

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073019\
 Data File : BG041805.D
 Acq On : 30 Jul 2019 17:15
 Operator : HP/JU
 Sample : K3591-09
 Misc : MDL-WATER-8PPM
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 31 08:52:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 08:44:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	85167	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	372033	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	276748	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	640566	20.00	ng	0.00
76) Chrysene-d12	21.73	240	658366	20.00	ng	0.00
87) Perylene-d12	25.01	264	745522	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	433190	98.96	ng	0.00
7) Phenol-d6	7.19	99	594759	100.78	ng	0.00
23) Nitrobenzene-d5	9.21	82	460018	85.09	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	346210	110.14	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1288563	82.12	ng	0.00
79) Terphenyl-d14	20.07	244	2113716	73.47	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.47	88	17200	8.348	ng	92
3) Pyridine	3.88	79	35202	6.231	ng	89
4) n-Nitrosodimethylamine	3.78	42	15286	6.825	ng	# 100
6) Aniline	7.36	93	62725	7.548	ng	97
8) 2-Chlorophenol	7.60	128	40294	8.039	ng	91
9) Benzaldehyde	7.17	77	36683	8.834	ng	93
10) Phenol	7.22	94	49406	8.047	ng	94
11) bis(2-Chloroethyl)ether	7.45	93	39548	7.835	ng	95
12) 1,3-Dichlorobenzene	7.93	146	48078	7.349	ng	99
13) 1,4-Dichlorobenzene	8.08	146	49768	7.603	ng	97
14) 1,2-Dichlorobenzene	8.40	146	46795	7.492	ng	97
15) Benzyl Alcohol	8.28	79	35278	7.598	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.57	45	67028	7.464	ng	98
17) 2-Methylphenol	8.48	107	34728	7.778	ng	98
18) Hexachloroethane	9.14	117	16044	7.157	ng	# 81
19) n-Nitroso-di-n-propylamine	8.85	70	33575	7.836	ng	92
20) 3+4-Methylphenols	8.81	107	46037	7.535	ng	98
22) Acetophenone	8.87	105	64333	7.731	ng	# 93
24) Nitrobenzene	9.25	77	48652	8.542	ng	97
25) Isophorone	9.78	82	89745	7.631	ng	95
26) 2-Nitrophenol	9.97	139	22006	8.325	ng	93
27) 2,4-Dimethylphenol	10.02	122	39715	8.513	ng	95
28) bis(2-Chloroethoxy)methane	10.26	93	56115	7.636	ng	95
29) 2,4-Dichlorophenol	10.51	162	45122	7.942	ng	94
30) 1,2,4-Trichlorobenzene	10.73	180	55291	7.675	ng	98
31) Naphthalene	10.92	128	137610	8.082	ng	96
32) Benzoic acid	10.12	122	6676	2.320	ng	# 68
33) 4-Chloroaniline	11.02	127	60472	7.489	ng	94
34) Hexachlorobutadiene	11.22	225	36017	7.407	ng	92
35) Caprolactam	11.76	113	16322	8.267	ng	# 81
36) 4-Chloro-3-methylphenol	12.14	107	44356	7.875	ng	92
37) 2-Methylnaphthalene	12.53	142	112741	8.365	ng	99
38) 1-Methylnaphthalene	12.53	142	112741	8.827	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	72025	8.222	ng	# 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	34906	7.087	ng	99
43) 2,4,6-Trichlorophenol	13.13	196	40517	7.318	ng	100
44) 2,4,5-Trichlorophenol	13.20	196	47131	8.191	ng	# 95
46) 1,1'-Biphenyl	13.53	154	146999	8.263	ng	96
47) 2-Chloronaphthalene	13.57	162	118795	7.843	ng	94
48) 2-Nitroaniline	13.77	65	29194	7.600	ng	86
49) Acenaphthylene	14.42	152	193395	8.536	ng	94
50) Dimethylphthalate	14.15	163	157422	8.329	ng	96
51) 2,6-Dinitrotoluene	14.26	165	34806	8.807	ng	# 88
52) Acenaphthene	14.77	154	114987	7.803	ng	96
53) 3-Nitroaniline	14.59	138	32062	7.583	ng	93
54) 2,4-Dinitrophenol	14.80	184	7459	3.952	ng	92
55) Dibenzofuran	15.10	168	198779	8.819	ng	92
56) 4-Nitrophenol	14.89	139	23089	7.194	ng	93
57) 2,4-Dinitrotoluene	15.05	165	43823	8.063	ng	99
58) Fluorene	15.75	166	157698	8.718	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.32	232	43643	7.658	ng	96
60) Diethylphthalate	15.51	149	157618	8.494	ng	97
61) 4-Chlorophenyl-phenylether	15.74	204	89054	8.065	ng	97
62) 4-Nitroaniline	15.75	138	38356	8.375	ng	98
63) Azobenzene	16.03	77	127074	8.383	ng	94
65) 4,6-Dinitro-2-methylphenol	15.82	198	19453	6.924	ng	86
66) n-Nitrosodiphenylamine	15.95	169	141740	8.123	ng	96
67) 4-Bromophenyl-phenylether	16.64	248	59700	7.566	ng	92
68) Hexachlorobenzene	16.76	284	61082	7.400	ng	95
69) Atrazine	16.90	200	54318	7.923	ng	99
70) Pentachlorophenol	17.10	266	26098	5.565	ng	93
71) Phenanthrene	17.49	178	268270	8.737	ng	92
72) Anthracene	17.59	178	273776	8.940	ng	92
73) Carbazole	17.85	167	240491	8.750	ng	93
74) Di-n-butylphthalate	18.42	149	272084	8.732	ng	# 92
75) Fluoranthene	19.50	202	343909	9.215	ng	90
77) Benzidine	19.68	184	148669	6.918	ng	97
78) Pyrene	19.87	202	353034	9.050	ng	# 88
80) Butylbenzylphthalate	20.75	149	113076	7.561	ng	91
81) Benzo(a)anthracene	21.78	228	320531	8.229	ng	92
82) 3,3'-Dichlorobenzidine	21.63	252	128283	8.203	ng	96
83) Chrysene	21.78	228	320531	8.585	ng	89
84) Bis(2-ethylhexyl)phthalate	21.63	149	167799	8.134	ng	96
85) Di-n-octyl phthalate	22.87	149	276324	7.959	ng	# 90
86) Indeno(1,2,3-cd)pyrene	28.74	276	373086	7.548	ng	# 89
88) Benzo(b)fluoranthene	23.97	252	338215	8.293	ng	# 95
89) Benzo(k)fluoranthene	24.04	252	331938	8.355	ng	# 92
90) Benzo(a)pyrene	24.85	252	327627	8.376	ng	# 94
91) Dibenzo(a,h)anthracene	28.81	278	309384	8.056	ng	# 95
92) Benzo(g,h,i)perylene	29.90	276	299500	7.805	ng	# 93

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.04 min Scan# 843

Delta R.T. -0.00 min

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ClientSampleId :

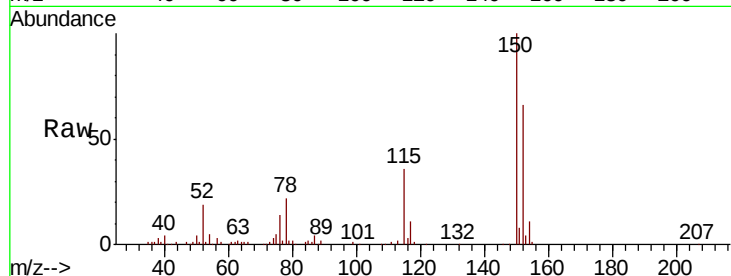
Tot Ion:152 Resp: 85167

Ion Ratio Lower Upper

152 100

150 152.4 126.9 190.3

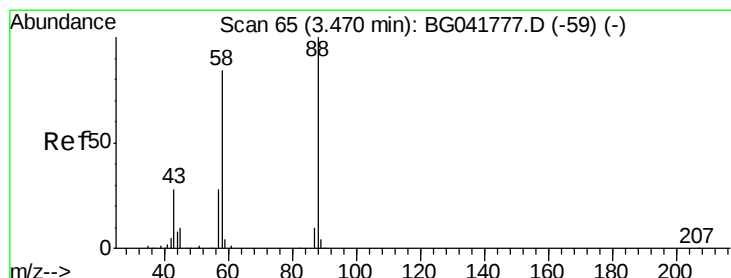
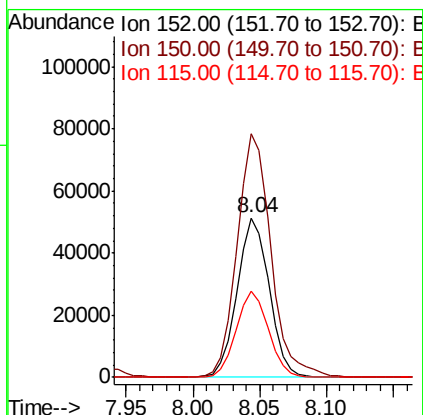
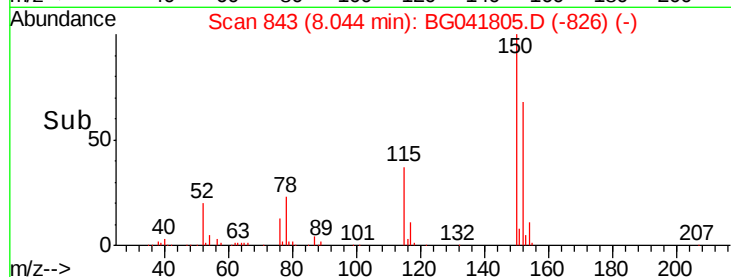
115 54.1 45.0 67.6



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: 8.348 ng

RT: 3.47 min Scan# 64

Delta R.T. -0.00 min

Lab File: BG041805.D

Acq: 30 Jul 2019 17:15

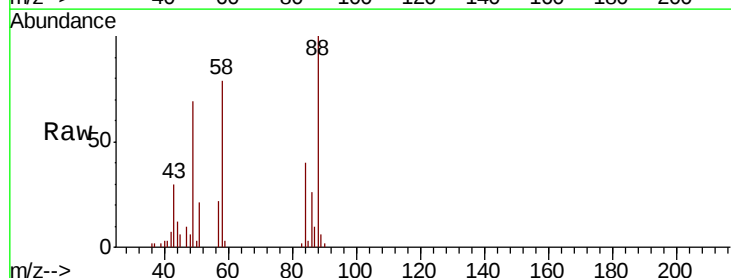
Tgt Ion: 88 Resp: 17200

Ion Ratio Lower Upper

88 100

58 85.6 76.2 114.2

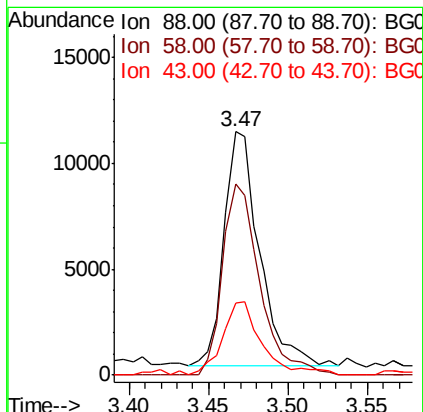
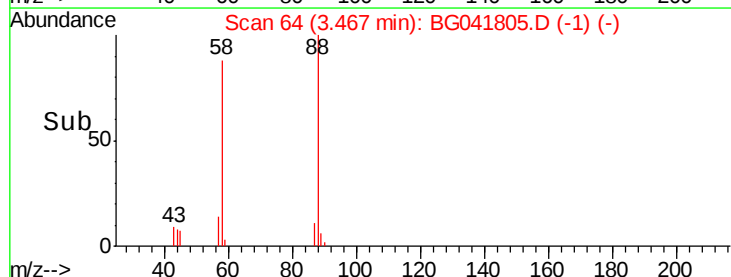
43 34.7 27.2 40.8



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

Pvridine

Concen: 6.231 ng

RT: 3.88 min Scan# 134

Delta R.T. 0.00 min

Lab File: BG041805.D

Acq: 30 Jul 2019 17:15

Instrument :

BNA_G

ClientSampleId :

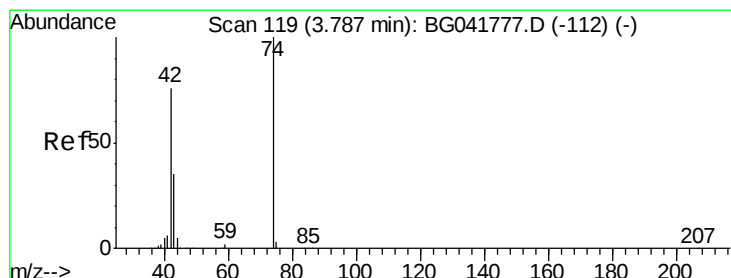
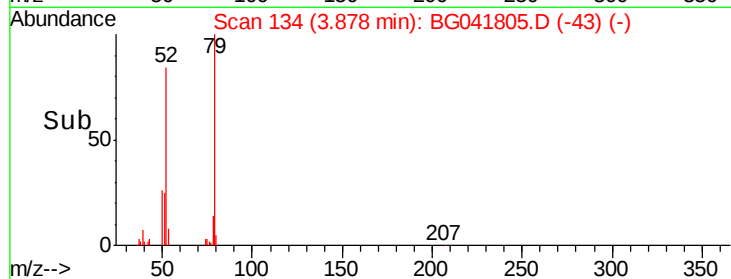
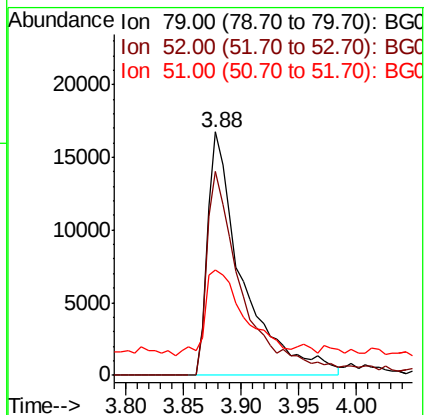
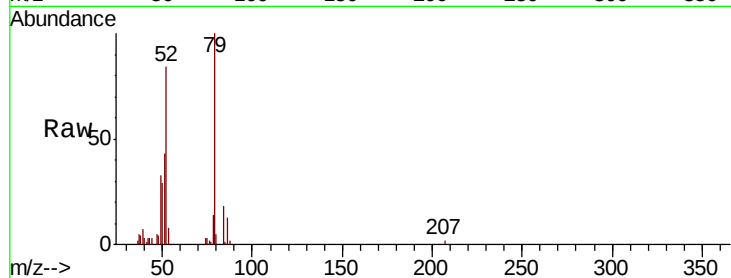
Tot Ion: 79 Resp: 35202

Ion Ratio Lower Upper

79 100

52 83.6 77.1 115.7

51 43.3 37.8 56.8



#4

n-Nitrosodimethylamine

Concen: 6.825 ng

RT: 3.78 min Scan# 118

Delta R.T. -0.00 min

Lab File: BG041805.D

Acq: 30 Jul 2019 17:15

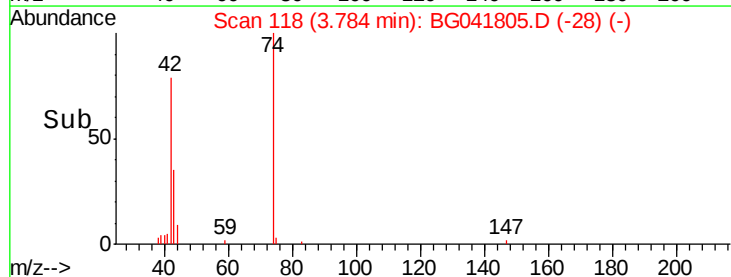
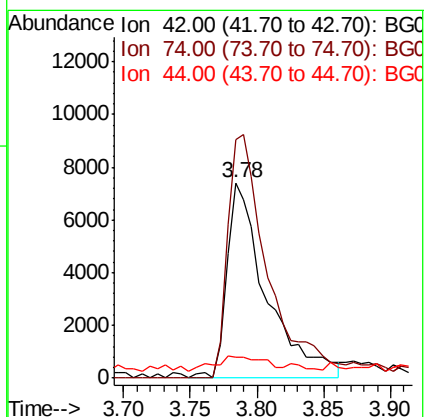
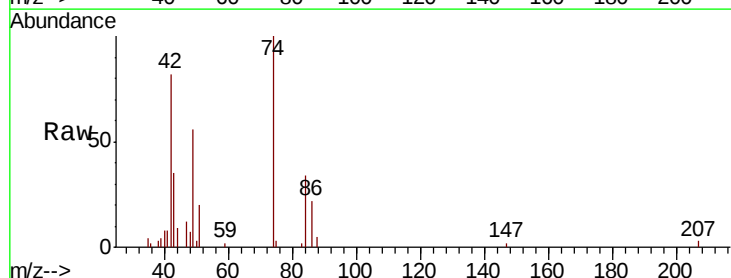
Tgt Ion: 42 Resp: 15286

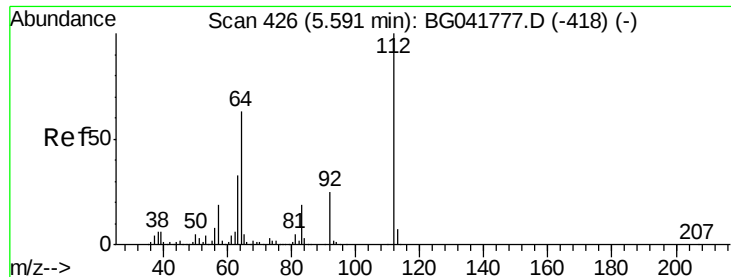
Ion Ratio Lower Upper

42 100

74 121.9 97.4 146.2

44 10.5 6.6 9.8#





#5

2-Fluorophenol

Concen: 98.961 ng

RT: 5.59 min Scan# 425

Delta R.T. -0.00 min

Lab File: BG041805.D

Acq: 30 Jul 2019 17:15

Instrument :

BNA_G

ClientSampleId :

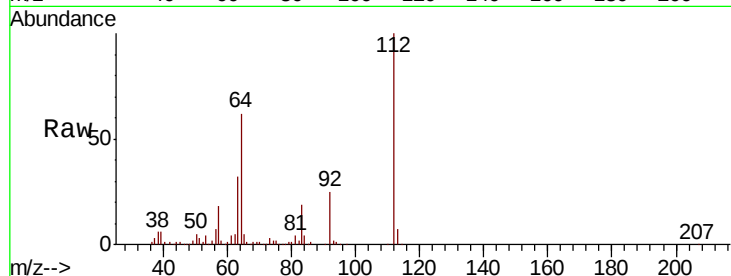
Tot Ion:112 Resp: 433190

Ion Ratio Lower Upper

112 100

64 61.6 55.4 83.2

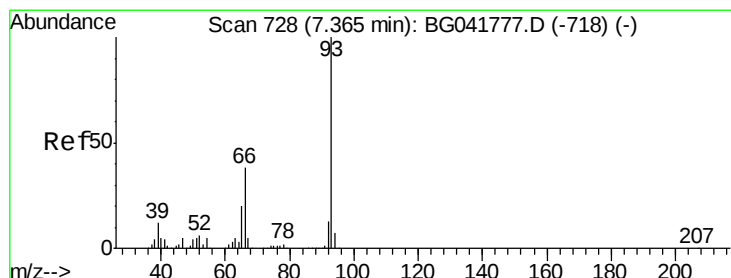
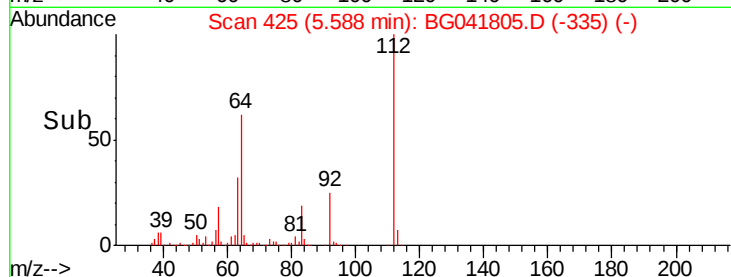
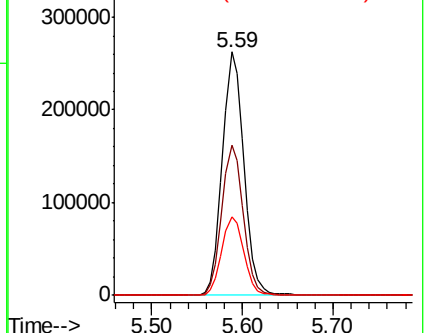
63 32.4 29.1 43.7



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 7.548 ng

RT: 7.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BG041805.D

Acq: 30 Jul 2019 17:15

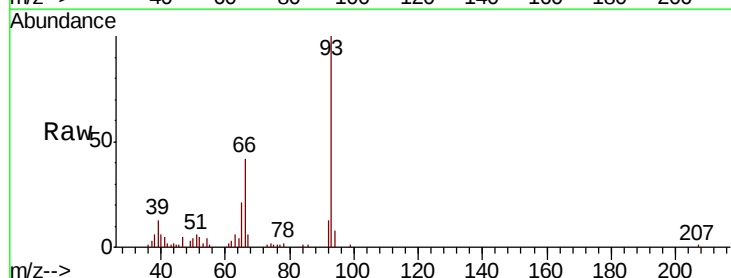
Tgt Ion: 93 Resp: 62725

Ion Ratio Lower Upper

93 100

66 41.6 34.2 51.2

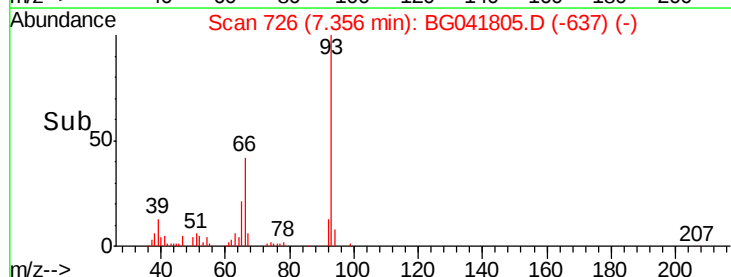
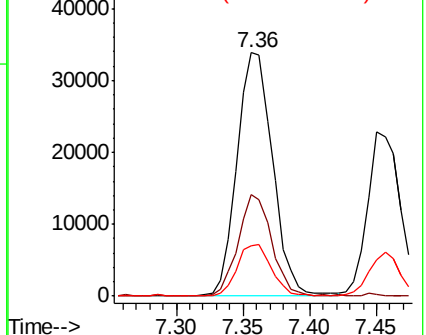
65 20.6 18.2 27.2

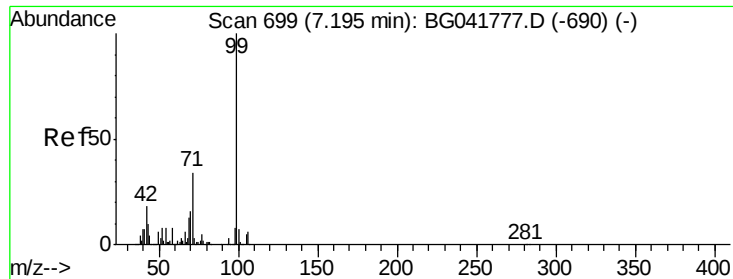


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 100.783 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG041805.D

Acq: 30 Jul 2019 17:15

Instrument :

BNA_G

ClientSampleId :

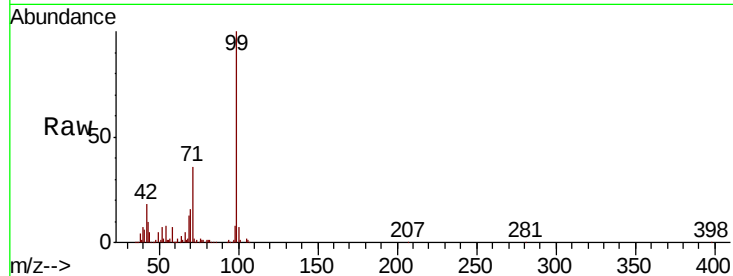
Tot Ion: 99 Resp: 594759

Ion Ratio Lower Upper

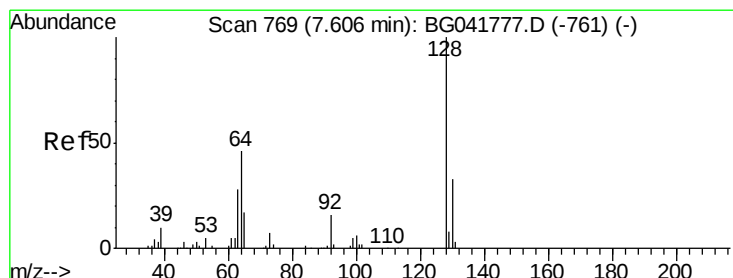
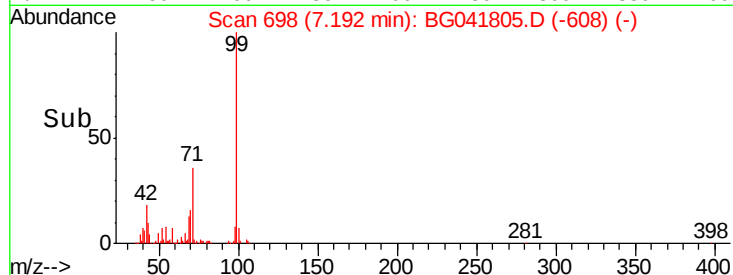
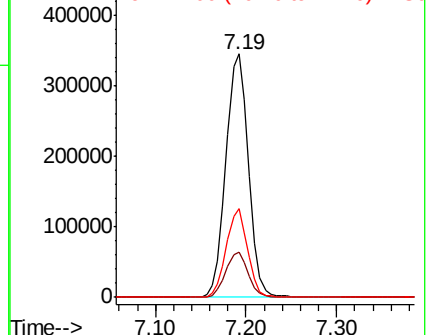
99 100

42 18.4 17.6 26.4

71 36.3 27.8 41.6



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



#8

2-Chlorophenol

Concen: 8.039 ng

RT: 7.60 min Scan# 768

Delta R.T. -0.00 min

Lab File: BG041805.D

Acq: 30 Jul 2019 17:15

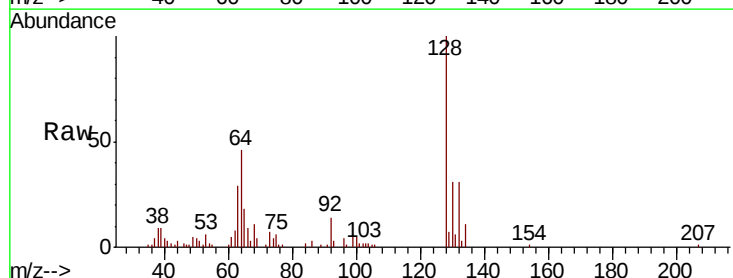
Tgt Ion:128 Resp: 40294

Ion Ratio Lower Upper

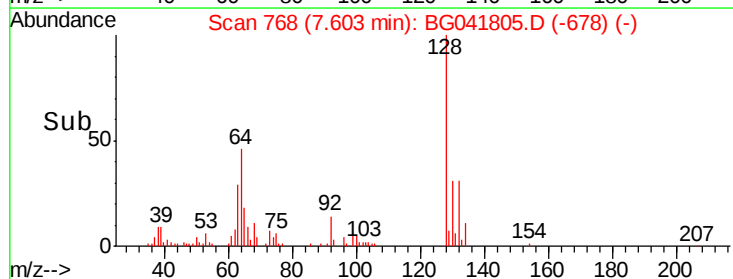
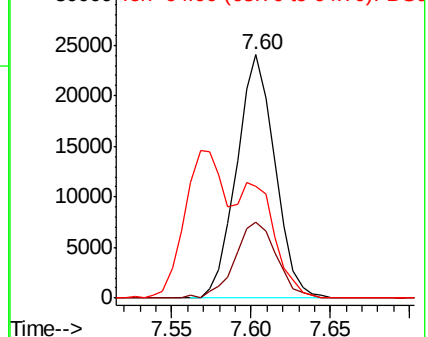
128 100

130 31.0 12.4 52.4

64 46.1 34.9 74.9



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





#9

Benzaldehyde

Concen: 8.834 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG041805.D

Acq: 30 Jul 2019 17:15

Instrument :

BNA_G

ClientSampleId :

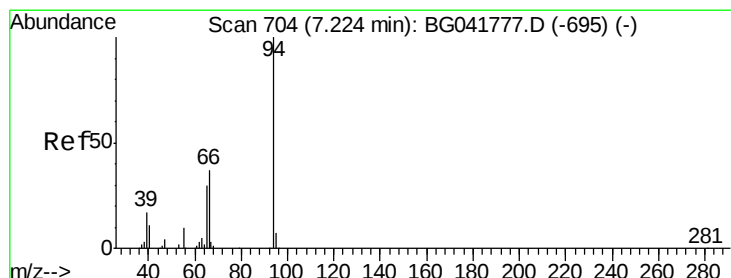
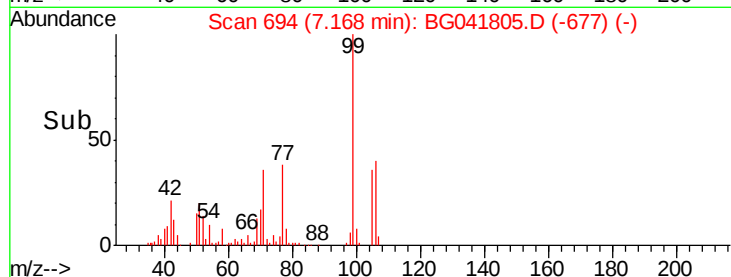
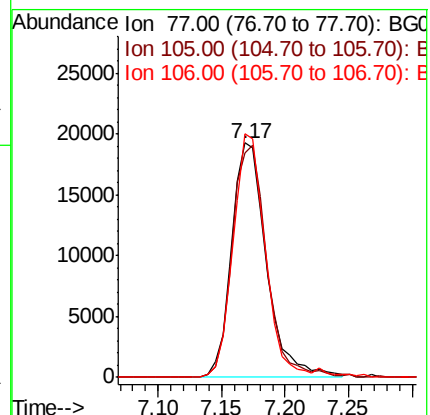
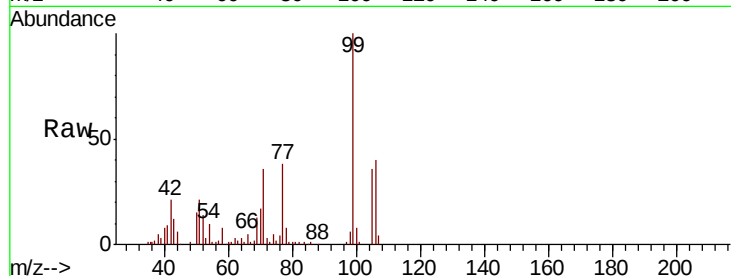
Tot Ion: 77 Resp: 36683

Ion Ratio Lower Upper

77 100

105 95.6 74.6 114.6

106 103.9 71.1 111.1



#10

Phenol

Concen: 8.047 ng

RT: 7.22 min Scan# 702

Delta R.T. -0.01 min

Lab File: BG041805.D

Acq: 30 Jul 2019 17:15

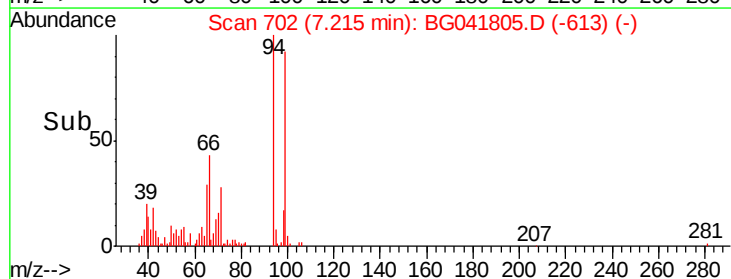
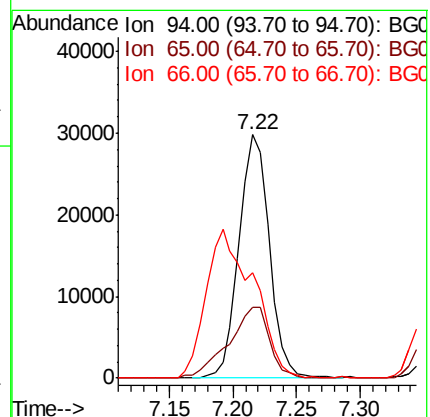
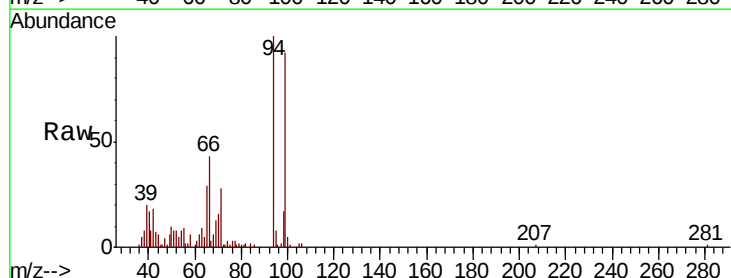
Tgt Ion: 94 Resp: 49406

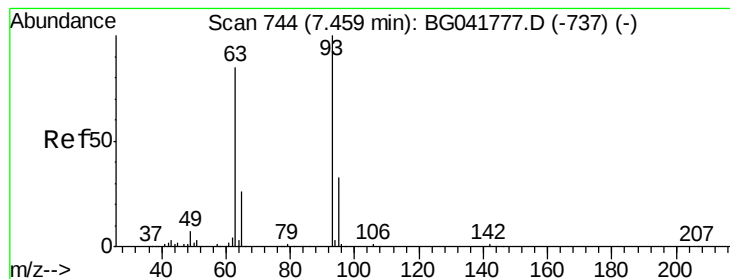
Ion Ratio Lower Upper

94 100

65 29.2 10.6 50.6

66 43.4 18.2 58.2





#11

bis(2-Chloroethyl)ether

Concen: 7.835 ng

RT: 7.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BG041805.D

Acq: 30 Jul 2019 17:15

Instrument :

BNA_G

ClientSampled :

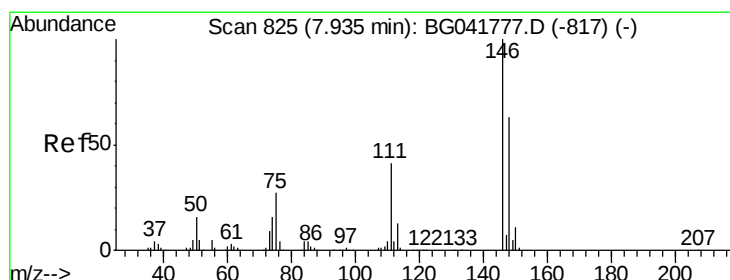
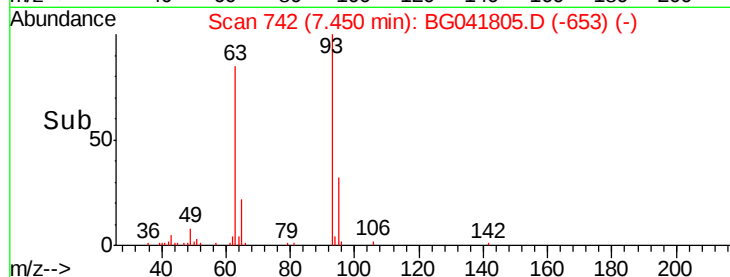
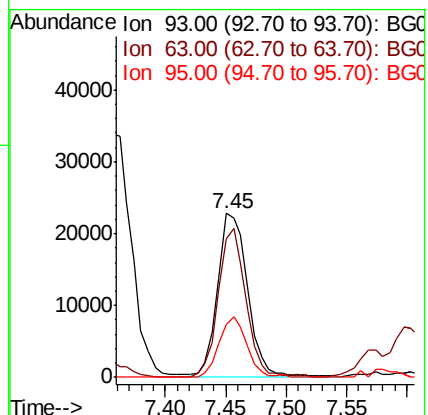
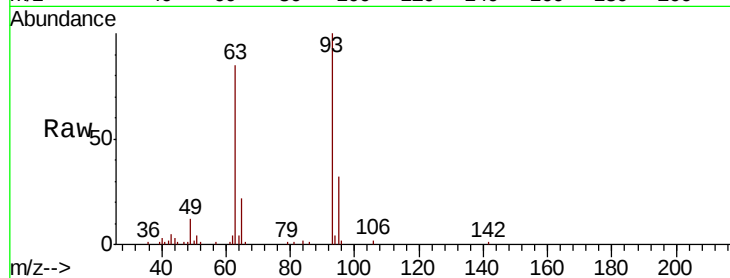
Tot Ion: 93 Resp: 39548

Ion Ratio Lower Upper

93 100

63 85.0 70.4 110.4

95 32.1 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 7.349 ng

RT: 7.93 min Scan# 824

Delta R.T. -0.00 min

Lab File: BG041805.D

Acq: 30 Jul 2019 17:15

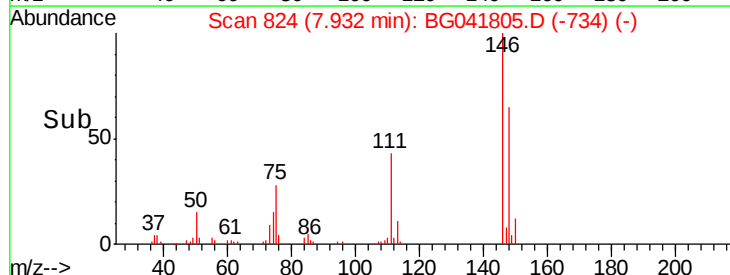
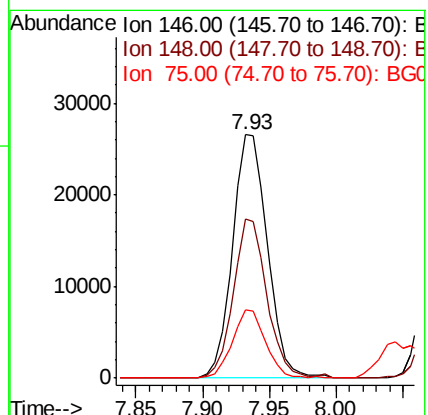
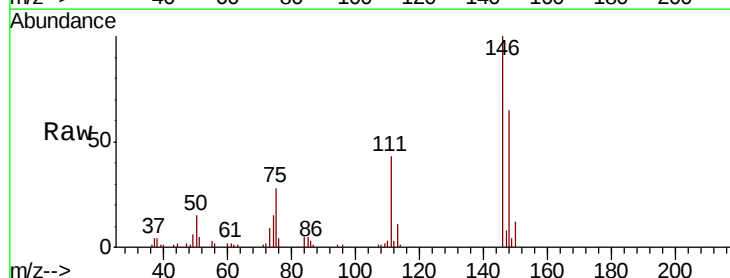
Tgt Ion: 146 Resp: 48078

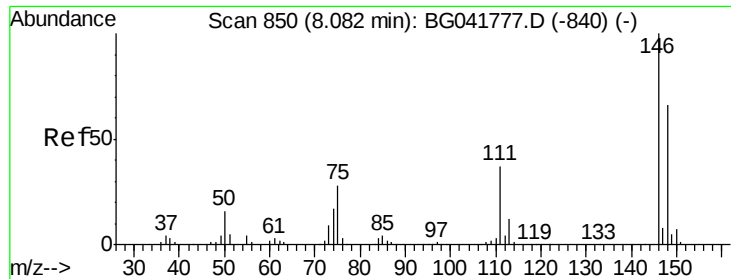
Ion Ratio Lower Upper

146 100

148 65.2 51.5 77.3

75 27.9 23.2 34.8

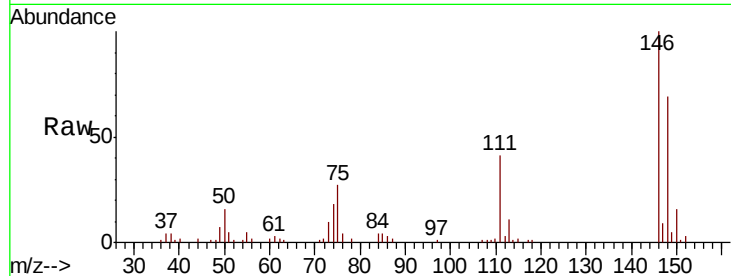




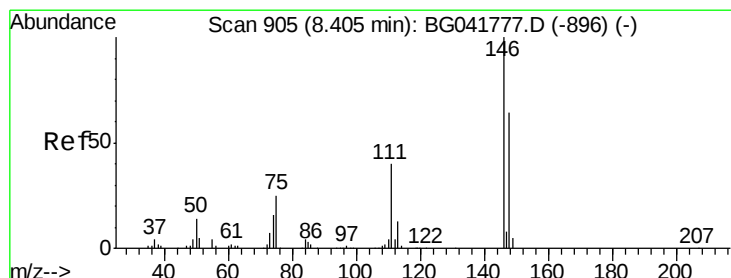
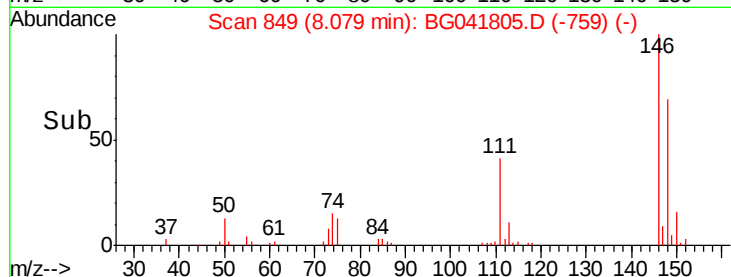
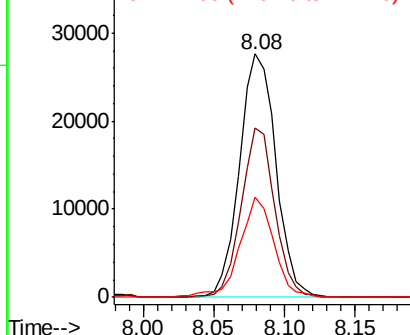
#13
 1,4-Dichlorobenzene
 Concen: 7.603 ng
 RT: 8.08 min Scan# 849
 Delta R.T. -0.00 min
 Lab File: BG041805.D
 Acq: 30 Jul 2019 17:15

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 49768
 Ion Ratio Lower Upper
 146 100
 148 69.3 52.6 79.0
 111 41.4 32.5 48.7

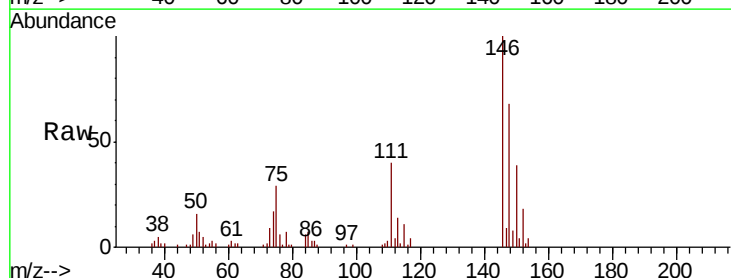


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

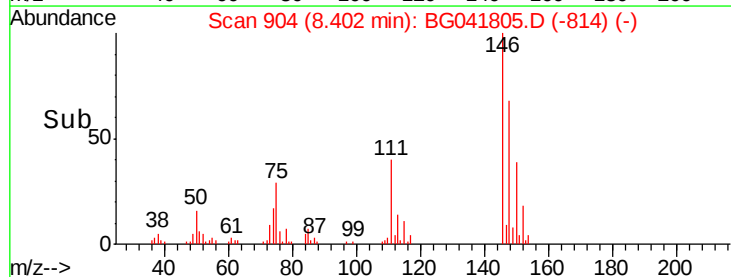
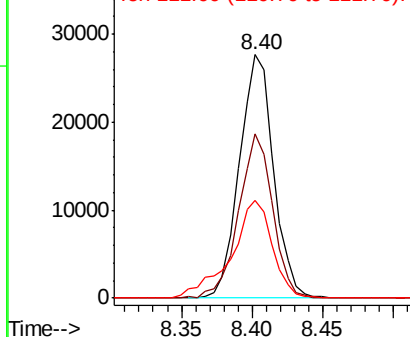


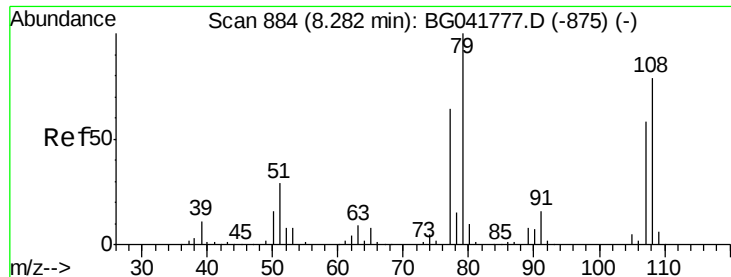
#14
 1,2-Dichlorobenzene
 Concen: 7.492 ng
 RT: 8.40 min Scan# 904
 Delta R.T. -0.00 min
 Lab File: BG041805.D
 Acq: 30 Jul 2019 17:15

Tgt Ion:146 Resp: 46795
 Ion Ratio Lower Upper
 146 100
 148 67.6 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: 7.598 ng

RT: 8.28 min Scan# 883

Delta R.T. -0.00 min

Lab File: BG041805.D

Acq: 30 Jul 2019 17:15

Instrument :

BNA_G

ClientSampled :

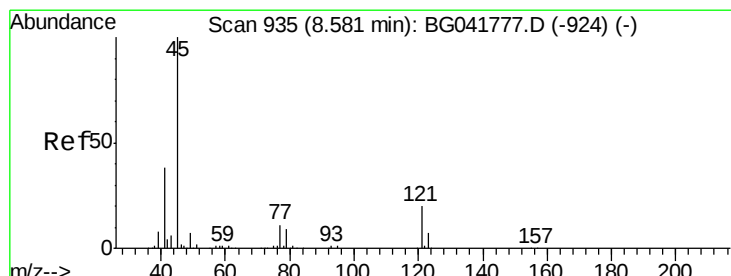
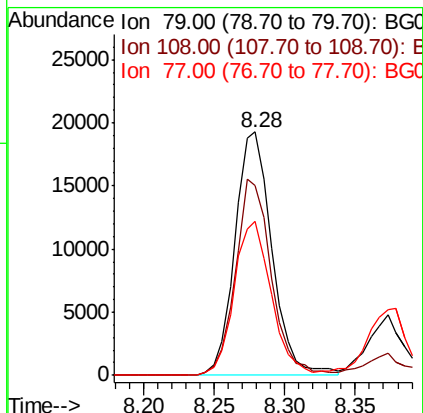
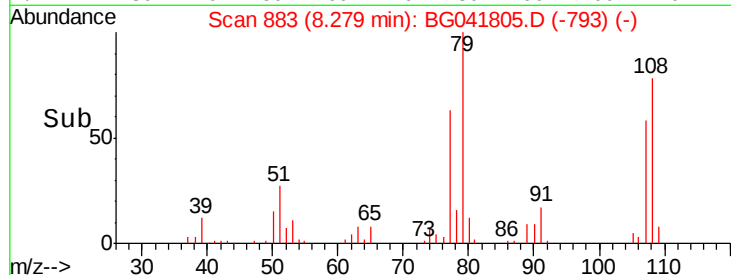
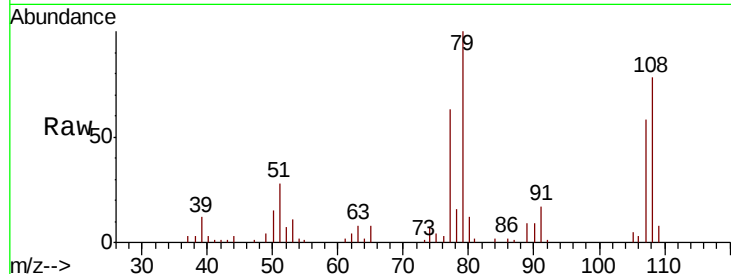
Tot Ion: 79 Resp: 35278

Ion Ratio Lower Upper

79 100

108 78.0 60.5 90.7

77 63.4 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 7.464 ng

RT: 8.57 min Scan# 933

Delta R.T. -0.01 min

Lab File: BG041805.D

Acq: 30 Jul 2019 17:15

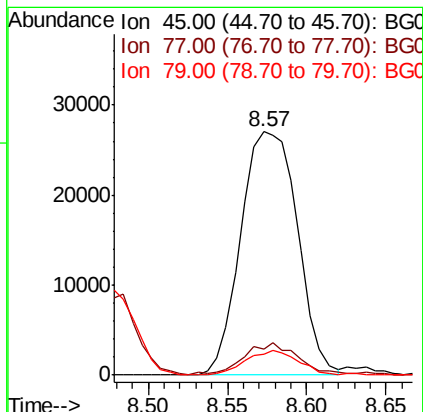
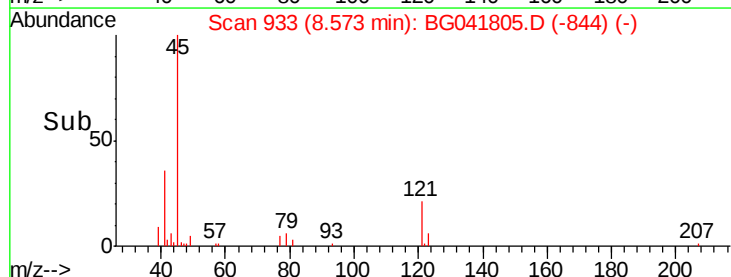
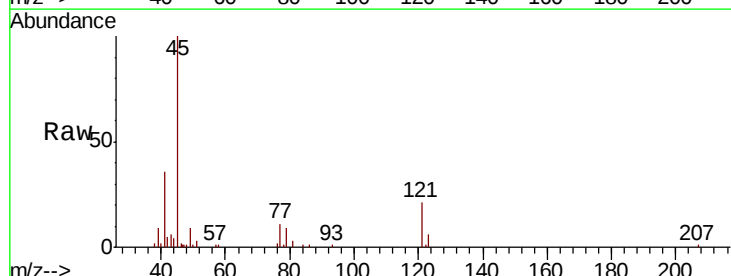
Tgt Ion: 45 Resp: 67028

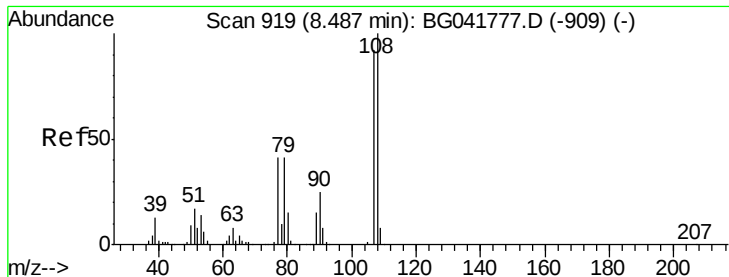
Ion Ratio Lower Upper

45 100

77 10.7 0.0 30.4

79 8.7 0.0 27.9





#17

2-Methylphenol

Concen: 7.778 ng

RT: 8.48 min Scan# 918

Delta R.T. -0.00 min

Lab File: BG041805.D

Acq: 30 Jul 2019 17:15

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 34728

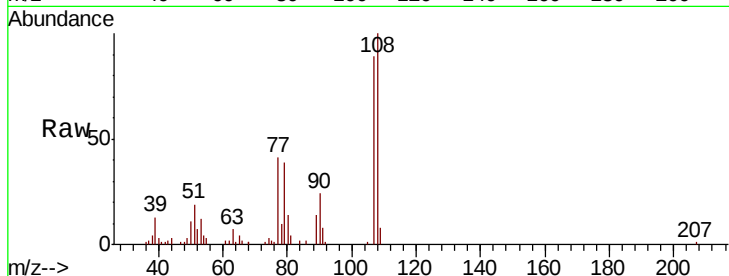
Ion Ratio Lower Upper

107 100

108 111.8 87.6 131.4

77 45.8 36.1 54.1

79 43.3 36.4 54.6



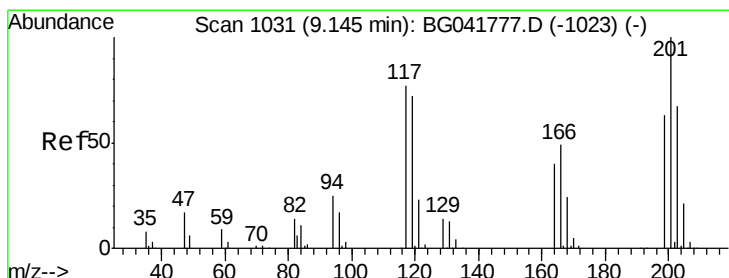
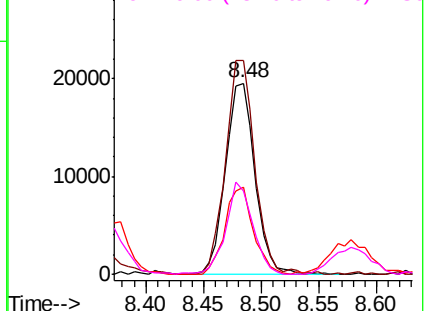
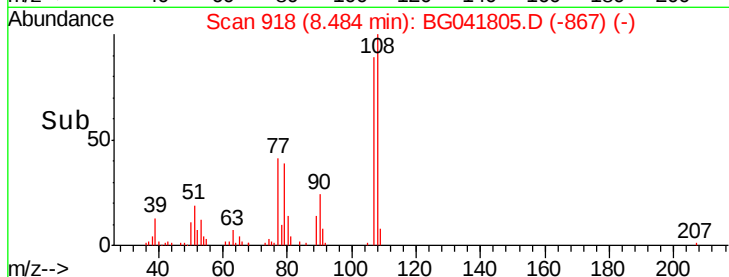
Abundance

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: 7.157 ng

RT: 9.14 min Scan# 1030

Delta R.T. -0.00 min

Lab File: BG041805.D

Acq: 30 Jul 2019 17:15

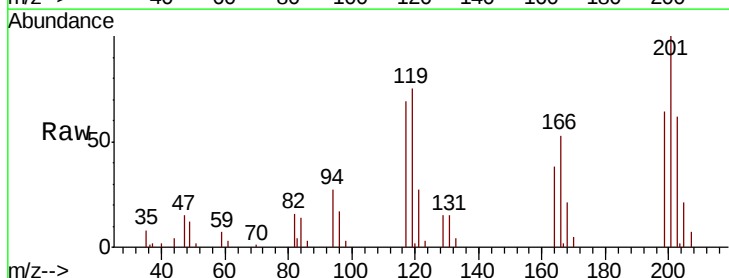
Tgt Ion:117 Resp: 16044

Ion Ratio Lower Upper

117 100

119 107.3 76.2 114.2

201 143.9 94.1 141.1#

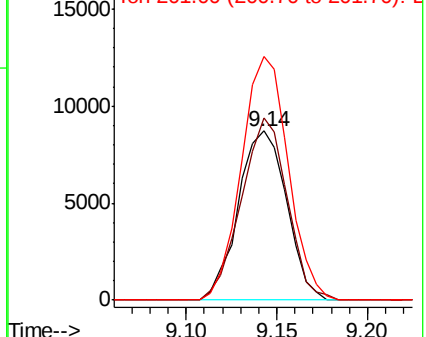
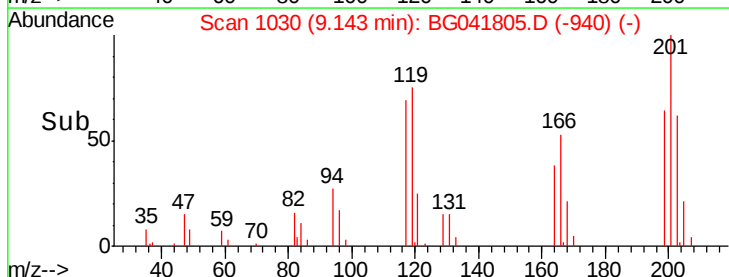


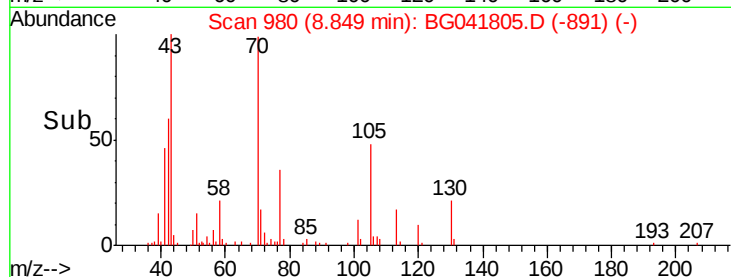
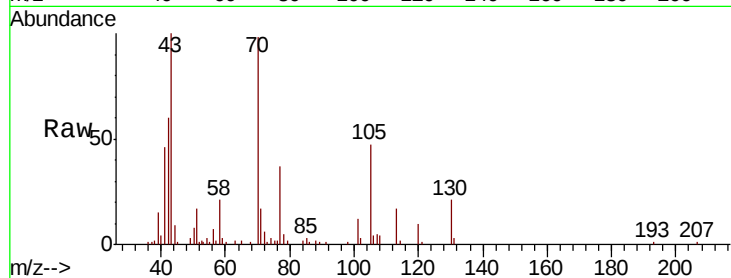
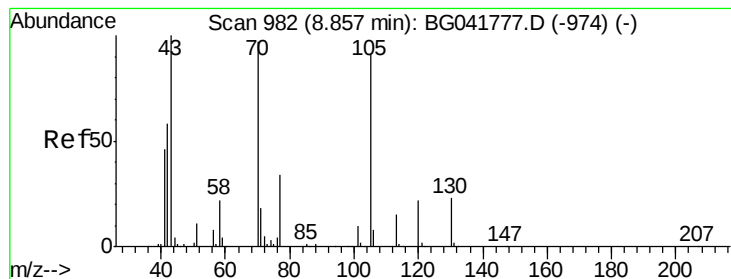
Abundance

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: 7.836 ng

RT: 8.85 min Scan# 980

Delta R.T. -0.01 min

Lab File: BG041805.D

Acq: 30 Jul 2019 17:15

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 33575

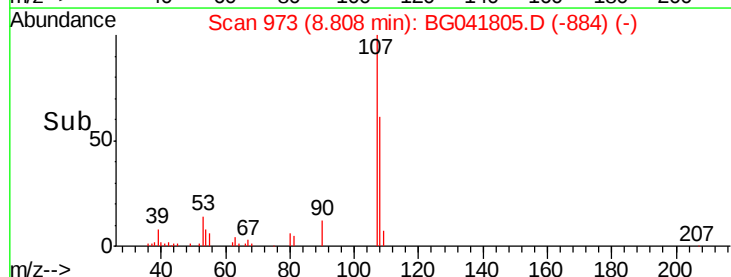
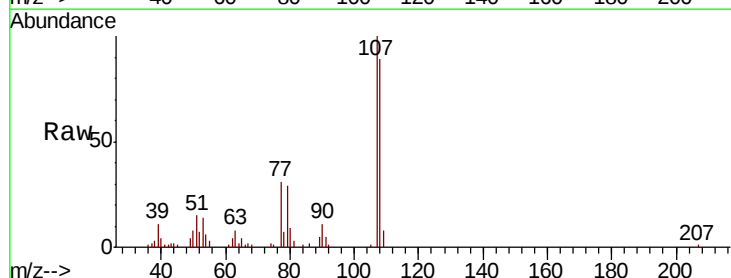
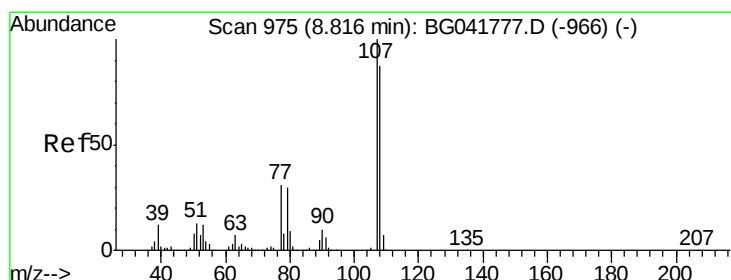
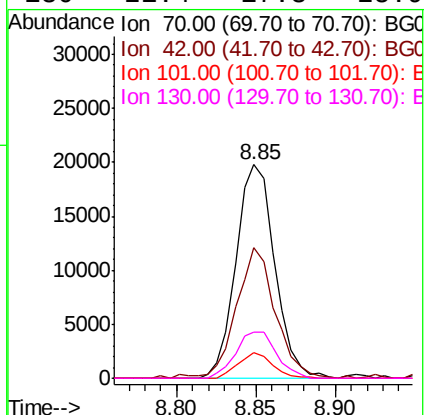
Ion Ratio Lower Upper

70 100

42 61.2 55.8 83.6

101 11.9 8.1 12.1

130 21.4 17.3 25.9



#20

3+4-Methylphenols

Concen: 7.535 ng

RT: 8.81 min Scan# 973

Delta R.T. -0.01 min

Lab File: BG041805.D

Acq: 30 Jul 2019 17:15

Tgt Ion: 107 Resp: 46037

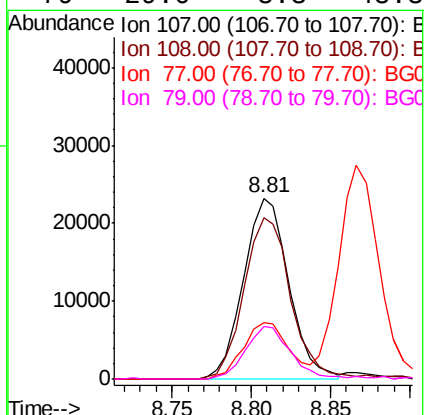
Ion Ratio Lower Upper

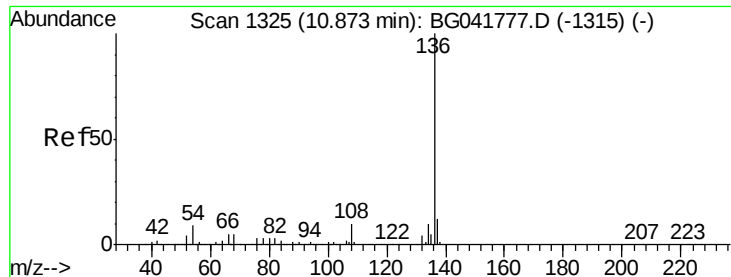
107 100

108 89.0 67.5 107.5

77 31.0 12.3 52.3

79 29.0 8.3 48.3

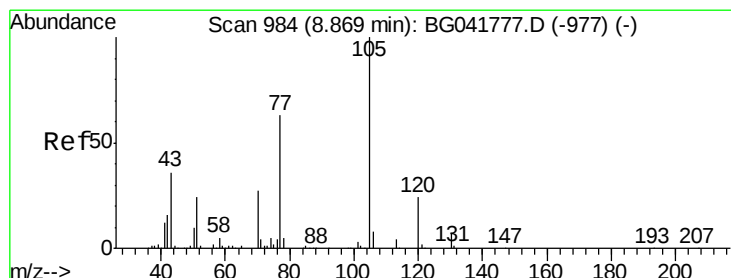
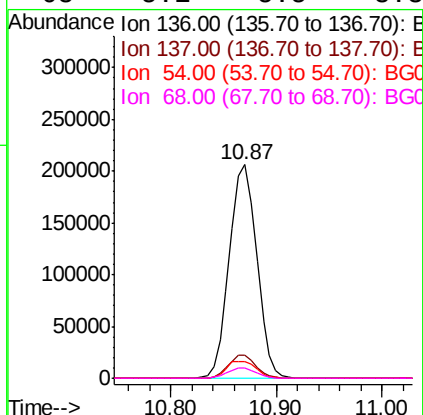
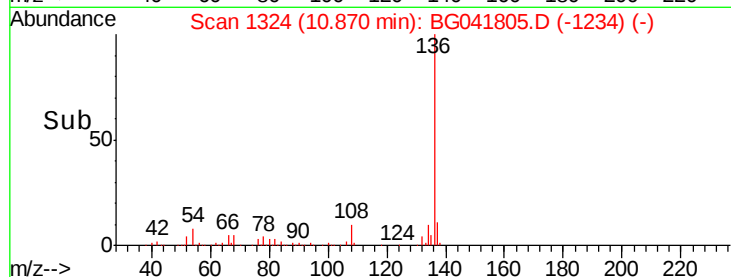
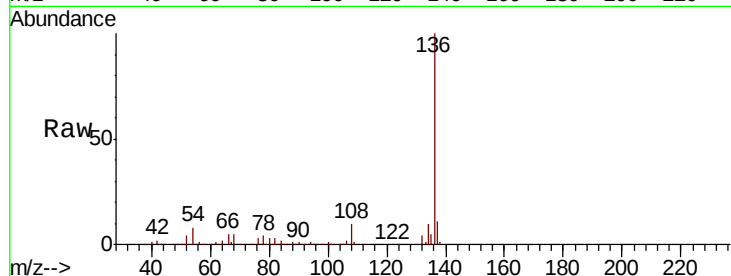




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BG041805.D
Acq: 30 Jul 2019 17:15

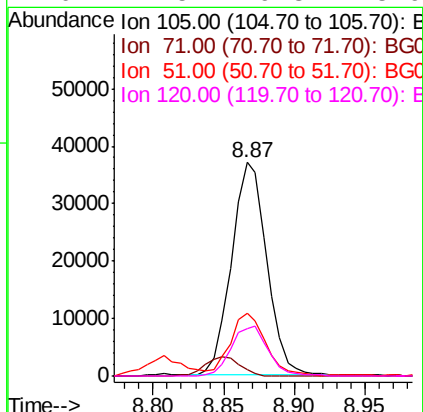
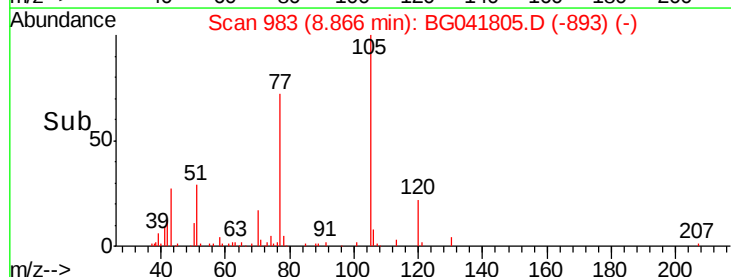
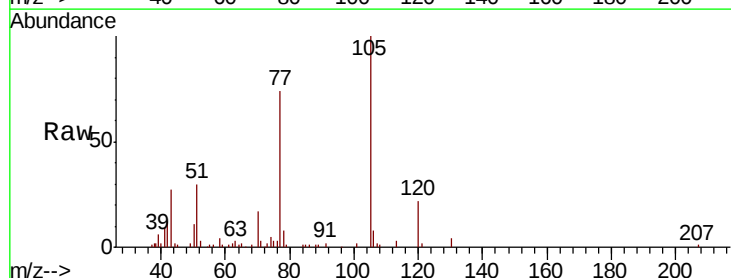
Instrument :
BNA_G
ClientSampleId :

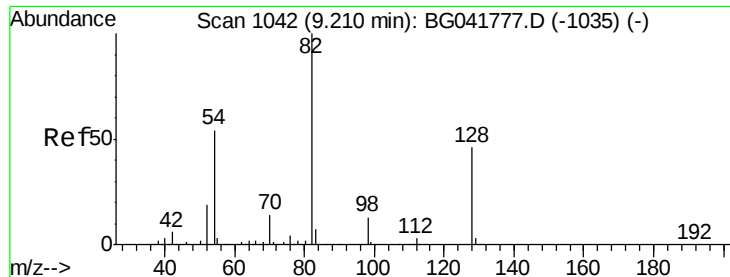
Tot Ion:136	Resp:	372033
Ion Ratio	Lower	Upper
136 100		
137 10.9	9.2	13.8
54 7.7	8.7	13.1#
68 5.1	5.5	8.3#



#22
Acetophenone
Concen: 7.731 ng
RT: 8.87 min Scan# 983
Delta R.T. -0.00 min
Lab File: BG041805.D
Acq: 30 Jul 2019 17:15

Tgt	Ion:105	Resp:	64333
Ion	Ratio	Lower	Upper
105	100		
71	3.0	5.9	8.9#
51	29.6	27.7	41.5
120	22.5	19.3	28.9

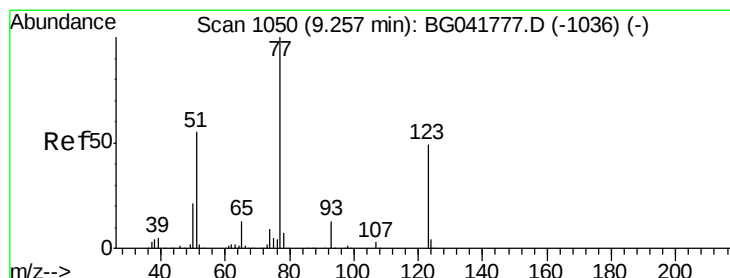
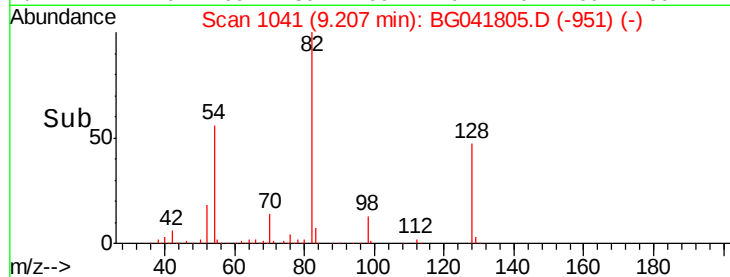
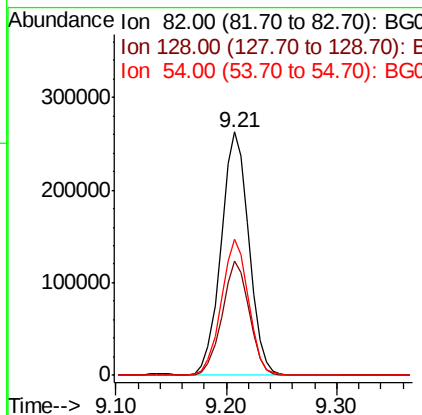
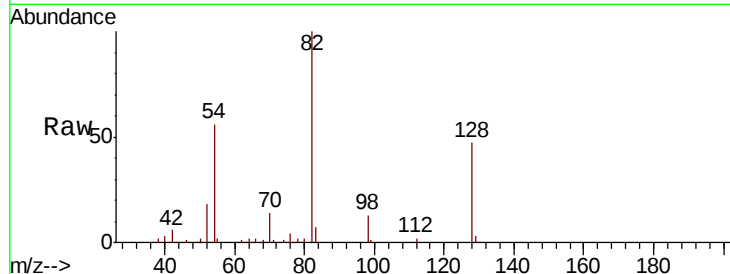




#23
 Nitrobenzene-d5
 Concen: 85.091 ng
 RT: 9.21 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BG041805.D
 Acq: 30 Jul 2019 17:15

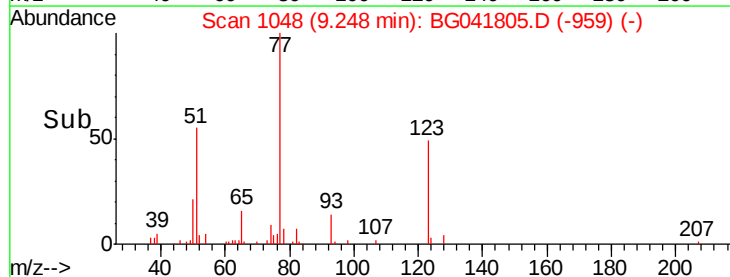
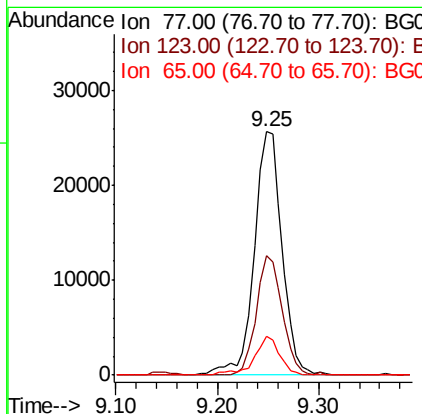
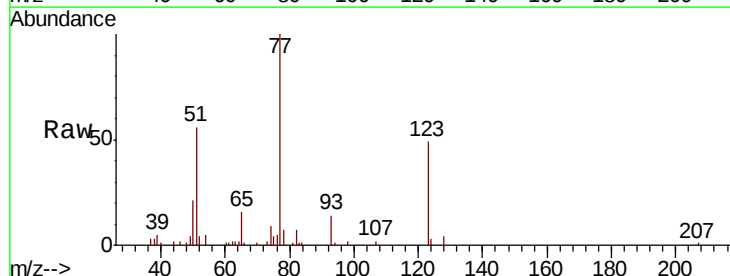
Instrument :
 BNA_G
 ClientSampleId :

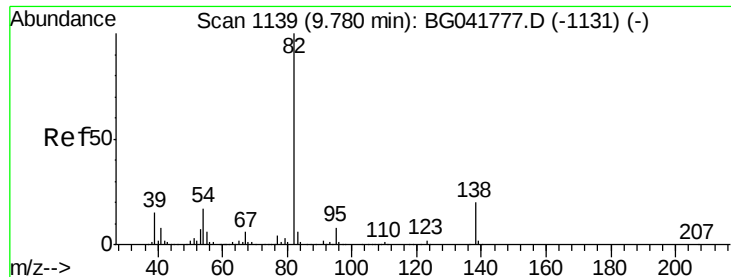
Tot Ion	Ratio	Lower	Upper
82	100		
128	47.2	35.1	52.7
54	55.8	48.7	73.1



#24
 Nitrobenzene
 Concen: 8.542 ng
 RT: 9.25 min Scan# 1048
 Delta R.T. -0.01 min
 Lab File: BG041805.D
 Acq: 30 Jul 2019 17:15

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.0	38.1	57.1
65	16.0	11.0	16.6





#25

Isophorone

Concen: 7.631 ng

RT: 9.78 min Scan# 1138

Delta R.T. -0.00 min

Lab File: BG041805.D

Acq: 30 Jul 2019 17:15

Instrument :

BNA_G

ClientSampleId :

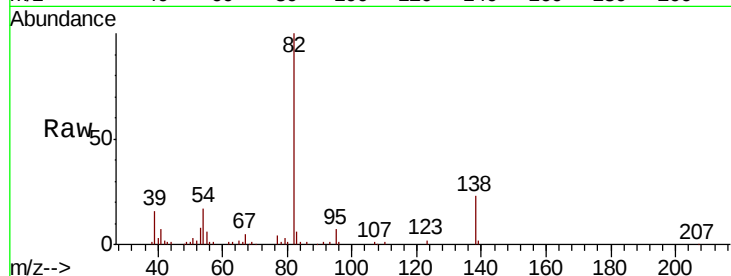
Tot Ion: 82 Resp: 89745

Ion Ratio Lower Upper

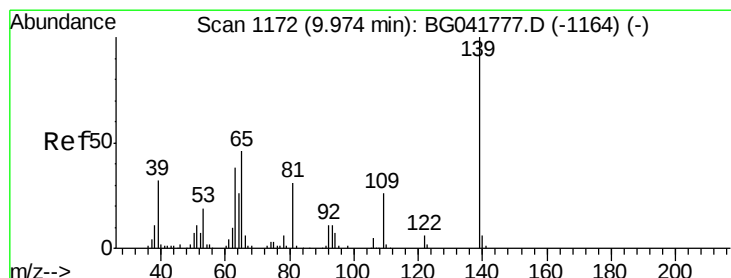
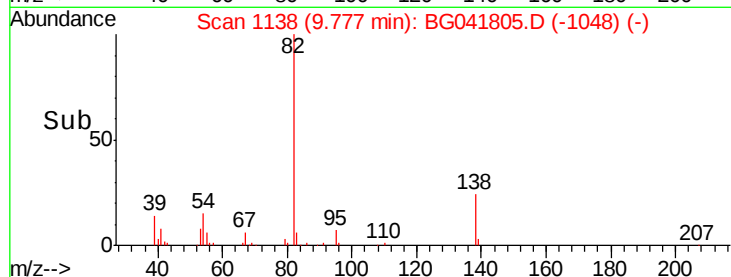
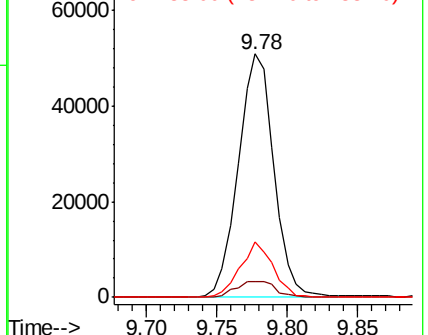
82 100

95 6.5 5.9 8.9

138 22.9 16.3 24.5



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



#26

2-Nitrophenol

Concen: 8.325 ng

RT: 9.97 min Scan# 1171

Delta R.T. -0.00 min

Lab File: BG041805.D

Acq: 30 Jul 2019 17:15

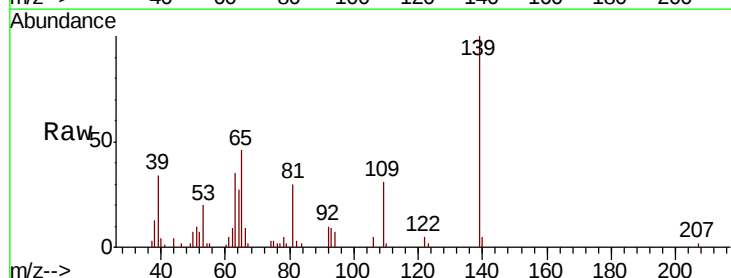
Tgt Ion: 139 Resp: 22006

Ion Ratio Lower Upper

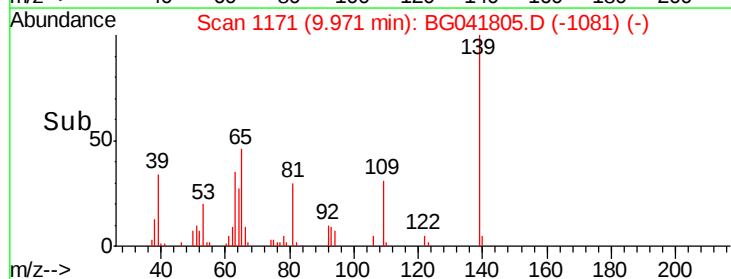
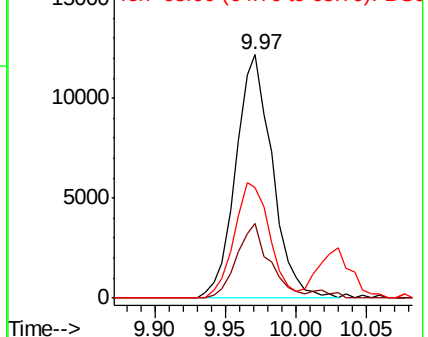
139 100

109 30.7 22.7 34.1

65 45.5 41.1 61.7



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

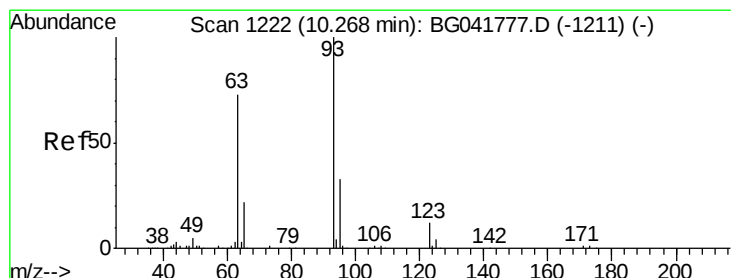
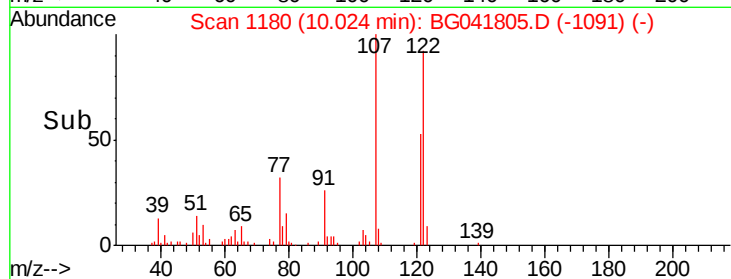
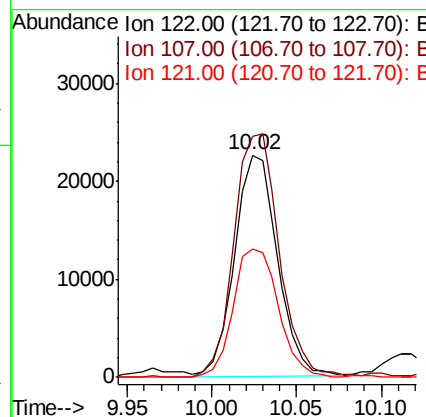
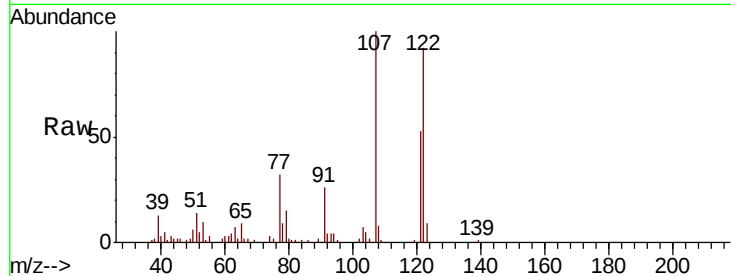




#27
 2,4-Dimethylphenol
 Concen: 8.513 ng
 RT: 10.02 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BG041805.D
 Acq: 30 Jul 2019 17:15

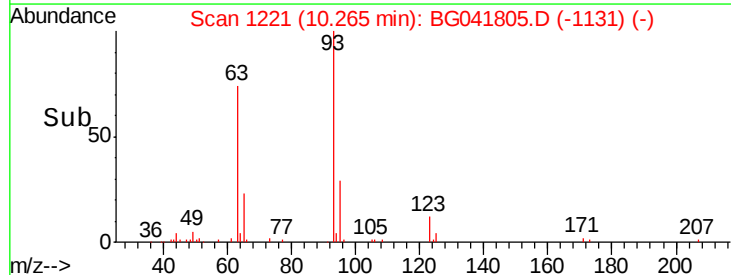
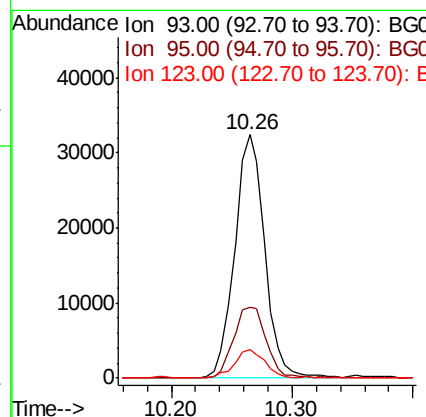
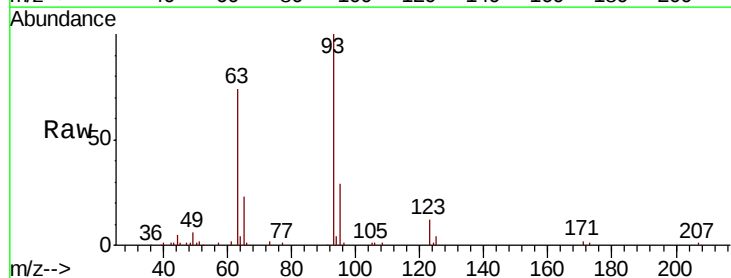
Instrument :
 BNA_G
 ClientSampleId :

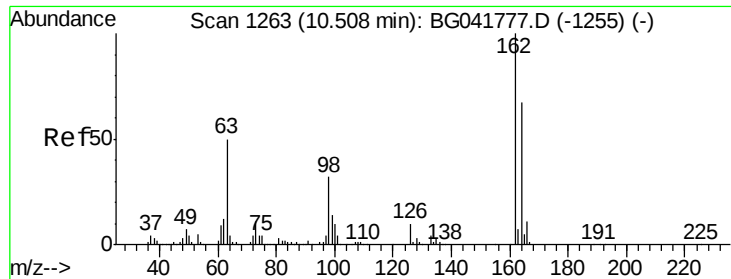
Tot Ion	Ratio	Lower	Upper
122	100		
107	108.5	91.3	136.9
121	57.8	49.2	73.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 7.636 ng
 RT: 10.26 min Scan# 1221
 Delta R.T. -0.00 min
 Lab File: BG041805.D
 Acq: 30 Jul 2019 17:15

Tgt Ion	Ratio	Lower	Upper
93	100		
95	29.2	26.2	39.4
123	11.8	9.9	14.9

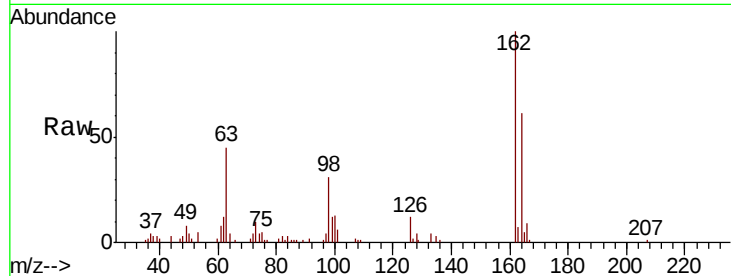




#29
2,4-Dichlorophenol
Concen: 7.942 ng
RT: 10.51 min Scan# 1262
Delta R.T. -0.00 min
Lab File: BG041805.D
Acq: 30 Jul 2019 17:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	61.4	46.1	86.1
98	30.7	14.7	54.7

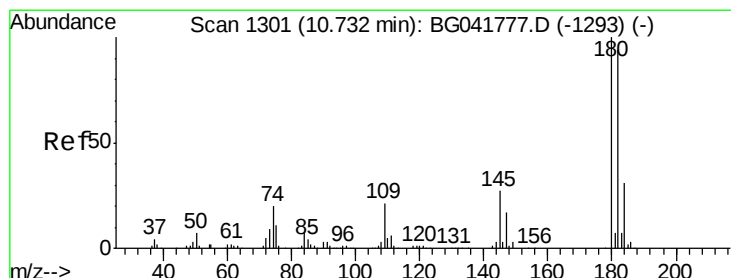
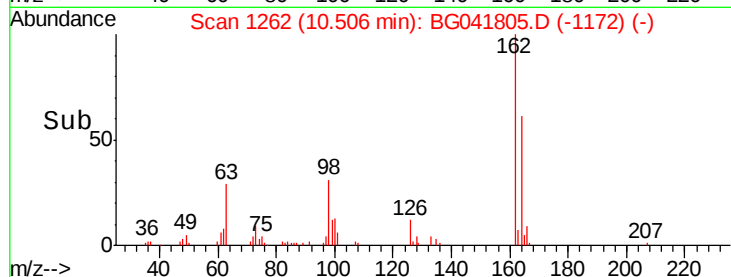
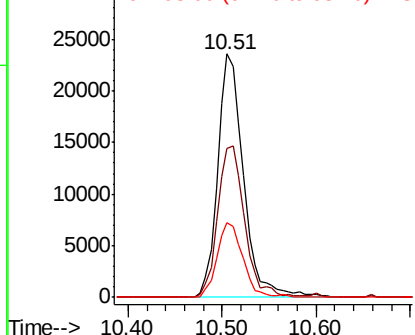


Abundance

Ion 162.00 (161.70 to 162.70): E

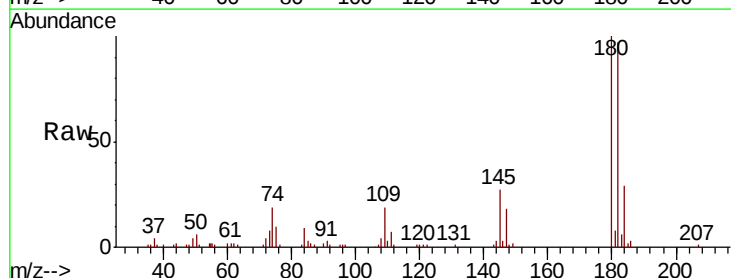
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
1,2,4-Trichlorobenzene
Concen: 7.675 ng
RT: 10.73 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG041805.D
Acq: 30 Jul 2019 17:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	76.2	114.2
145	26.8	23.8	35.8

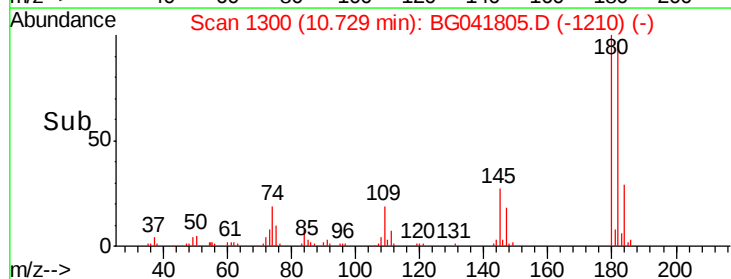
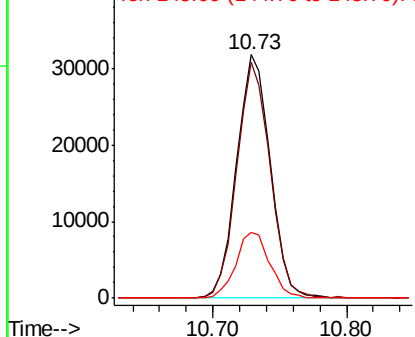


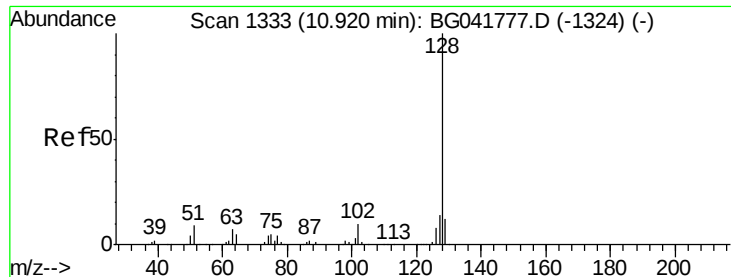
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

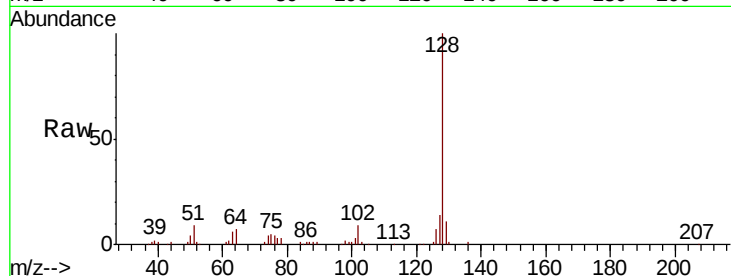




#31
Naphthalene
Concen: 8.082 ng
RT: 10.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BG041805.D
Acq: 30 Jul 2019 17:15

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	10.0	15.0
127	13.6	12.3	18.5

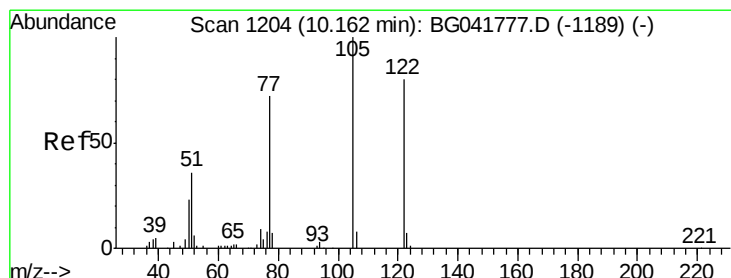
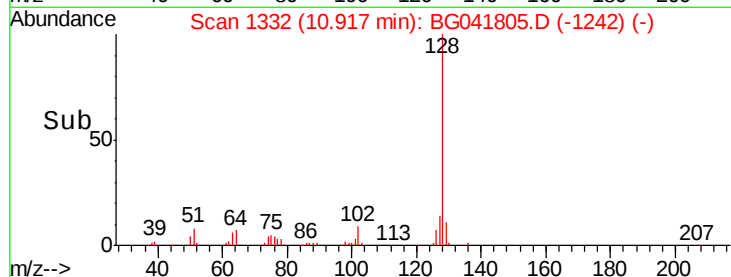
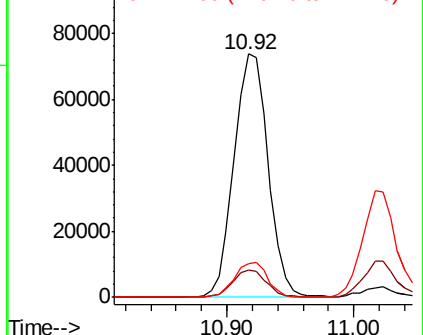


Abundance

Ion 128.00 (127.70 to 128.70): E

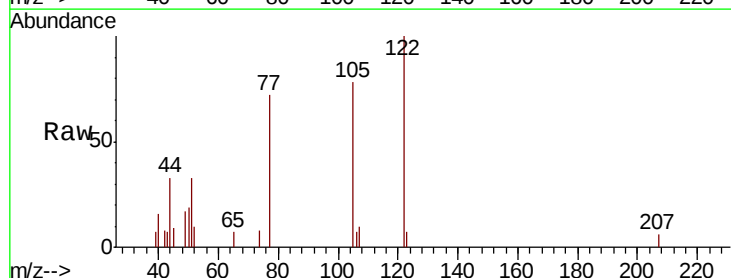
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 2.320 ng
RT: 10.12 min Scan# 1196
Delta R.T. -0.04 min
Lab File: BG041805.D
Acq: 30 Jul 2019 17:15

Tgt Ion	Ratio	Lower	Upper
122	100		
105	77.6	101.5	141.5#
77	72.3	73.0	113.0#

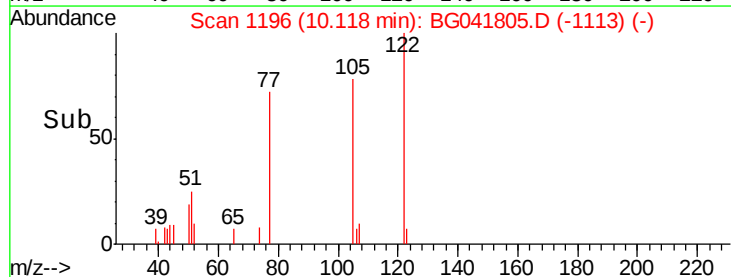
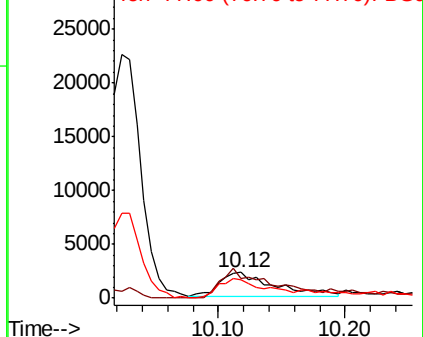


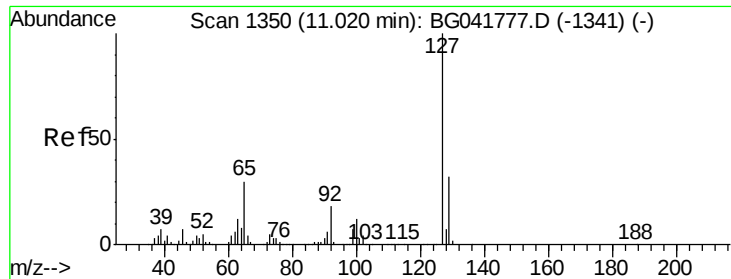
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

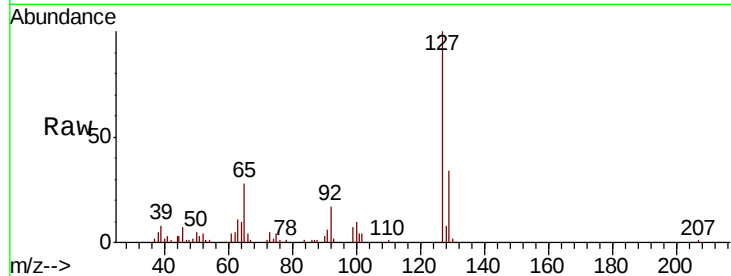




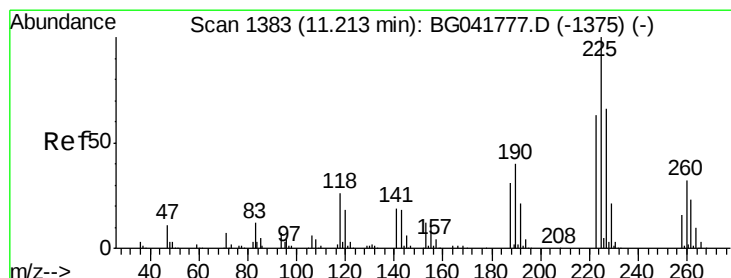
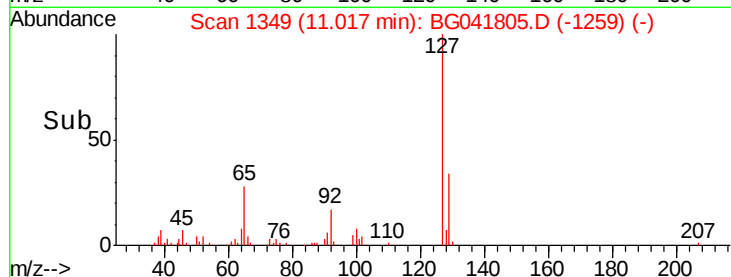
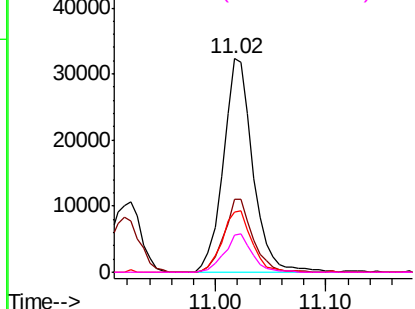
#33
4-Chloroaniline
Concen: 7.489 ng
RT: 11.02 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BG041805.D
Acq: 30 Jul 2019 17:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	60472
Ion	Ratio	Lower	Upper
127	100		
129	33.9	25.8	38.8
65	28.4	26.7	40.1
92	17.1	15.4	23.0

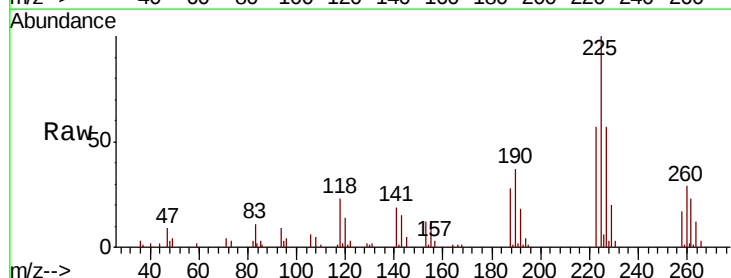


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

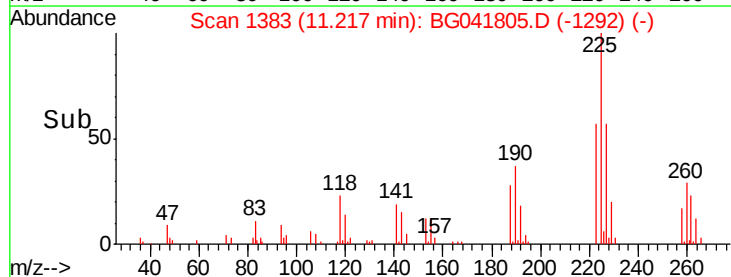
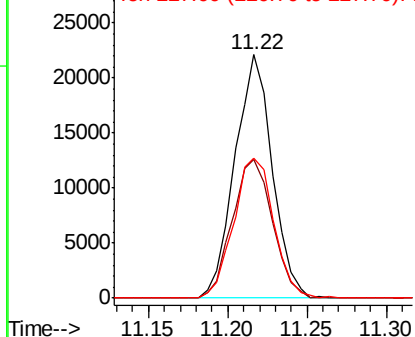


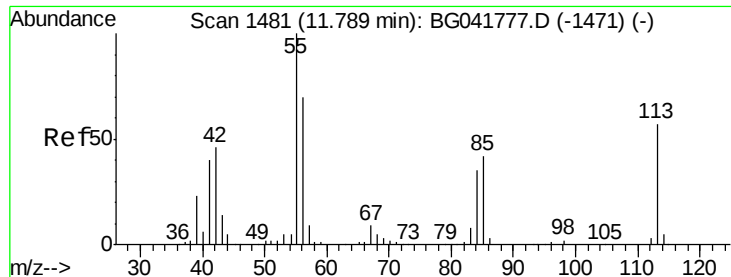
#34
Hexachlorobutadiene
Concen: 7.407 ng
RT: 11.22 min Scan# 1383
Delta R.T. 0.00 min
Lab File: BG041805.D
Acq: 30 Jul 2019 17:15

Tgt Ion:	225	Resp:	36017
Ion	Ratio	Lower	Upper
225	100		
223	57.2	51.1	76.7
227	57.4	50.9	76.3



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

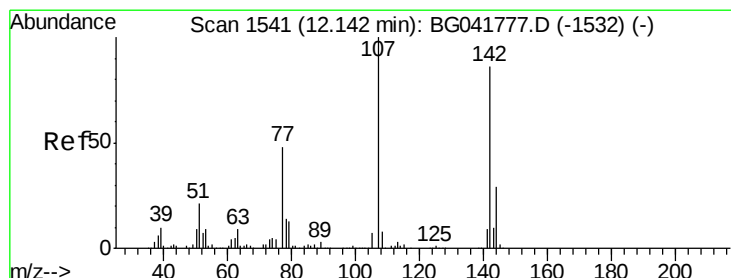
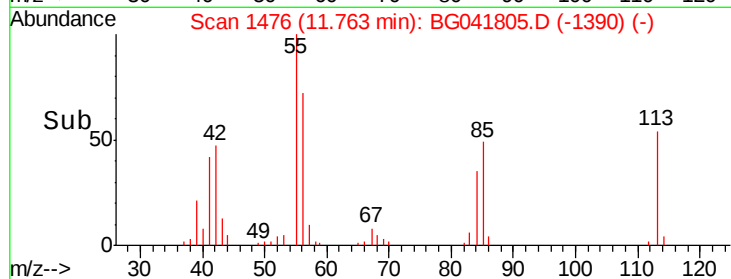
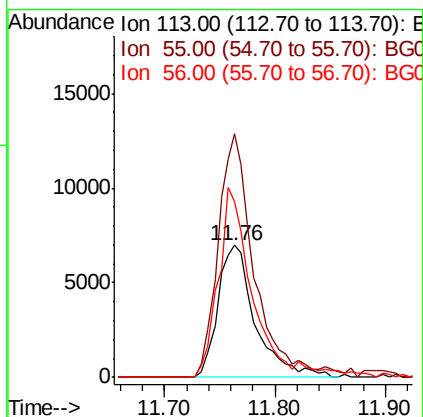
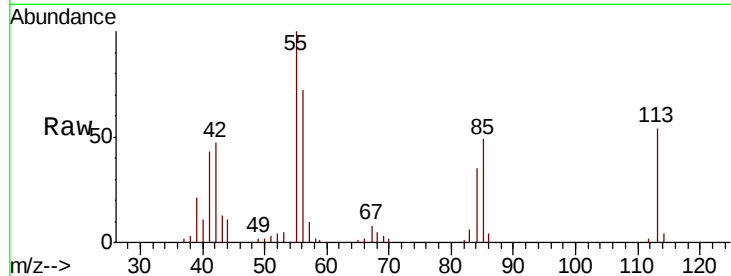




#35
 Caprolactam
 Concen: 8.267 ng
 RT: 11.76 min Scan# 1476
 Delta R.T. -0.03 min
 Lab File: BG041805.D
 Acq: 30 Jul 2019 17:15

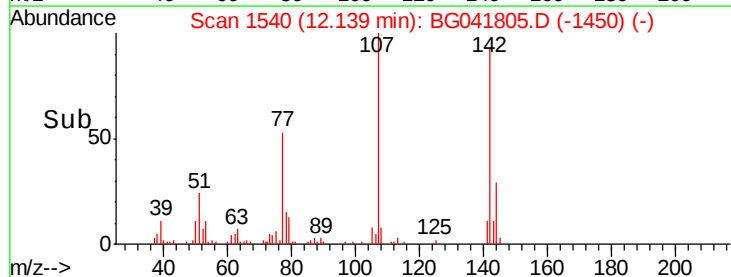
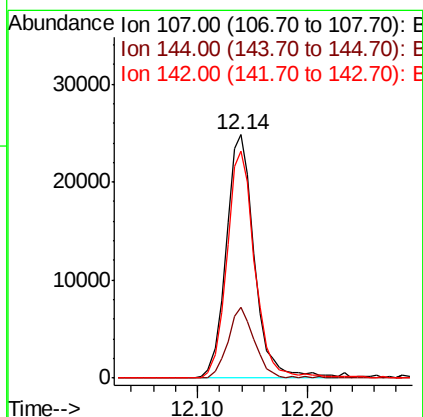
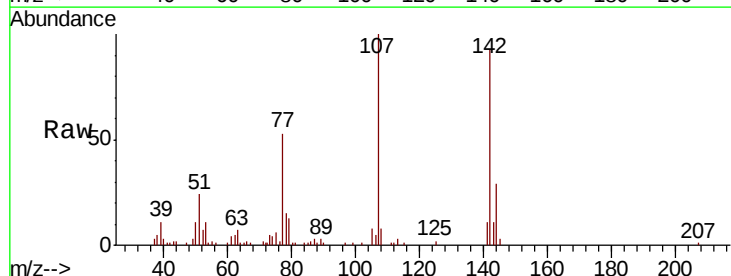
Instrument :
 BNA_G
 ClientSampleId :

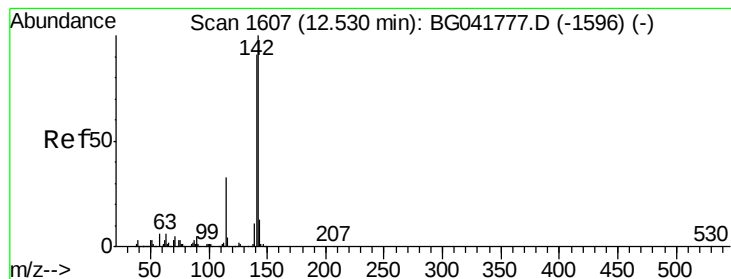
Tot Ion:113 Resp: 16322
 Ion Ratio Lower Upper
 113 100
 55 184.5 199.4 239.4#
 56 133.4 133.6 173.6#



#36
 4-Chloro-3-methylphenol
 Concen: 7.875 ng
 RT: 12.14 min Scan# 1540
 Delta R.T. -0.00 min
 Lab File: BG041805.D
 Acq: 30 Jul 2019 17:15

Tgt Ion:107 Resp: 44356
 Ion Ratio Lower Upper
 107 100
 144 28.9 22.2 33.2
 142 93.3 67.3 100.9





#37

2-Methylnaphthalene

Concen: 8.365 ng

RT: 12.53 min Scan# 1606

Delta R.T. -0.00 min

Lab File: BG041805.D

Acq: 30 Jul 2019 17:15

Instrument :

BNA_G

ClientSampleId :

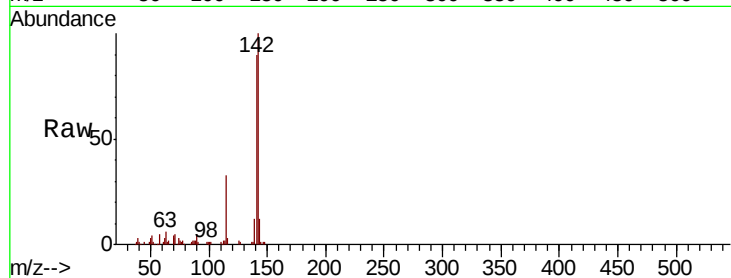
Tot Ion:142 Resp: 112741

Ion Ratio Lower Upper

142 100

141 90.0 72.7 109.1

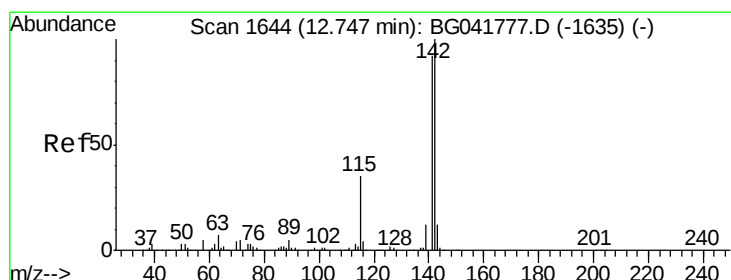
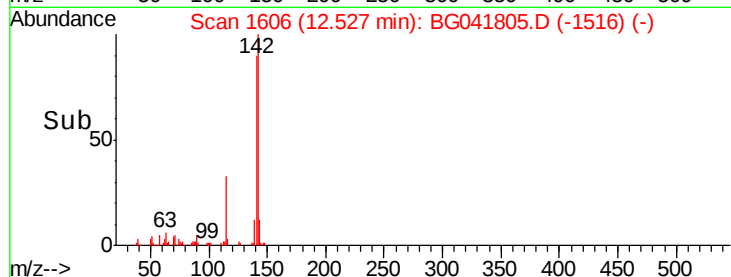
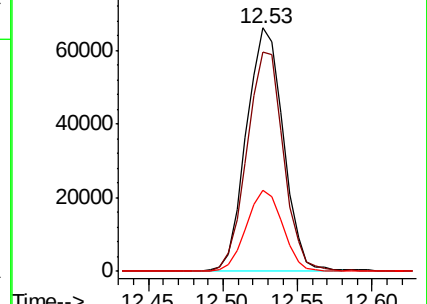
115 33.1 27.0 40.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 8.827 ng

RT: 12.53 min Scan# 1606

Delta R.T. -0.22 min

Lab File: BG041805.D

Acq: 30 Jul 2019 17:15

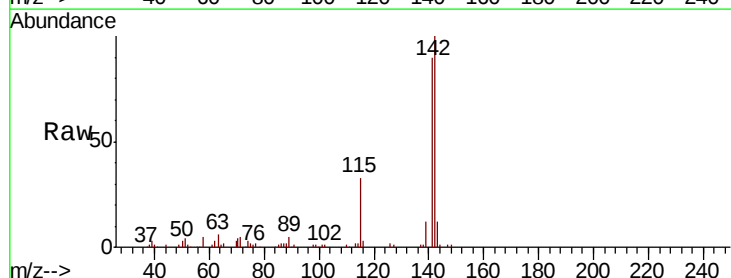
Tgt Ion:142 Resp: 112741

Ion Ratio Lower Upper

142 100

141 90.0 75.4 113.2

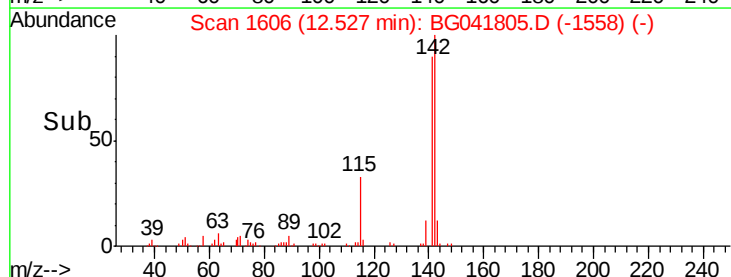
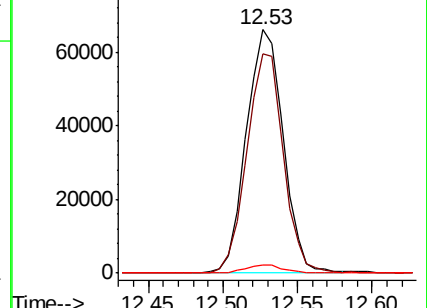
116 3.4 3.2 4.8

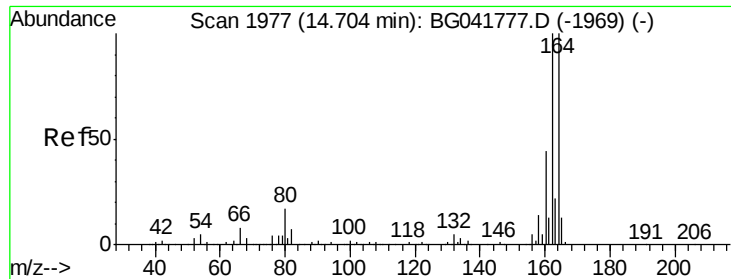


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BG041805.D

Acq: 30 Jul 2019 17:15

Instrument :

BNA_G

ClientSampleId :

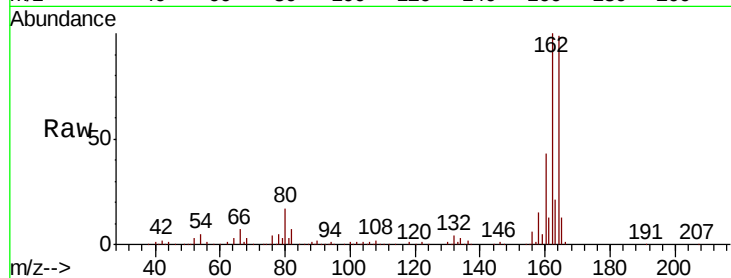
Tot Ion:164 Resp: 276748

Ion Ratio Lower Upper

164 100

162 101.5 79.6 119.4

160 43.7 35.4 53.0

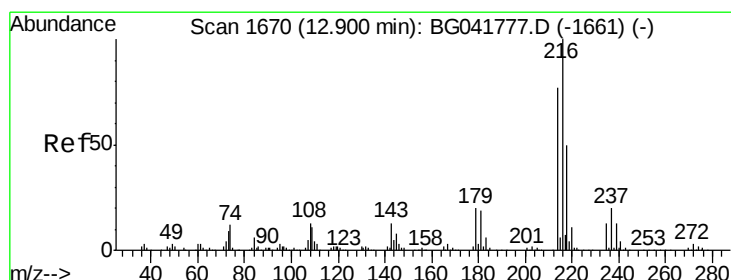
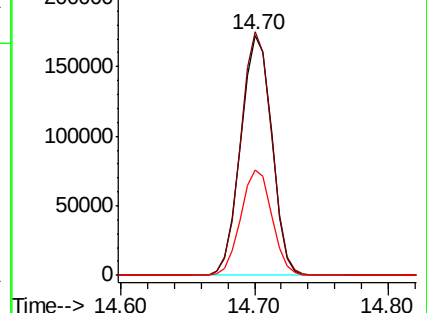
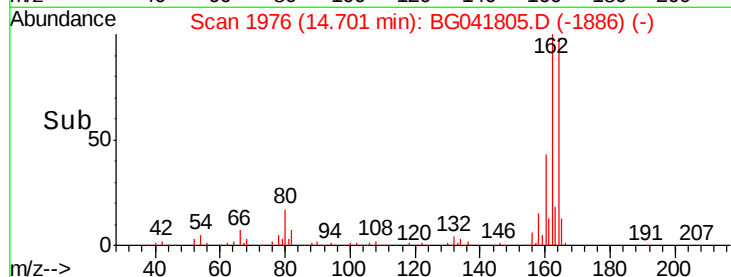


Abundance

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: 8.222 ng

RT: 12.90 min Scan# 1669

Delta R.T. -0.00 min

Lab File: BG041805.D

Acq: 30 Jul 2019 17:15

Tgt Ion:216 Resp: 72025

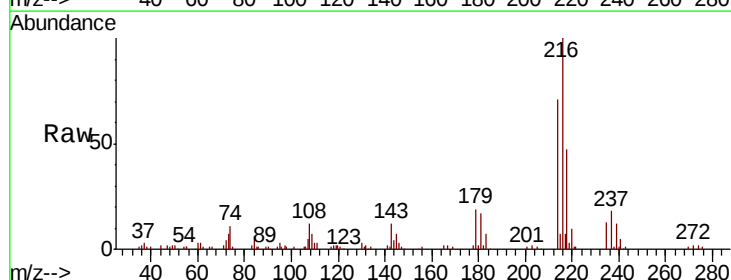
Ion Ratio Lower Upper

216 100

214 73.5 61.5 92.3

179 18.3 16.2 24.2

108 12.6 13.2 19.8#



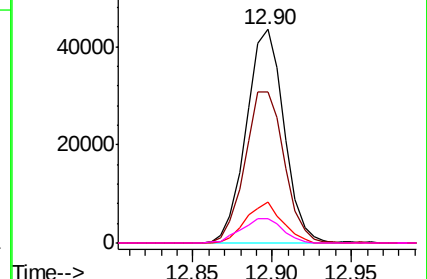
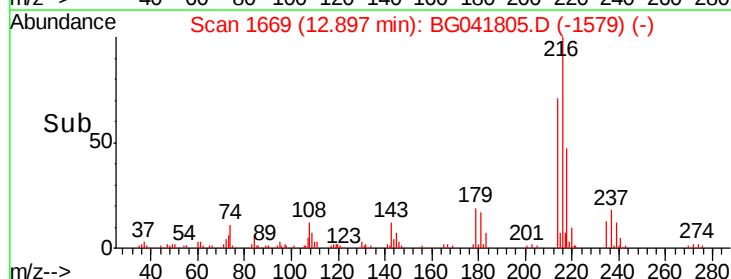
Abundance

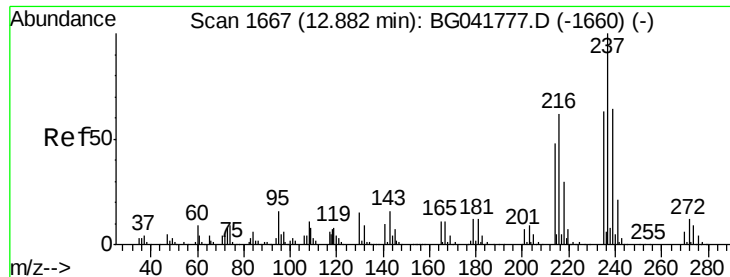
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 7.087 ng

RT: 12.88 min Scan# 1666

Delta R.T. -0.00 min

Lab File: BG041805.D

Acq: 30 Jul 2019 17:15

Instrument :

BNA_G

ClientSampled :

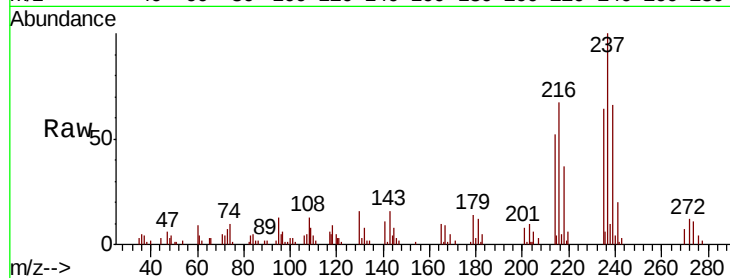
Tot Ion:237 Resp: 34906

Ion Ratio Lower Upper

237 100

235 64.0 43.5 83.5

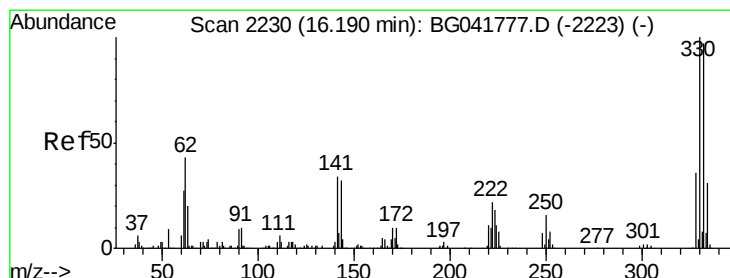
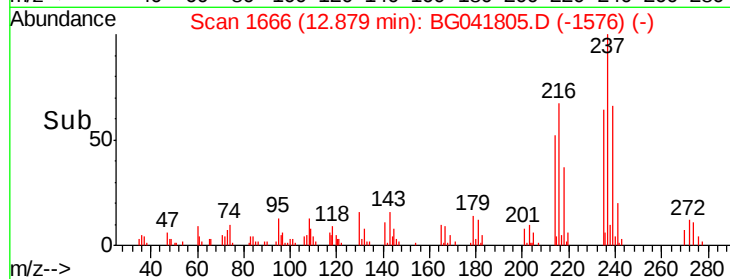
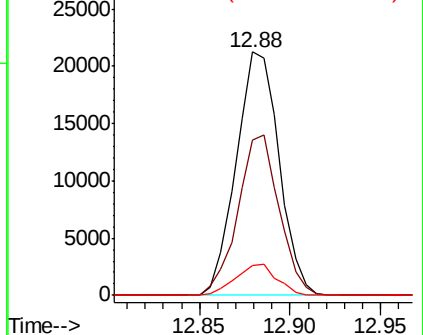
272 12.5 0.0 31.2



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 110.136 ng

RT: 16.19 min Scan# 2229

Delta R.T. -0.00 min

Lab File: BG041805.D

Acq: 30 Jul 2019 17:15

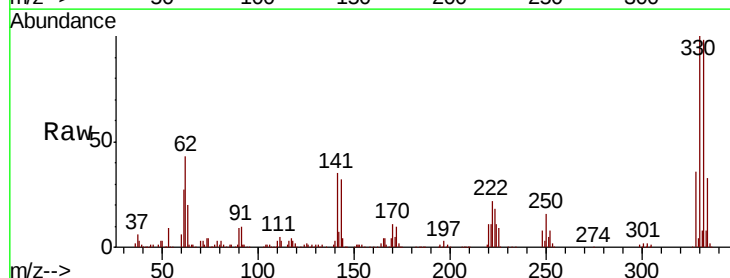
Tgt Ion:330 Resp: 346210

Ion Ratio Lower Upper

330 100

332 96.7 77.4 116.0

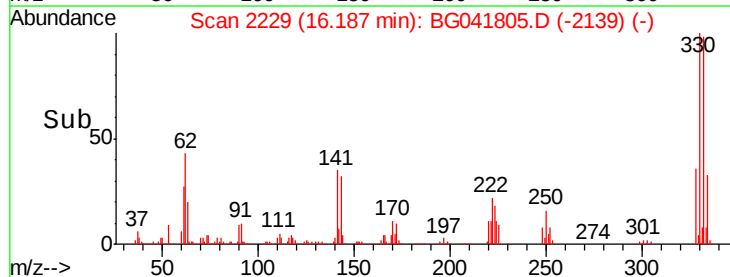
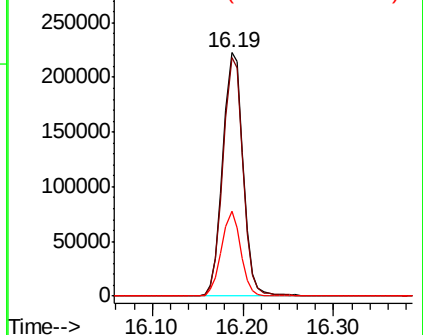
141 32.9 31.9 47.9



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

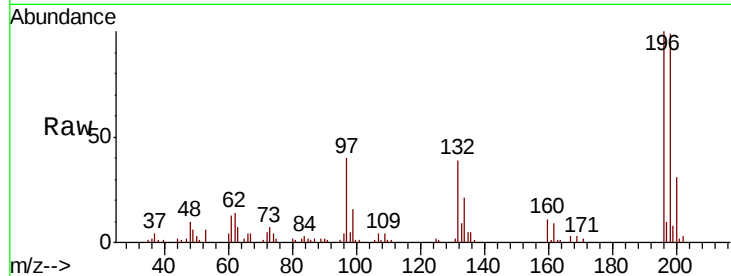




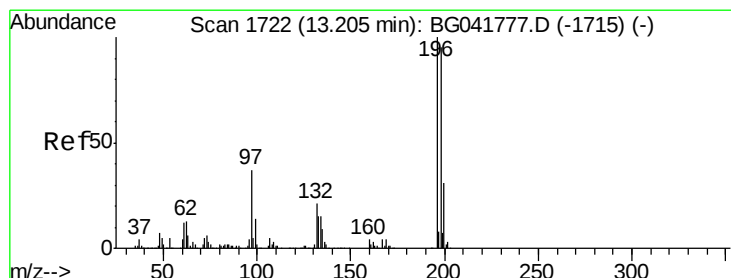
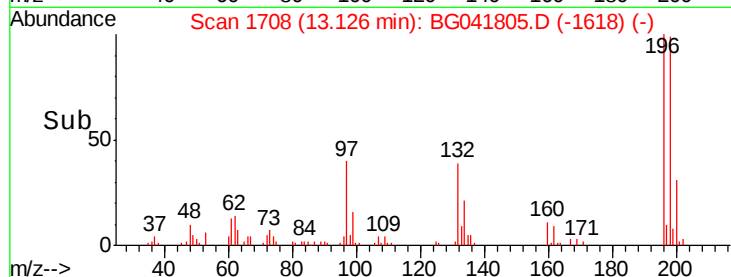
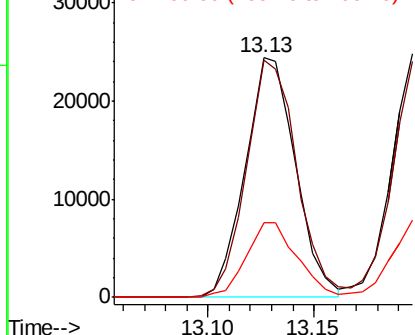
#43
 2,4,6-Trichlorophenol
 Concen: 7.318 ng
 RT: 13.13 min Scan# 1708
 Delta R.T. -0.00 min
 Lab File: BG041805.D
 Acq: 30 Jul 2019 17:15

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 40517
 Ion Ratio Lower Upper
 196 100
 198 99.2 79.6 119.4
 200 31.0 25.2 37.8

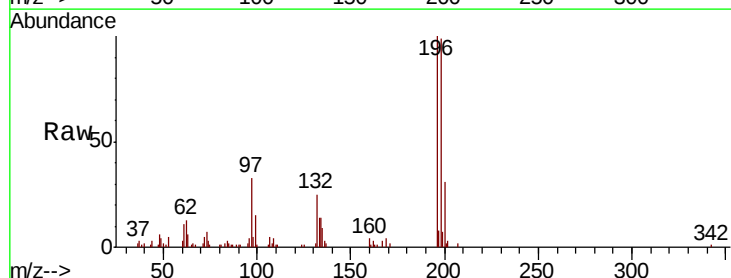


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

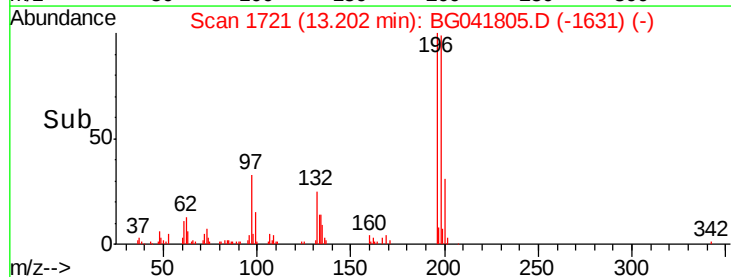
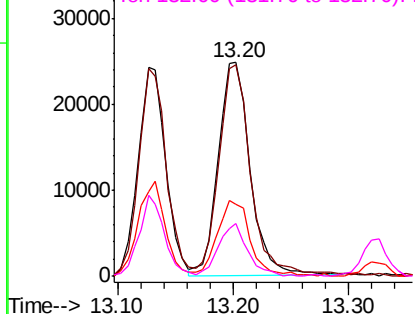


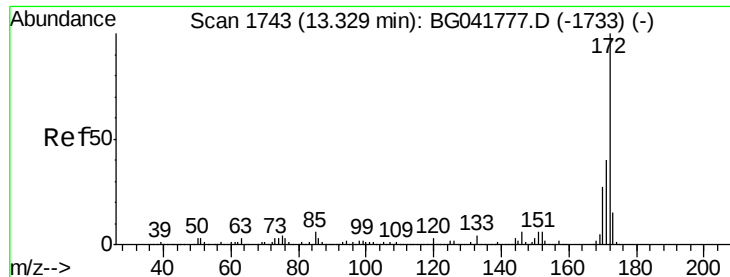
#44
 2,4,5-Trichlorophenol
 Concen: 8.191 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.00 min
 Lab File: BG041805.D
 Acq: 30 Jul 2019 17:15

Tgt Ion:196 Resp: 47131
 Ion Ratio Lower Upper
 196 100
 198 99.0 80.6 121.0
 97 33.5 33.9 50.9#
 132 24.8 20.2 30.2



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



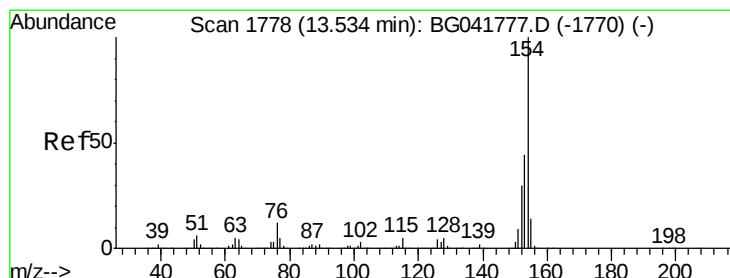
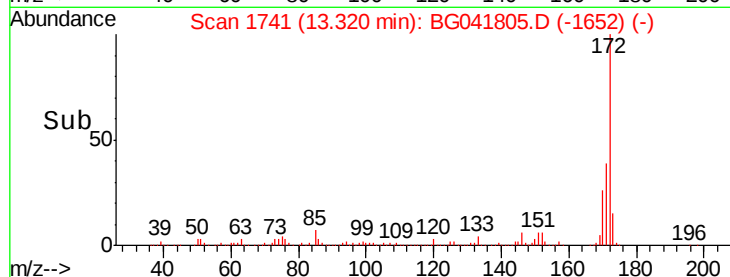
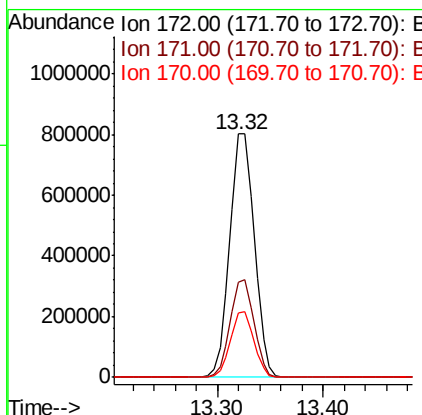
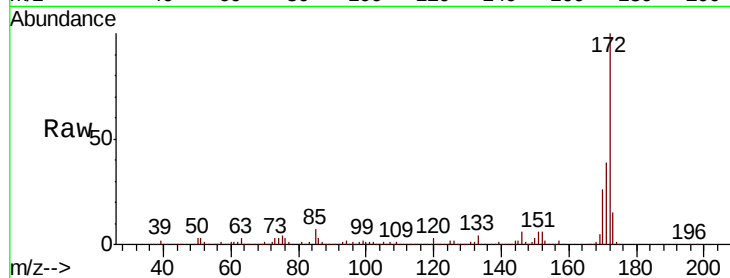


#45
 2-Fluorobiphenyl
 Concen: 82.120 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. -0.01 min
 Lab File: BG041805.D
 Acq: 30 Jul 2019 17:15

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 1288563

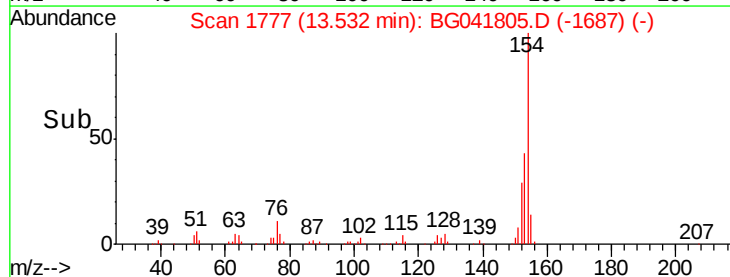
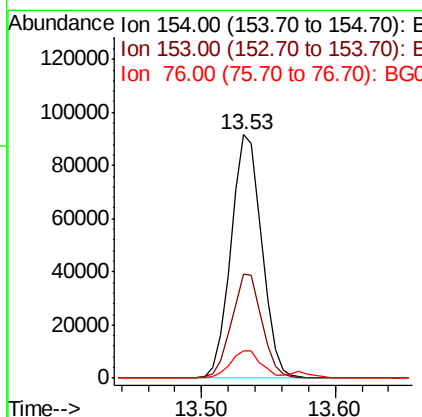
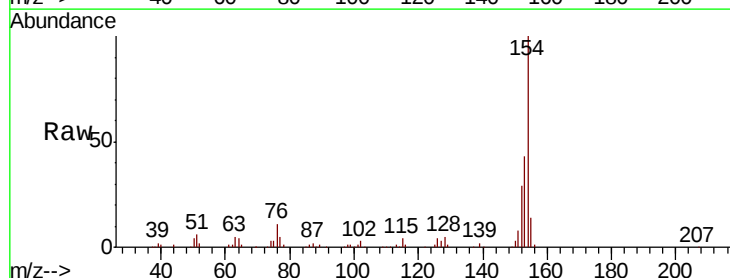
Ion	Ratio	Lower	Upper
172	100		
171	39.3	35.0	52.4
170	26.3	23.5	35.3

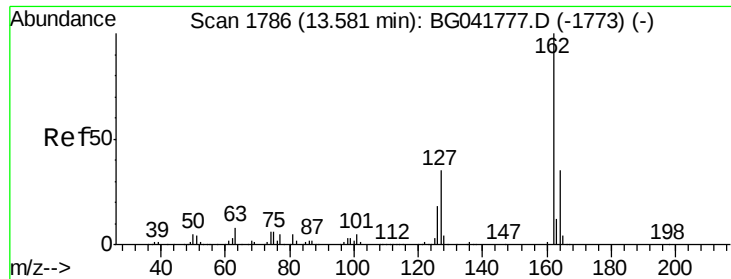


#46
 1,1'-Biphenyl
 Concen: 8.263 ng
 RT: 13.53 min Scan# 1777
 Delta R.T. -0.00 min
 Lab File: BG041805.D
 Acq: 30 Jul 2019 17:15

Tgt Ion:154 Resp: 146999

Ion	Ratio	Lower	Upper
154	100		
153	42.9	25.0	65.0
76	11.3	0.0	34.5

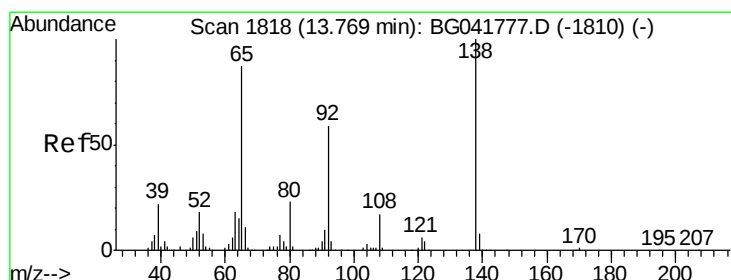
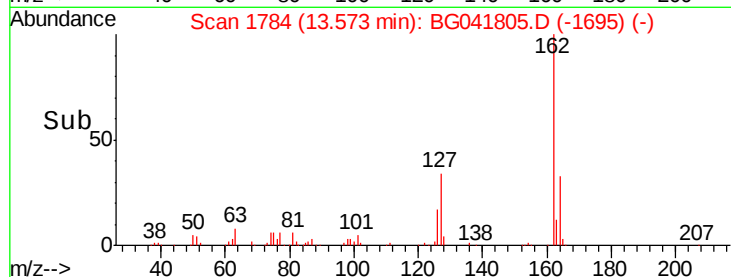
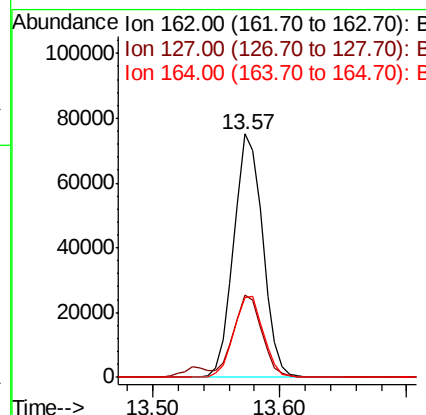
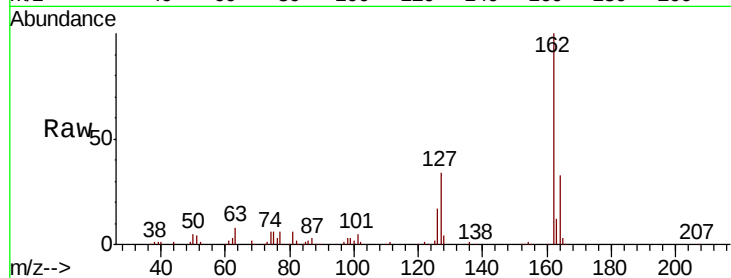




#47
2-Chloronaphthalene
Concen: 7.843 ng
RT: 13.57 min Scan# 1784
Delta R.T. -0.01 min
Lab File: BG041805.D
Acq: 30 Jul 2019 17:15

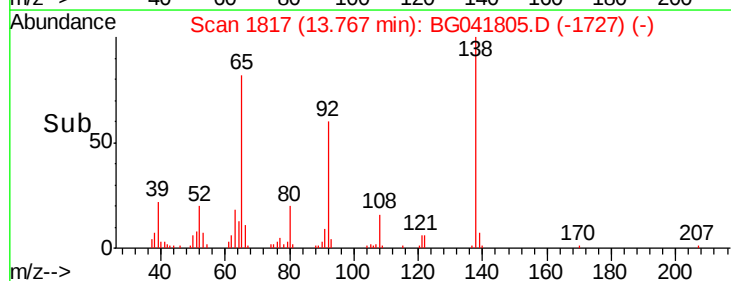
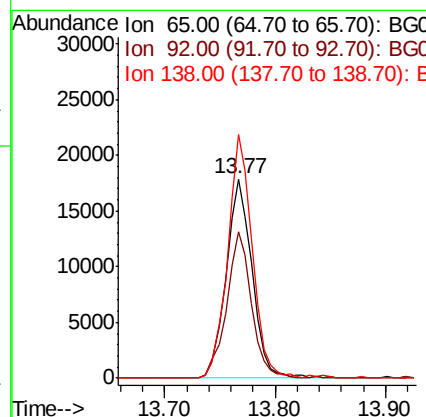
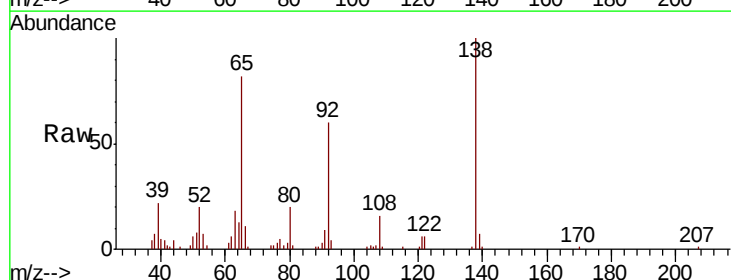
Instrument :
BNA_G
ClientSampleId :

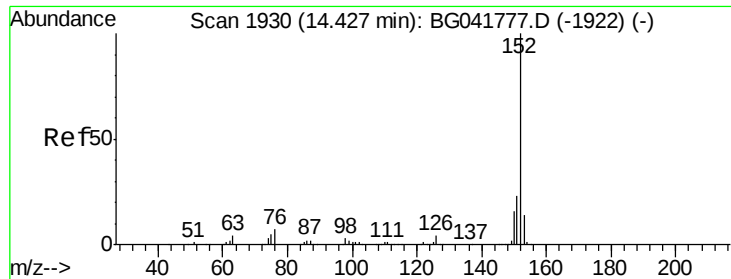
Tot Ion	Ratio	Lower	Upper
162	100		
127	33.8	30.4	45.6
164	32.8	28.6	42.8



#48
2-Nitroaniline
Concen: 7.600 ng
RT: 13.77 min Scan# 1817
Delta R.T. -0.00 min
Lab File: BG041805.D
Acq: 30 Jul 2019 17:15

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.6	53.9	80.9
138	122.2	83.5	125.3





#49

Acenaphthylene

Concen: 8.536 ng

RT: 14.42 min Scan# 1928

Delta R.T. -0.01 min

Lab File: BG041805.D

Acq: 30 Jul 2019 17:15

Instrument :

BNA_G

ClientSampleId :

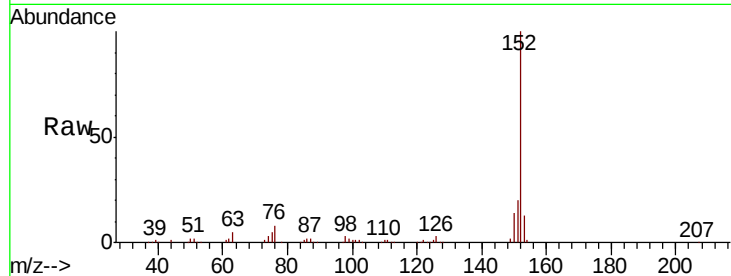
Tot Ion:152 Resp: 193395

Ion Ratio Lower Upper

152 100

151 20.0 18.7 28.1

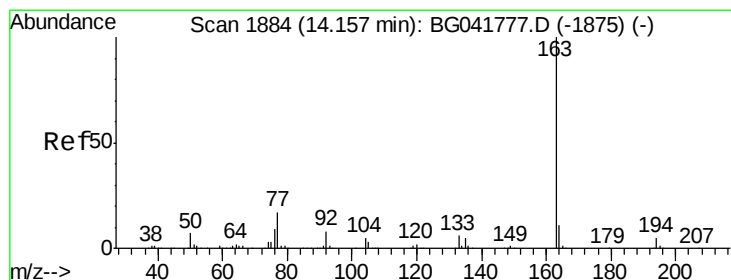
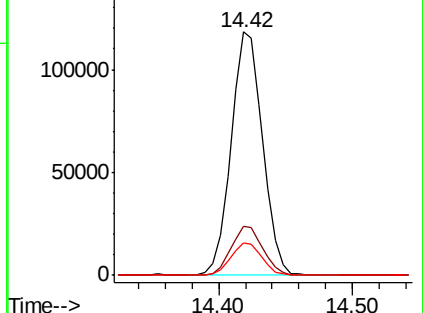
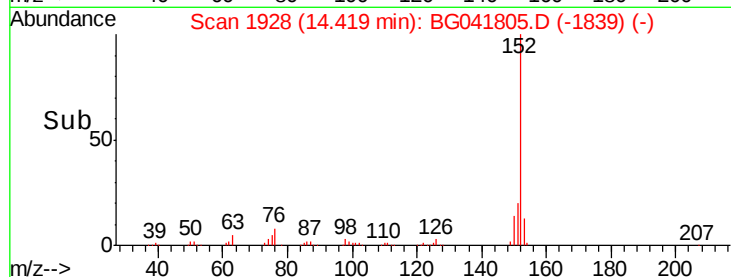
153 13.1 12.4 18.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 8.329 ng

RT: 14.15 min Scan# 1882

Delta R.T. -0.01 min

Lab File: BG041805.D

Acq: 30 Jul 2019 17:15

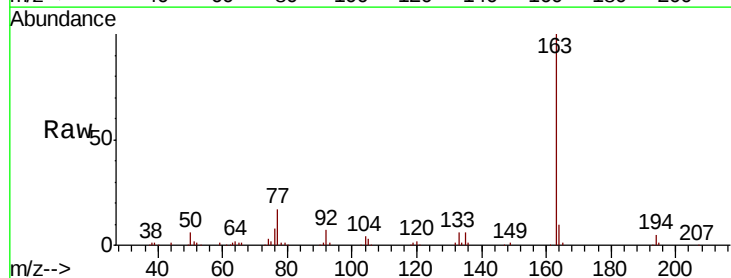
Tgt Ion:163 Resp: 157422

Ion Ratio Lower Upper

163 100

194 4.6 4.2 6.2

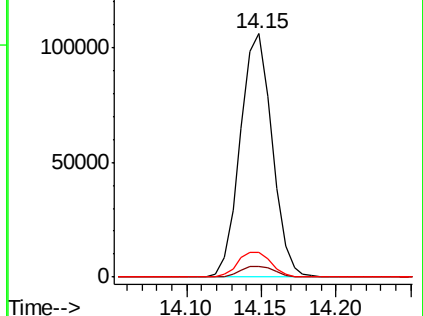
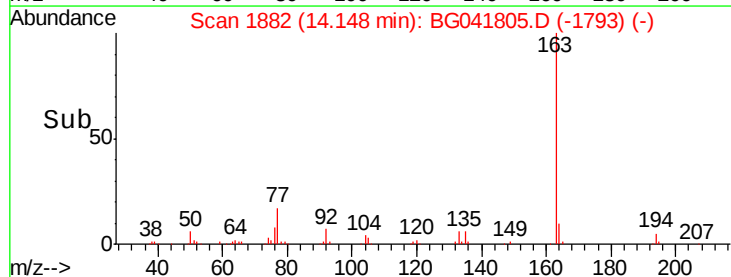
164 10.0 9.4 14.2

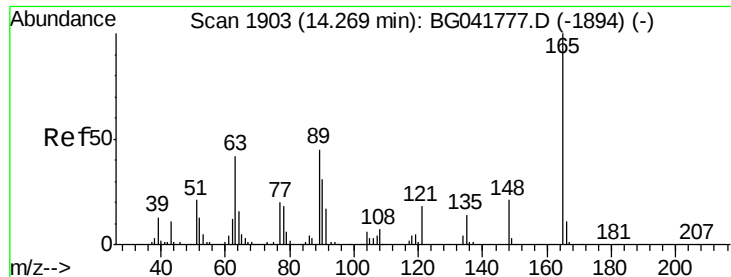


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

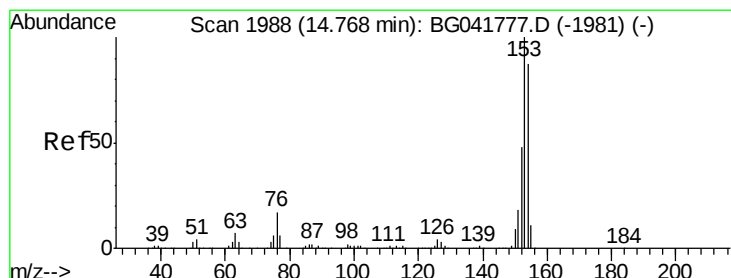
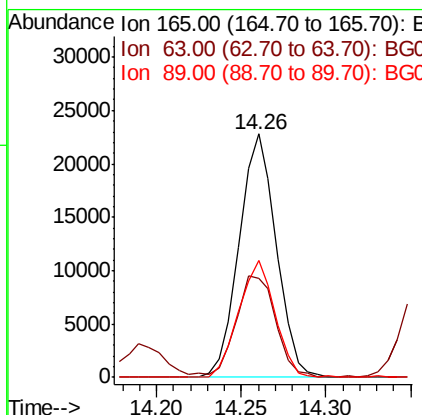
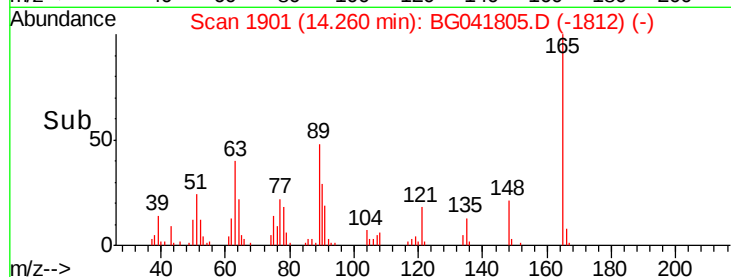
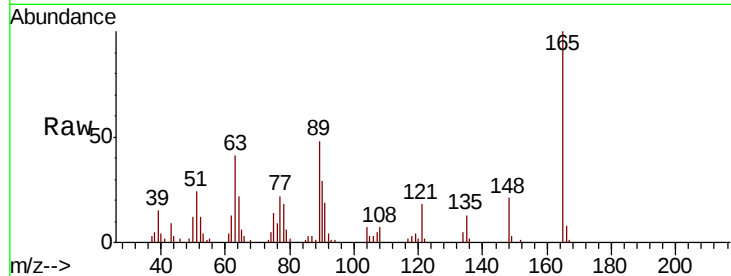




#51
 2,6-Dinitrotoluene
 Concen: 8.807 ng
 RT: 14.26 min Scan# 1901
 Delta R.T. -0.01 min
 Lab File: BG041805.D
 Acq: 30 Jul 2019 17:15

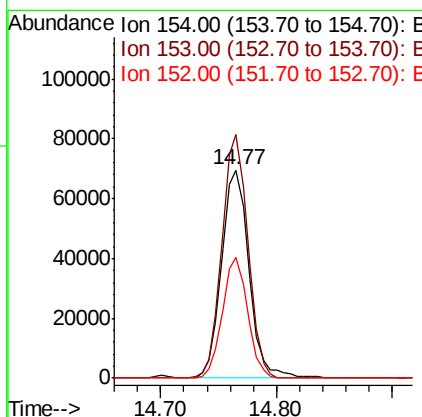
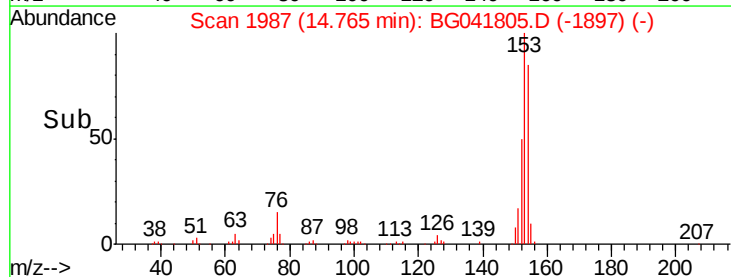
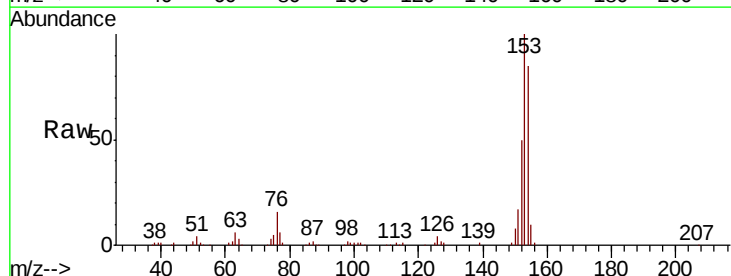
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 34806
 Ion Ratio Lower Upper
 165 100
 63 40.6 42.4 63.6#
 89 47.8 42.1 63.1



#52
 Acenaphthene
 Concen: 7.803 ng
 RT: 14.77 min Scan# 1987
 Delta R.T. -0.00 min
 Lab File: BG041805.D
 Acq: 30 Jul 2019 17:15

Tgt Ion:154 Resp: 114987
 Ion Ratio Lower Upper
 154 100
 153 117.0 89.8 134.6
 152 58.0 44.9 67.3

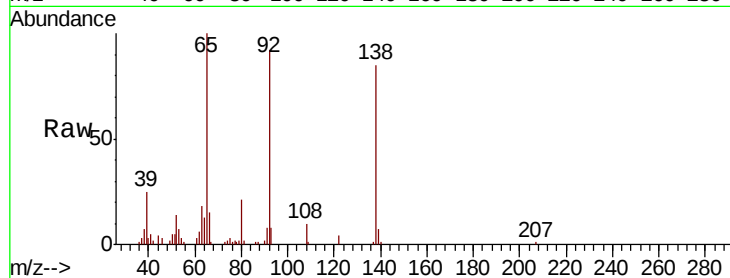




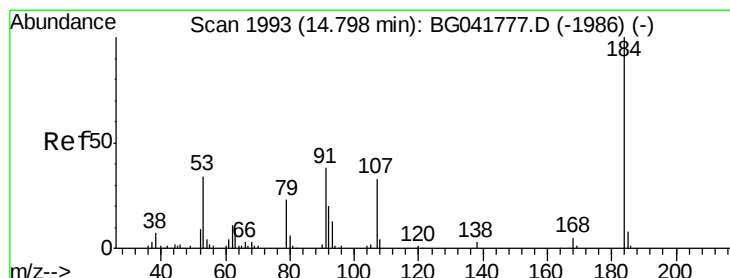
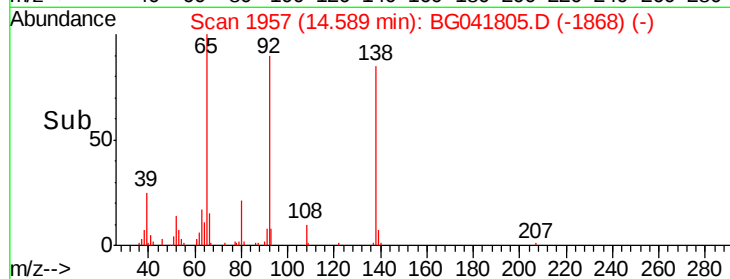
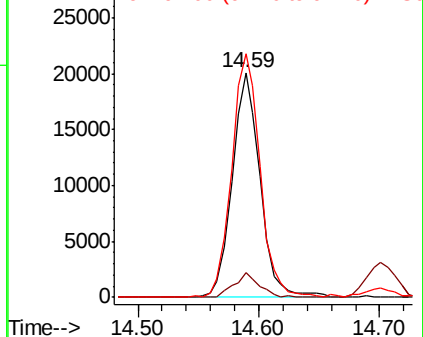
#53
3-Nitroaniline
Concen: 7.583 ng
RT: 14.59 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BG041805.D
Acq: 30 Jul 2019 17:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 32062
Ion Ratio Lower Upper
138 100
108 11.3 10.3 15.5
92 108.4 93.0 139.4

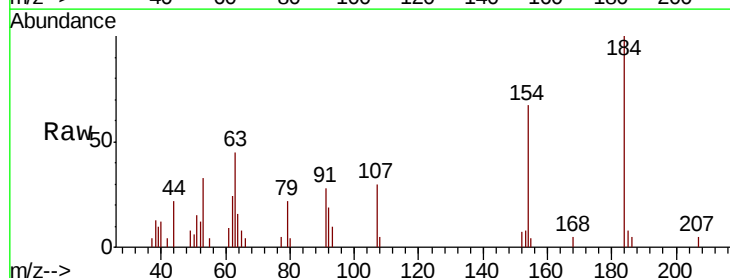


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

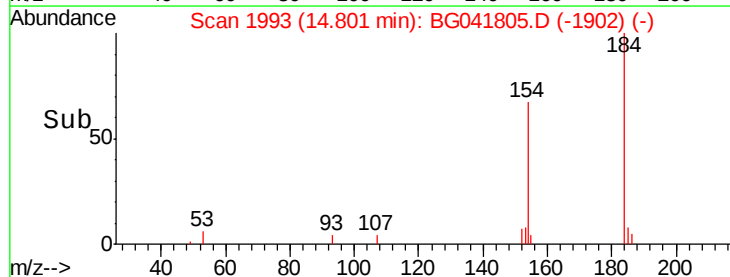
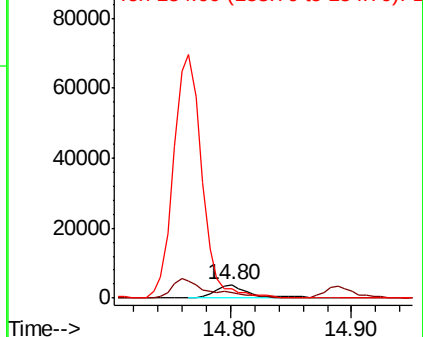


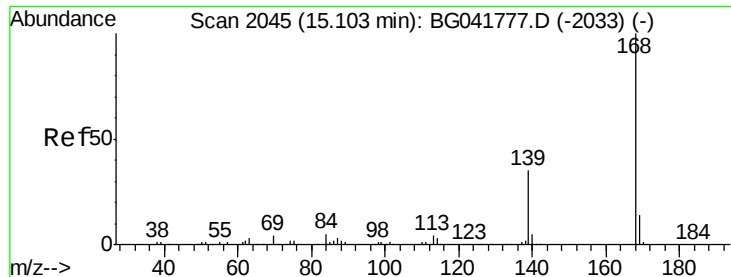
#54
2,4-Dinitrophenol
Concen: 3.952 ng
RT: 14.80 min Scan# 1993
Delta R.T. 0.00 min
Lab File: BG041805.D
Acq: 30 Jul 2019 17:15

Tgt Ion:184 Resp: 7459
Ion Ratio Lower Upper
184 100
63 44.5 43.2 64.8
154 67.1 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

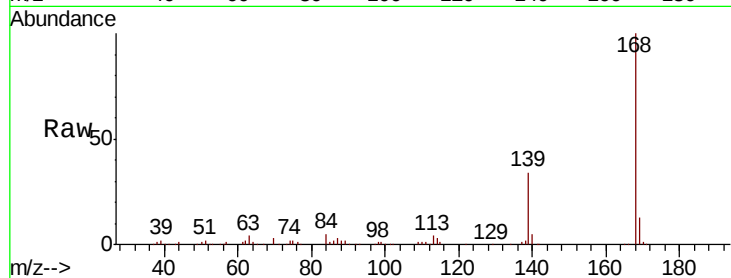




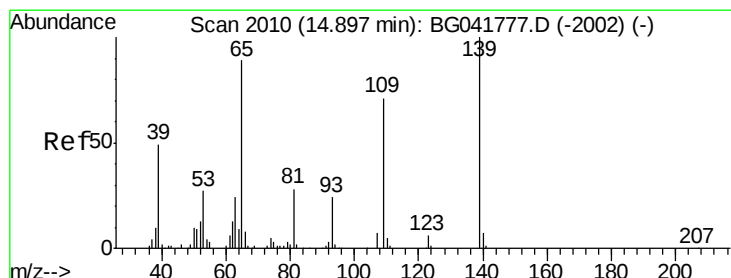
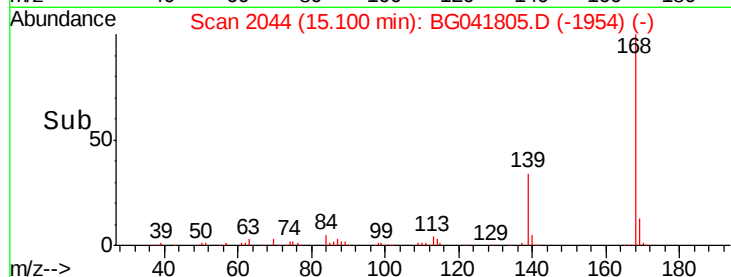
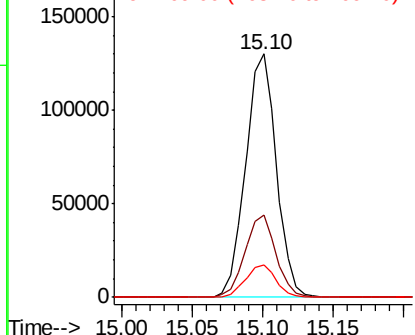
#55
Dibenzenofuran
Concen: 8.819 ng
RT: 15.10 min Scan# 2044
Delta R.T. -0.00 min
Lab File: BG041805.D
Acq: 30 Jul 2019 17:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion:168 Resp: 198779
Ion Ratio Lower Upper
168 100
139 34.0 31.9 47.9
169 13.4 12.5 18.7

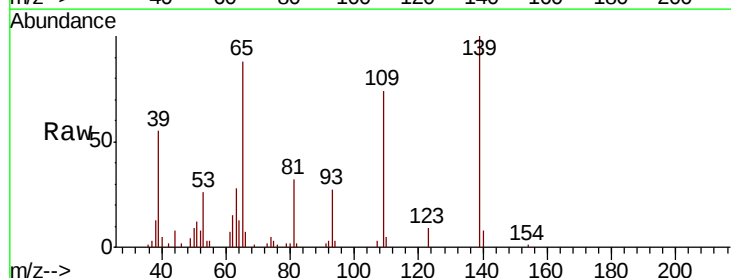


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

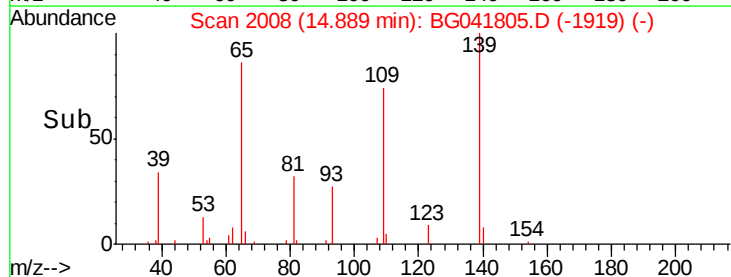
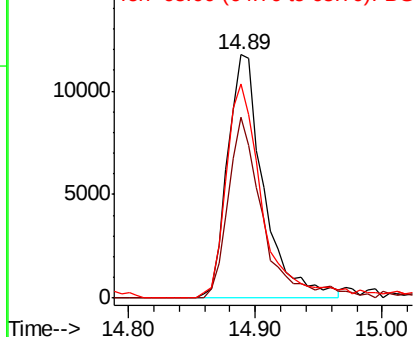


#56
4-Nitrophenol
Concen: 7.194 ng
RT: 14.89 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BG041805.D
Acq: 30 Jul 2019 17:15

Tgt Ion:139 Resp: 23089
Ion Ratio Lower Upper
139 100
109 74.3 51.3 91.3
65 88.1 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): E

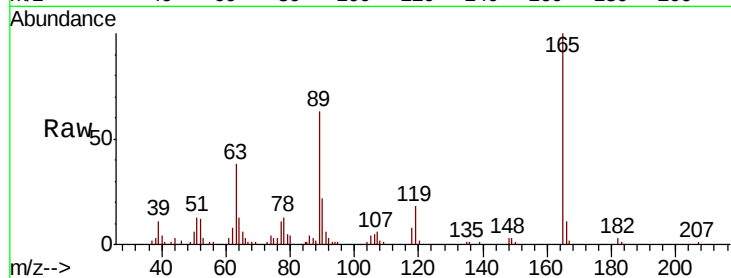




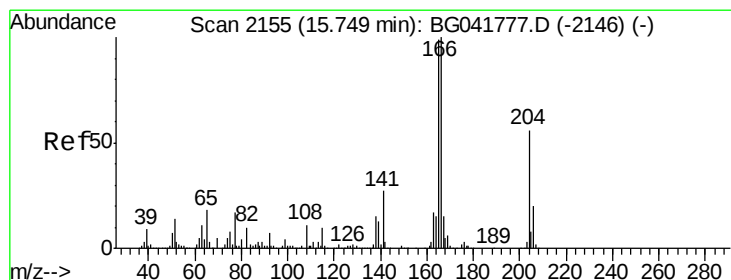
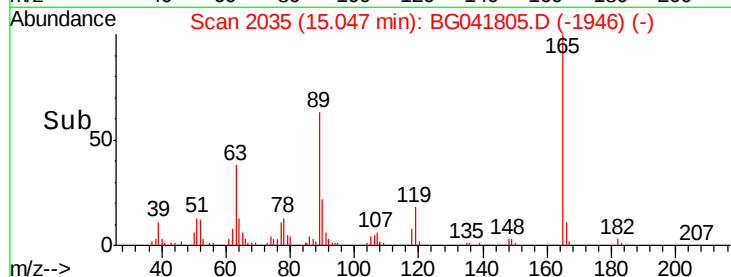
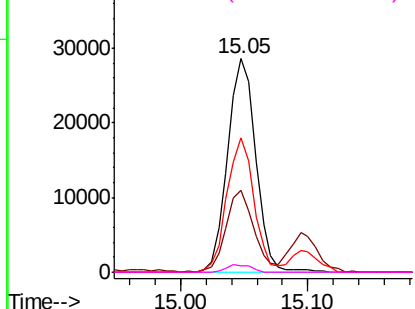
#57
2,4-Dinitrotoluene
Concen: 8.063 ng
RT: 15.05 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BG041805.D
Acq: 30 Jul 2019 17:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 43823
Ion Ratio Lower Upper
165 100
63 38.4 31.7 47.5
89 62.8 50.2 75.4
182 2.9 2.6 4.0

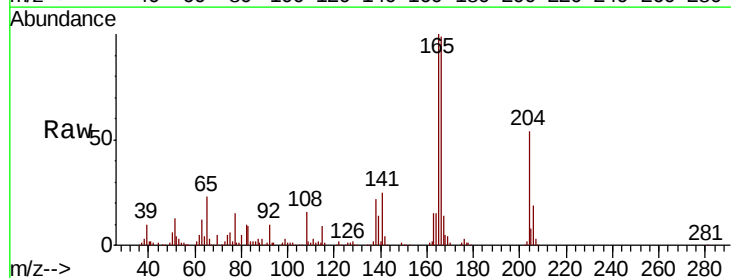


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

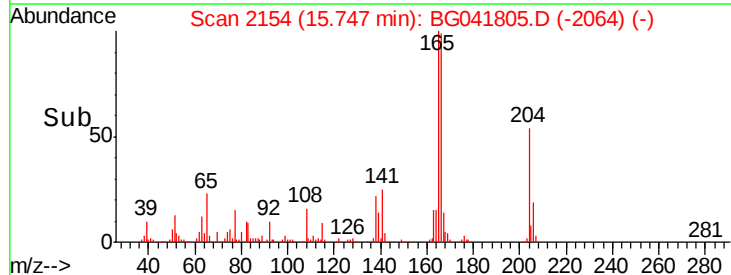
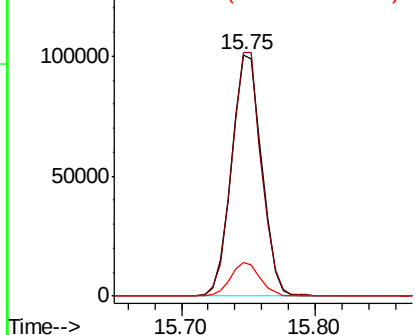


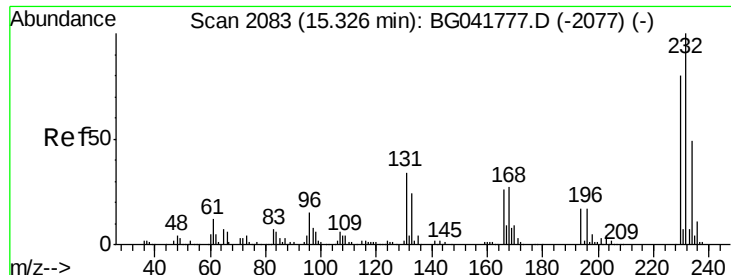
#58
Fluorene
Concen: 8.718 ng
RT: 15.75 min Scan# 2154
Delta R.T. -0.00 min
Lab File: BG041805.D
Acq: 30 Jul 2019 17:15

Tgt Ion:166 Resp: 157698
Ion Ratio Lower Upper
166 100
165 100.7 80.5 120.7
167 13.8 12.4 18.6



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

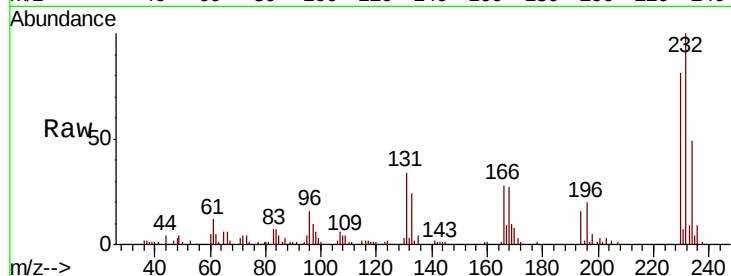




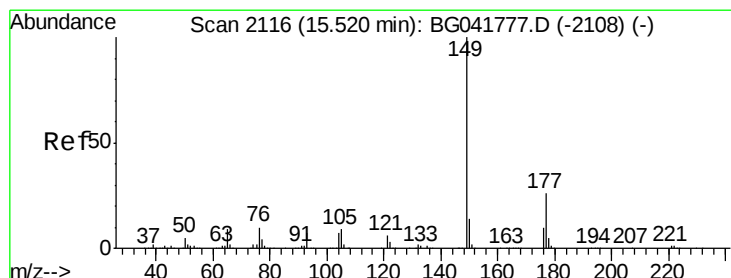
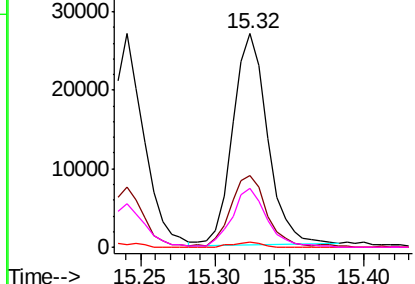
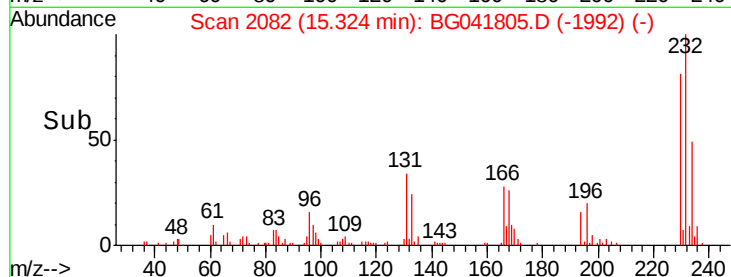
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 7.658 ng
 RT: 15.32 min Scan# 2082
 Delta R.T. -0.00 min
 Lab File: BG041805.D
 Acq: 30 Jul 2019 17:15

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	232	Resp:	43643
Ion	Ratio	Lower	Upper
232	100		
131	36.3	31.8	47.6
130	2.1	1.8	2.8
166	28.4	23.5	35.3

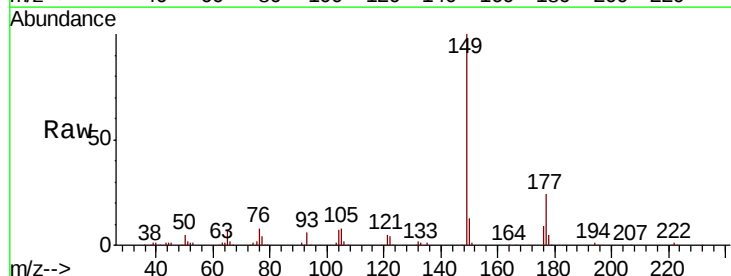


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

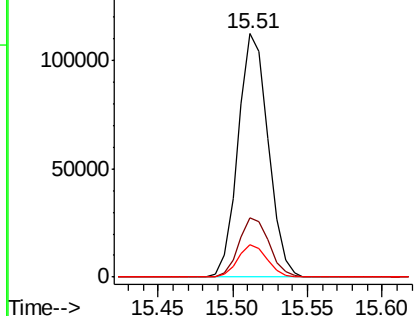
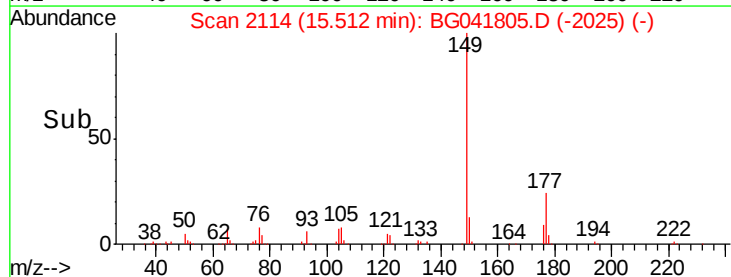


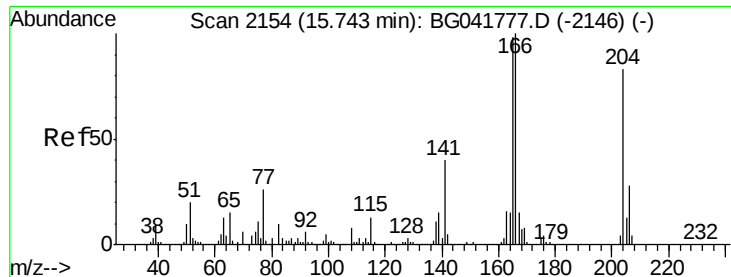
#60
 Diethylphthalate
 Concen: 8.494 ng
 RT: 15.51 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: BG041805.D
 Acq: 30 Jul 2019 17:15

Tgt Ion:	149	Resp:	157618
Ion	Ratio	Lower	Upper
149	100		
177	24.4	20.7	31.1
150	13.1	11.5	17.3



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

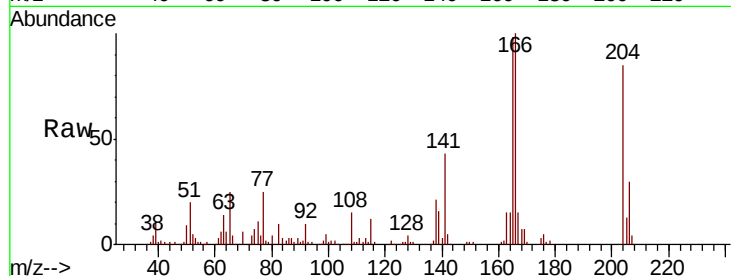




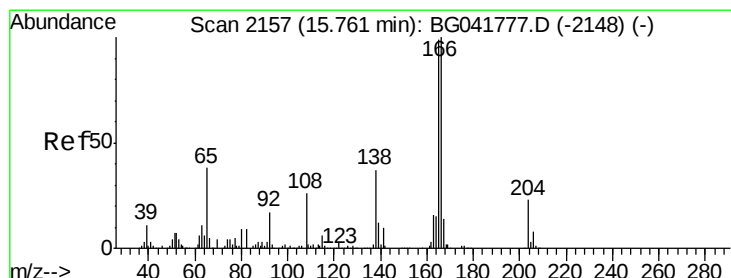
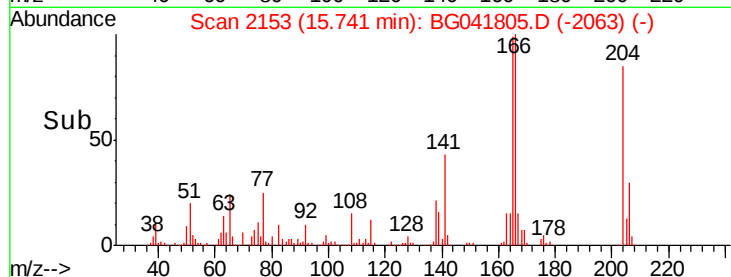
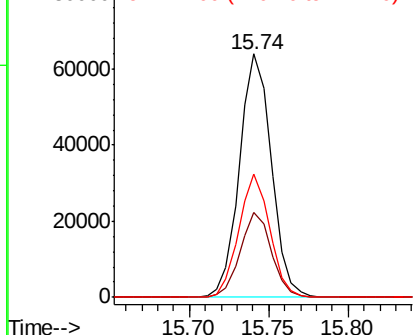
#61
4-Chlorophenyl-phenylether
Concen: 8.065 ng
RT: 15.74 min Scan# 2153
Delta R.T. -0.00 min
Lab File: BG041805.D
Acq: 30 Jul 2019 17:15

Instrument :
BNA_G
ClientSampled :

Tot Ion:204 Resp: 89054
Ion Ratio Lower Upper
204 100
206 34.9 28.6 42.8
141 50.4 42.9 64.3

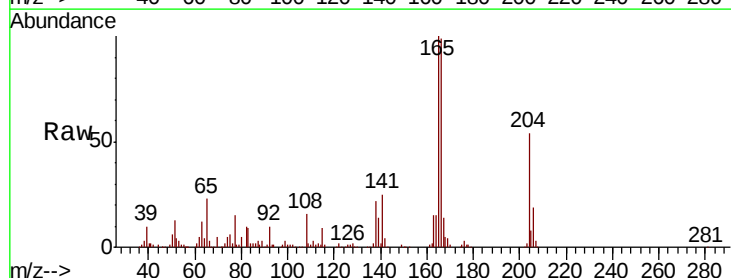


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

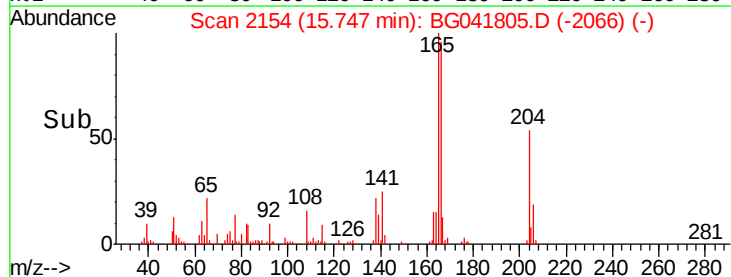
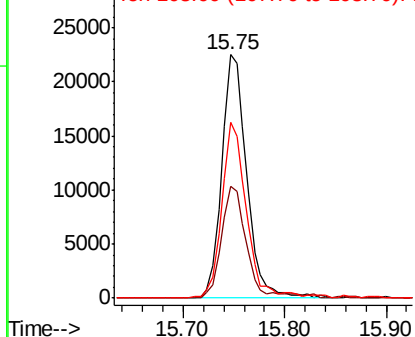


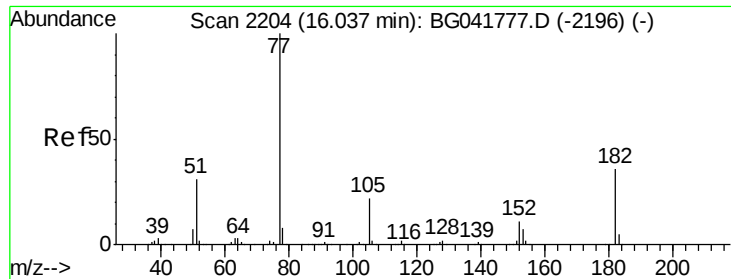
#62
4-Nitroaniline
Concen: 8.375 ng
RT: 15.75 min Scan# 2154
Delta R.T. -0.01 min
Lab File: BG041805.D
Acq: 30 Jul 2019 17:15

Tgt Ion:138 Resp: 38356
Ion Ratio Lower Upper
138 100
92 46.1 29.8 69.8
108 72.2 52.2 92.2



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

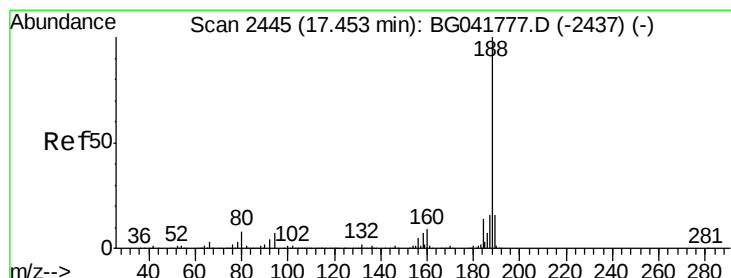
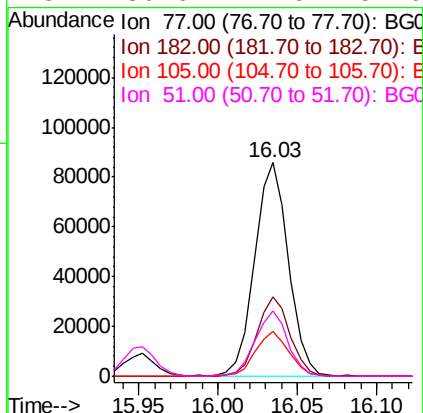
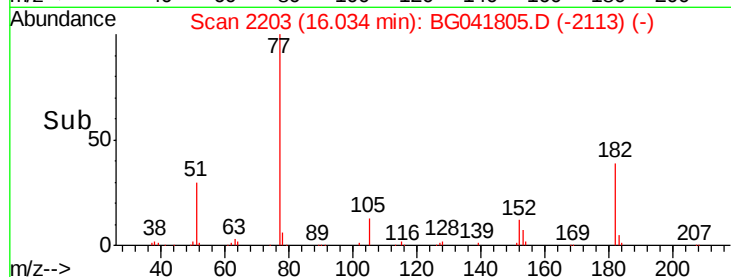
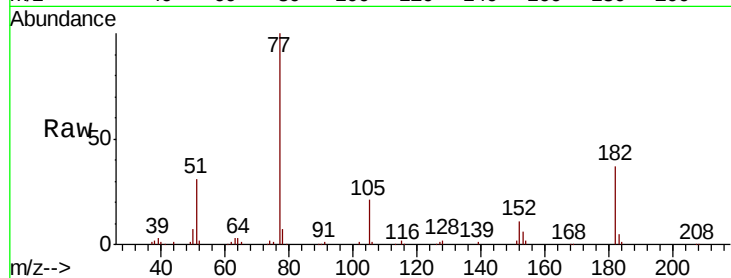




#63
Azobenzene
Concen: 8.383 ng
RT: 16.03 min Scan# 2203
Delta R.T. -0.00 min
Lab File: BG041805.D
Acq: 30 Jul 2019 17:15

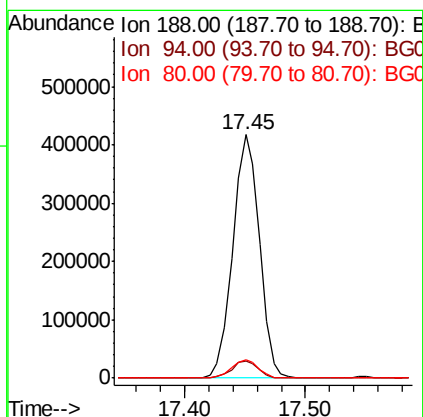
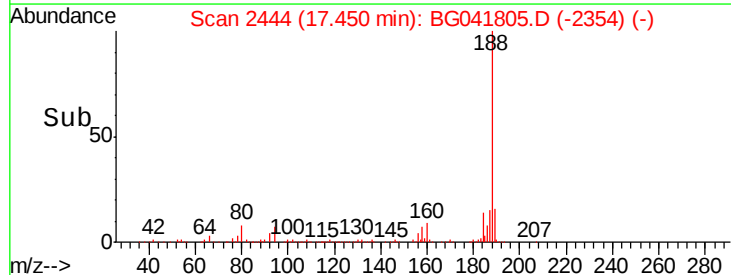
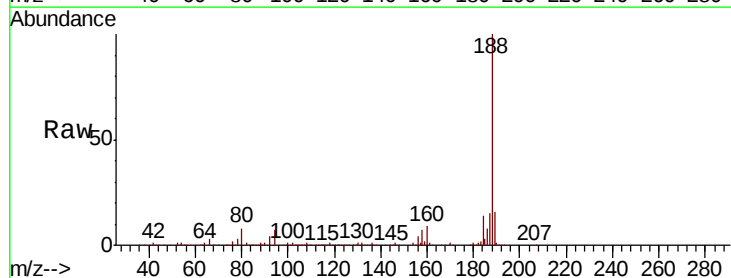
Instrument :
BNA_G
ClientSampleId :

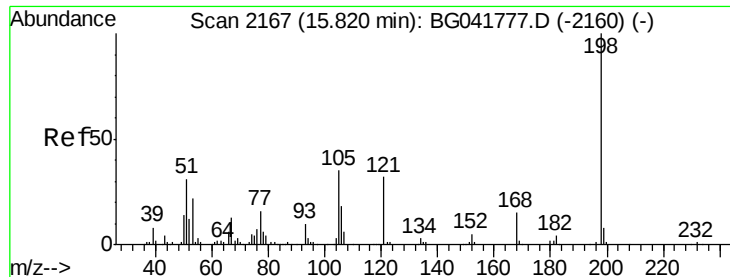
Tot Ion	Ratio	Lower	Upper
77	100		
182	37.1	13.2	53.2
105	20.8	2.2	42.2
51	30.6	14.6	54.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2444
Delta R.T. -0.00 min
Lab File: BG041805.D
Acq: 30 Jul 2019 17:15

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.1	6.9	10.3
80	7.7	8.0	12.0





#65

4,6-Dinitro-2-methylphenol

Concen: 6.924 ng

RT: 15.82 min Scan# 2166

Delta R.T. -0.00 min

Lab File: BG041805.D

Acq: 30 Jul 2019 17:15

Instrument :

BNA_G

ClientSampleId :

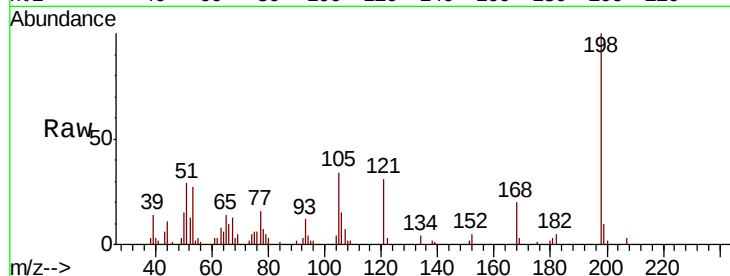
Tot Ion:198 Resp: 19453

Ion	Ratio	Lower	Upper
198	100		
51	29.1	22.3	62.3
105	34.2	18.0	58.0

198 100

51 29.1 22.3 62.3

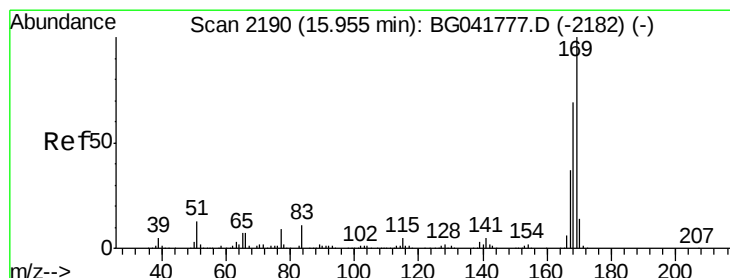
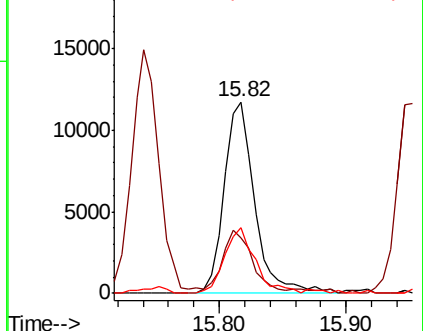
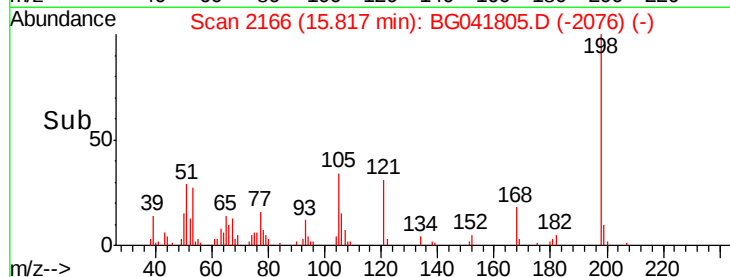
105 34.2 18.0 58.0



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG041805.D (-2099) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 8.123 ng

RT: 15.95 min Scan# 2189

Delta R.T. -0.00 min

Lab File: BG041805.D

Acq: 30 Jul 2019 17:15

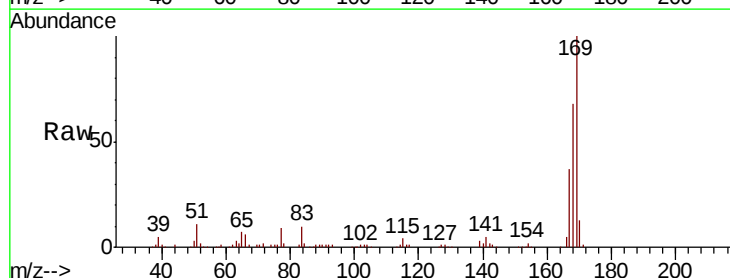
Tgt Ion:169 Resp: 141740

Ion	Ratio	Lower	Upper
169	100		
168	67.9	56.9	85.3
167	36.6	31.5	47.3

169 100

168 67.9 56.9 85.3

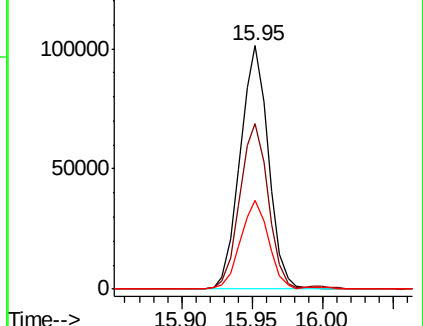
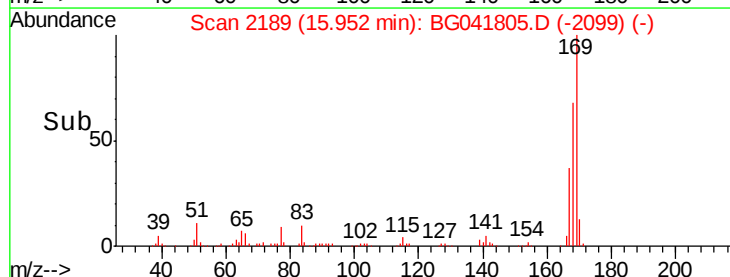
167 36.6 31.5 47.3

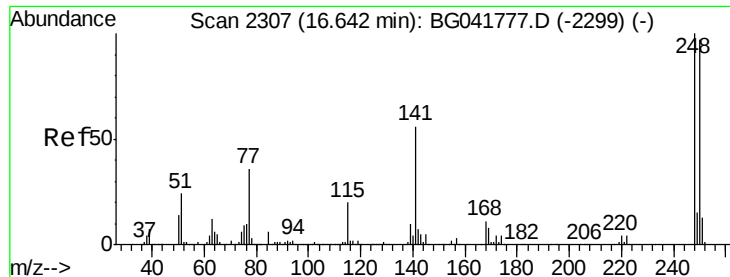


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

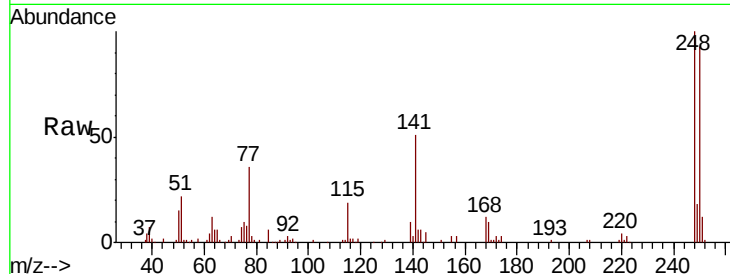




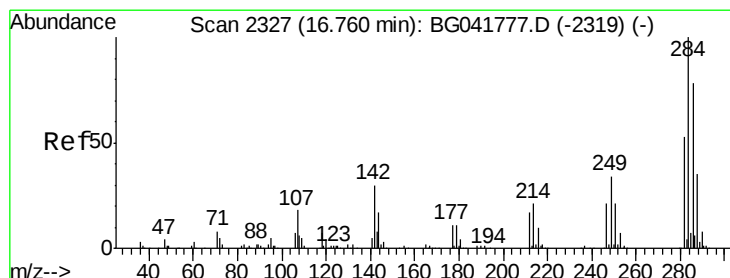
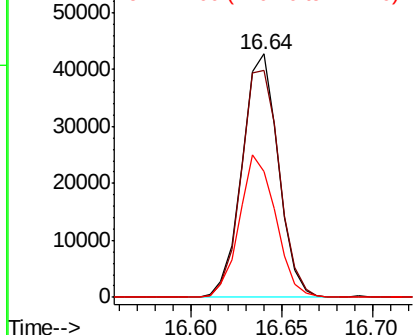
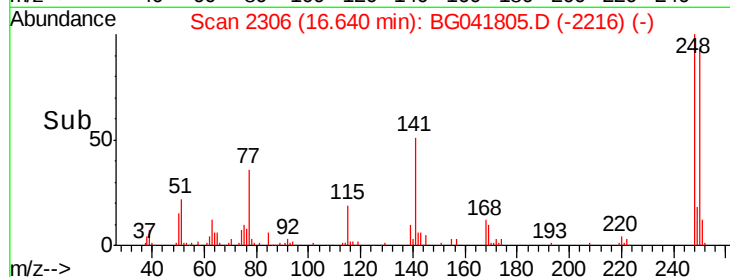
#67
4-Bromophenyl-phenylether
Concen: 7.566 ng
RT: 16.64 min Scan# 2306
Delta R.T. -0.00 min
Lab File: BG041805.D
Acq: 30 Jul 2019 17:15

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 59700
Ion Ratio Lower Upper
248 100
250 93.1 78.1 117.1
141 51.5 49.6 74.4

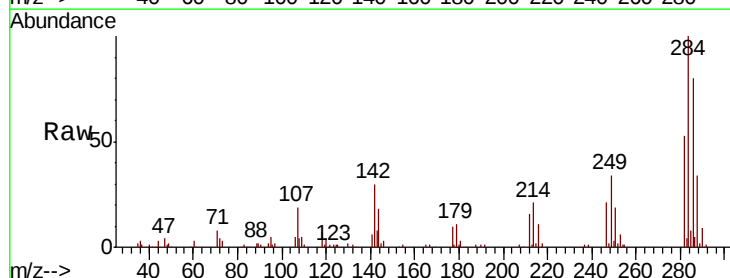


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

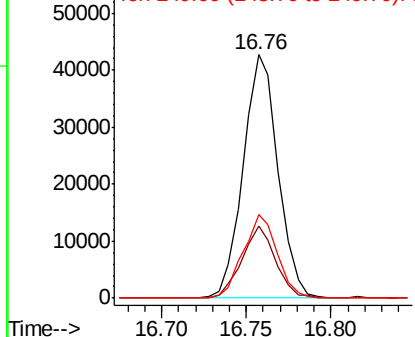
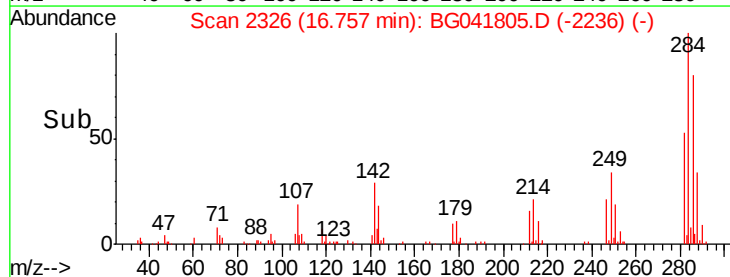


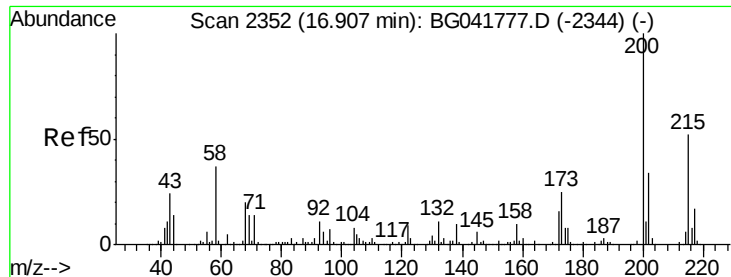
#68
Hexachlorobenzene
Concen: 7.400 ng
RT: 16.76 min Scan# 2326
Delta R.T. -0.00 min
Lab File: BG041805.D
Acq: 30 Jul 2019 17:15

Tgt Ion:284 Resp: 61082
Ion Ratio Lower Upper
284 100
142 29.7 27.0 40.6
249 34.2 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

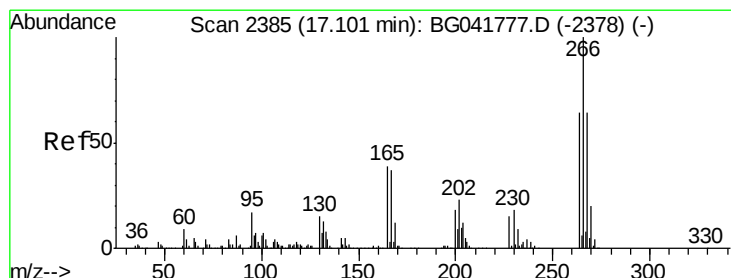
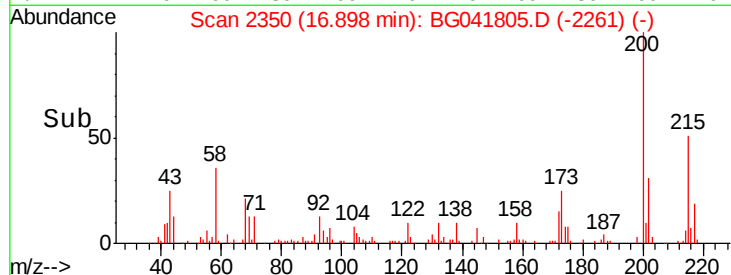
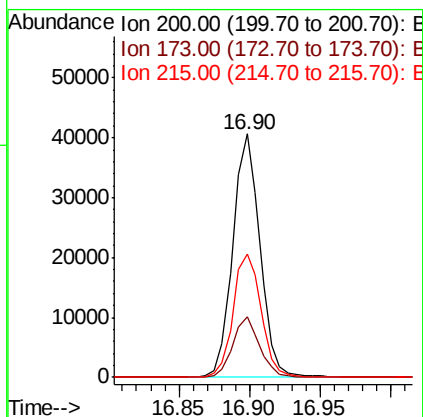
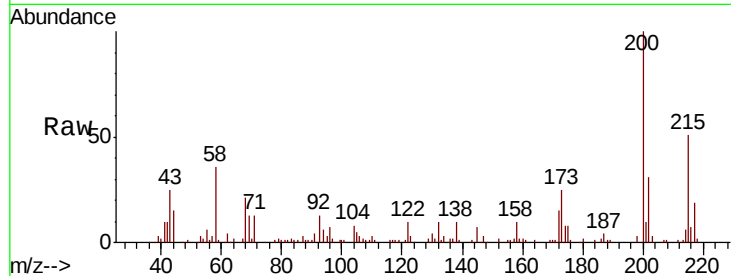




#69
Atrazine
Concen: 7.923 ng
RT: 16.90 min Scan# 2350
Delta R.T. -0.01 min
Lab File: BG041805.D
Acq: 30 Jul 2019 17:15

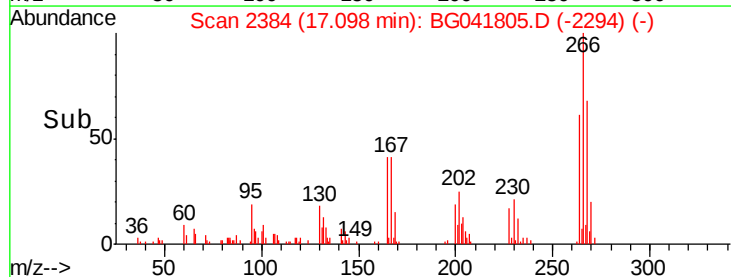
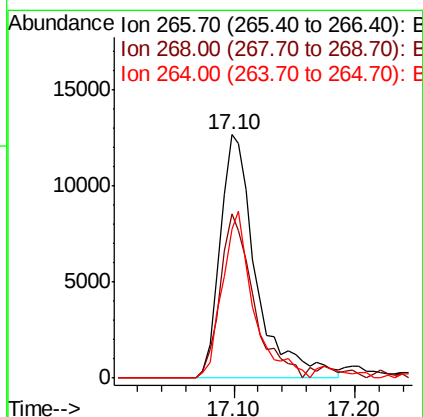
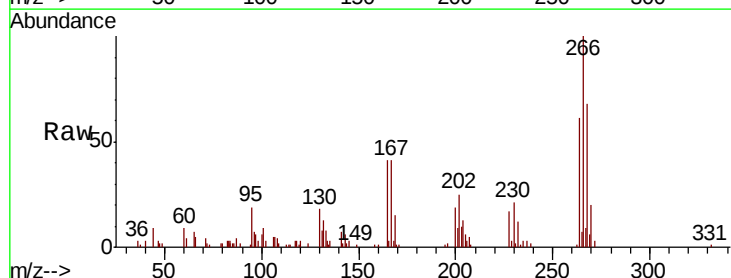
Instrument :
BNA_G
ClientSampleId :

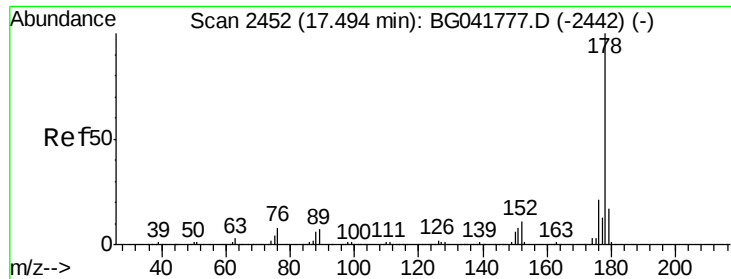
Tot Ion:200 Resp: 54318
Ion Ratio Lower Upper
200 100
173 24.9 5.3 45.3
215 50.8 31.8 71.8



#70
Pentachlorophenol
Concen: 5.565 ng
RT: 17.10 min Scan# 2384
Delta R.T. -0.00 min
Lab File: BG041805.D
Acq: 30 Jul 2019 17:15

Tgt Ion:266 Resp: 26098
Ion Ratio Lower Upper
266 100
268 73.7 52.9 79.3
264 61.3 51.4 77.2

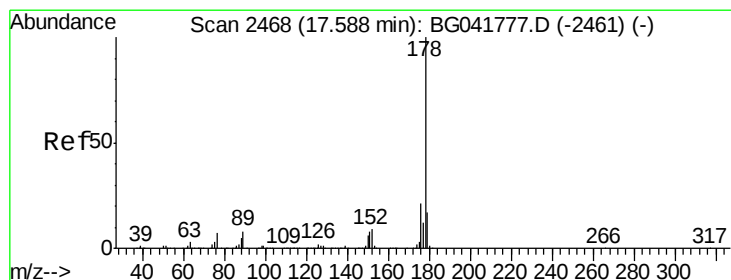
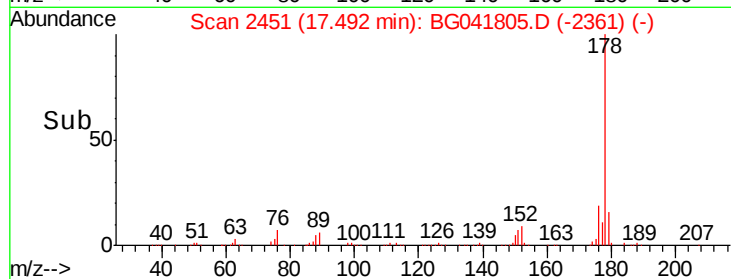
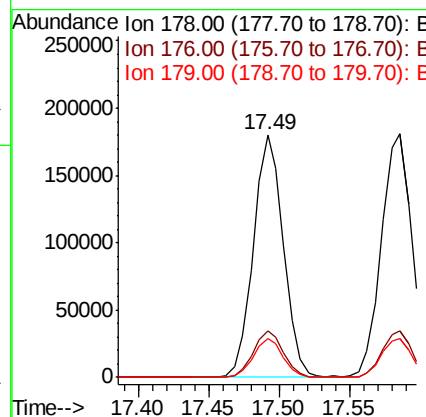
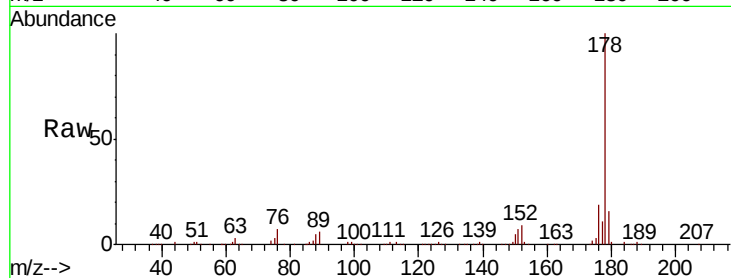




#71
Phenanthrene
Concen: 8.737 ng
RT: 17.49 min Scan# 2451
Delta R.T. -0.00 min
Lab File: BG041805.D
Acq: 30 Jul 2019 17:15

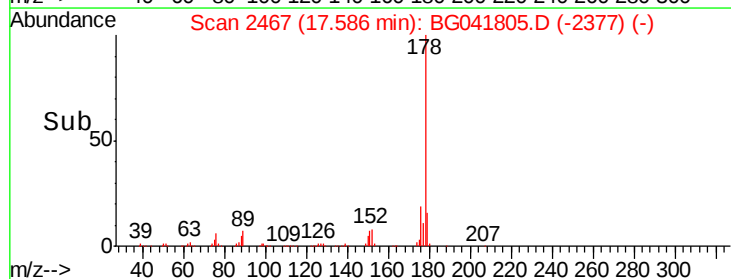
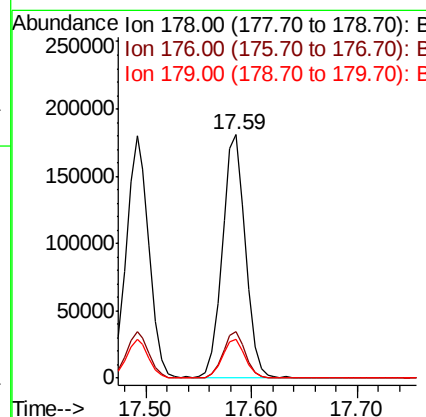
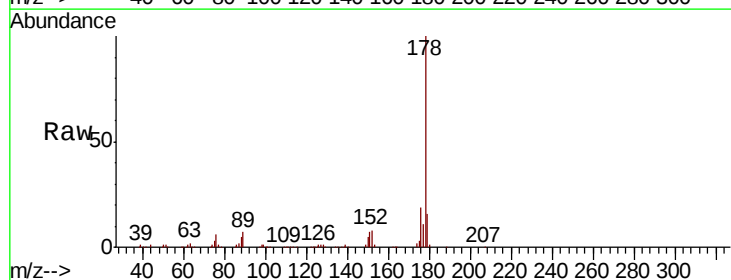
Instrument :
BNA_G
ClientSampleId :

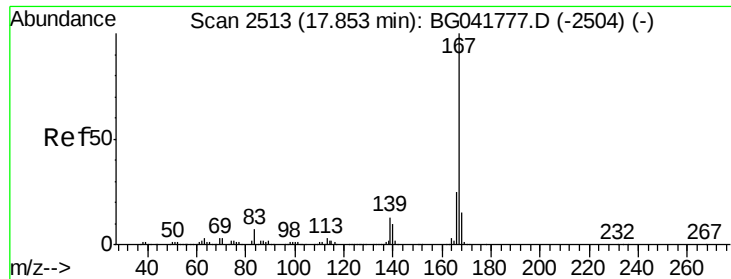
Tot Ion:178 Resp: 268270
Ion Ratio Lower Upper
178 100
176 19.0 18.6 28.0
179 16.0 15.4 23.0



#72
Anthracene
Concen: 8.940 ng
RT: 17.59 min Scan# 2467
Delta R.T. -0.00 min
Lab File: BG041805.D
Acq: 30 Jul 2019 17:15

Tgt Ion:178 Resp: 273776
Ion Ratio Lower Upper
178 100
176 19.0 18.6 28.0
179 16.1 15.1 22.7

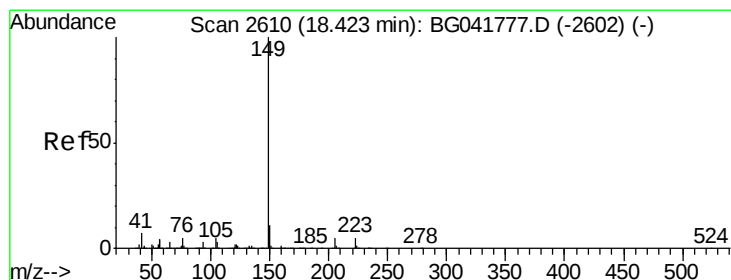
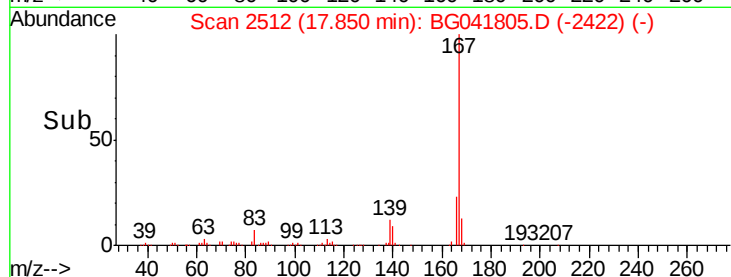
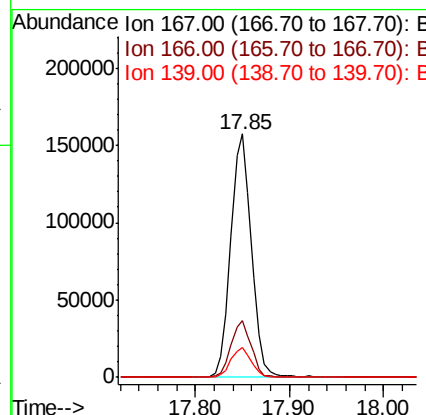
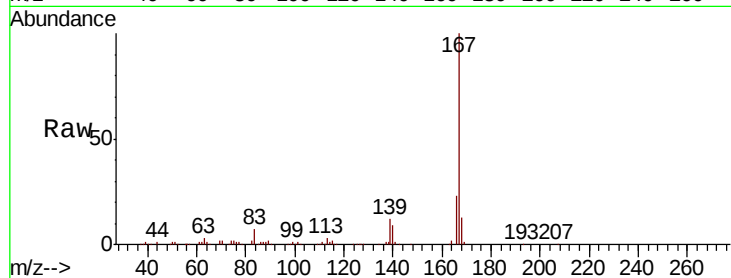




#73
 Carbazole
 Concen: 8.750 ng
 RT: 17.85 min Scan# 2512
 Delta R.T. -0.00 min
 Lab File: BG041805.D
 Acq: 30 Jul 2019 17:15

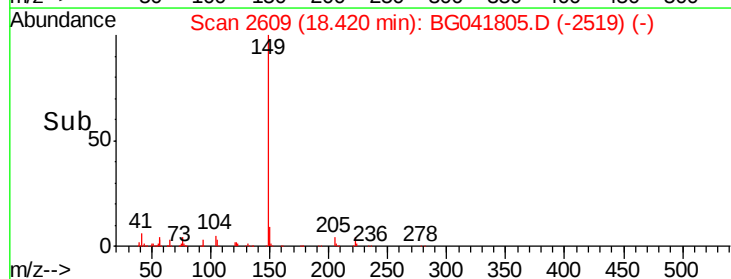
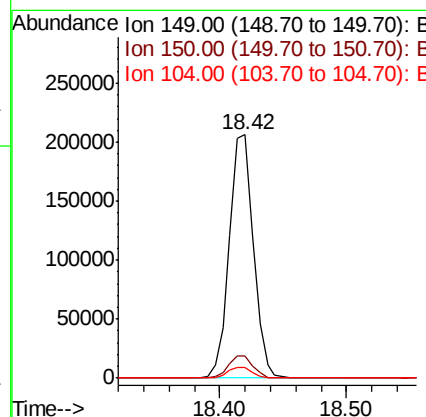
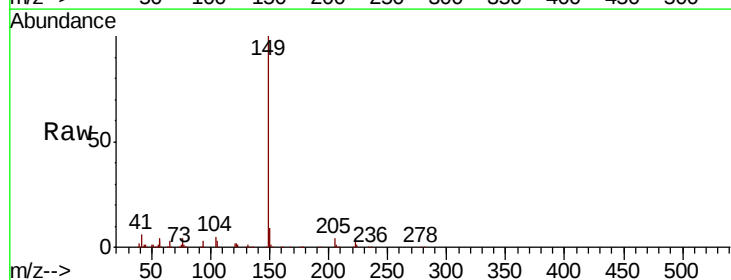
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.2	21.4	32.2
139	12.4	12.1	18.1



#74
 Di-n-butylphthalate
 Concen: 8.732 ng
 RT: 18.42 min Scan# 2609
 Delta R.T. -0.00 min
 Lab File: BG041805.D
 Acq: 30 Jul 2019 17:15

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	10.2	15.2#
104	4.6	5.3	7.9#





#75

Fluoranthene

Concen: 9.215 ng

RT: 19.50 min Scan# 2793

Delta R.T. -0.00 min

Lab File: BG041805.D

Acq: 30 Jul 2019 17:15

Instrument :

BNA_G

ClientSampleId :

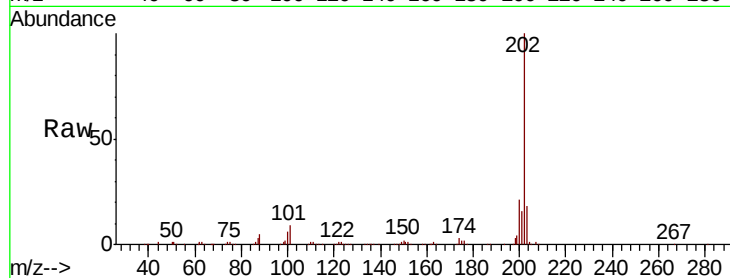
Tot Ion:202 Resp: 343909

Ion Ratio Lower Upper

202 100

101 9.4 0.0 32.8

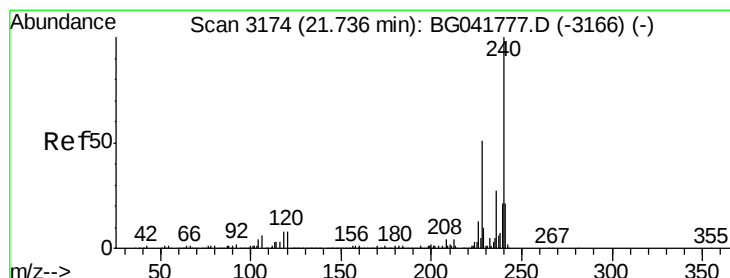
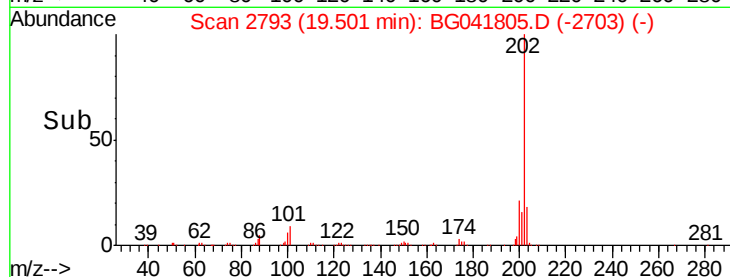
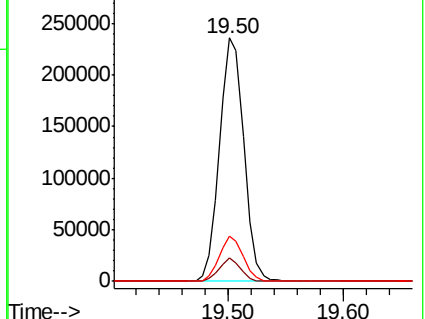
203 18.5 3.7 43.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.73 min Scan# 3173

Delta R.T. -0.00 min

Lab File: BG041805.D

Acq: 30 Jul 2019 17:15

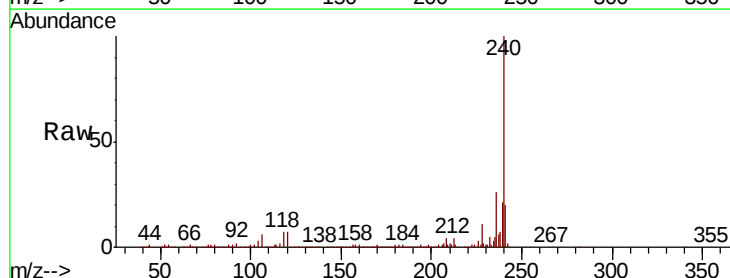
Tgt Ion:240 Resp: 658366

Ion Ratio Lower Upper

240 100

120 7.2 8.0 12.0#

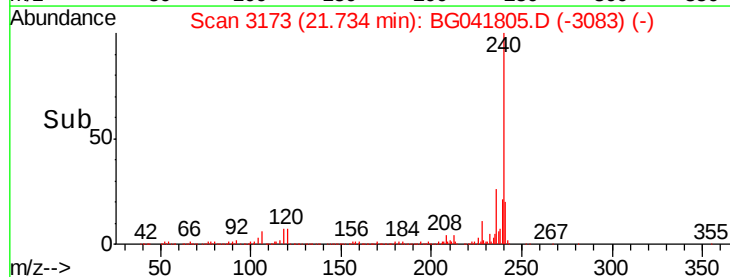
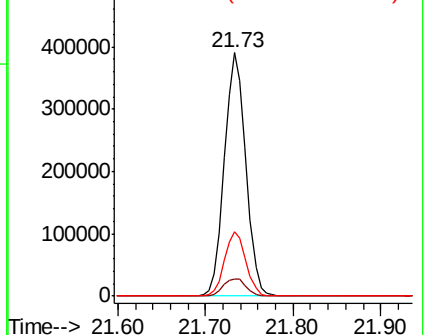
236 26.4 22.6 33.8

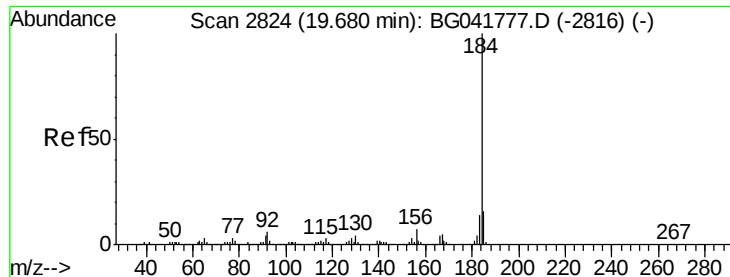


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 6.918 ng

RT: 19.68 min Scan# 2823

Delta R.T. -0.00 min

Lab File: BG041805.D

Acq: 30 Jul 2019 17:15

Instrument :

BNA_G

ClientSampleId :

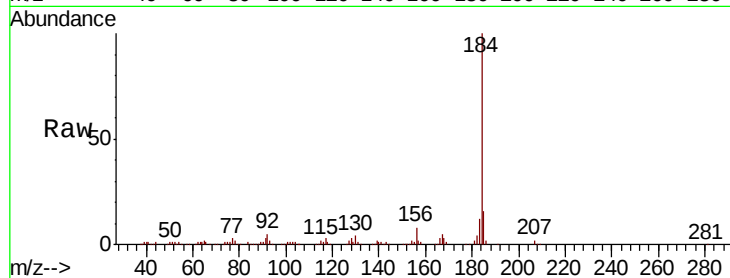
Tot Ion:184 Resp: 148669

Ion Ratio Lower Upper

184 100

185 15.9 13.0 19.4

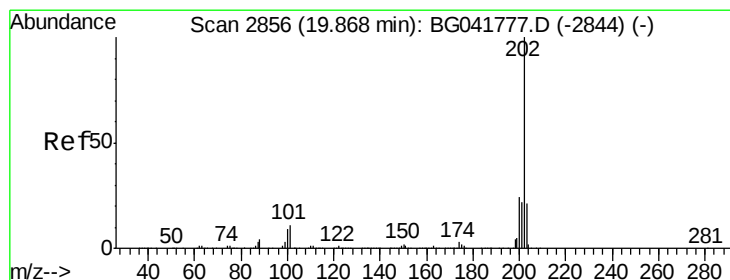
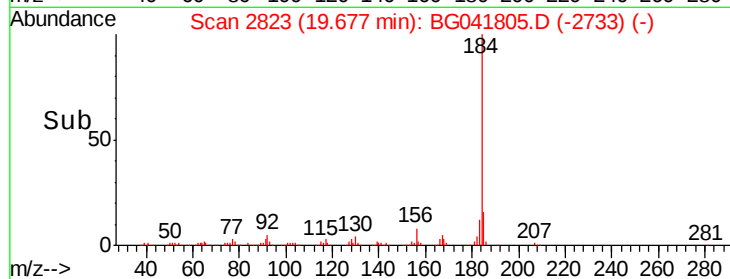
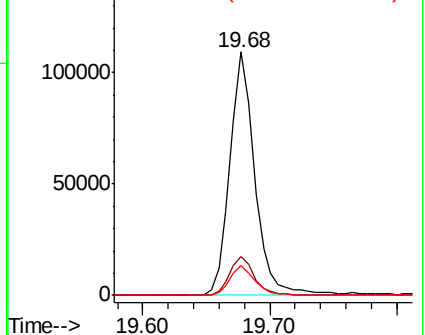
183 12.1 11.8 17.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 9.050 ng

RT: 19.87 min Scan# 2855

Delta R.T. -0.00 min

Lab File: BG041805.D

Acq: 30 Jul 2019 17:15

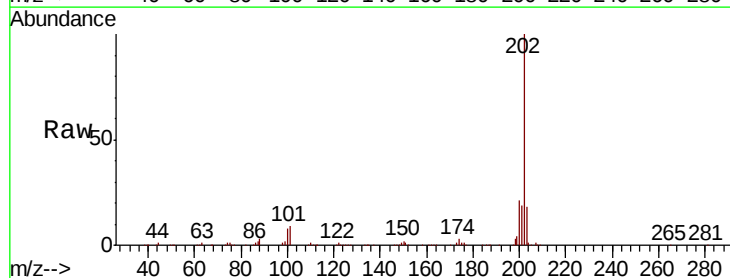
Tgt Ion:202 Resp: 353034

Ion Ratio Lower Upper

202 100

200 20.7 22.2 33.2#

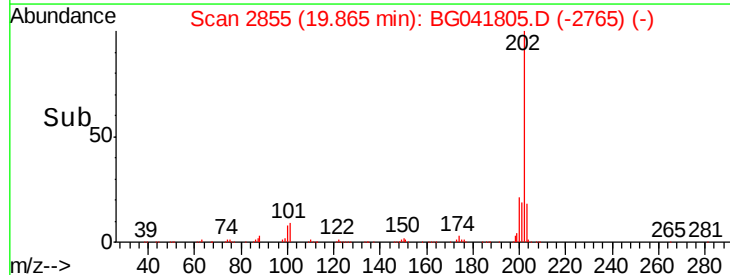
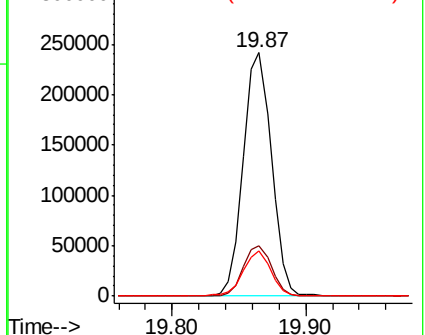
203 18.5 18.9 28.3#

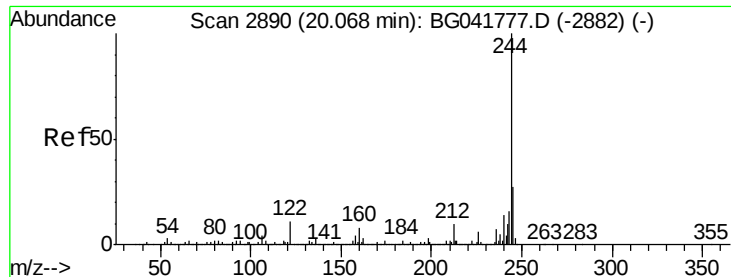


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 73.466 ng

RT: 20.07 min Scan# 2889

Delta R.T. -0.00 min

Lab File: BG041805.D

Acq: 30 Jul 2019 17:15

Instrument :

BNA_G

ClientSampleId :

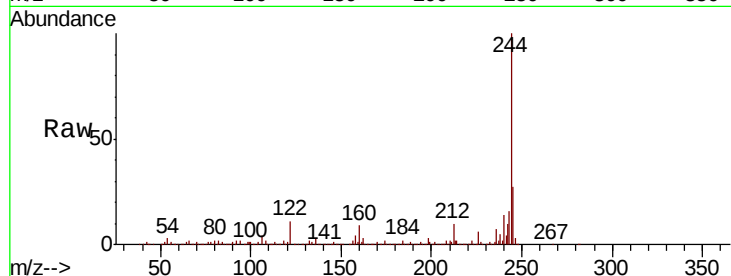
Tot Ion:244 Resp: 2113716

Ion Ratio Lower Upper

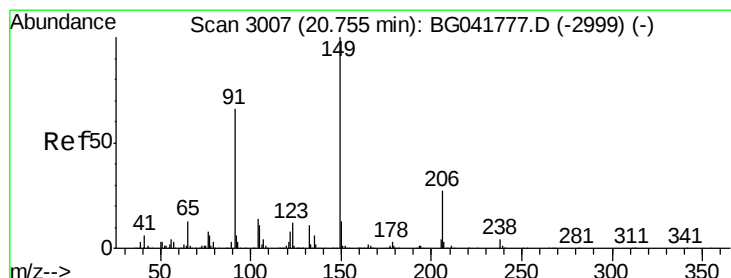
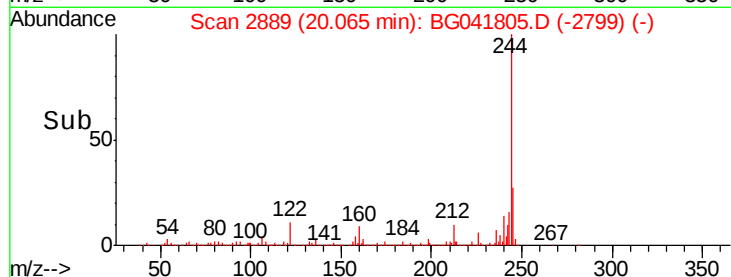
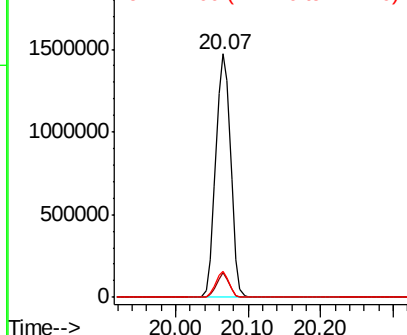
244 100

212 10.0 9.7 14.5

122 10.7 12.5 18.7#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 7.561 ng

RT: 20.75 min Scan# 3006

Delta R.T. -0.00 min

Lab File: BG041805.D

Acq: 30 Jul 2019 17:15

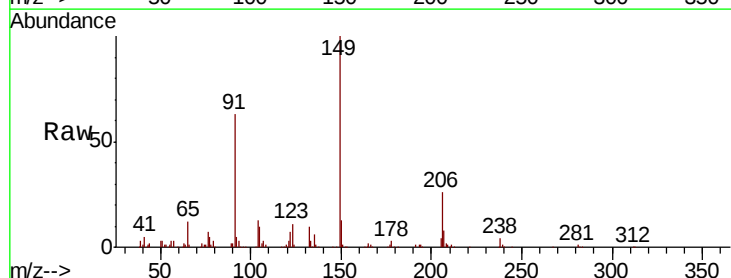
Tgt Ion:149 Resp: 113076

Ion Ratio Lower Upper

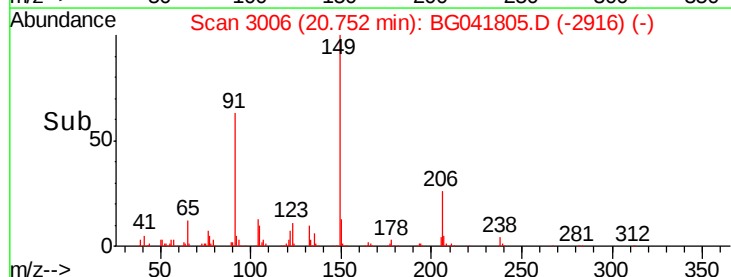
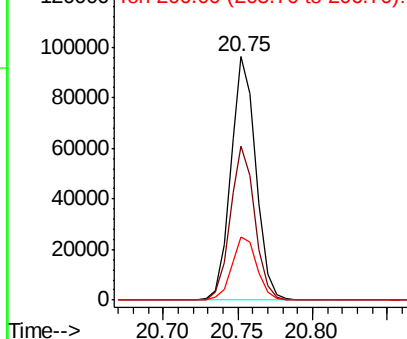
149 100

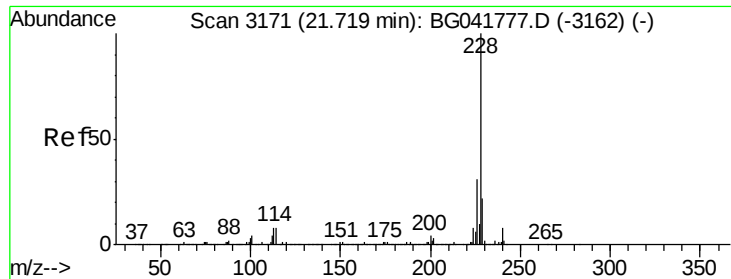
91 63.5 58.9 88.3

206 26.1 20.8 31.2



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 8.229 ng

RT: 21.78 min Scan# 3181

Delta R.T. 0.06 min

Lab File: BG041805.D

Acq: 30 Jul 2019 17:15

Instrument :

BNA_G

ClientSampled :

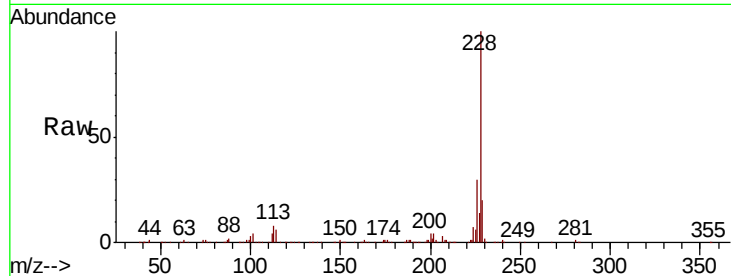
Tot Ion:228 Resp: 320531

Ion Ratio Lower Upper

228 100

226 30.3 27.3 40.9

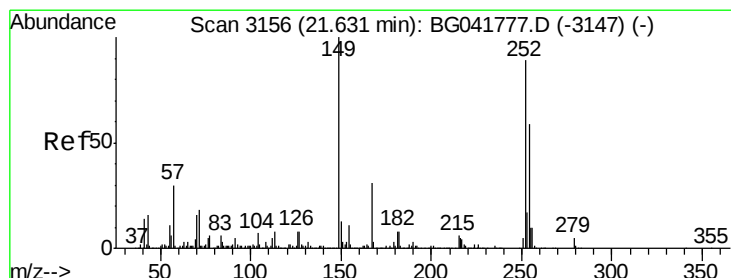
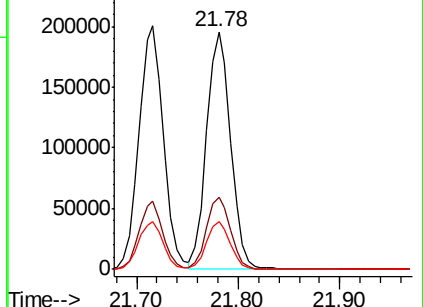
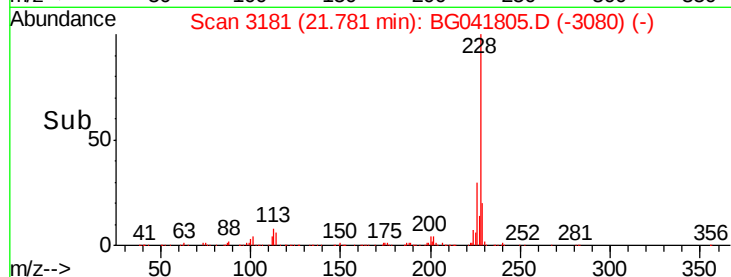
229 19.9 19.7 29.5



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: 8.203 ng

RT: 21.63 min Scan# 3155

Delta R.T. -0.00 min

Lab File: BG041805.D

Acq: 30 Jul 2019 17:15

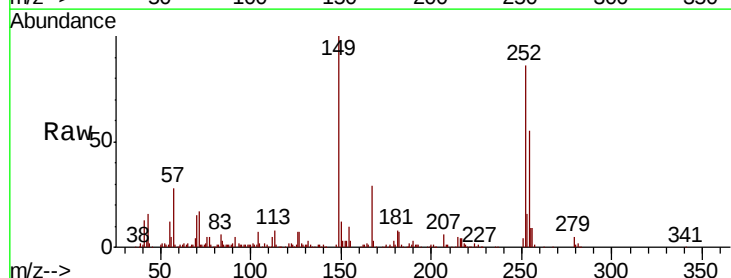
Tgt Ion:252 Resp: 128283

Ion Ratio Lower Upper

252 100

254 64.1 53.8 80.6

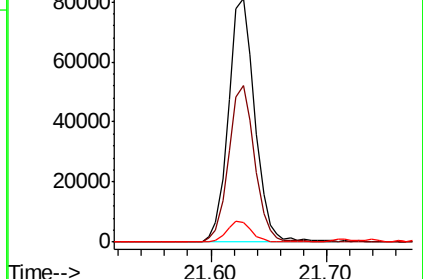
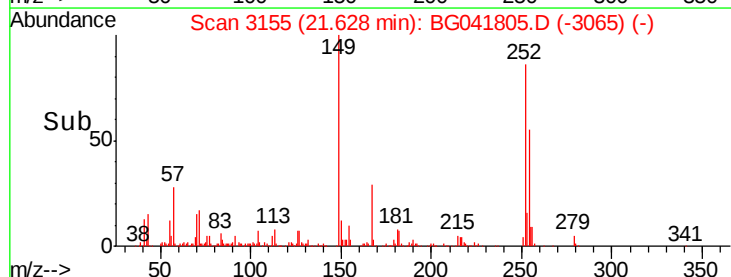
126 8.0 7.8 11.8

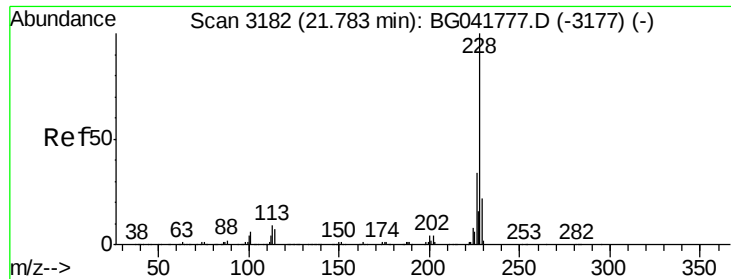


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 8.585 ng

RT: 21.78 min Scan# 3181

Delta R.T. -0.00 min

Lab File: BG041805.D

Acq: 30 Jul 2019 17:15

Instrument :

BNA_G

ClientSampleId :

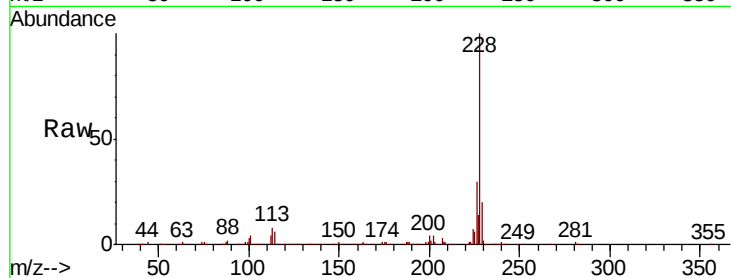
Tot Ion:228 Resp: 320531

Ion Ratio Lower Upper

228 100

226 30.3 30.1 45.1

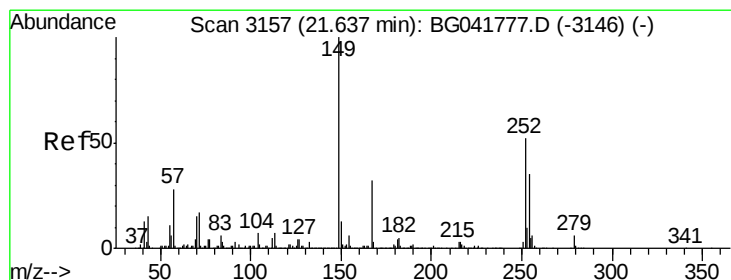
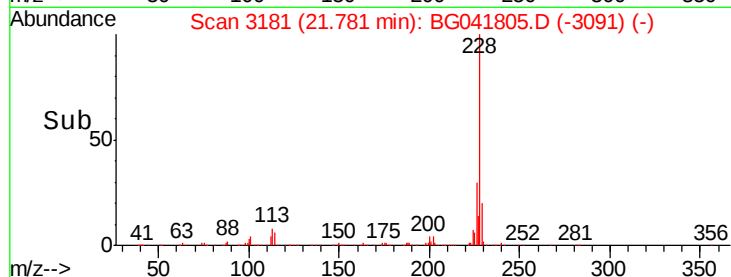
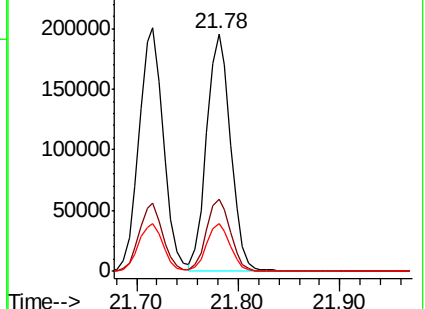
229 19.9 19.8 29.6



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: 8.134 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.00 min

Lab File: BG041805.D

Acq: 30 Jul 2019 17:15

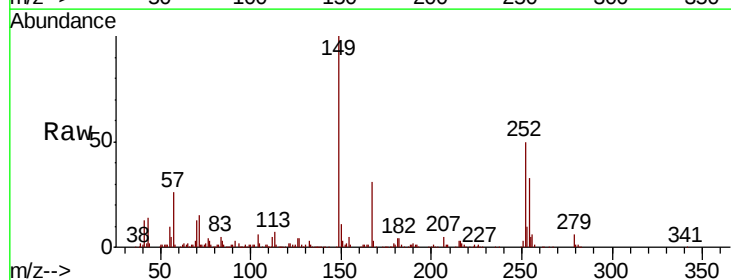
Tgt Ion:149 Resp: 167799

Ion Ratio Lower Upper

149 100

167 31.2 27.0 40.4

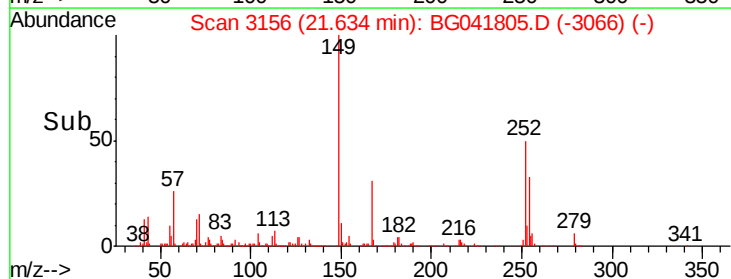
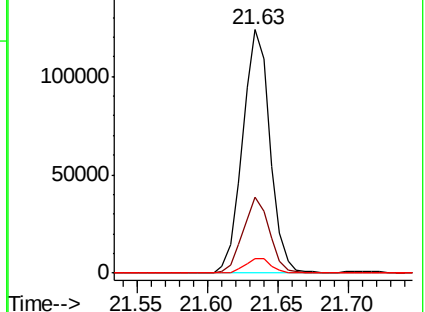
279 5.8 5.0 7.6

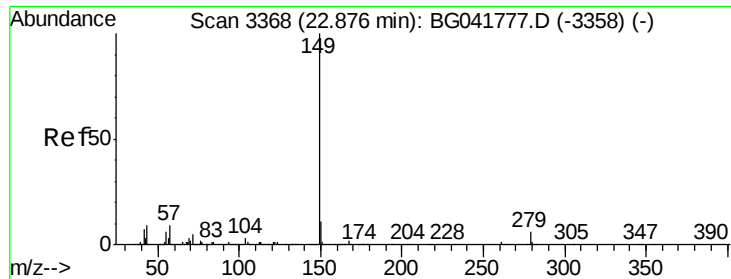


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

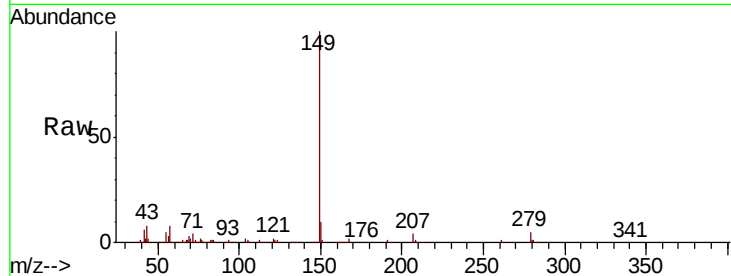




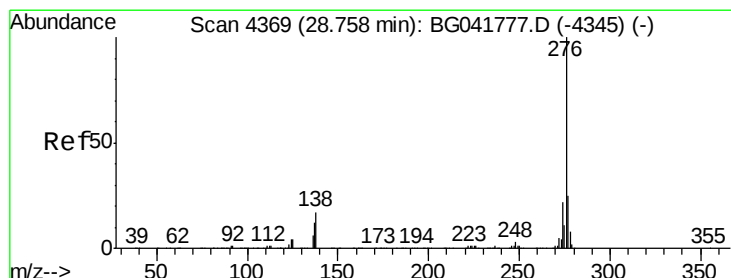
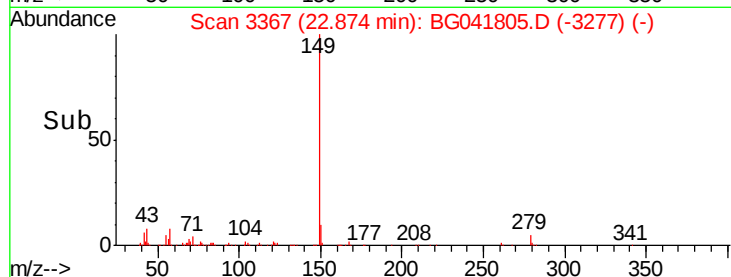
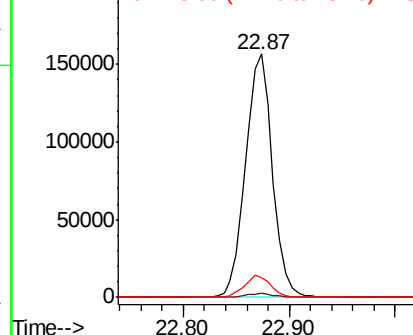
#85
Di-n-octyl phthalate
Concen: 7.959 ng
RT: 22.87 min Scan# 3367
Delta R.T. -0.00 min
Lab File: BG041805.D
Acq: 30 Jul 2019 17:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 276324
Ion Ratio Lower Upper
149 100
167 1.7 1.6 2.4
43 8.8 10.6 16.0#

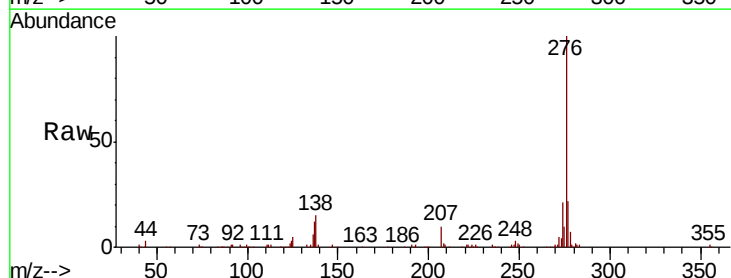


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

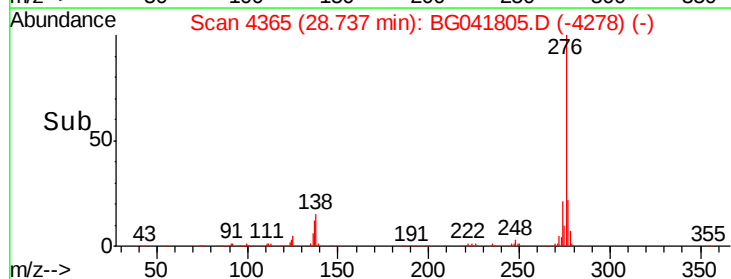
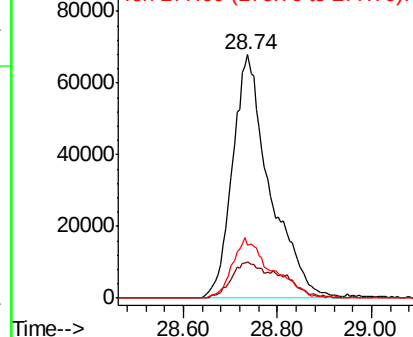


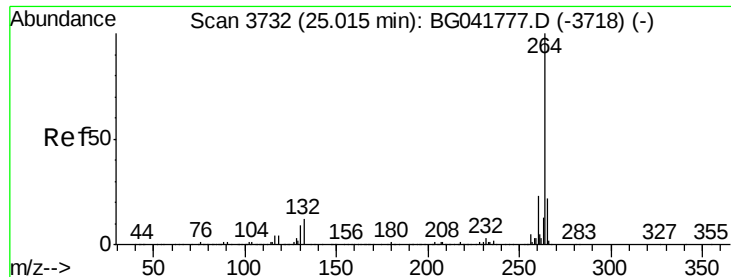
#86
Indeno(1,2,3-cd)pyrene
Concen: 7.548 ng
RT: 28.74 min Scan# 4365
Delta R.T. -0.02 min
Lab File: BG041805.D
Acq: 30 Jul 2019 17:15

Tgt Ion:276 Resp: 373086
Ion Ratio Lower Upper
276 100
138 13.1 19.4 29.0#
277 25.8 21.2 31.8



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.01 min Scan# 3730

Delta R.T. -0.01 min

Lab File: BG041805.D

Acq: 30 Jul 2019 17:15

Instrument :

BNA_G

ClientSampleId :

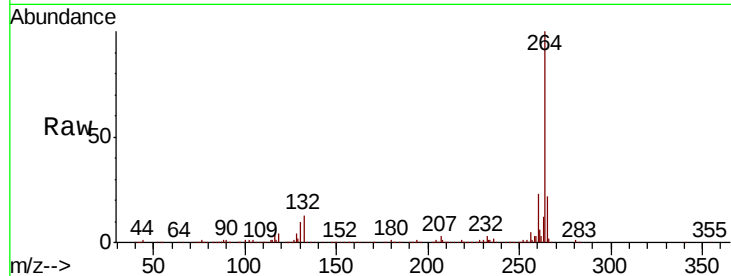
Tot Ion:264 Resp: 745522

Ion Ratio Lower Upper

264 100

260 23.0 19.5 29.3

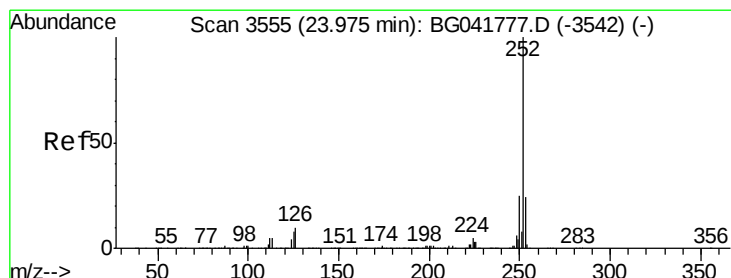
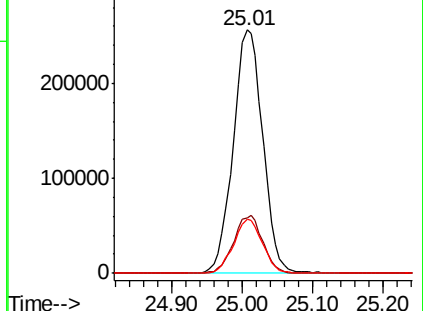
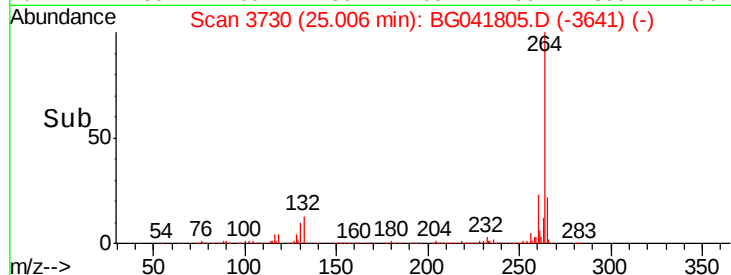
265 22.4 18.0 27.0



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: 8.293 ng

RT: 23.97 min Scan# 3553

Delta R.T. -0.01 min

Lab File: BG041805.D

Acq: 30 Jul 2019 17:15

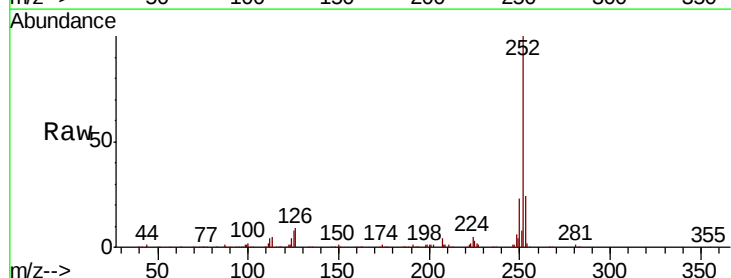
Tgt Ion:252 Resp: 338215

Ion Ratio Lower Upper

252 100

253 23.6 20.6 30.8

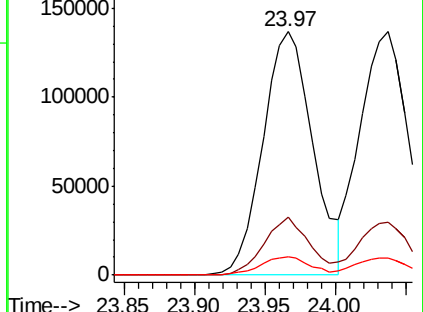
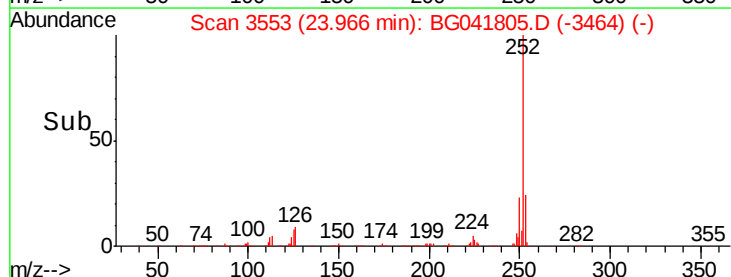
125 7.6 8.0 12.0#

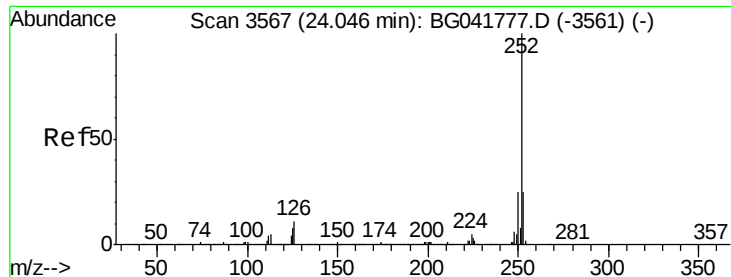


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

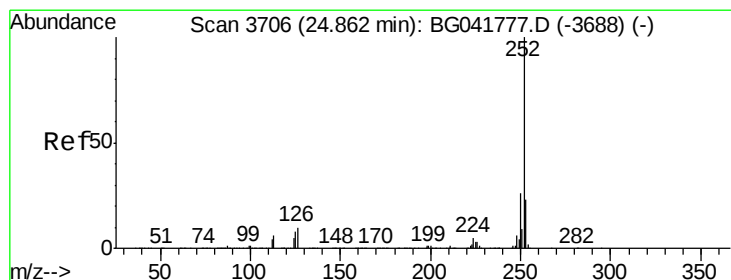
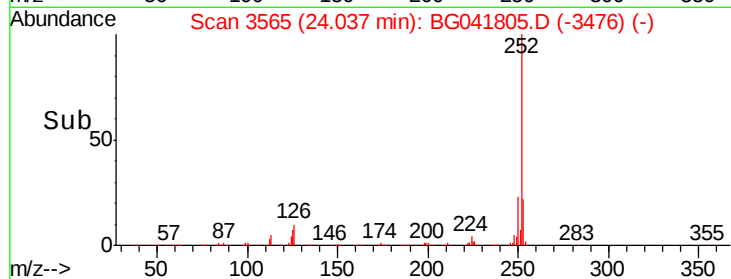
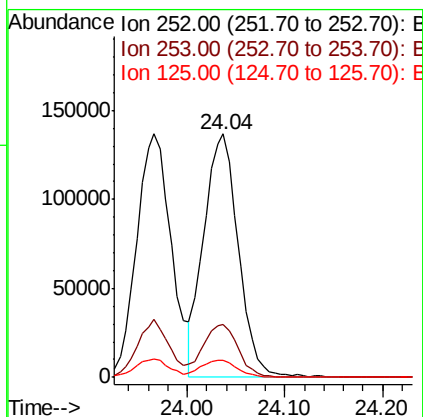
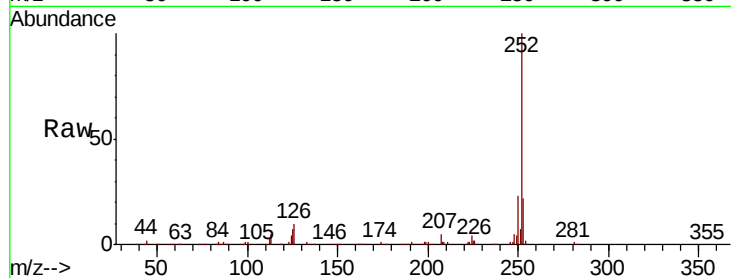




#89
Benzo(k)fluoranthene
Concen: 8.355 ng
RT: 24.04 min Scan# 3565
Delta R.T. -0.01 min
Lab File: BG041805.D
Acq: 30 Jul 2019 17:15

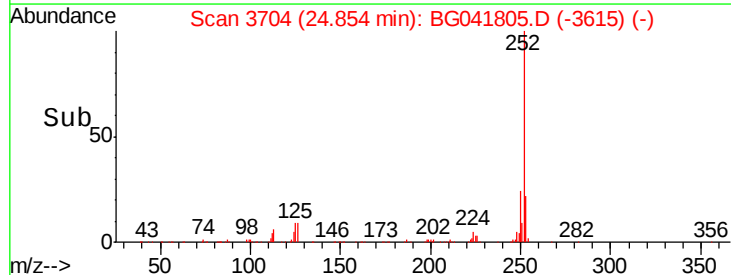
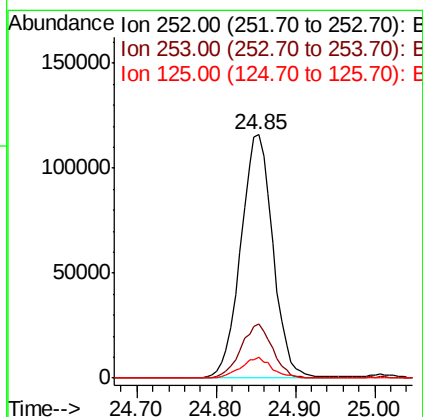
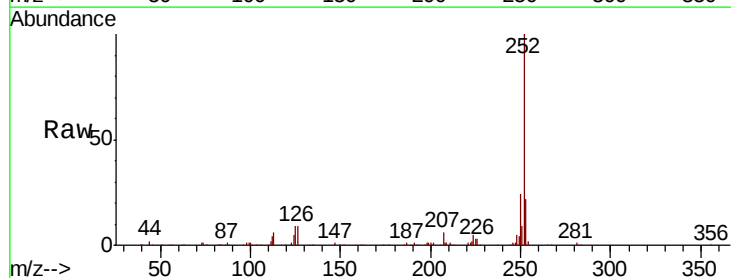
Instrument :
BNA_G
ClientSampleId :

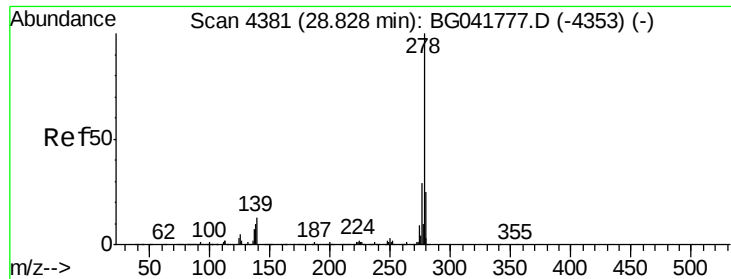
Tot Ion:252 Resp: 331938
Ion Ratio Lower Upper
252 100
253 21.7 20.5 30.7
125 7.0 8.4 12.6#



#90
Benzo(a)pyrene
Concen: 8.376 ng
RT: 24.85 min Scan# 3704
Delta R.T. -0.01 min
Lab File: BG041805.D
Acq: 30 Jul 2019 17:15

Tgt Ion:252 Resp: 327627
Ion Ratio Lower Upper
252 100
253 22.1 19.8 29.8
125 8.7 8.8 13.2#

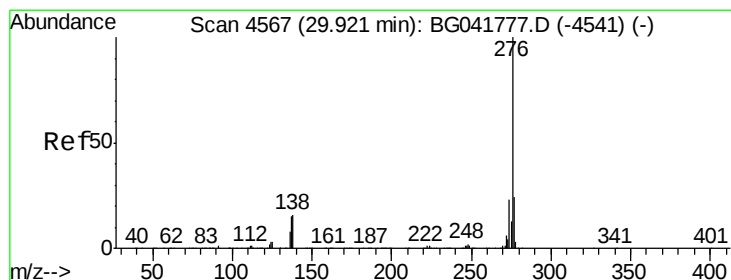
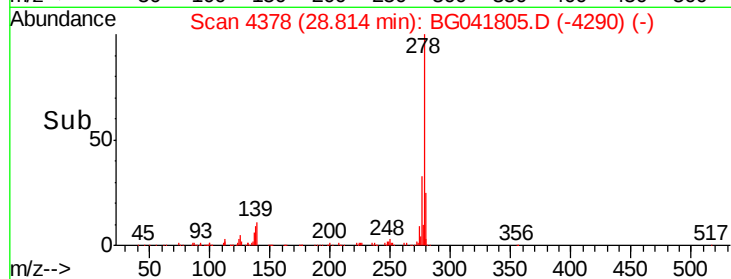
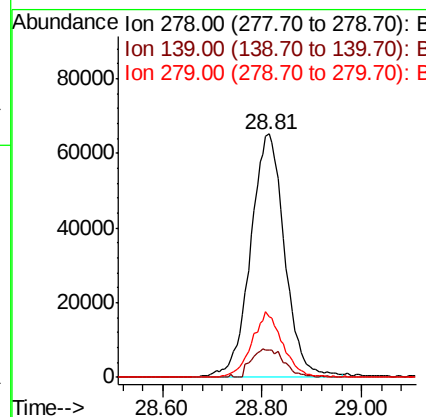
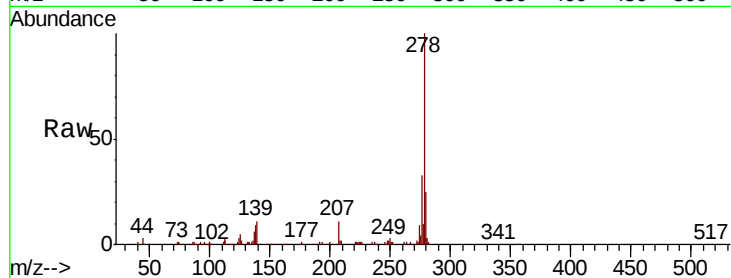




#91
Dibenzo(a,h)anthracene
Concen: 8.056 ng
RT: 28.81 min Scan# 4378
Delta R.T. -0.01 min
Lab File: BG041805.D
Acq: 30 Jul 2019 17:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	11.2	12.6	19.0#
279	24.7	20.5	30.7



#92
Benzo(g,h,i)perylene
Concen: 7.805 ng
RT: 29.90 min Scan# 4563
Delta R.T. -0.02 min
Lab File: BG041805.D
Acq: 30 Jul 2019 17:15

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.8	29.8
138	15.1	16.6	25.0#

