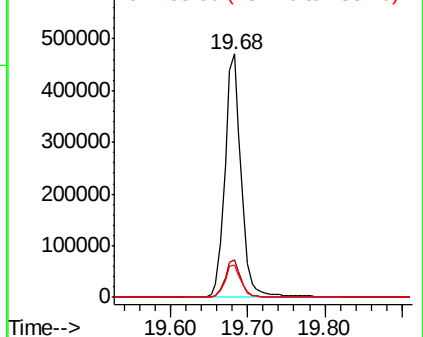


Abundance

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: 43.358 ng

RT: 19.87 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG041802.D

Acq: 30 Jul 2019 15:20

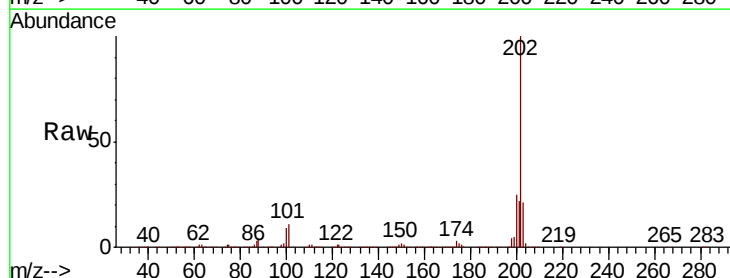
Tgt Ion:202 Resp: 1678166

Ion Ratio Lower Upper

202 100

200 25.2 22.2 33.2

203 21.4 18.9 28.3

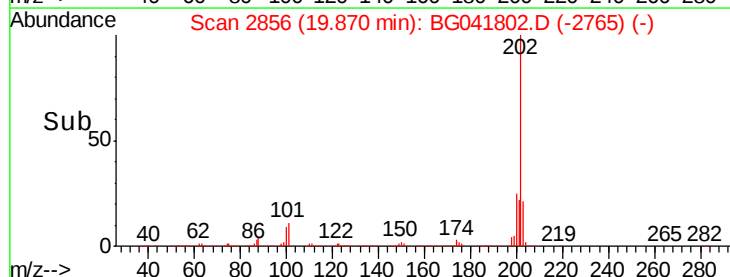
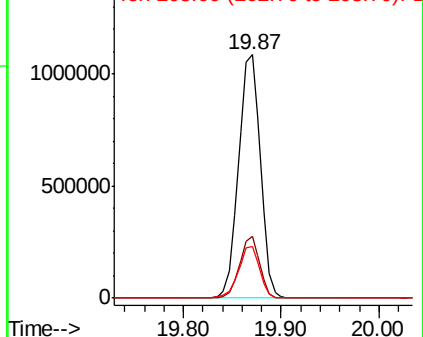


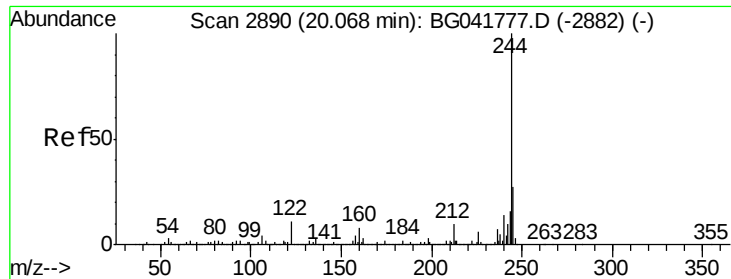
Abundance

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: 79.073 ng

RT: 20.07 min Scan# 2890

Delta R.T. 0.00 min

Lab File: BG041802.D

Acq: 30 Jul 2019 15:20

Instrument :

BNA_G

ClientSampleId :

PB121801BSD

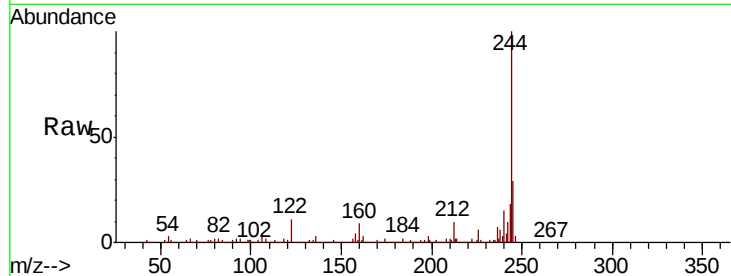
Tgt Ion:244 Resp: 2257405

Ion Ratio Lower Upper

244 100

212 10.0 9.7 14.5

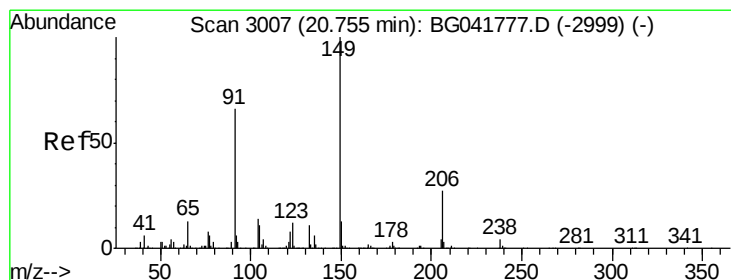
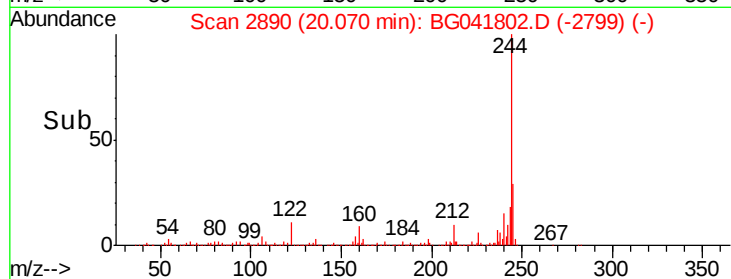
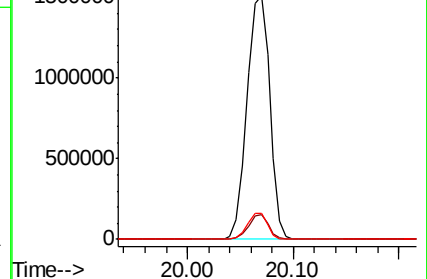
122 10.7 12.5 18.7#



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: 45.354 ng

RT: 20.76 min Scan# 3007

Delta R.T. 0.00 min

Lab File: BG041802.D

Acq: 30 Jul 2019 15:20

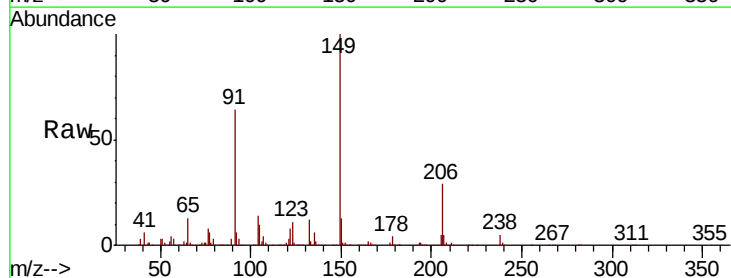
Tgt Ion:149 Resp: 673035

Ion Ratio Lower Upper

149 100

91 64.2 58.9 88.3

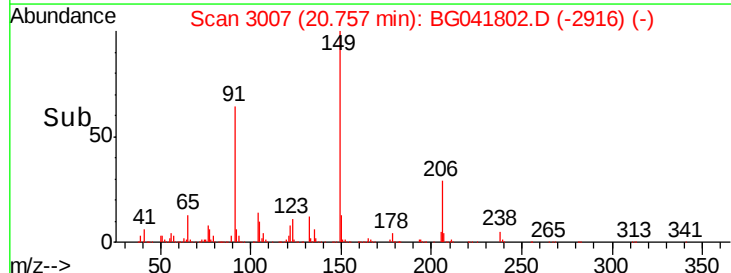
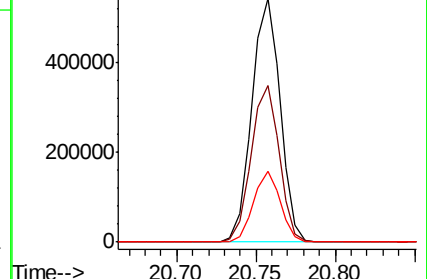
206 29.1 20.8 31.2

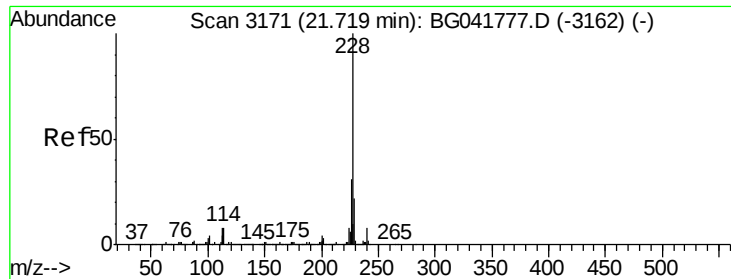


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

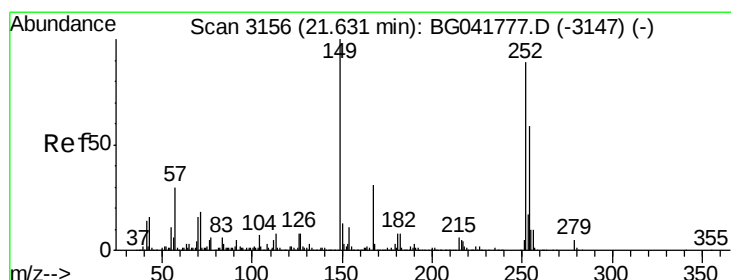
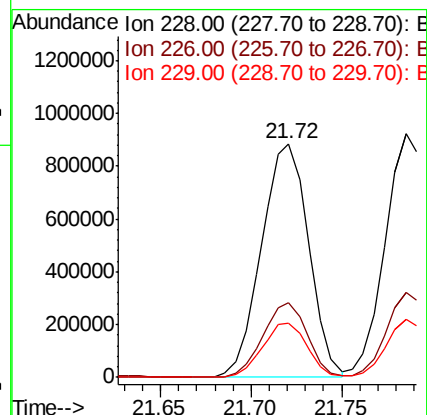
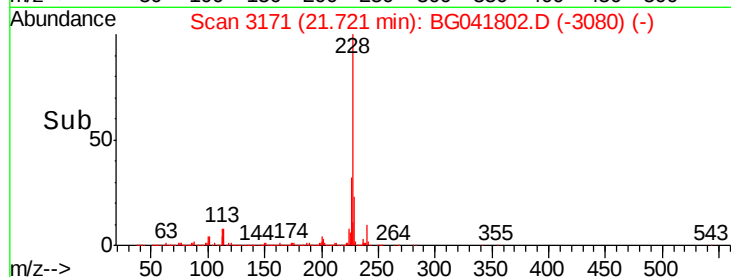
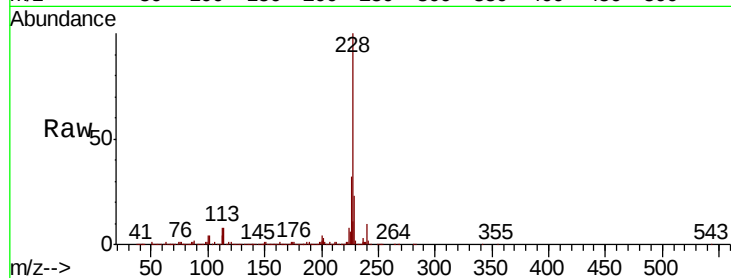




#81
Benzo(a)anthracene
Concen: 41.534 ng
RT: 21.72 min Scan# 3171
Delta R.T. 0.00 min
Lab File: BG041802.D
Acq: 30 Jul 2019 15:20

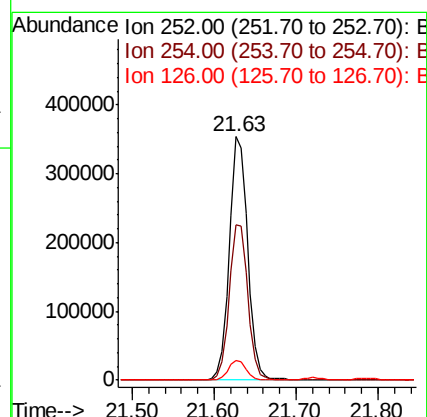
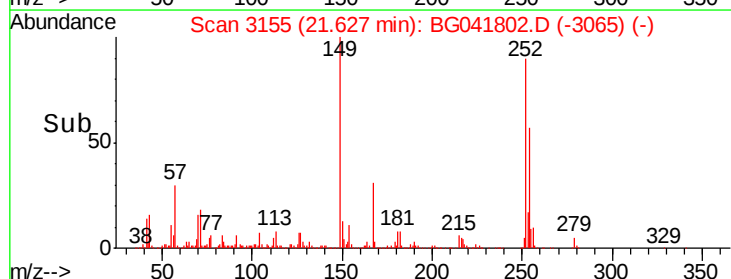
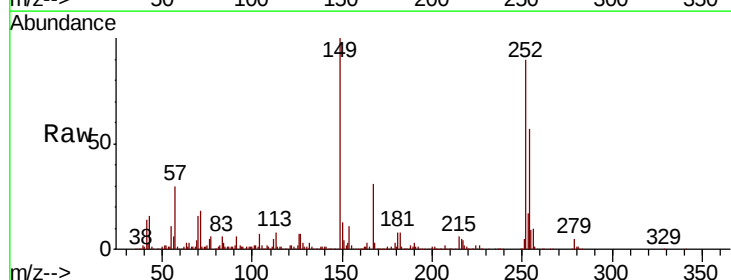
Instrument :
BNA_G
ClientSampleId :
PB121801BSD

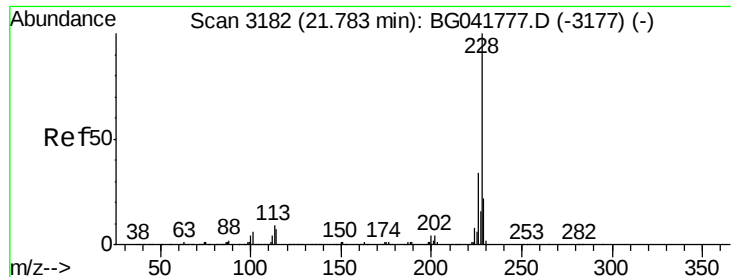
Tgt Ion:228 Resp: 1605266
Ion Ratio Lower Upper
228 100
226 31.8 27.3 40.9
229 23.4 19.7 29.5



#82
3,3'-Dichlorobenzidine
Concen: 35.509 ng
RT: 21.63 min Scan# 3155
Delta R.T. -0.00 min
Lab File: BG041802.D
Acq: 30 Jul 2019 15:20

Tgt Ion:252 Resp: 551017
Ion Ratio Lower Upper
252 100
254 63.6 53.8 80.6
126 8.2 7.8 11.8





#83

Chrysene

Concen: 42.944 ng

RT: 21.79 min Scan# 3182

Delta R.T. 0.00 min

Lab File: BG041802.D

Acq: 30 Jul 2019 15:20

Instrument :

BNA_G

ClientSampleId :

PB121801BSD

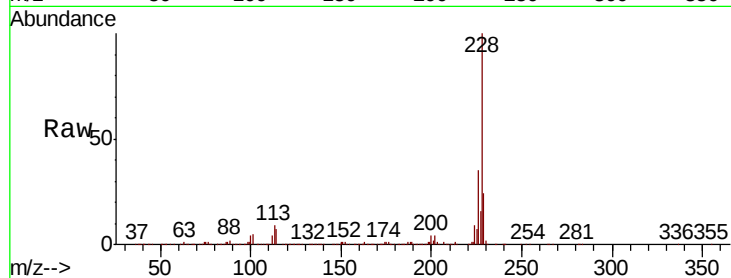
Tgt Ion:228 Resp: 1590997

Ion Ratio Lower Upper

228 100

226 34.7 30.1 45.1

229 23.8 19.8 29.6

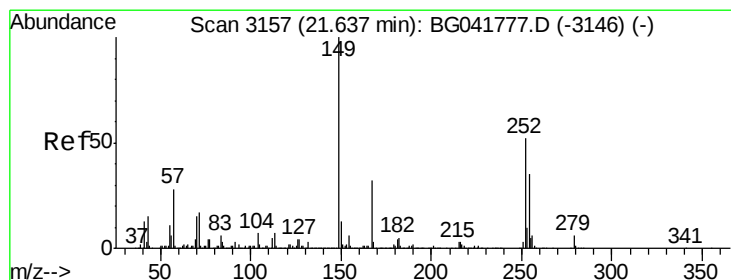
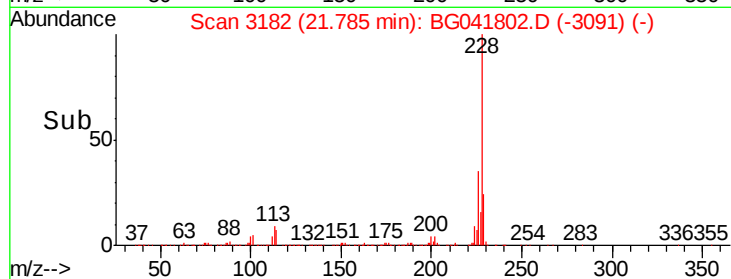
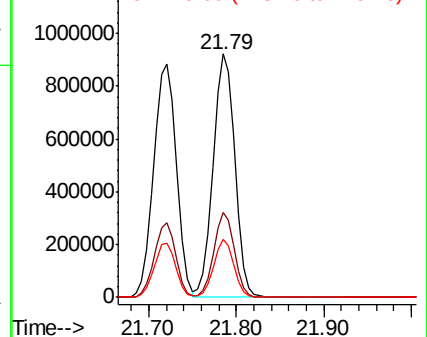


Abundance

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: 44.358 ng

RT: 21.64 min Scan# 3157

Delta R.T. 0.00 min

Lab File: BG041802.D

Acq: 30 Jul 2019 15:20

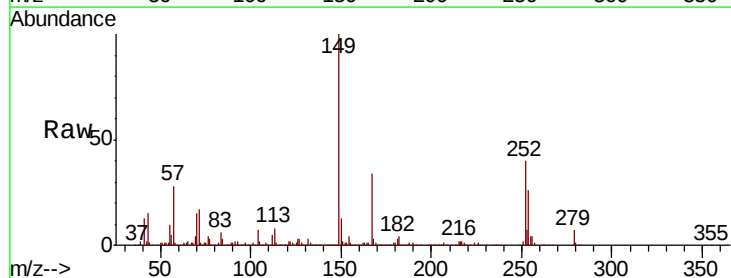
Tgt Ion:149 Resp: 908000

Ion Ratio Lower Upper

149 100

167 33.8 27.0 40.4

279 6.8 5.0 7.6

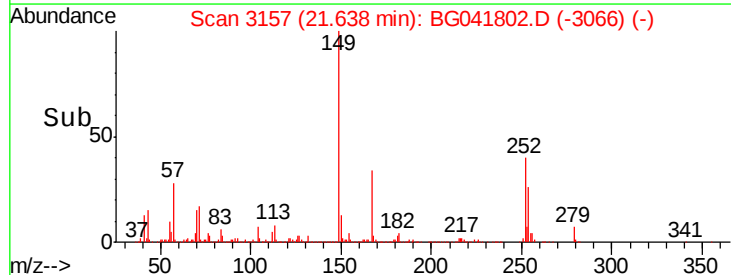
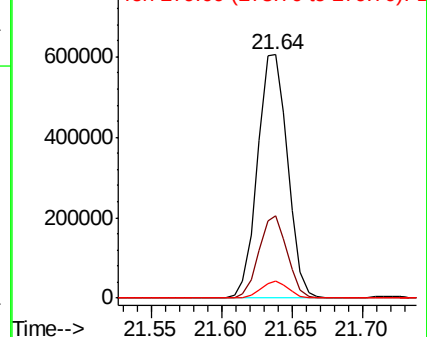


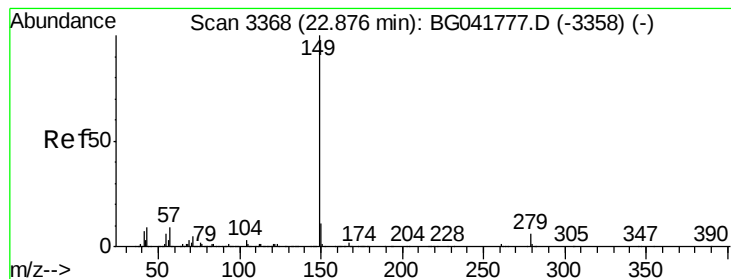
Abundance

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: 45.635 ng

RT: 22.87 min Scan# 3367

Delta R.T. -0.00 min

Lab File: BG041802.D

Acq: 30 Jul 2019 15:20

Instrument :

BNA_G

ClientSampleId :

PB121801BSD

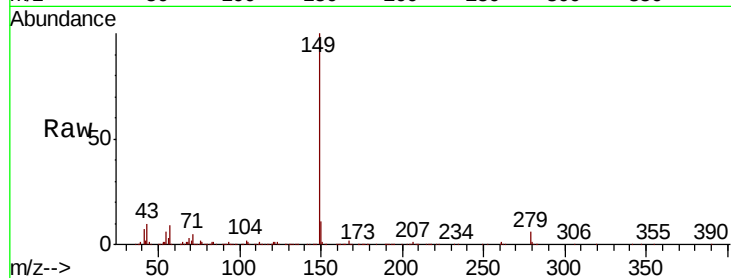
Tgt Ion:149 Resp: 1572102

Ion Ratio Lower Upper

149 100

167 1.9 1.6 2.4

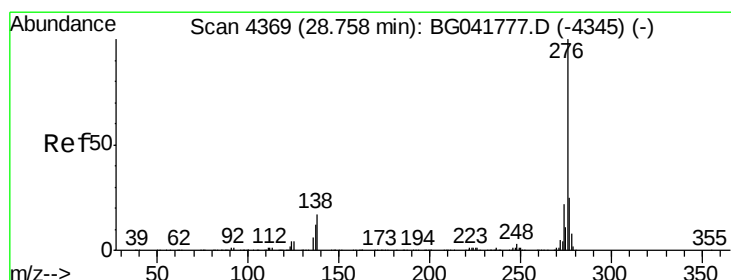
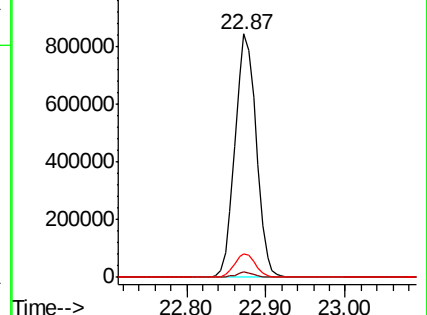
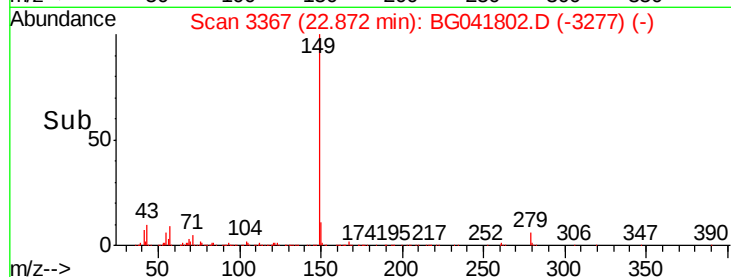
43 9.4 10.6 16.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 43.040 ng

RT: 28.76 min Scan# 4369

Delta R.T. 0.00 min

Lab File: BG041802.D

Acq: 30 Jul 2019 15:20

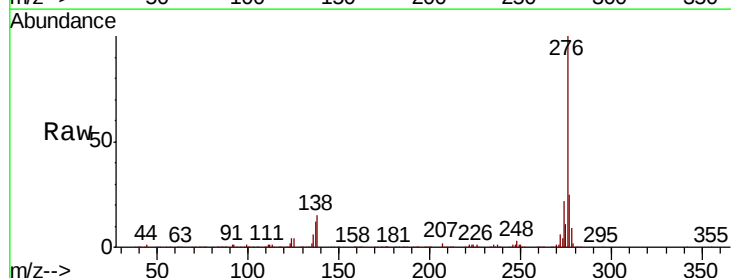
Tgt Ion:276 Resp: 2110874

Ion Ratio Lower Upper

276 100

138 14.0 19.4 29.0#

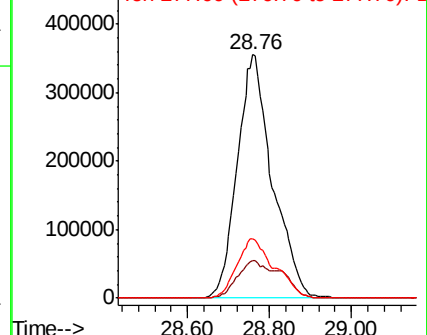
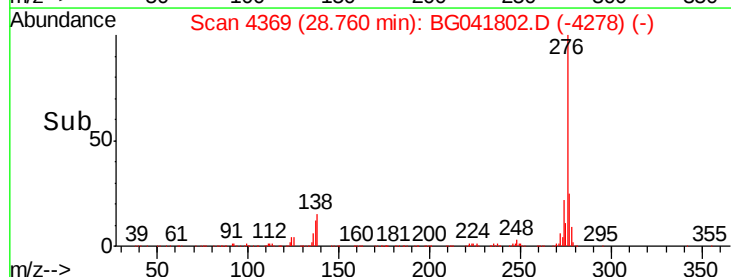
277 26.2 21.2 31.8

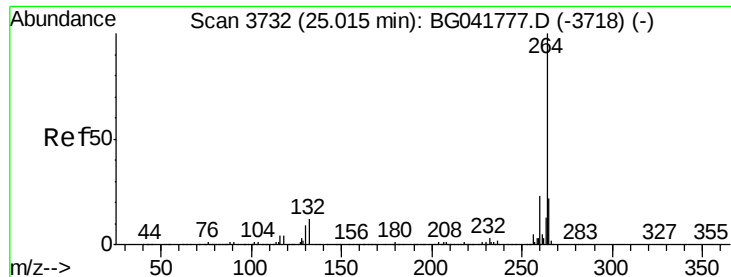


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



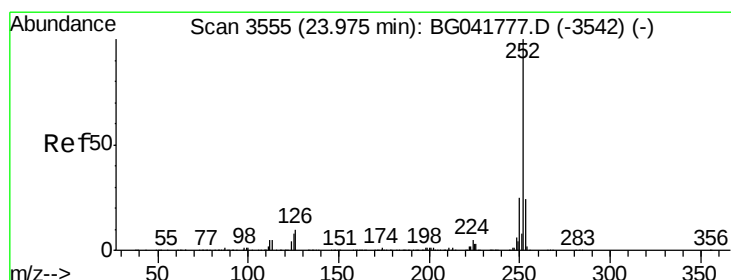
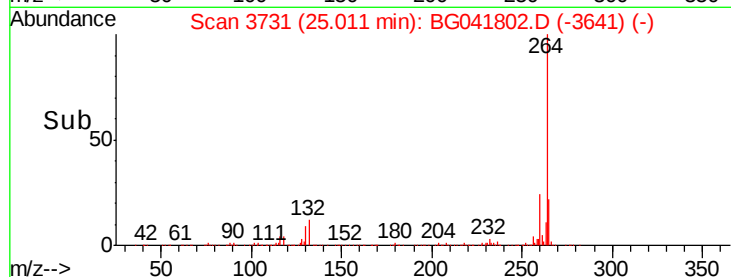
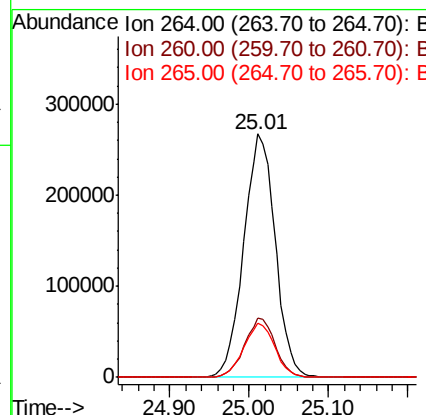
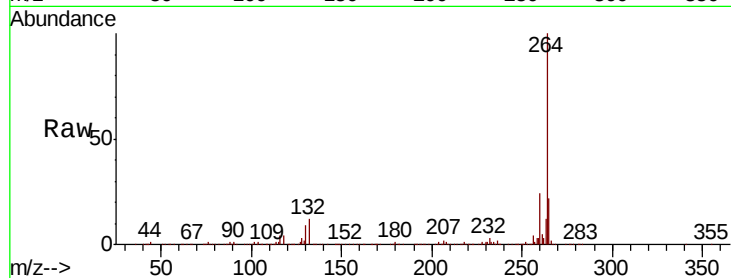


#87
Perylene-d12
Concen: 20.000 ng
RT: 25.01 min Scan# 3731
Delta R.T. -0.00 min
Lab File: BG041802.D
Acq: 30 Jul 2019 15:20

Instrument :
BNA_G
ClientSampleId :
PB121801BSD

Tgt Ion:264 Resp: 735550

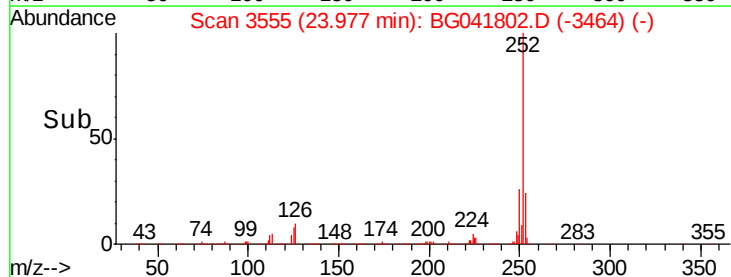
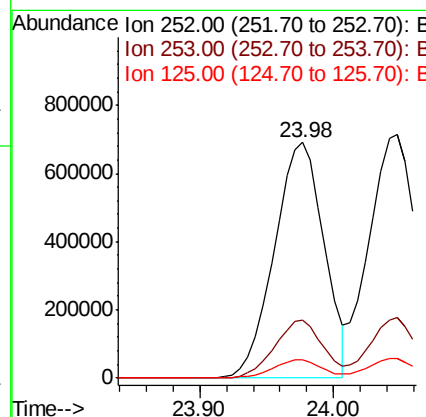
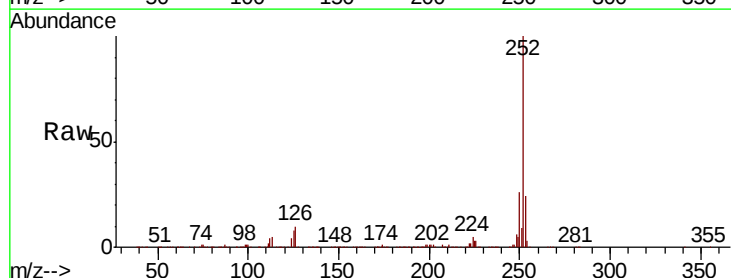
Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	22.0	18.0	27.0

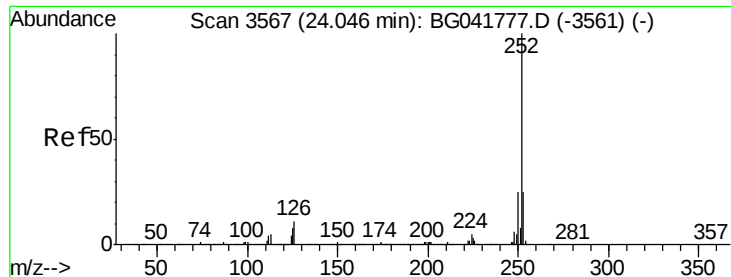


#88
Benzo(b)fluoranthene
Concen: 44.285 ng
RT: 23.98 min Scan# 3555
Delta R.T. 0.00 min
Lab File: BG041802.D
Acq: 30 Jul 2019 15:20

Tgt Ion:252 Resp: 1781927

Ion	Ratio	Lower	Upper
252	100		
253	24.5	20.6	30.8
125	8.0	8.0	12.0

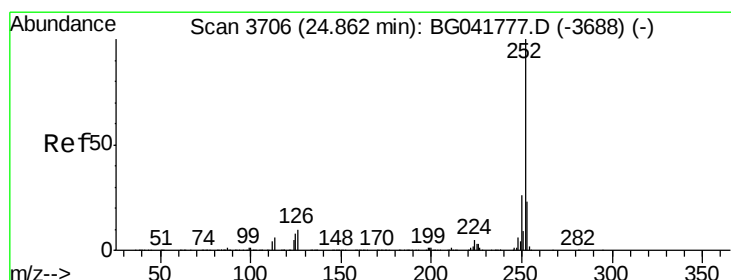
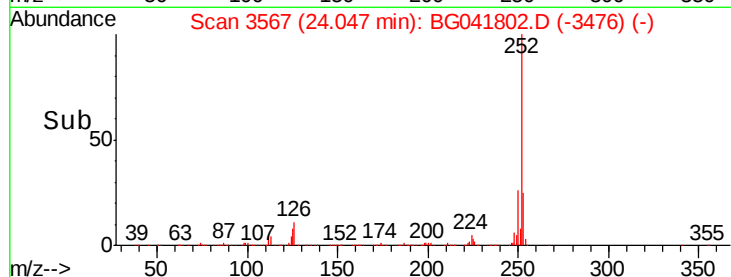
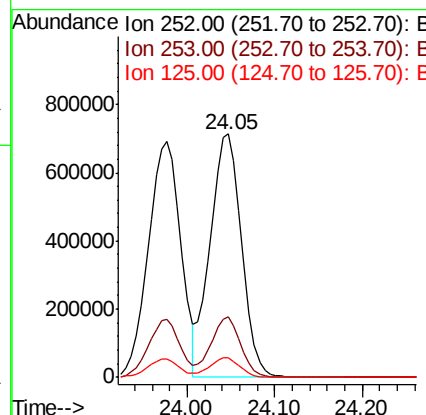
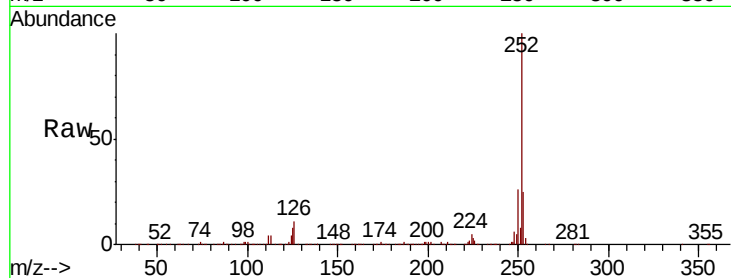




#89
Benzo(k)fluoranthene
Concen: 45.409 ng
RT: 24.05 min Scan# 3567
Delta R.T. 0.00 min
Lab File: BG041802.D
Acq: 30 Jul 2019 15:20

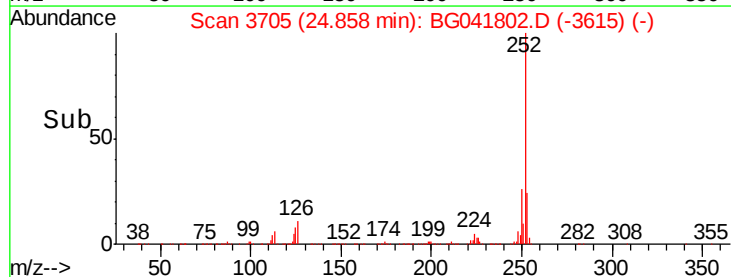
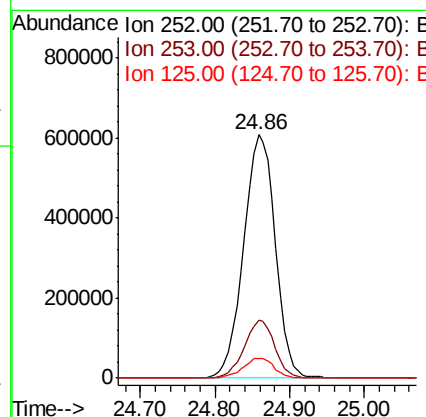
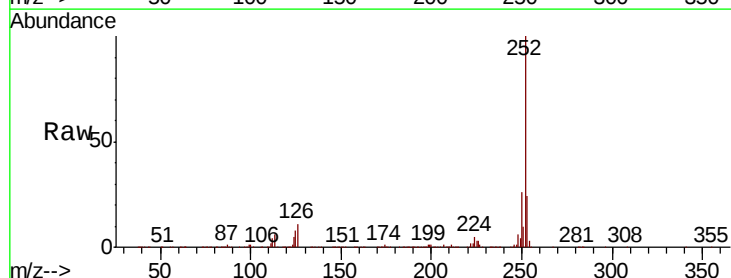
Instrument :
BNA_G
ClientSampleId :
PB121801BSD

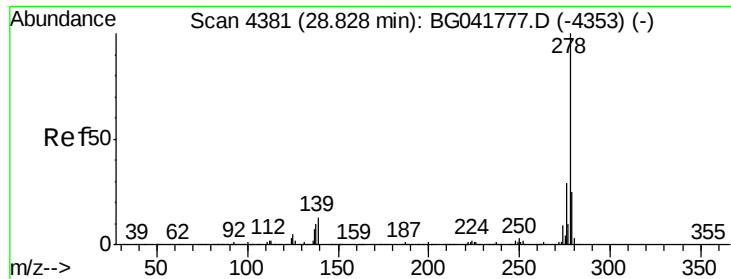
Tgt Ion:252 Resp: 1779830
Ion Ratio Lower Upper
252 100
253 24.9 20.5 30.7
125 7.9 8.4 12.6#



#90
Benzo(a)pyrene
Concen: 46.320 ng
RT: 24.86 min Scan# 3705
Delta R.T. -0.00 min
Lab File: BG041802.D
Acq: 30 Jul 2019 15:20

Tgt Ion:252 Resp: 1787553
Ion Ratio Lower Upper
252 100
253 24.0 19.8 29.8
125 8.3 8.8 13.2#



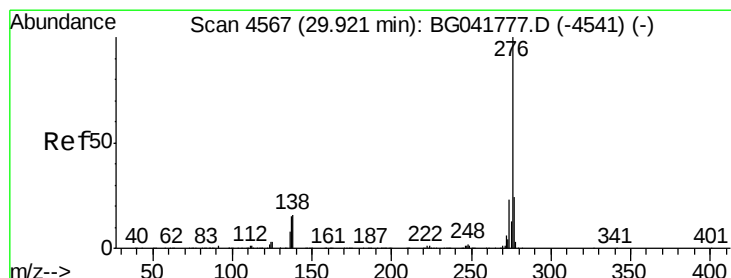
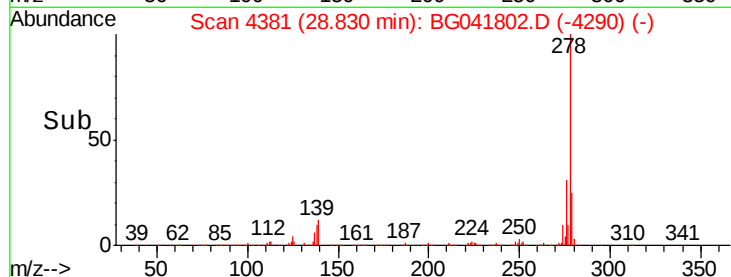
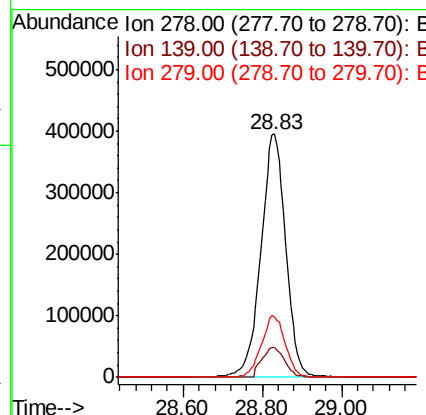
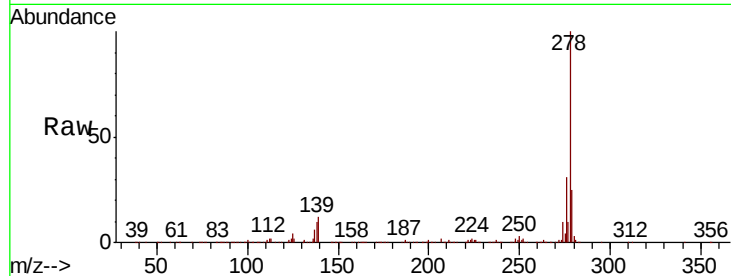


#91
Dibenzo(a,h)anthracene
Concen: 45.470 ng
RT: 28.83 min Scan# 4381
Delta R.T. 0.00 min
Lab File: BG041802.D
Acq: 30 Jul 2019 15:20

Instrument :
BNA_G
ClientSampleId :
PB121801BSD

Tgt Ion:278 Resp: 1723003

Ion	Ratio	Lower	Upper
278	100		
139	12.1	12.6	19.0#
279	24.9	20.5	30.7



#92
Benzo(g,h,i)perylene
Concen: 46.020 ng
RT: 29.93 min Scan# 4568
Delta R.T. 0.01 min
Lab File: BG041802.D
Acq: 30 Jul 2019 15:20

Tgt Ion:276 Resp: 1742218

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.8	29.8
138	16.7	16.6	25.0

