

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG073019\
 Data File : BG041797.D
 Acq On : 30 Jul 2019 10:49
 Operator : HP/JU
 Sample : PB121767BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB121767BSD

Quant Time: Jul 31 01:15:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG072719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 07:53:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	102527	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	407923	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	296337	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	661755	20.00	ng	0.00
76) Chrysene-d12	21.74	240	654656	20.00	ng	0.00
87) Perylene-d12	25.02	264	750802	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.59	112	656727	124.62	ng	0.00
7) Phenol-d6	7.20	99	899296	126.58	ng	0.00
23) Nitrobenzene-d5	9.21	82	524816	88.54	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	460004	136.66	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1400125	83.33	ng	0.00
79) Terphenyl-d14	20.07	244	2273579	79.47	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.46	88	86532	34.888	ng	91
3) Pyridine	3.86	79	184342	27.103	ng	93
4) n-Nitrosodimethylamine	3.78	42	94854	35.180	ng	88
6) Aniline	7.36	93	292845	29.274	ng	94
8) 2-Chlorophenol	7.61	128	252079	41.775	ng	94
9) Benzaldehyde	7.17	77	39330	7.868	ng	87
10) Phenol	7.22	94	305469	41.330	ng	99
11) bis(2-Chloroethyl)ether	7.46	93	221412	36.440	ng	91
12) 1,3-Dichlorobenzene	7.94	146	273654	34.747	ng	97
13) 1,4-Dichlorobenzene	8.08	146	276945	35.144	ng	95
14) 1,2-Dichlorobenzene	8.41	146	264978	35.239	ng	95
15) Benzyl Alcohol	8.28	79	219601	39.291	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.58	45	379691	35.124	ng	97
17) 2-Methylphenol	8.49	107	218379	40.628	ng	97
18) Hexachloroethane	9.14	117	96005	35.576	ng	96
19) n-Nitroso-di-n-propylamine	8.86	70	189178	36.678	ng	91
20) 3+4-Methylphenols	8.81	107	303104	41.207	ng	97
22) Acetophenone	8.87	105	366353	40.152	ng	# 92
24) Nitrobenzene	9.25	77	262992	42.113	ng	98
25) Isophorone	9.78	82	511211	39.645	ng	99
26) 2-Nitrophenol	9.97	139	139313	48.067	ng	96
27) 2,4-Dimethylphenol	10.03	122	252007	49.265	ng	97
28) bis(2-Chloroethoxy)methane	10.27	93	310133	38.487	ng	99
29) 2,4-Dichlorophenol	10.51	162	280403	45.013	ng	97
30) 1,2,4-Trichlorobenzene	10.73	180	307019	38.866	ng	98
31) Naphthalene	10.92	128	747840	40.057	ng	98
32) Benzoic acid	10.16	122	146921	41.622	ng	95
33) 4-Chloroaniline	11.02	127	217283	24.542	ng	96
34) Hexachlorobutadiene	11.21	225	202869	38.052	ng	99
35) Caprolactam	11.79	113	45364	20.955	ng	# 73
36) 4-Chloro-3-methylphenol	12.14	107	278418	45.082	ng	98
37) 2-Methylnaphthalene	12.53	142	610164	41.290	ng	100
38) 1-Methylnaphthalene	12.75	142	581275	41.507	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	378259	40.325	ng	99

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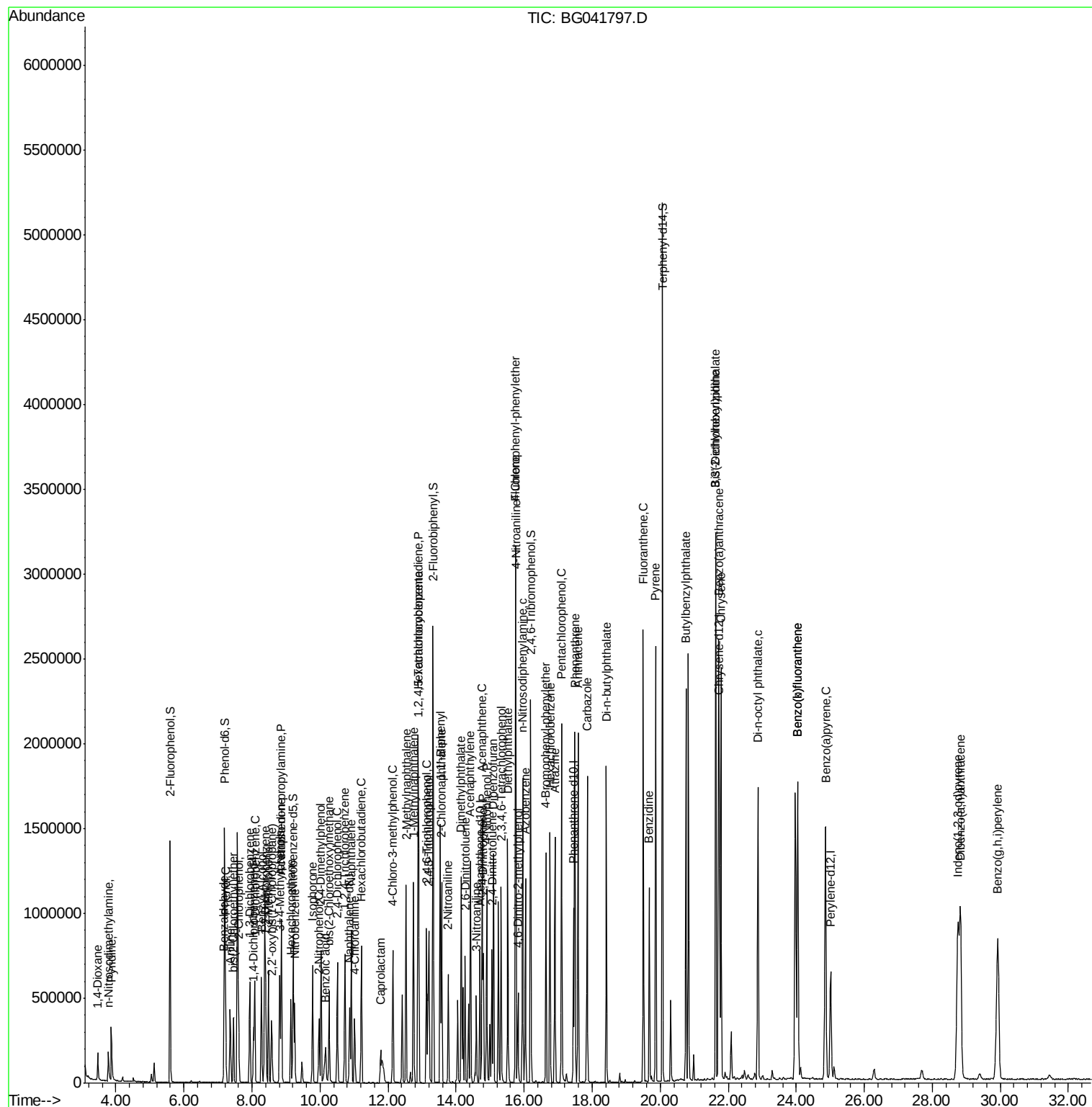
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	462600	87.715	ng	98
43) 2,4,6-Trichlorophenol	13.13	196	256712	43.300	ng	97
44) 2,4,5-Trichlorophenol	13.20	196	278202	45.155	ng	95
46) 1,1'-Biphenyl	13.54	154	783277	41.118	ng	97
47) 2-Chloronaphthalene	13.58	162	631933	38.964	ng	97
48) 2-Nitroaniline	13.77	65	180114	43.787	ng	87
49) Acenaphthylene	14.42	152	1002441	41.320	ng	98
50) Dimethylphthalate	14.15	163	848759	41.938	ng	99
51) 2,6-Dinitrotoluene	14.26	165	197518	46.673	ng	90
52) Acenaphthene	14.77	154	708023	44.872	ng	99
53) 3-Nitroaniline	14.59	138	146292	32.313	ng	# 92
54) 2,4-Dinitrophenol	14.80	184	234185	87.940	ng	90
55) Dibenzofuran	15.10	168	999529	41.415	ng	95
56) 4-Nitrophenol	14.90	139	333938	97.171	ng	93
57) 2,4-Dinitrotoluene	15.06	165	281651	48.395	ng	91
58) Fluorene	15.75	166	808512	41.744	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.33	232	286072	46.881	ng	94
60) Diethylphthalate	15.52	149	832025	41.874	ng	99
61) 4-Chlorophenyl-phenylether	15.74	204	482998	40.849	ng	97
62) 4-Nitroaniline	15.76	138	205585	41.924	ng	97
63) Azobenzene	16.04	77	665586	41.007	ng	96
65) 4,6-Dinitro-2-methylphenol	15.82	198	155329	47.964	ng	88
66) n-Nitrosodiphenylamine	15.96	169	769929	42.713	ng	97
67) 4-Bromophenyl-phenylether	16.64	248	330110	40.497	ng	97
68) Hexachlorobenzene	16.76	284	338853	39.734	ng	97
69) Atrazine	16.91	200	311643	44.002	ng	99
70) Pentachlorophenol	17.10	266	454019	93.717	ng	97
71) Phenanthrene	17.50	178	1342523	42.324	ng	96
72) Anthracene	17.59	178	1381687	43.675	ng	95
73) Carbazole	17.85	167	1239149	43.641	ng	96
74) Di-n-butylphthalate	18.42	149	1419890	44.110	ng	96
75) Fluoranthene	19.50	202	1677358	43.504	ng	94
77) Benzidine	19.68	184	716382	33.526	ng	98
78) Pyrene	19.87	202	1674262	43.165	ng	95
80) Butylbenzylphthalate	20.76	149	667790	44.905	ng	92
81) Benzo(a)anthracene	21.72	228	1607369	41.499	ng	96
82) 3,3'-Dichlorobenzidine	21.63	252	534567	34.375	ng	97
83) Chrysene	21.78	228	1582359	42.619	ng	95
84) Bis(2-ethylhexyl)phthalate	21.64	149	910559	44.388	ng	100
85) Di-n-octyl phthalate	22.88	149	1564694	45.323	ng	# 91
86) Indeno(1,2,3-cd)pyrene	28.75	276	2100032	42.728	ng	# 91
88) Benzo(b)fluoranthene	24.05	252	1733474	42.206	ng	98
89) Benzo(k)fluoranthene	24.05	252	1733474	43.328	ng	# 97
90) Benzo(a)pyrene	24.86	252	1777434	45.123	ng	# 96
91) Dibenzo(a,h)anthracene	28.83	278	1724321	44.581	ng	# 96
92) Benzo(g,h,i)perylene	29.92	276	1755754	45.435	ng	97

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

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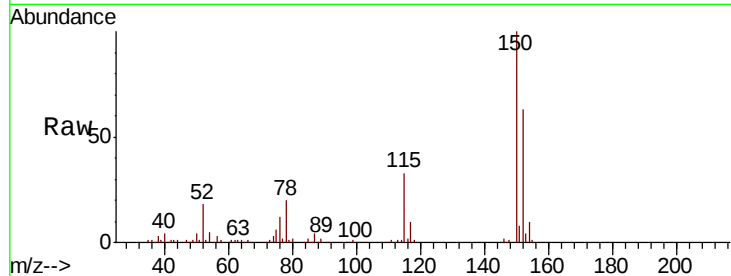


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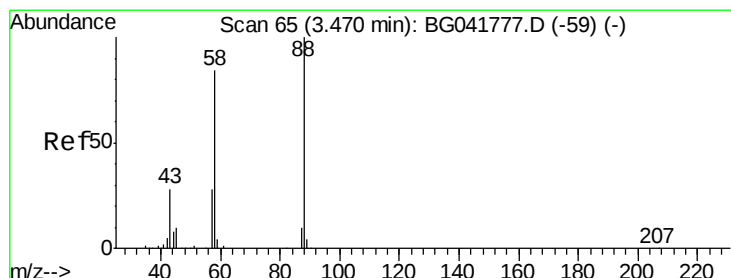
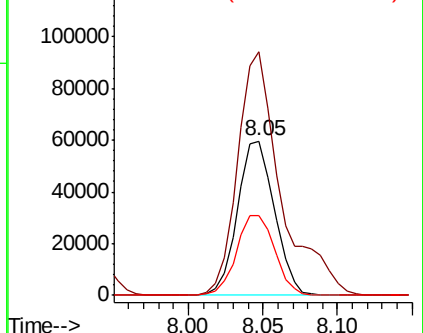
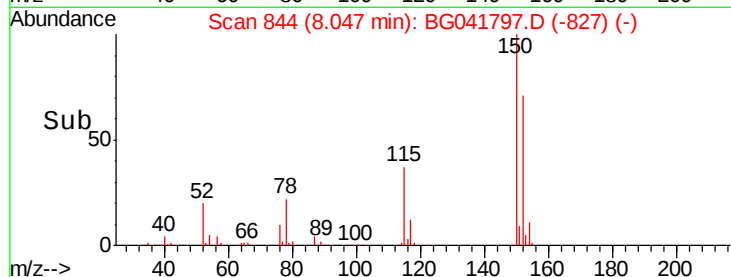
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 844
 Delta R.T. 0.00 min
 Lab File: BG041797.D
 Acq: 30 Jul 2019 10:49

Instrument :
 BNA_G
 ClientSampleId :
 PB121767BSD

Tgt Ion:152 Resp: 102527
 Ion Ratio Lower Upper
 152 100
 150 157.5 126.9 190.3
 115 51.5 45.0 67.6



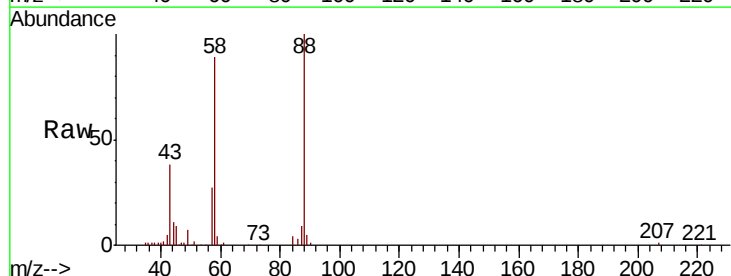
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



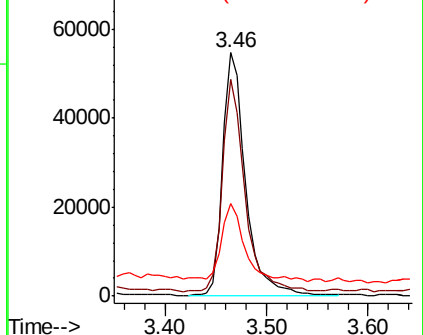
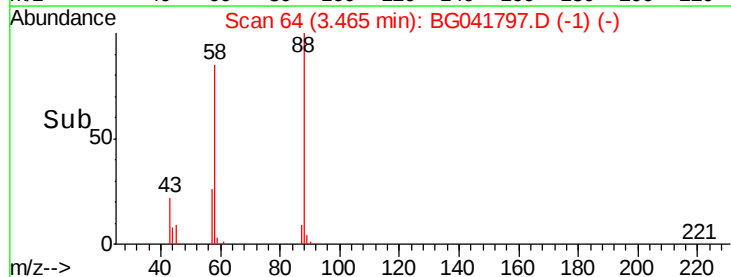
#2

1,4-Dioxane
 Concen: 34.888 ng
 RT: 3.46 min Scan# 64
 Delta R.T. -0.01 min
 Lab File: BG041797.D
 Acq: 30 Jul 2019 10:49

Tgt Ion: 88 Resp: 86532
 Ion Ratio Lower Upper
 88 100
 58 84.7 76.2 114.2
 43 31.7 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: 27.103 ng

RT: 3.86 min Scan# 132

Delta R.T. -0.01 min

Lab File: BG041797.D

Acq: 30 Jul 2019 10:49

Instrument :

BNA_G

ClientSampleId :

PB121767BSD

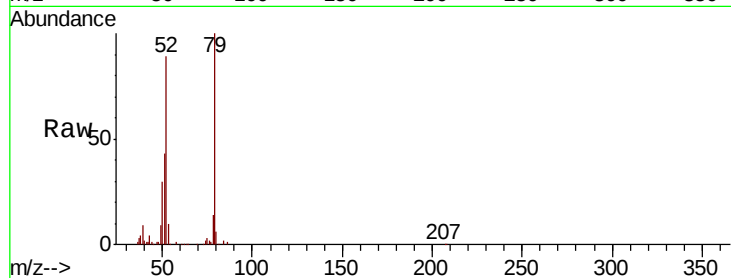
Tgt Ion: 79 Resp: 184342

Ion Ratio Lower Upper

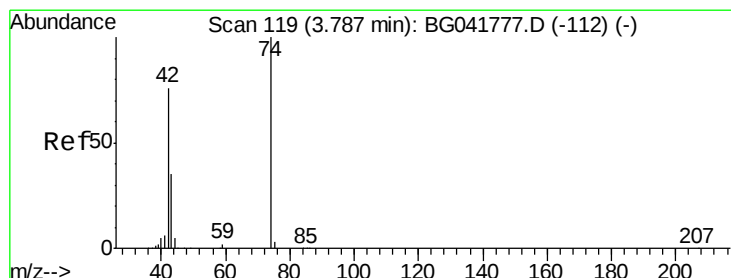
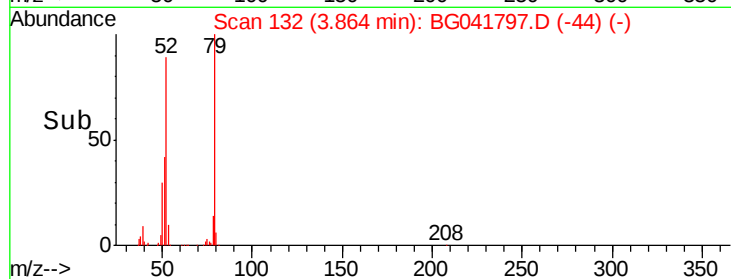
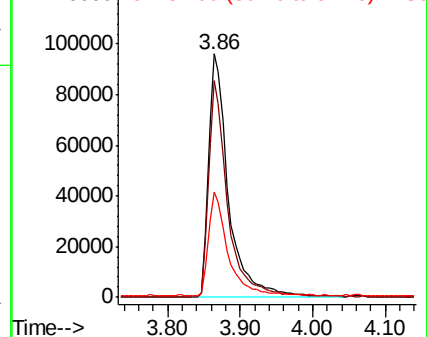
79 100

52 88.9 77.1 115.7

51 43.3 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: 35.180 ng

RT: 3.78 min Scan# 118

Delta R.T. -0.01 min

Lab File: BG041797.D

Acq: 30 Jul 2019 10:49

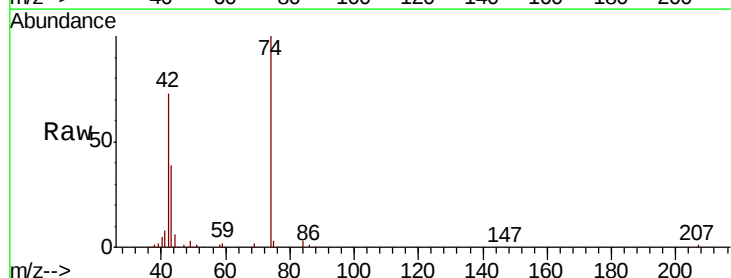
Tgt Ion: 42 Resp: 94854

Ion Ratio Lower Upper

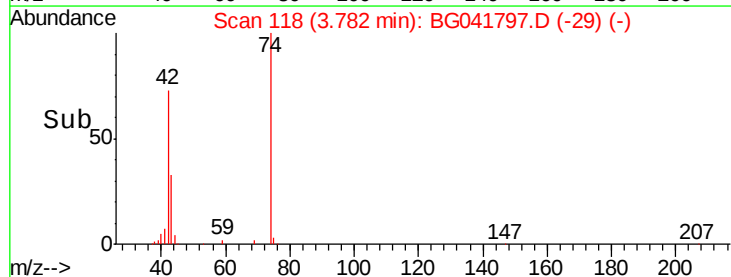
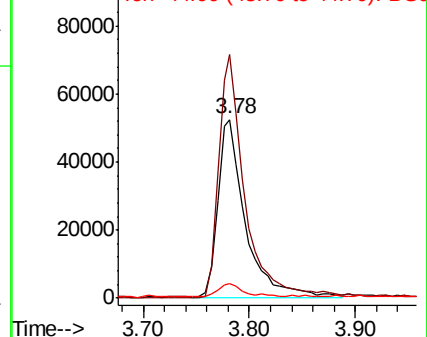
42 100

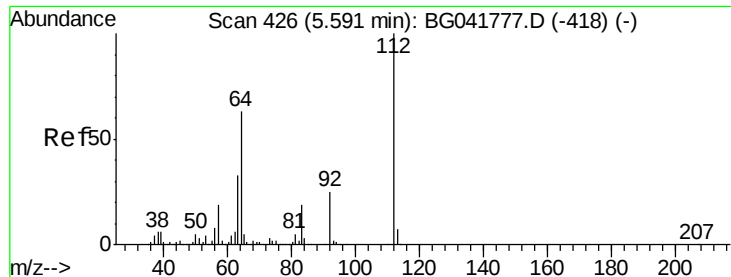
74 136.4 97.4 146.2

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: 124.625 ng

RT: 5.59 min Scan# 426

Delta R.T. 0.00 min

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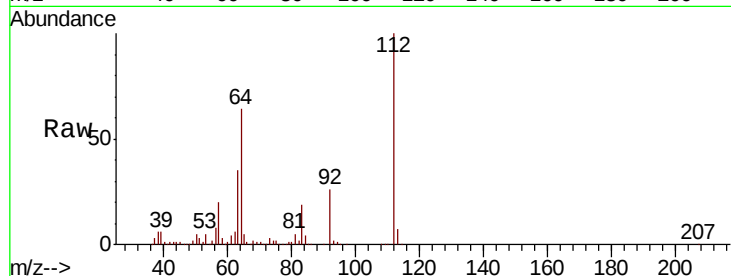
Tgt Ion: 112 Resp: 656727

Ion Ratio Lower Upper

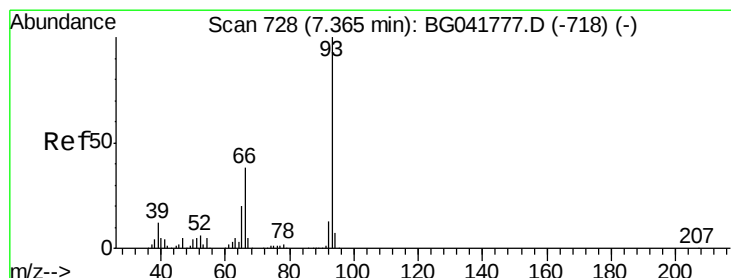
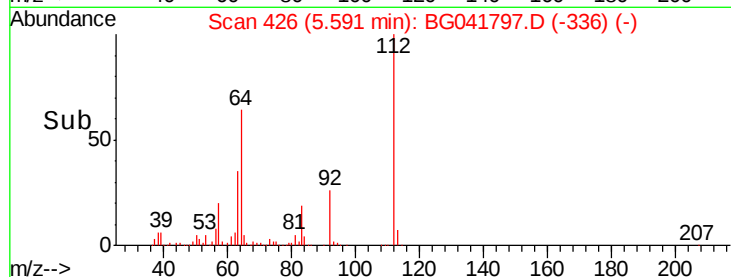
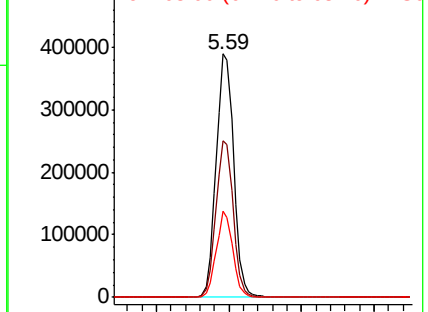
112 100

64 64.2 55.4 83.2

63 35.3 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: 29.274 ng

RT: 7.36 min Scan# 727

Delta R.T. -0.01 min

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Acq: 30 Jul 2019 10:49

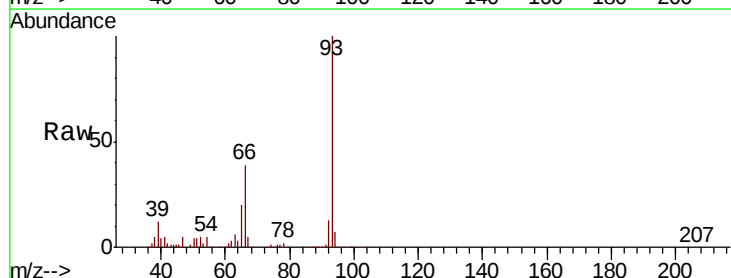
Tgt Ion: 93 Resp: 292845

Ion Ratio Lower Upper

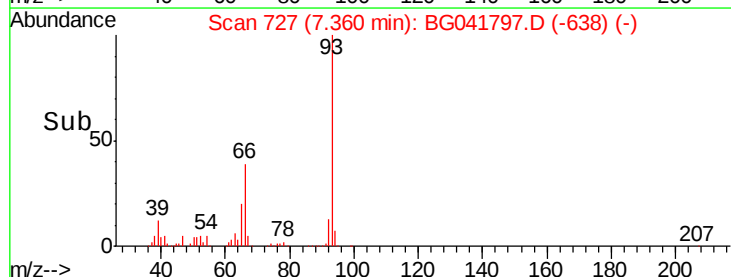
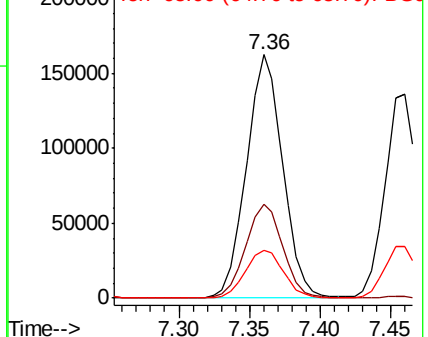
93 100

66 38.7 34.2 51.2

65 19.6 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: 126.585 ng

RT: 7.20 min Scan# 699

Delta R.T. 0.00 min

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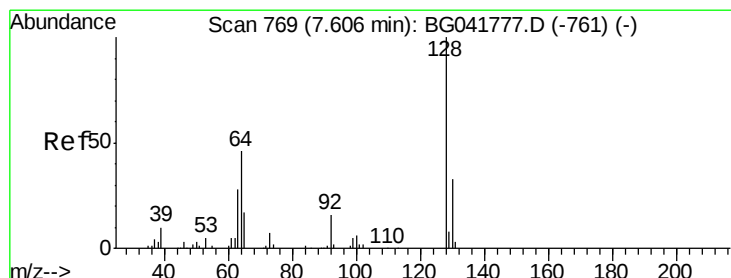
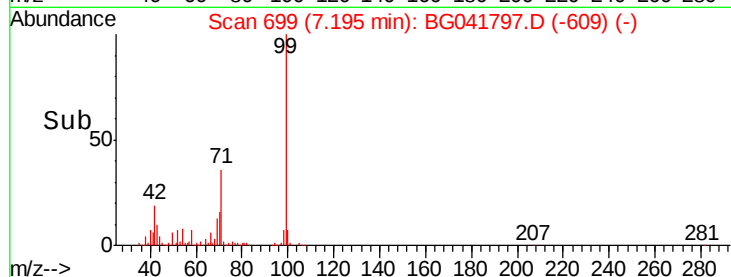
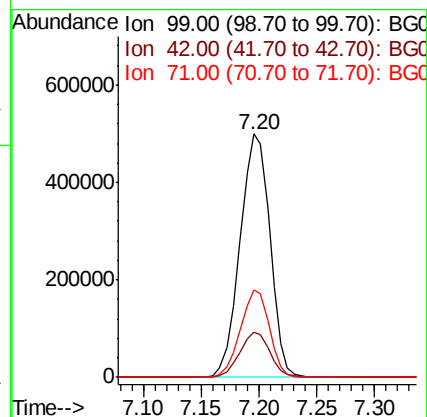
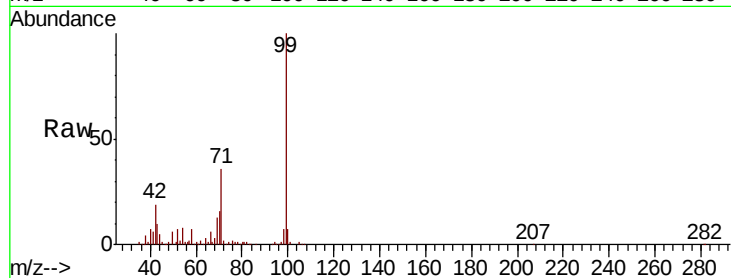
Tgt Ion: 99 Resp: 899296

Ion Ratio Lower Upper

99 100

42 18.7 17.6 26.4

71 35.8 27.8 41.6



#8

2-Chlorophenol

Concen: 41.775 ng

RT: 7.61 min Scan# 769

Delta R.T. 0.00 min

Lab File: BG041797.D

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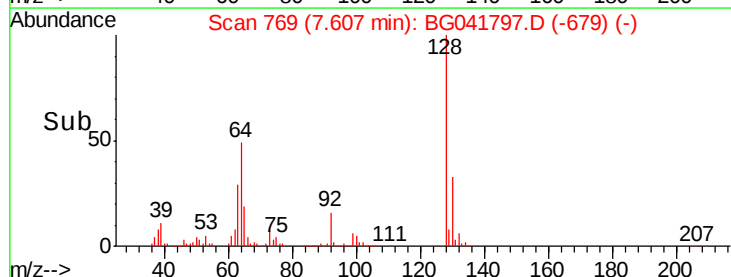
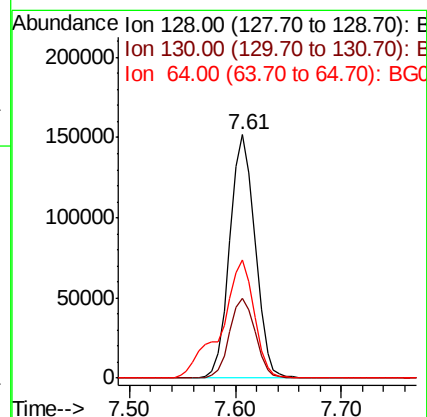
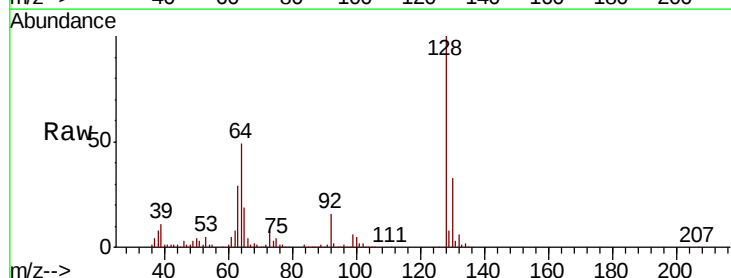
Tgt Ion: 128 Resp: 252079

Ion Ratio Lower Upper

128 100

130 33.0 12.4 52.4

64 48.8 34.9 74.9





#9

Benzaldehyde

Concen: 7.868 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.00 min

Lab File: BG041797.D

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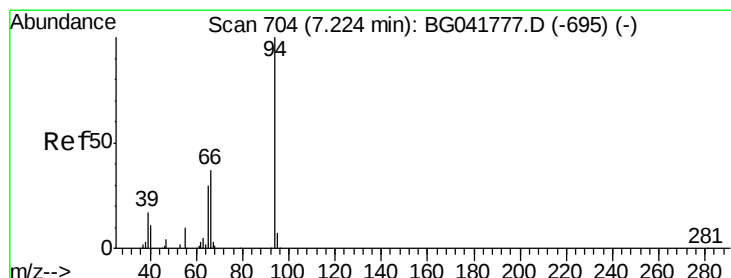
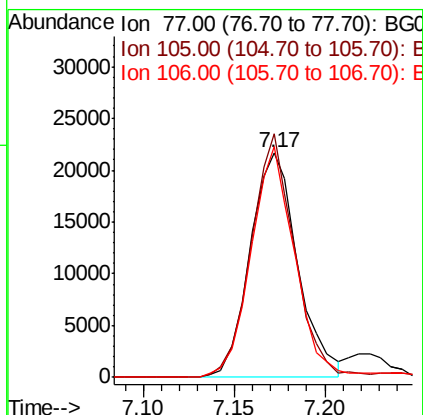
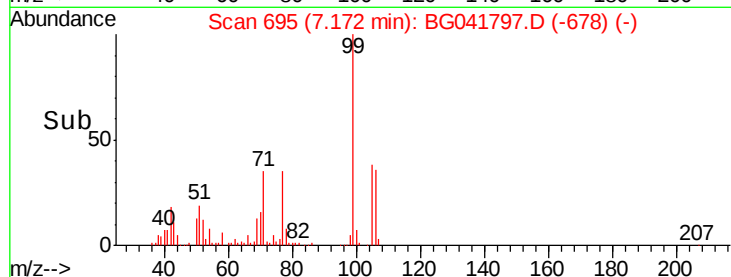
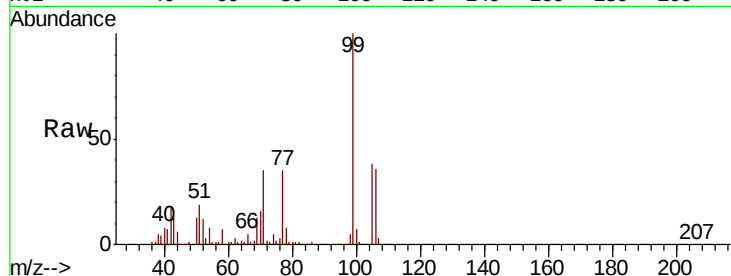
Tgt Ion: 77 Resp: 39330

Ion Ratio Lower Upper

77 100

105 108.4 74.6 114.6

106 102.8 71.1 111.1



#10

Phenol

Concen: 41.330 ng

RT: 7.22 min Scan# 704

Delta R.T. 0.00 min

Lab File: BG041797.D

Acq: 30 Jul 2019 10:49

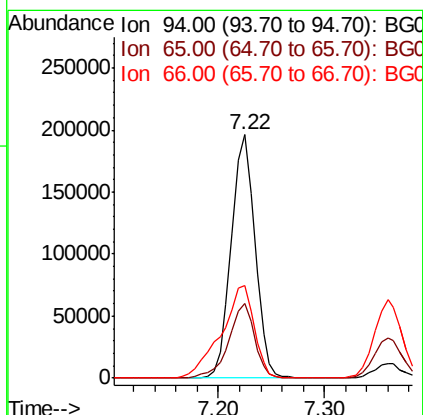
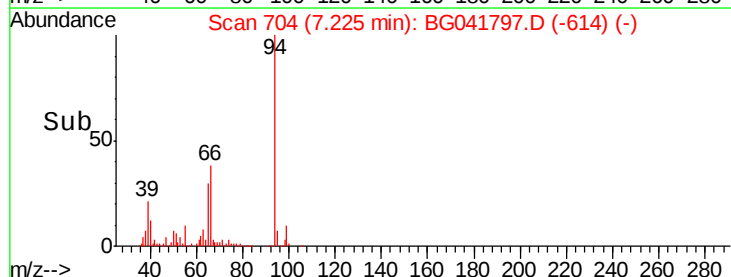
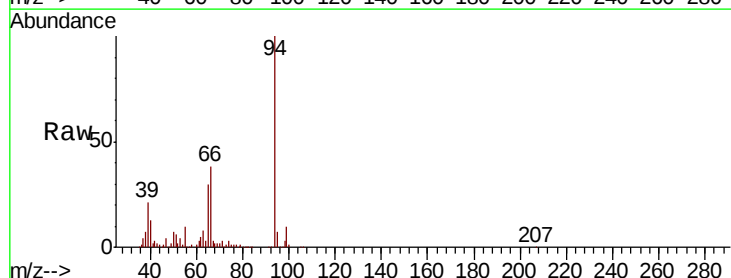
Tgt Ion: 94 Resp: 305469

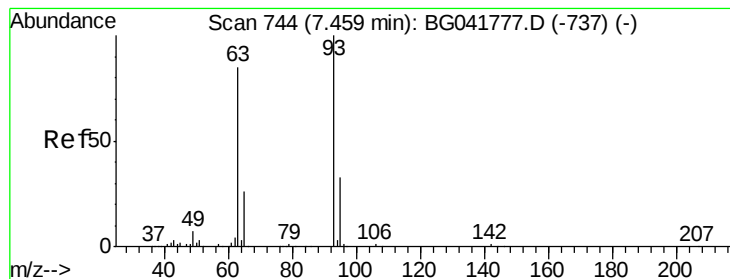
Ion Ratio Lower Upper

94 100

65 30.4 10.6 50.6

66 37.8 18.2 58.2





#11

bis(2-Chloroethyl)ether

Concen: 36.440 ng

RT: 7.46 min Scan# 744

Delta R.T. 0.00 min

Lab File: BG041797.D

Acq: 30 Jul 2019 10:49

Instrument :

BNA_G

ClientSampleId :

PB121767BSD

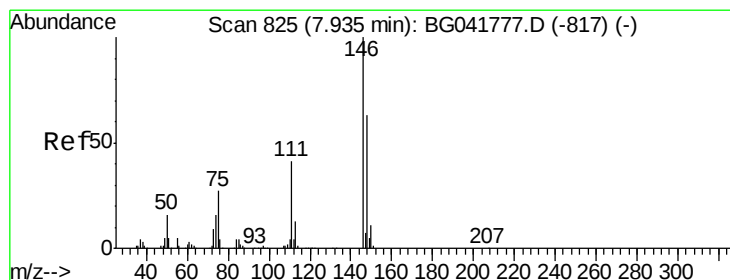
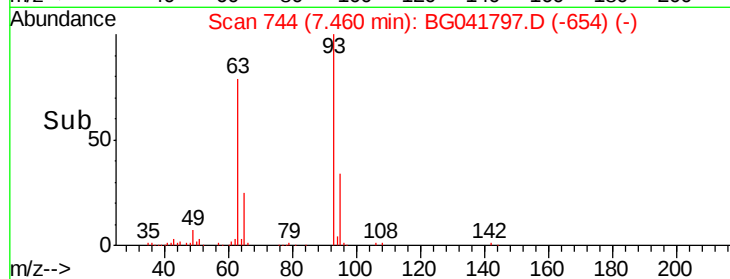
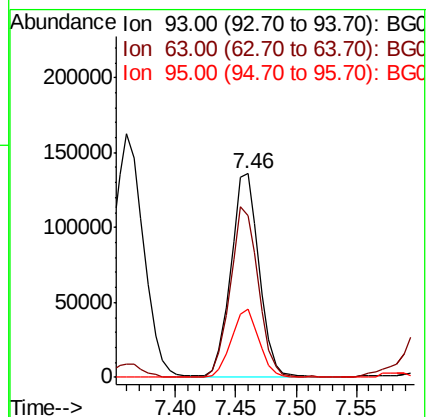
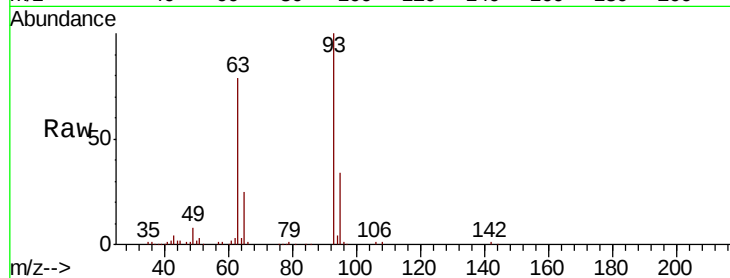
Tgt Ion: 93 Resp: 221412

Ion Ratio Lower Upper

93 100

63 79.5 70.4 110.4

95 33.6 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 34.747 ng

RT: 7.94 min Scan# 825

Delta R.T. 0.00 min

Lab File: BG041797.D

Acq: 30 Jul 2019 10:49

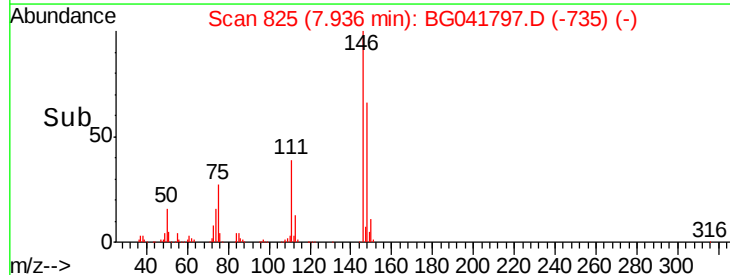
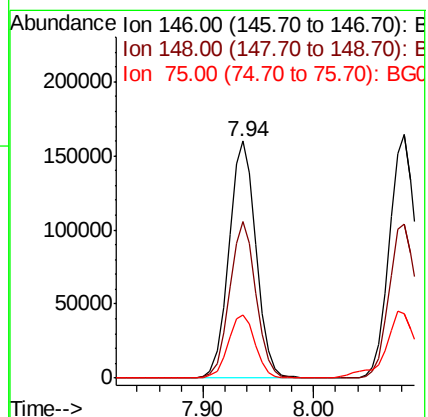
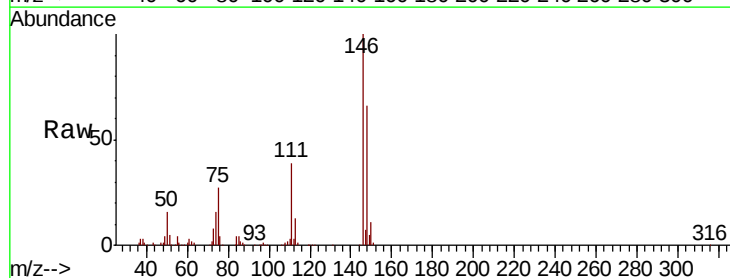
Tgt Ion: 146 Resp: 273654

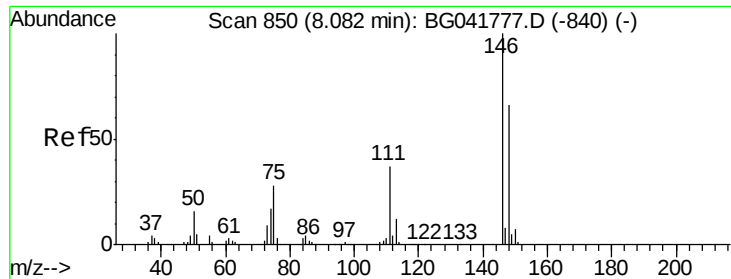
Ion Ratio Lower Upper

146 100

148 66.0 51.5 77.3

75 26.5 23.2 34.8

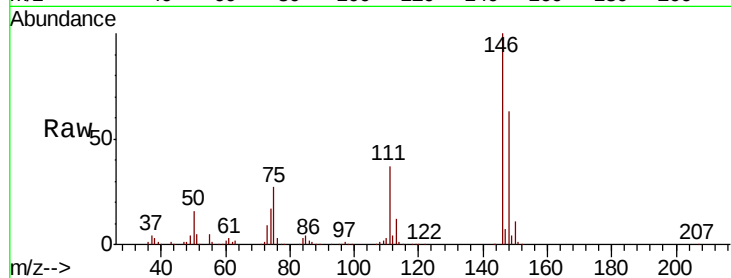




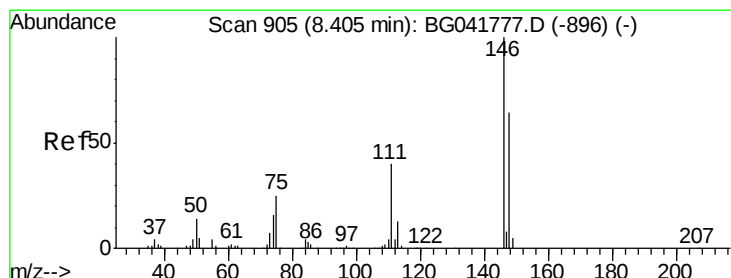
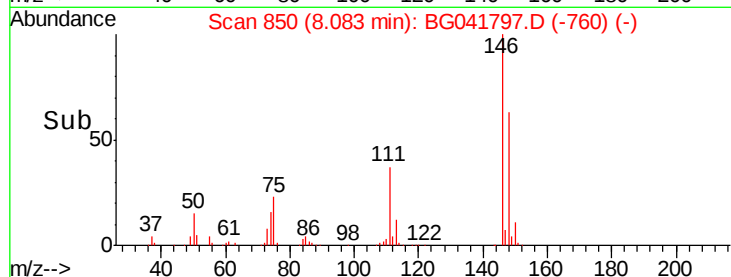
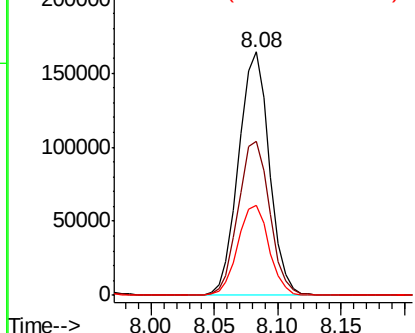
#13
 1,4-Dichlorobenzene
 Concen: 35.144 ng
 RT: 8.08 min Scan# 850
 Delta R.T. 0.00 min
 Lab File: BG041797.D
 Acq: 30 Jul 2019 10:49

Instrument :
 BNA_G
 ClientSampleId :
 PB121767BSD

Tgt Ion:146 Resp: 276945
 Ion Ratio Lower Upper
 146 100
 148 63.1 52.6 79.0
 111 36.7 32.5 48.7

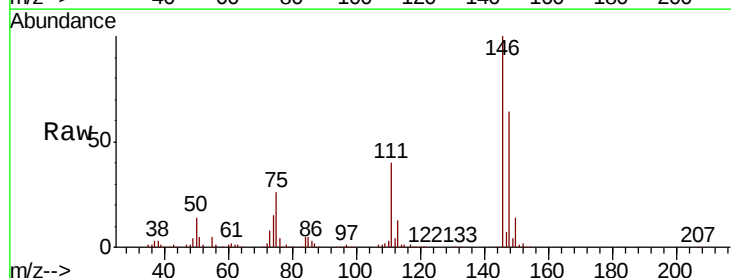


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

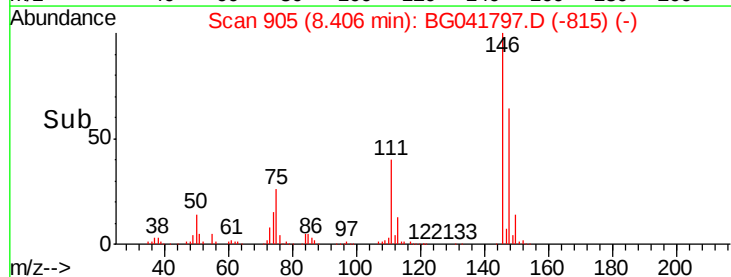
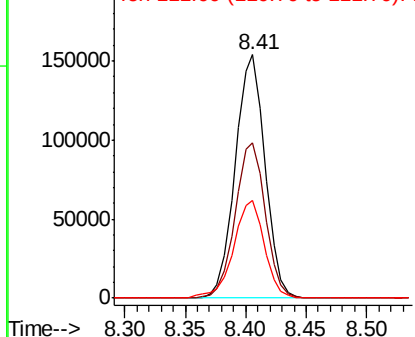


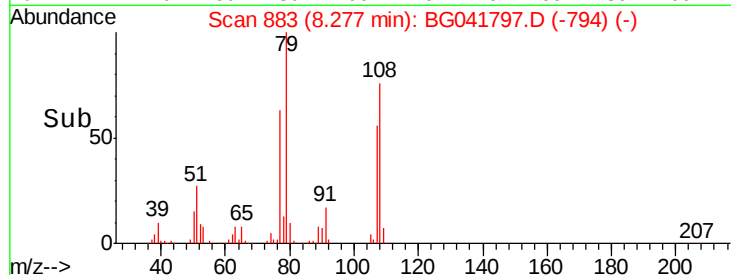
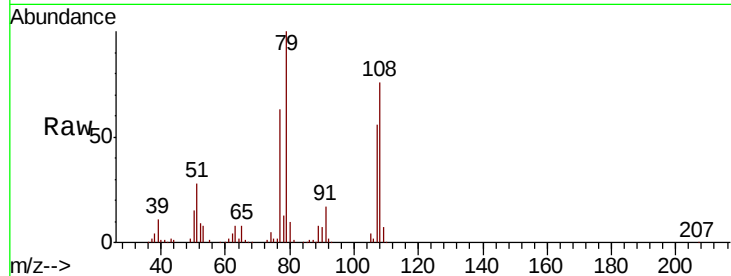
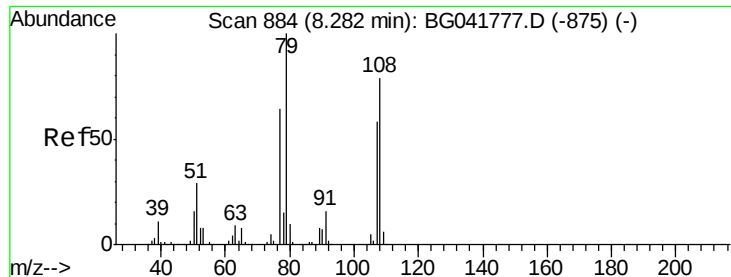
#14
 1,2-Dichlorobenzene
 Concen: 35.239 ng
 RT: 8.41 min Scan# 905
 Delta R.T. 0.00 min
 Lab File: BG041797.D
 Acq: 30 Jul 2019 10:49

Tgt Ion:146 Resp: 264978
 Ion Ratio Lower Upper
 146 100
 148 63.9 53.5 80.3
 111 40.0 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: 39.291 ng

RT: 8.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BG041797.D

Acq: 30 Jul 2019 10:49

Instrument :

BNA_G

ClientSampleId :

PB121767BSD

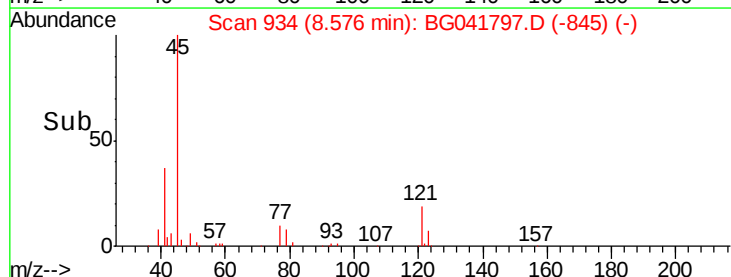
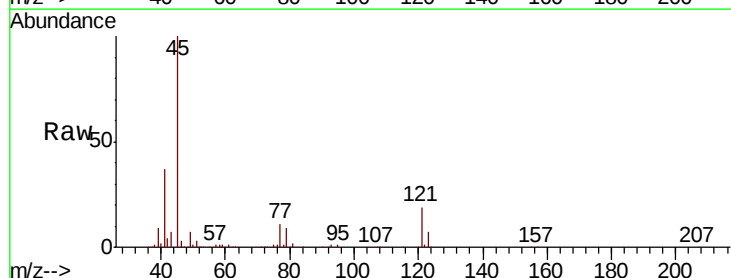
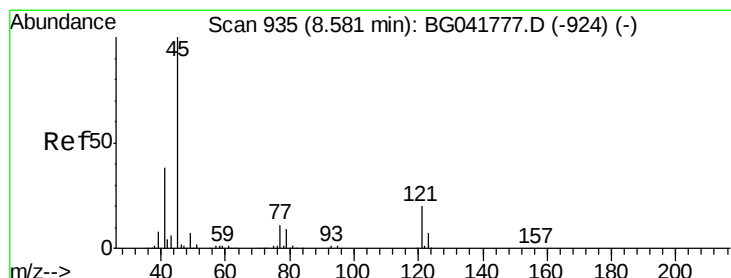
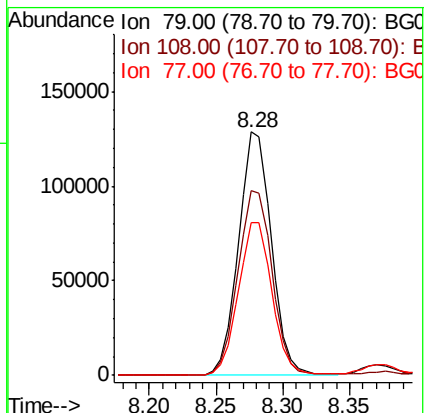
Tgt Ion: 79 Resp: 219601

Ion Ratio Lower Upper

79 100

108 75.9 60.5 90.7

77 62.7 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.124 ng

RT: 8.58 min Scan# 934

Delta R.T. -0.01 min

Lab File: BG041797.D

Acq: 30 Jul 2019 10:49

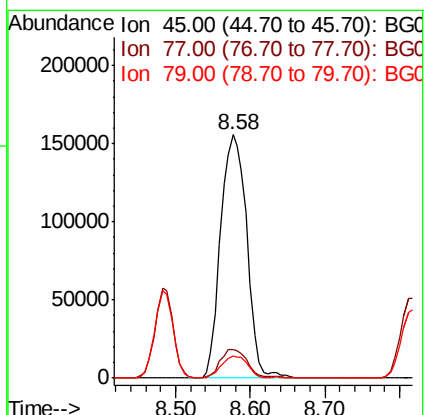
Tgt Ion: 45 Resp: 379691

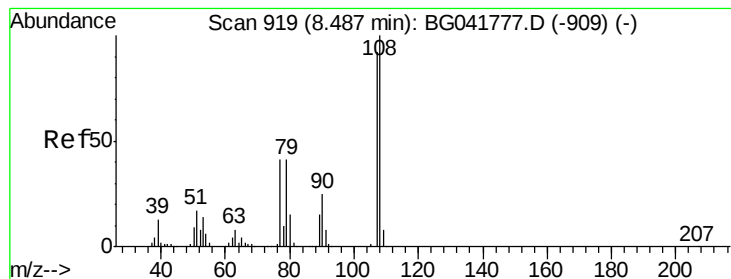
Ion Ratio Lower Upper

45 100

77 11.5 0.0 30.4

79 9.0 0.0 27.9





#17

2-Methylphenol

Concen: 40.628 ng

RT: 8.49 min Scan# 919

Delta R.T. 0.00 min

Lab File: BG041797.D

Acq: 30 Jul 2019 10:49

Instrument :

BNA_G

ClientSampleId :

PB121767BSD

Tgt Ion:107 Resp: 218379

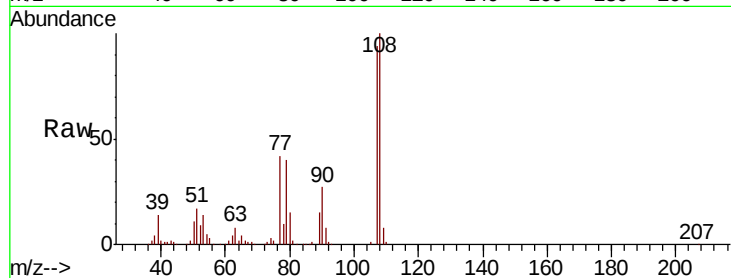
Ion Ratio Lower Upper

107 100

108 106.9 87.6 131.4

77 44.8 36.1 54.1

79 42.3 36.4 54.6



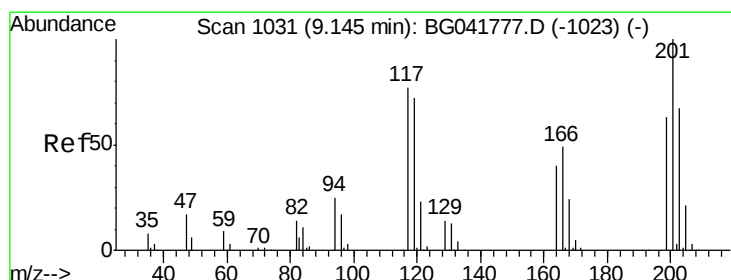
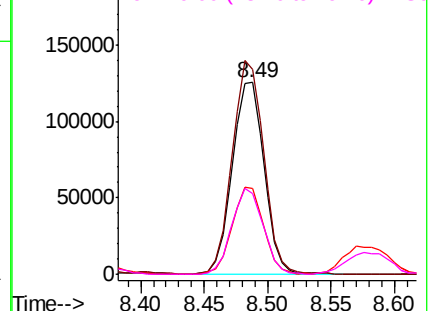
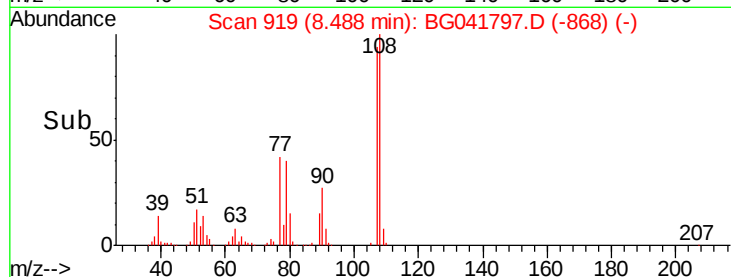
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 35.576 ng

RT: 9.14 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BG041797.D

Acq: 30 Jul 2019 10:49

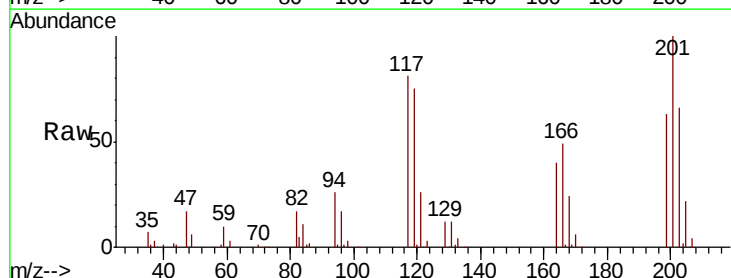
Tgt Ion:117 Resp: 96005

Ion Ratio Lower Upper

117 100

119 93.1 76.2 114.2

201 123.7 94.1 141.1

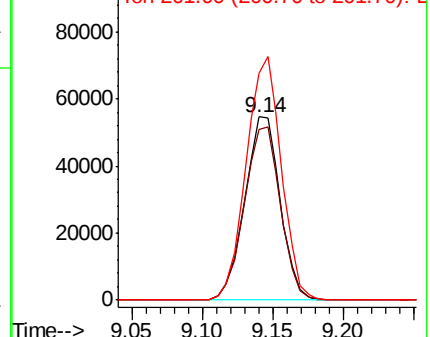
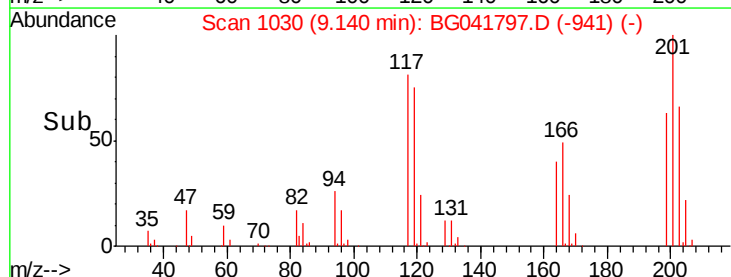


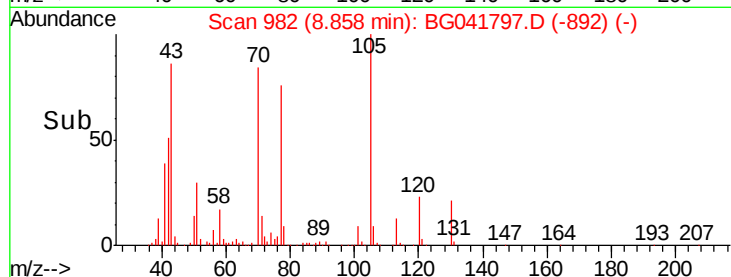
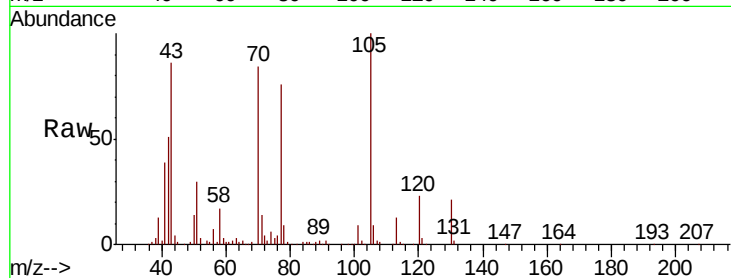
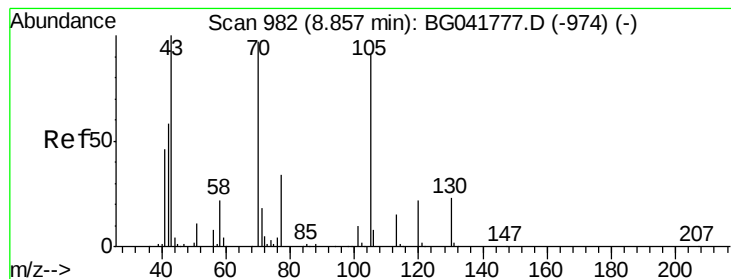
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 36.678 ng

RT: 8.86 min Scan# 982

Delta R.T. 0.00 min

Lab File: BG041797.D

Acq: 30 Jul 2019 10:49

Instrument :

BNA_G

ClientSampleId :

PB121767BSD

Tgt Ion: 70 Resp: 189178

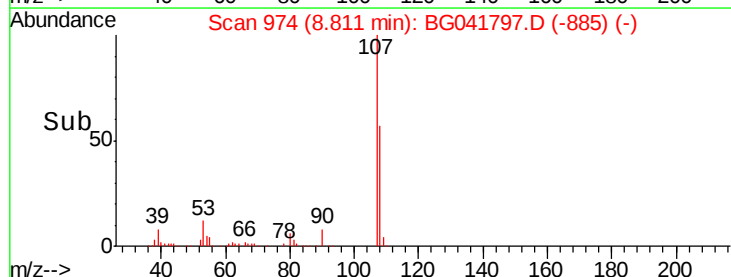
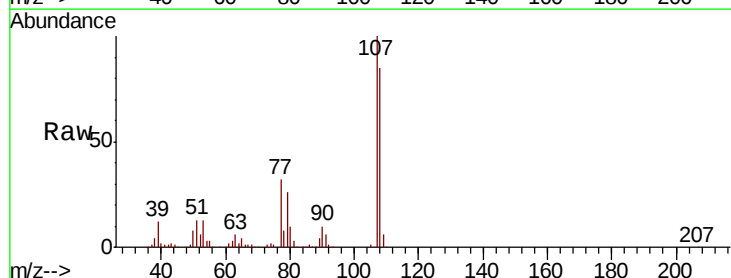
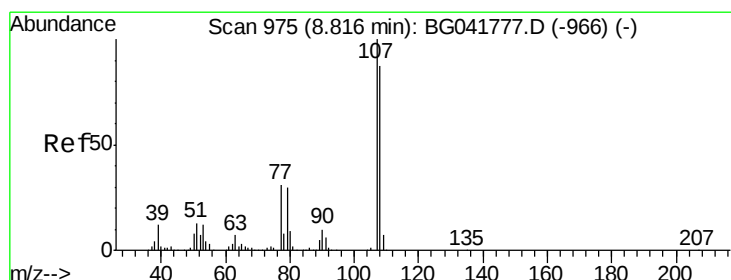
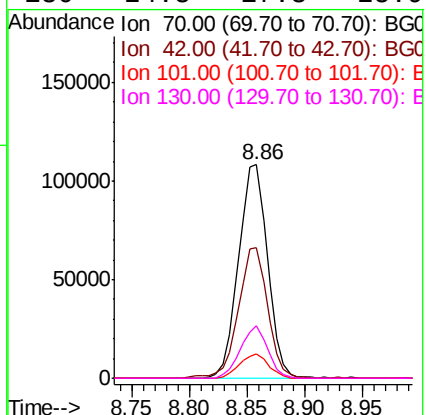
Ion Ratio Lower Upper

70 100

42 61.1 55.8 83.6

101 11.3 8.1 12.1

130 24.8 17.3 25.9



#20

3+4-Methylphenols

Concen: 41.207 ng

RT: 8.81 min Scan# 974

Delta R.T. -0.01 min

Lab File: BG041797.D

Acq: 30 Jul 2019 10:49

Tgt Ion: 107 Resp: 303104

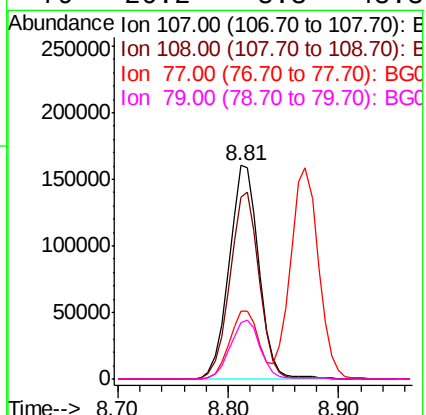
Ion Ratio Lower Upper

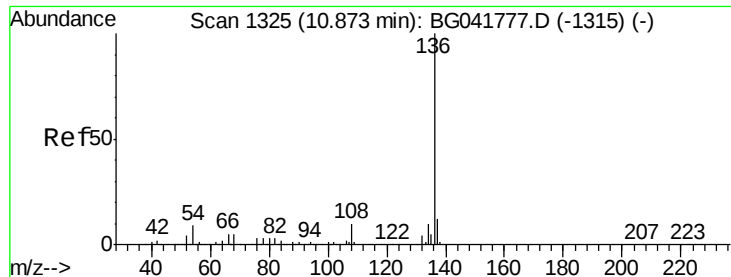
107 100

108 84.9 67.5 107.5

77 32.1 12.3 52.3

79 26.2 8.3 48.3

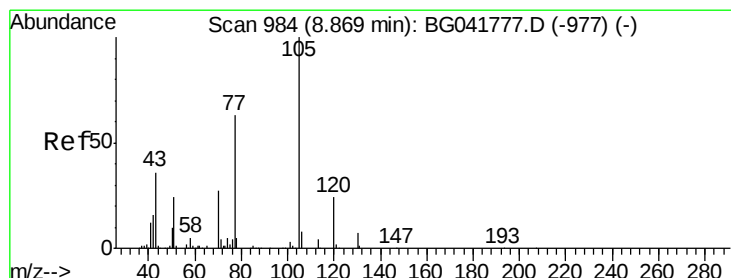
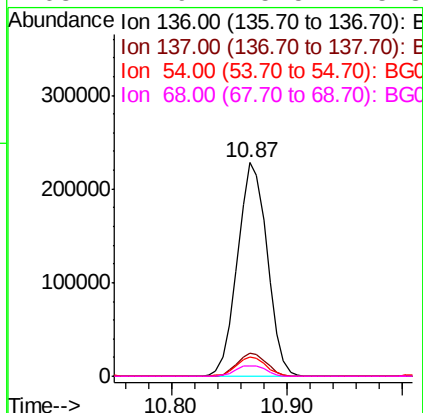
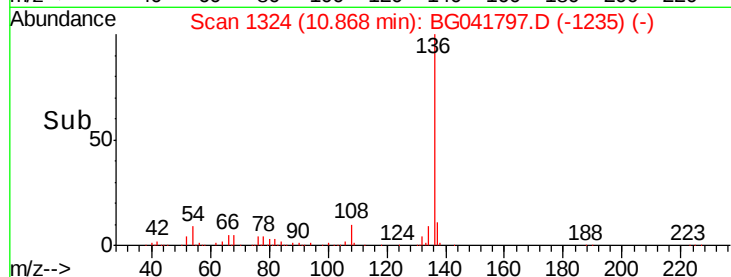
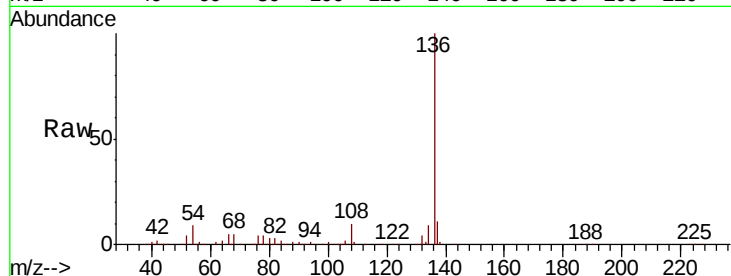




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG041797.D
Acq: 30 Jul 2019 10:49

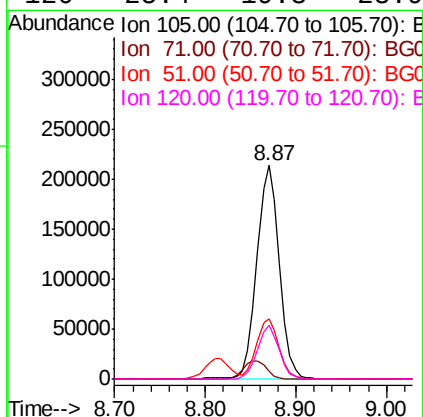
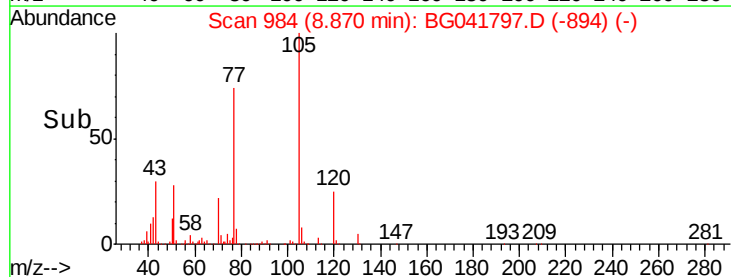
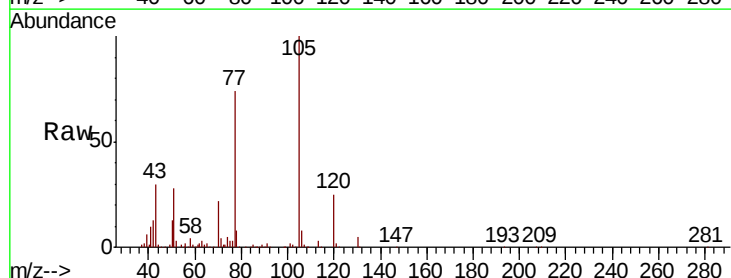
Instrument :
BNA_G
ClientSampleId :
PB121767BSD

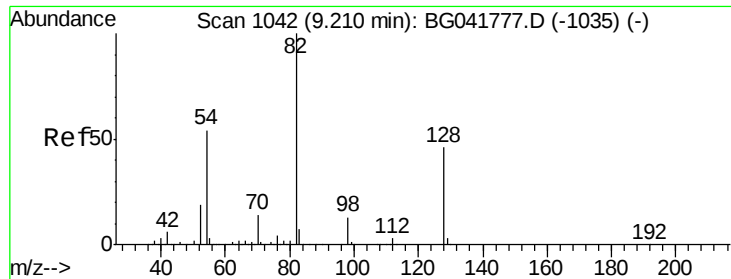
Tgt Ion:136 Resp: 407923
Ion Ratio Lower Upper
136 100
137 10.7 9.2 13.8
54 8.8 8.7 13.1
68 4.9 5.5 8.3#



#22
Acetophenone
Concen: 40.152 ng
RT: 8.87 min Scan# 984
Delta R.T. 0.00 min
Lab File: BG041797.D
Acq: 30 Jul 2019 10:49

Tgt Ion:105 Resp: 366353
Ion Ratio Lower Upper
105 100
71 3.7 5.9 8.9#
51 28.3 27.7 41.5
120 25.4 19.3 28.9

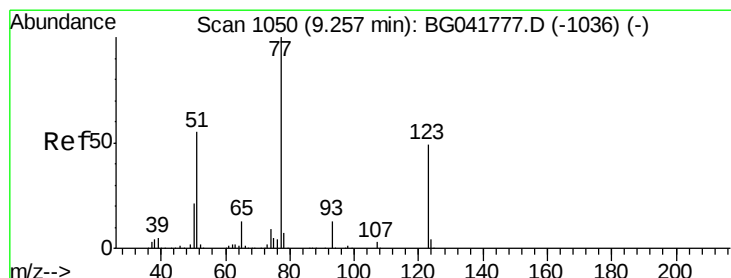
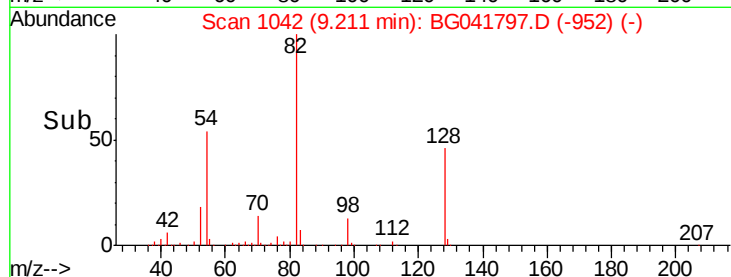
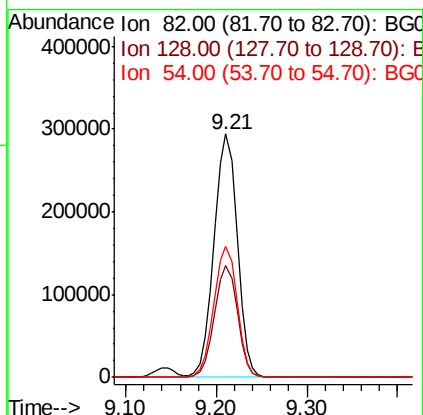
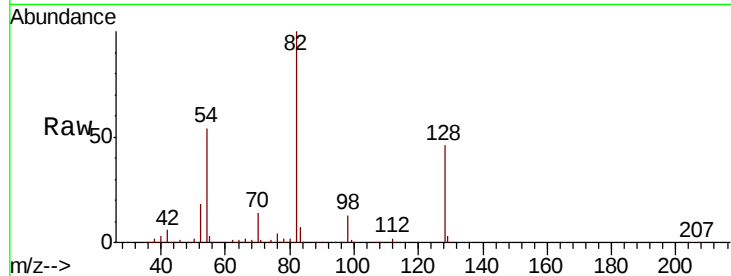




#23
 Nitrobenzene-d5
 Concen: 88.536 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. 0.00 min
 Lab File: BG041797.D
 Acq: 30 Jul 2019 10:49

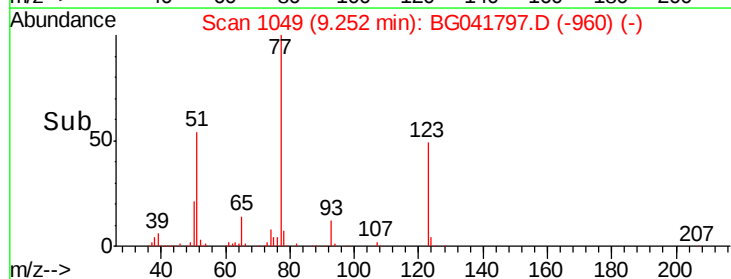
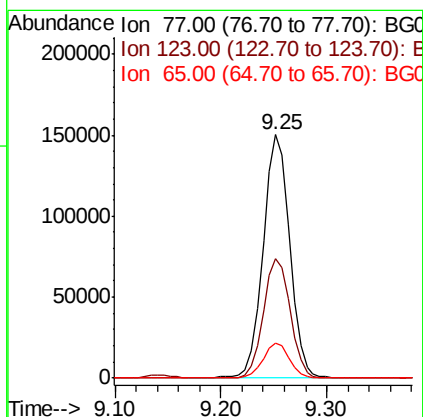
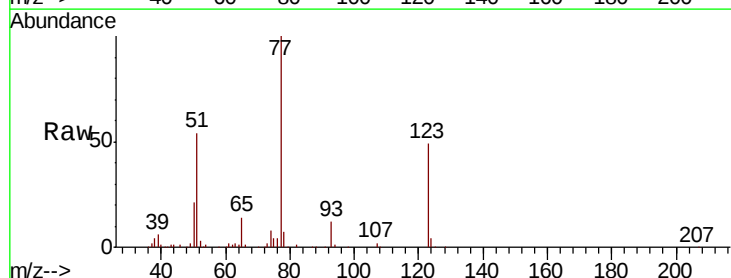
Instrument :
 BNA_G
 ClientSampleId :
 PB121767BSD

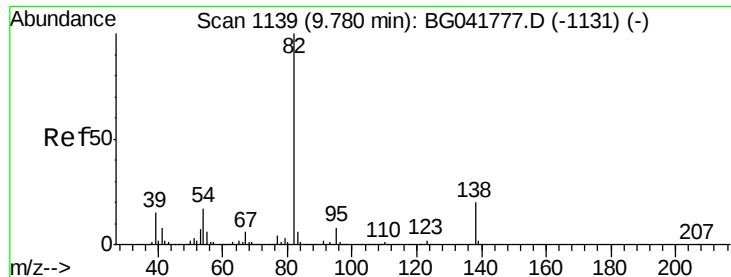
Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.7	35.1	52.7
54	53.7	48.7	73.1



#24
 Nitrobenzene
 Concen: 42.113 ng
 RT: 9.25 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: BG041797.D
 Acq: 30 Jul 2019 10:49

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.9	38.1	57.1
65	14.4	11.0	16.6





#25

Isophorone

Concen: 39.645 ng

RT: 9.78 min Scan# 1139

Delta R.T. 0.00 min

Lab File: BG041797.D

Acq: 30 Jul 2019 10:49

Instrument :

BNA_G

ClientSampleId :

PB121767BSD

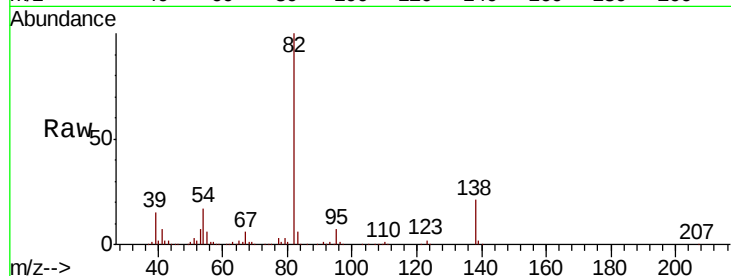
Tgt Ion: 82 Resp: 511211

Ion Ratio Lower Upper

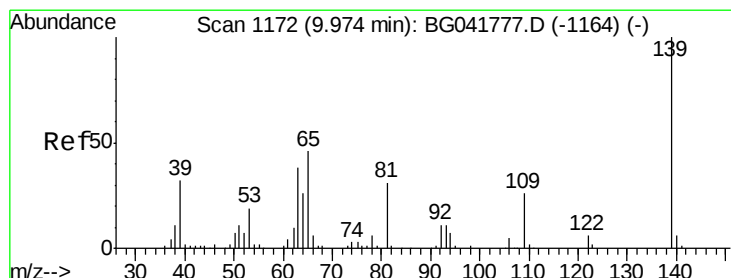
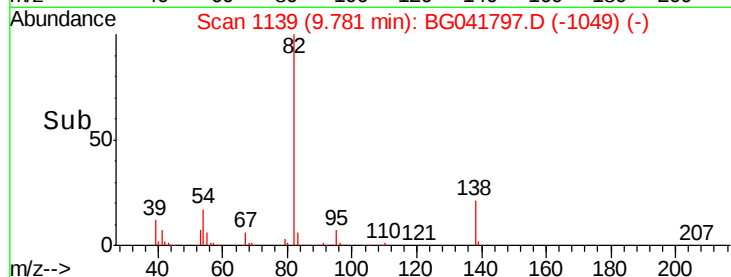
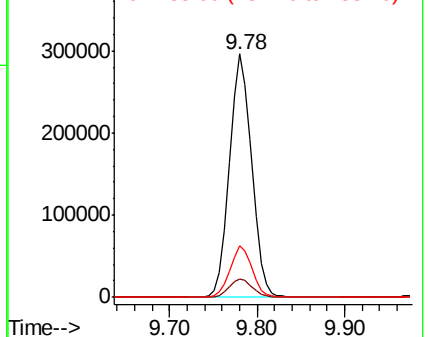
82 100

95 7.4 5.9 8.9

138 21.1 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: 48.067 ng

RT: 9.97 min Scan# 1171

Delta R.T. -0.01 min

Lab File: BG041797.D

Acq: 30 Jul 2019 10:49

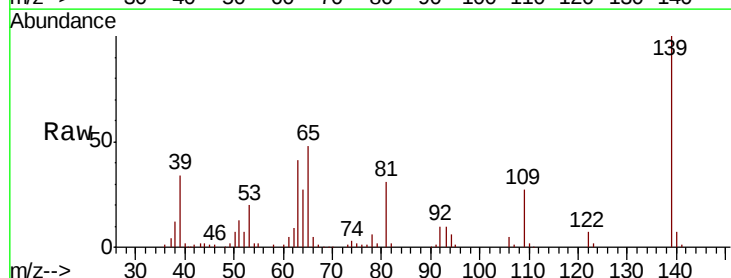
Tgt Ion: 139 Resp: 139313

Ion Ratio Lower Upper

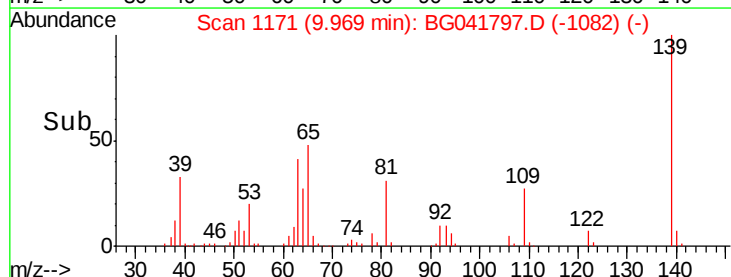
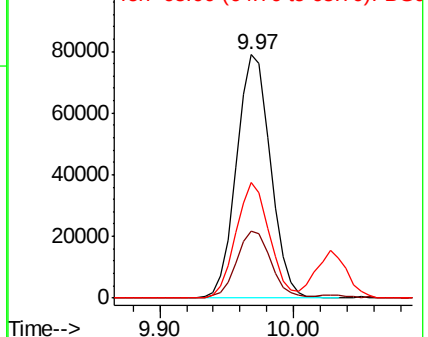
139 100

109 27.4 22.7 34.1

65 47.7 41.1 61.7



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

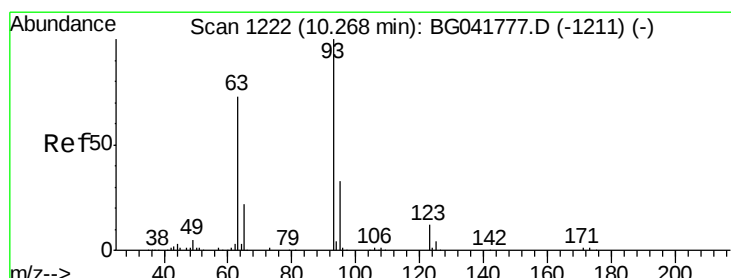
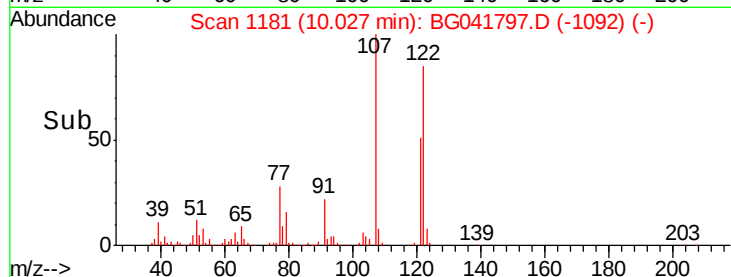
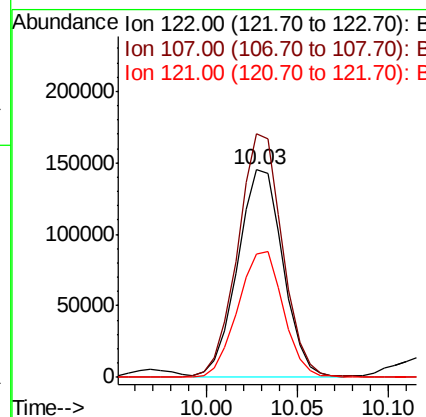
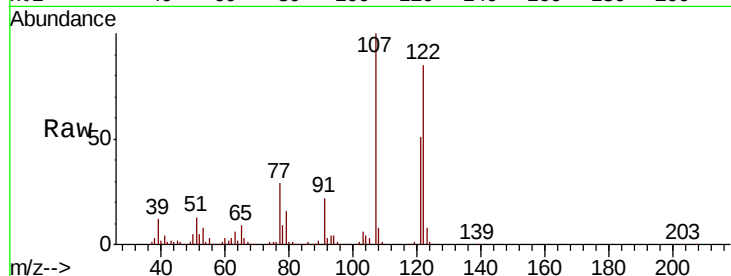




#27
2,4-Dimethylphenol
Concen: 49.265 ng
RT: 10.03 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BG041797.D
Acq: 30 Jul 2019 10:49

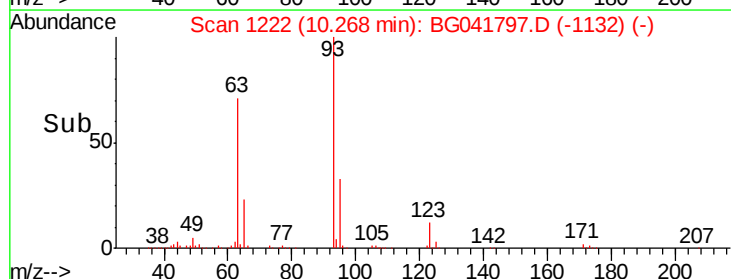
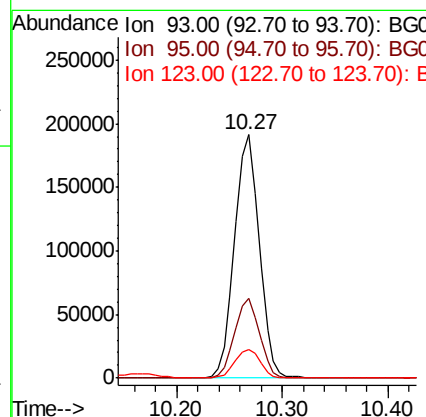
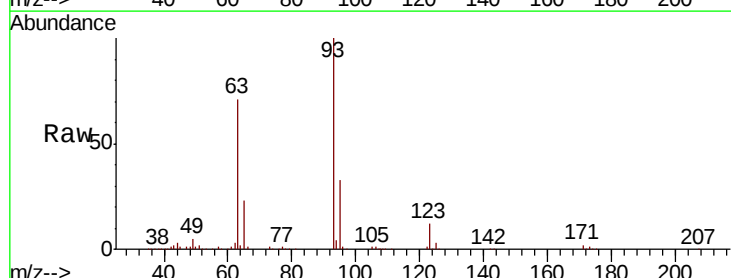
Instrument :
BNA_G
ClientSampleId :
PB121767BSD

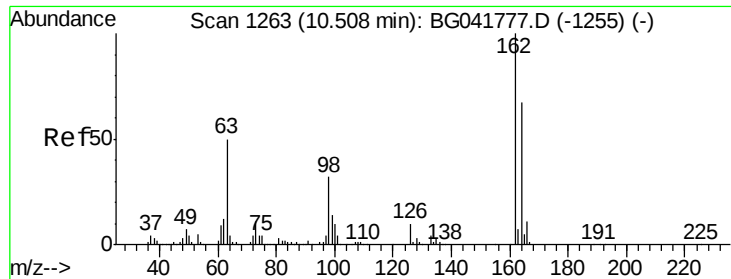
Tgt Ion	Ratio	Lower	Upper
122	100		
107	117.4	91.3	136.9
121	59.6	49.2	73.8



#28
bis(2-Chloroethoxy)methane
Concen: 38.487 ng
RT: 10.27 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BG041797.D
Acq: 30 Jul 2019 10:49

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.2	39.4
123	11.9	9.9	14.9

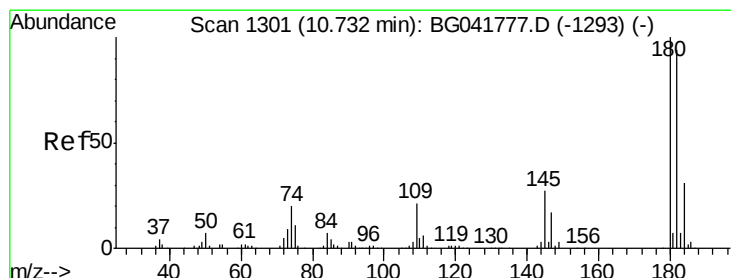
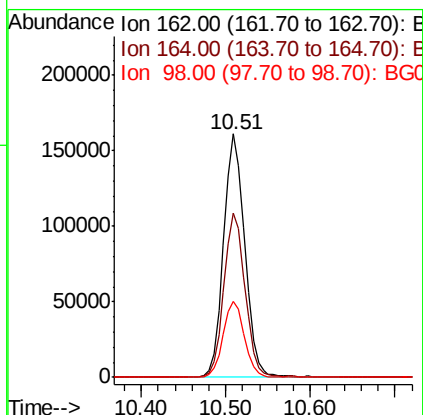
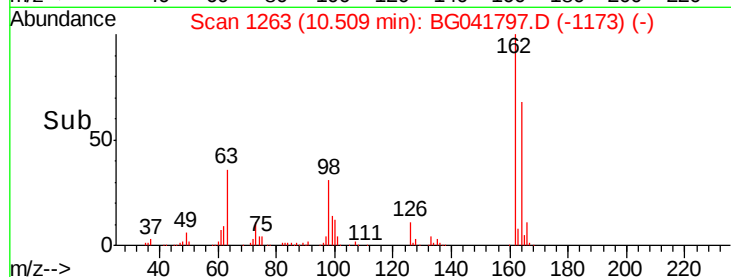
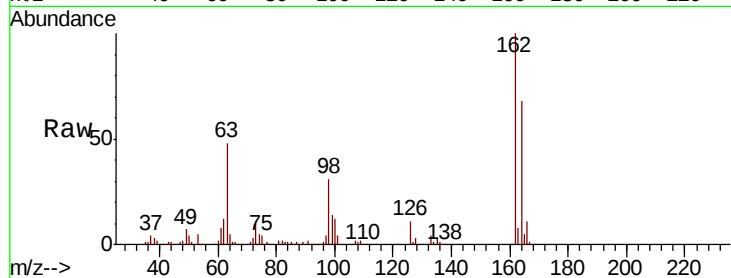




#29
2,4-Dichlorophenol
Concen: 45.013 ng
RT: 10.51 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BG041797.D
Acq: 30 Jul 2019 10:49

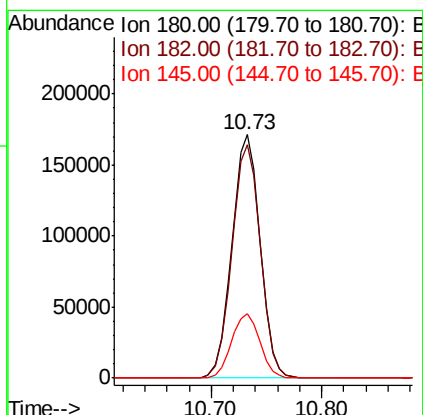
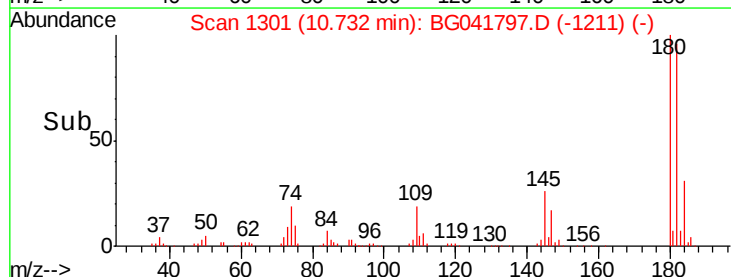
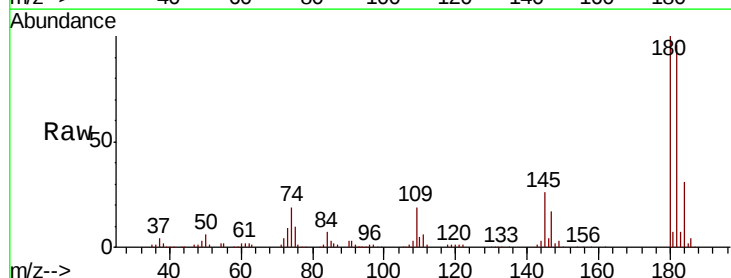
Instrument :
BNA_G
ClientSampleId :
PB121767BSD

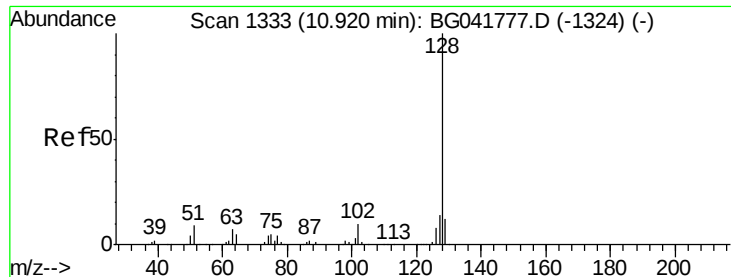
Tgt Ion:162 Resp: 280403
Ion Ratio Lower Upper
162 100
164 67.5 46.1 86.1
98 31.2 14.7 54.7



#30
1,2,4-Trichlorobenzene
Concen: 38.866 ng
RT: 10.73 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BG041797.D
Acq: 30 Jul 2019 10:49

Tgt Ion:180 Resp: 307019
Ion Ratio Lower Upper
180 100
182 95.9 76.2 114.2
145 26.3 23.8 35.8

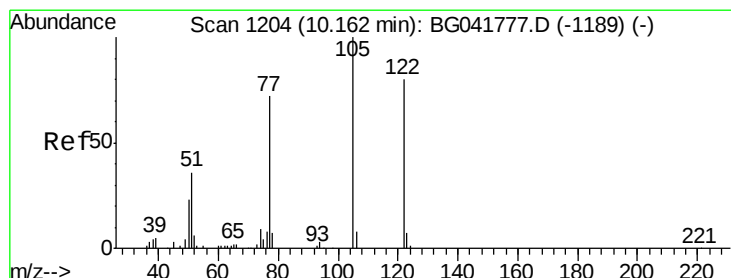
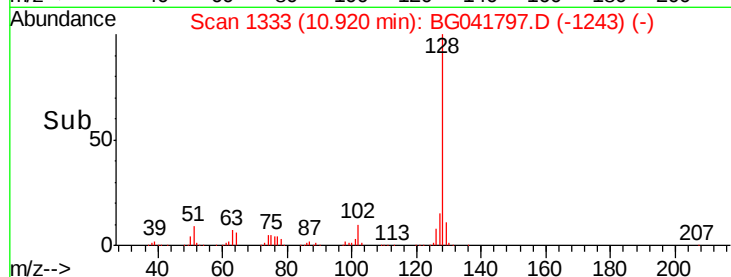
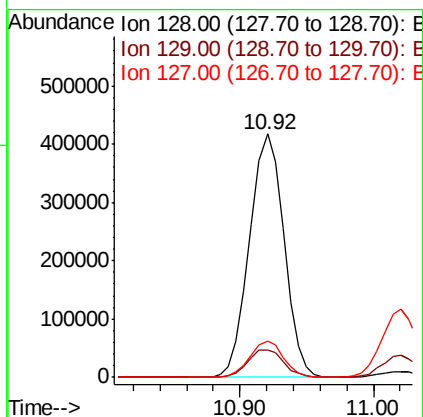
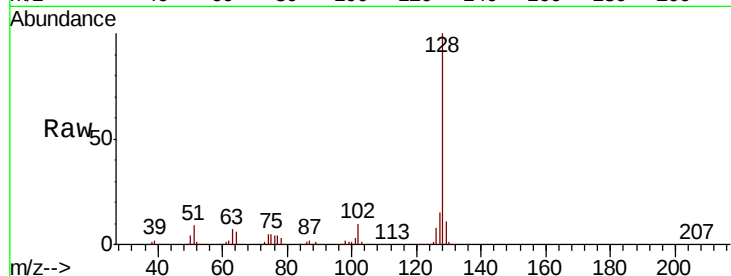




#31
Naphthalene
Concen: 40.057 ng
RT: 10.92 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BG041797.D
Acq: 30 Jul 2019 10:49

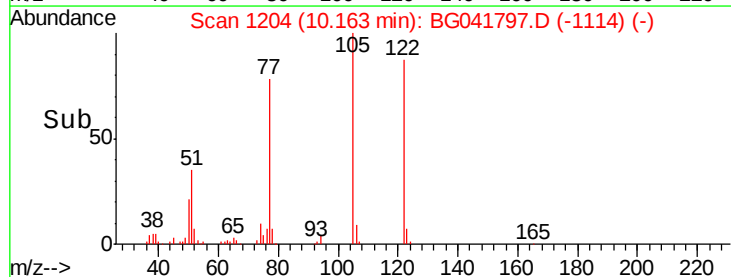
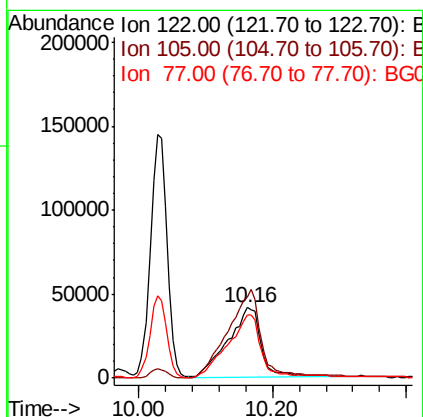
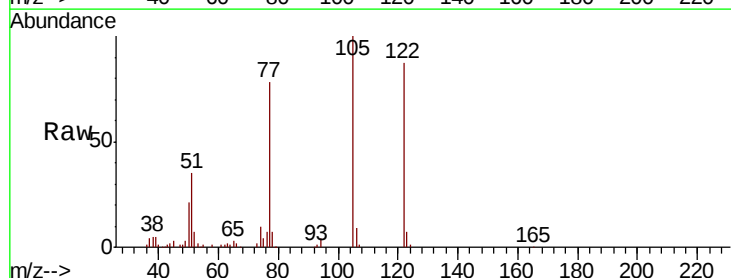
Instrument :
BNA_G
ClientSampleId :
PB121767BSD

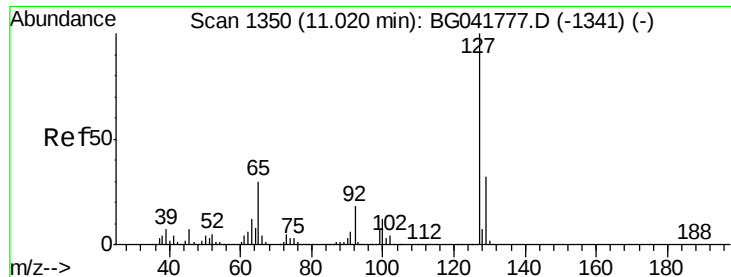
Tgt Ion:128 Resp: 747840
Ion Ratio Lower Upper
128 100
129 11.4 10.0 15.0
127 15.1 12.3 18.5



#32
Benzoic acid
Concen: 41.622 ng
RT: 10.16 min Scan# 1204
Delta R.T. 0.00 min
Lab File: BG041797.D
Acq: 30 Jul 2019 10:49

Tgt Ion:122 Resp: 146921
Ion Ratio Lower Upper
122 100
105 115.3 101.5 141.5
77 89.6 73.0 113.0

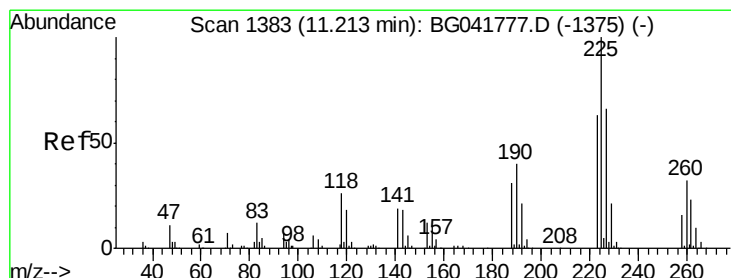
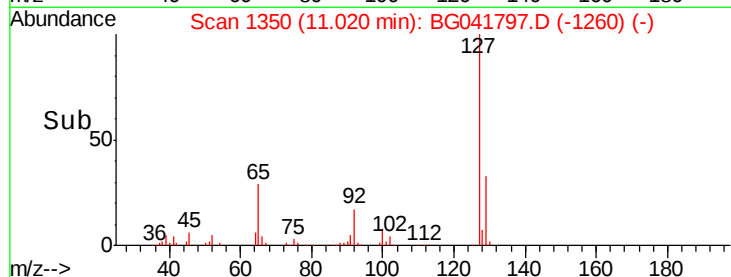
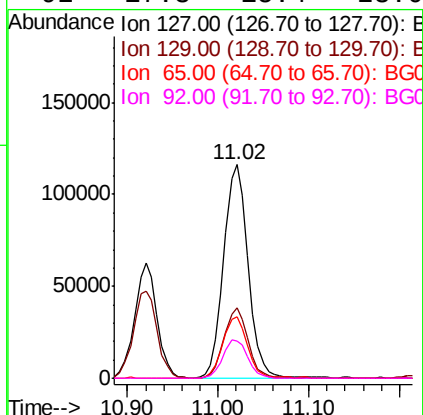
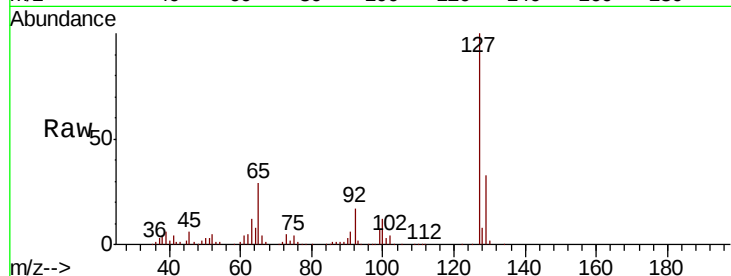




#33
4-Chloroaniline
Concen: 24.542 ng
RT: 11.02 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BG041797.D
Acq: 30 Jul 2019 10:49

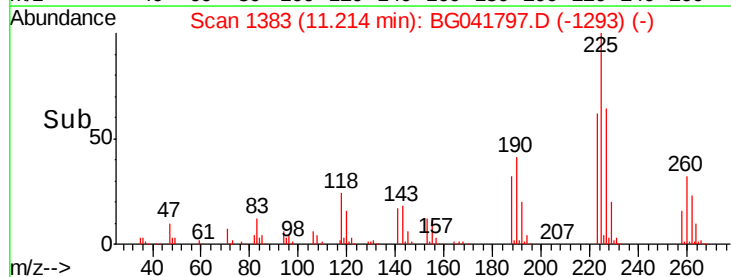
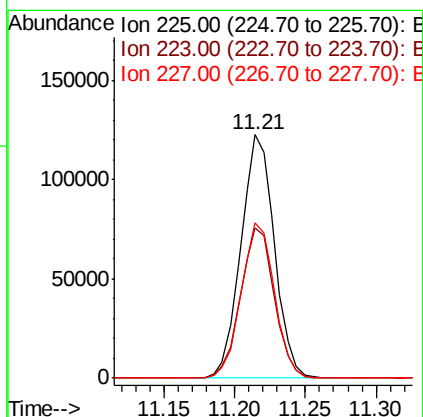
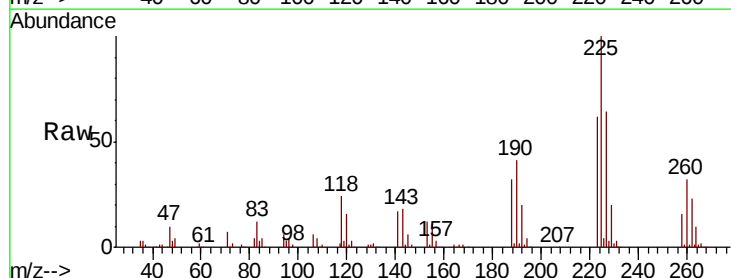
Instrument :
BNA_G
ClientSampleId :
PB121767BSD

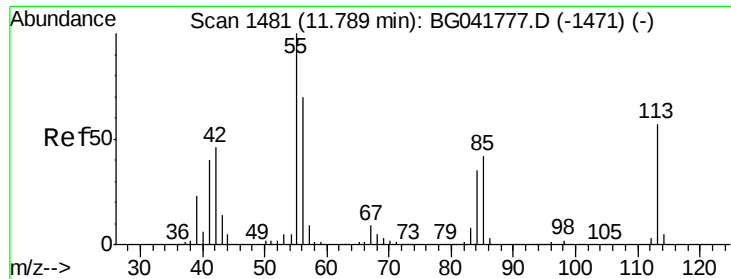
Tgt Ion:	127	Resp:	217283
Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.8	38.8
65	29.1	26.7	40.1
92	17.3	15.4	23.0



#34
Hexachlorobutadiene
Concen: 38.052 ng
RT: 11.21 min Scan# 1383
Delta R.T. 0.00 min
Lab File: BG041797.D
Acq: 30 Jul 2019 10:49

Tgt Ion:	225	Resp:	202869
Ion	Ratio	Lower	Upper
225	100		
223	61.9	51.1	76.7
227	63.7	50.9	76.3

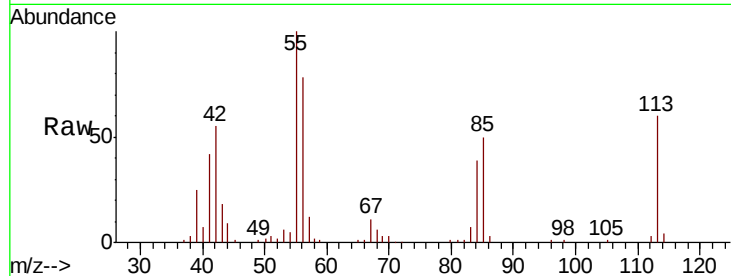




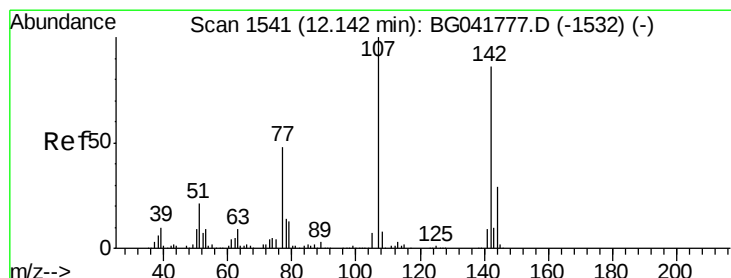
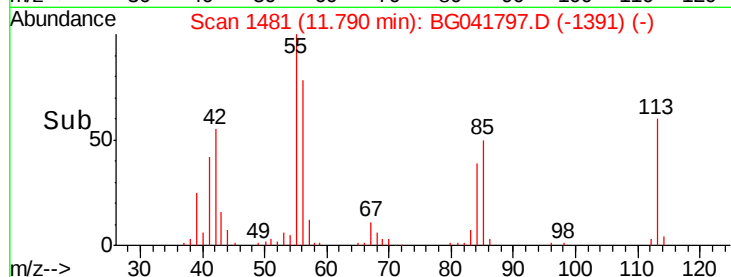
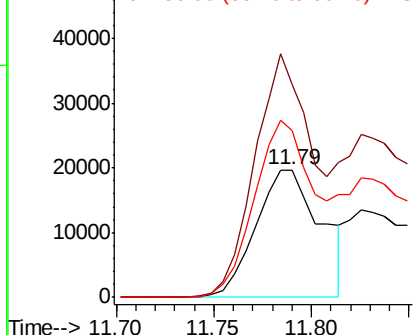
#35
 Caprolactam
 Concen: 20.955 ng
 RT: 11.79 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: BG041797.D
 Acq: 30 Jul 2019 10:49

Instrument :
 BNA_G
 ClientSampleId :
 PB121767BSD

Tgt Ion:113 Resp: 45364
 Ion Ratio Lower Upper
 113 100
 55 166.8 199.4 239.4#
 56 130.7 133.6 173.6#

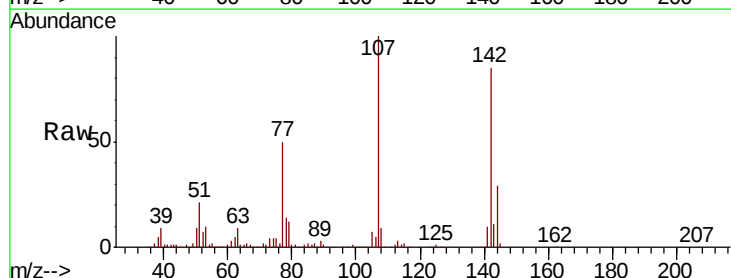


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BGO
 Ion 56.00 (55.70 to 56.70): BGO

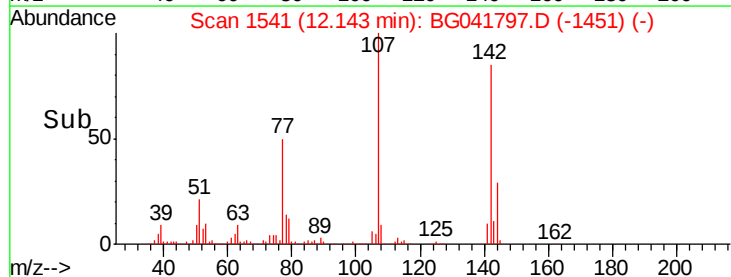
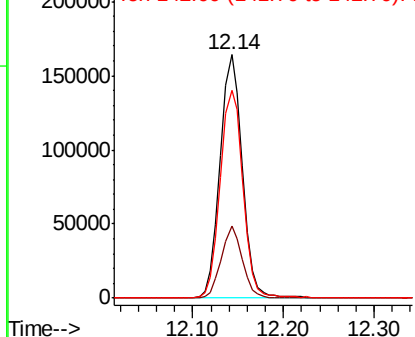


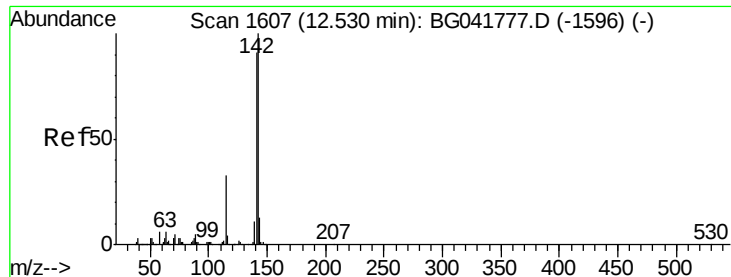
#36
 4-Chloro-3-methylphenol
 Concen: 45.082 ng
 RT: 12.14 min Scan# 1541
 Delta R.T. 0.00 min
 Lab File: BG041797.D
 Acq: 30 Jul 2019 10:49

Tgt Ion:107 Resp: 278418
 Ion Ratio Lower Upper
 107 100
 144 29.4 22.2 33.2
 142 85.4 67.3 100.9



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

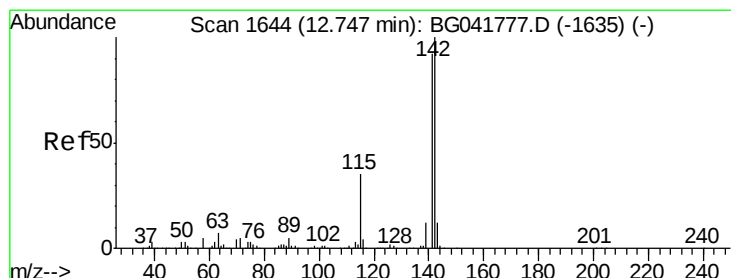
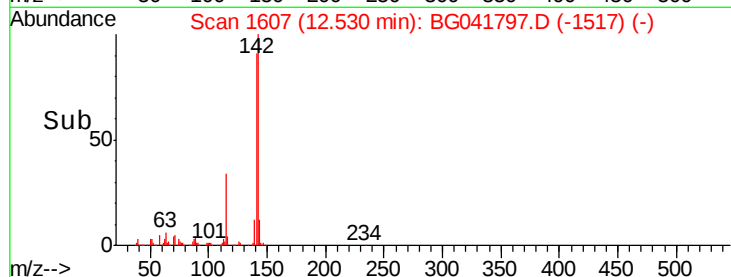
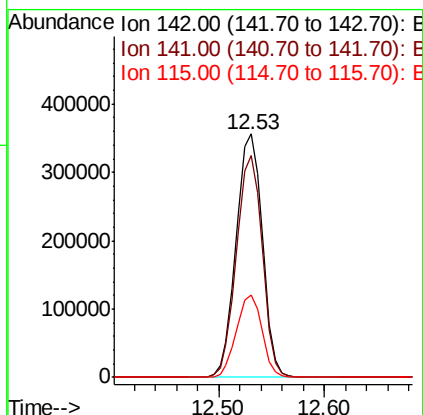
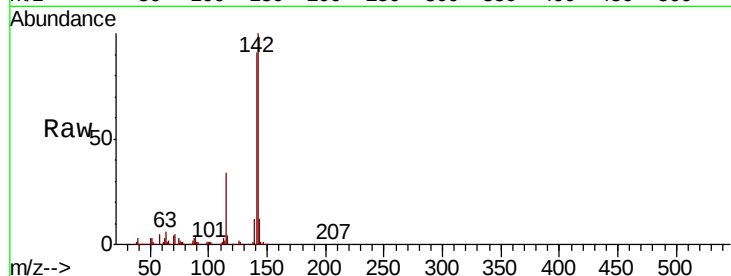




#37
2-Methylnaphthalene
Concen: 41.290 ng
RT: 12.53 min Scan# 1607
Delta R.T. 0.00 min
Lab File: BG041797.D
Acq: 30 Jul 2019 10:49

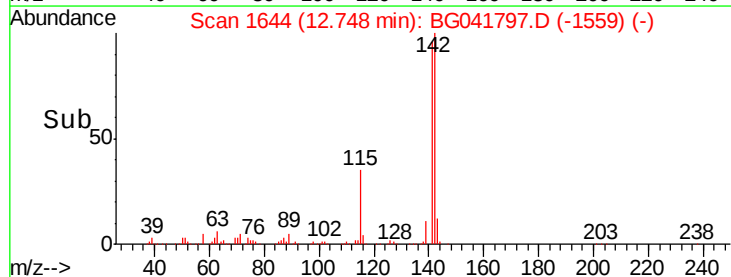
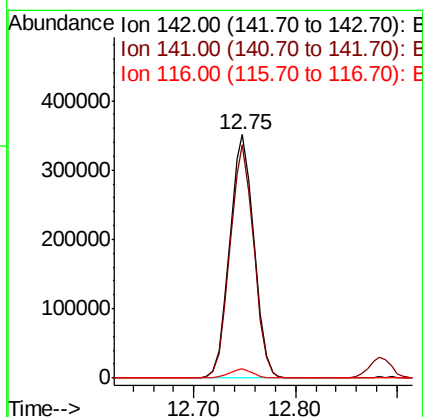
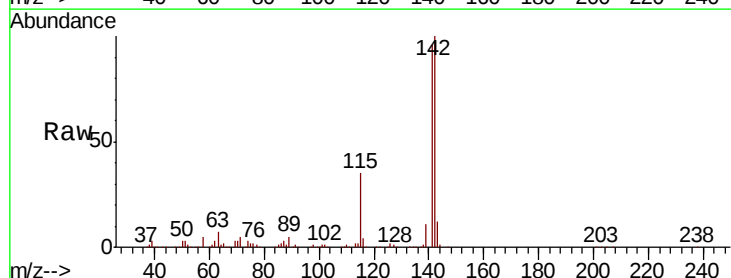
Instrument :
BNA_G
ClientSampleId :
PB121767BSD

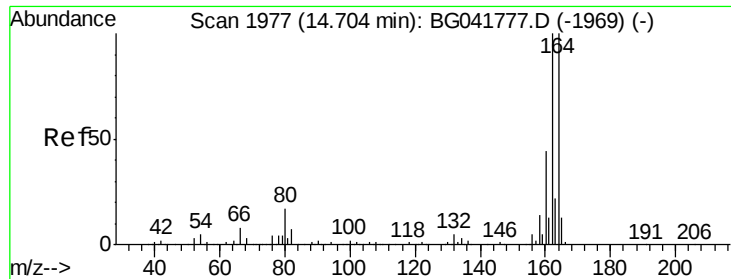
Tgt Ion:142 Resp: 610164
Ion Ratio Lower Upper
142 100
141 90.9 72.7 109.1
115 33.9 27.0 40.4



#38
1-Methylnaphthalene
Concen: 41.507 ng
RT: 12.75 min Scan# 1644
Delta R.T. 0.00 min
Lab File: BG041797.D
Acq: 30 Jul 2019 10:49

Tgt Ion:142 Resp: 581275
Ion Ratio Lower Upper
142 100
141 95.7 75.4 113.2
116 3.9 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1977

Delta R.T. 0.00 min

Lab File: BG041797.D

Acq: 30 Jul 2019 10:49

Instrument :

BNA_G

ClientSampleId :

PB121767BSD

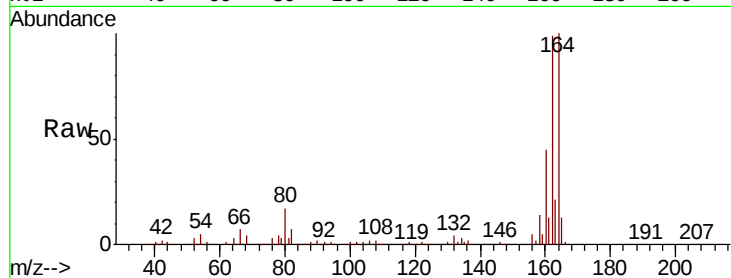
Tgt Ion:164 Resp: 296337

Ion Ratio Lower Upper

164 100

162 99.0 79.6 119.4

160 44.9 35.4 53.0

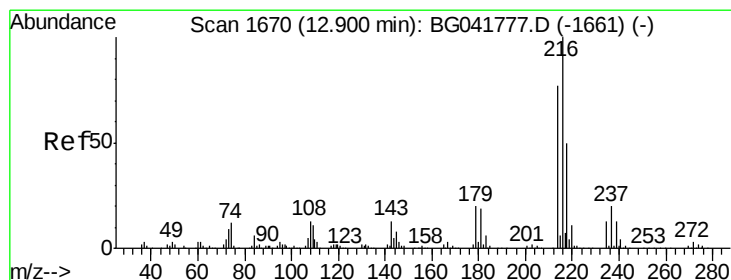
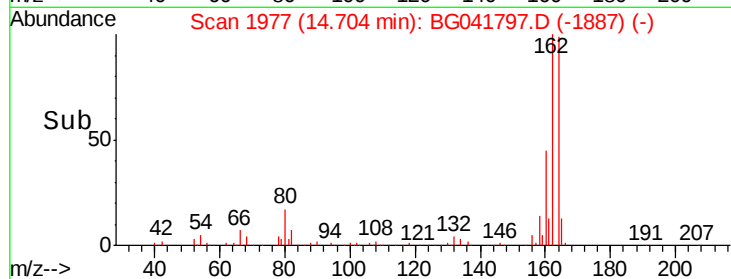
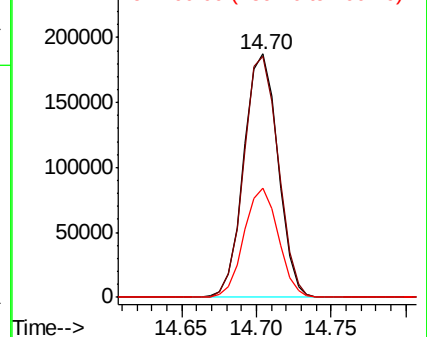


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.325 ng

RT: 12.90 min Scan# 1670

Delta R.T. 0.00 min

Lab File: BG041797.D

Acq: 30 Jul 2019 10:49

Tgt Ion:216 Resp: 378259

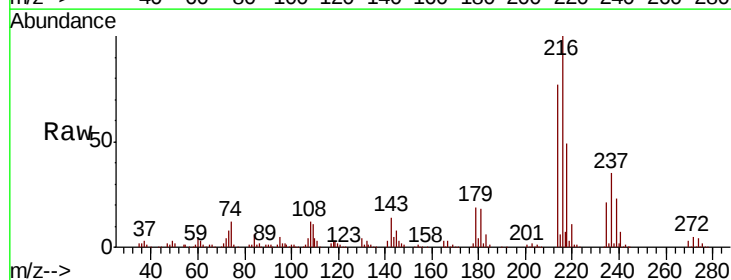
Ion Ratio Lower Upper

216 100

214 76.7 61.5 92.3

179 19.0 16.2 24.2

108 15.3 13.2 19.8



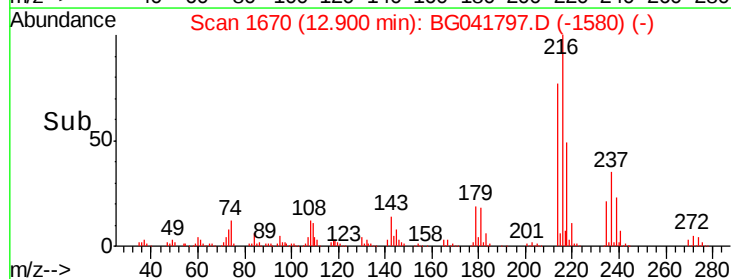
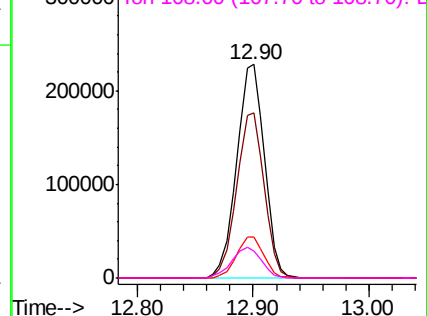
Abundance

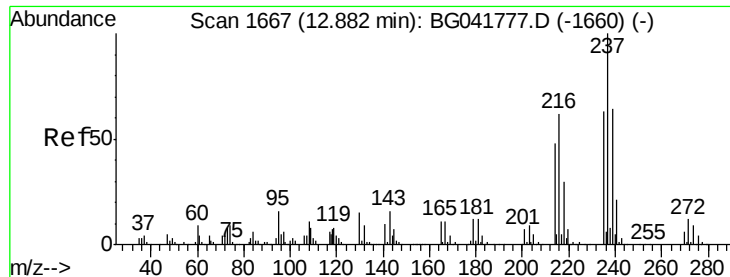
Ion 216.00 (215.70 to 216.70): E

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: 87.715 ng

RT: 12.88 min Scan# 1667

Delta R.T. 0.00 min

Lab File: BG041797.D

Acq: 30 Jul 2019 10:49

Instrument :

BNA_G

ClientSampleId :

PB121767BSD

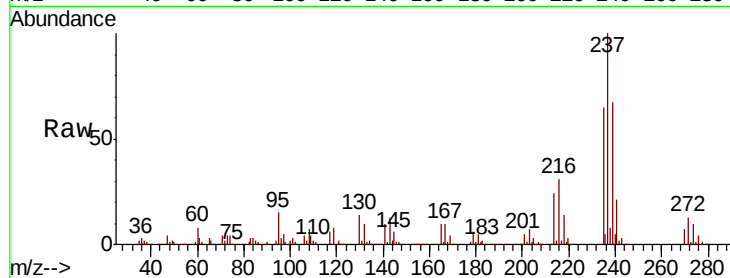
Tgt Ion: 237 Resp: 462600

Ion Ratio Lower Upper

237 100

235 64.6 43.5 83.5

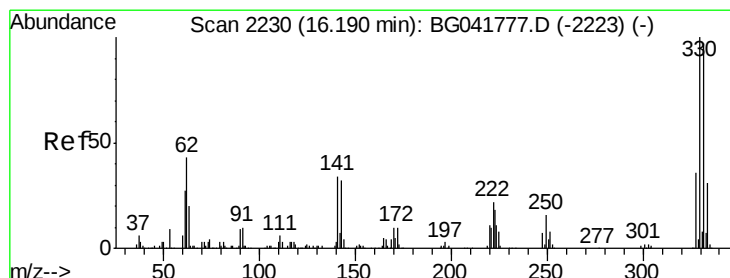
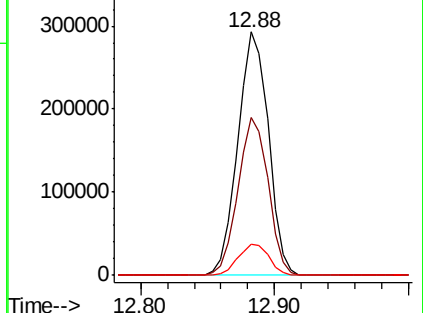
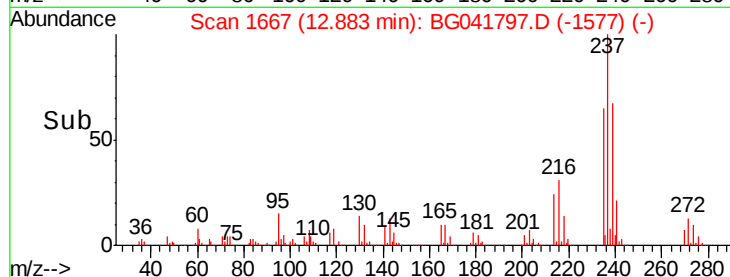
272 12.6 0.0 31.2



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 136.663 ng

RT: 16.20 min Scan# 2231

Delta R.T. 0.01 min

Lab File: BG041797.D

Acq: 30 Jul 2019 10:49

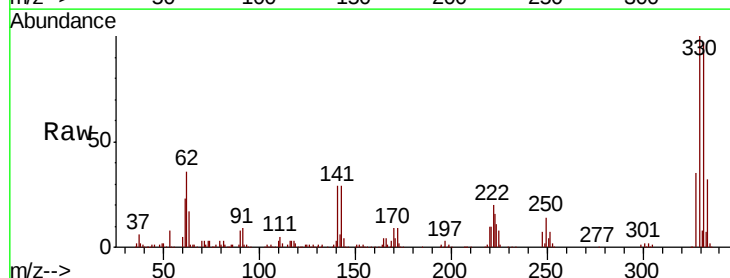
Tgt Ion: 330 Resp: 460004

Ion Ratio Lower Upper

330 100

332 96.5 77.4 116.0

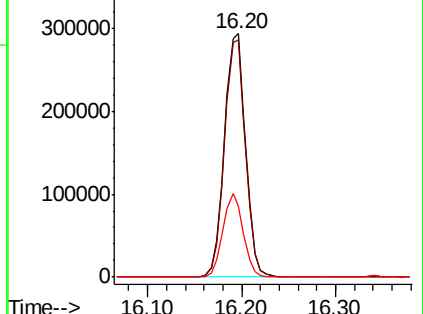
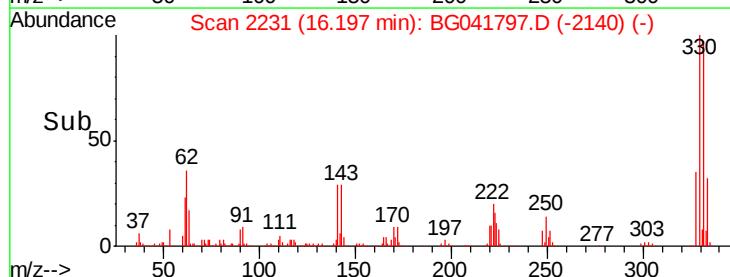
141 33.0 31.9 47.9



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

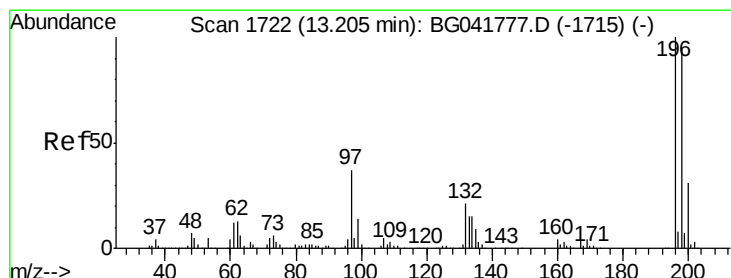
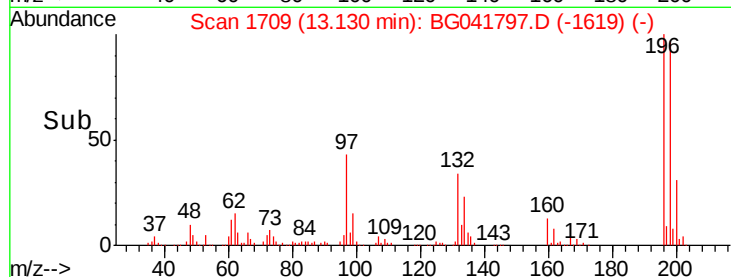
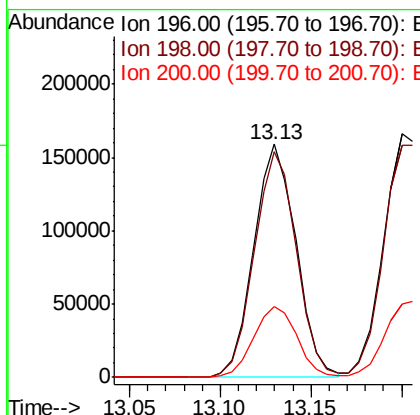
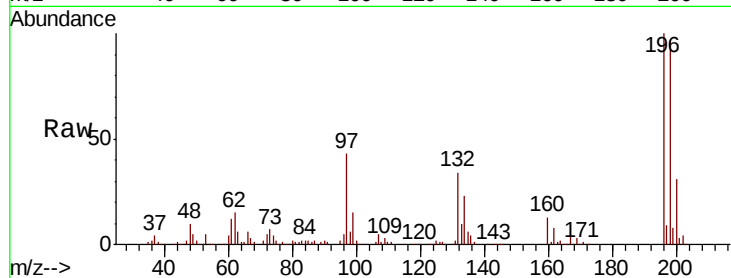




#43
 2,4,6-Trichlorophenol
 Concen: 43.300 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. 0.00 min
 Lab File: BG041797.D
 Acq: 30 Jul 2019 10:49

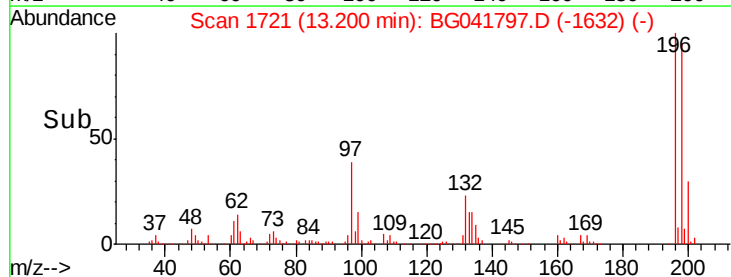
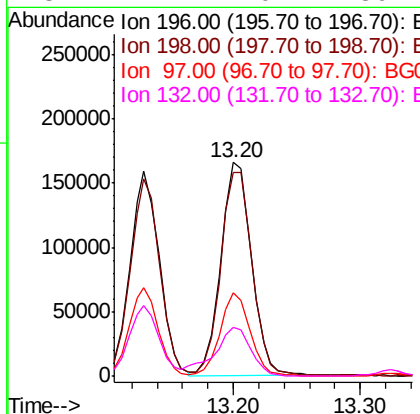
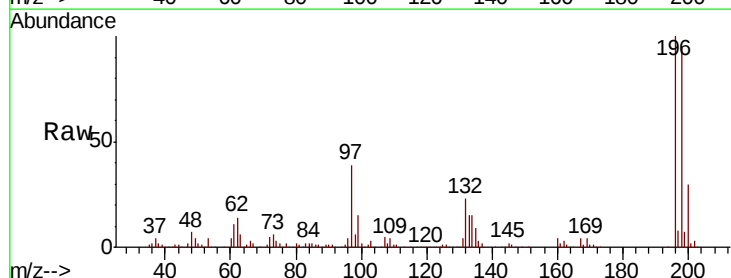
Instrument :
 BNA_G
 ClientSampleId :
 PB121767BSD

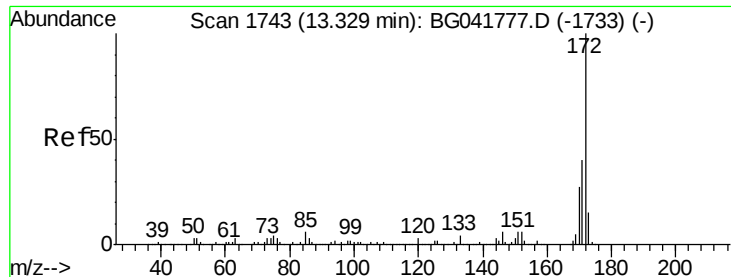
Tgt Ion:196 Resp: 256712
 Ion Ratio Lower Upper
 196 100
 198 96.6 79.6 119.4
 200 30.6 25.2 37.8



#44
 2,4,5-Trichlorophenol
 Concen: 45.155 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.01 min
 Lab File: BG041797.D
 Acq: 30 Jul 2019 10:49

Tgt Ion:196 Resp: 278202
 Ion Ratio Lower Upper
 196 100
 198 95.5 80.6 121.0
 97 39.0 33.9 50.9
 132 22.7 20.2 30.2

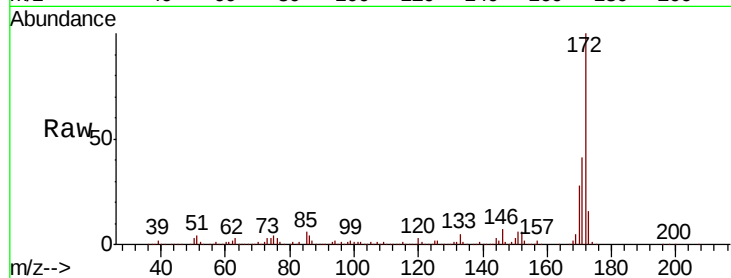




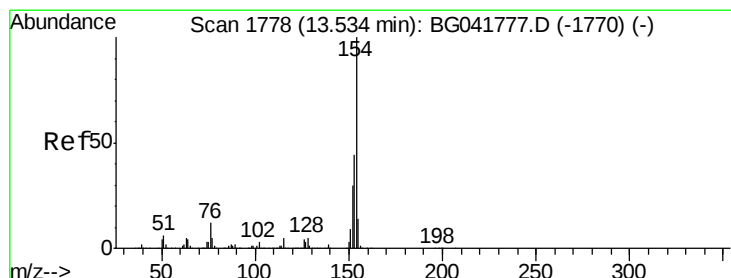
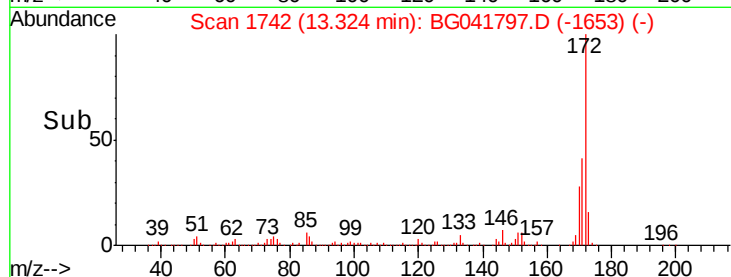
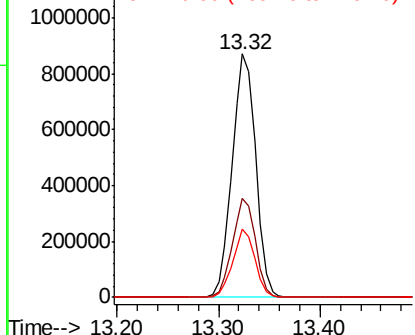
#45
 2-Fluorobiphenyl
 Concen: 83.332 ng
 RT: 13.32 min Scan# 1742
 Delta R.T. -0.01 min
 Lab File: BG041797.D
 Acq: 30 Jul 2019 10:49

Instrument :
 BNA_G
 ClientSampleId :
 PB121767BSD

Tgt Ion:172 Resp: 1400125
 Ion Ratio Lower Upper
 172 100
 171 40.9 35.0 52.4
 170 27.8 23.5 35.3

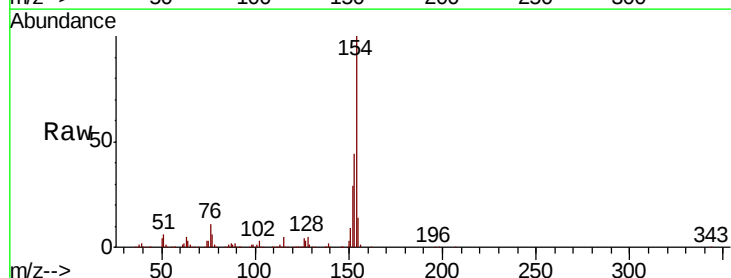


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

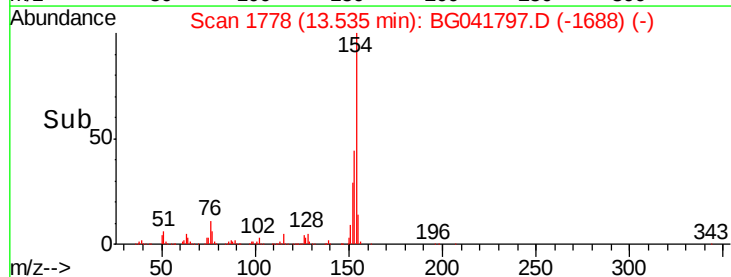
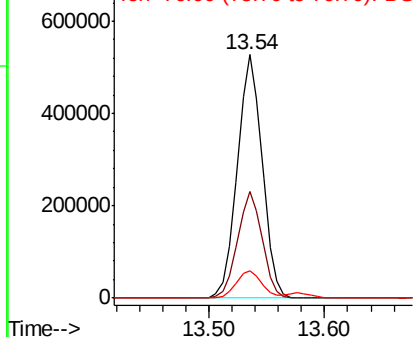


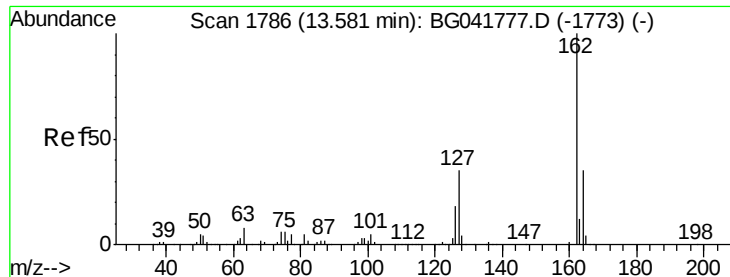
#46
 1,1'-Biphenyl
 Concen: 41.118 ng
 RT: 13.54 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: BG041797.D
 Acq: 30 Jul 2019 10:49

Tgt Ion:154 Resp: 783277
 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): BGC





#47

2-Chloronaphthalene

Concen: 38.964 ng

RT: 13.58 min Scan# 1785

Delta R.T. -0.01 min

Lab File: BG041797.D

Acq: 30 Jul 2019 10:49

Instrument :

BNA_G

ClientSampleId :

PB121767BSD

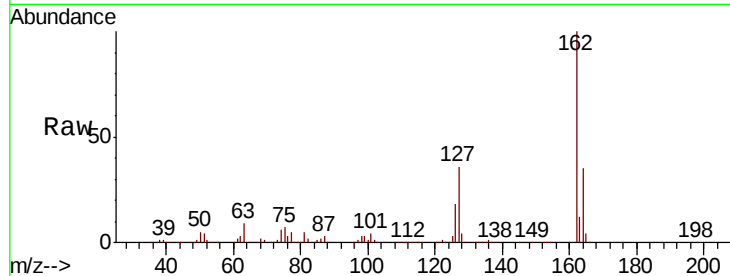
Tgt Ion: 162 Resp: 631933

Ion Ratio Lower Upper

162 100

127 35.9 30.4 45.6

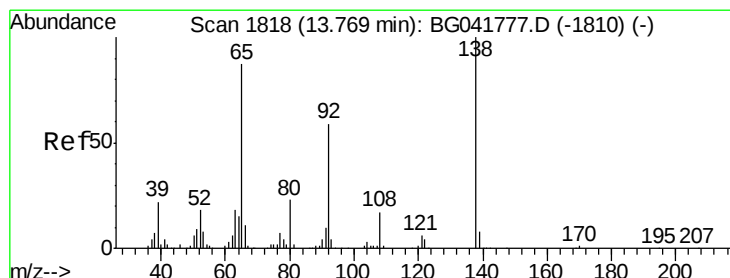
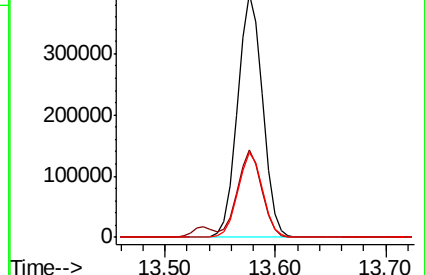
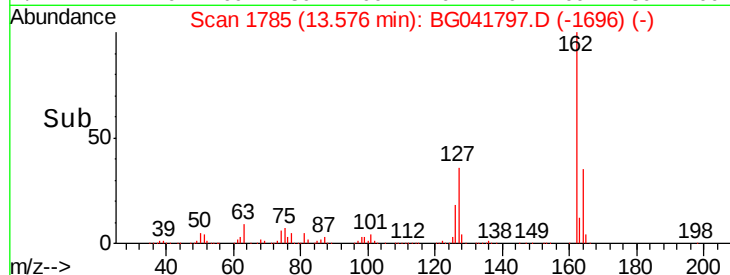
164 34.6 28.6 42.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 43.787 ng

RT: 13.77 min Scan# 1818

Delta R.T. 0.00 min

Lab File: BG041797.D

Acq: 30 Jul 2019 10:49

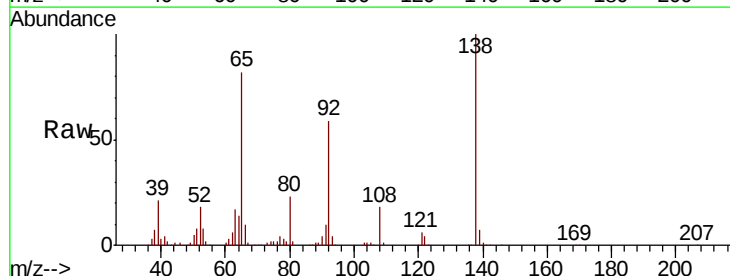
Tgt Ion: 65 Resp: 180114

Ion Ratio Lower Upper

65 100

92 72.1 53.9 80.9

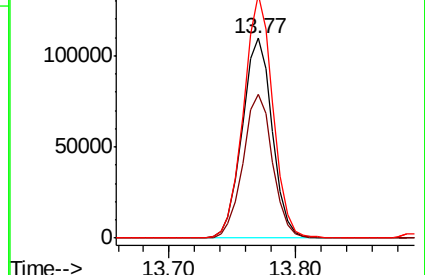
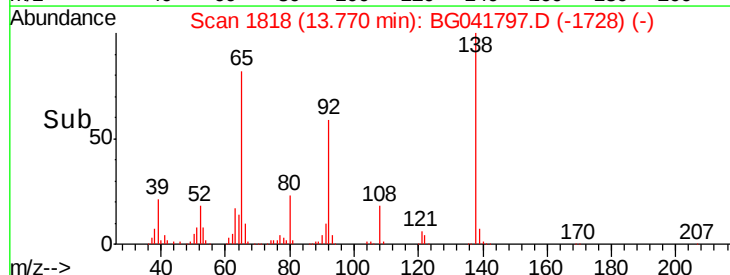
138 122.0 83.5 125.3

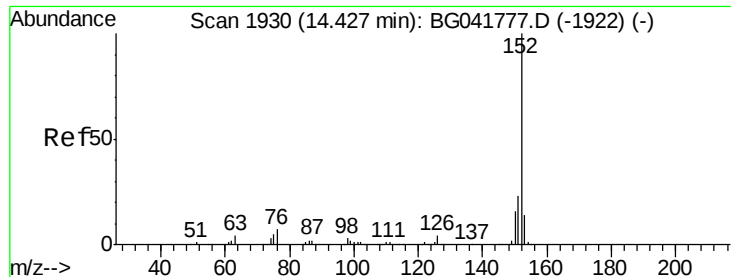


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 41.320 ng

RT: 14.42 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BG041797.D

Acq: 30 Jul 2019 10:49

Instrument :

BNA_G

ClientSampleId :

PB121767BSD

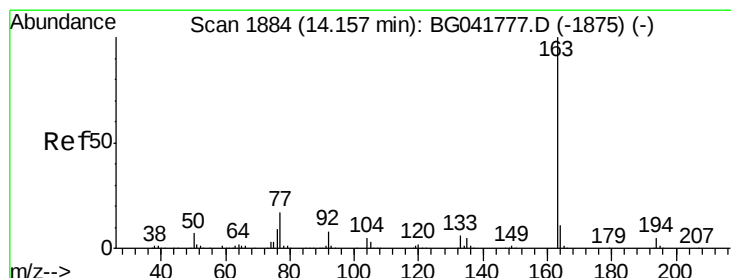
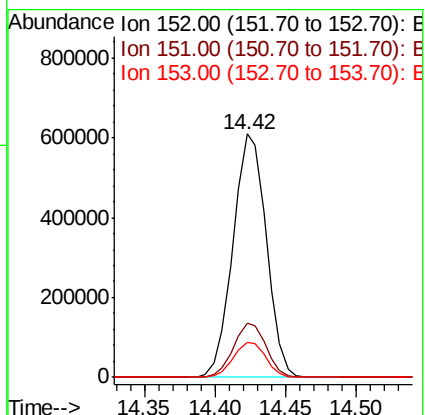
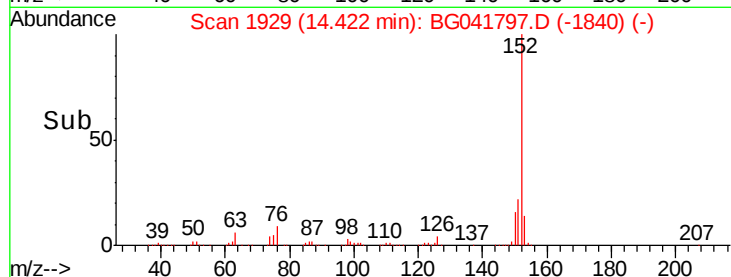
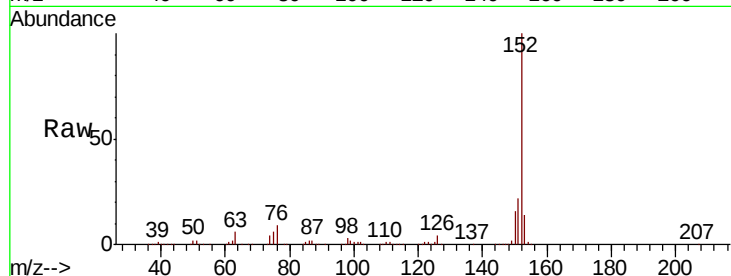
Tgt Ion:152 Resp: 1002441

Ion Ratio Lower Upper

152 100

151 22.5 18.7 28.1

153 14.5 12.4 18.6



#50

Dimethylphthalate

Concen: 41.938 ng

RT: 14.15 min Scan# 1883

Delta R.T. -0.01 min

Lab File: BG041797.D

Acq: 30 Jul 2019 10:49

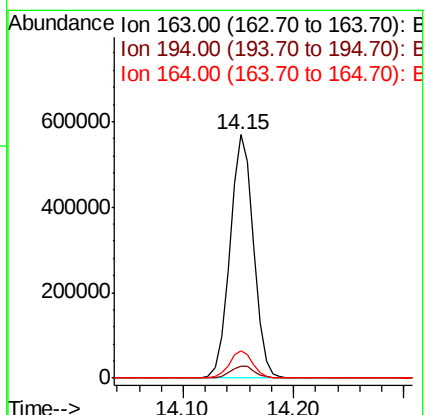
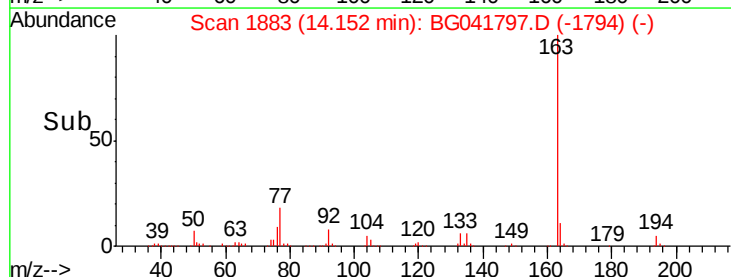
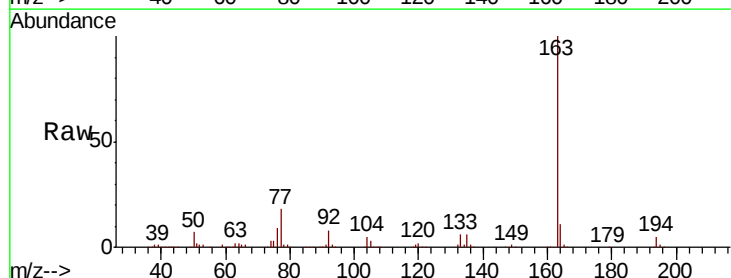
Tgt Ion:163 Resp: 848759

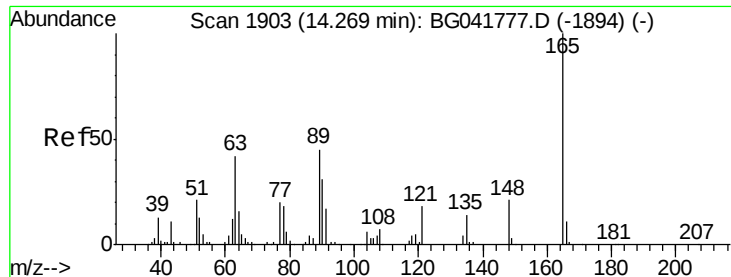
Ion Ratio Lower Upper

163 100

194 5.0 4.2 6.2

164 11.4 9.4 14.2

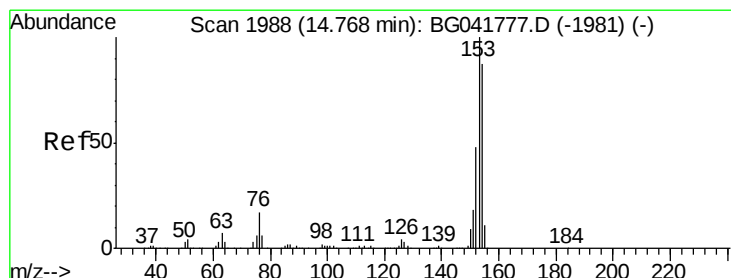
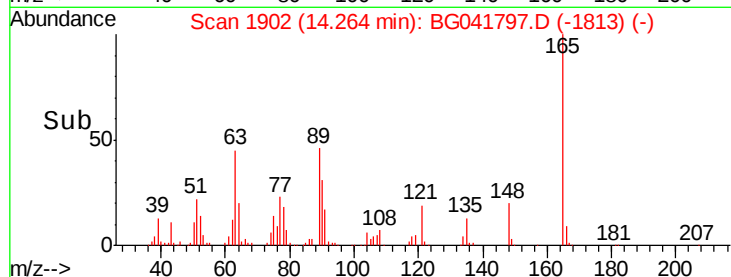
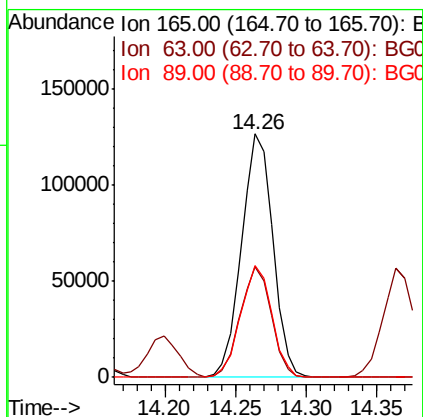
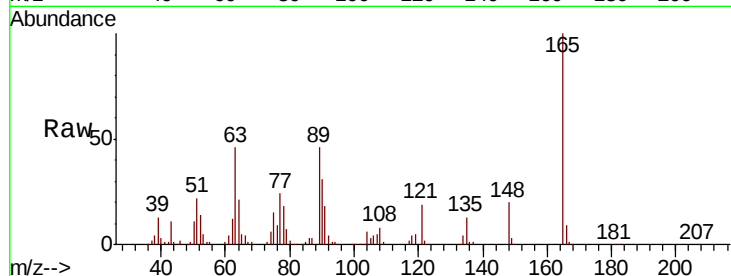




#51
 2,6-Dinitrotoluene
 Concen: 46.673 ng
 RT: 14.26 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: BG041797.D
 Acq: 30 Jul 2019 10:49

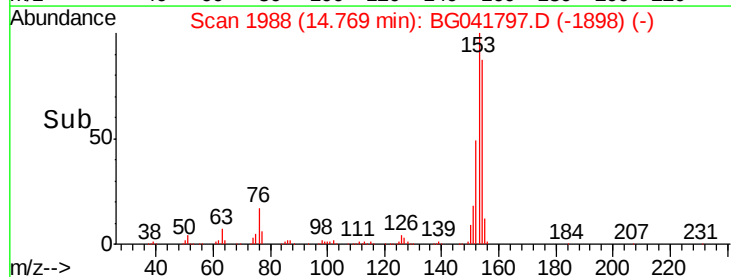
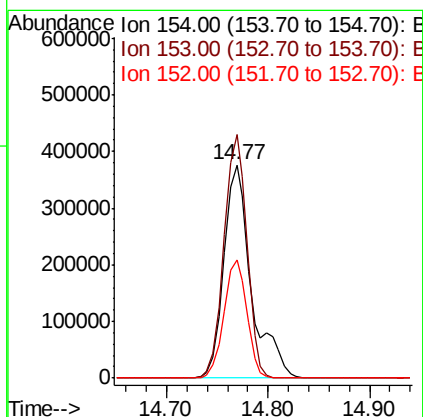
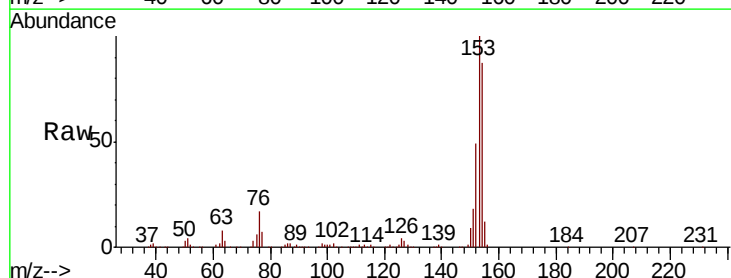
Instrument :
 BNA_G
 ClientSampleId :
 PB121767BSD

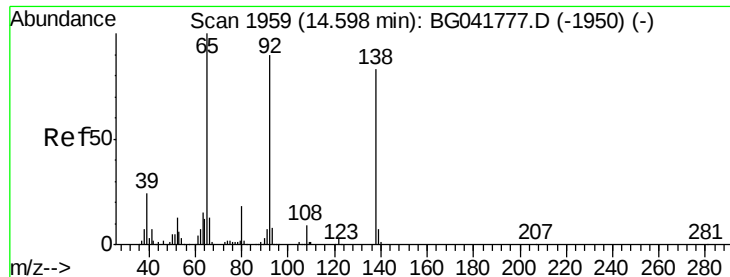
Tgt Ion:165 Resp: 197518
 Ion Ratio Lower Upper
 165 100
 63 45.6 42.4 63.6
 89 45.7 42.1 63.1



#52
 Acenaphthene
 Concen: 44.872 ng
 RT: 14.77 min Scan# 1988
 Delta R.T. 0.00 min
 Lab File: BG041797.D
 Acq: 30 Jul 2019 10:49

Tgt Ion:154 Resp: 708023
 Ion Ratio Lower Upper
 154 100
 153 114.3 89.8 134.6
 152 55.8 44.9 67.3





#53

3-Nitroaniline

Concen: 32.313 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BG041797.D

Acq: 30 Jul 2019 10:49

Instrument :

BNA_G

ClientSampleId :

PB121767BSD

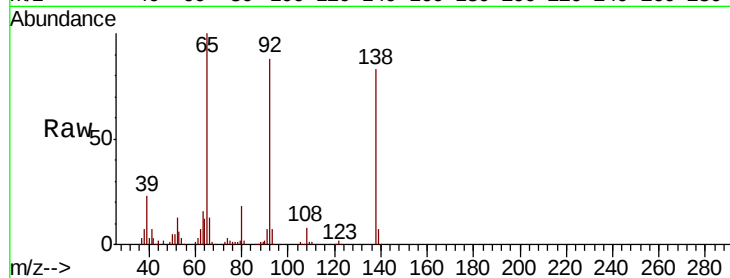
Tgt Ion:138 Resp: 146292

Ion Ratio Lower Upper

138 100

108 10.2 10.3 15.5#

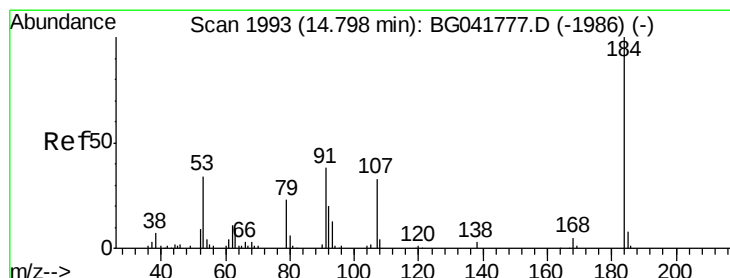
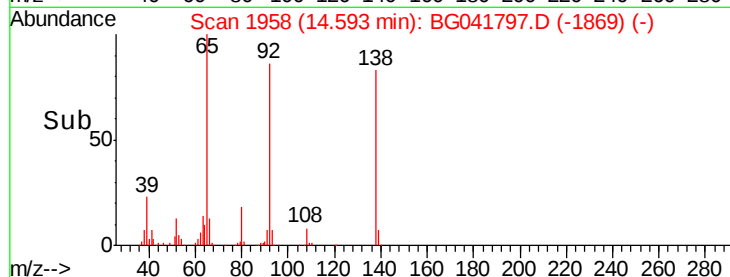
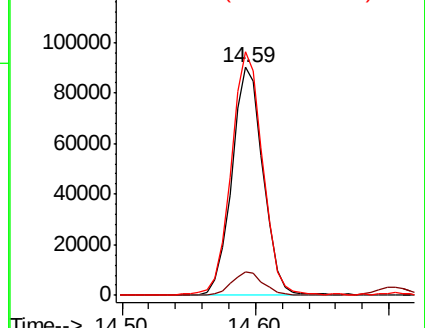
92 106.9 93.0 139.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): E



#54

2,4-Dinitrophenol

Concen: 87.940 ng

RT: 14.80 min Scan# 1993

Delta R.T. 0.00 min

Lab File: BG041797.D

Acq: 30 Jul 2019 10:49

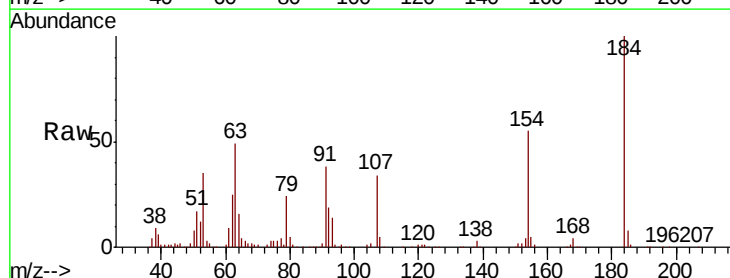
Tgt Ion:184 Resp: 234185

Ion Ratio Lower Upper

184 100

63 49.2 43.2 64.8

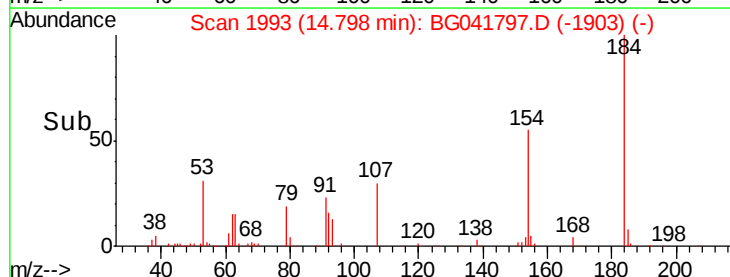
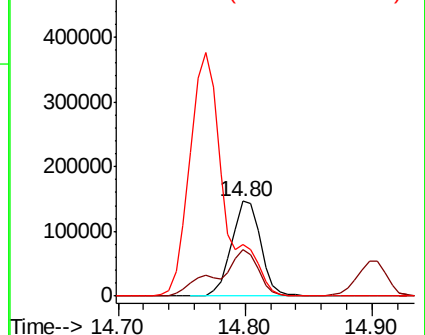
154 54.5 51.4 77.2

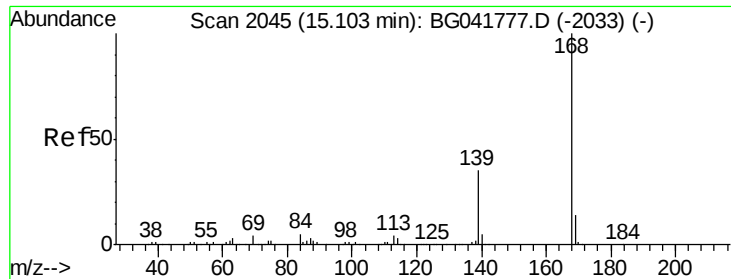


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

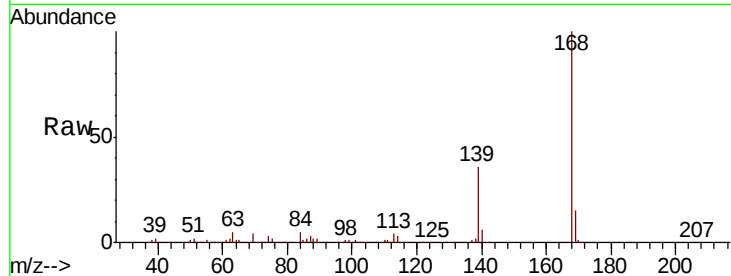




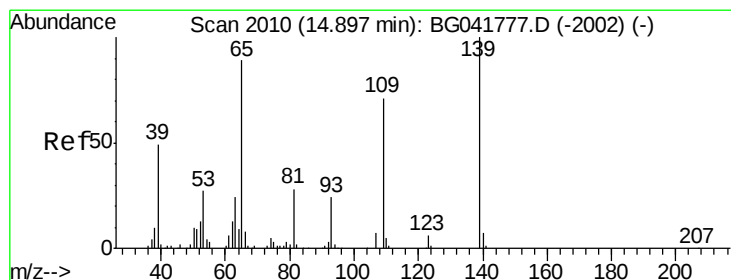
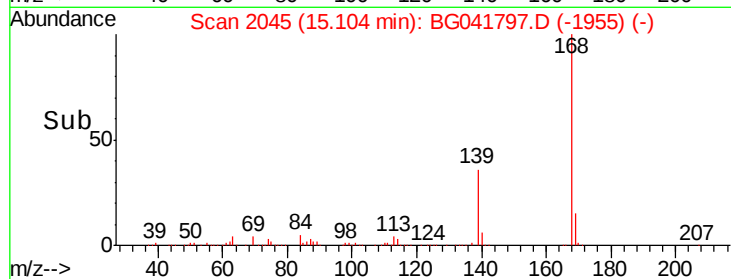
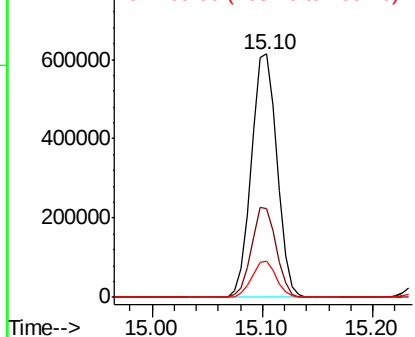
#55
Dibenzenofuran
Concen: 41.415 ng
RT: 15.10 min Scan# 2045
Delta R.T. 0.00 min
Lab File: BG041797.D
Acq: 30 Jul 2019 10:49

Instrument :
BNA_G
ClientSampleId :
PB121767BSD

Tgt Ion:168 Resp: 999529
Ion Ratio Lower Upper
168 100
139 36.3 31.9 47.9
169 15.0 12.5 18.7

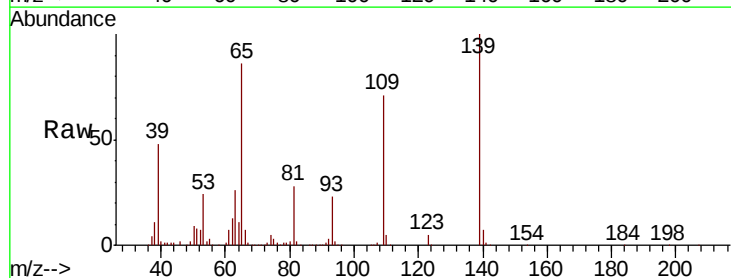


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

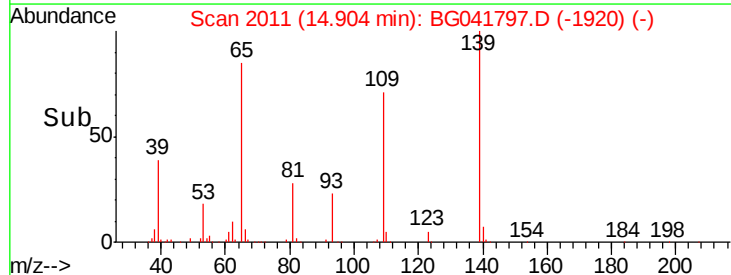
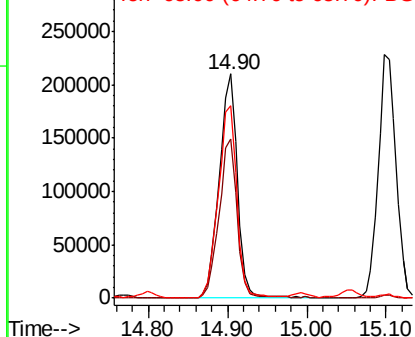


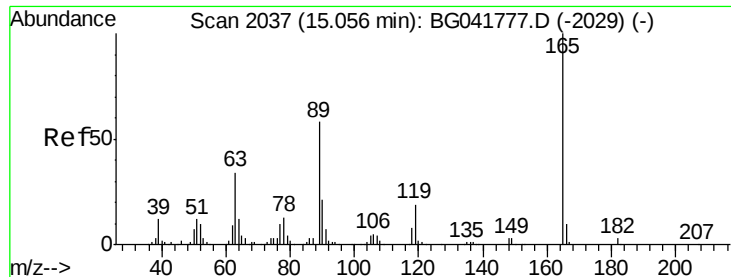
#56
4-Nitrophenol
Concen: 97.171 ng
RT: 14.90 min Scan# 2011
Delta R.T. 0.01 min
Lab File: BG041797.D
Acq: 30 Jul 2019 10:49

Tgt Ion:139 Resp: 333938
Ion Ratio Lower Upper
139 100
109 70.7 51.3 91.3
65 86.0 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

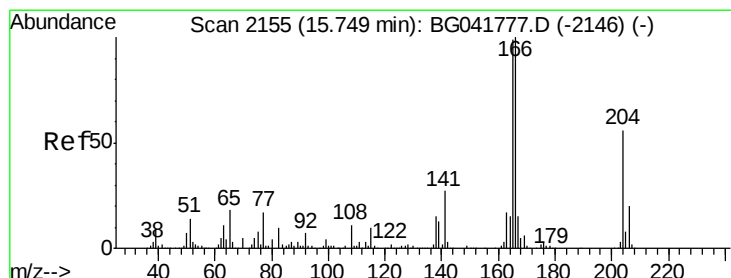
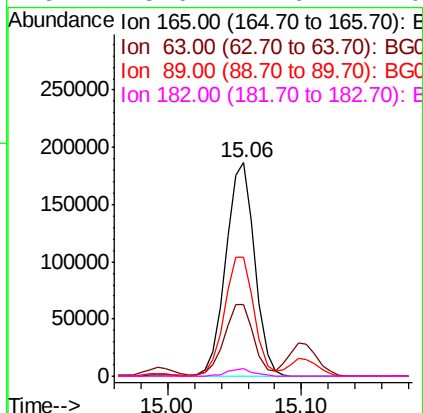
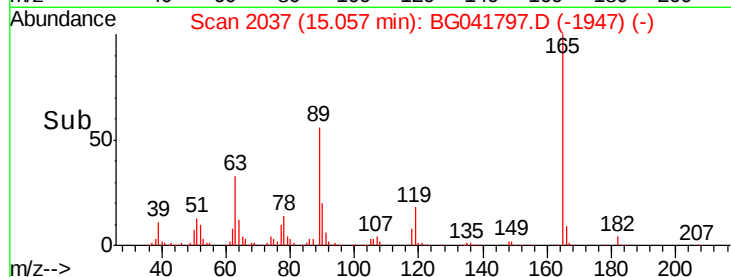
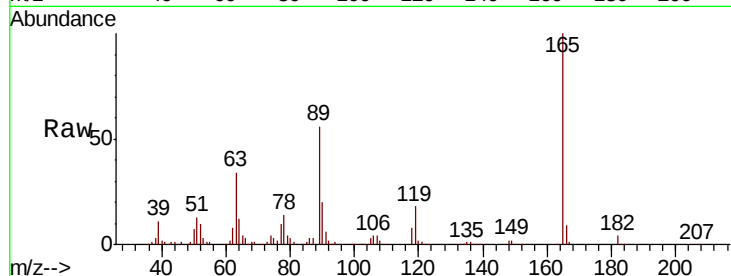




#57
 2,4-Dinitrotoluene
 Concen: 48.395 ng
 RT: 15.06 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: BG041797.D
 Acq: 30 Jul 2019 10:49

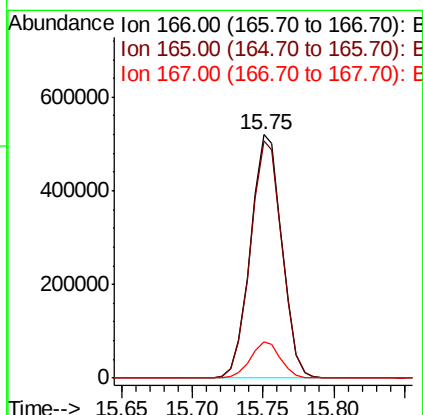
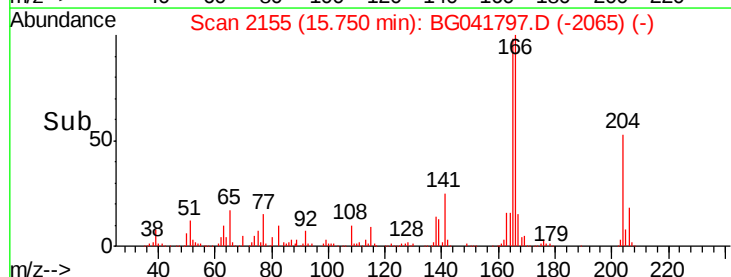
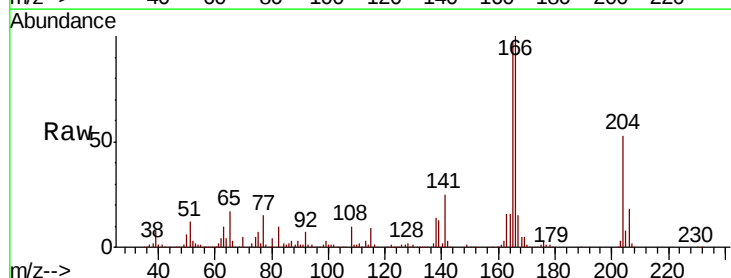
Instrument :
 BNA_G
 ClientSampleId :
 PB121767BSD

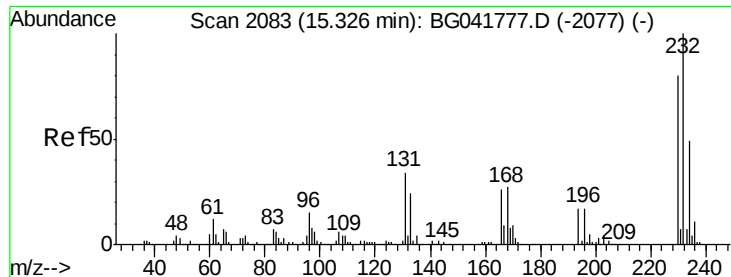
Tgt Ion:165 Resp: 281651
 Ion Ratio Lower Upper
 165 100
 63 33.6 31.7 47.5
 89 55.7 50.2 75.4
 182 3.6 2.6 4.0



#58
 Fluorene
 Concen: 41.744 ng
 RT: 15.75 min Scan# 2155
 Delta R.T. 0.00 min
 Lab File: BG041797.D
 Acq: 30 Jul 2019 10:49

Tgt Ion:166 Resp: 808512
 Ion Ratio Lower Upper
 166 100
 165 97.4 80.5 120.7
 167 14.8 12.4 18.6

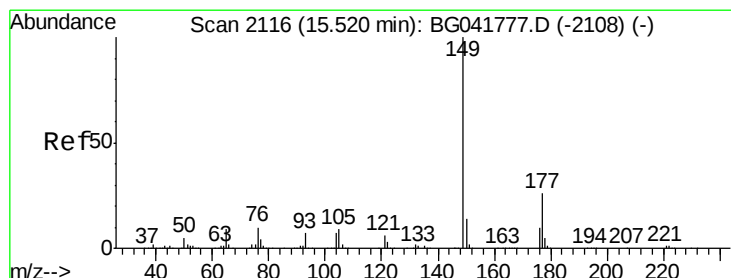
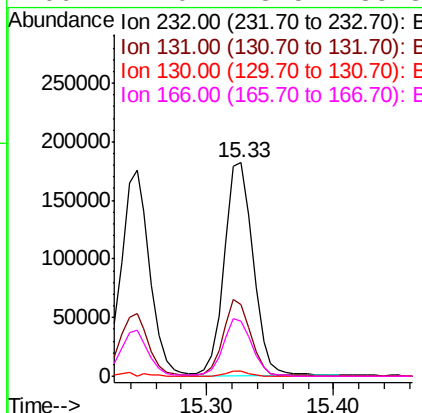
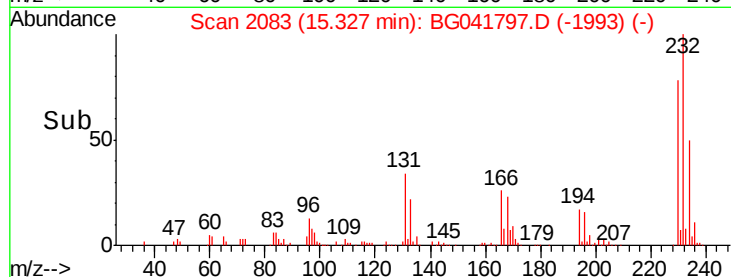
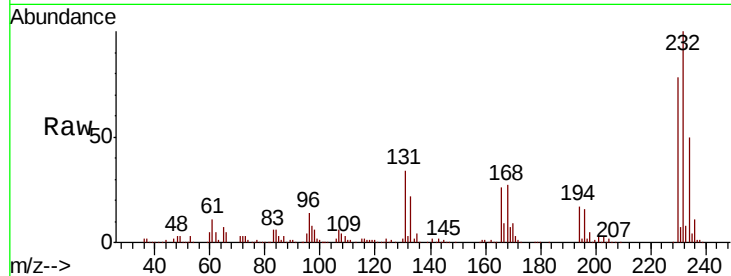




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.881 ng
RT: 15.33 min Scan# 2083
Delta R.T. 0.00 min
Lab File: BG041797.D
Acq: 30 Jul 2019 10:49

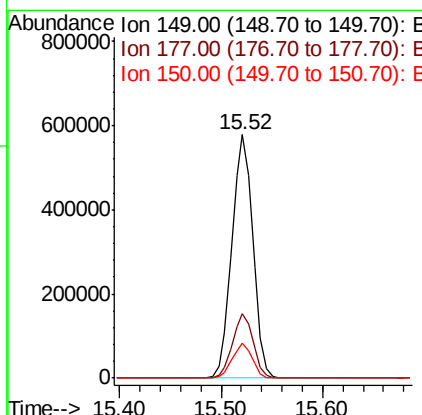
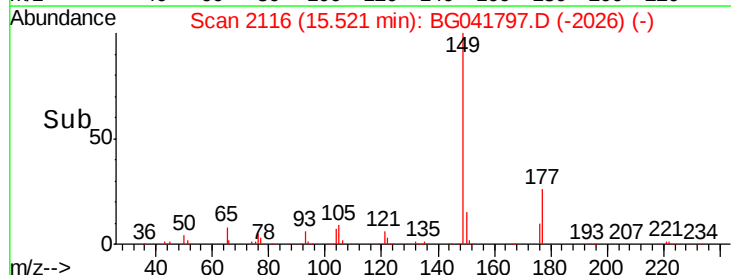
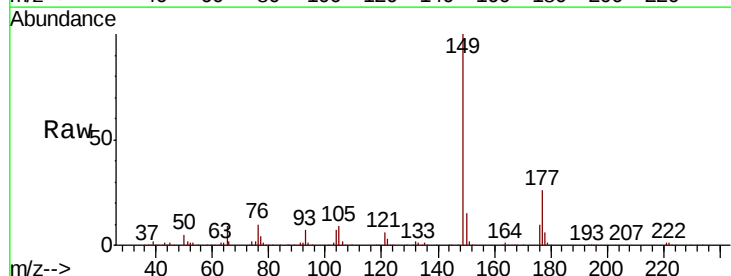
Instrument :
BNA_G
ClientSampleId :
PB121767BSD

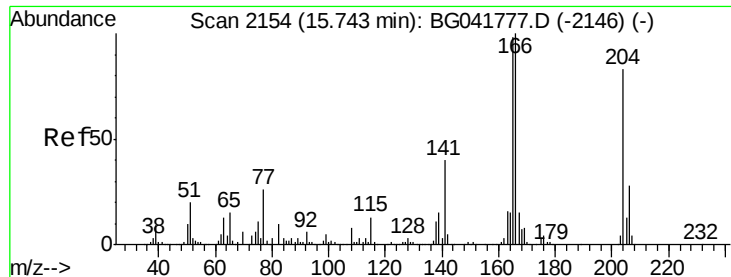
Tgt Ion	Ratio	Lower	Upper
232	100		
131	34.9	31.8	47.6
130	2.0	1.8	2.8
166	27.0	23.5	35.3



#60
Diethylphthalate
Concen: 41.874 ng
RT: 15.52 min Scan# 2116
Delta R.T. 0.00 min
Lab File: BG041797.D
Acq: 30 Jul 2019 10:49

Tgt Ion	Ratio	Lower	Upper
149	100		
177	26.3	20.7	31.1
150	14.5	11.5	17.3

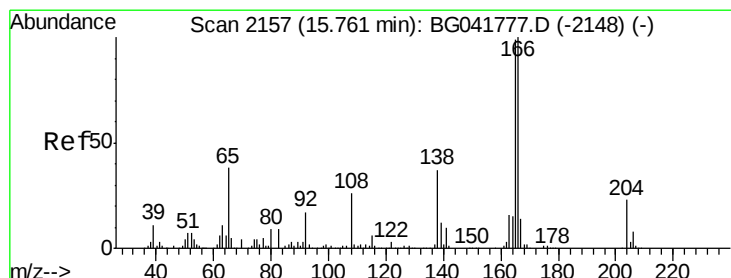
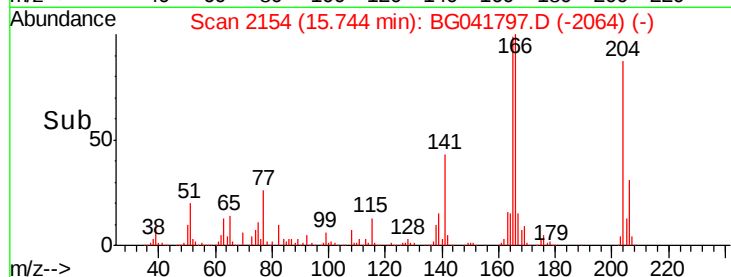
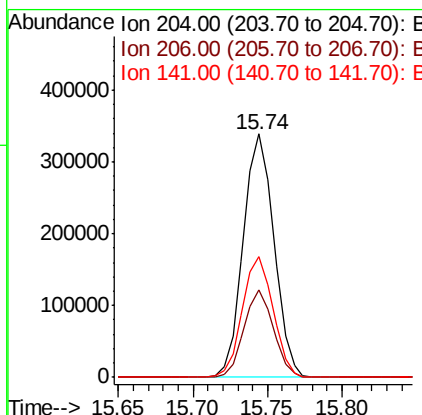
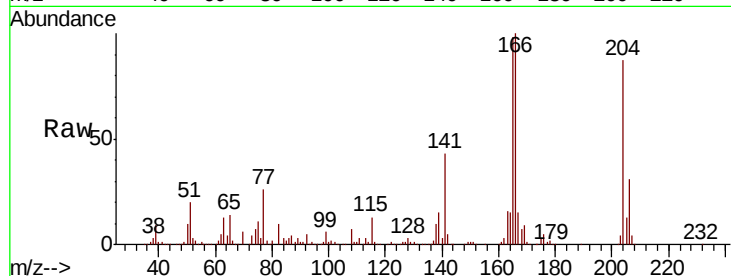




#61
 4-Chlorophenyl-phenylether
 Concen: 40.849 ng
 RT: 15.74 min Scan# 2154
 Delta R.T. 0.00 min
 Lab File: BG041797.D
 Acq: 30 Jul 2019 10:49

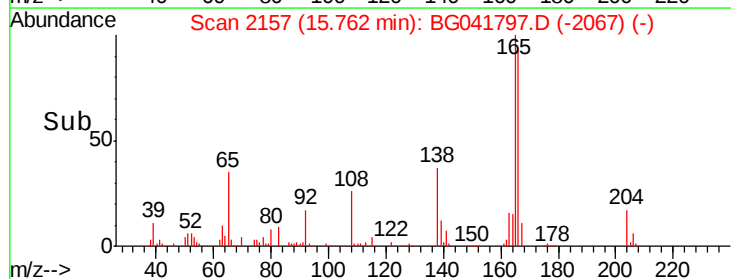
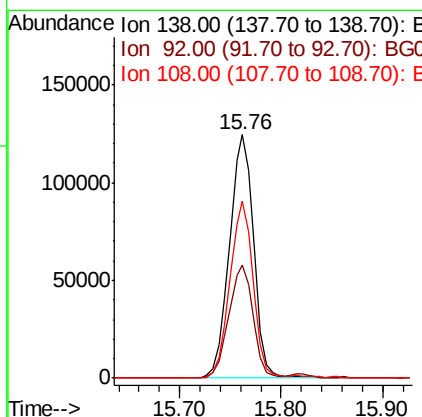
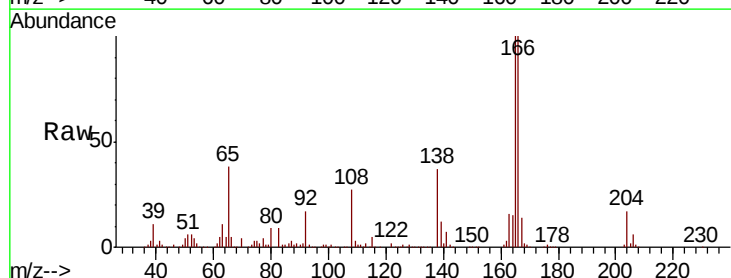
Instrument :
 BNA_G
 ClientSampleId :
 PB121767BSD

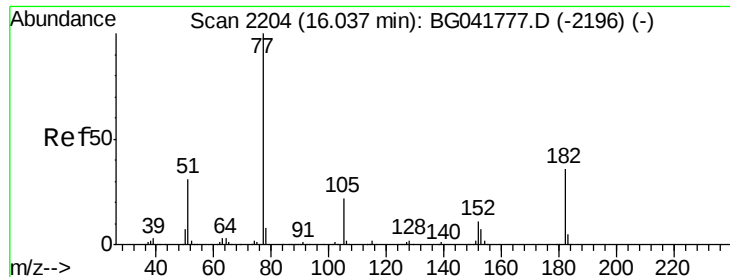
Tgt Ion:204 Resp: 482998
 Ion Ratio Lower Upper
 204 100
 206 35.7 28.6 42.8
 141 49.6 42.9 64.3



#62
 4-Nitroaniline
 Concen: 41.924 ng
 RT: 15.76 min Scan# 2157
 Delta R.T. 0.00 min
 Lab File: BG041797.D
 Acq: 30 Jul 2019 10:49

Tgt Ion:138 Resp: 205585
 Ion Ratio Lower Upper
 138 100
 92 46.3 29.8 69.8
 108 72.9 52.2 92.2

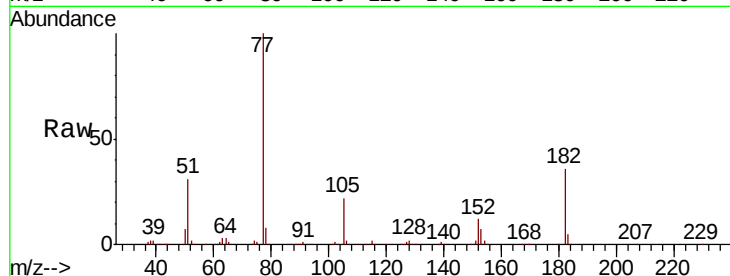




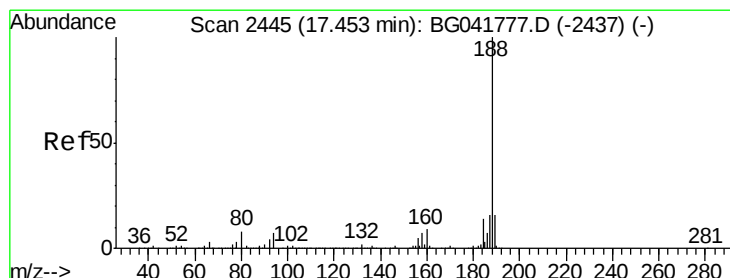
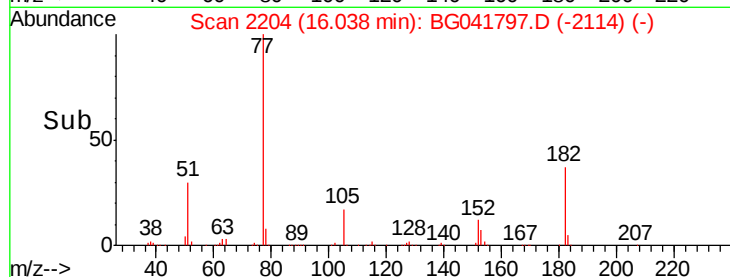
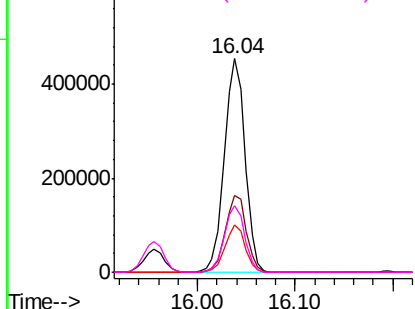
#63
Azobenzene
Concen: 41.007 ng
RT: 16.04 min Scan# 2204
Delta R.T. 0.00 min
Lab File: BG041797.D
Acq: 30 Jul 2019 10:49

Instrument :
BNA_G
ClientSampleId :
PB121767BSD

Tgt Ion: 77 Resp: 665586
Ion Ratio Lower Upper
77 100
182 36.2 13.2 53.2
105 22.0 2.2 42.2
51 31.4 14.6 54.6

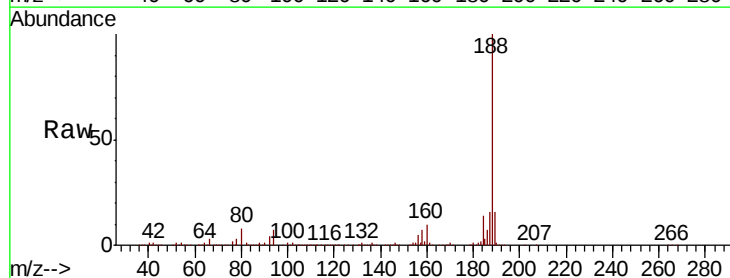


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

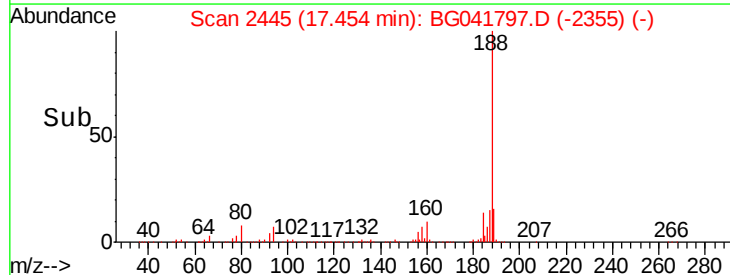
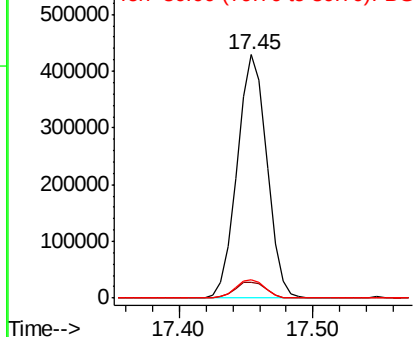


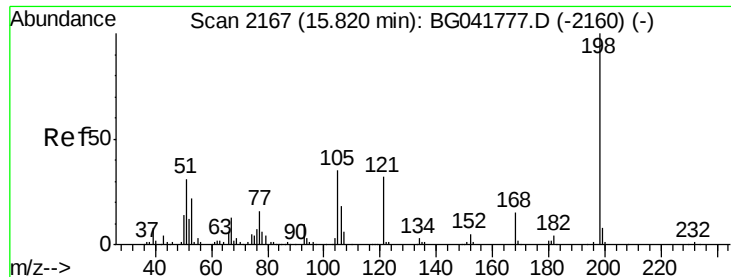
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2445
Delta R.T. 0.00 min
Lab File: BG041797.D
Acq: 30 Jul 2019 10:49

Tgt Ion: 188 Resp: 661755
Ion Ratio Lower Upper
188 100
94 6.7 6.9 10.3#
80 7.8 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

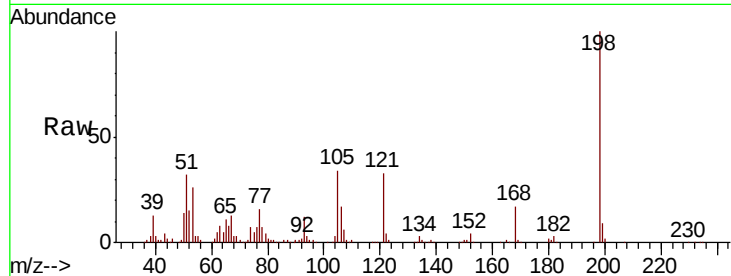




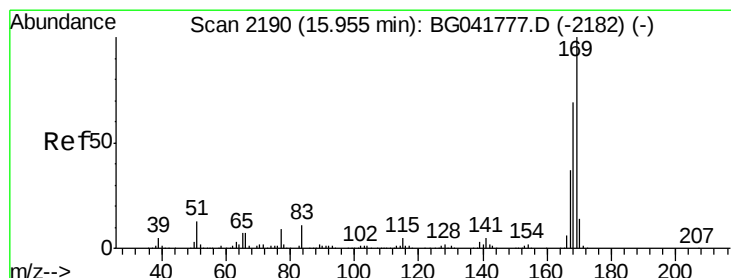
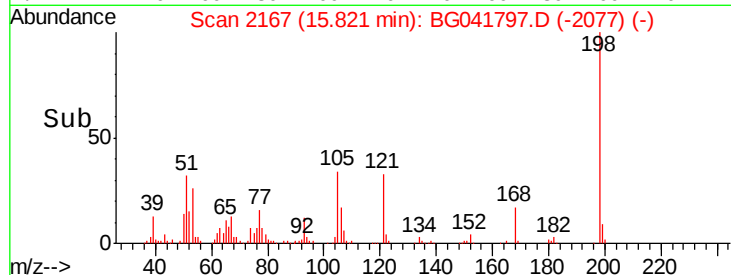
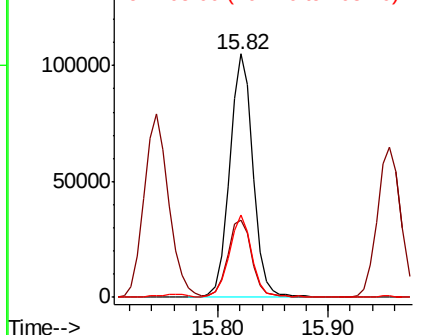
#65
4,6-Dinitro-2-methylphenol
Concen: 47.964 ng
RT: 15.82 min Scan# 2167
Delta R.T. 0.00 min
Lab File: BG041797.D
Acq: 30 Jul 2019 10:49

Instrument :
BNA_G
ClientSampleId :
PB121767BSD

Tgt Ion	Ratio	Lower	Upper
198	100		
51	31.9	22.3	62.3
105	33.8	18.0	58.0

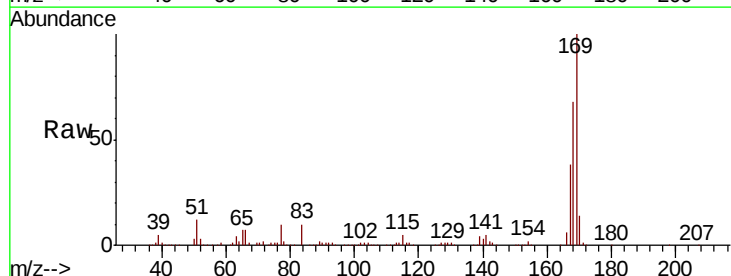


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

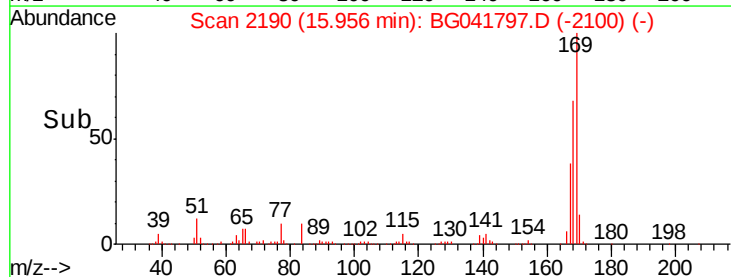
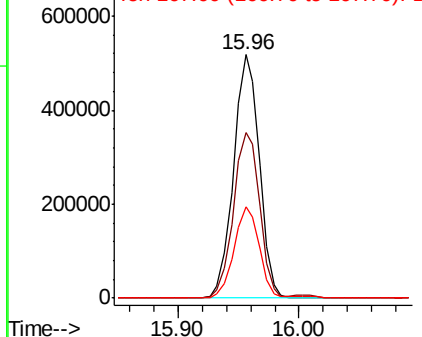


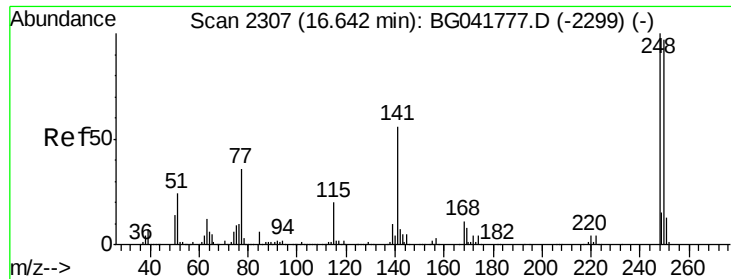
#66
n-Nitrosodiphenylamine
Concen: 42.713 ng
RT: 15.96 min Scan# 2190
Delta R.T. 0.00 min
Lab File: BG041797.D
Acq: 30 Jul 2019 10:49

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.2	56.9	85.3
167	37.6	31.5	47.3



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

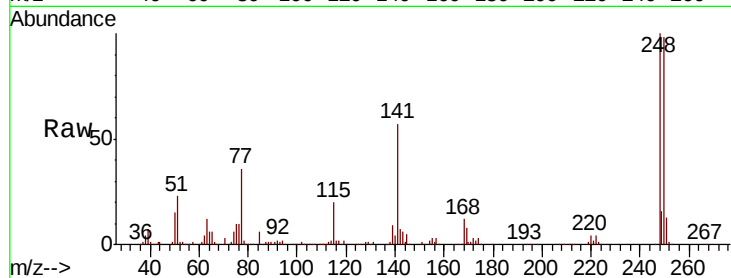




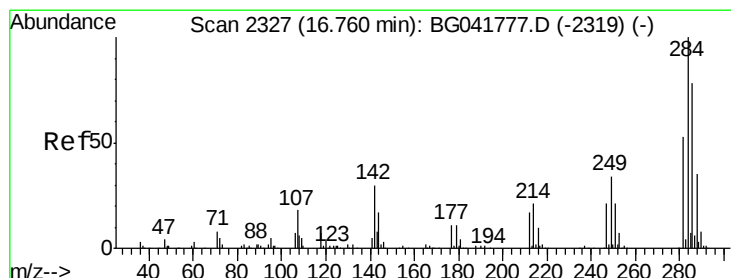
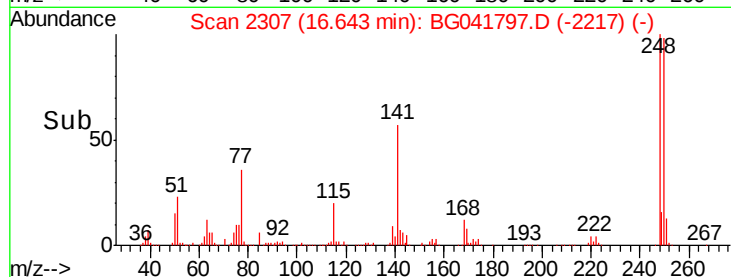
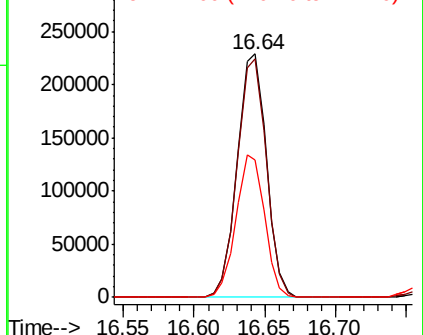
#67
4-Bromophenyl-phenylether
Concen: 40.497 ng
RT: 16.64 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BG041797.D
Acq: 30 Jul 2019 10:49

Instrument :
BNA_G
ClientSampleId :
PB121767BSD

Tgt Ion:248 Resp: 330110
Ion Ratio Lower Upper
248 100
250 98.0 78.1 117.1
141 56.5 49.6 74.4

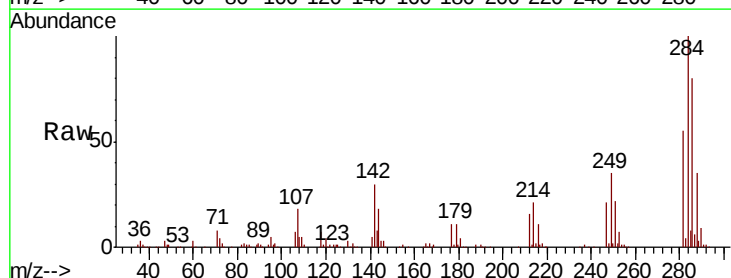


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

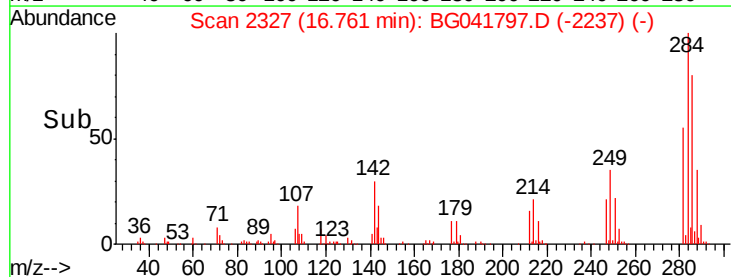
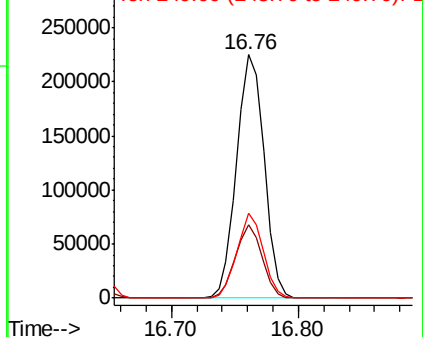


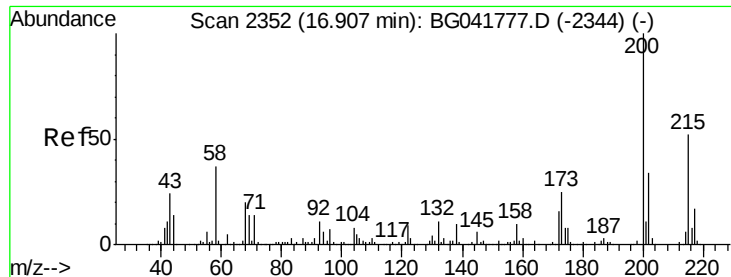
#68
Hexachlorobenzene
Concen: 39.734 ng
RT: 16.76 min Scan# 2327
Delta R.T. 0.00 min
Lab File: BG041797.D
Acq: 30 Jul 2019 10:49

Tgt Ion:284 Resp: 338853
Ion Ratio Lower Upper
284 100
142 30.4 27.0 40.6
249 34.9 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: 44.002 ng

RT: 16.91 min Scan# 2352

Delta R.T. 0.00 min

Lab File: BG041797.D

Acq: 30 Jul 2019 10:49

Instrument :

BNA_G

ClientSampleId :

PB121767BSD

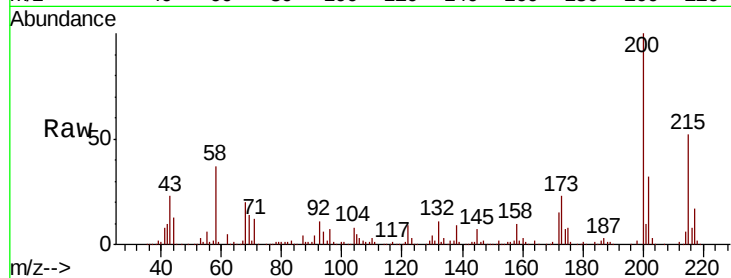
Tgt Ion:200 Resp: 311643

Ion Ratio Lower Upper

200 100

173 23.3 5.3 45.3

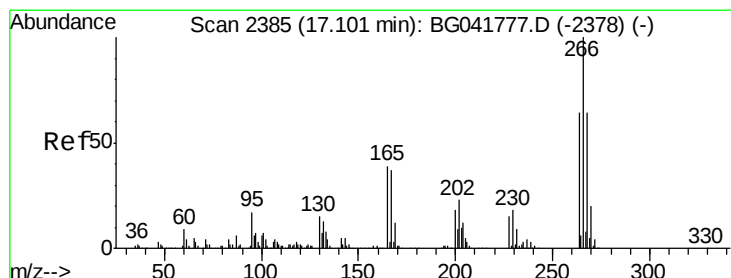
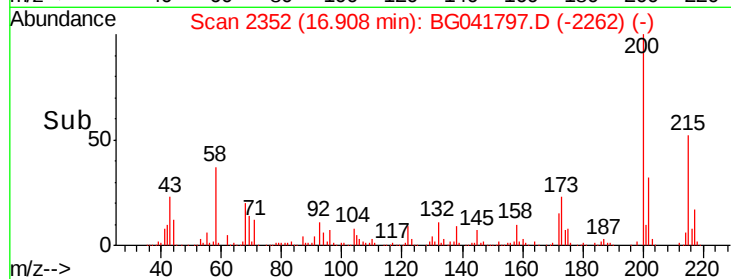
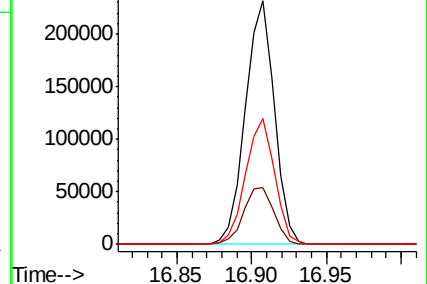
215 51.8 31.8 71.8



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: 93.717 ng

RT: 17.10 min Scan# 2385

Delta R.T. 0.00 min

Lab File: BG041797.D

Acq: 30 Jul 2019 10:49

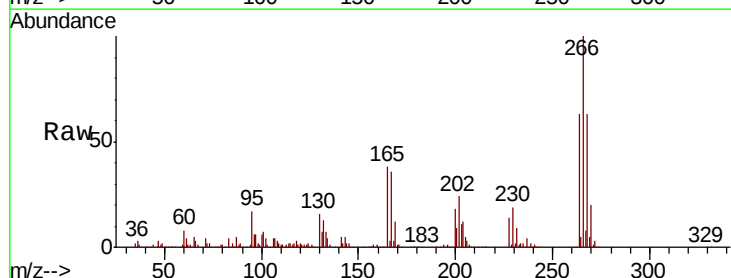
Tgt Ion:266 Resp: 454019

Ion Ratio Lower Upper

266 100

268 62.9 52.9 79.3

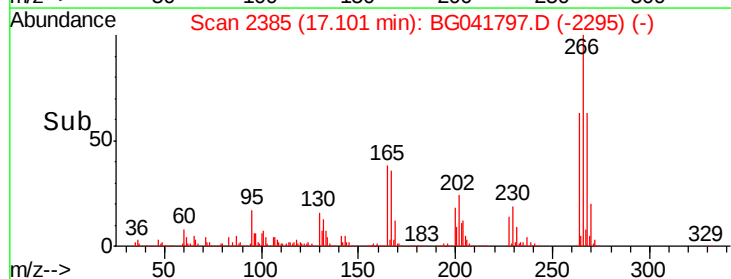
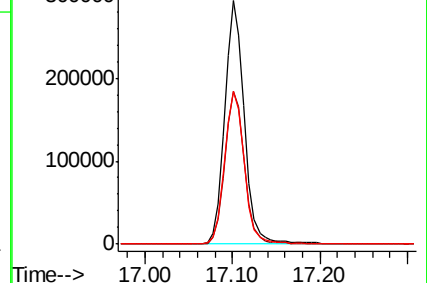
264 62.5 51.4 77.2

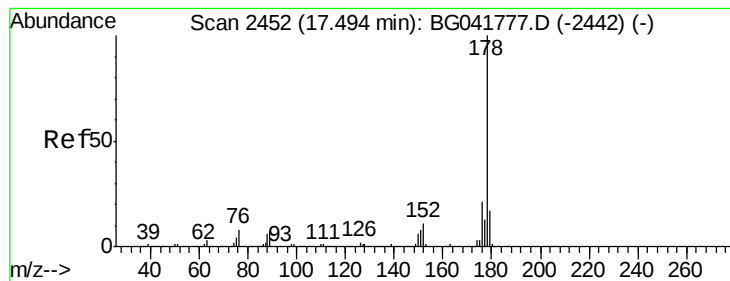


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 42.324 ng

RT: 17.50 min Scan# 2452

Delta R.T. 0.00 min

Lab File: BG041797.D

Acq: 30 Jul 2019 10:49

Instrument :

BNA_G

ClientSampleId :

PB121767BSD

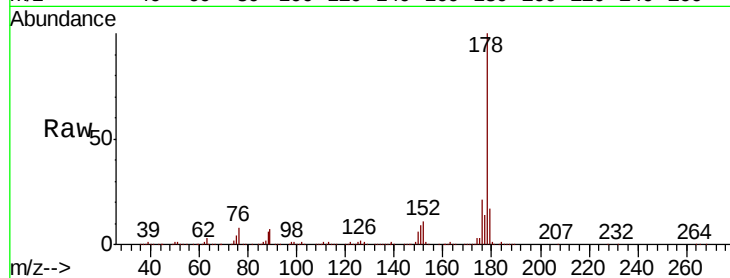
Tgt Ion:178 Resp: 1342523

Ion Ratio Lower Upper

178 100

176 21.5 18.6 28.0

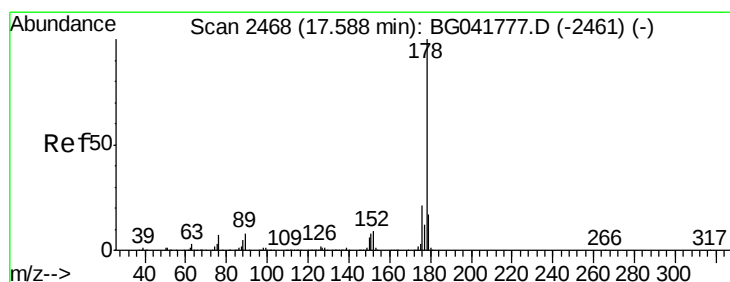
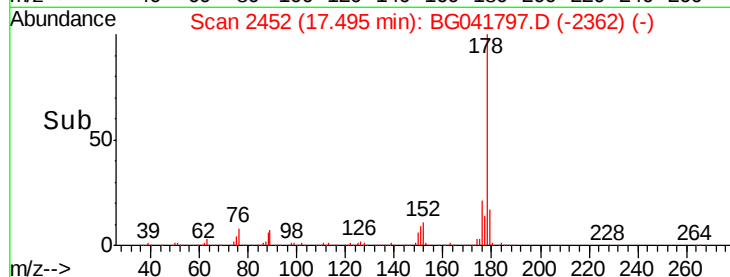
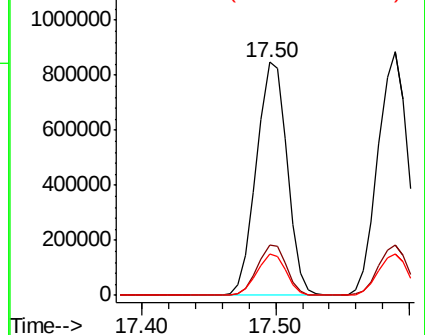
179 17.5 15.4 23.0



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: 43.675 ng

RT: 17.59 min Scan# 2468

Delta R.T. 0.00 min

Lab File: BG041797.D

Acq: 30 Jul 2019 10:49

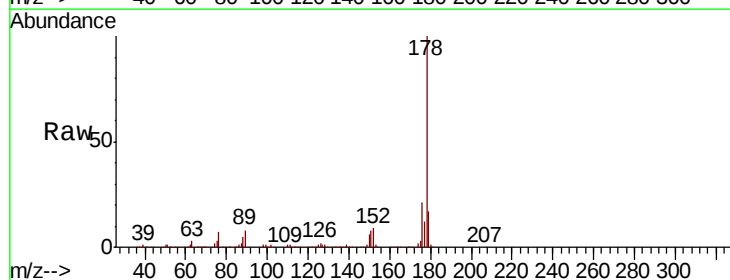
Tgt Ion:178 Resp: 1381687

Ion Ratio Lower Upper

178 100

176 20.5 18.6 28.0

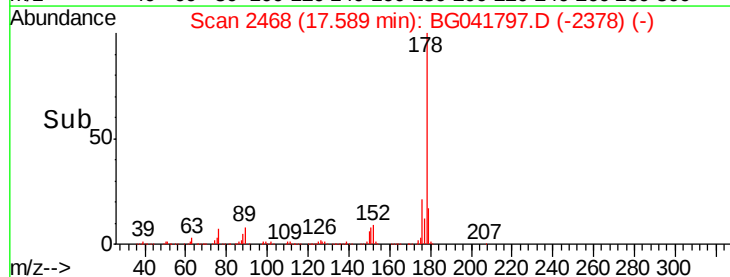
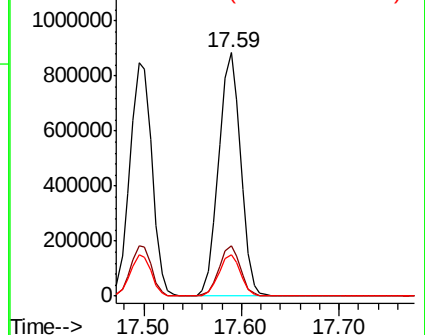
179 17.2 15.1 22.7

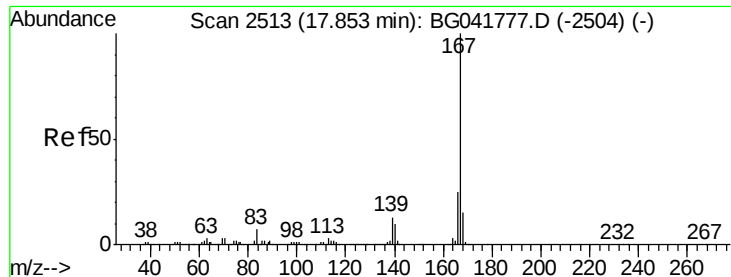


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 43.641 ng

RT: 17.85 min Scan# 2513

Delta R.T. 0.00 min

Lab File: BG041797.D

Acq: 30 Jul 2019 10:49

Instrument :

BNA_G

ClientSampleId :

PB121767BSD

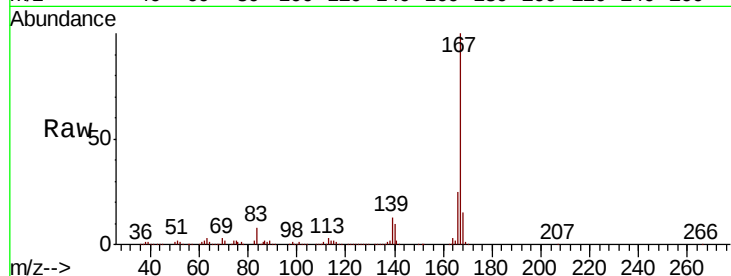
Tgt Ion:167 Resp: 1239149

Ion Ratio Lower Upper

167 100

166 25.2 21.4 32.2

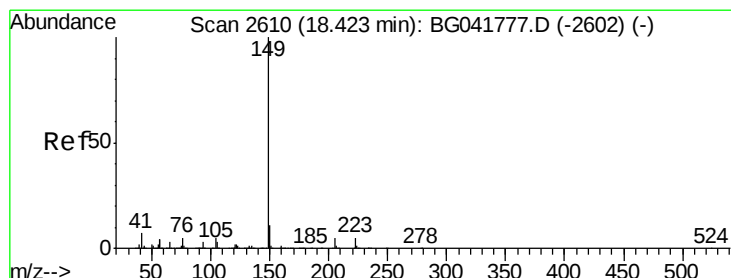
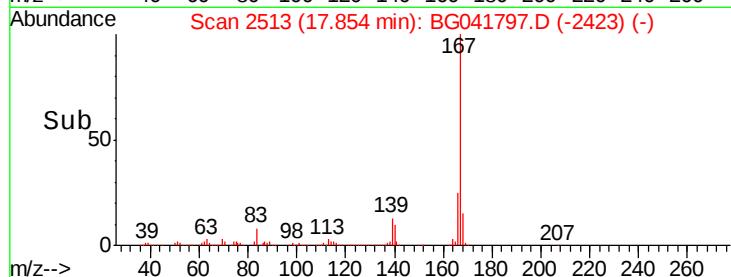
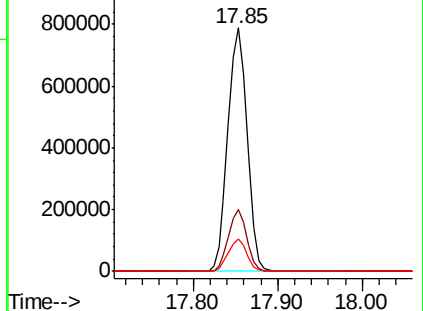
139 13.2 12.1 18.1



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 44.110 ng

RT: 18.42 min Scan# 2610

Delta R.T. 0.00 min

Lab File: BG041797.D

Acq: 30 Jul 2019 10:49

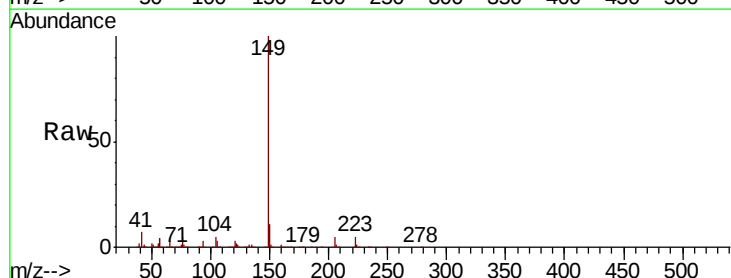
Tgt Ion:149 Resp: 1419890

Ion Ratio Lower Upper

149 100

150 11.0 10.2 15.2

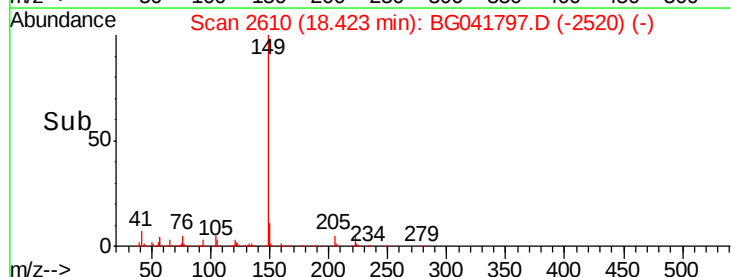
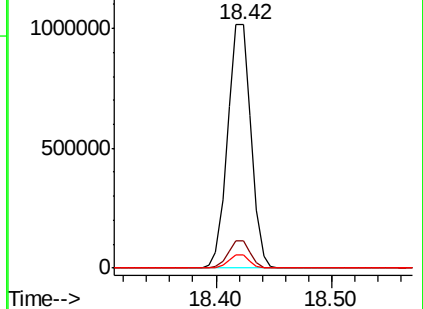
104 5.3 5.3 7.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 43.504 ng

RT: 19.50 min Scan# 2794

Delta R.T. 0.00 min

Lab File: BG041797.D

Acq: 30 Jul 2019 10:49

Instrument :

BNA_G

ClientSampleId :

PB121767BSD

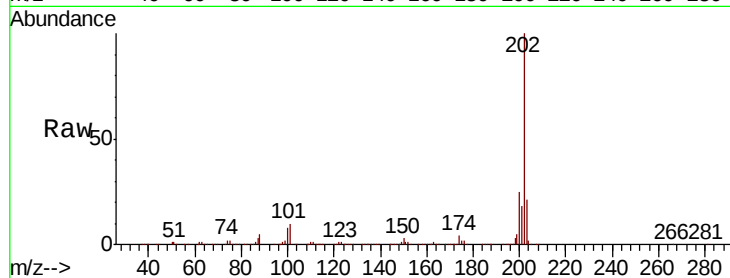
Tgt Ion:202 Resp: 1677358

Ion Ratio Lower Upper

202 100

101 9.5 0.0 32.8

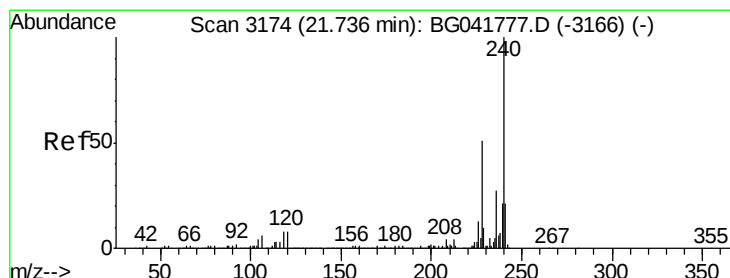
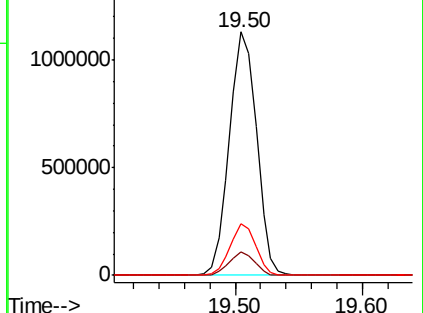
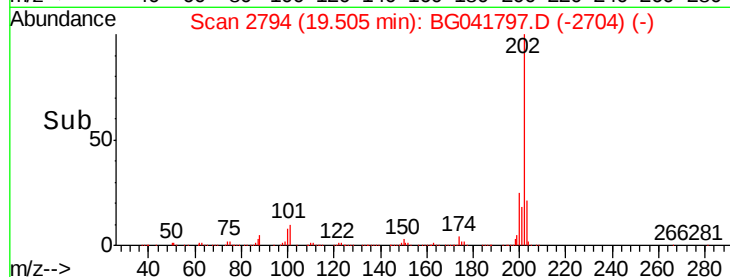
203 21.3 3.7 43.7



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: BG041797.D

Acq: 30 Jul 2019 10:49

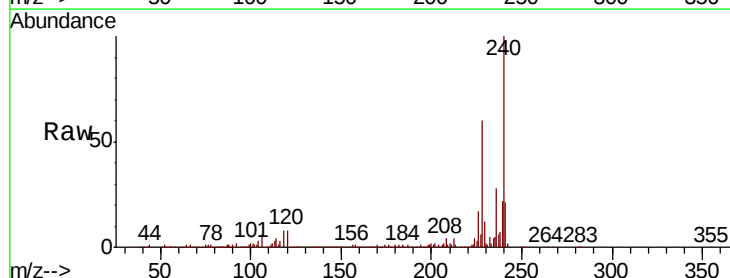
Tgt Ion:240 Resp: 654656

Ion Ratio Lower Upper

240 100

120 7.9 8.0 12.0#

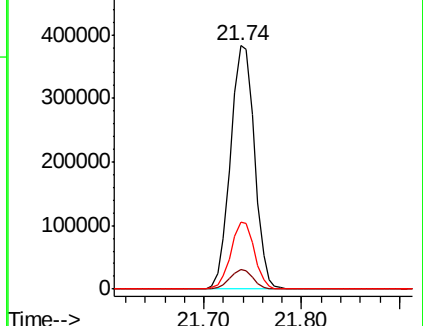
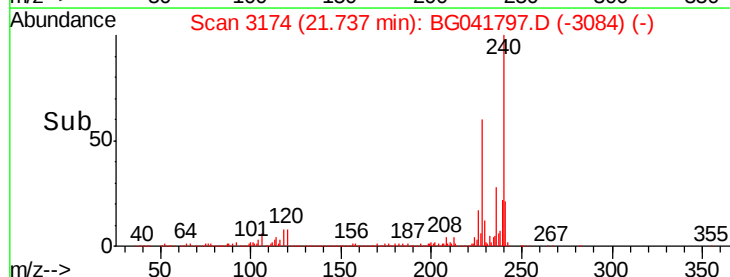
236 27.7 22.6 33.8

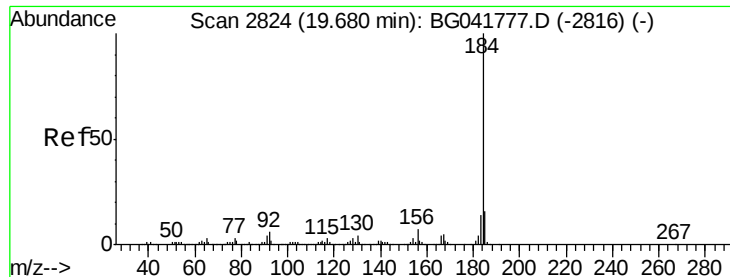


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

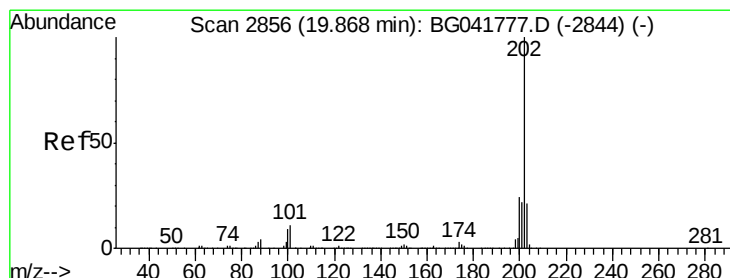
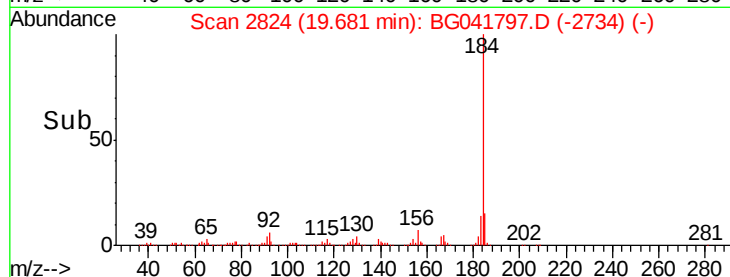
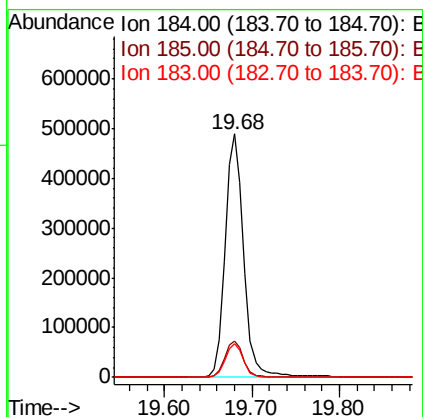
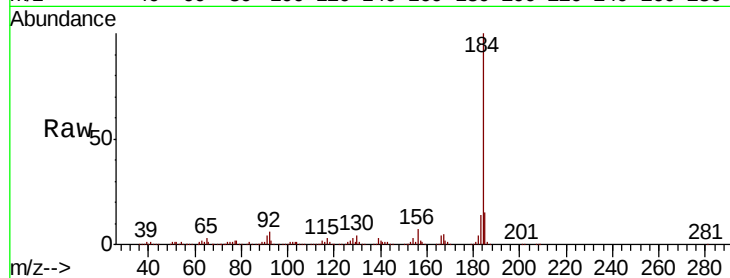




#77
Benzidine
Concen: 33.526 ng
RT: 19.68 min Scan# 2824
Delta R.T. 0.00 min
Lab File: BG041797.D
Acq: 30 Jul 2019 10:49

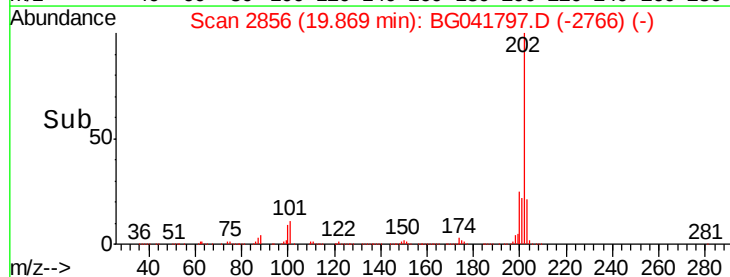
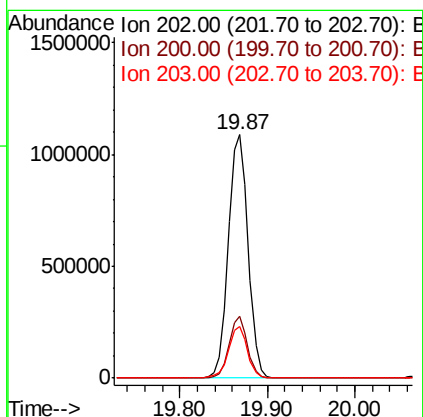
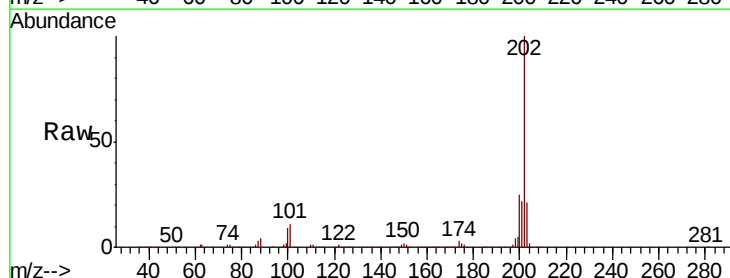
Instrument :
BNA_G
ClientSampleId :
PB121767BSD

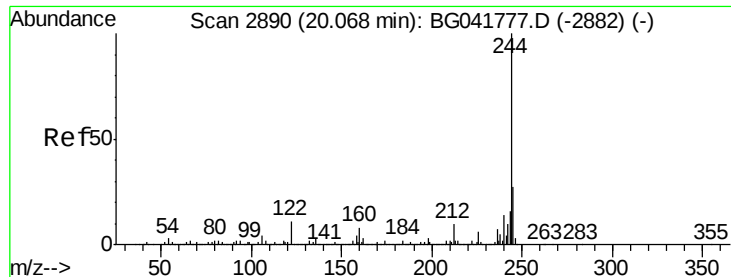
Tgt Ion:184 Resp: 716382
Ion Ratio Lower Upper
184 100
185 15.1 13.0 19.4
183 14.0 11.8 17.6



#78
Pyrene
Concen: 43.165 ng
RT: 19.87 min Scan# 2856
Delta R.T. 0.00 min
Lab File: BG041797.D
Acq: 30 Jul 2019 10:49

Tgt Ion:202 Resp: 1674262
Ion Ratio Lower Upper
202 100
200 25.3 22.2 33.2
203 21.2 18.9 28.3





#79

Terphenyl-d14

Concen: 79.470 ng

RT: 20.07 min Scan# 2890

Delta R.T. 0.00 min

Lab File: BG041797.D

Acq: 30 Jul 2019 10:49

Instrument :

BNA_G

ClientSampleId :

PB121767BSD

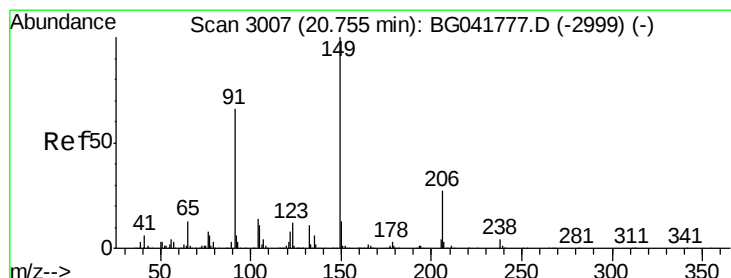
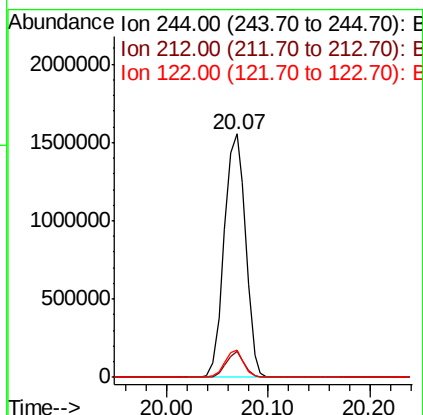
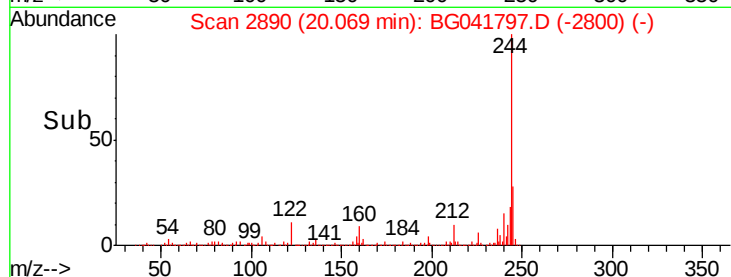
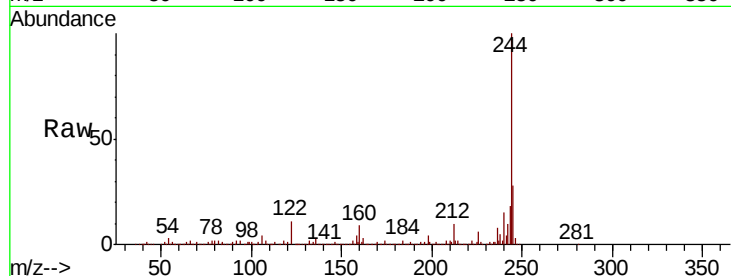
Tgt Ion:244 Resp: 2273579

Ion Ratio Lower Upper

244 100

212 10.4 9.7 14.5

122 11.2 12.5 18.7#



#80

Butylbenzylphthalate

Concen: 44.905 ng

RT: 20.76 min Scan# 3007

Delta R.T. 0.00 min

Lab File: BG041797.D

Acq: 30 Jul 2019 10:49

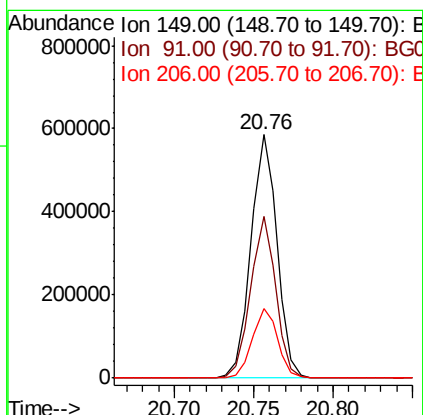
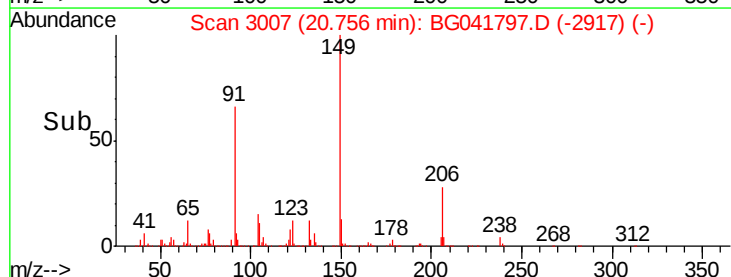
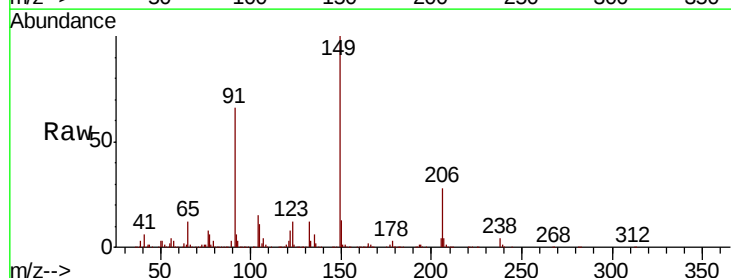
Tgt Ion:149 Resp: 667790

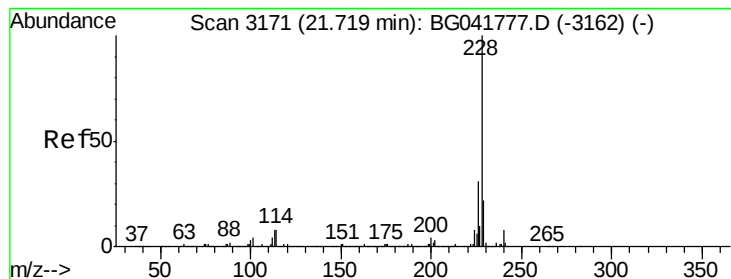
Ion Ratio Lower Upper

149 100

91 66.3 58.9 88.3

206 28.4 20.8 31.2





#81

Benzo(a)anthracene

Concen: 41.499 ng

RT: 21.72 min Scan# 3171

Delta R.T. 0.00 min

Lab File: BG041797.D

Acq: 30 Jul 2019 10:49

Instrument :

BNA_G

ClientSampleId :

PB121767BSD

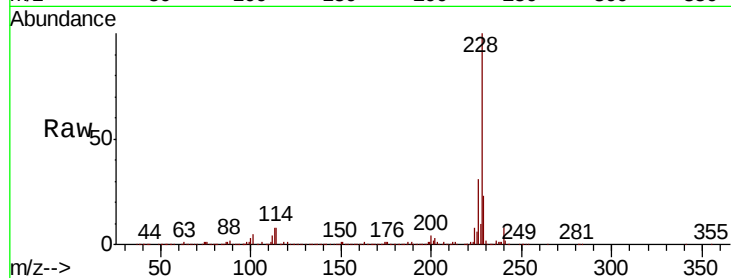
Tgt Ion:228 Resp: 1607369

Ion Ratio Lower Upper

228 100

226 31.4 27.3 40.9

229 23.3 19.7 29.5

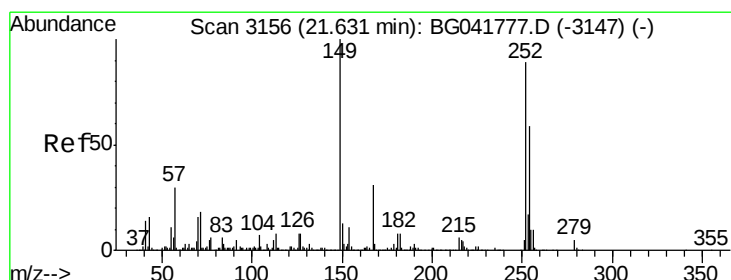
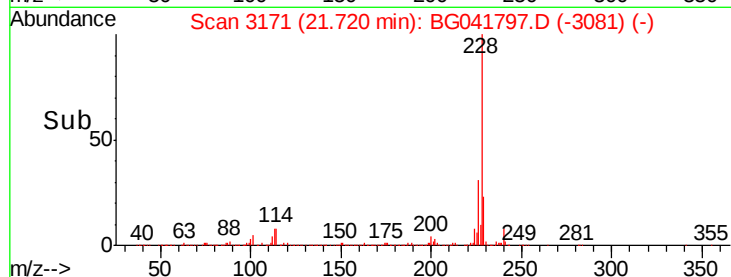
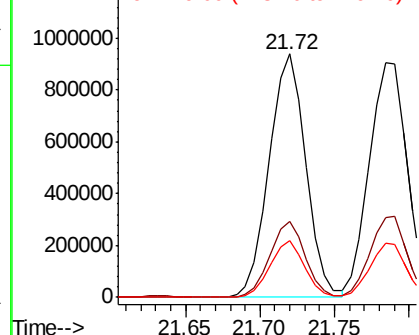


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 34.375 ng

RT: 21.63 min Scan# 3156

Delta R.T. 0.00 min

Lab File: BG041797.D

Acq: 30 Jul 2019 10:49

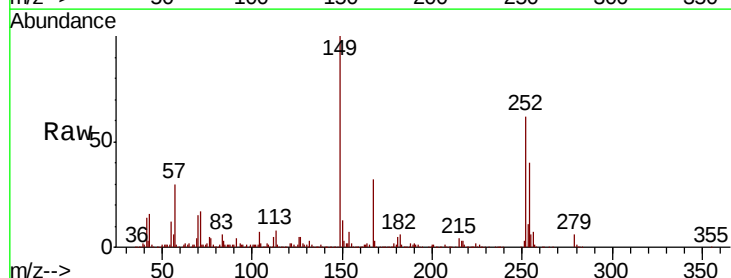
Tgt Ion:252 Resp: 534567

Ion Ratio Lower Upper

252 100

254 65.3 53.8 80.6

126 7.8 7.8 11.8

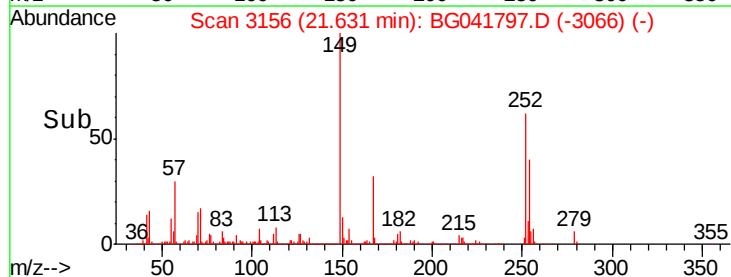
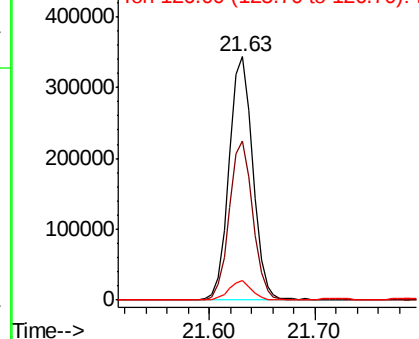


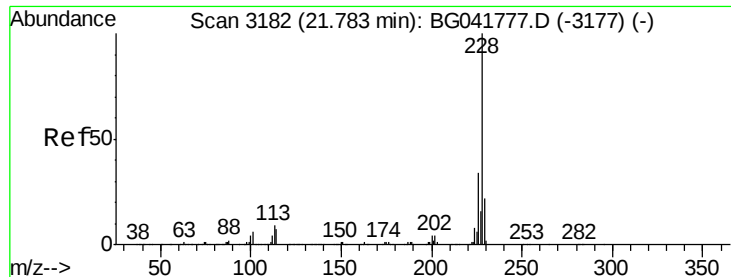
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 42.619 ng

RT: 21.78 min Scan# 3182

Delta R.T. 0.00 min

Lab File: BG041797.D

Acq: 30 Jul 2019 10:49

Instrument :

BNA_G

ClientSampleId :

PB121767BSD

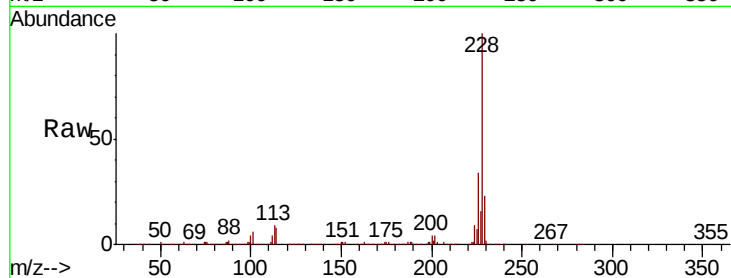
Tgt Ion:228 Resp: 1582359

Ion Ratio Lower Upper

228 100

226 34.1 30.1 45.1

229 23.1 19.8 29.6

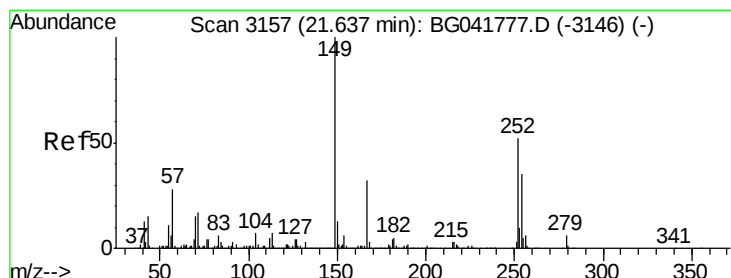
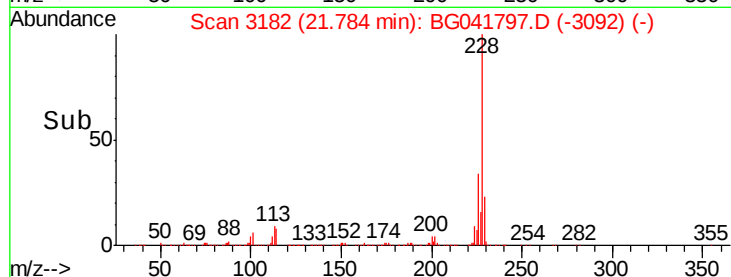
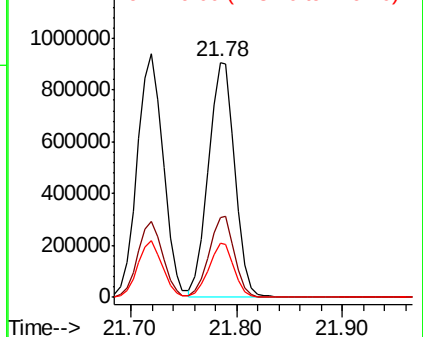


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.388 ng

RT: 21.64 min Scan# 3157

Delta R.T. 0.00 min

Lab File: BG041797.D

Acq: 30 Jul 2019 10:49

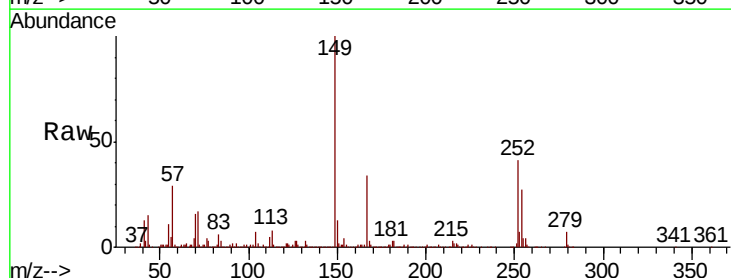
Tgt Ion:149 Resp: 910559

Ion Ratio Lower Upper

149 100

167 33.6 27.0 40.4

279 6.9 5.0 7.6

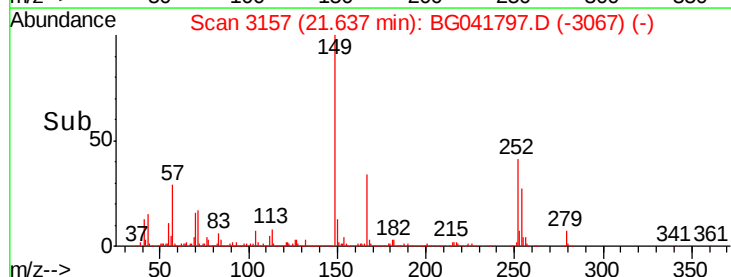
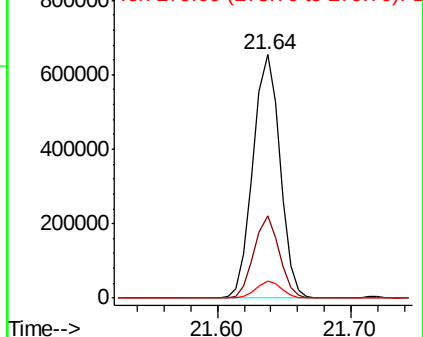


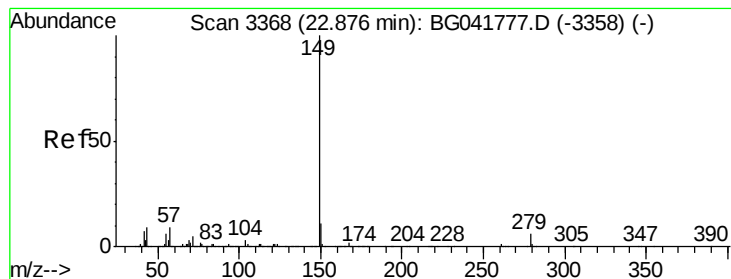
Abundance

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: 45.323 ng

RT: 22.88 min Scan# 3368

Delta R.T. 0.00 min

Lab File: BG041797.D

Acq: 30 Jul 2019 10:49

Instrument :

BNA_G

ClientSampleId :

PB121767BSD

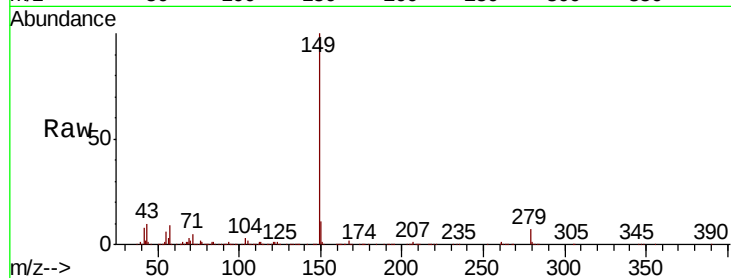
Tgt Ion:149 Resp: 1564694

Ion Ratio Lower Upper

149 100

167 1.9 1.6 2.4

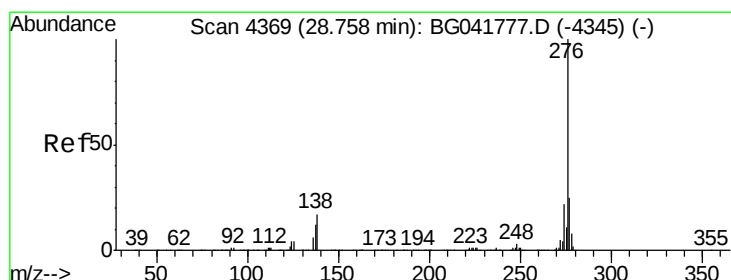
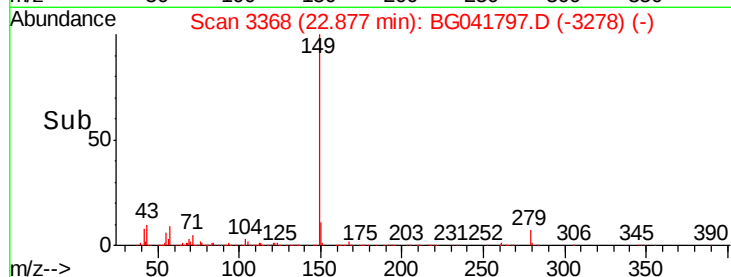
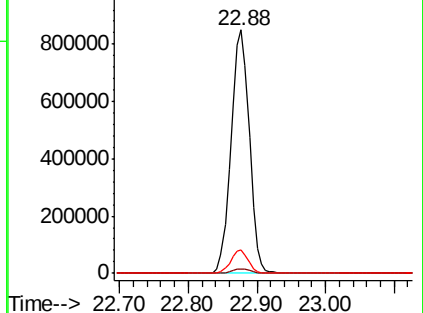
43 9.2 10.6 16.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 42.728 ng

RT: 28.75 min Scan# 4368

Delta R.T. -0.01 min

Lab File: BG041797.D

Acq: 30 Jul 2019 10:49

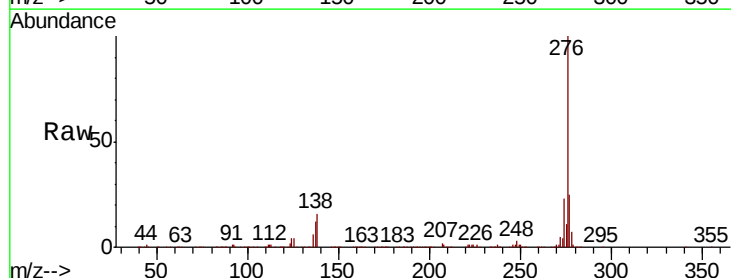
Tgt Ion:276 Resp: 2100032

Ion Ratio Lower Upper

276 100

138 14.6 19.4 29.0#

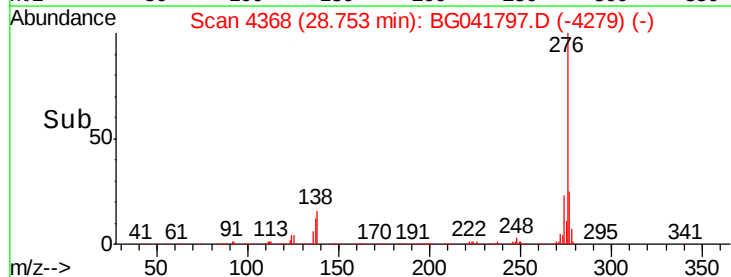
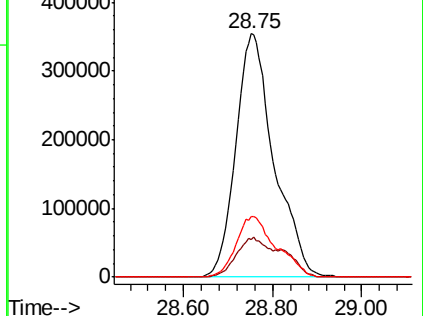
277 26.3 21.2 31.8

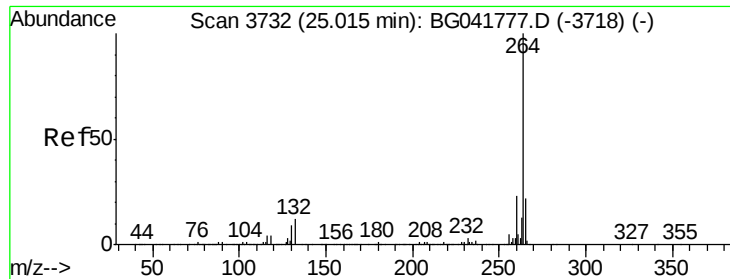


Abundance Ion 276.00 (275.70 to 276.70): E

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: 25.02 min Scan# 3732

Delta R.T. 0.00 min

Lab File: BG041797.D

Acq: 30 Jul 2019 10:49

Instrument :

BNA_G

ClientSampleId :

PB121767BSD

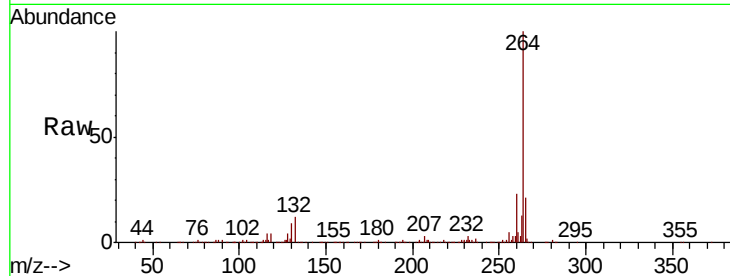
Tgt Ion:264 Resp: 750802

Ion Ratio Lower Upper

264 100

260 22.8 19.5 29.3

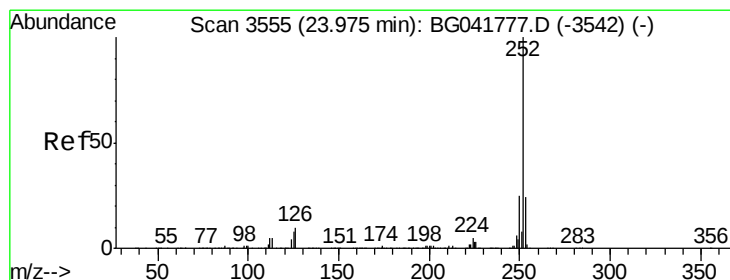
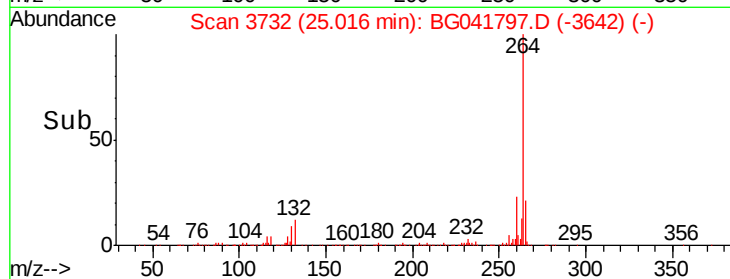
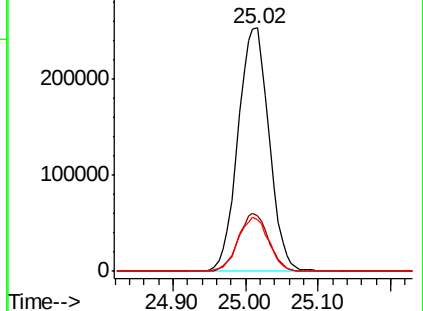
265 21.3 18.0 27.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 42.206 ng

RT: 24.05 min Scan# 3567

Delta R.T. 0.07 min

Lab File: BG041797.D

Acq: 30 Jul 2019 10:49

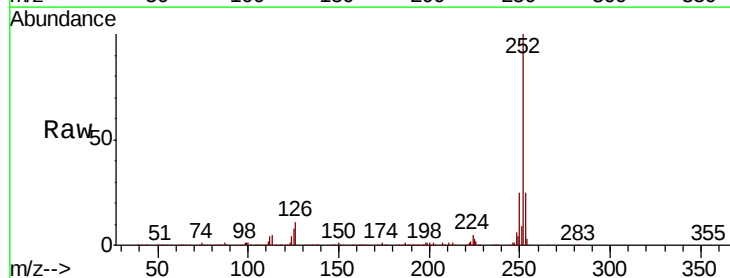
Tgt Ion:252 Resp: 1733474

Ion Ratio Lower Upper

252 100

253 25.0 20.6 30.8

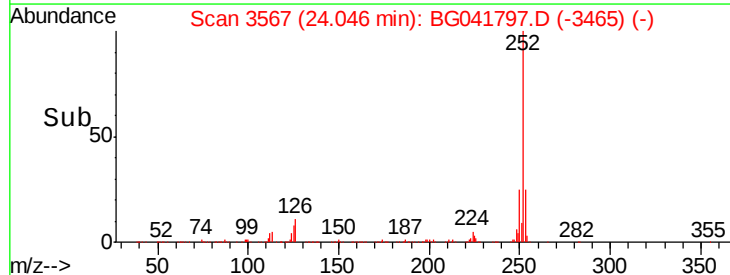
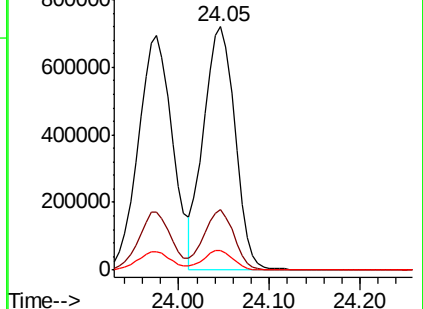
125 8.1 8.0 12.0

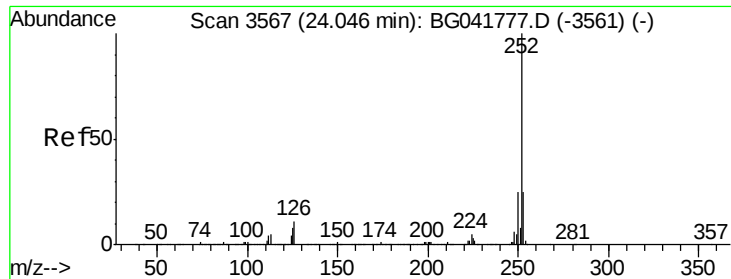


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

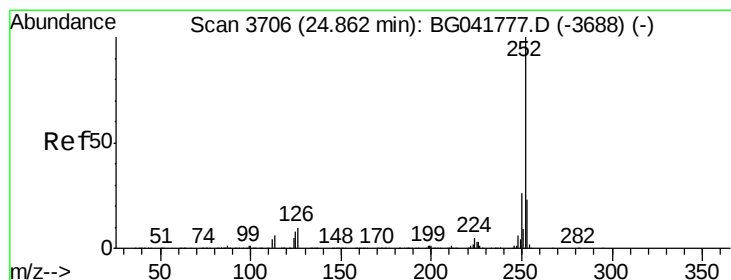
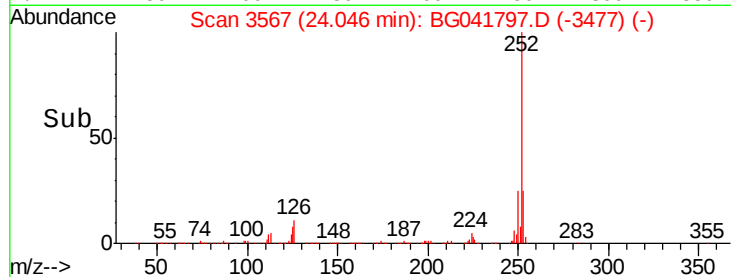
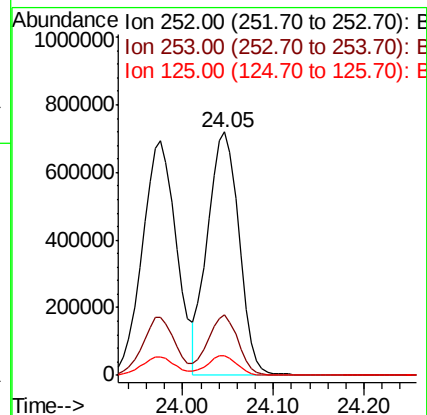
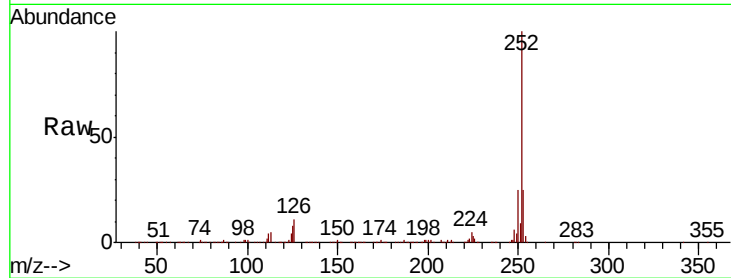




#89
Benzo(k)fluoranthene
Concen: 43.328 ng
RT: 24.05 min Scan# 3567
Delta R.T. 0.00 min
Lab File: BG041797.D
Acq: 30 Jul 2019 10:49

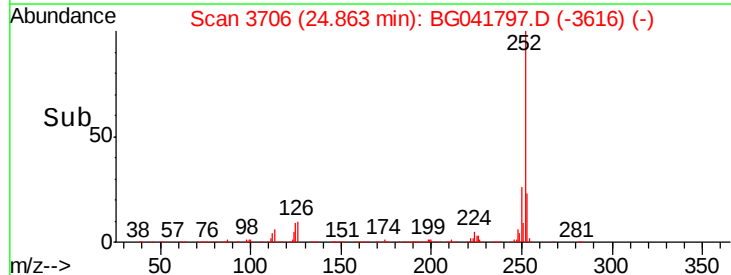
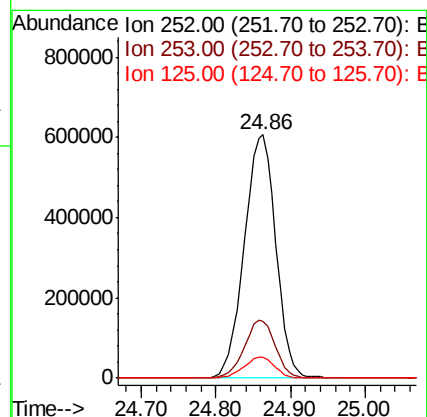
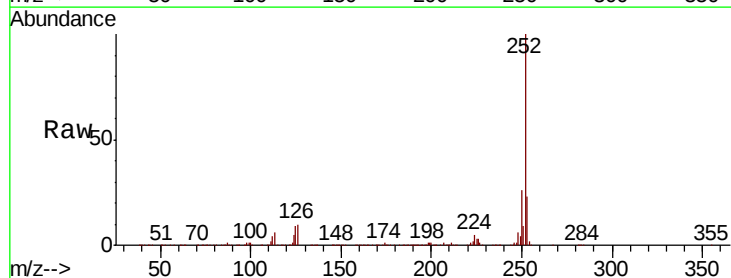
Instrument :
BNA_G
ClientSampleId :
PB121767BSD

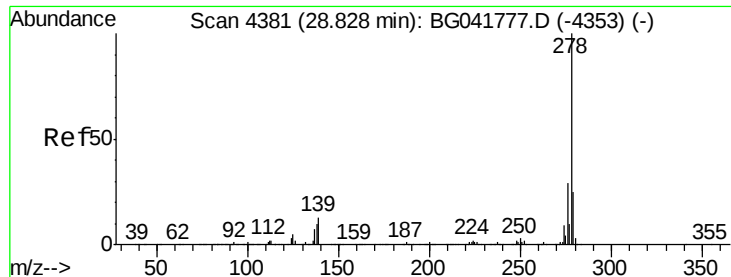
Tgt Ion:252 Resp: 1733474
Ion Ratio Lower Upper
252 100
253 25.0 20.5 30.7
125 8.1 8.4 12.6#



#90
Benzo(a)pyrene
Concen: 45.123 ng
RT: 24.86 min Scan# 3706
Delta R.T. 0.00 min
Lab File: BG041797.D
Acq: 30 Jul 2019 10:49

Tgt Ion:252 Resp: 1777434
Ion Ratio Lower Upper
252 100
253 23.3 19.8 29.8
125 8.6 8.8 13.2#





#91

Dibenzo(a,h)anthracene

Concen: 44.581 ng

RT: 28.83 min Scan# 4381

Delta R.T. 0.00 min

Lab File: BG041797.D

Acq: 30 Jul 2019 10:49

Instrument :

BNA_G

ClientSampleId :

PB121767BSD

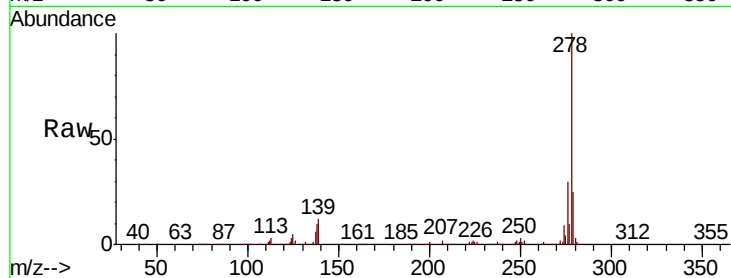
Tgt Ion:278 Resp: 1724321

Ion Ratio Lower Upper

278 100

139 12.1 12.6 19.0#

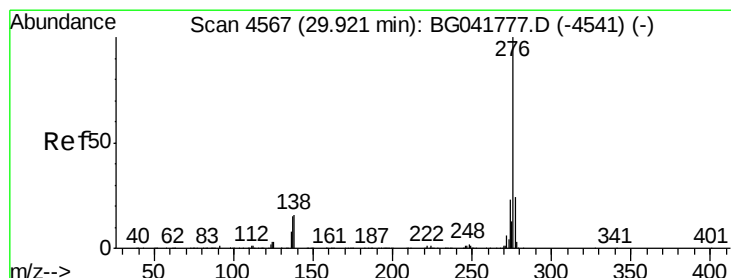
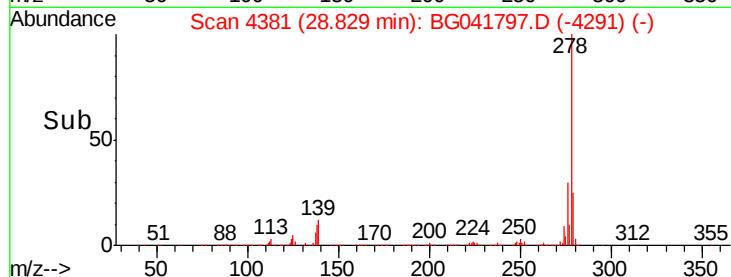
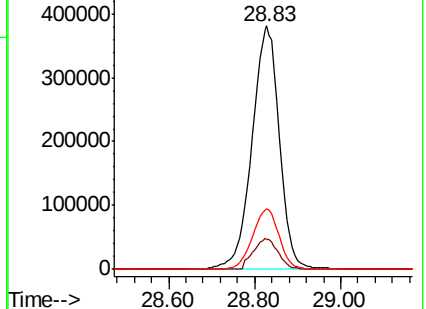
279 24.8 20.5 30.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 45.435 ng

RT: 29.92 min Scan# 4567

Delta R.T. 0.00 min

Lab File: BG041797.D

Acq: 30 Jul 2019 10:49

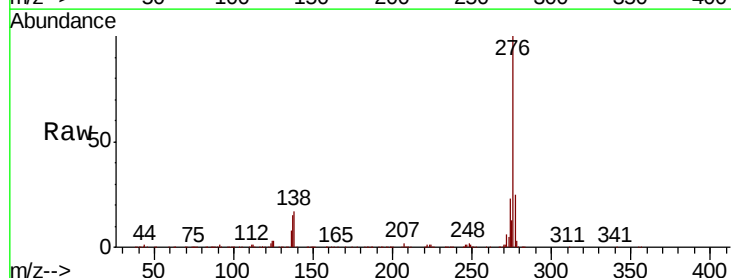
Tgt Ion:276 Resp: 1755754

Ion Ratio Lower Upper

276 100

277 24.7 19.8 29.8

138 17.4 16.6 25.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

