

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060619\
 Data File : BG041087.D
 Acq On : 6 Jun 2019 12:25
 Operator : HP/JU
 Sample : PB120371BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB120371BS

Quant Time: Jun 06 23:15:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 18:39:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	41058	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	143209	20.00	ng	-0.02
39) Acenaphthene-d10	14.74	164	100405	20.00	ng	-0.01
64) Phenanthrene-d10	17.49	188	248411	20.00	ng	-0.01
76) Chrysene-d12	21.77	240	277752	20.00	ng	-0.02
87) Perylene-d12	25.10	264	304045	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.65	112	294532	129.35	ng	0.00
7) Phenol-d6	7.26	99	396970	112.89	ng	0.00
23) Nitrobenzene-d5	9.29	82	269164	83.44	ng	-0.01
42) 2,4,6-Tribromophenol	16.23	330	189778	127.32	ng	-0.01
45) 2-Fluorobiphenyl	13.36	172	588779	84.45	ng	-0.02
79) Terphenyl-d14	20.08	244	1109630	84.79	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	43335	41.941	ng	# 90
3) Pyridine	3.92	79	118933	38.901	ng	95
4) n-Nitrosodimethylamine	3.84	42	66538	46.893	ng	90
6) Aniline	7.44	93	119610	25.483	ng	97
8) 2-Chlorophenol	7.67	128	116137	42.783	ng	96
9) Benzaldehyde	7.25	77	39980	19.059	ng	90
10) Phenol	7.29	94	158528	42.046	ng	95
11) bis(2-Chloroethyl)ether	7.53	93	108683	39.735	ng	98
12) 1,3-Dichlorobenzene	8.00	146	130094	40.126	ng	96
13) 1,4-Dichlorobenzene	8.15	146	133788	40.767	ng	96
14) 1,2-Dichlorobenzene	8.46	146	129106	40.518	ng	98
15) Benzyl Alcohol	8.35	79	131454	40.411	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.63	45	169190	37.854	ng	97
17) 2-Methylphenol	8.55	107	109125	39.974	ng	98
18) Hexachloroethane	9.19	117	52030	41.135	ng	99
19) n-Nitroso-di-n-propylamine	8.92	70	99941	36.931	ng	98
20) 3+4-Methylphenols	8.87	107	144774	38.285	ng	97
22) Acetophenone	8.94	105	192271	47.861	ng	# 97
24) Nitrobenzene	9.33	77	156950	47.742	ng	100
25) Isophorone	9.84	82	274810	44.764	ng	98
26) 2-Nitrophenol	10.04	139	66859	49.333	ng	94
27) 2,4-Dimethylphenol	10.09	122	116135	51.886	ng	93
28) bis(2-Chloroethoxy)methane	10.33	93	143809	43.402	ng	99
29) 2,4-Dichlorophenol	10.57	162	128205	45.105	ng	93
30) 1,2,4-Trichlorobenzene	10.79	180	147703	45.680	ng	96
31) Naphthalene	10.98	128	357516	46.497	ng	99
32) Benzoic acid	10.21	122	64391	38.861	ng	99
33) 4-Chloroaniline	11.10	127	83847	23.502	ng	95
34) Hexachlorobutadiene	11.25	225	109281	44.170	ng	94
35) Caprolactam	11.88	113	40410	43.053	ng	# 76
36) 4-Chloro-3-methylphenol	12.19	107	142560	43.917	ng	97
37) 2-Methylnaphthalene	12.58	142	257818	43.536	ng	98
38) 1-Methylnaphthalene	12.80	142	247294	44.314	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	190326	47.030	ng	99

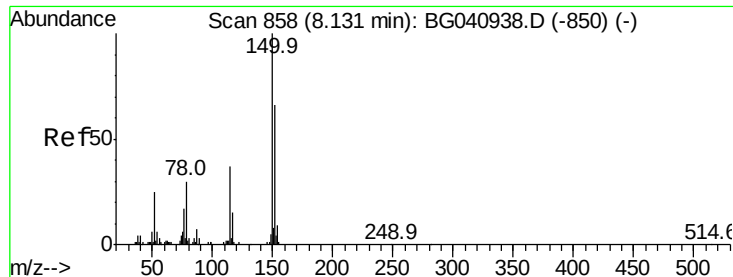
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060619\
 Data File : BG041087.D
 Acq On : 6 Jun 2019 12:25
 Operator : HP/JU
 Sample : PB120371BS
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Instrument :
 BNA_G
 ClientSampleId :
 PB120371BS

Quant Time: Jun 06 23:15:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 18:39:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	233398	104.481	ng	98
43) 2,4,6-Trichlorophenol	13.18	196	120755	46.126	ng	93
44) 2,4,5-Trichlorophenol	13.25	196	126909	45.965	ng	98
46) 1,1'-Biphenyl	13.58	154	340779	45.852	ng	99
47) 2-Chloronaphthalene	13.63	162	286761	44.944	ng	98
48) 2-Nitroaniline	13.83	65	99441	43.444	ng	98
49) Acenaphthylene	14.47	152	444551	46.293	ng	99
50) Dimethylphthalate	14.19	163	367587	43.249	ng	100
51) 2,6-Dinitrotoluene	14.32	165	81680	44.572	ng	96
52) Acenaphthene	14.81	154	256283	44.055	ng	98
53) 3-Nitroaniline	14.65	138	53871	29.398	ng	97
54) 2,4-Dinitrophenol	14.86	184	95061	93.017	ng	99
55) Dibenzofuran	15.14	168	445661	45.529	ng	99
56) 4-Nitrophenol	14.95	139	127277	101.262	ng	91
57) 2,4-Dinitrotoluene	15.10	165	116729	45.094	ng	99
58) Fluorene	15.79	166	349951	44.891	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.36	232	131578	48.493	ng	99
60) Diethylphthalate	15.54	149	370210	42.681	ng	99
61) 4-Chlorophenyl-phenylether	15.77	204	216911	42.809	ng	97
62) 4-Nitroaniline	15.82	138	83374	42.977	ng	94
63) Azobenzene	16.07	77	350505	44.460	ng	99
65) 4,6-Dinitro-2-methylphenol	15.86	198	70927	52.338	ng	98
66) n-Nitrosodiphenylamine	15.99	169	318108	45.554	ng	99
67) 4-Bromophenyl-phenylether	16.67	248	142979	42.650	ng	99
68) Hexachlorobenzene	16.78	284	151416	42.416	ng	98
69) Atrazine	16.93	200	137932	51.191	ng	97
70) Pentachlorophenol	17.13	266	186988	96.834	ng	97
71) Phenanthrene	17.53	178	606451	46.869	ng	98
72) Anthracene	17.62	178	628104	49.218	ng	99
73) Carbazole	17.89	167	550063	50.234	ng	98
74) Di-n-butylphthalate	18.42	149	630460	46.325	ng	99
75) Fluoranthene	19.53	202	828501	51.839	ng	99
77) Benzidine	19.72	184	300019	45.280	ng	98
78) Pyrene	19.90	202	822849	45.573	ng	100
80) Butylbenzylphthalate	20.76	149	312256	44.440	ng	98
81) Benzo(a)anthracene	21.75	228	837319	45.288	ng	99
82) 3,3'-Dichlorobenzidine	21.66	252	200128	30.775	ng	100
83) Chrysene	21.81	228	829830	46.901	ng	99
84) Bis(2-ethylhexyl)phthalate	21.61	149	442463	44.732	ng	99
85) Di-n-octyl phthalate	22.86	149	766815	46.548	ng	100
86) Indeno(1,2,3-cd)pyrene	28.93	276	1018721	47.003	ng	# 96
88) Benzo(b)fluoranthene	24.03	252	859859	46.627	ng	99
89) Benzo(k)fluoranthene	24.10	252	852322	46.705	ng	100
90) Benzo(a)pyrene	24.94	252	846941	48.137	ng	97
91) Dibenzo(a,h)anthracene	29.00	278	832384	47.347	ng	99
92) Benzo(g,h,i)perylene	30.14	276	843095	49.362	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.11 min Scan# 855

Delta R.T. -0.02 min

Lab File: BG041087.D

Acq: 6 Jun 2019 12:25

Instrument :

BNA_G

ClientSampleId :

PB120371BS

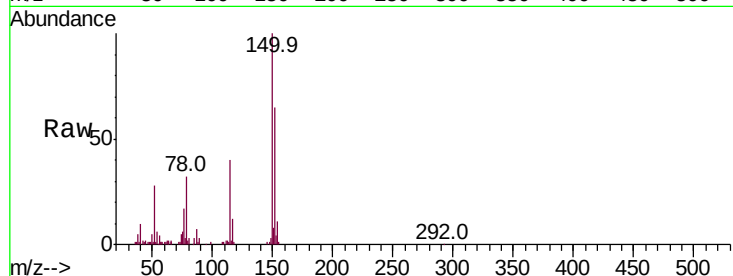
Tot Ion:152 Resp: 41058

Ion Ratio Lower Upper

152 100

150 154.5 120.6 180.8

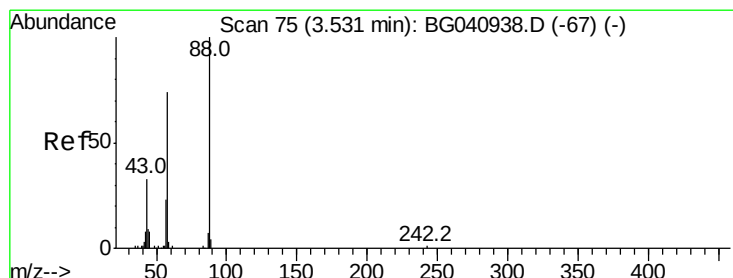
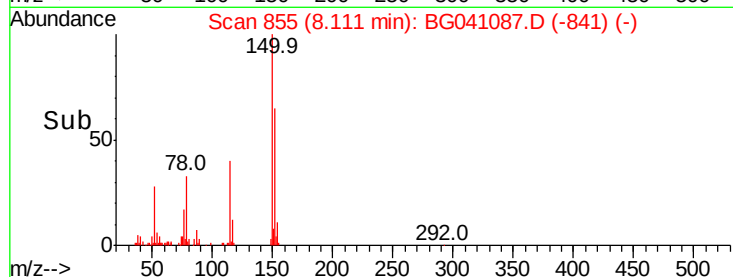
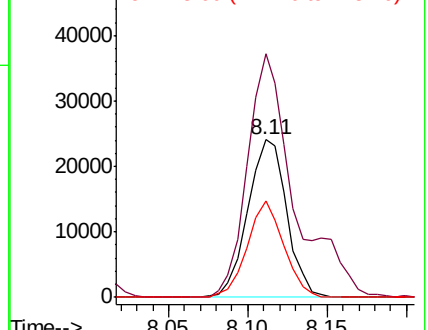
115 61.2 45.1 67.7



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: 41.941 ng

RT: 3.50 min Scan# 71

Delta R.T. -0.03 min

Lab File: BG041087.D

Acq: 6 Jun 2019 12:25

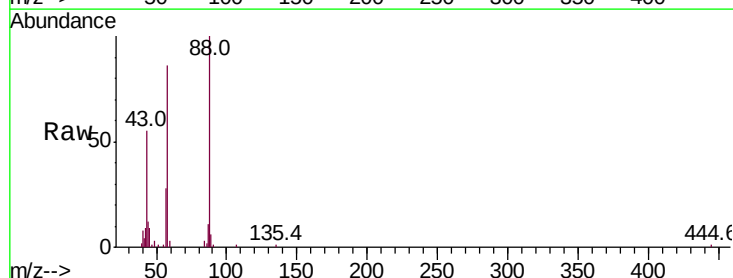
Tgt Ion: 88 Resp: 43335

Ion Ratio Lower Upper

88 100

58 80.5 59.0 88.6

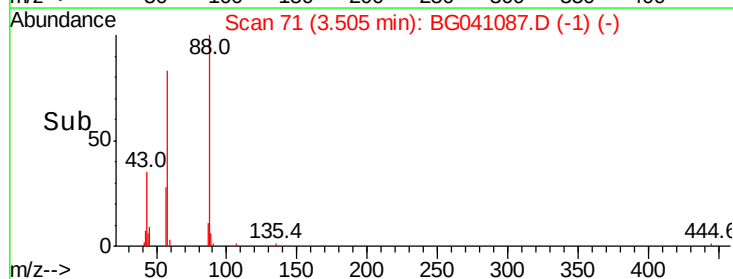
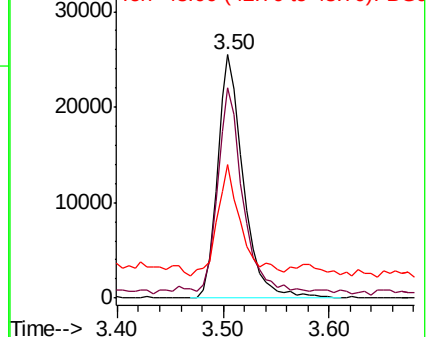
43 42.9 27.2 40.8#

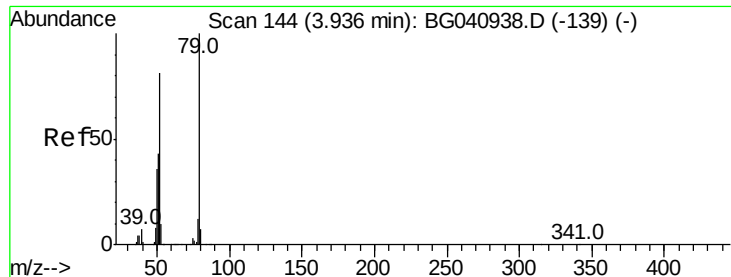


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 38.901 ng

RT: 3.92 min Scan# 141

Delta R.T. -0.02 min

Lab File: BG041087.D

Acq: 6 Jun 2019 12:25

Instrument :

BNA_G

ClientSampleId :

PB120371BS

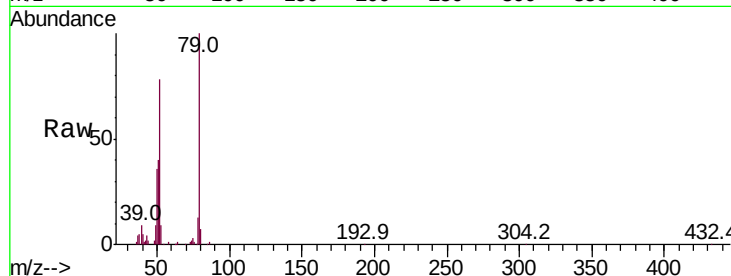
Tot Ion: 79 Resp: 118933

Ion Ratio Lower Upper

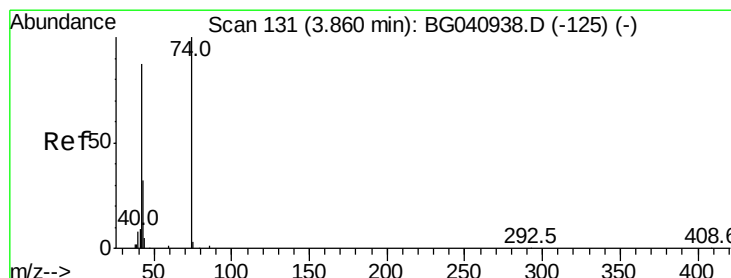
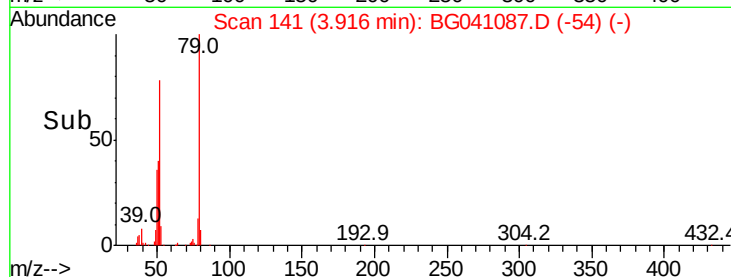
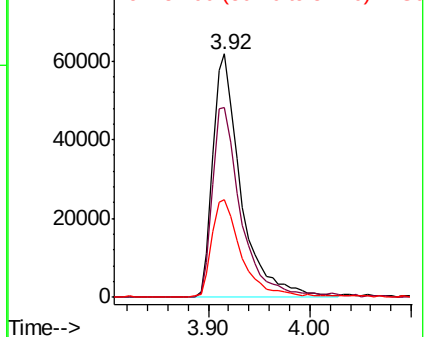
79 100

52 77.9 64.8 97.2

51 39.9 35.3 52.9



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



#4

n-Nitrosodimethylamine

Concen: 46.893 ng

RT: 3.84 min Scan# 128

Delta R.T. -0.02 min

Lab File: BG041087.D

Acq: 6 Jun 2019 12:25

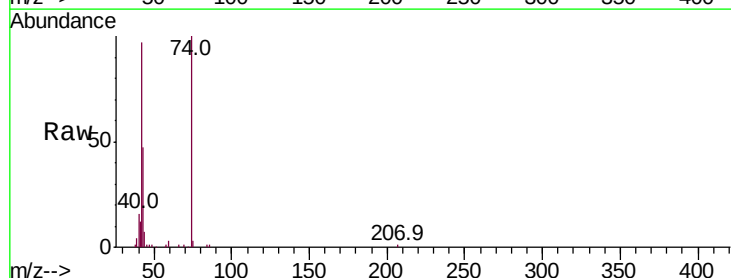
Tgt Ion: 42 Resp: 66538

Ion Ratio Lower Upper

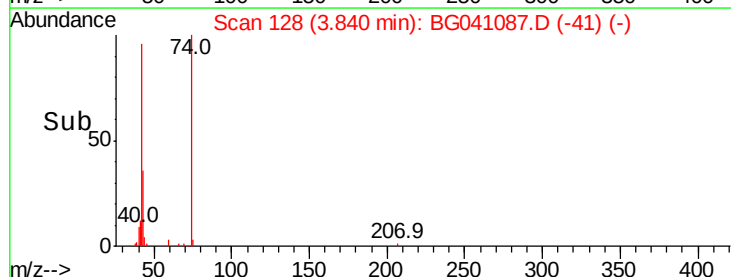
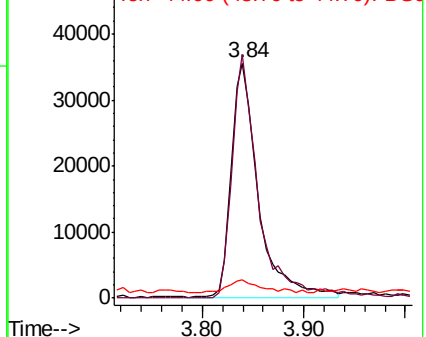
42 100

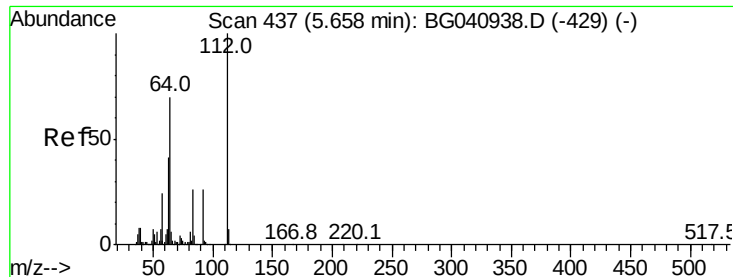
74 103.5 91.8 137.6

44 7.5 6.0 9.0



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





#5

2-Fluorophenol

Concen: 129.354 ng

RT: 5.65 min Scan# 436

Delta R.T. -0.01 min

Lab File: BG041087.D

Acq: 6 Jun 2019 12:25

Instrument :

BNA_G

ClientSampleId :

PB120371BS

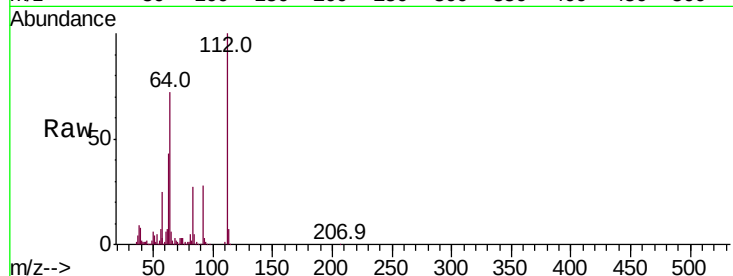
Tot Ion:112 Resp: 294532

Ion Ratio Lower Upper

112 100

64 72.2 56.2 84.2

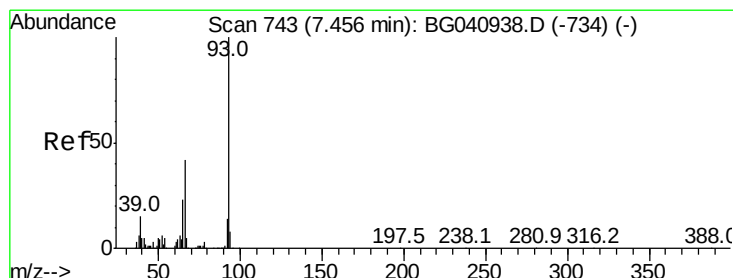
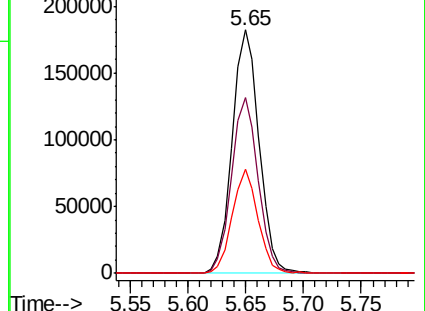
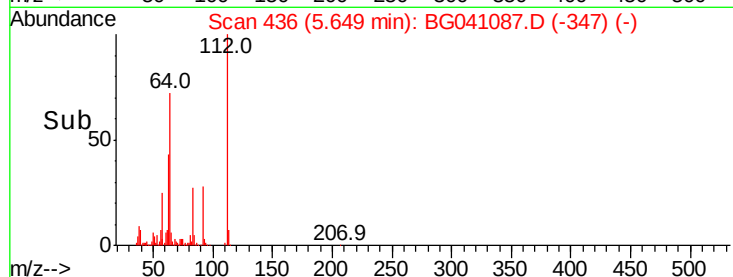
63 42.6 32.8 49.2



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: 25.483 ng

RT: 7.44 min Scan# 740

Delta R.T. -0.02 min

Lab File: BG041087.D

Acq: 6 Jun 2019 12:25

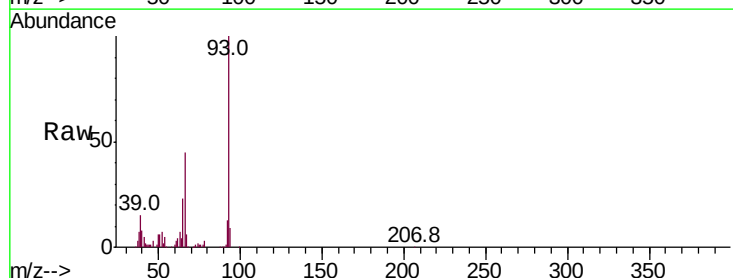
Tgt Ion: 93 Resp: 119610

Ion Ratio Lower Upper

93 100

66 45.3 33.8 50.8

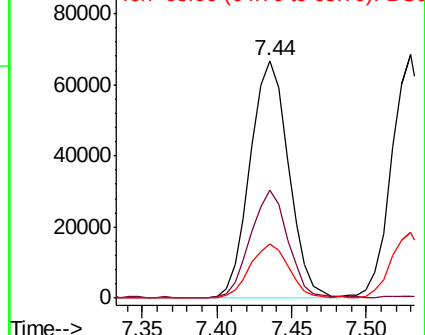
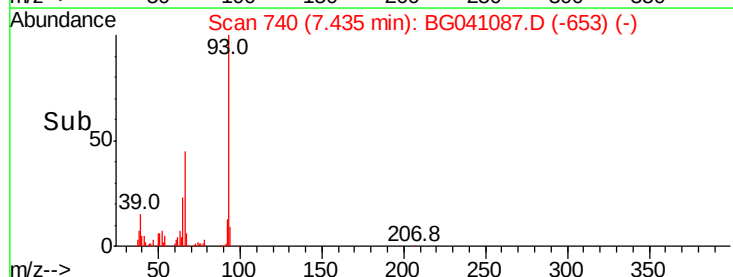
65 22.8 18.3 27.5

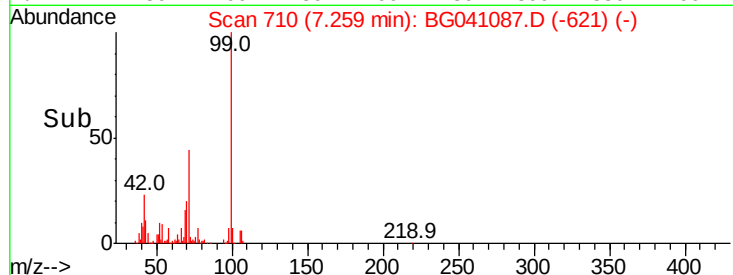
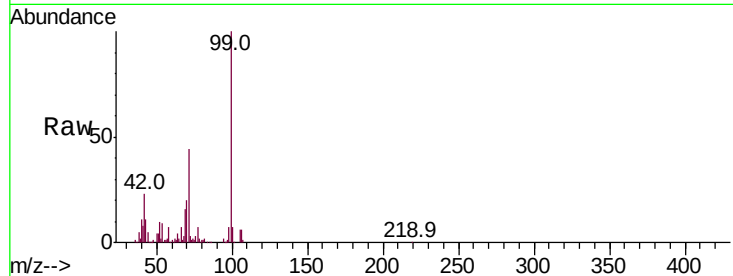
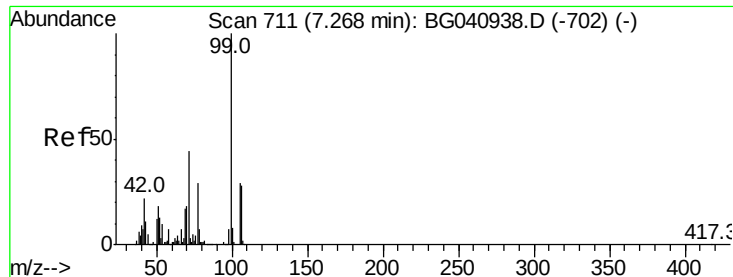


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 112.888 ng

RT: 7.26 min Scan# 710

Delta R.T. -0.01 min

Lab File: BG041087.D

Acq: 6 Jun 2019 12:25

Instrument :

BNA_G

ClientSampleId :

PB120371BS

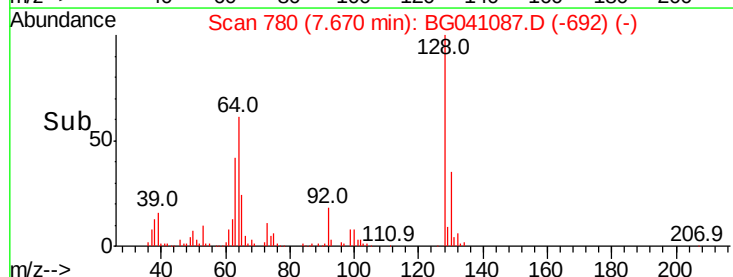
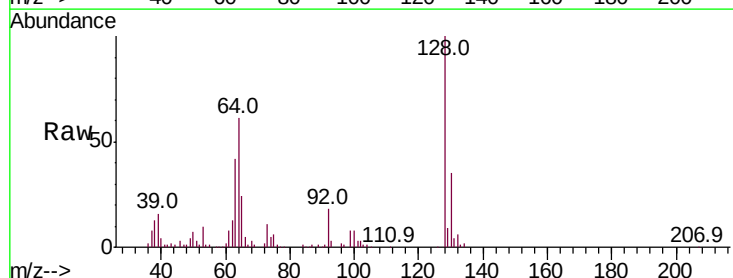
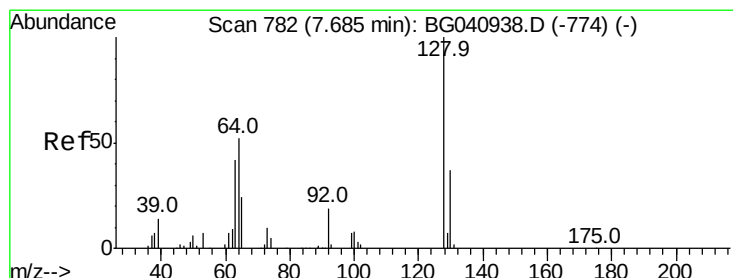
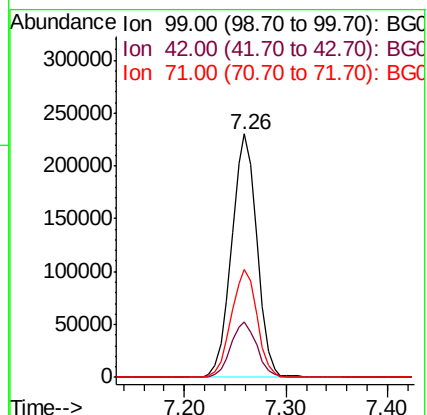
Tot Ion: 99 Resp: 396970

Ion Ratio Lower Upper

99 100

42 22.8 17.9 26.9

71 44.4 35.4 53.0



#8

2-Chlorophenol

Concen: 42.783 ng

RT: 7.67 min Scan# 780

Delta R.T. -0.01 min

Lab File: BG041087.D

Acq: 6 Jun 2019 12:25

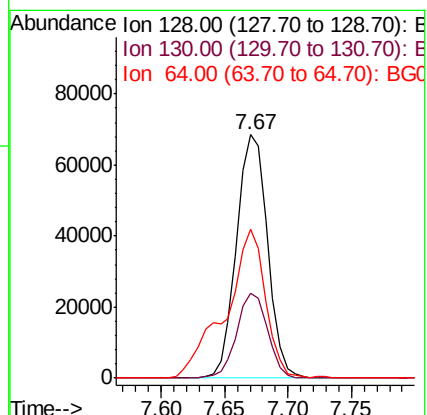
Tgt Ion:128 Resp: 116137

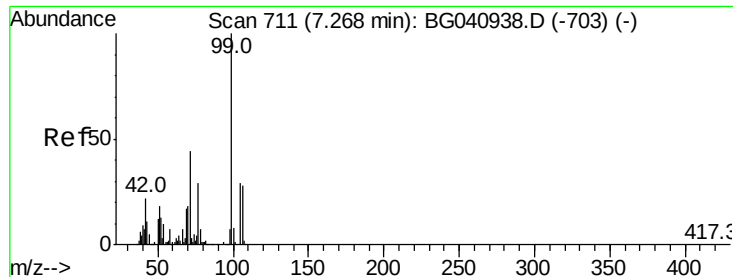
Ion Ratio Lower Upper

128 100

130 34.6 16.6 56.6

64 61.1 37.8 77.8





#9

Benzaldehyde

Concen: 19.059 ng

RT: 7.25 min Scan# 709

Delta R.T. -0.01 min

Lab File: BG041087.D

Acq: 6 Jun 2019 12:25

Instrument :

BNA_G

ClientSampleId :

PB120371BS

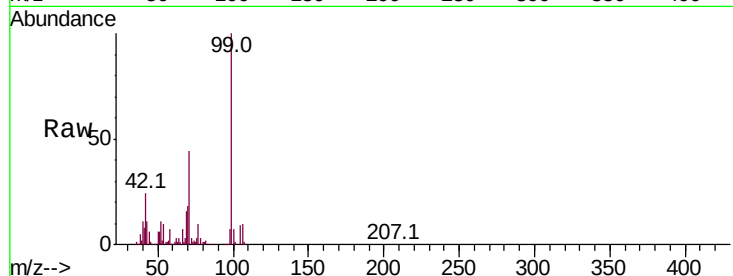
Tot Ion: 77 Resp: 39980

Ion Ratio Lower Upper

77 100

105 83.2 78.9 118.9

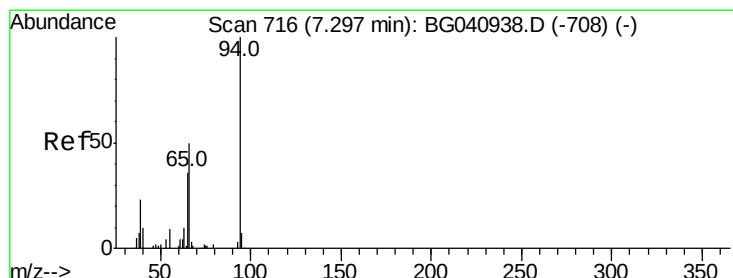
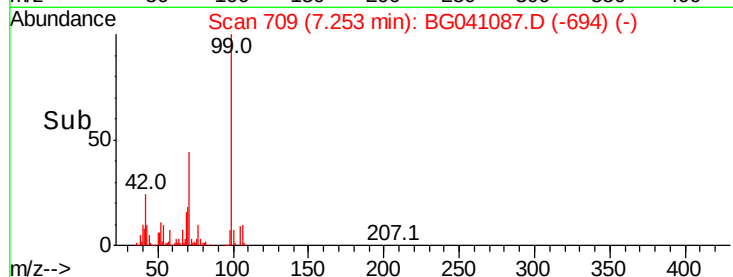
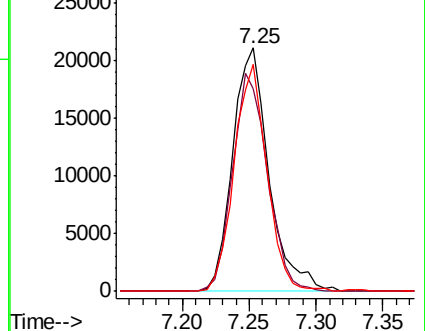
106 93.5 76.7 116.7



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 42.046 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BG041087.D

Acq: 6 Jun 2019 12:25

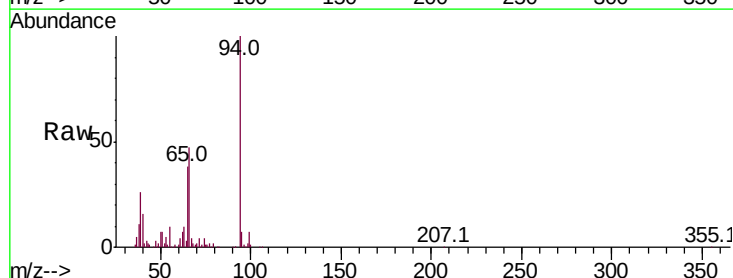
Tgt Ion: 94 Resp: 158528

Ion Ratio Lower Upper

94 100

65 37.8 17.0 57.0

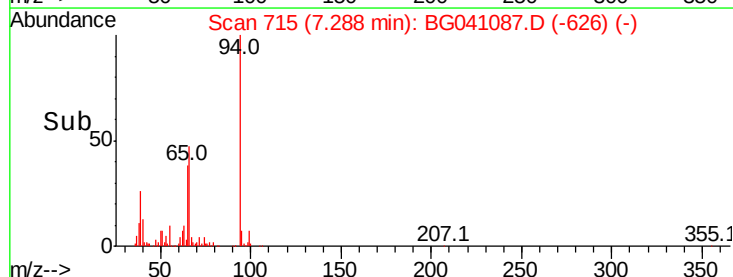
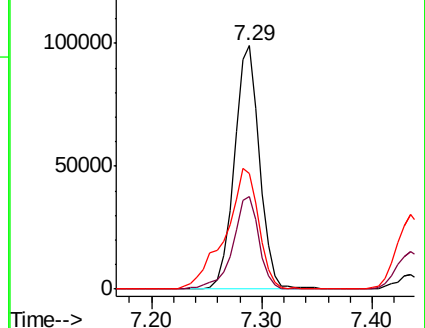
66 47.4 32.4 72.4

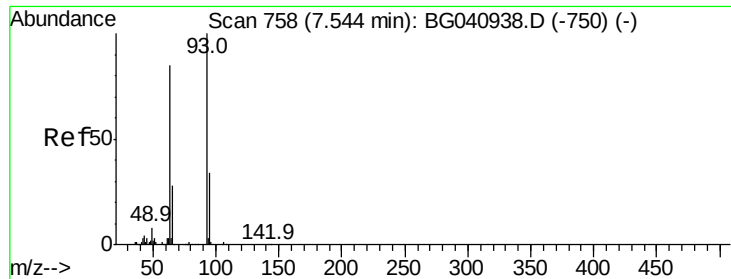


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

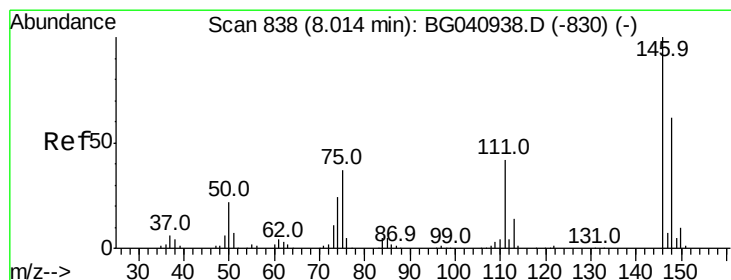
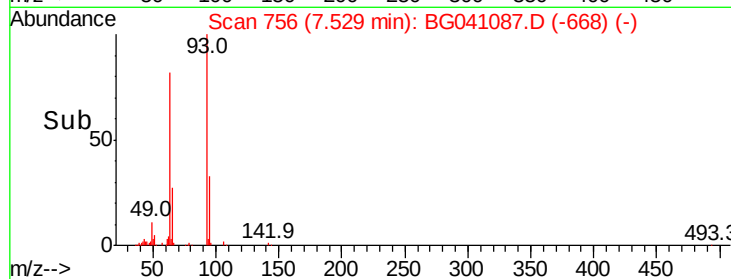
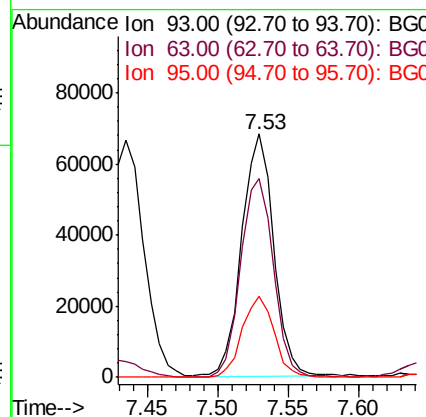
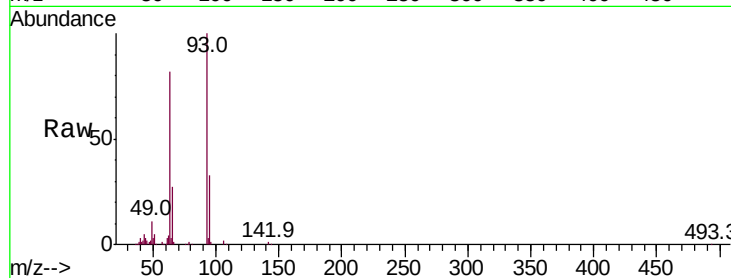




#11
bis(2-Chloroethyl)ether
Concen: 39.735 ng
RT: 7.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BG041087.D
Acq: 6 Jun 2019 12:25

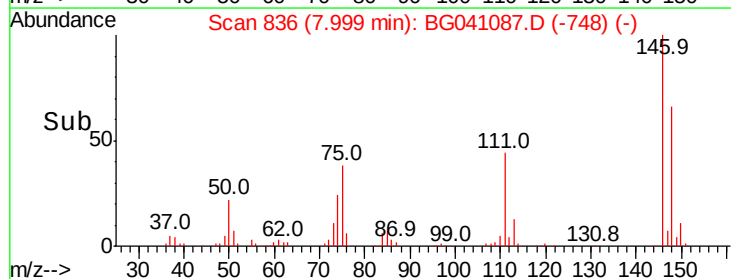
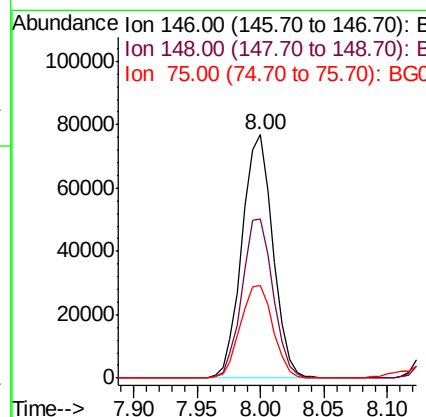
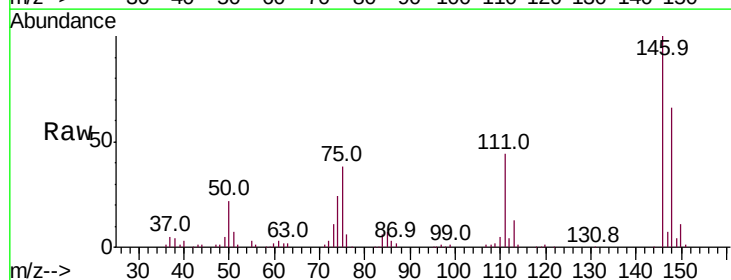
Instrument :
BNA_G
ClientSampleId :
PB120371BS

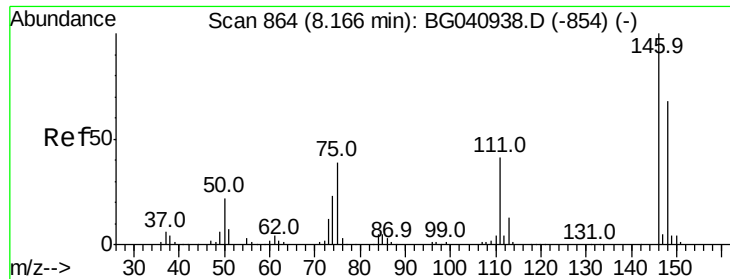
Tot Ion: 93 Resp: 108683
Ion Ratio Lower Upper
93 100
63 81.6 64.5 104.5
95 33.4 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 40.126 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG041087.D
Acq: 6 Jun 2019 12:25

Tgt Ion: 146 Resp: 130094
Ion Ratio Lower Upper
146 100
148 65.6 49.2 73.8
75 38.0 29.4 44.0

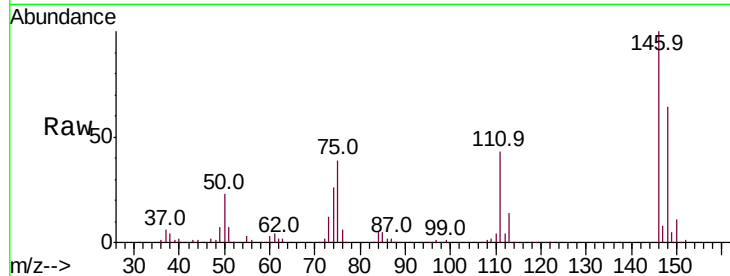




#13
 1,4-Dichlorobenzene
 Concen: 40.767 ng
 RT: 8.15 min Scan# 861
 Delta R.T. -0.02 min
 Lab File: BG041087.D
 Acq: 6 Jun 2019 12:25

Instrument :
 BNA_G
 ClientSampleId :
 PB120371BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	54.2	81.4
111	43.2	32.9	49.3

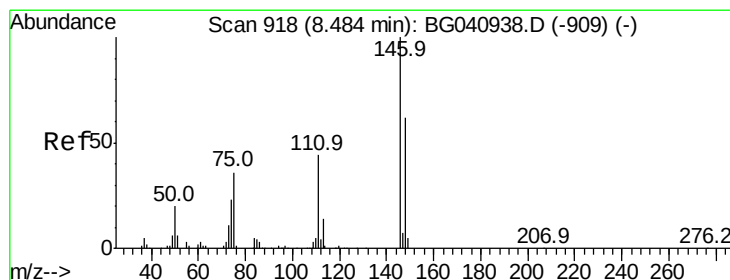
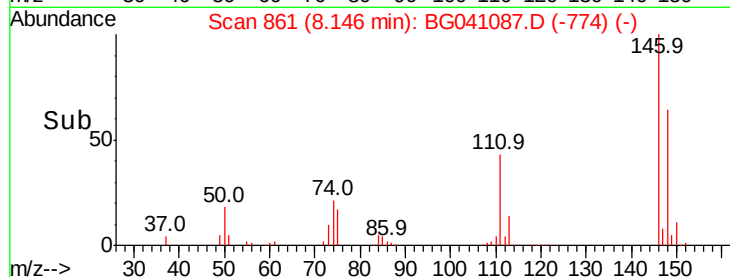
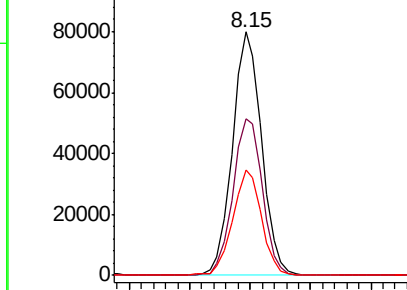


Abundance

Ion 146.00 (145.70 to 146.70): E

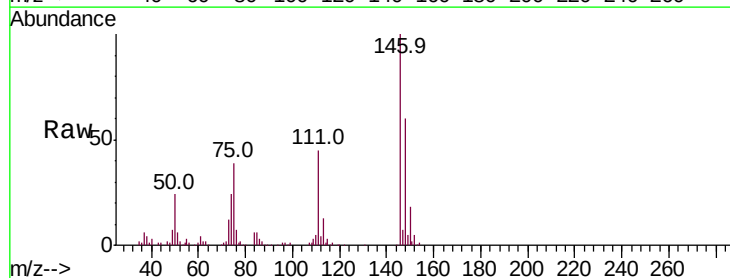
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 40.518 ng
 RT: 8.46 min Scan# 915
 Delta R.T. -0.02 min
 Lab File: BG041087.D
 Acq: 6 Jun 2019 12:25

Tgt Ion	Ratio	Lower	Upper
146	100		
148	59.8	49.8	74.6
111	44.7	35.0	52.4

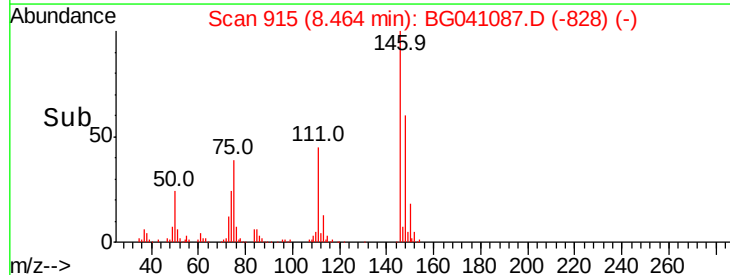
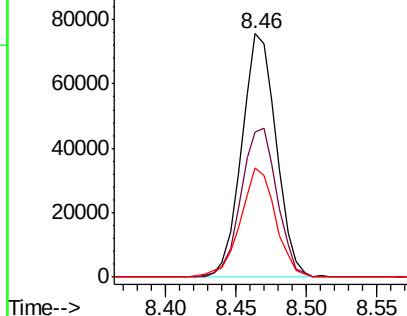


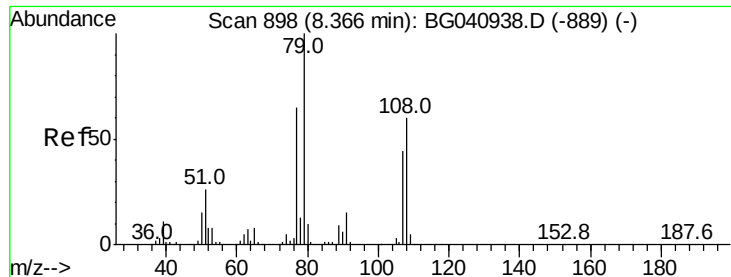
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.411 ng

RT: 8.35 min Scan# 896

Delta R.T. -0.01 min

Lab File: BG041087.D

Acq: 6 Jun 2019 12:25

Instrument :

BNA_G

ClientSampleId :

PB120371BS

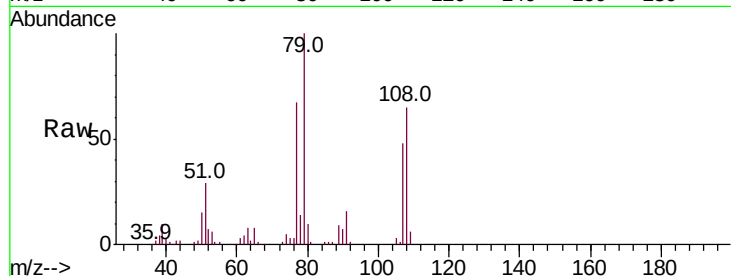
Tot Ion: 79 Resp: 131454

Ion Ratio Lower Upper

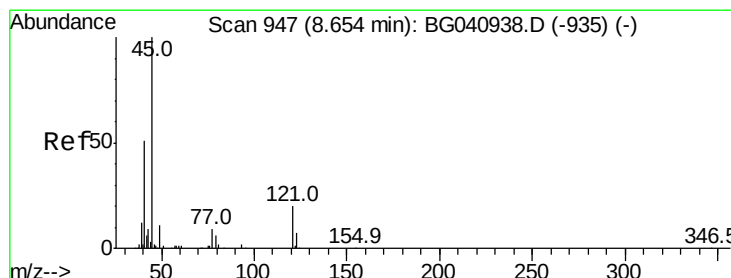
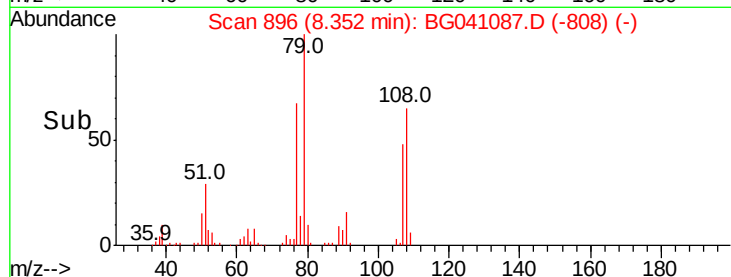
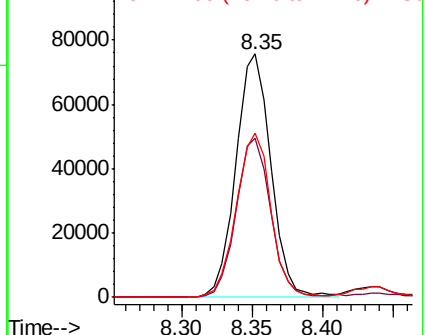
79 100

108 65.3 48.3 72.5

77 67.3 52.3 78.5



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.854 ng

RT: 8.63 min Scan# 943

Delta R.T. -0.03 min

Lab File: BG041087.D

Acq: 6 Jun 2019 12:25

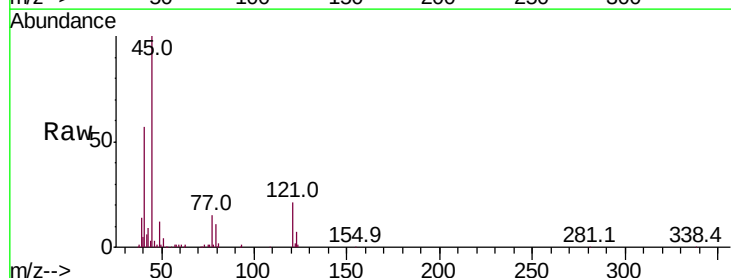
Tgt Ion: 45 Resp: 169190

Ion Ratio Lower Upper

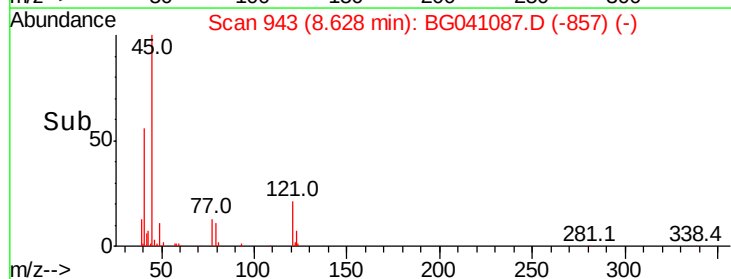
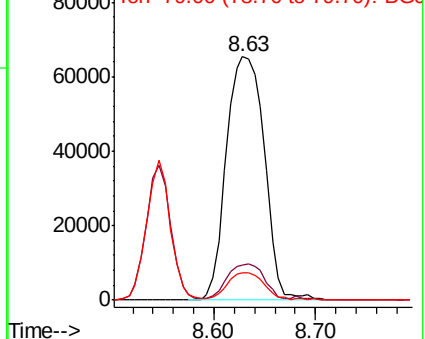
45 100

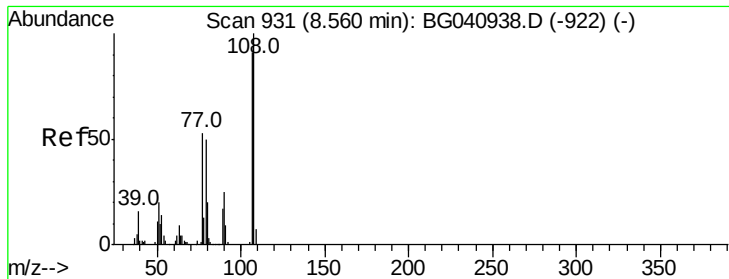
77 14.6 0.0 33.7

79 11.4 0.0 30.2



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 39.974 ng

RT: 8.55 min Scan# 929

Delta R.T. -0.01 min

Lab File: BG041087.D

Acq: 6 Jun 2019 12:25

Instrument :

BNA_G

ClientSampleId :

PB120371BS

Tot Ion:107 Resp: 109125

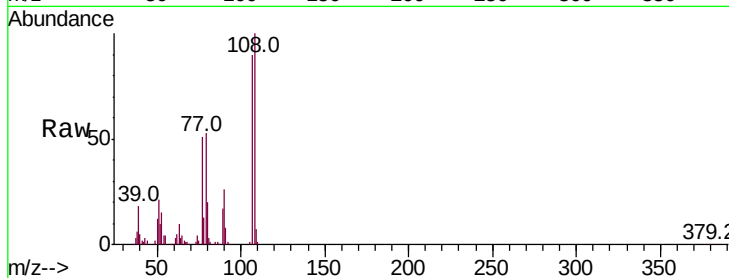
Ion Ratio Lower Upper

107 100

108 111.4 87.7 131.5

77 56.9 46.6 70.0

79 59.0 44.6 66.8

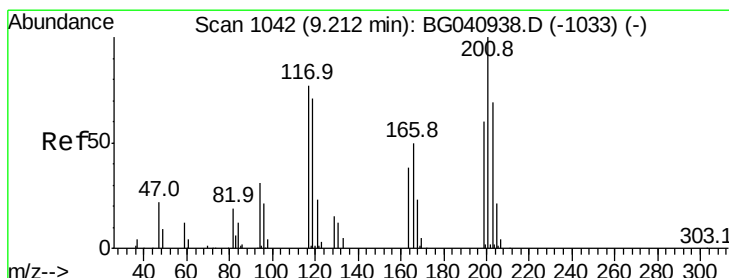
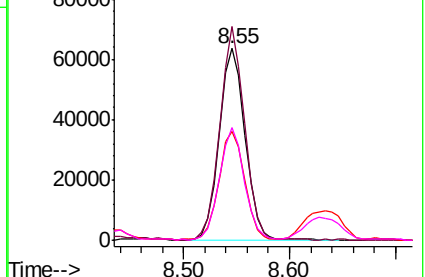
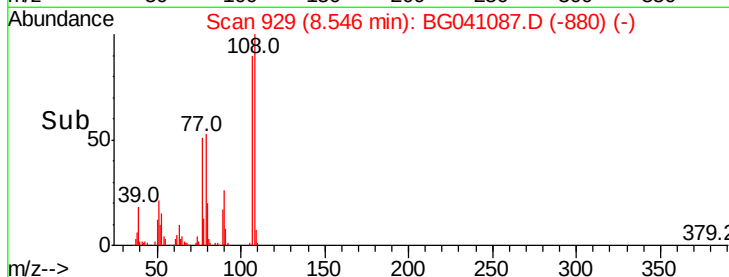


Abundance Ion 107.00 (106.70 to 107.70): E

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: 41.135 ng

RT: 9.19 min Scan# 1039

Delta R.T. -0.02 min

Lab File: BG041087.D

Acq: 6 Jun 2019 12:25

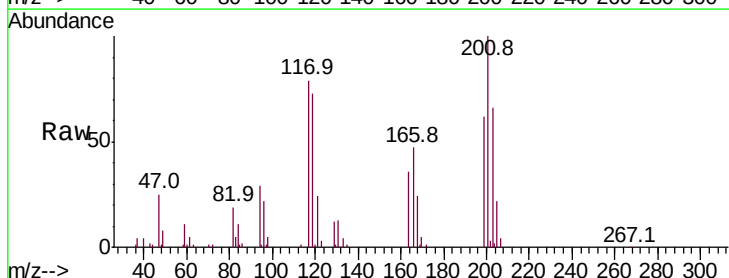
Tgt Ion:117 Resp: 52030

Ion Ratio Lower Upper

117 100

119 93.0 75.0 112.6

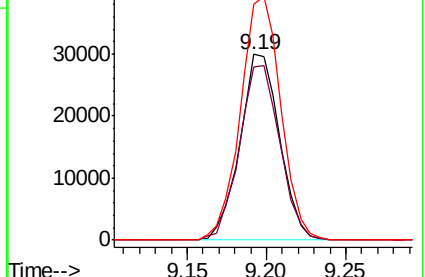
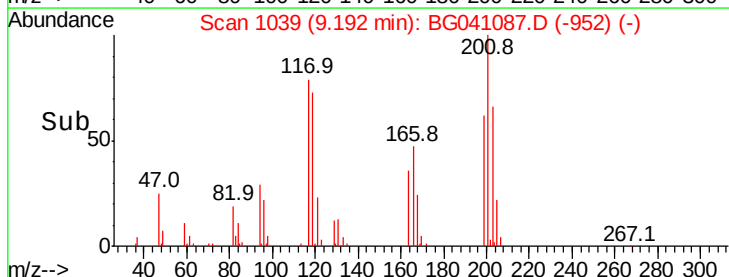
201 127.2 103.5 155.3

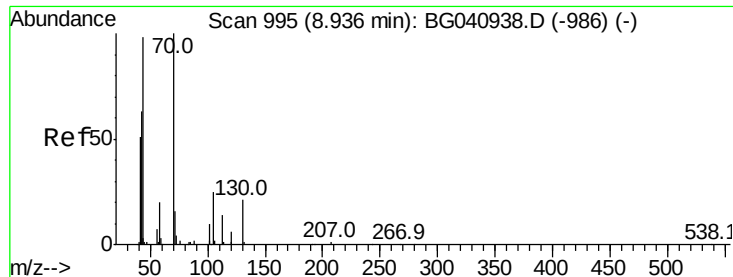


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

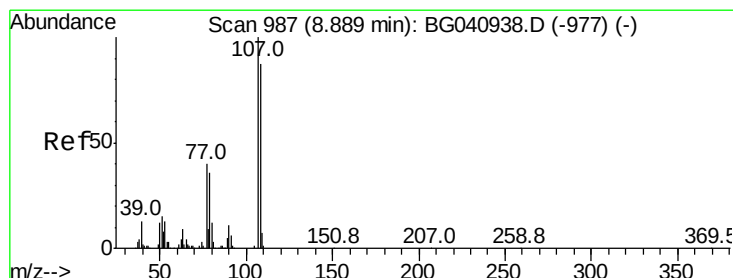
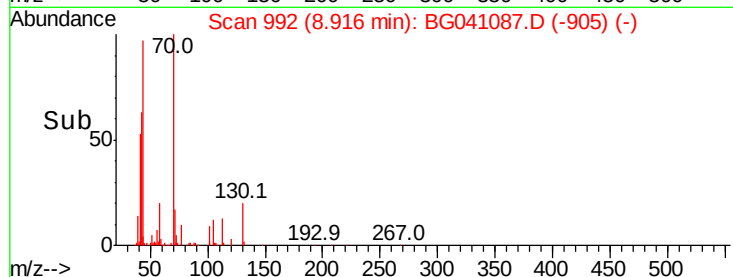
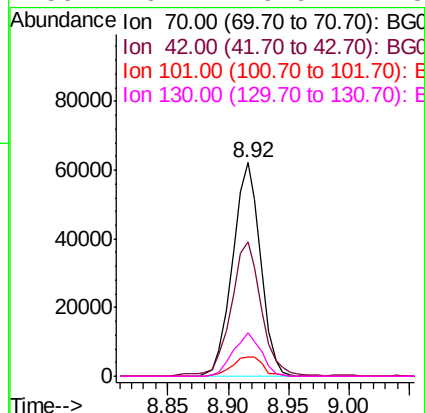
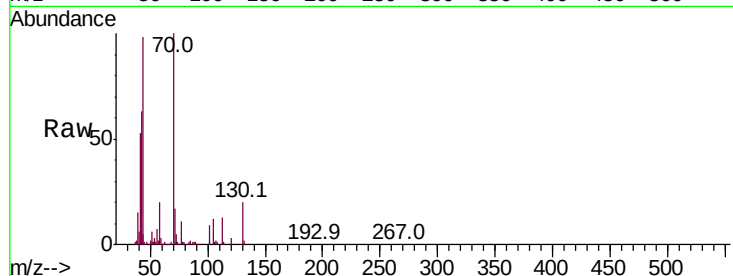




#19
n-Nitroso-di-n-propylamine
Concen: 36.931 ng
RT: 8.92 min Scan# 992
Delta R.T. -0.02 min
Lab File: BG041087.D
Acq: 6 Jun 2019 12:25

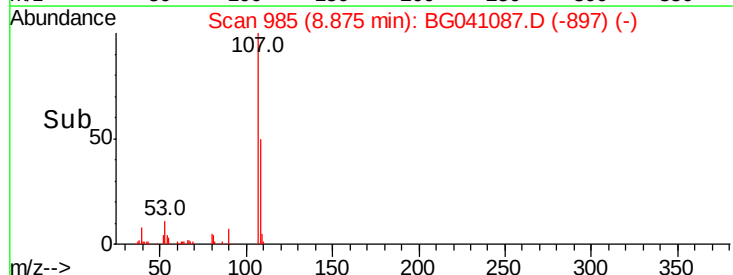
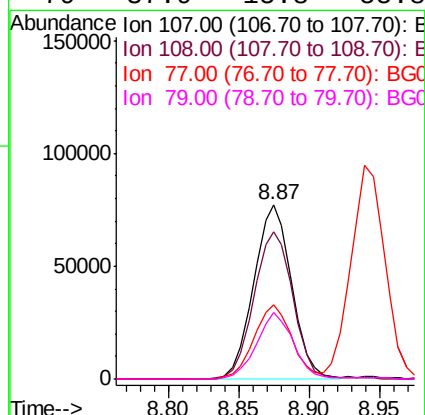
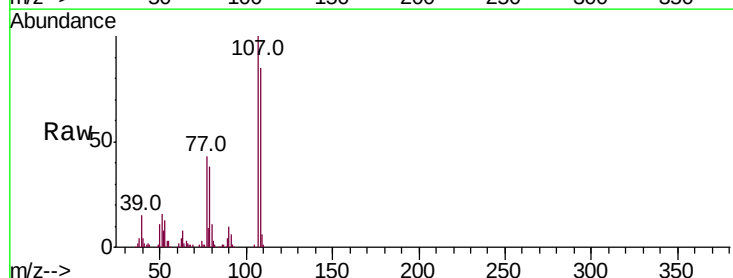
Instrument :
BNA_G
ClientSampleId :
PB120371BS

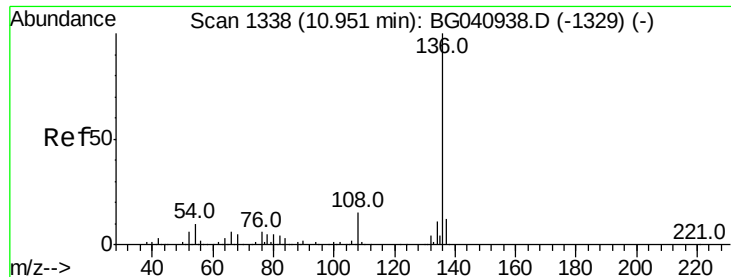
Tot Ion:	70	Resp:	99941
Ion	Ratio	Lower	Upper
70	100		
42	63.1	51.5	77.3
101	9.1	8.1	12.1
130	20.2	16.6	24.8



#20
3+4-Methylphenols
Concen: 38.285 ng
RT: 8.87 min Scan# 985
Delta R.T. -0.01 min
Lab File: BG041087.D
Acq: 6 Jun 2019 12:25

Tgt Ion:	107	Resp:	144774
Ion	Ratio	Lower	Upper
107	100		
108	84.6	66.8	106.8
77	42.7	20.5	60.5
79	37.9	15.8	55.8

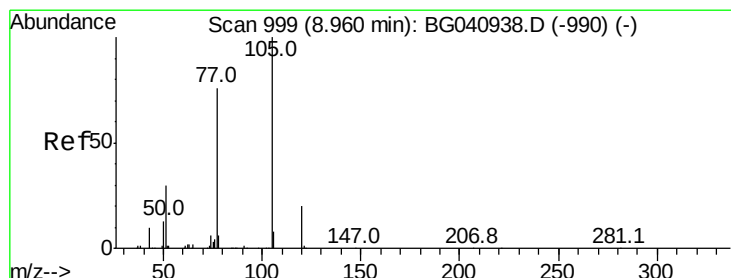
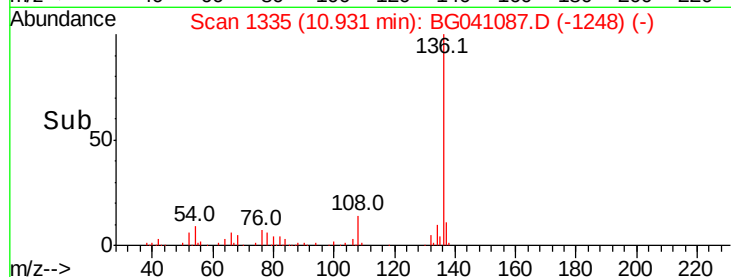
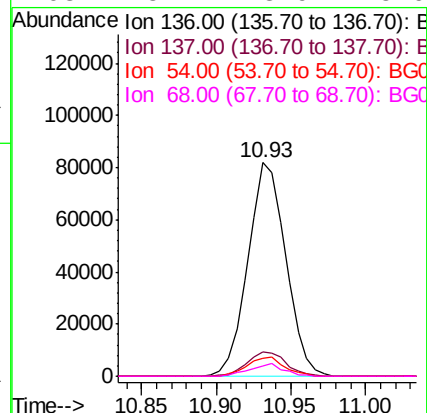
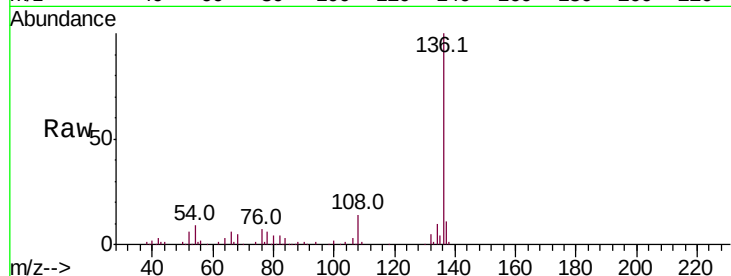




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1335
Delta R.T. -0.02 min
Lab File: BG041087.D
Acq: 6 Jun 2019 12:25

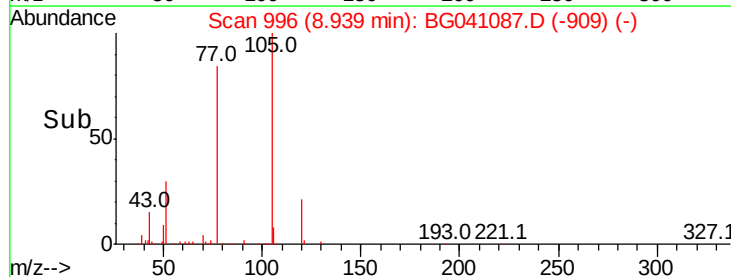
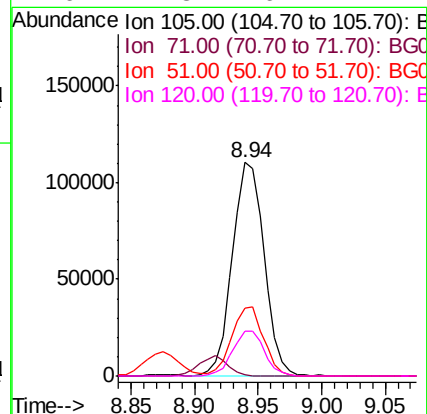
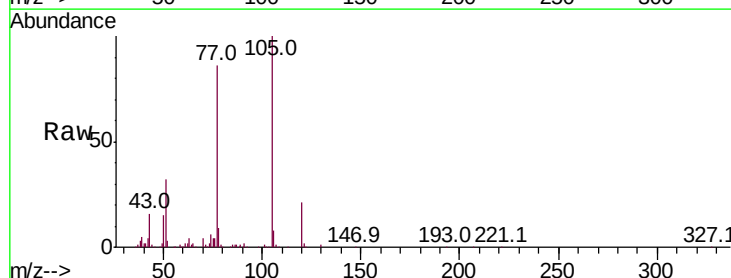
Instrument :
BNA_G
ClientSampleId :
PB120371BS

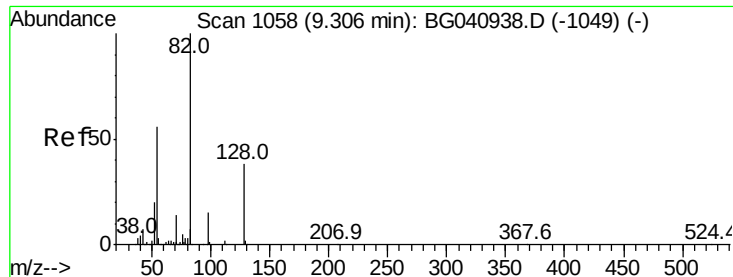
Tot Ion:136	Resp:	143209
Ion Ratio	Lower	Upper
136 100		
137 11.3	9.5	14.3
54 8.7	7.6	11.4
68 5.1	3.9	5.9



#22
Acetophenone
Concen: 47.861 ng
RT: 8.94 min Scan# 996
Delta R.T. -0.02 min
Lab File: BG041087.D
Acq: 6 Jun 2019 12:25

Tgt	Ion:105	Resp:	192271
Ion	Ratio	Lower	Upper
105	100		
71	0.8	0.4	0.6#
51	31.7	27.0	40.6
120	21.3	16.2	24.4

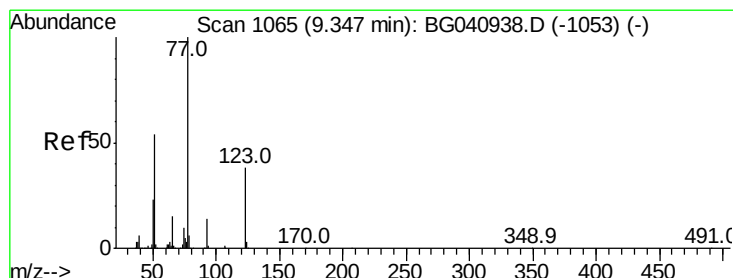
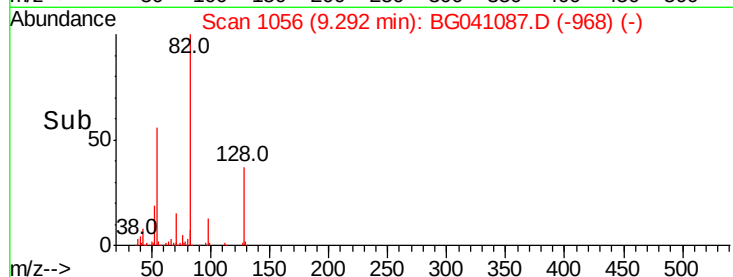
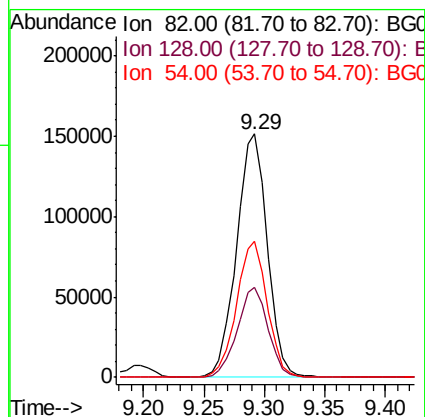
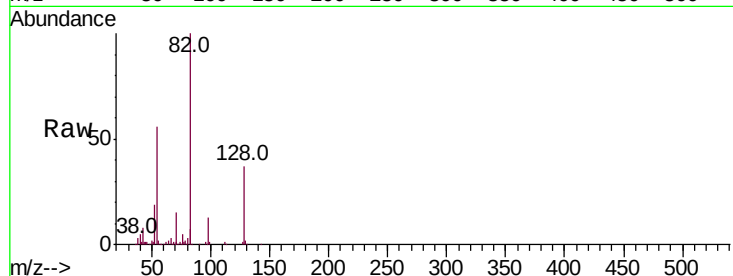




#23
 Nitrobenzene-d5
 Concen: 83.439 ng
 RT: 9.29 min Scan# 1056
 Delta R.T. -0.01 min
 Lab File: BG041087.D
 Acq: 6 Jun 2019 12:25

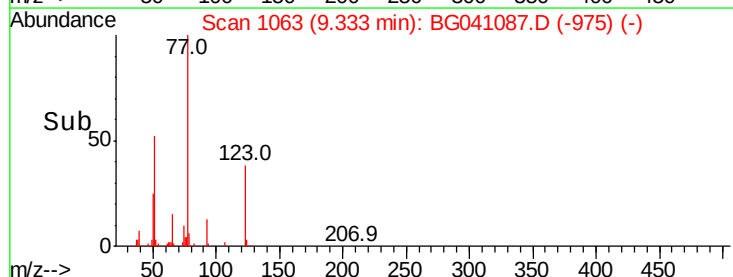
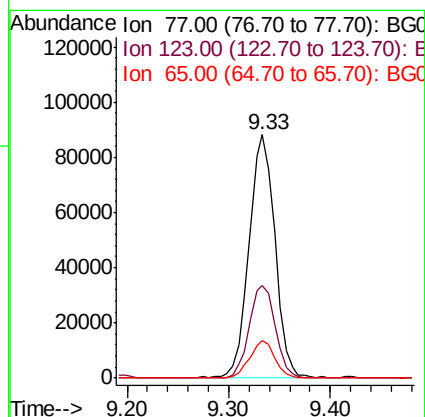
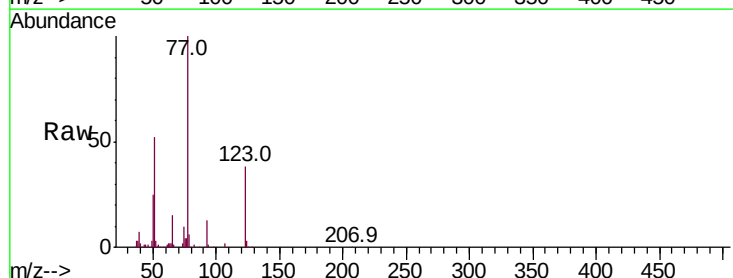
Instrument :
 BNA_G
 ClientSampleId :
 PB120371BS

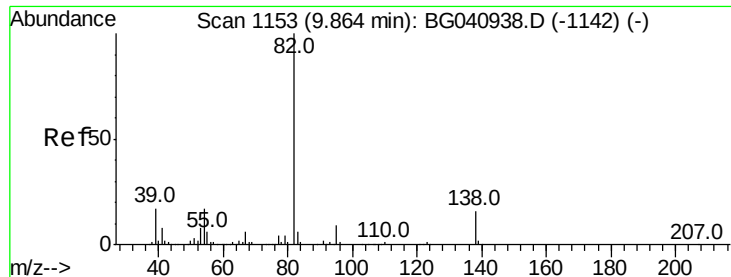
Tot Ion	82	Resp	269164
Ion Ratio	100	Lower	Upper
128	37.2	30.5	45.7
54	56.1	44.6	66.8



#24
 Nitrobenzene
 Concen: 47.742 ng
 RT: 9.33 min Scan# 1063
 Delta R.T. -0.01 min
 Lab File: BG041087.D
 Acq: 6 Jun 2019 12:25

Tgt Ion	77	Resp	156950
Ion Ratio	100	Lower	Upper
123	38.1	30.6	46.0
65	15.2	12.3	18.5

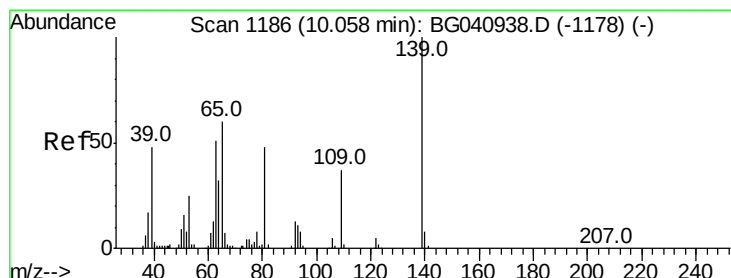
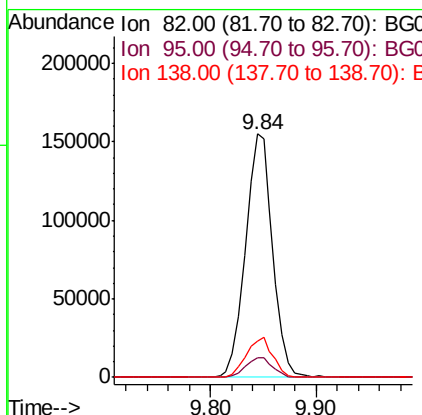
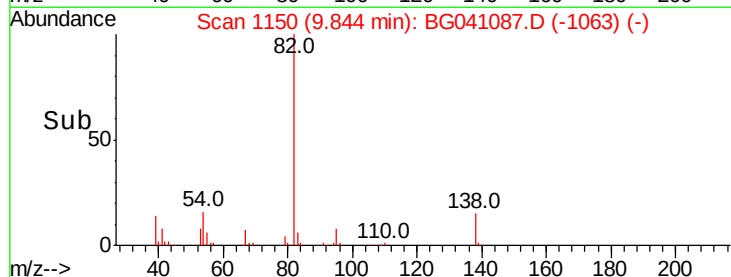
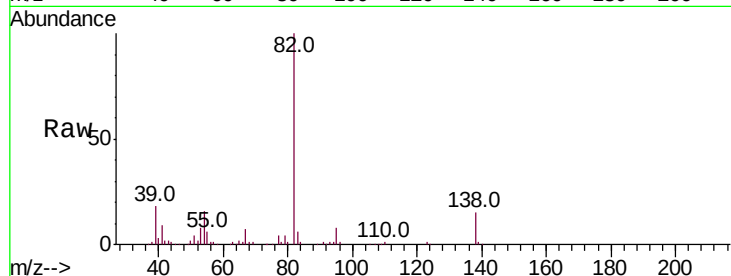




#25
Isophorone
Concen: 44.764 ng
RT: 9.84 min Scan# 1150
Delta R.T. -0.02 min
Lab File: BG041087.D
Acq: 6 Jun 2019 12:25

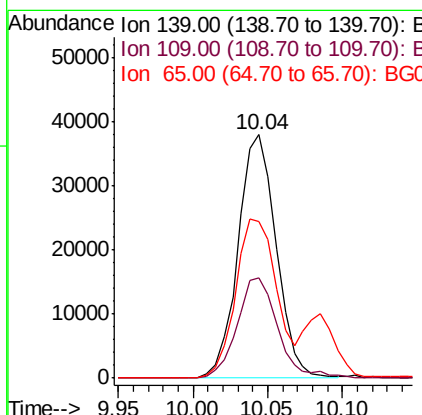
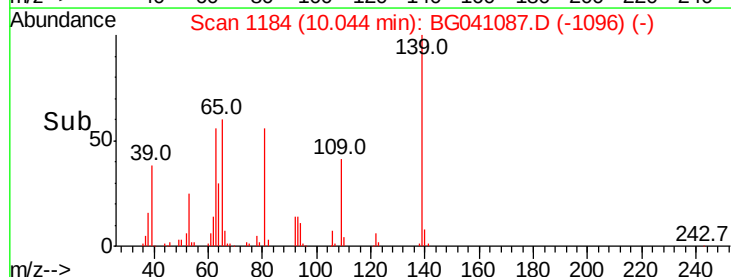
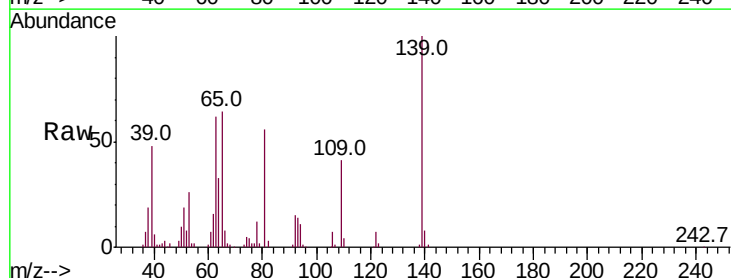
Instrument :
BNA_G
ClientSampleId :
PB120371BS

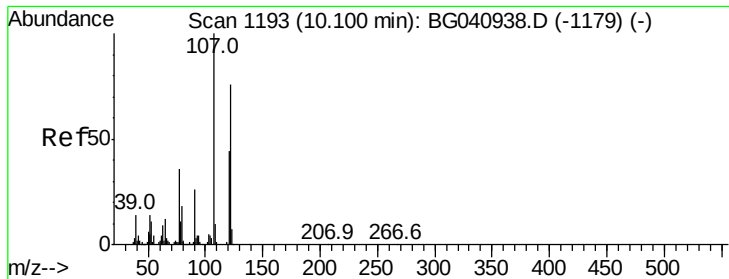
Tot Ion: 82 Resp: 274810
Ion Ratio Lower Upper
82 100
95 8.0 7.0 10.4
138 14.9 12.6 19.0



#26
2-Nitrophenol
Concen: 49.333 ng
RT: 10.04 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BG041087.D
Acq: 6 Jun 2019 12:25

Tgt Ion: 139 Resp: 66859
Ion Ratio Lower Upper
139 100
109 41.0 29.8 44.6
65 64.5 47.8 71.6

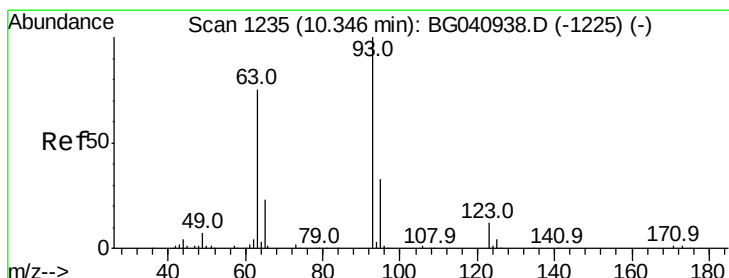
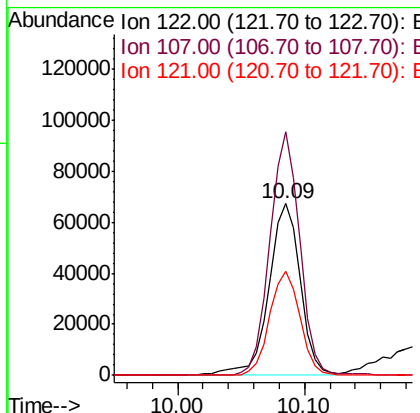
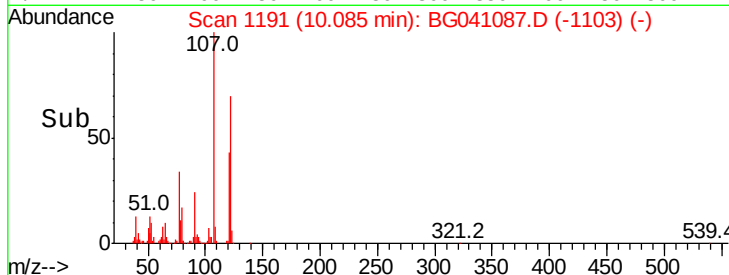
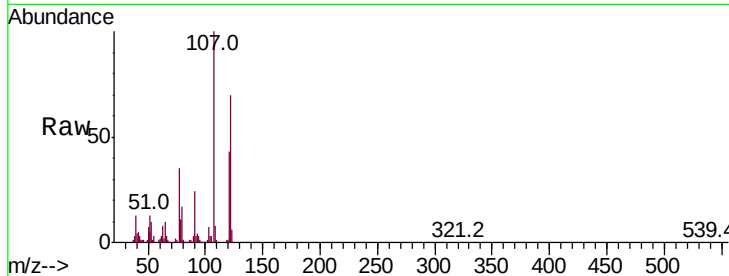




#27
2,4-Dimethylphenol
Concen: 51.886 ng
RT: 10.09 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BG041087.D
Acq: 6 Jun 2019 12:25

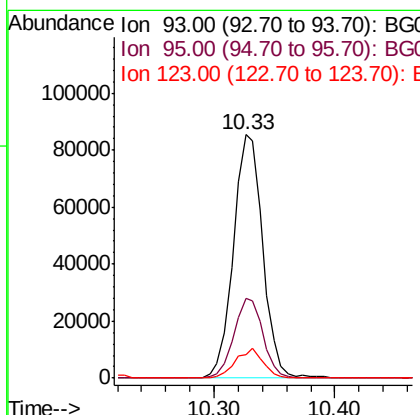
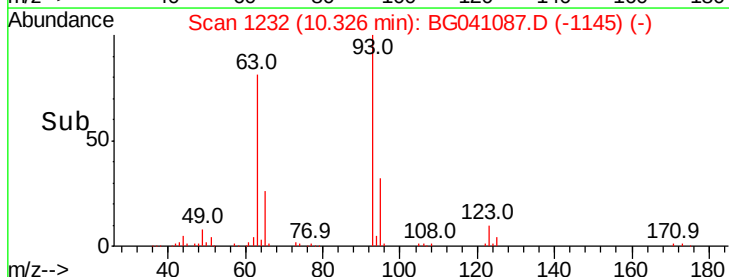
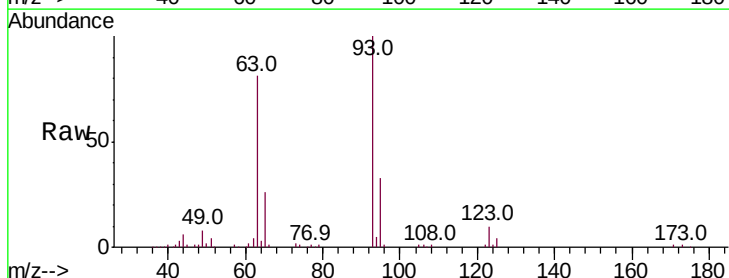
Instrument :
BNA_G
ClientSampleId :
PB120371BS

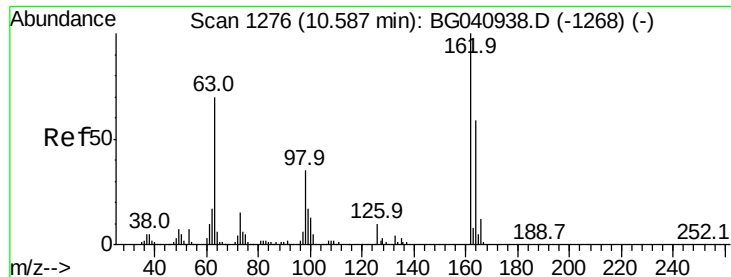
Tot Ion:122 Resp: 116135
Ion Ratio Lower Upper
122 100
107 142.1 105.9 158.9
121 61.0 46.2 69.4



#28
bis(2-Chloroethoxy)methane
Concen: 43.402 ng
RT: 10.33 min Scan# 1232
Delta R.T. -0.02 min
Lab File: BG041087.D
Acq: 6 Jun 2019 12:25

Tgt Ion: 93 Resp: 143809
Ion Ratio Lower Upper
93 100
95 32.7 26.2 39.2
123 9.8 9.5 14.3

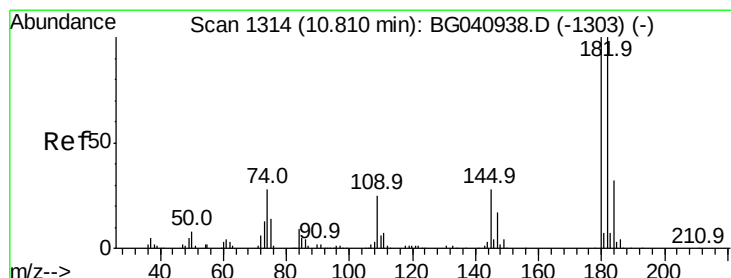
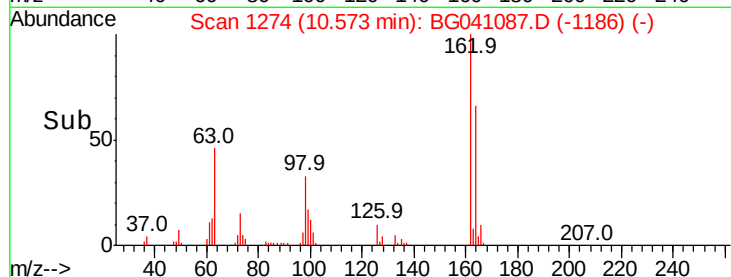
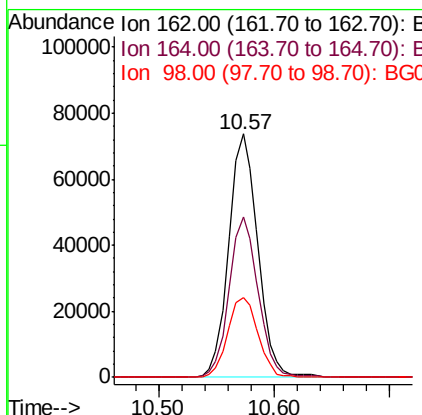
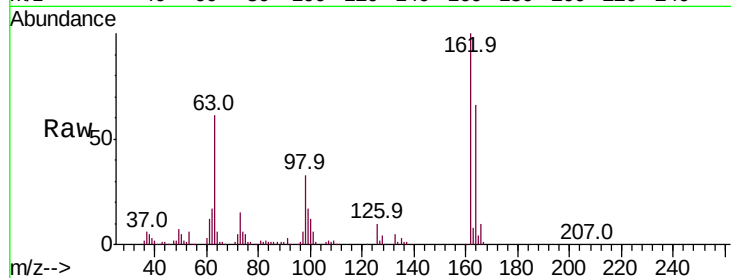




#29
2,4-Dichlorophenol
Concen: 45.105 ng
RT: 10.57 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BG041087.D
Acq: 6 Jun 2019 12:25

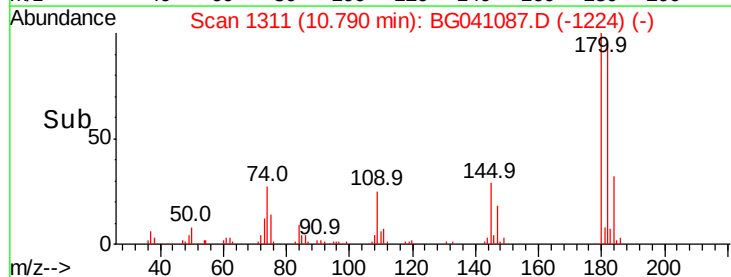
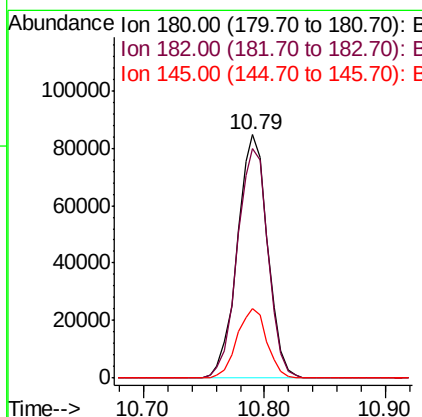
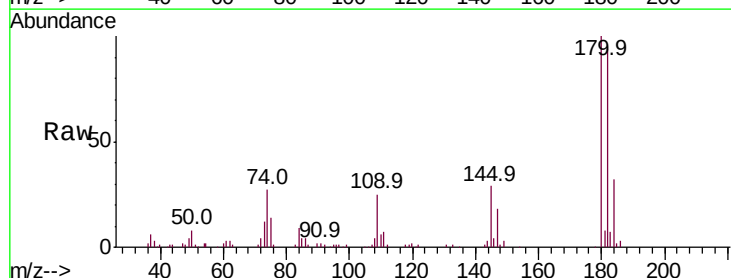
Instrument :
BNA_G
ClientSampleId :
PB120371BS

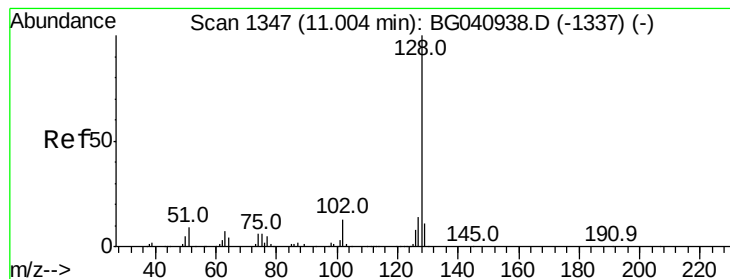
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.1	39.4	79.4
98	32.9	15.3	55.3



#30
1,2,4-Trichlorobenzene
Concen: 45.680 ng
RT: 10.79 min Scan# 1311
Delta R.T. -0.02 min
Lab File: BG041087.D
Acq: 6 Jun 2019 12:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	79.7	119.5
145	28.5	22.6	34.0





#31

Naphthalene

Concen: 46.497 ng

RT: 10.98 min Scan# 1344

Delta R.T. -0.02 min

Lab File: BG041087.D

Acq: 6 Jun 2019 12:25

Instrument :

BNA_G

ClientSampleId :

PB120371BS

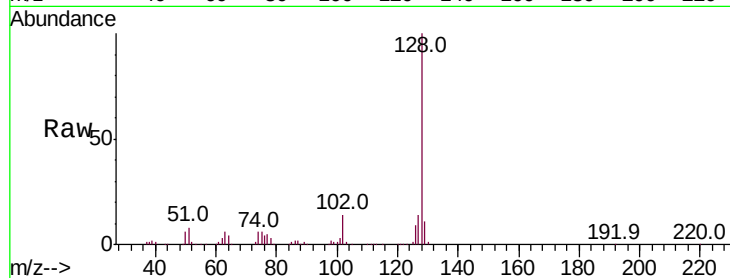
Tot Ion:128 Resp: 357516

Ion Ratio Lower Upper

128 100

129 10.9 8.5 12.7

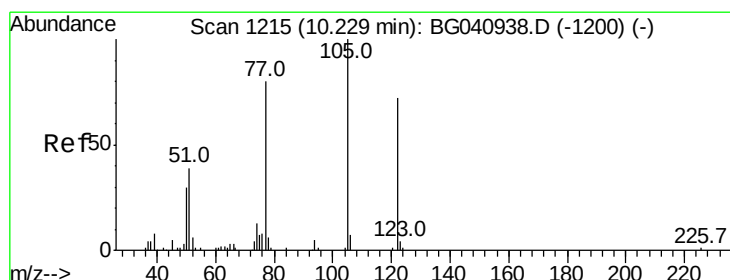
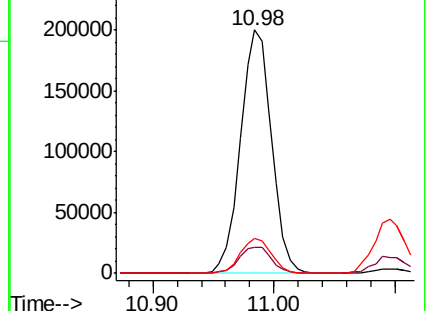
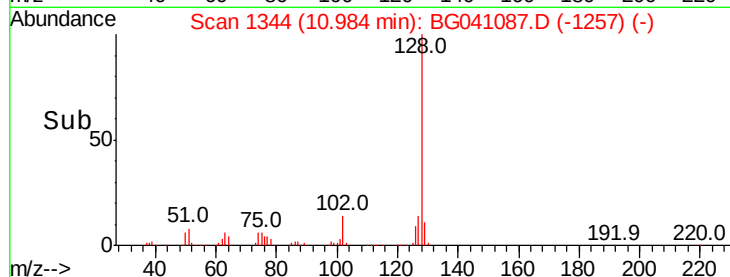
127 14.4 11.4 17.2



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: 38.861 ng

RT: 10.21 min Scan# 1213

Delta R.T. -0.01 min

Lab File: BG041087.D

Acq: 6 Jun 2019 12:25

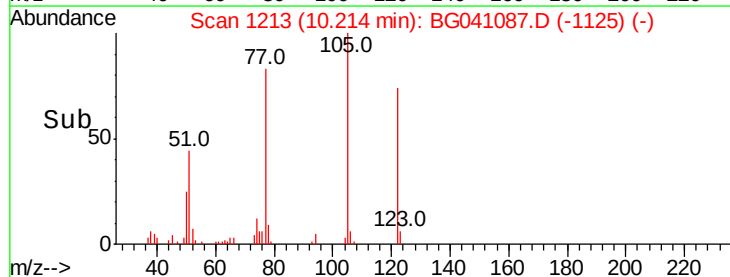
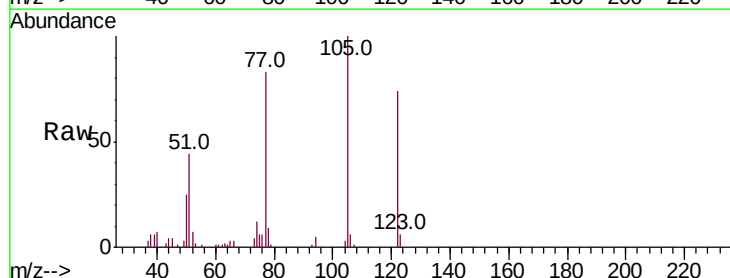
Tgt Ion:122 Resp: 64391

Ion Ratio Lower Upper

122 100

105 135.3 114.8 154.8

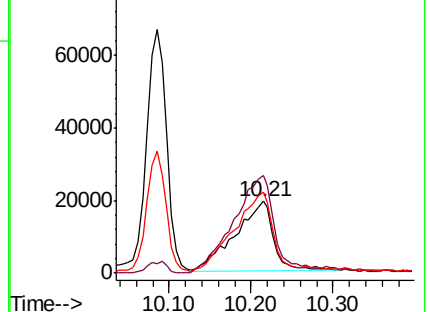
77 112.8 89.9 129.9

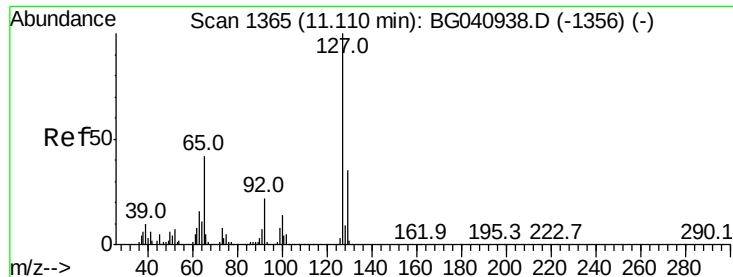


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

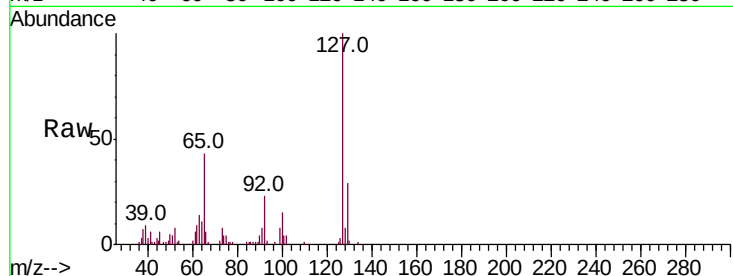




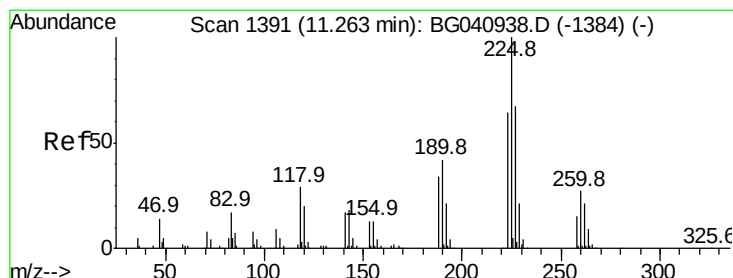
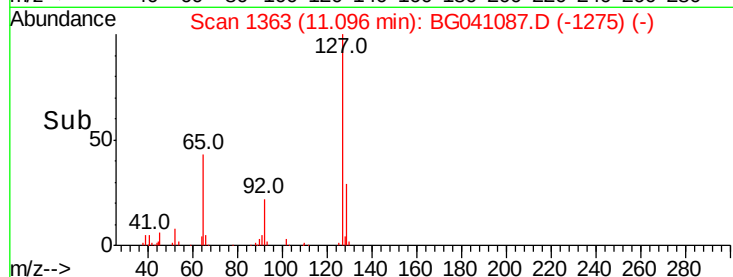
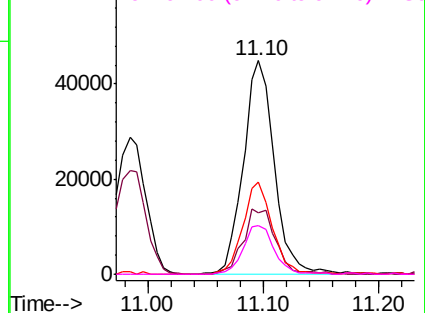
#33
4-Chloroaniline
Concen: 23.502 ng
RT: 11.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BG041087.D
Acq: 6 Jun 2019 12:25

Instrument :
BNA_G
ClientSampleId :
PB120371BS

Tot Ion:127	Resp:	83847	
Ion Ratio	Lower	Upper	
127 100			
129 28.6	27.7	41.5	
65 43.0	33.2	49.8	
92 22.6	17.2	25.8	

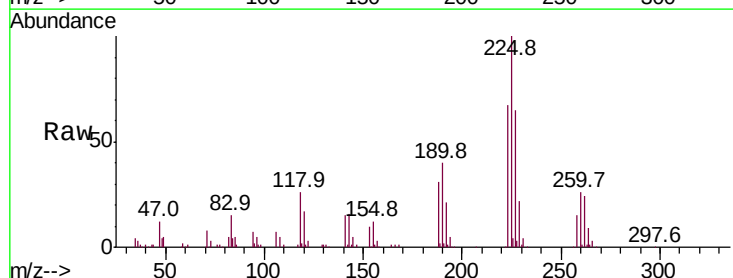


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

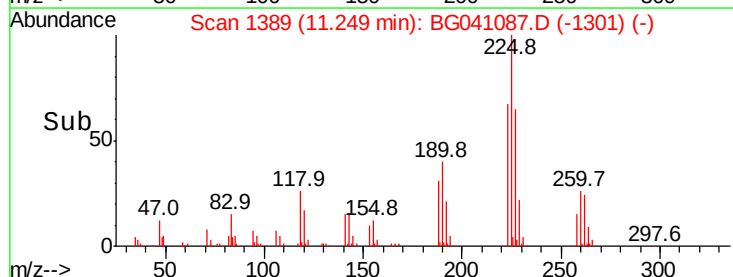
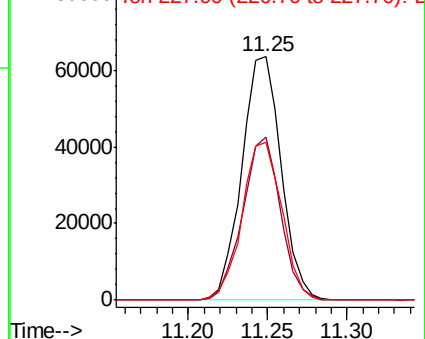


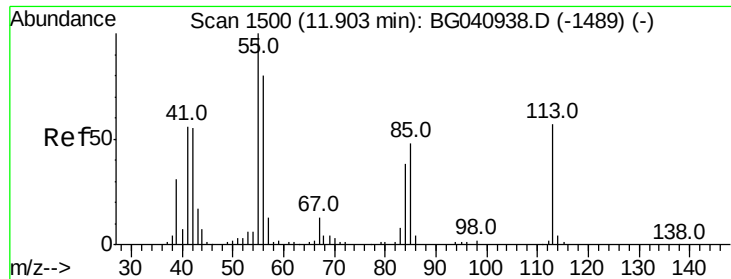
#34
Hexachlorobutadiene
Concen: 44.170 ng
RT: 11.25 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BG041087.D
Acq: 6 Jun 2019 12:25

Tgt Ion	225	Resp: Lower	109281 Upper
	Ratio		
225	100		
223	66.8	48.8	73.2
227	67.9	51.4	77.0



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: 43.053 ng

RT: 11.88 min Scan# 1496

Delta R.T. -0.03 min

Lab File: BG041087.D

Acq: 6 Jun 2019 12:25

Instrument :

BNA_G

ClientSampleId :

PB120371BS

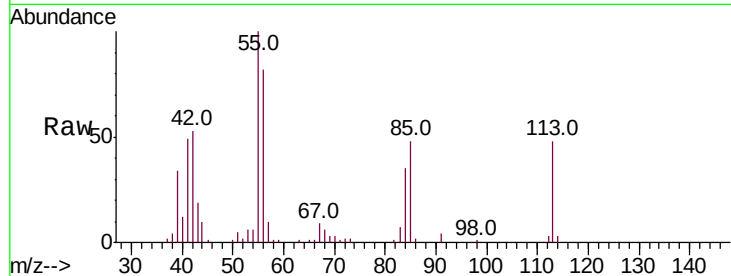
Tot Ion:113 Resp: 40410

Ion Ratio Lower Upper

113 100

55 208.2 155.9 195.9#

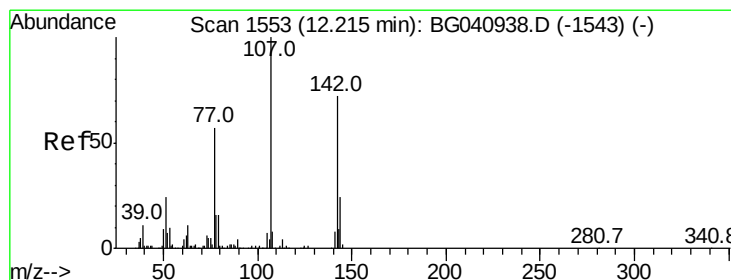
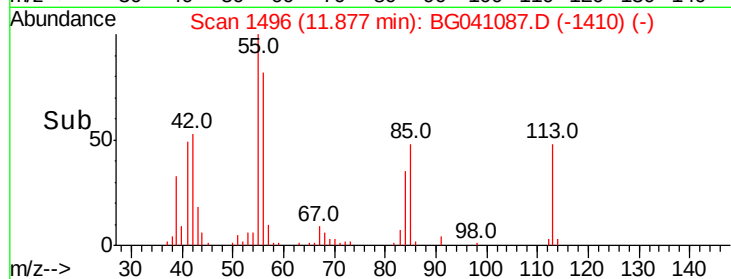
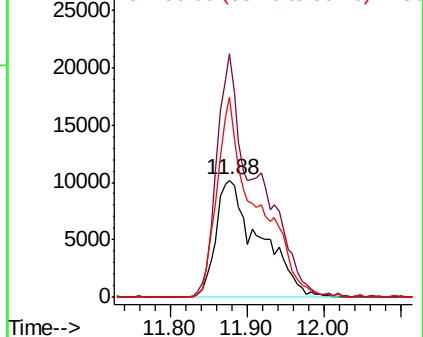
56 171.0 119.9 159.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 43.917 ng

RT: 12.19 min Scan# 1550

Delta R.T. -0.02 min

Lab File: BG041087.D

Acq: 6 Jun 2019 12:25

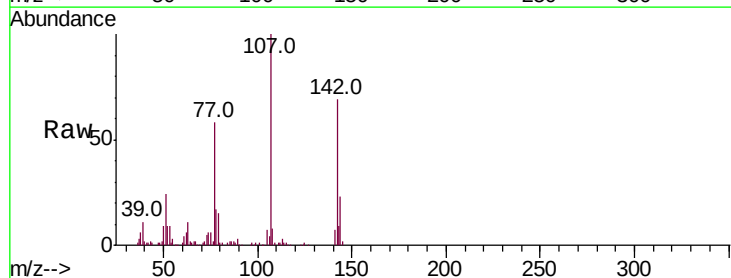
Tgt Ion:107 Resp: 142560

Ion Ratio Lower Upper

107 100

144 23.2 19.4 29.0

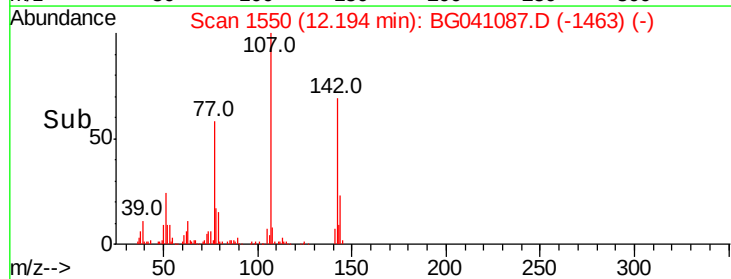
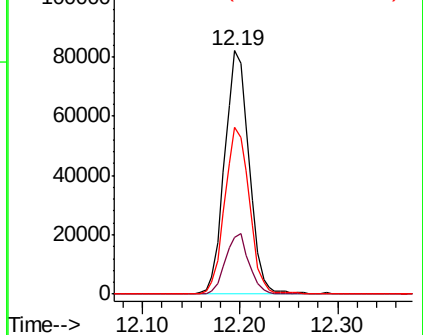
142 68.8 57.3 85.9

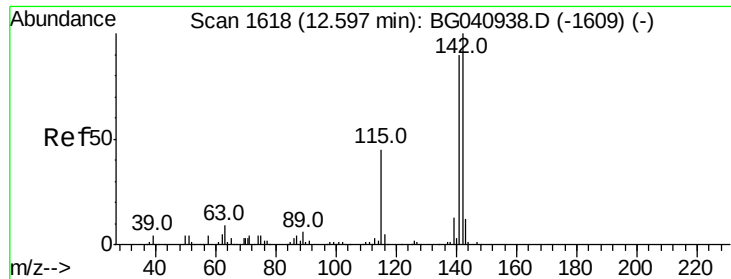


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 43.536 ng

RT: 12.58 min Scan# 1616

Delta R.T. -0.01 min

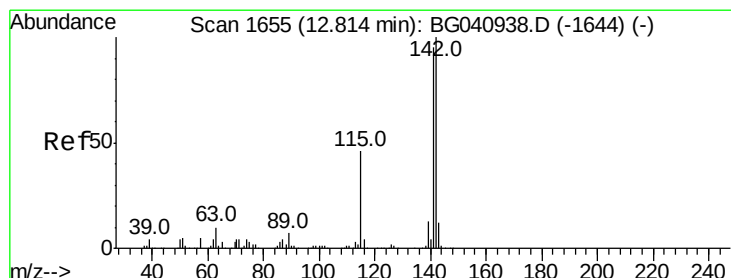
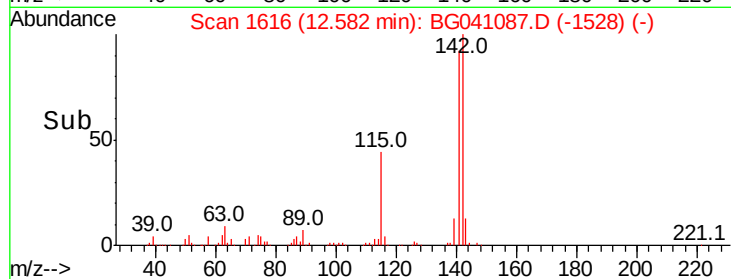
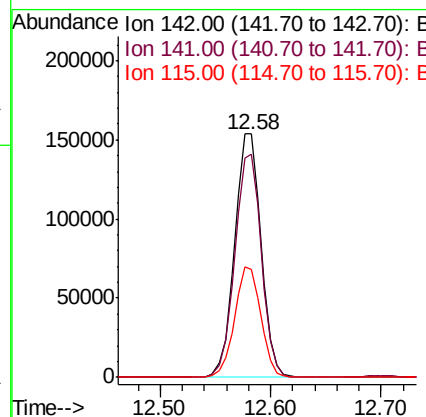
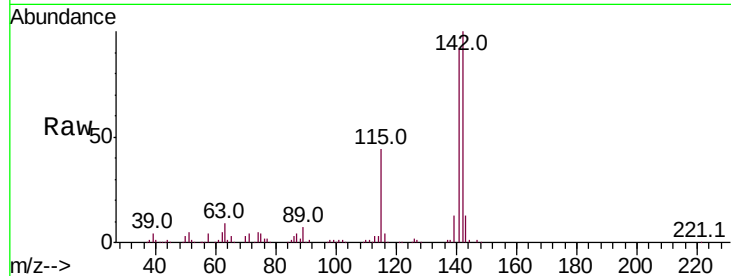
Lab File: BG041087.D

Acq: 6 Jun 2019 12:25

Instrument :
BNA_G
ClientSampleId :
PB120371BS

Tot Ion:142 Resp: 257818

Ion	Ratio	Lower	Upper
142	100		
141	91.8	72.2	108.4
115	44.2	36.2	54.4



#38

1-Methylnaphthalene

Concen: 44.314 ng

RT: 12.80 min Scan# 1653

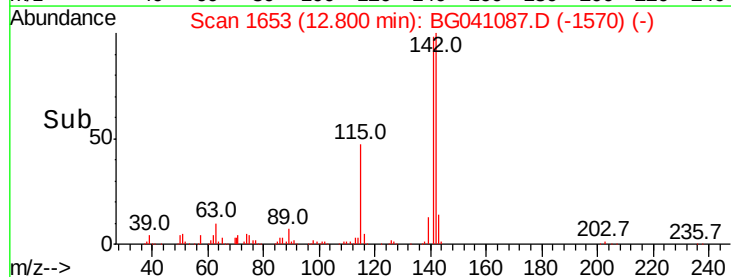
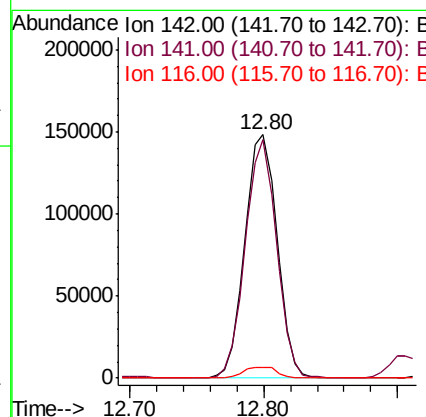
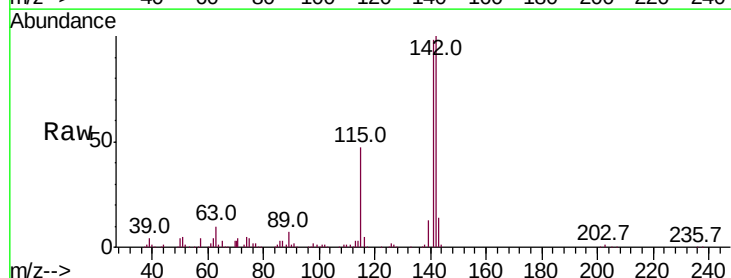
Delta R.T. -0.01 min

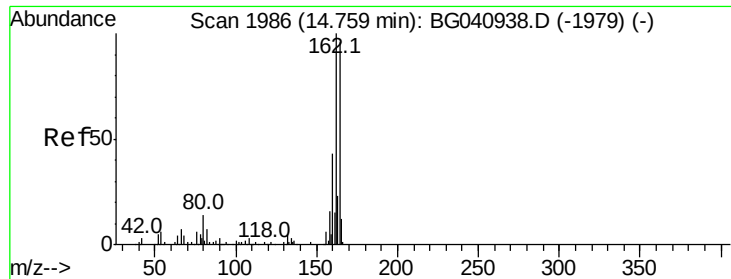
Lab File: BG041087.D

Acq: 6 Jun 2019 12:25

Tgt Ion:142 Resp: 247294

Ion	Ratio	Lower	Upper
142	100		
141	97.9	75.7	113.5
116	4.6	3.4	5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1984

Delta R.T. -0.01 min

Lab File: BG041087.D

Acq: 6 Jun 2019 12:25

Instrument :

BNA_G

ClientSampleId :

PB120371BS

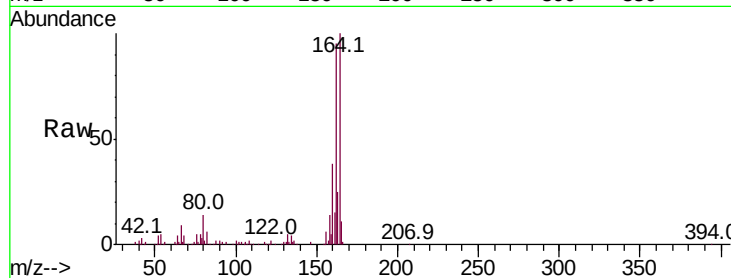
Tot Ion:164 Resp: 100405

Ion Ratio Lower Upper

164 100

162 94.6 83.0 124.4

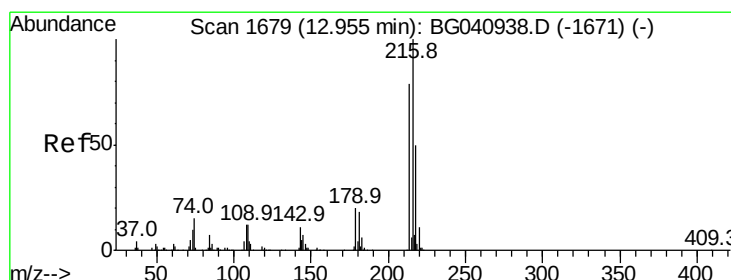
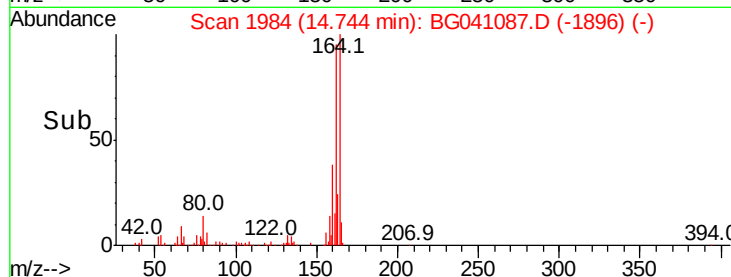
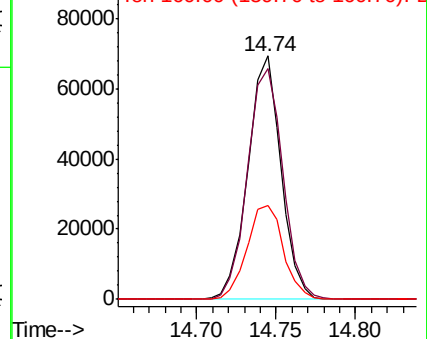
160 38.5 35.6 53.4



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: 47.030 ng

RT: 12.94 min Scan# 1677

Delta R.T. -0.01 min

Lab File: BG041087.D

Acq: 6 Jun 2019 12:25

Tgt Ion:216 Resp: 190326

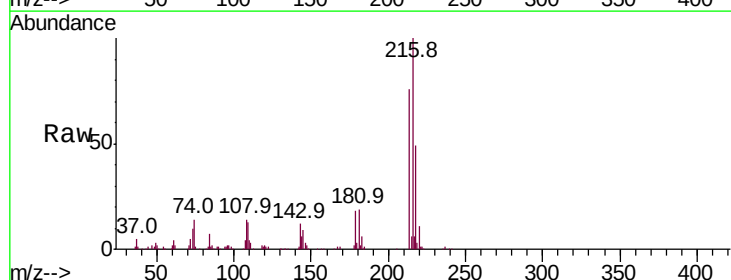
Ion Ratio Lower Upper

216 100

214 79.5 63.4 95.2

179 18.6 15.2 22.8

108 17.0 11.4 17.2

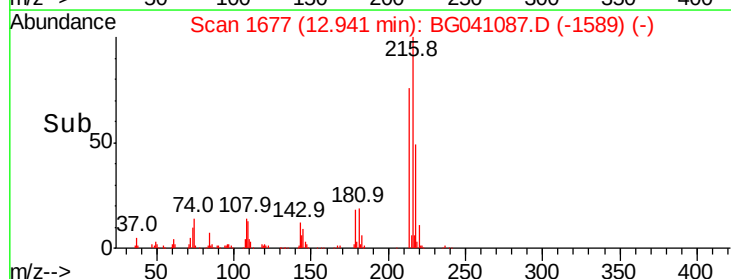
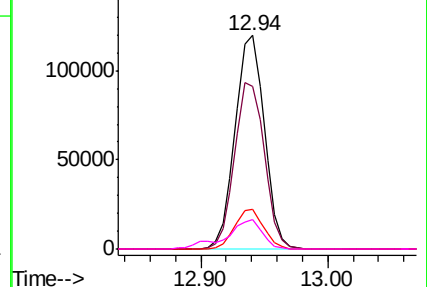


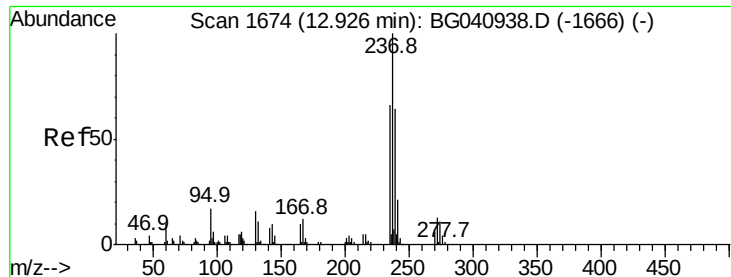
Abundance Ion 216.00 (215.70 to 216.70): E

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: 104.481 ng

RT: 12.91 min Scan# 1671

Delta R.T. -0.02 min

Lab File: BG041087.D

Acq: 6 Jun 2019 12:25

Instrument :

BNA_G

ClientSampleId :

PB120371BS

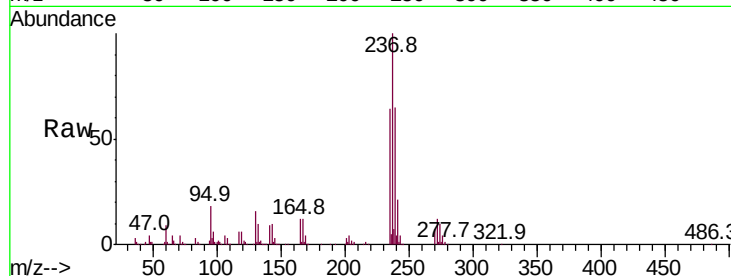
Tot Ion:237 Resp: 233398

Ion Ratio Lower Upper

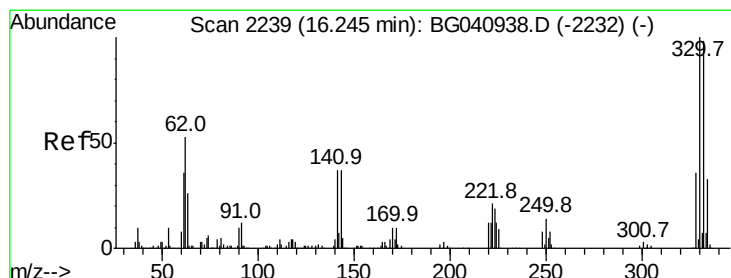
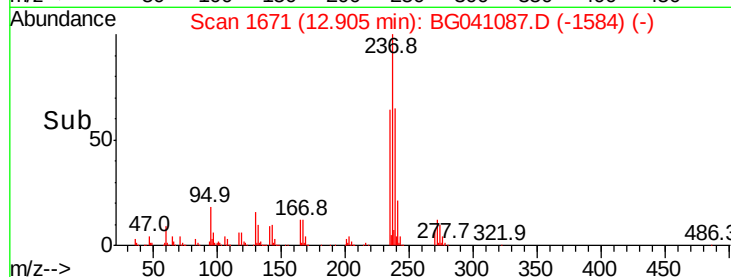
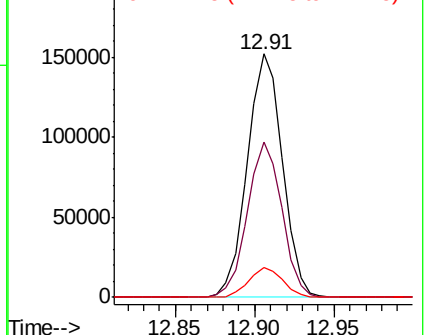
237 100

235 63.6 45.5 85.5

272 12.1 0.0 32.9



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: 127.318 ng

RT: 16.23 min Scan# 2237

Delta R.T. -0.01 min

Lab File: BG041087.D

Acq: 6 Jun 2019 12:25

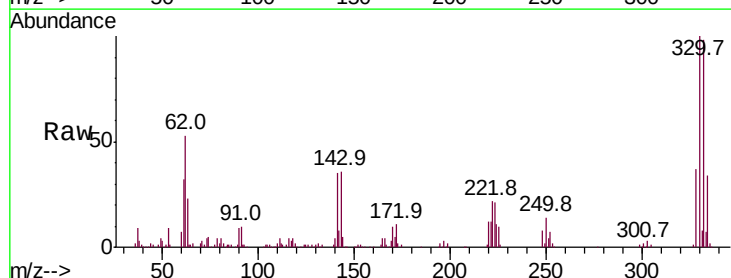
Tgt Ion:330 Resp: 189778

Ion Ratio Lower Upper

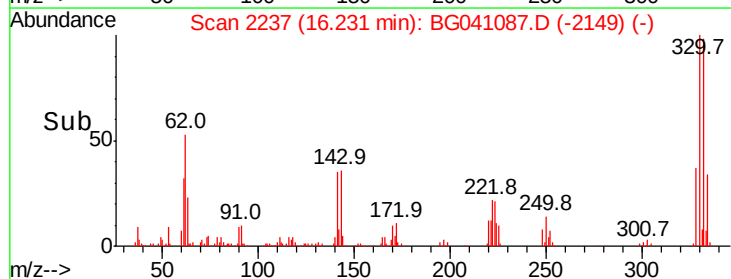
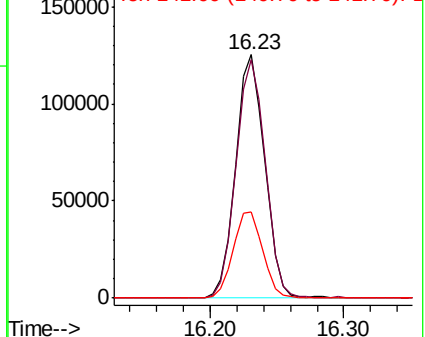
330 100

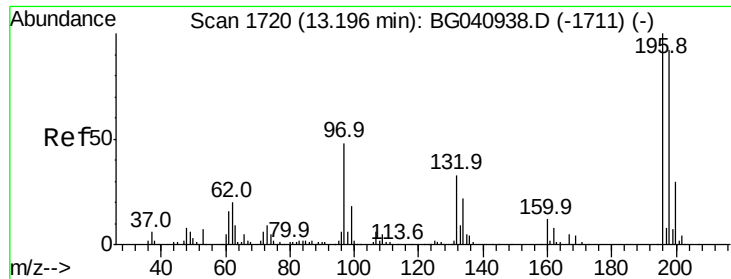
332 98.6 78.5 117.7

141 36.0 28.7 43.1



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

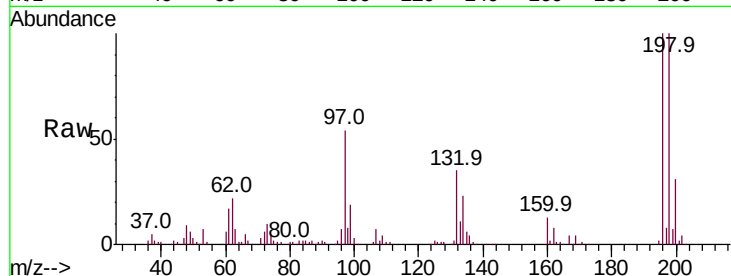




#43
 2,4,6-Trichlorophenol
 Concen: 46.126 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.02 min
 Lab File: BG041087.D
 Acq: 6 Jun 2019 12:25

Instrument :
 BNA_G
 ClientSampleId :
 PB120371BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	100.2	73.8	110.6
200	31.3	24.1	36.1

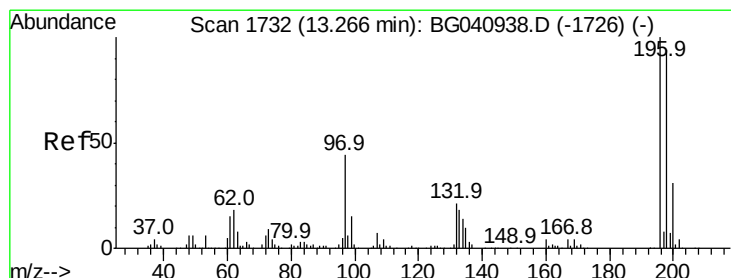
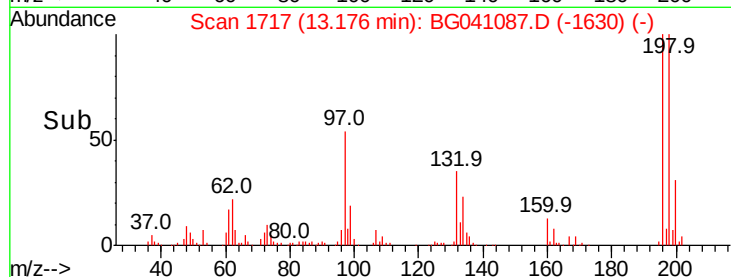
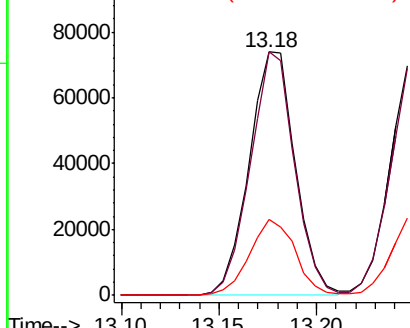


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 45.965 ng
 RT: 13.25 min Scan# 1730
 Delta R.T. -0.01 min
 Lab File: BG041087.D
 Acq: 6 Jun 2019 12:25

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.6	75.1	112.7
97	41.2	35.6	53.4
132	19.9	16.7	25.1

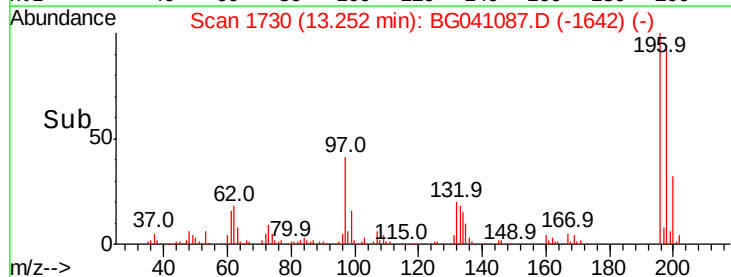
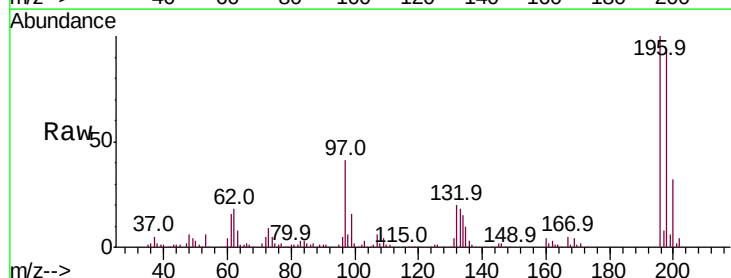
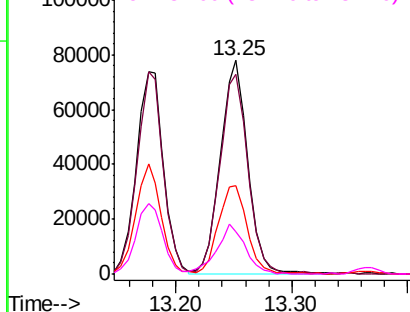
Abundance

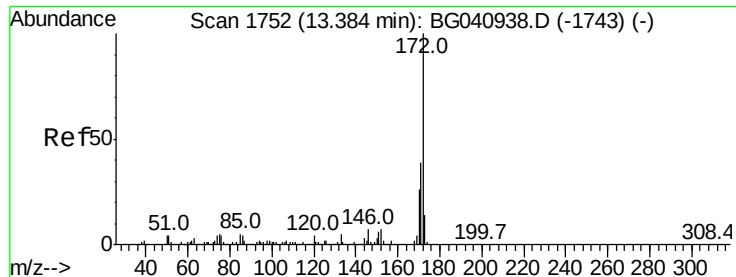
Ion 196.00 (195.70 to 196.70): E

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

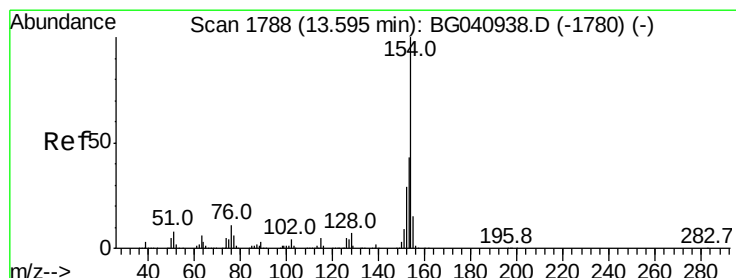
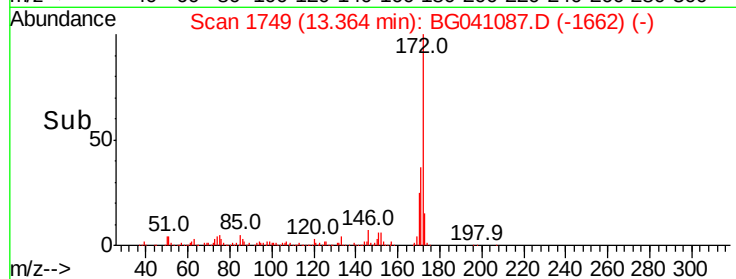
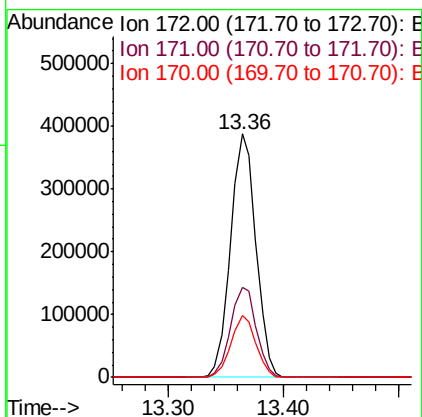
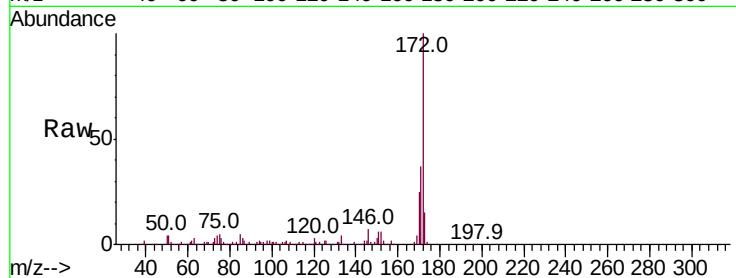




#45
2-Fluorobiphenyl
Concen: 84.448 ng
RT: 13.36 min Scan# 1749
Delta R.T. -0.02 min
Lab File: BG041087.D
Acq: 6 Jun 2019 12:25

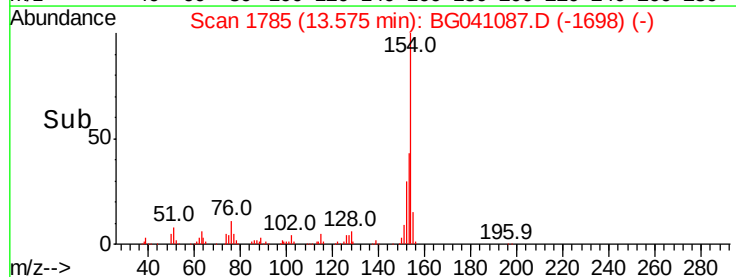
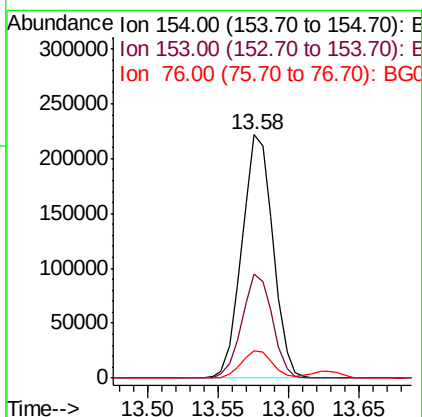
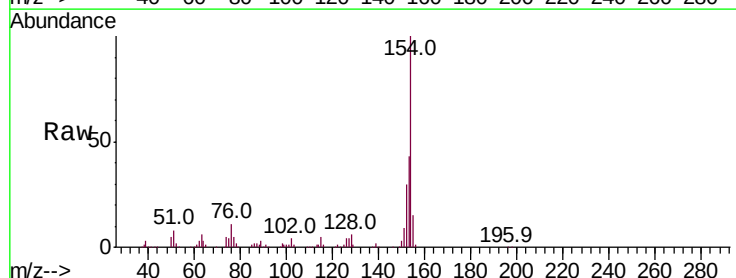
Instrument :
BNA_G
ClientSampleId :
PB120371BS

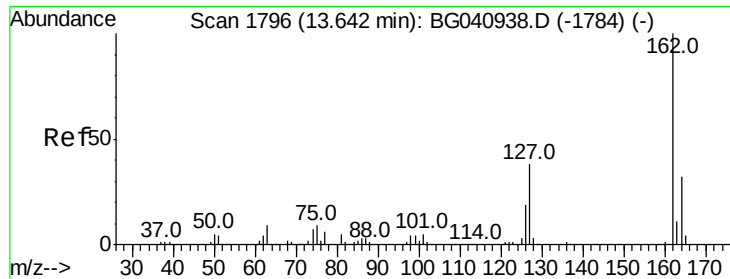
Tot Ion:172 Resp: 588779
Ion Ratio Lower Upper
172 100
171 37.0 31.1 46.7
170 25.3 20.5 30.7



#46
1,1'-Biphenyl
Concen: 45.852 ng
RT: 13.58 min Scan# 1785
Delta R.T. -0.02 min
Lab File: BG041087.D
Acq: 6 Jun 2019 12:25

Tgt Ion:154 Resp: 340779
Ion Ratio Lower Upper
154 100
153 42.6 23.3 63.3
76 11.2 0.0 31.1





#47

2-Chloronaphthalene

Concen: 44.944 ng

RT: 13.63 min Scan# 1794

Delta R.T. -0.01 min

Lab File: BG041087.D

Acq: 6 Jun 2019 12:25

Instrument :

BNA_G

ClientSampleId :

PB120371BS

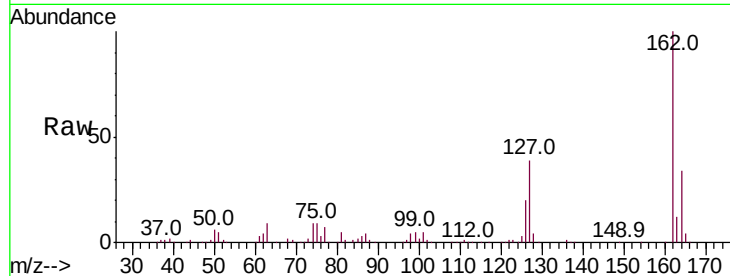
Tot Ion:162 Resp: 286761

Ion Ratio Lower Upper

162 100

127 38.9 30.5 45.7

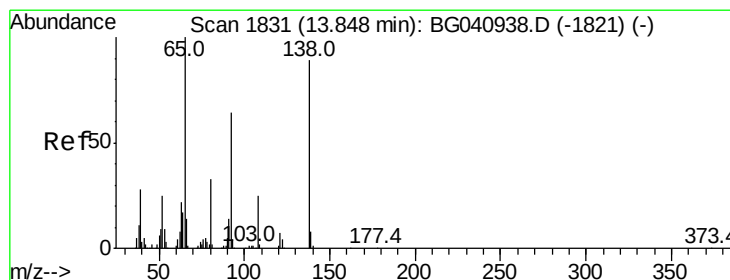
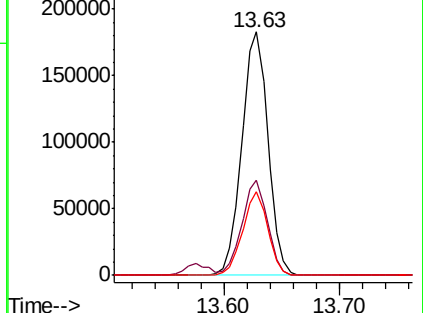
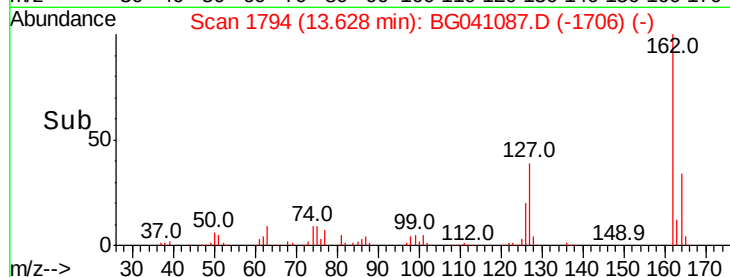
164 34.2 25.8 38.6



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 43.444 ng

RT: 13.83 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BG041087.D

Acq: 6 Jun 2019 12:25

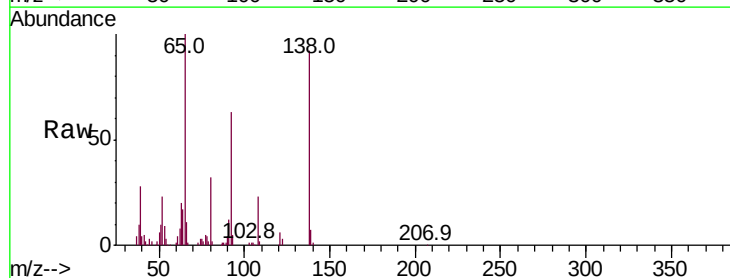
Tgt Ion: 65 Resp: 99441

Ion Ratio Lower Upper

65 100

92 62.9 51.0 76.6

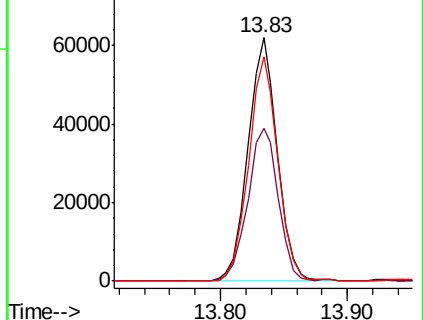
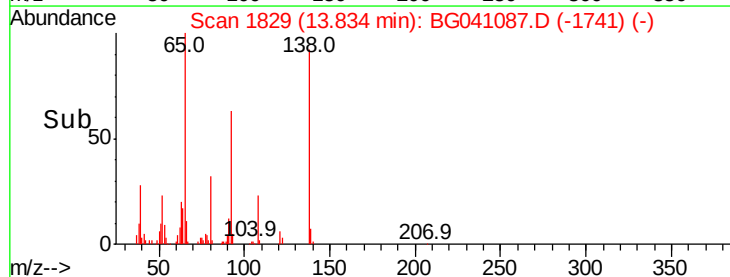
138 92.2 71.2 106.8

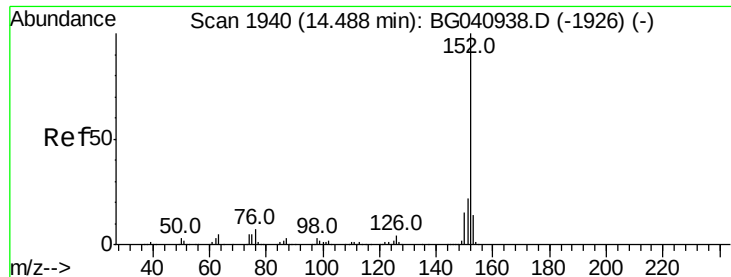


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 46.293 ng

RT: 14.47 min Scan# 1937

Delta R.T. -0.02 min

Lab File: BG041087.D

Acq: 6 Jun 2019 12:25

Instrument :

BNA_G

ClientSampleId :

PB120371BS

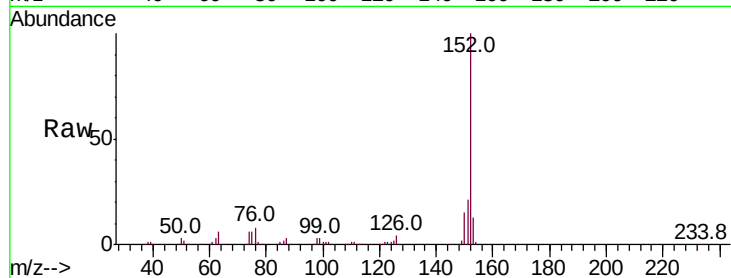
Tot Ion:152 Resp: 444551

Ion Ratio Lower Upper

152 100

151 21.4 17.4 26.0

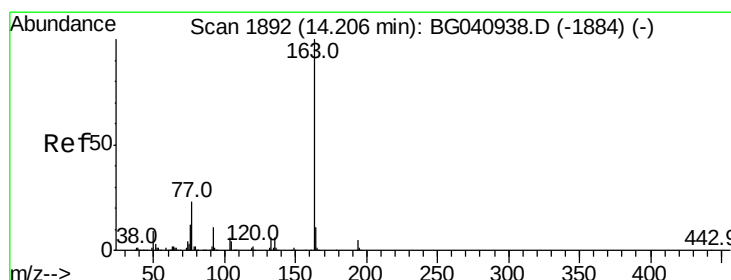
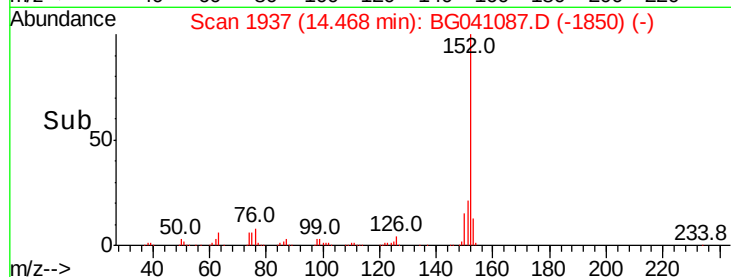
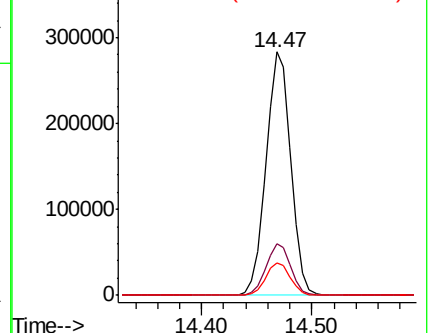
153 13.3 11.0 16.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 43.249 ng

RT: 14.19 min Scan# 1890

Delta R.T. -0.01 min

Lab File: BG041087.D

Acq: 6 Jun 2019 12:25

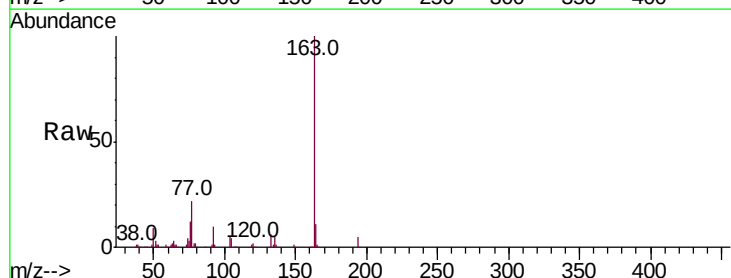
Tgt Ion:163 Resp: 367587

Ion Ratio Lower Upper

163 100

194 4.8 3.8 5.8

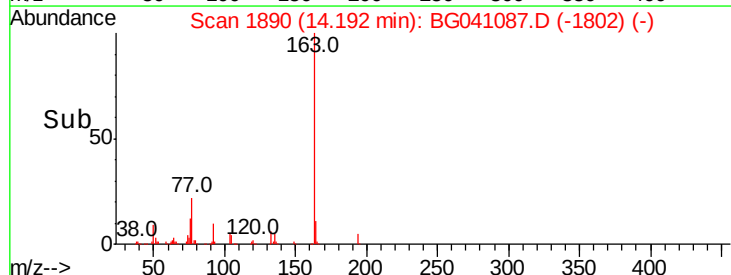
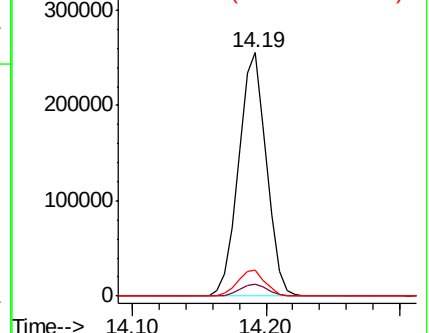
164 10.9 8.7 13.1

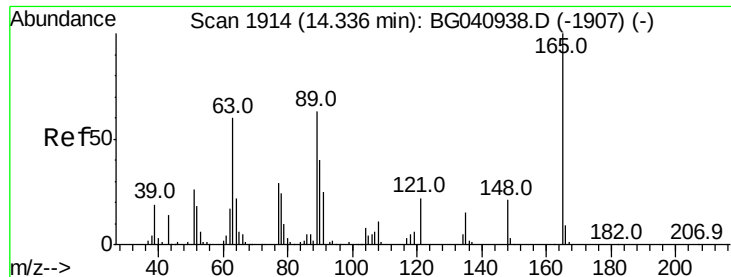


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

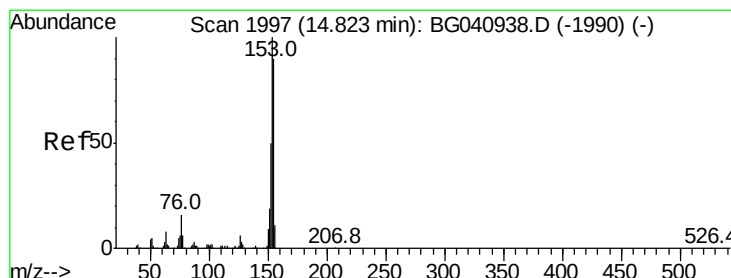
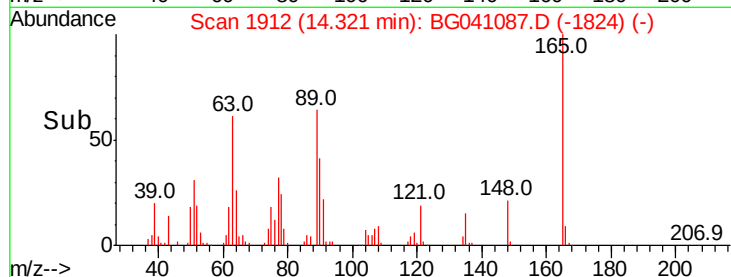
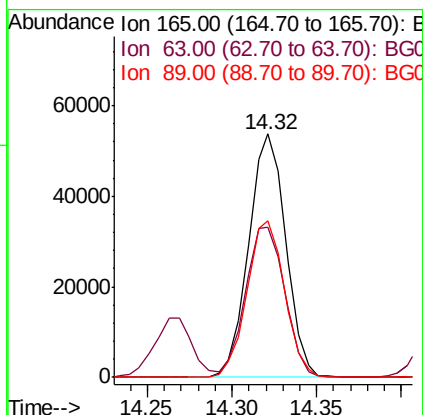
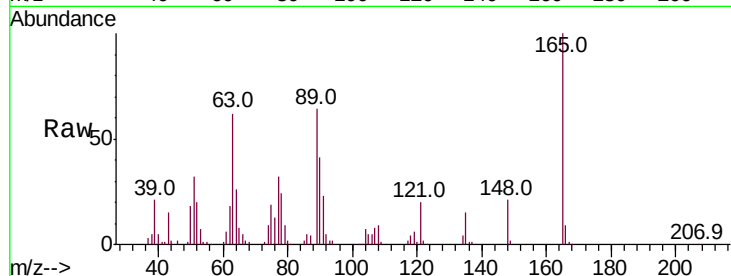




#51
 2,6-Dinitrotoluene
 Concen: 44.572 ng
 RT: 14.32 min Scan# 1912
 Delta R.T. -0.01 min
 Lab File: BG041087.D
 Acq: 6 Jun 2019 12:25

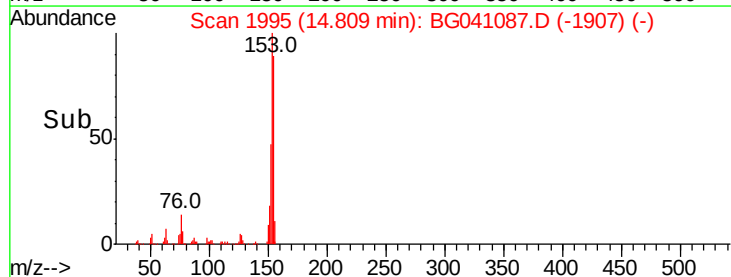
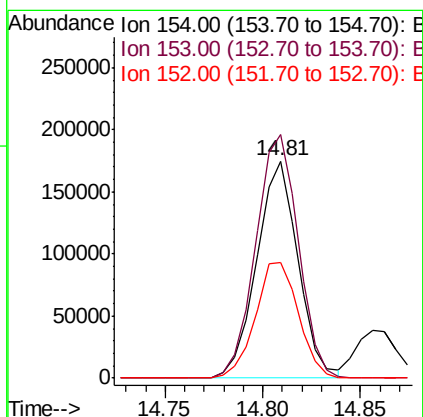
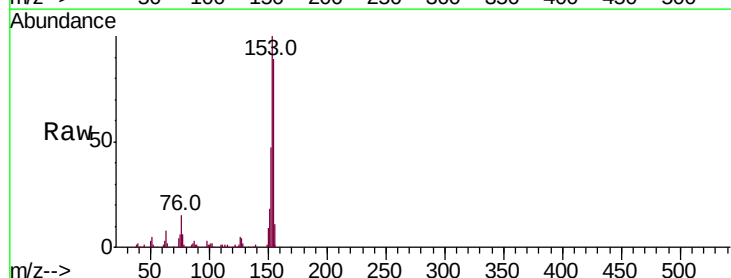
Instrument :
 BNA_G
 ClientSampleId :
 PB120371BS

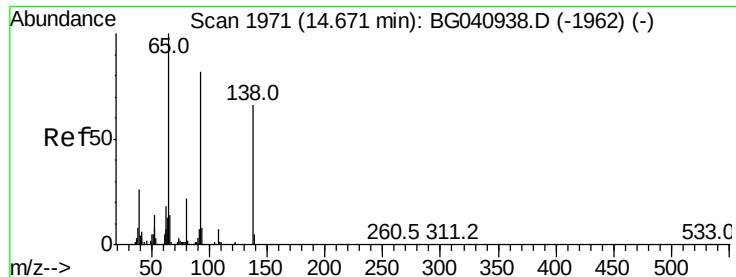
Tot Ion:165 Resp: 81680
 Ion Ratio Lower Upper
 165 100
 63 61.8 53.6 80.4
 89 64.1 50.4 75.6



#52
 Acenaphthene
 Concen: 44.055 ng
 RT: 14.81 min Scan# 1995
 Delta R.T. -0.01 min
 Lab File: BG041087.D
 Acq: 6 Jun 2019 12:25

Tgt Ion:154 Resp: 256283
 Ion Ratio Lower Upper
 154 100
 153 112.3 88.6 133.0
 152 53.1 44.2 66.4





#53

3-Nitroaniline

Concen: 29.398 ng

RT: 14.65 min Scan# 1968

Delta R.T. -0.02 min

Lab File: BG041087.D

Acq: 6 Jun 2019 12:25

Instrument :

BNA_G

ClientSampleId :

PB120371BS

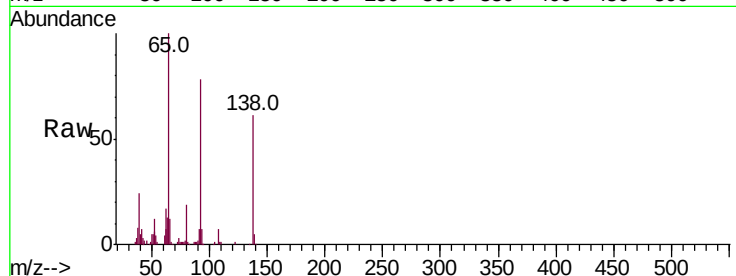
Tot Ion:138 Resp: 53871

Ion Ratio Lower Upper

138 100

108 12.2 8.5 12.7

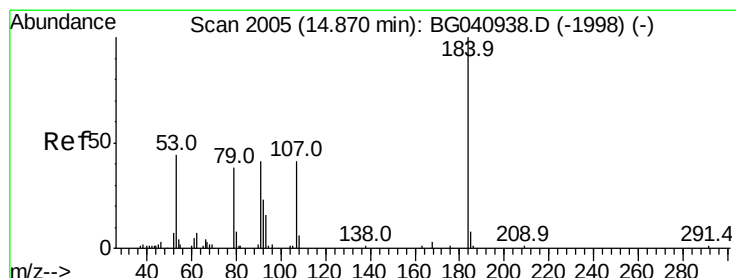
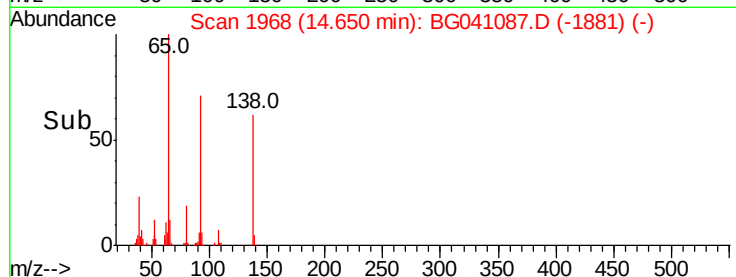
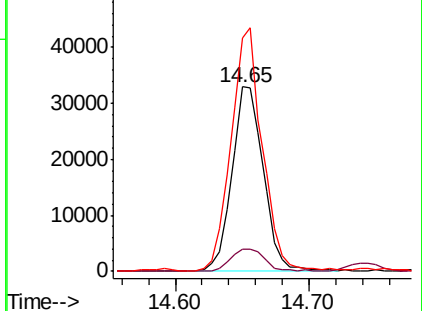
92 126.8 99.0 148.6



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: 93.017 ng

RT: 14.86 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BG041087.D

Acq: 6 Jun 2019 12:25

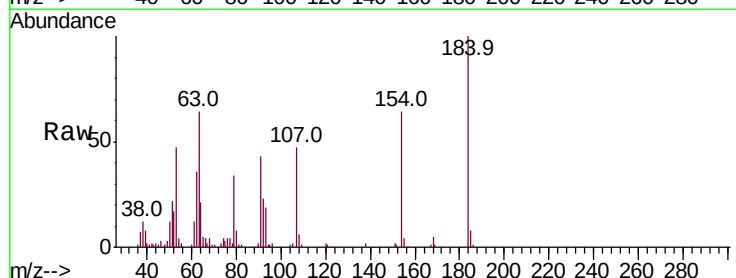
Tgt Ion:184 Resp: 95061

Ion Ratio Lower Upper

184 100

63 63.7 49.8 74.6

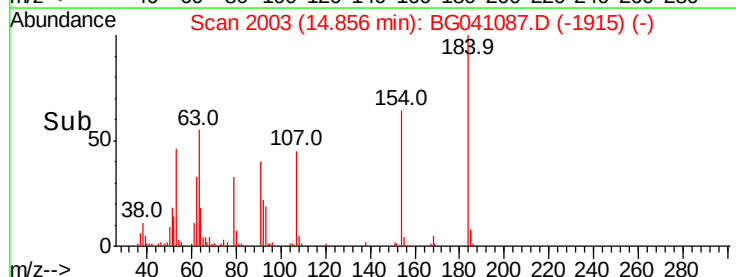
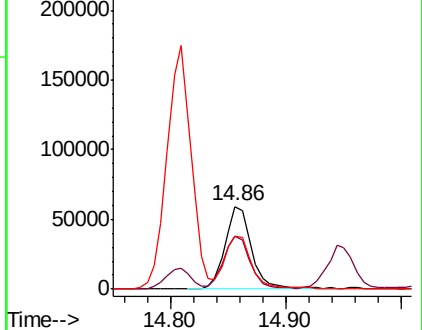
154 64.5 52.2 78.4

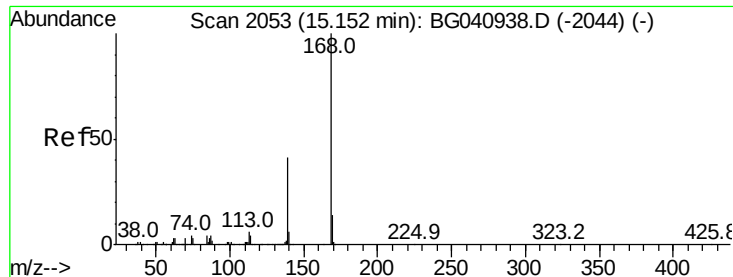


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 45.529 ng

RT: 15.14 min Scan# 2051

Delta R.T. -0.01 min

Lab File: BG041087.D

Acq: 6 Jun 2019 12:25

Instrument :

BNA_G

ClientSampleId :

PB120371BS

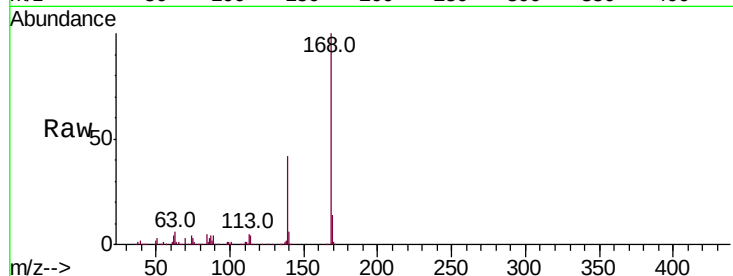
Tot Ion:168 Resp: 445661

Ion Ratio Lower Upper

168 100

139 41.7 32.8 49.2

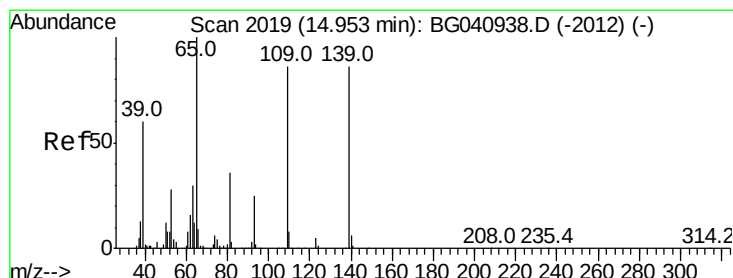
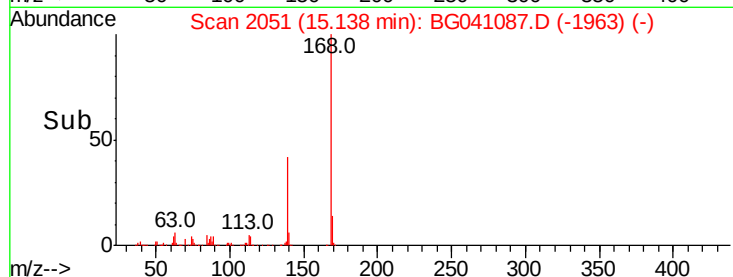
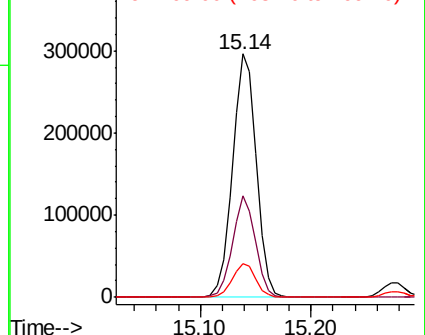
169 13.7 11.3 16.9



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 101.262 ng

RT: 14.95 min Scan# 2019

Delta R.T. -0.00 min

Lab File: BG041087.D

Acq: 6 Jun 2019 12:25

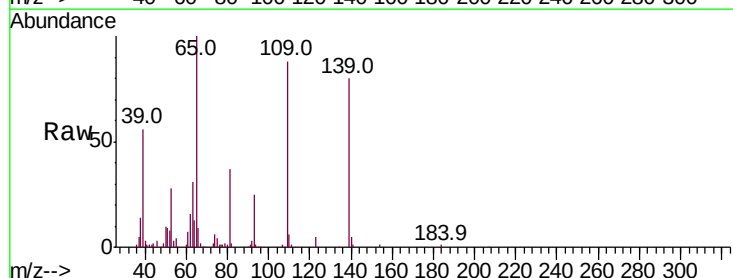
Tgt Ion:139 Resp: 127277

Ion Ratio Lower Upper

139 100

109 109.6 79.6 119.6

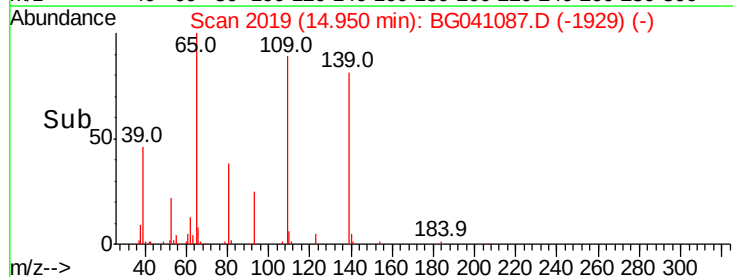
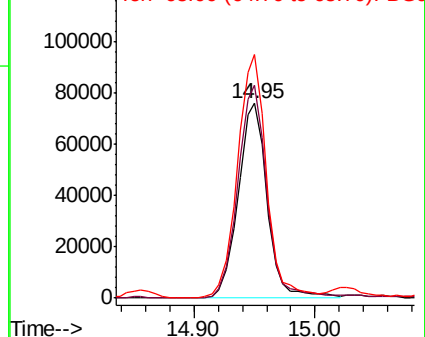
65 125.2 96.9 136.9

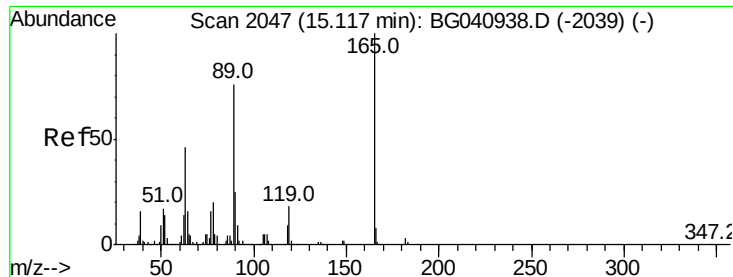


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

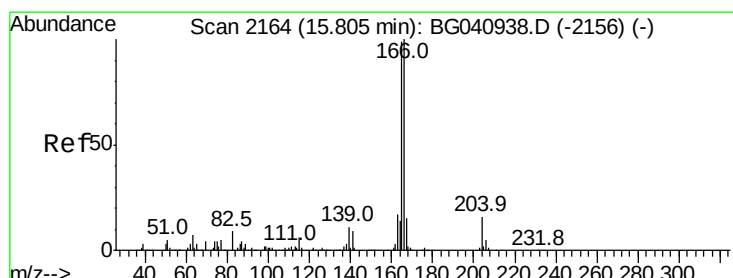
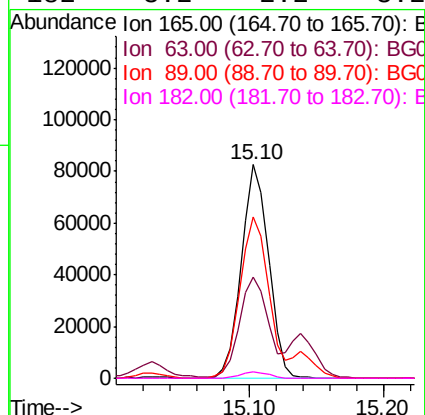
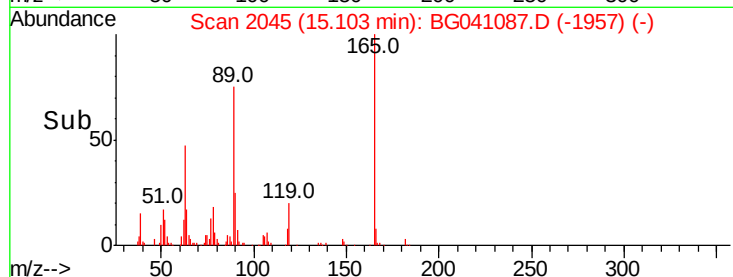
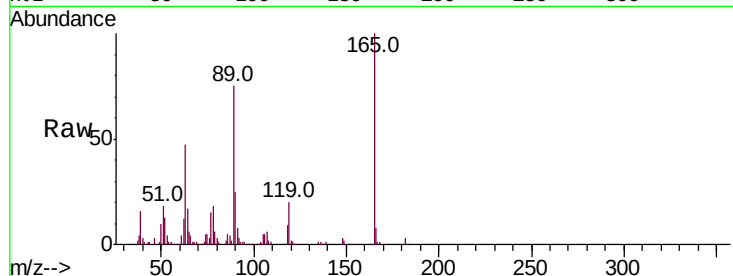




#57
2,4-Dinitrotoluene
Concen: 45.094 ng
RT: 15.10 min Scan# 2045
Delta R.T. -0.01 min
Lab File: BG041087.D
Acq: 6 Jun 2019 12:25

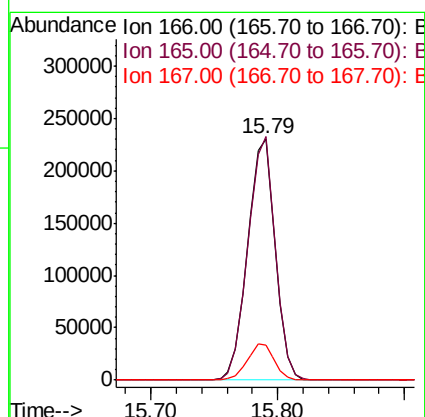
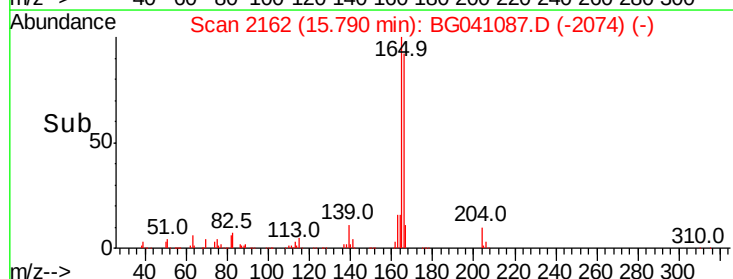
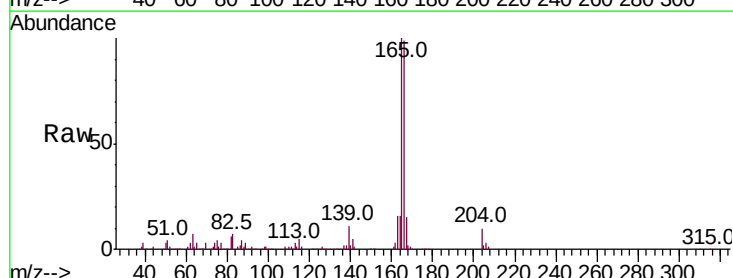
Instrument :
BNA_G
ClientSampleId :
PB120371BS

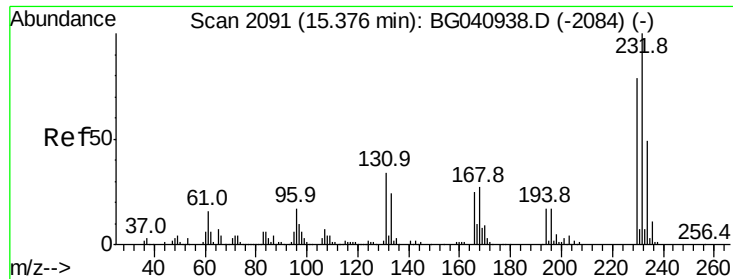
Tot Ion:165 Resp: 116729
Ion Ratio Lower Upper
165 100
63 47.3 37.3 55.9
89 75.3 61.0 91.6
182 3.2 2.2 3.2



#58
Fluorene
Concen: 44.891 ng
RT: 15.79 min Scan# 2162
Delta R.T. -0.01 min
Lab File: BG041087.D
Acq: 6 Jun 2019 12:25

Tgt Ion:166 Resp: 349951
Ion Ratio Lower Upper
166 100
165 100.9 79.2 118.8
167 14.7 11.8 17.6





#59

2,3,4,6-Tetrachlorophenol

Concen: 48.493 ng

RT: 15.36 min Scan# 2088

Delta R.T. -0.02 min

Lab File: BG041087.D

Acq: 6 Jun 2019 12:25

Instrument :

BNA_G

ClientSampleId :

PB120371BS

Tot Ion:232 Resp: 131578

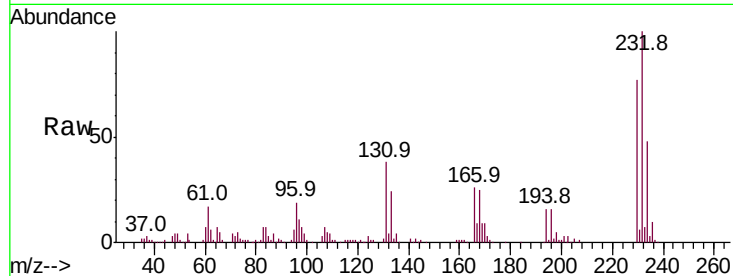
Ion Ratio Lower Upper

232 100

131 37.3 30.3 45.5

130 2.2 1.8 2.8

166 26.3 21.3 31.9

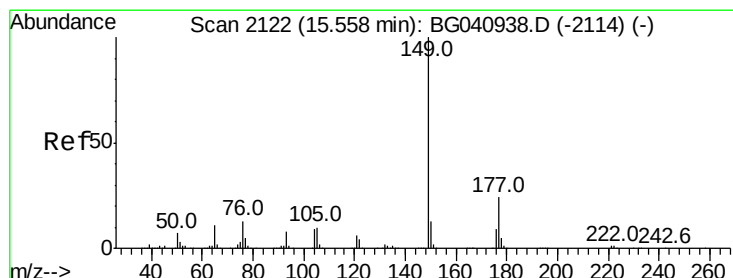
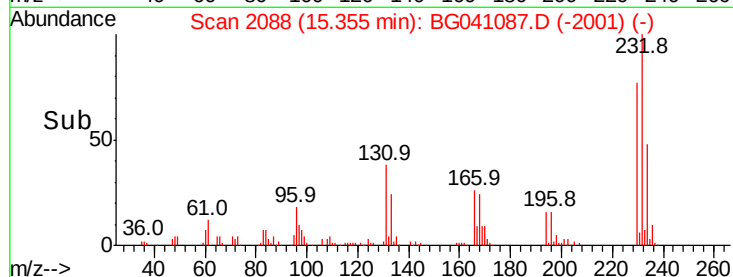
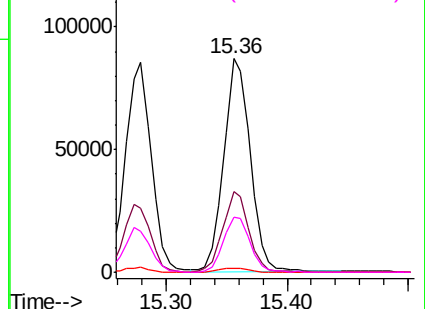


Abundance Ion 232.00 (231.70 to 232.70): E

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: 42.681 ng

RT: 15.54 min Scan# 2120

Delta R.T. -0.01 min

Lab File: BG041087.D

Acq: 6 Jun 2019 12:25

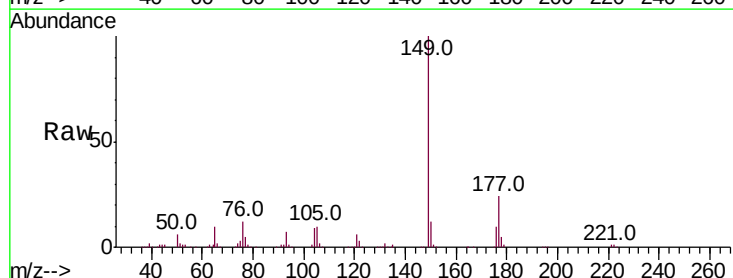
Tgt Ion:149 Resp: 370210

Ion Ratio Lower Upper

149 100

177 24.4 19.4 29.0

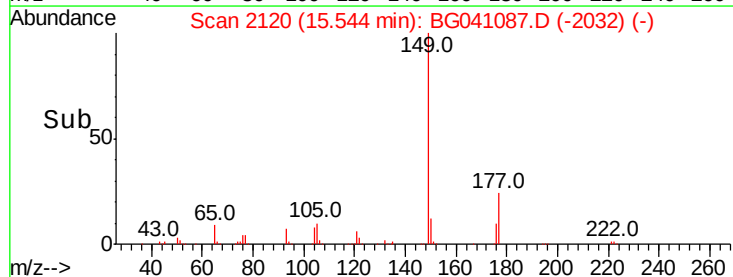
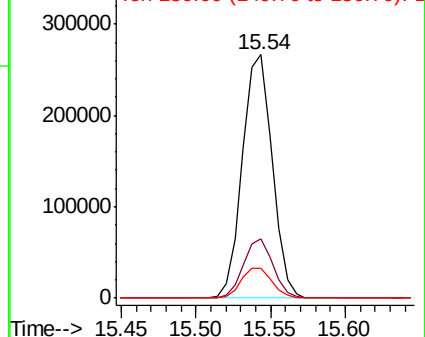
150 12.1 10.3 15.5

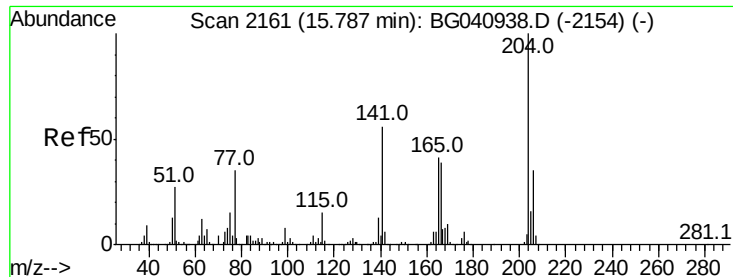


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

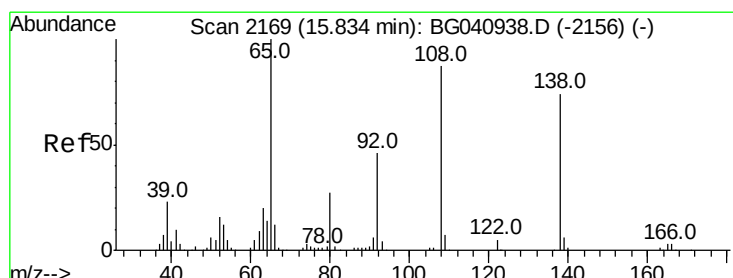
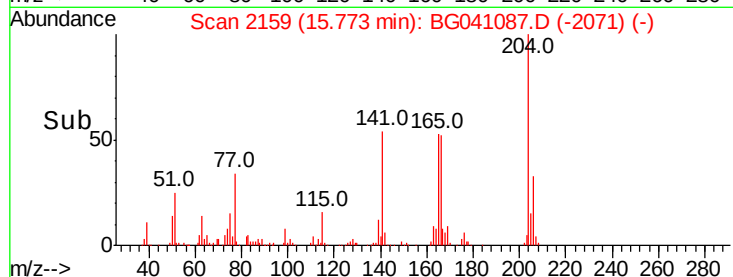
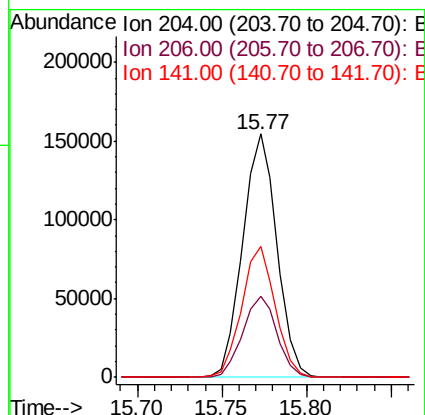
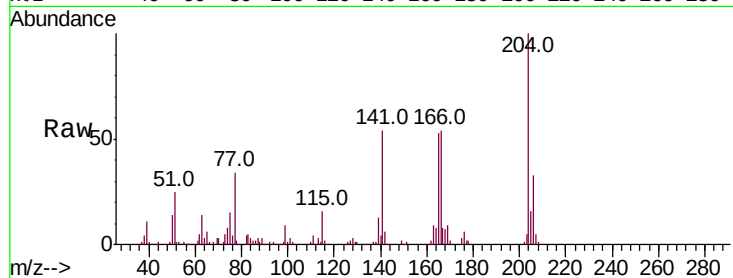




#61
4-Chlorophenyl-phenylether
Concen: 42.809 ng
RT: 15.77 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BG041087.D
Acq: 6 Jun 2019 12:25

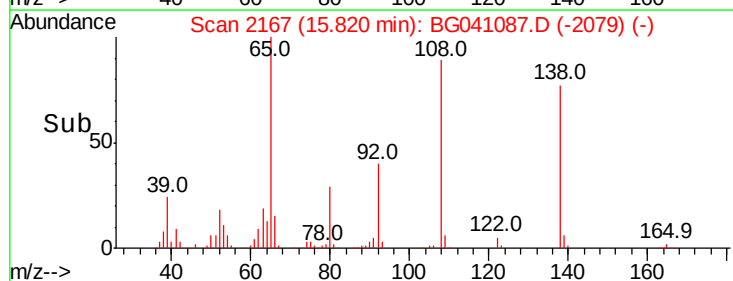
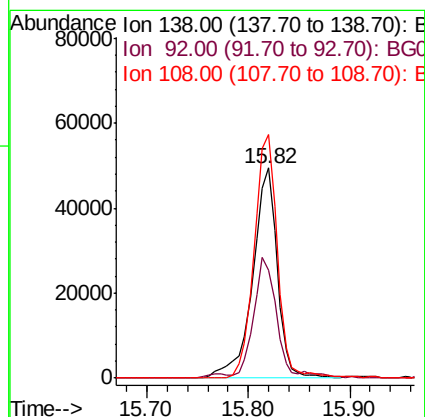
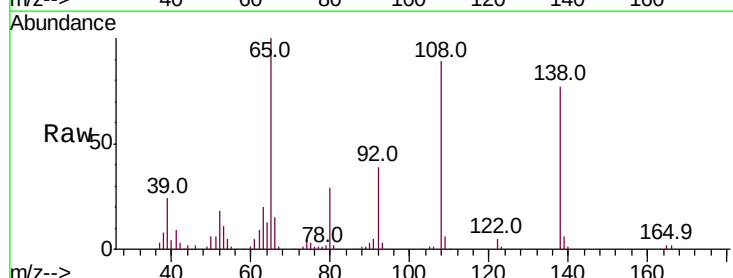
Instrument :
BNA_G
ClientSampleId :
PB120371BS

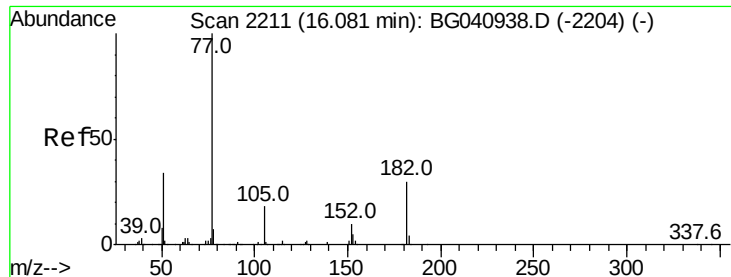
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.3	27.6	41.4
141	53.8	45.1	67.7



#62
4-Nitroaniline
Concen: 42.977 ng
RT: 15.82 min Scan# 2167
Delta R.T. -0.01 min
Lab File: BG041087.D
Acq: 6 Jun 2019 12:25

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.5	42.4	82.4
108	115.9	96.9	136.9





#63

Azobenzene

Concen: 44.460 ng

RT: 16.07 min Scan# 2209

Delta R.T. -0.01 min

Lab File: BG041087.D

Acq: 6 Jun 2019 12:25

Instrument :

BNA_G

ClientSampleId :

PB120371BS

Tot Ion: 77 Resp: 350505

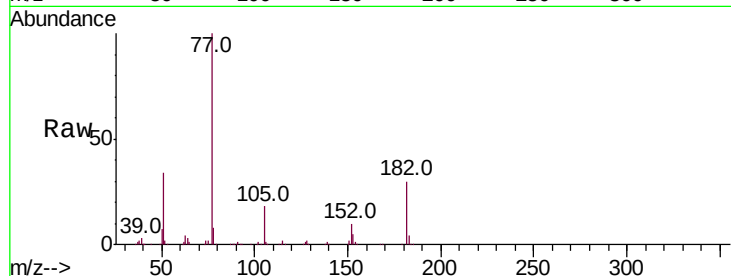
Ion Ratio Lower Upper

77 100

182 29.6 9.6 49.6

105 18.1 0.0 37.5

51 34.1 13.7 53.7

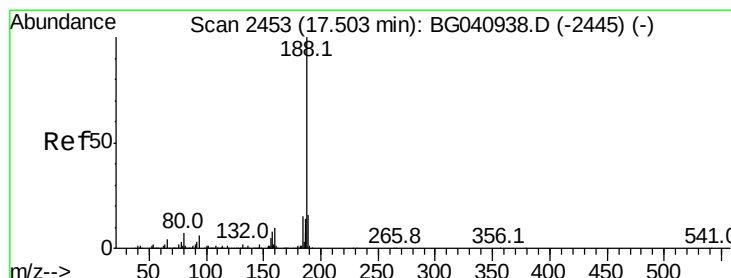
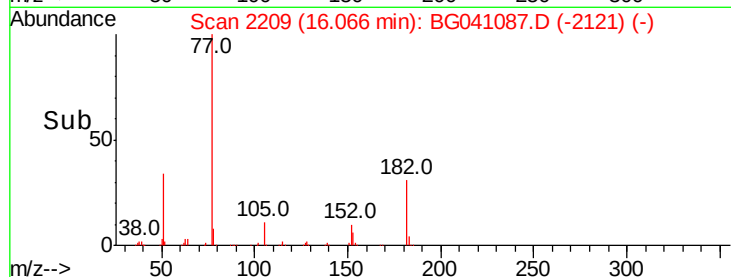
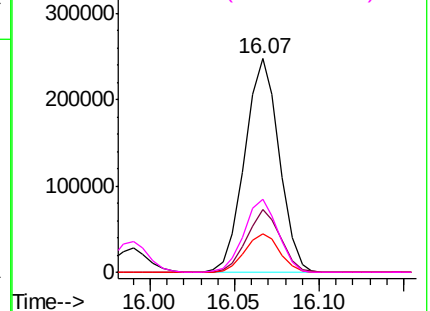


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.49 min Scan# 2451

Delta R.T. -0.01 min

Lab File: BG041087.D

Acq: 6 Jun 2019 12:25

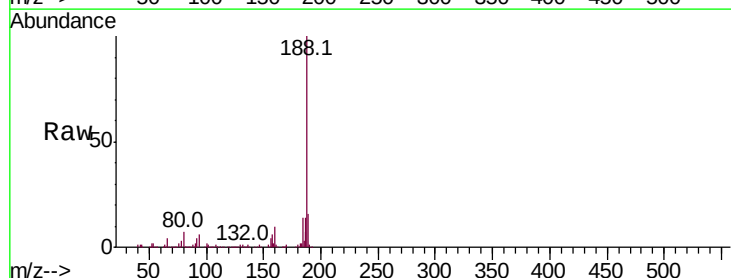
Tgt Ion: 188 Resp: 248411

Ion Ratio Lower Upper

188 100

94 5.6 4.7 7.1

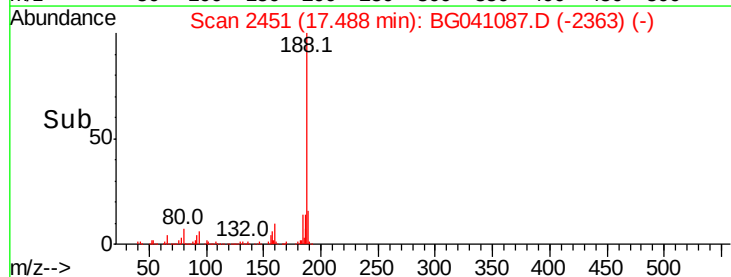
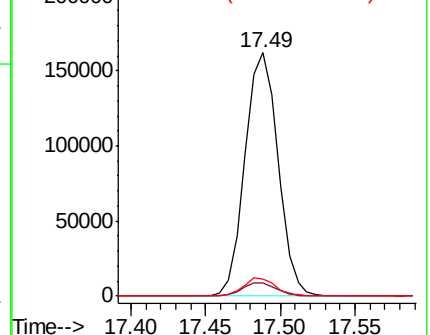
80 7.1 5.8 8.8

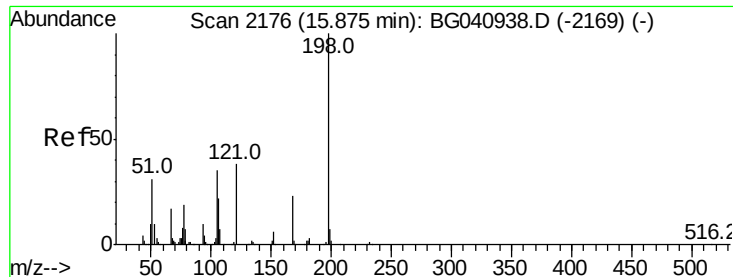


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 52.338 ng

RT: 15.86 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BG041087.D

Acq: 6 Jun 2019 12:25

Instrument :

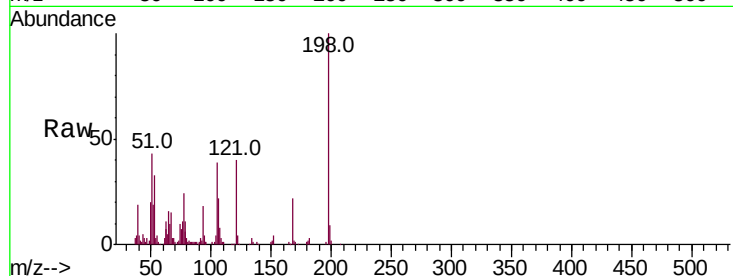
BNA_G

ClientSampleId :

PB120371BS

Tot Ion:198 Resp: 70927

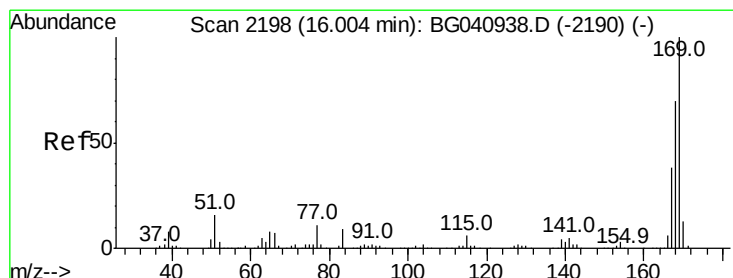
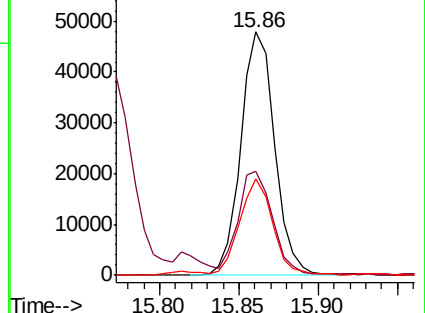
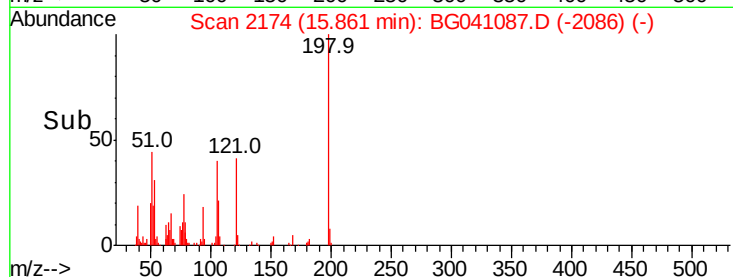
Ion	Ratio	Lower	Upper
198	100		
51	42.6	21.6	61.6
105	39.5	17.5	57.5



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 45.554 ng

RT: 15.99 min Scan# 2196

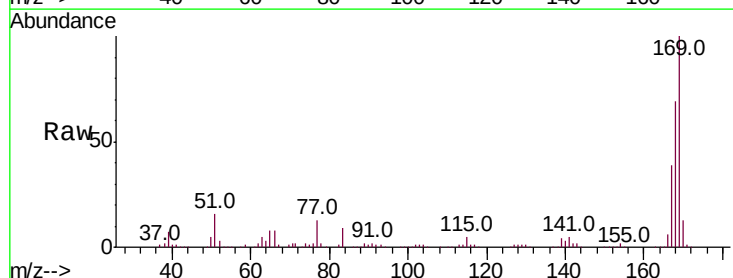
Delta R.T. -0.01 min

Lab File: BG041087.D

Acq: 6 Jun 2019 12:25

Tgt Ion:169 Resp: 318108

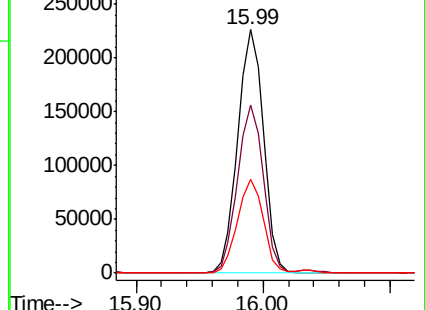
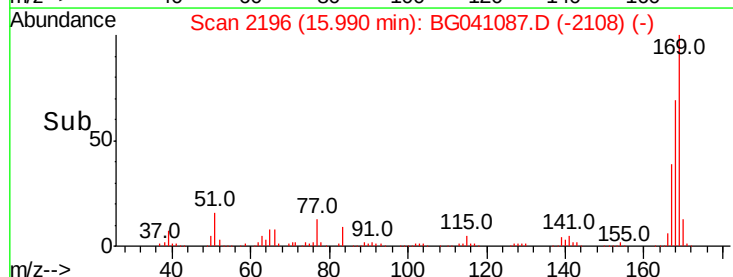
Ion	Ratio	Lower	Upper
169	100		
168	69.0	55.7	83.5
167	38.8	30.2	45.2

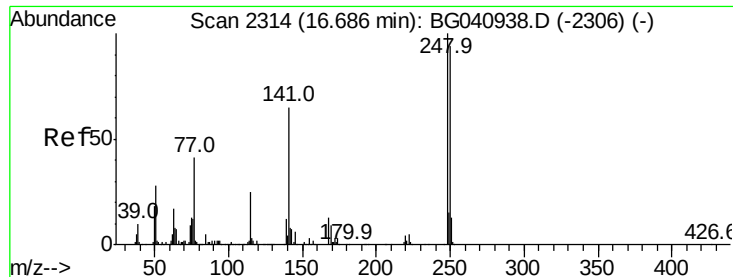


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

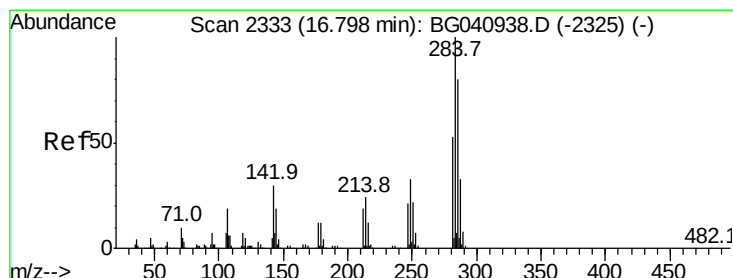
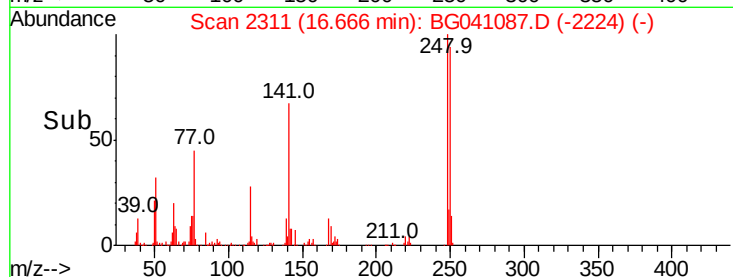
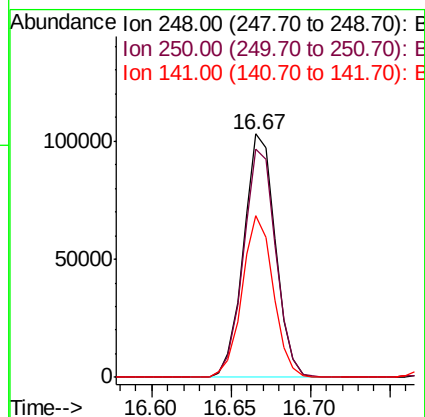
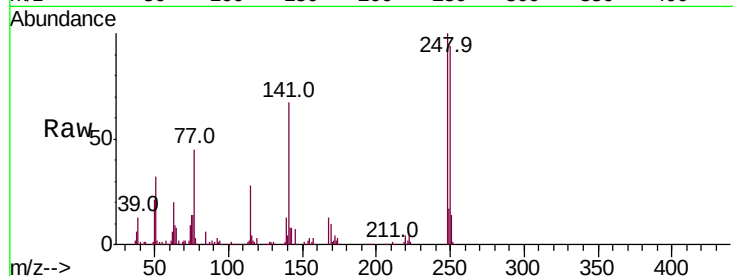




#67
4-Bromophenyl-phenylether
Concen: 42.650 ng
RT: 16.67 min Scan# 2311
Delta R.T. -0.02 min
Lab File: BG041087.D
Acq: 6 Jun 2019 12:25

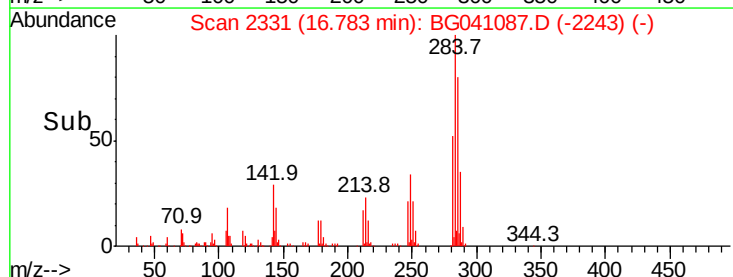
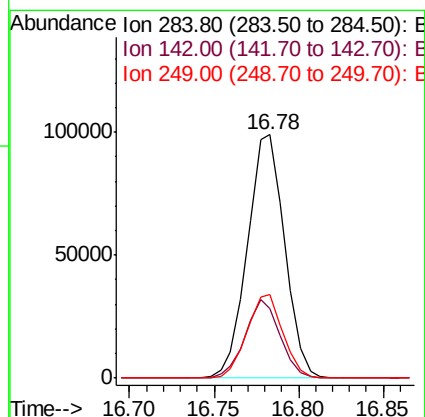
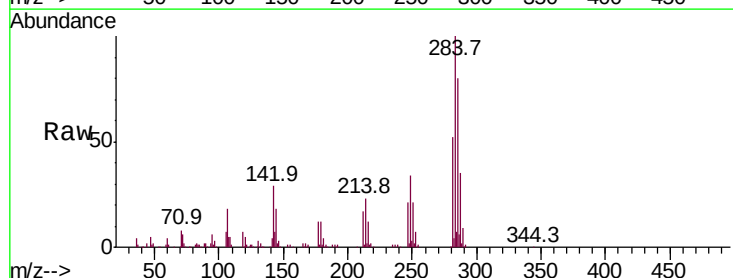
Instrument :
BNA_G
ClientSampleId :
PB120371BS

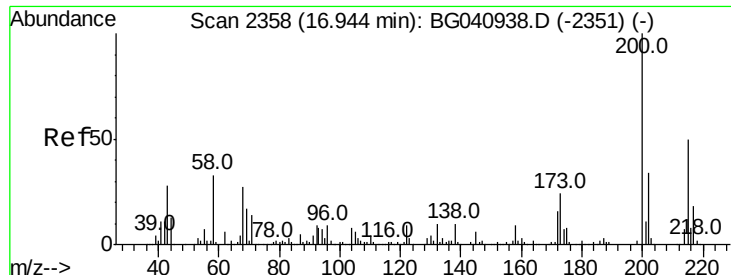
Tot Ion:248 Resp: 142979
Ion Ratio Lower Upper
248 100
250 93.6 75.0 112.4
141 66.7 52.4 78.6



#68
Hexachlorobenzene
Concen: 42.416 ng
RT: 16.78 min Scan# 2331
Delta R.T. -0.01 min
Lab File: BG041087.D
Acq: 6 Jun 2019 12:25

Tgt Ion:284 Resp: 151416
Ion Ratio Lower Upper
284 100
142 28.8 23.9 35.9
249 34.5 26.8 40.2





#69

Atrazine

Concen: 51.191 ng

RT: 16.93 min Scan# 2356

Delta R.T. -0.01 min

Lab File: BG041087.D

Acq: 6 Jun 2019 12:25

Instrument :

BNA_G

ClientSampleId :

PB120371BS

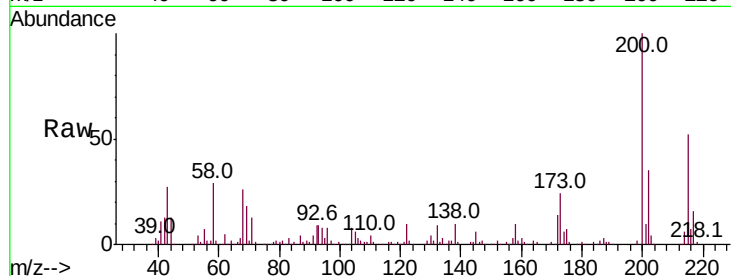
Tot Ion:200 Resp: 137932

Ion Ratio Lower Upper

200 100

173 23.8 3.6 43.6

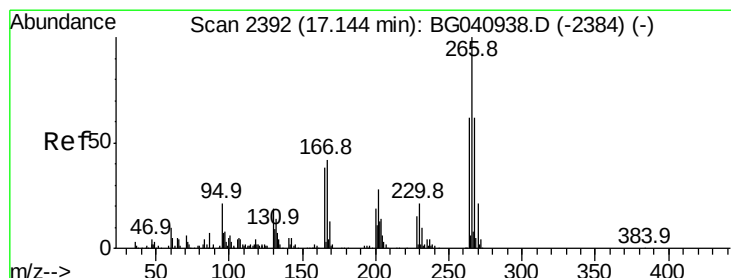
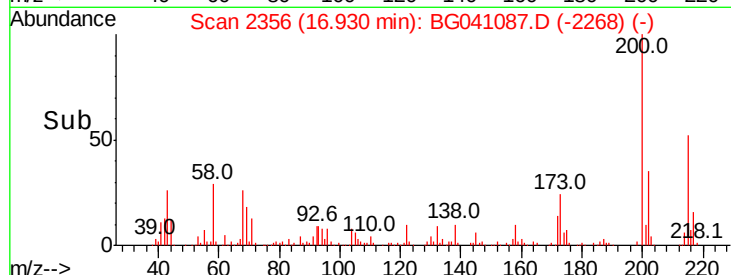
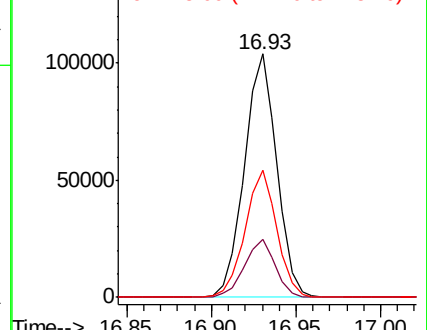
215 52.2 29.6 69.6



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 96.834 ng

RT: 17.13 min Scan# 2390

Delta R.T. -0.01 min

Lab File: BG041087.D

Acq: 6 Jun 2019 12:25

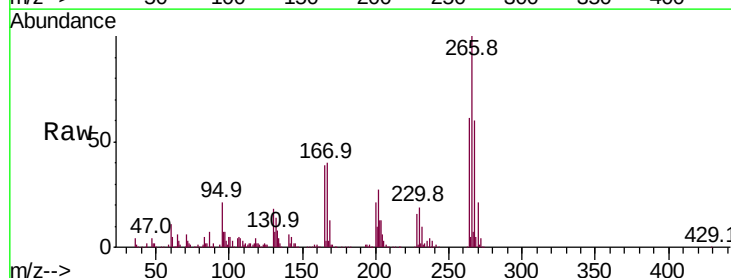
Tgt Ion:266 Resp: 186988

Ion Ratio Lower Upper

266 100

268 64.3 53.1 79.7

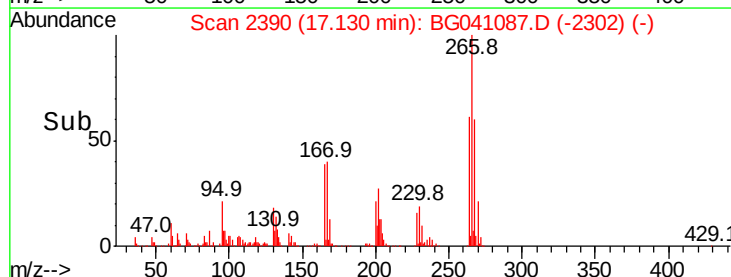
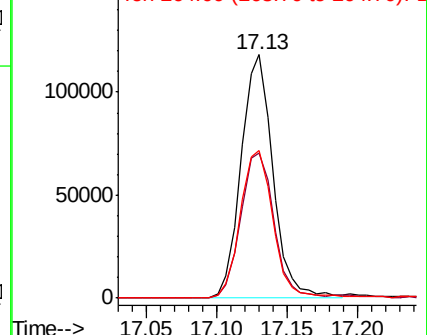
264 60.5 49.9 74.9

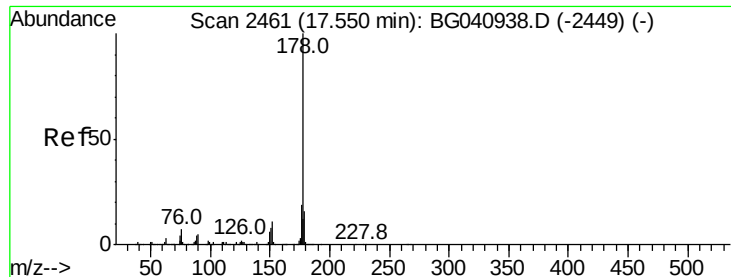


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 46.869 ng

RT: 17.53 min Scan# 2458

Delta R.T. -0.02 min

Lab File: BG041087.D

Acq: 6 Jun 2019 12:25

Instrument :

BNA_G

ClientSampleId :

PB120371BS

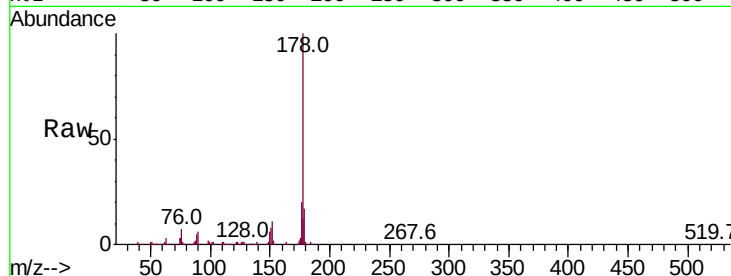
Tot Ion:178 Resp: 606451

Ion Ratio Lower Upper

178 100

176 20.0 15.5 23.3

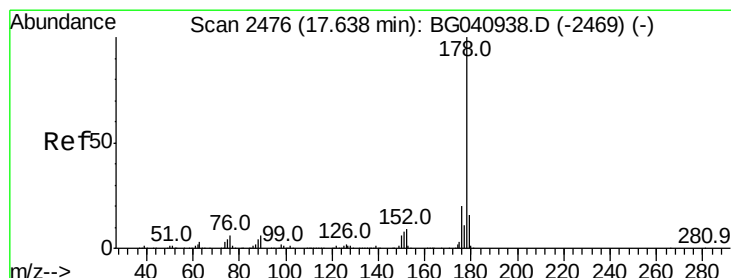
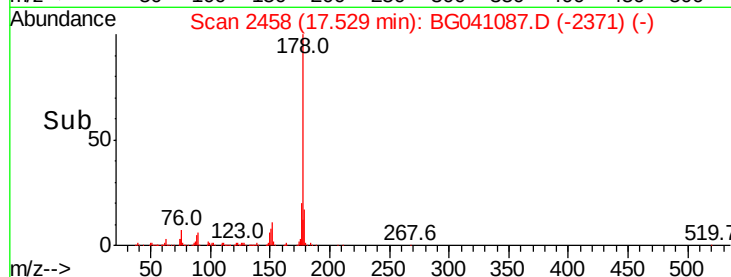
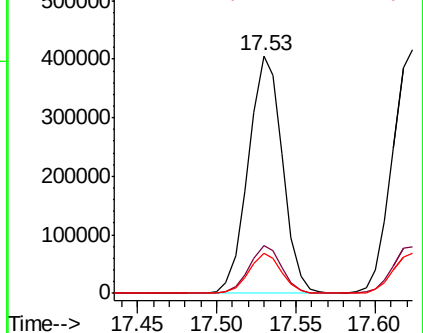
179 16.9 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 49.218 ng

RT: 17.62 min Scan# 2474

Delta R.T. -0.01 min

Lab File: BG041087.D

Acq: 6 Jun 2019 12:25

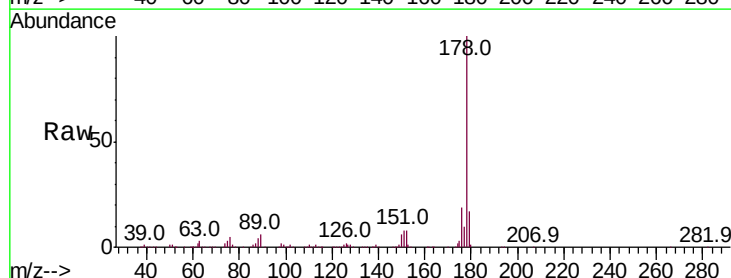
Tgt Ion:178 Resp: 628104

Ion Ratio Lower Upper

178 100

176 18.9 15.6 23.4

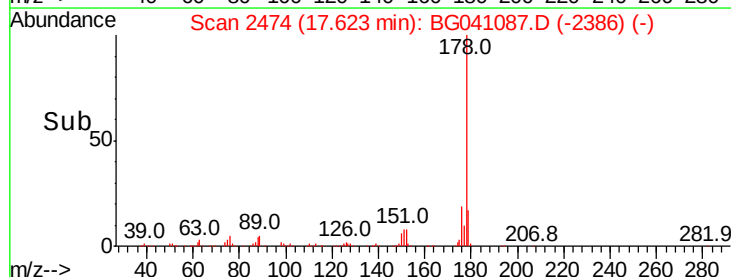
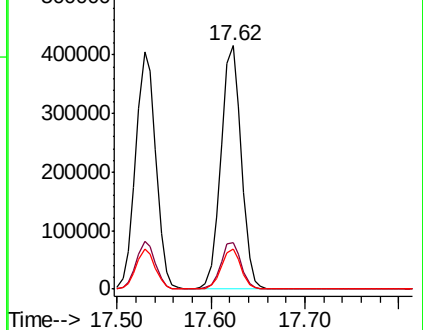
179 16.7 13.0 19.4

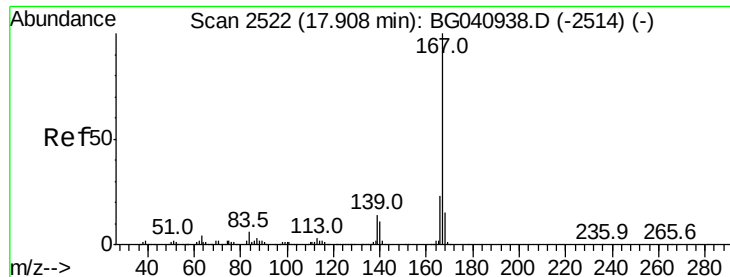


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

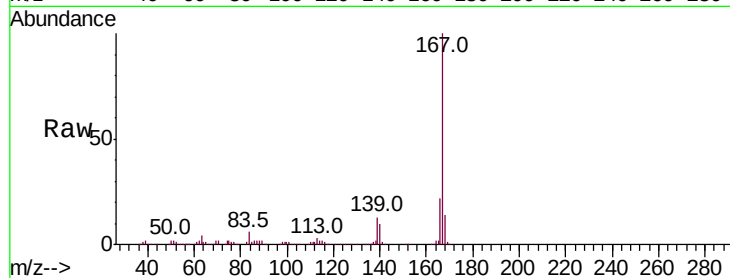




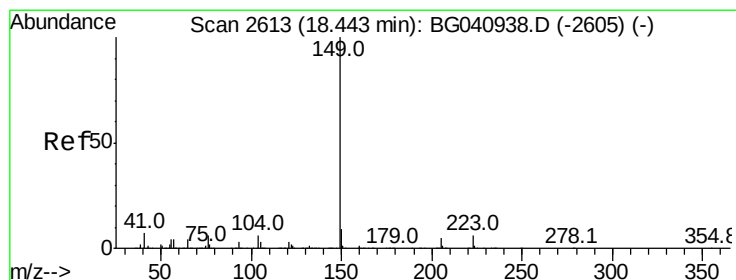
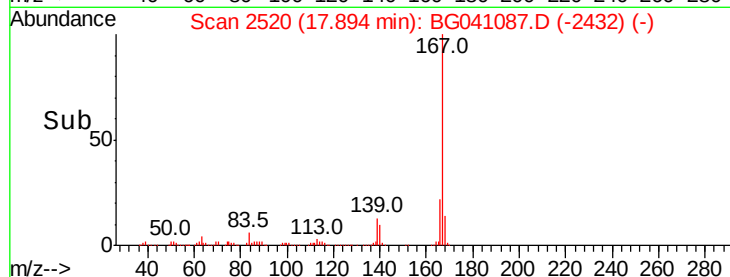
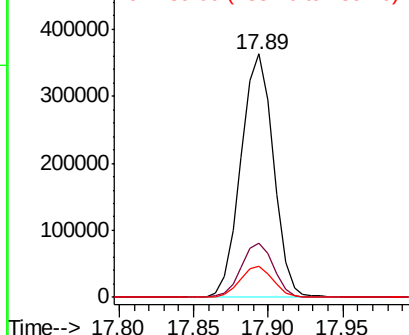
#73
 Carbazole
 Concen: 50.234 ng
 RT: 17.89 min Scan# 2520
 Delta R.T. -0.01 min
 Lab File: BG041087.D
 Acq: 6 Jun 2019 12:25

Instrument :
 BNA_G
 ClientSampleId :
 PB120371BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.0	18.2	27.4
139	12.7	10.8	16.2

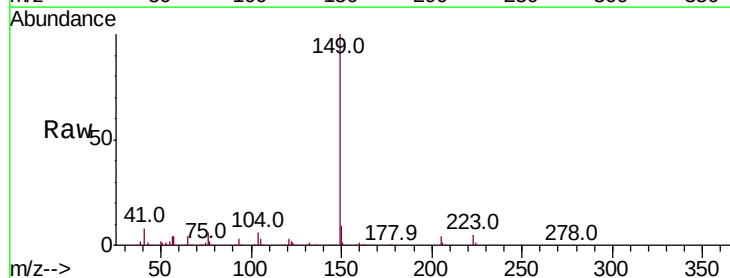


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

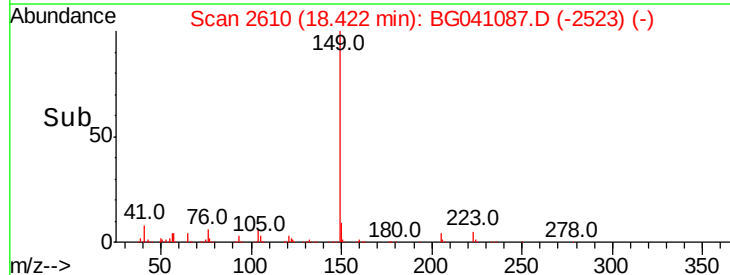
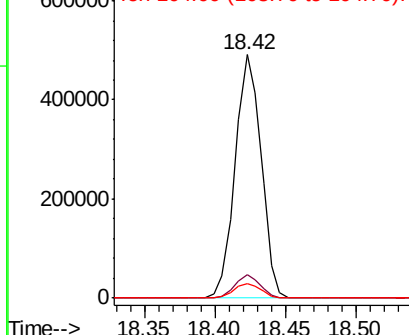


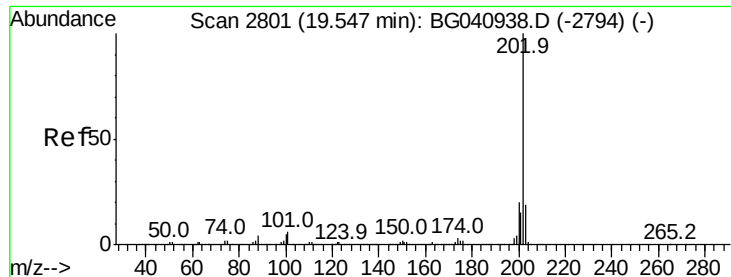
#74
 Di-n-butylphthalate
 Concen: 46.325 ng
 RT: 18.42 min Scan# 2610
 Delta R.T. -0.02 min
 Lab File: BG041087.D
 Acq: 6 Jun 2019 12:25

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.4	11.2
104	5.8	5.0	7.4



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 51.839 ng

RT: 19.53 min Scan# 2799

Delta R.T. -0.01 min

Lab File: BG041087.D

Acq: 6 Jun 2019 12:25

Instrument :

BNA_G

ClientSampleId :

PB120371BS

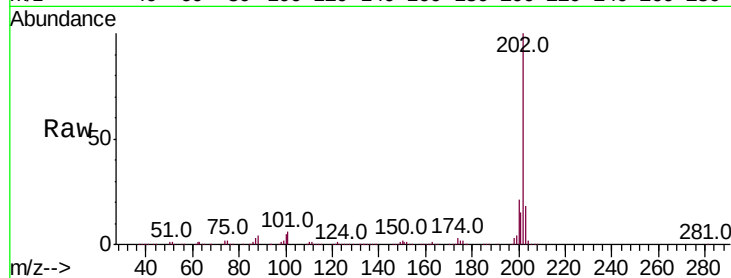
Tot Ion:202 Resp: 828501

Ion Ratio Lower Upper

202 100

101 6.3 0.0 26.2

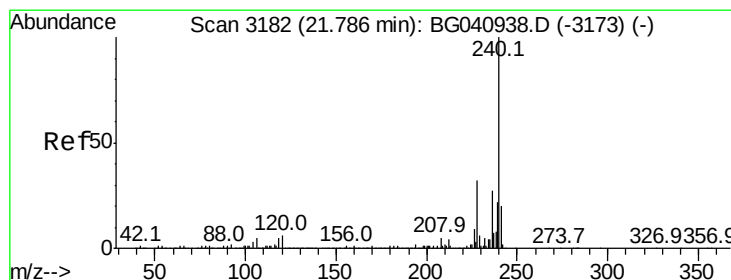
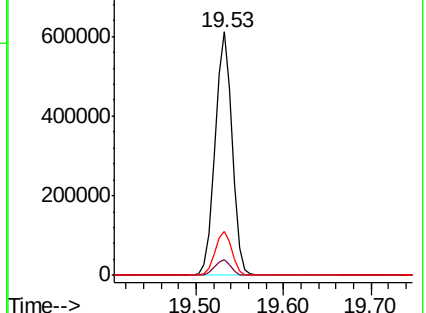
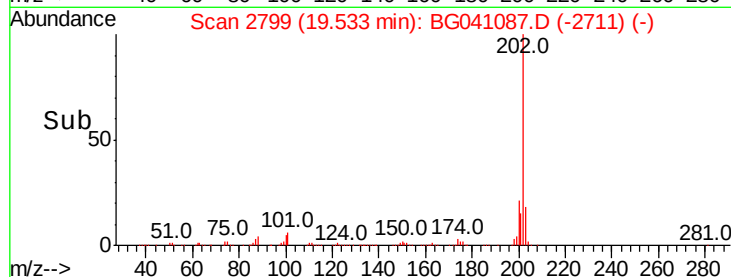
203 17.9 0.0 38.7



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: 21.77 min Scan# 3179

Delta R.T. -0.02 min

Lab File: BG041087.D

Acq: 6 Jun 2019 12:25

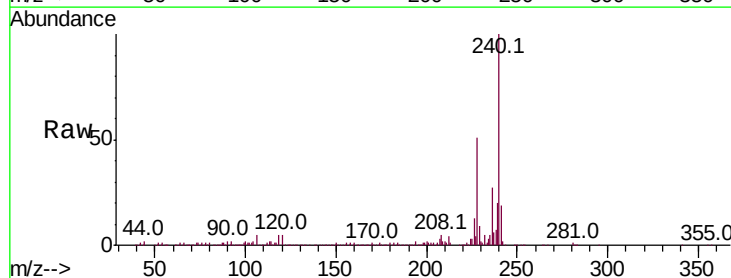
Tgt Ion:240 Resp: 277752

Ion Ratio Lower Upper

240 100

120 5.1 4.5 6.7

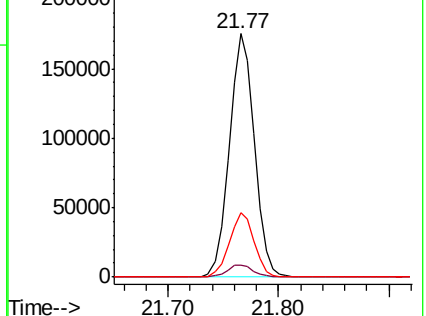
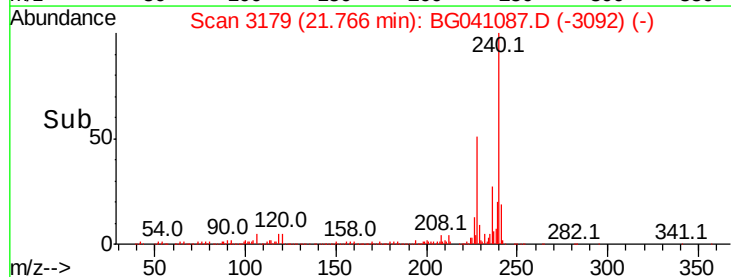
236 26.6 21.3 31.9

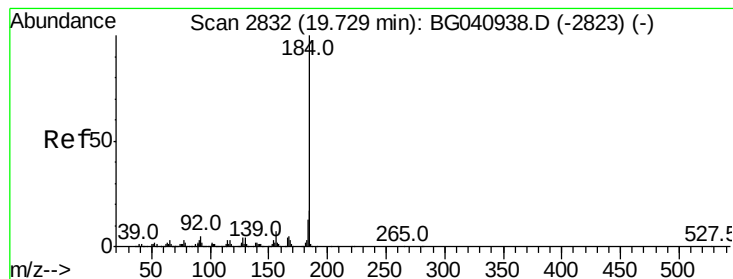


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 45.280 ng

RT: 19.72 min Scan# 2830

Delta R.T. -0.01 min

Lab File: BG041087.D

Acq: 6 Jun 2019 12:25

Instrument :

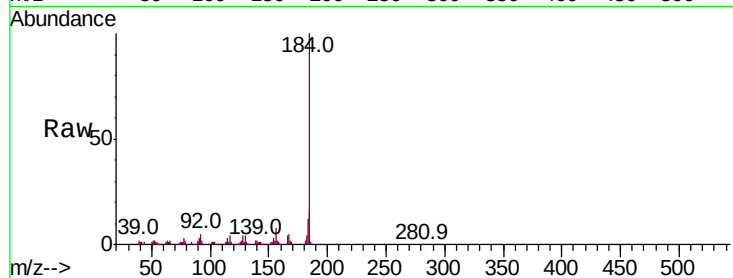
BNA_G

ClientSampleId :

PB120371BS

Tot Ion:184 Resp: 300019

Ion	Ratio	Lower	Upper
184	100		
185	15.6	13.3	19.9
183	12.3	10.7	16.1

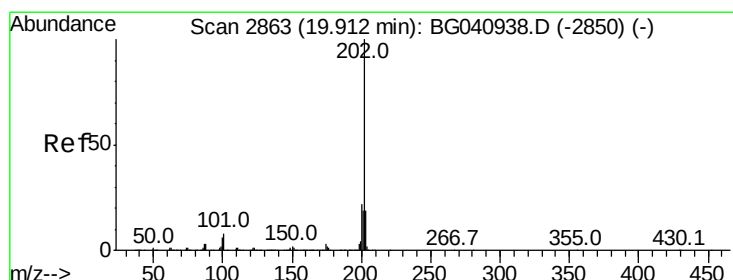
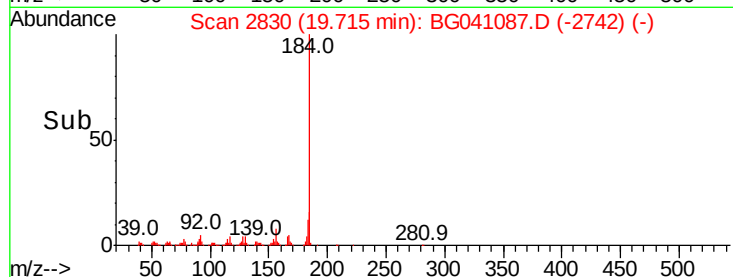
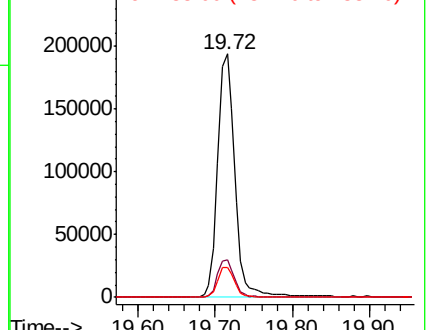


Abundance

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: 45.573 ng

RT: 19.90 min Scan# 2861

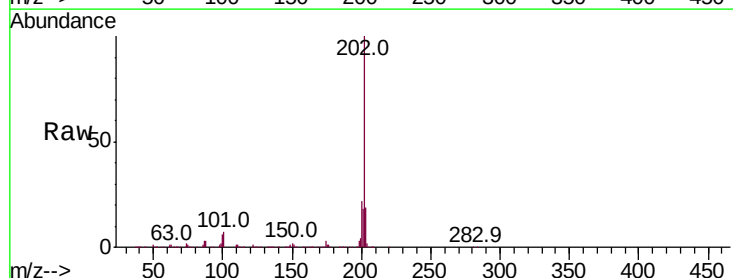
Delta R.T. -0.01 min

Lab File: BG041087.D

Acq: 6 Jun 2019 12:25

Tgt Ion:202 Resp: 822849

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.5	26.3
203	19.4	15.6	23.4

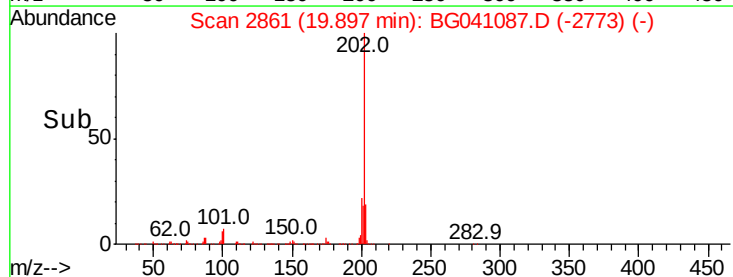
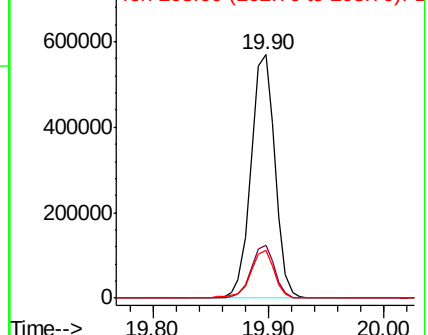


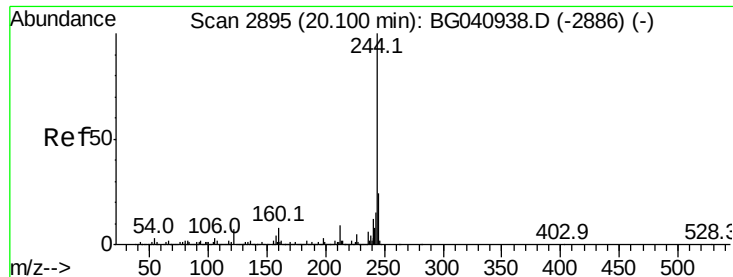
Abundance

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: 84.788 ng

RT: 20.08 min Scan# 2892

Delta R.T. -0.02 min

Lab File: BG041087.D

Acq: 6 Jun 2019 12:25

Instrument :

BNA_G

ClientSampled :

PB120371BS

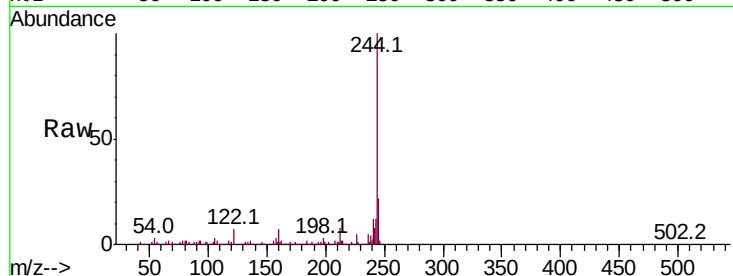
Tot Ion:244 Resp: 1109630

Ion Ratio Lower Upper

244 100

212 8.4 7.0 10.4

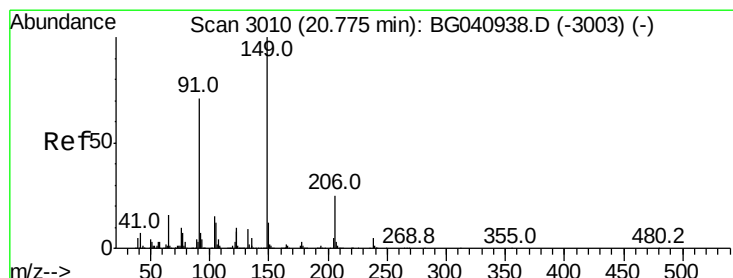
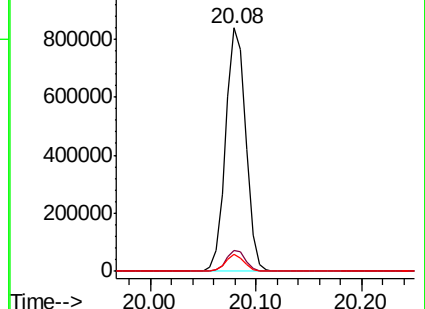
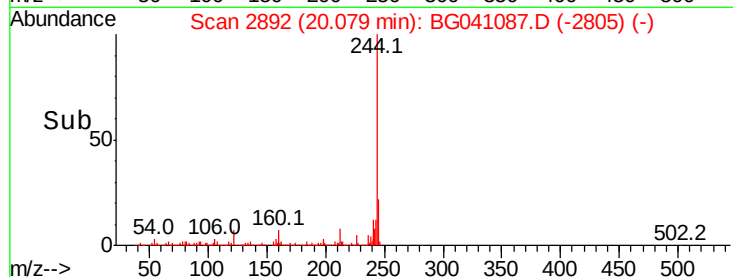
122 7.1 5.4 8.0



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: 44.440 ng

RT: 20.76 min Scan# 3008

Delta R.T. -0.01 min

Lab File: BG041087.D

Acq: 6 Jun 2019 12:25

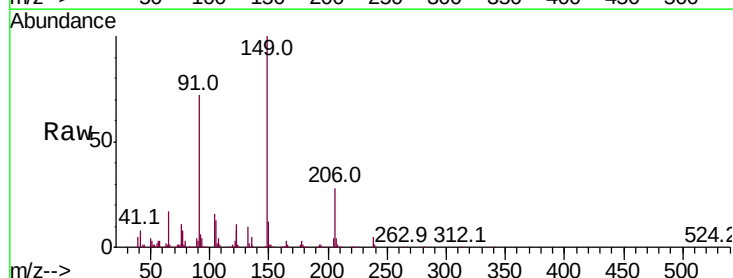
Tgt Ion:149 Resp: 312256

Ion Ratio Lower Upper

149 100

91 71.6 56.5 84.7

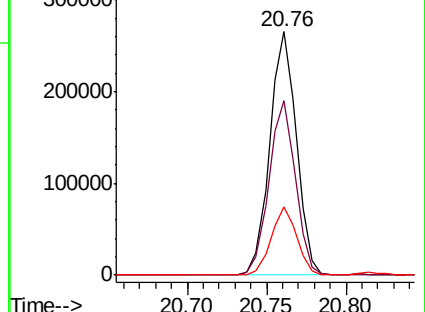
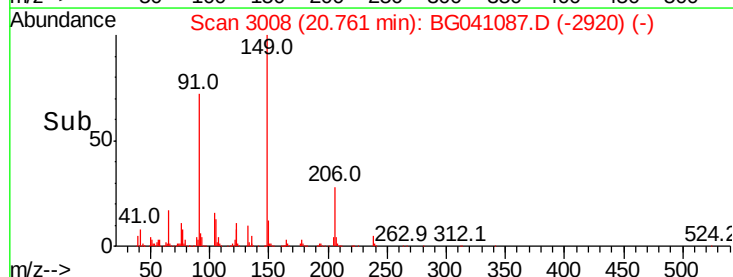
206 28.2 20.3 30.5

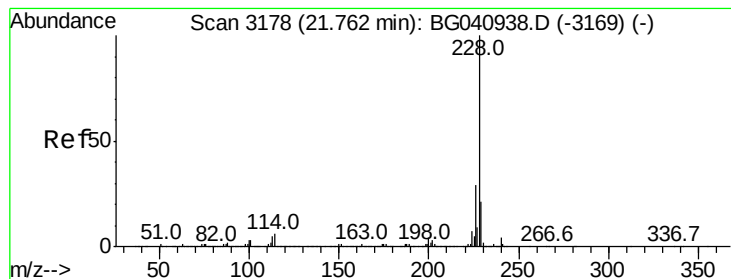


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 45.288 ng

RT: 21.75 min Scan# 3176

Delta R.T. -0.01 min

Lab File: BG041087.D

Acq: 6 Jun 2019 12:25

Instrument :

BNA_G

ClientSampleId :

PB120371BS

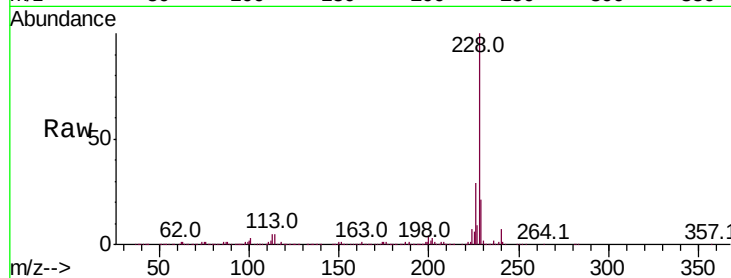
Tot Ion:228 Resp: 837319

Ion Ratio Lower Upper

228 100

226 29.0 23.5 35.3

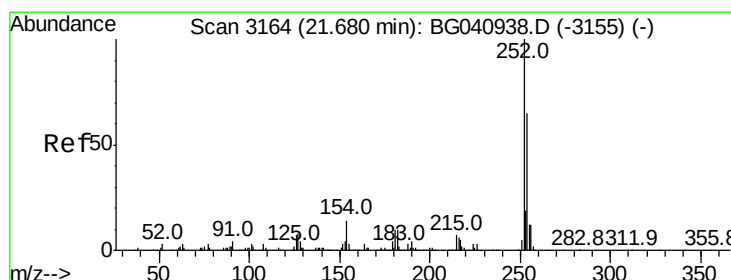
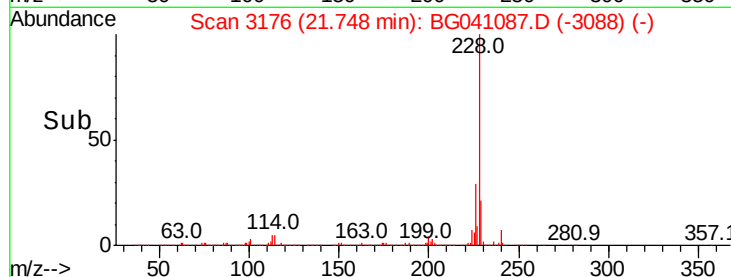
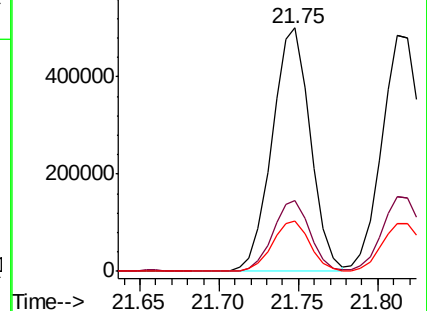
229 20.7 16.7 25.1



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: 30.775 ng

RT: 21.66 min Scan# 3161

Delta R.T. -0.02 min

Lab File: BG041087.D

Acq: 6 Jun 2019 12:25

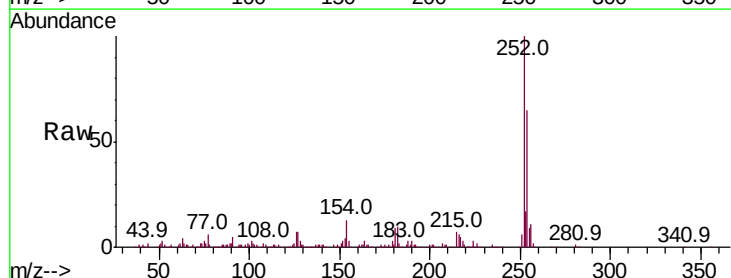
Tgt Ion:252 Resp: 200128

Ion Ratio Lower Upper

252 100

254 65.0 52.1 78.1

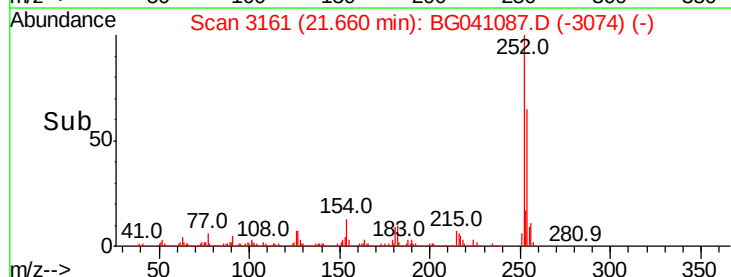
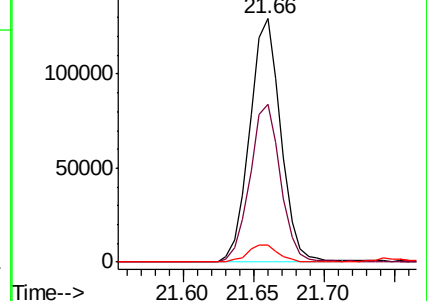
126 6.8 5.5 8.3

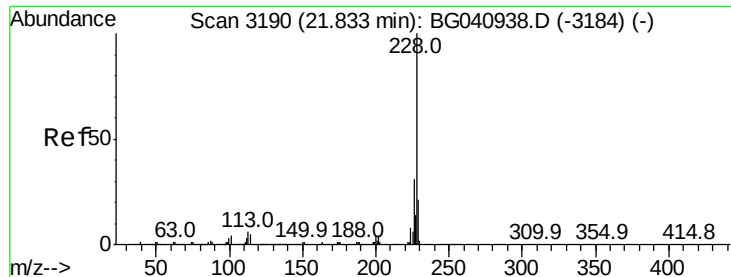


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 46.901 ng

RT: 21.81 min Scan# 3187

Delta R.T. -0.02 min

Lab File: BG041087.D

Acq: 6 Jun 2019 12:25

Instrument :

BNA_G

ClientSampleId :

PB120371BS

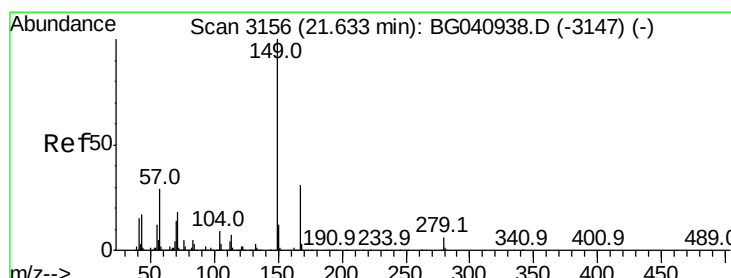
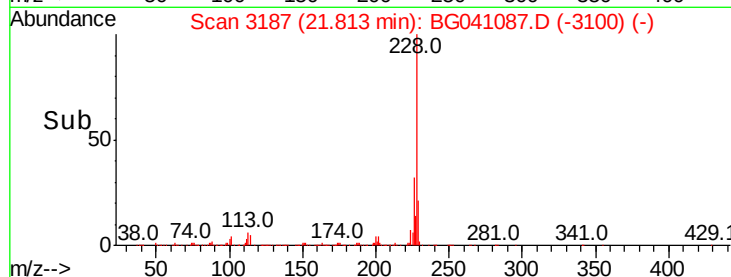
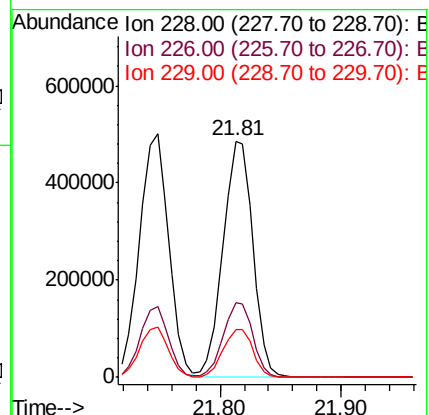
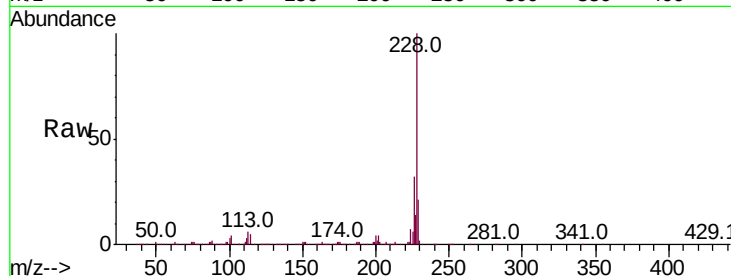
Tot Ion:228 Resp: 829830

Ion Ratio Lower Upper

228 100

226 31.8 24.6 37.0

229 20.5 16.6 24.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.732 ng

RT: 21.61 min Scan# 3153

Delta R.T. -0.02 min

Lab File: BG041087.D

Acq: 6 Jun 2019 12:25

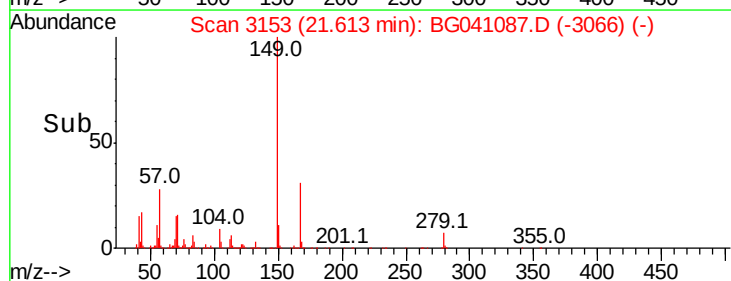
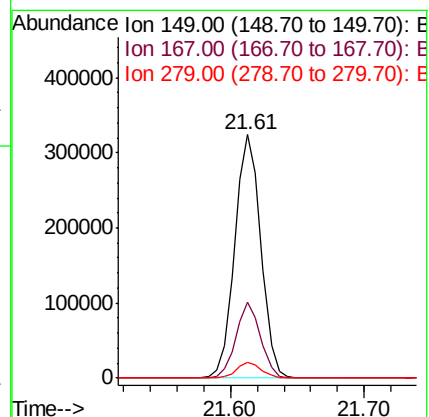
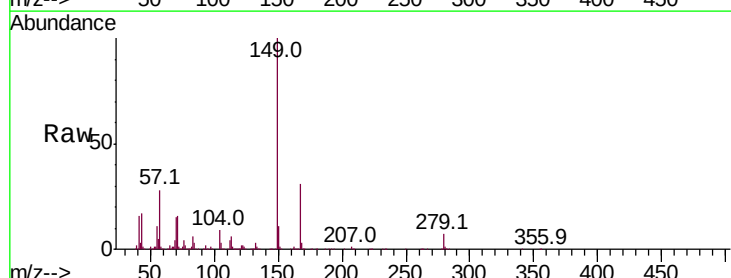
Tgt Ion:149 Resp: 442463

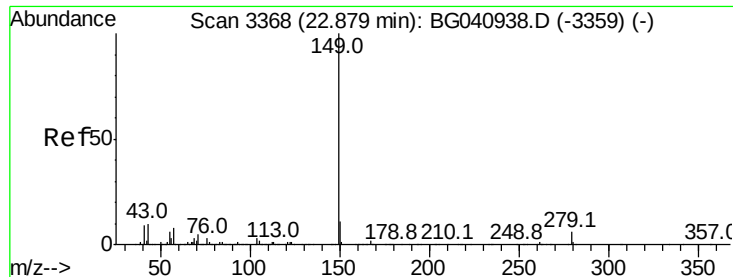
Ion Ratio Lower Upper

149 100

167 31.2 24.6 37.0

279 6.7 5.0 7.6





#85

Di-n-octyl phthalate

Concen: 46.548 ng

RT: 22.86 min Scan# 3365

Delta R.T. -0.02 min

Lab File: BG041087.D

Acq: 6 Jun 2019 12:25

Instrument :

BNA_G

ClientSampleId :

PB120371BS

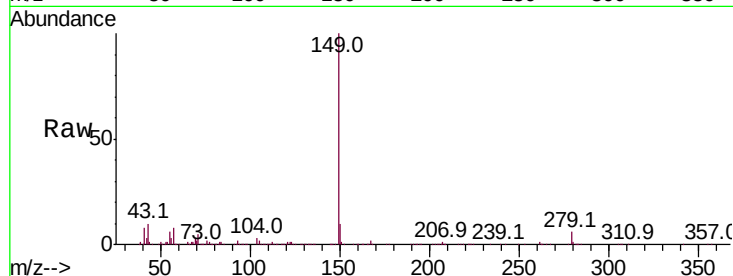
Tot Ion:149 Resp: 766815

Ion Ratio Lower Upper

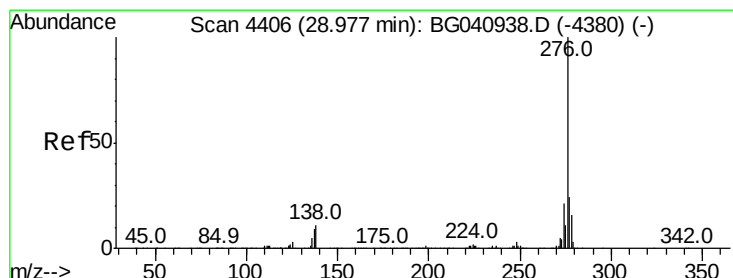
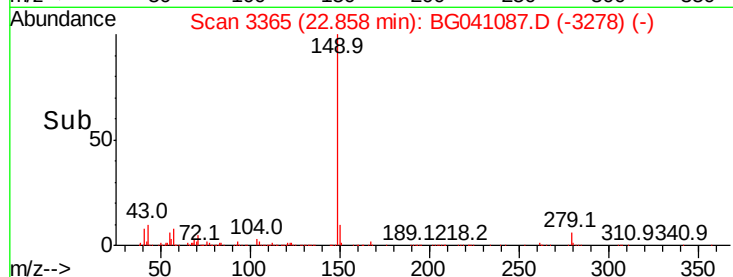
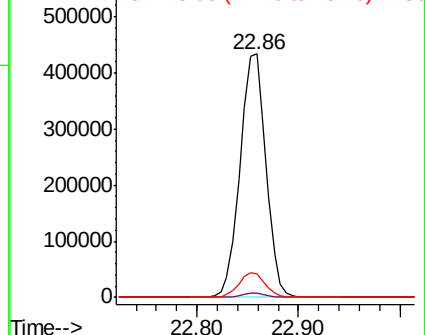
149 100

167 1.9 1.4 2.0

43 10.0 8.1 12.1



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: 47.003 ng

RT: 28.93 min Scan# 4398

Delta R.T. -0.05 min

Lab File: BG041087.D

Acq: 6 Jun 2019 12:25

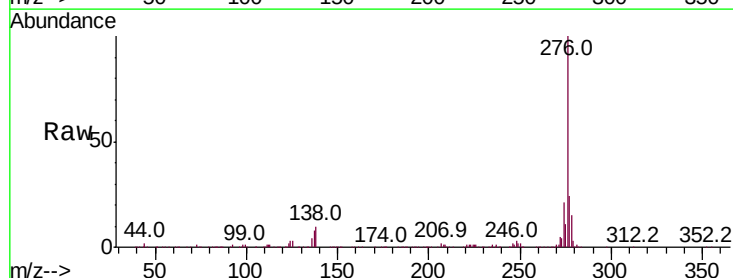
Tgt Ion:276 Resp: 1018721

Ion Ratio Lower Upper

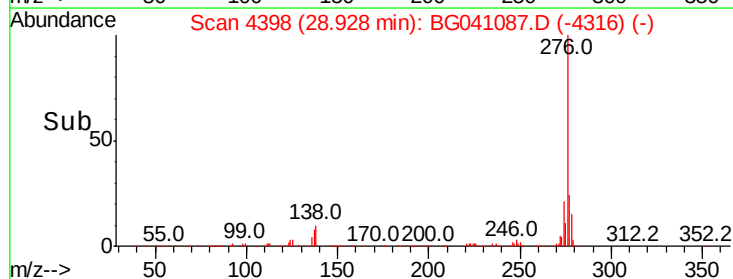
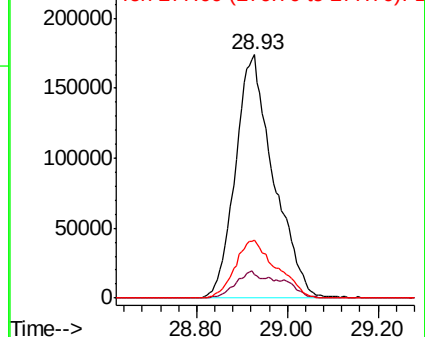
276 100

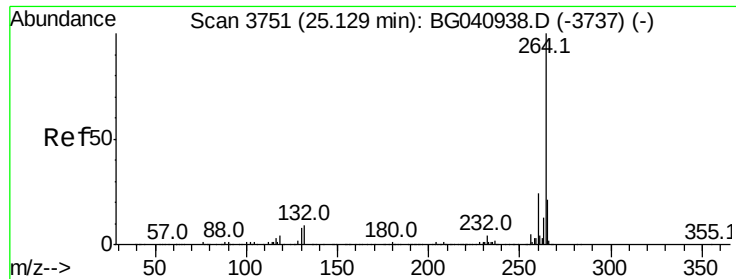
138 13.1 5.7 8.5#

277 25.8 20.8 31.2



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: 25.10 min Scan# 3746

Delta R.T. -0.03 min

Lab File: BG041087.D

Acq: 6 Jun 2019 12:25

Instrument :

BNA_G

ClientSampled :

PB120371BS

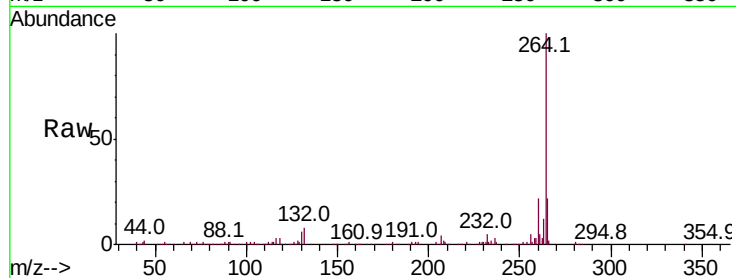
Tot Ion:264 Resp: 304045

Ion Ratio Lower Upper

264 100

260 21.8 19.0 28.4

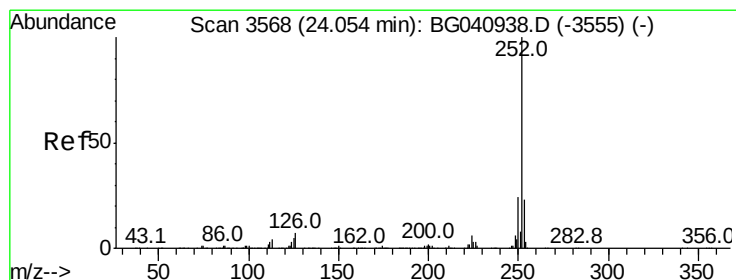
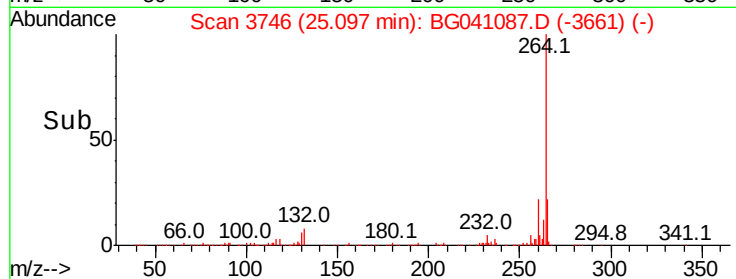
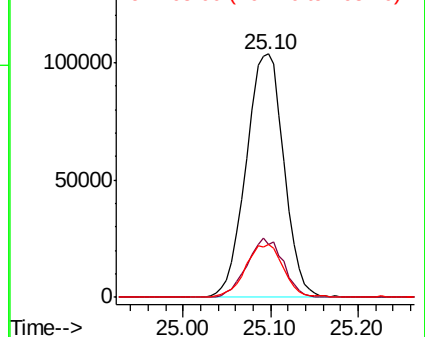
265 21.7 17.0 25.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 46.627 ng

RT: 24.03 min Scan# 3564

Delta R.T. -0.03 min

Lab File: BG041087.D

Acq: 6 Jun 2019 12:25

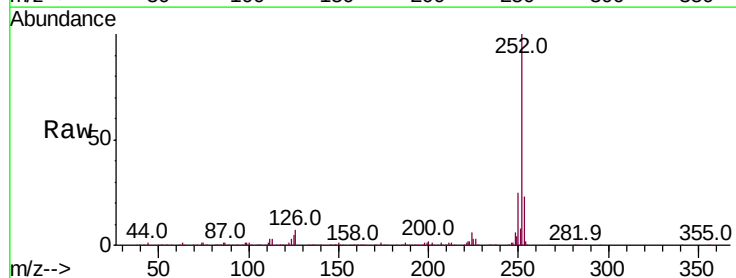
Tgt Ion:252 Resp: 859859

Ion Ratio Lower Upper

252 100

253 22.5 18.4 27.6

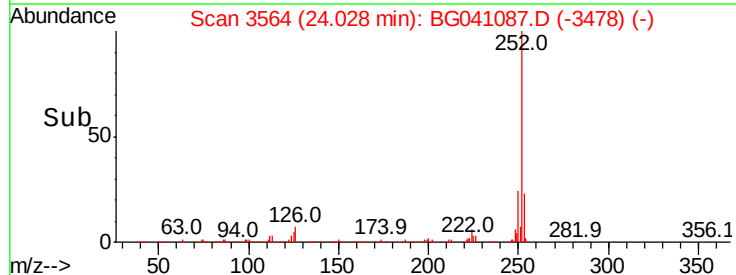
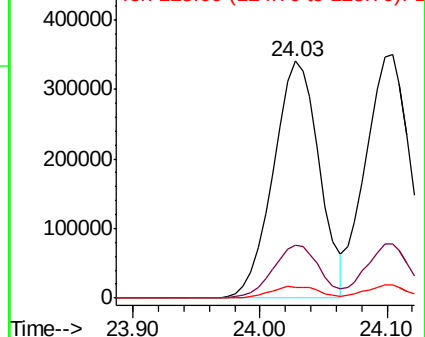
125 4.8 4.3 6.5

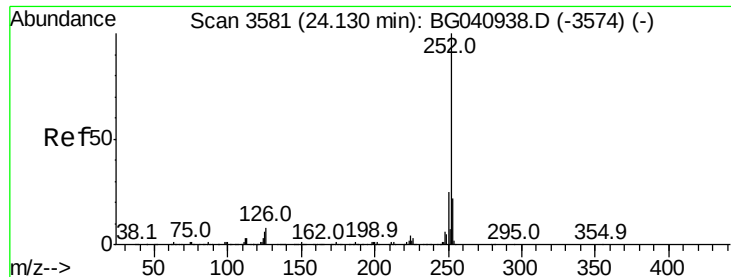


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 46.705 ng

RT: 24.10 min Scan# 3577

Delta R.T. -0.03 min

Lab File: BG041087.D

Acq: 6 Jun 2019 12:25

Instrument :

BNA_G

ClientSampleId :

PB120371BS

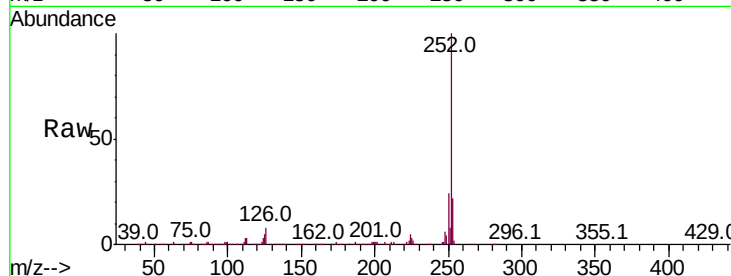
Tot Ion:252 Resp: 852322

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

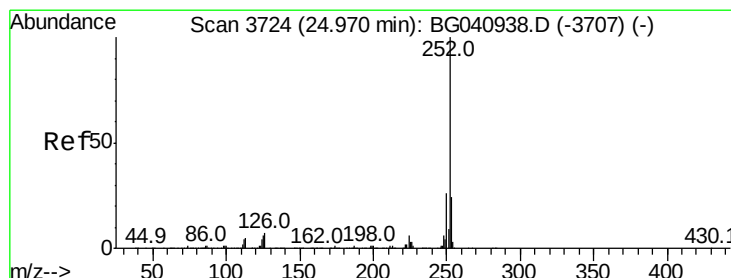
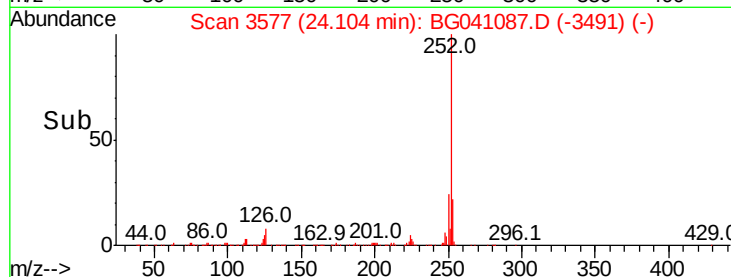
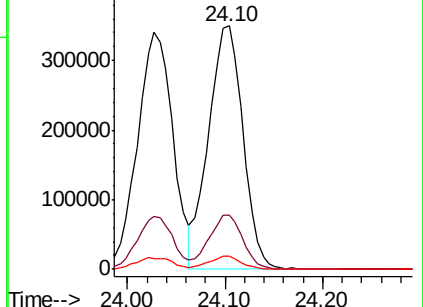
125 5.4 4.7 7.1



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



#90

Benzo(a)pyrene

Concen: 48.137 ng

RT: 24.94 min Scan# 3719

Delta R.T. -0.03 min

Lab File: BG041087.D

Acq: 6 Jun 2019 12:25

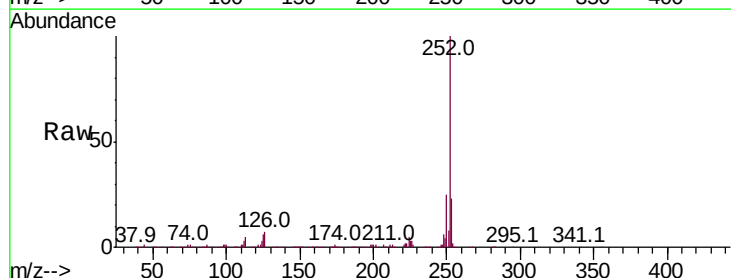
Tgt Ion:252 Resp: 846941

Ion Ratio Lower Upper

252 100

253 22.8 19.5 29.3

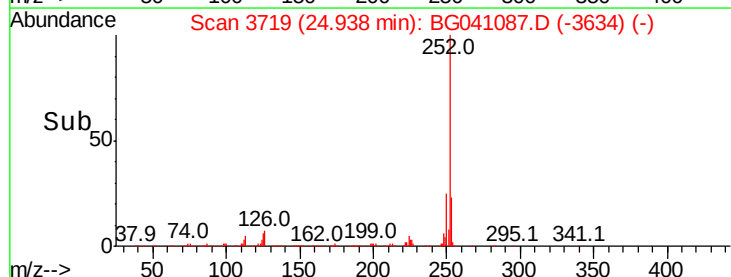
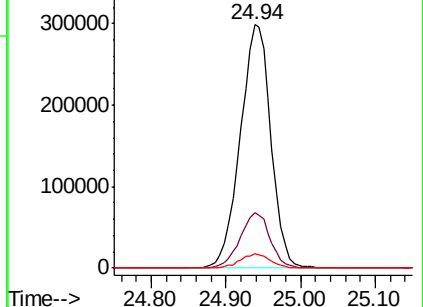
125 6.0 5.1 7.7

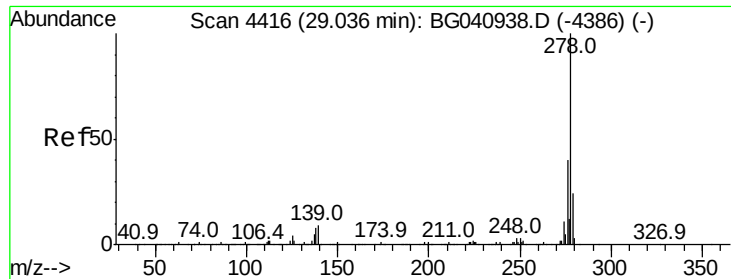


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

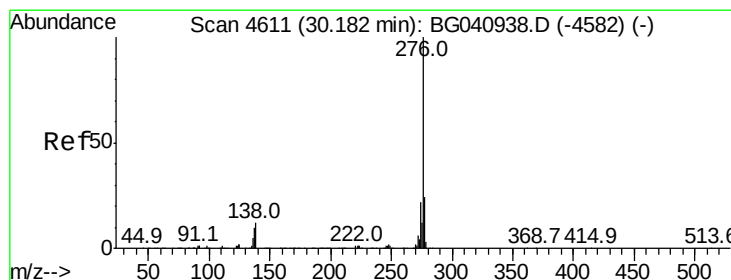
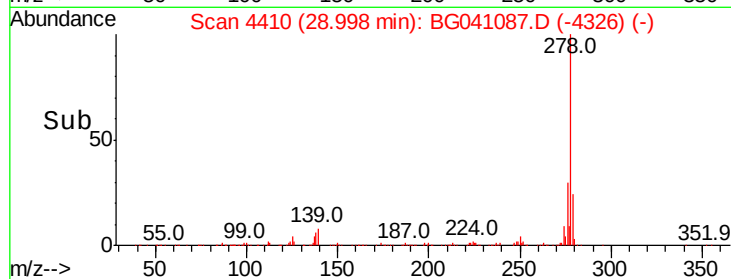
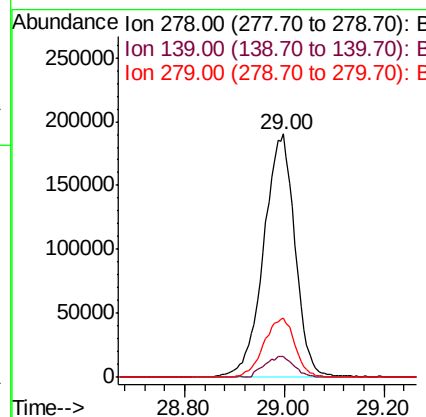
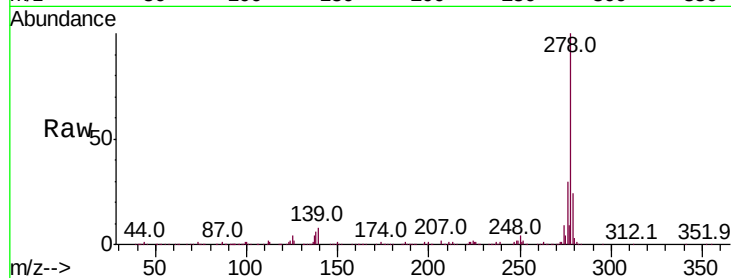




#91
Dibenzo(a,h)anthracene
Concen: 47.347 ng
RT: 29.00 min Scan# 4410
Delta R.T. -0.04 min
Lab File: BG041087.D
Acq: 6 Jun 2019 12:25

Instrument :
BNA_G
ClientSampleId :
PB120371BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	8.5	7.1	10.7
279	24.1	19.4	29.2



#92
Benzo(g,h,i)perylene
Concen: 49.362 ng
RT: 30.14 min Scan# 4605
Delta R.T. -0.04 min
Lab File: BG041087.D
Acq: 6 Jun 2019 12:25

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.4	29.0
138	11.7	9.7	14.5

