

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG053119\
 Data File : BG040994.D
 Acq On : 1 Jun 2019 2:51
 Operator : HP/JU
 Sample : PB120101BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB120101BS

Quant Time: Jun 01 05:18:59 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	8.12	152	21958	20.00	ng	-0.01
21) Naphthalene-d8	10.94	136	82160	20.00	ng	-0.01
39) Acenaphthene-d10	14.75	164	58979	20.00	ng	0.00
64) Phenanthrene-d10	17.50	188	152166	20.00	ng	0.00
76) Chrysene-d12	21.77	240	158995	20.00	ng	-0.01
87) Perylene-d12	25.11	264	162218	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.65	112	217526	178.63	ng	0.00
7) Phenol-d6	7.26	99	310445	165.07	ng	0.00
23) Nitrobenzene-d5	9.30	82	183178	98.98	ng	-0.01
42) 2,4,6-Tribromophenol	16.24	330	151266	172.76	ng	0.00
45) 2-Fluorobiphenyl	13.37	172	406147	99.17	ng	-0.01
79) Terphenyl-d14	20.09	244	797612	106.47	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	48709	88.149	ng	93
3) Pyridine	3.92	79	126685	77.480	ng	96
4) n-Nitrosodimethylamine	3.84	42	71721	94.513	ng	88
6) Aniline	7.44	93	144939	57.739	ng	98
8) 2-Chlorophenol	7.68	128	141853	97.712	ng	97
9) Benzaldehyde	7.26	77	60246	53.702	ng	87
10) Phenol	7.29	94	190356	94.403	ng	97
11) bis(2-Chloroethyl)ether	7.54	93	128144	87.601	ng	97
12) 1,3-Dichlorobenzene	8.01	146	152216	87.788	ng	93
13) 1,4-Dichlorobenzene	8.16	146	153992	87.740	ng	97
14) 1,2-Dichlorobenzene	8.48	146	145529	85.399	ng	98
15) Benzyl Alcohol	8.36	79	152248	87.516	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.64	45	205185	85.840	ng	99
17) 2-Methylphenol	8.55	107	128534	88.038	ng	97
18) Hexachloroethane	9.20	117	59353	87.742	ng	91
19) n-Nitroso-di-n-propylamine	8.93	70	122208	84.441	ng	98
20) 3+4-Methylphenols	8.88	107	173549	85.815	ng	98
22) Acetophenone	8.95	105	231417	100.410	ng	99
24) Nitrobenzene	9.34	77	187169	99.239	ng	97
25) Isophorone	9.85	82	336881	95.649	ng	99
26) 2-Nitrophenol	10.05	139	79706	102.513	ng	94
27) 2,4-Dimethylphenol	10.09	122	141049	109.841	ng	90
28) bis(2-Chloroethoxy)methane	10.34	93	177683	93.471	ng	98
29) 2,4-Dichlorophenol	10.58	162	158406	97.141	ng	97
30) 1,2,4-Trichlorobenzene	10.80	180	173829	93.706	ng	94
31) Naphthalene	10.99	128	430730	97.644	ng	98
32) Benzoic acid	10.22	122	75838	71.218	ng	96
33) 4-Chloroaniline	11.10	127	105750	51.667	ng	97
34) Hexachlorobutadiene	11.26	225	130671	92.061	ng	95
35) Caprolactam	11.88	113	49136	91.248	ng	88
36) 4-Chloro-3-methylphenol	12.20	107	176168	94.595	ng	97
37) 2-Methylnaphthalene	12.59	142	321241	94.553	ng	98
38) 1-Methylnaphthalene	12.81	142	299605	93.581	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.95	216	231924	97.563	ng	# 99

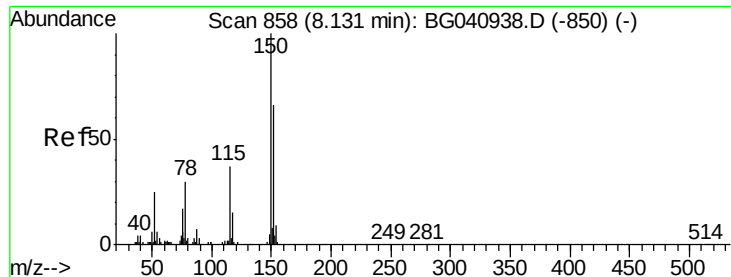
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG053119\
 Data File : BG040994.D
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 PB120101BS

Quant Time: Jun 01 05:18:59 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	313415	228.256	ng	99
43) 2,4,6-Trichlorophenol	13.18	196	151407	98.456	ng	95
44) 2,4,5-Trichlorophenol	13.26	196	160545	98.989	ng	97
46) 1,1'-Biphenyl	13.58	154	433806	99.366	ng	100
47) 2-Chloronaphthalene	13.64	162	352919	94.164	ng	97
48) 2-Nitroaniline	13.84	65	131009	97.436	ng	97
49) Acenaphthylene	14.48	152	560163	99.305	ng	99
50) Dimethylphthalate	14.20	163	476711	95.484	ng	99
51) 2,6-Dinitrotoluene	14.33	165	105408	97.922	ng	99
52) Acenaphthene	14.82	154	330210	96.632	ng	98
53) 3-Nitroaniline	14.66	138	74444	69.160	ng	# 95
54) 2,4-Dinitrophenol	14.87	184	114967	150.760	ng	93
55) Dibenzofuran	15.15	168	568105	98.802	ng	99
56) 4-Nitrophenol	14.95	139	162013	219.435	ng	87
57) 2,4-Dinitrotoluene	15.11	165	153162	100.727	ng	97
58) Fluorene	15.79	166	445769	97.347	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.36	232	170549	107.004	ng	98
60) Diethylphthalate	15.55	149	484737	95.138	ng	99
61) 4-Chlorophenyl-phenylether	15.78	204	284114	95.456	ng	96
62) 4-Nitroaniline	15.82	138	107156	94.032	ng	97
63) Azobenzene	16.08	77	454708	98.191	ng	98
65) 4,6-Dinitro-2-methylphenol	15.87	198	85030	94.209	ng	94
66) n-Nitrosodiphenylamine	16.00	169	414677	96.942	ng	96
67) 4-Bromophenyl-phenylether	16.67	248	184341	89.767	ng	94
68) Hexachlorobenzene	16.79	284	192243	87.915	ng	96
69) Atrazine	16.94	200	178337	108.049	ng	96
70) Pentachlorophenol	17.13	266	229037	189.376	ng	98
71) Phenanthrene	17.54	178	781550	98.605	ng	98
72) Anthracene	17.63	178	797190	101.978	ng	99
73) Carbazole	17.90	167	696048	103.771	ng	99
74) Di-n-butylphthalate	18.43	149	820497	98.420	ng	99
75) Fluoranthene	19.54	202	1017208	103.902	ng	100
77) Benzidine	19.72	184	352768	93.008	ng	97
78) Pyrene	19.90	202	1019162	98.606	ng	99
80) Butylbenzylphthalate	20.77	149	376005	93.482	ng	97
81) Benzo(a)anthracene	21.76	228	986560	93.215	ng	98
82) 3,3'-Dichlorobenzidine	21.67	252	236163	63.441	ng	97
83) Chrysene	21.82	228	979868	96.747	ng	97
84) Bis(2-ethylhexyl)phthalate	21.63	149	519087	91.677	ng	99
85) Di-n-octyl phthalate	22.87	149	881471	93.475	ng	100
86) Indeno(1,2,3-cd)pyrene	28.94	276	1177712	94.925	ng	99
88) Benzo(b)fluoranthene	24.05	252	996347	101.264	ng	98
89) Benzo(k)fluoranthene	24.11	252	994543	102.146	ng	100
90) Benzo(a)pyrene	24.96	252	979600	104.355	ng	95
91) Dibenzo(a,h)anthracene	29.02	278	950388	101.323	ng	97
92) Benzo(g,h,i)perylene	30.17	276	965787	105.982	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BG040994.D

Acq: 1 Jun 2019 2:51

Instrument :

BNA_G

ClientSampleId :

PB120101BS

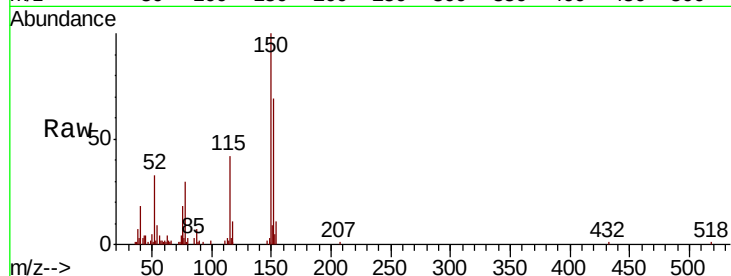
Tot Ion:152 Resp: 21958

Ion Ratio Lower Upper

152 100

150 144.7 120.6 180.8

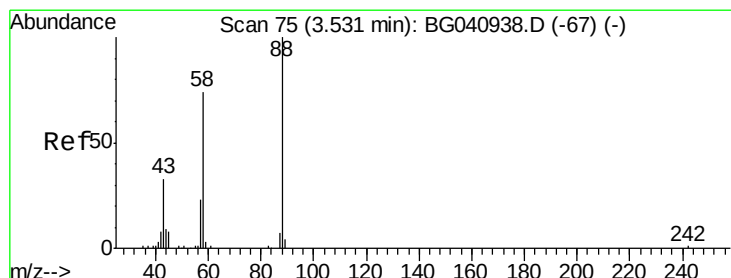
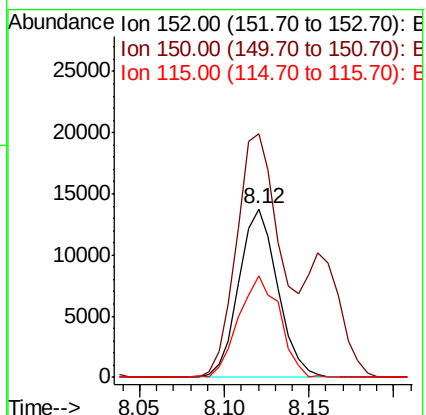
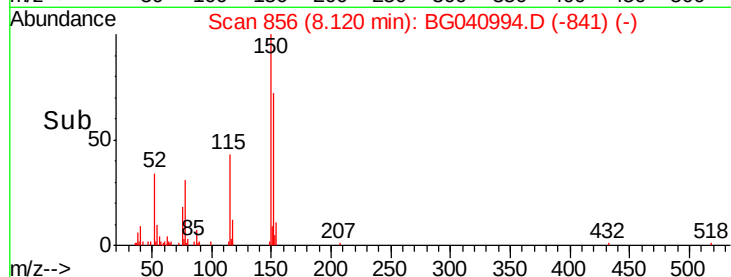
115 60.4 45.1 67.7



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: 88.149 ng

RT: 3.51 min Scan# 72

Delta R.T. -0.02 min

Lab File: BG040994.D

Acq: 1 Jun 2019 2:51

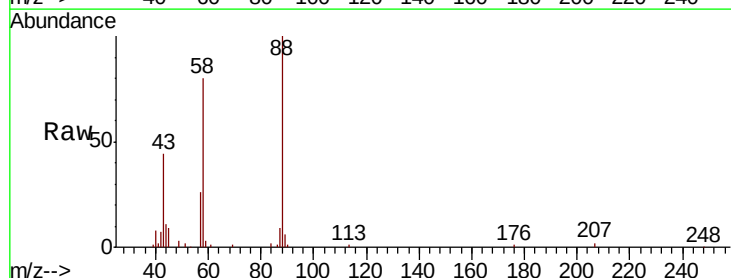
Tgt Ion: 88 Resp: 48709

Ion Ratio Lower Upper

88 100

58 81.0 59.0 88.6

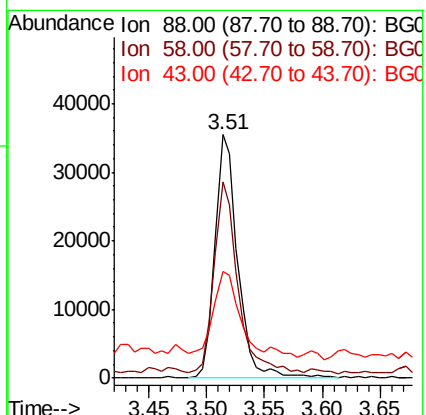
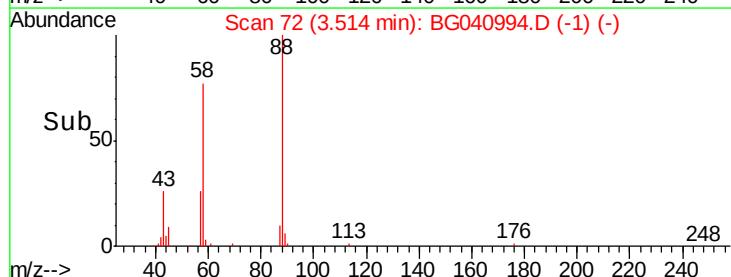
43 36.0 27.2 40.8

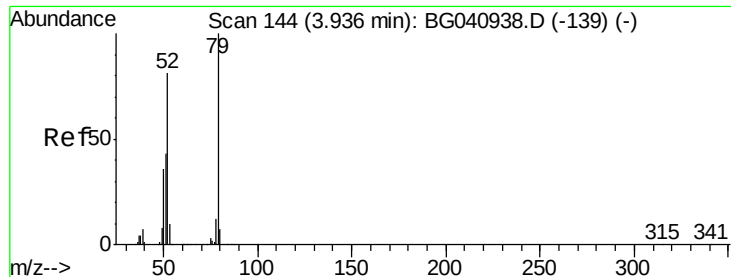


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 77.480 ng

RT: 3.92 min Scan# 142

Delta R.T. -0.01 min

Lab File: BG040994.D

Acq: 1 Jun 2019 2:51

Instrument :

BNA_G

ClientSampleId :

PB120101BS

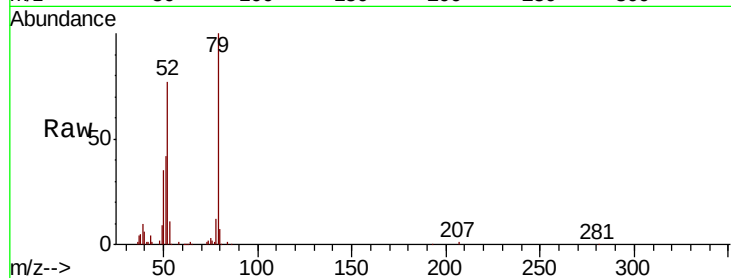
Tot Ion: 79 Resp: 126685

Ion Ratio Lower Upper

79 100

52 76.6 64.8 97.2

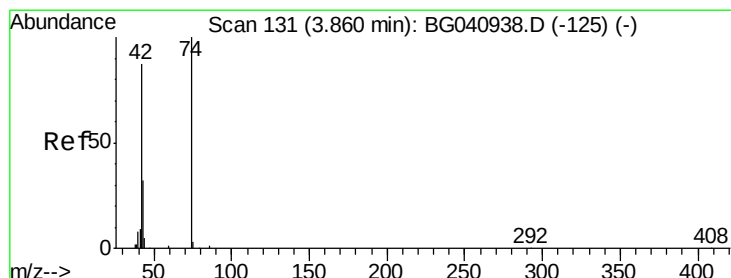
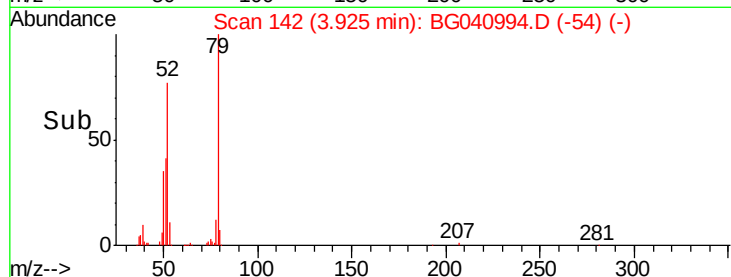
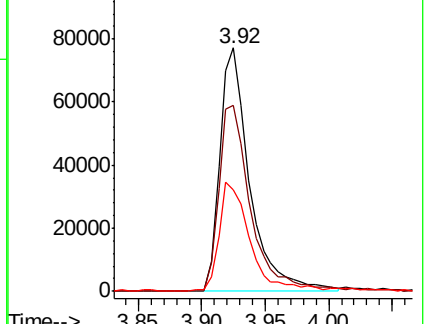
51 41.8 35.3 52.9



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: 94.513 ng

RT: 3.84 min Scan# 128

Delta R.T. -0.02 min

Lab File: BG040994.D

Acq: 1 Jun 2019 2:51

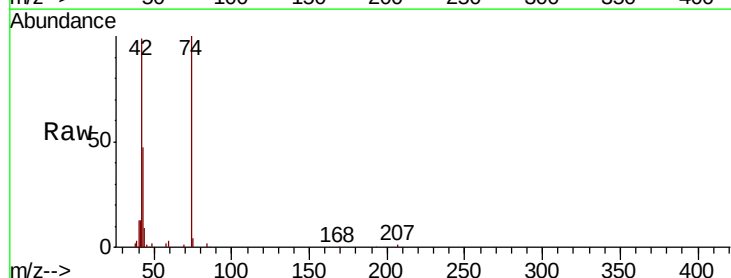
Tgt Ion: 42 Resp: 71721

Ion Ratio Lower Upper

42 100

74 101.2 91.8 137.6

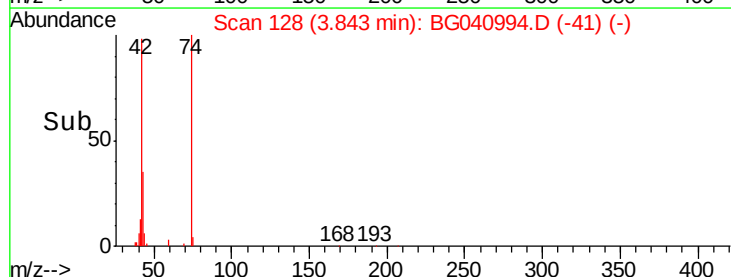
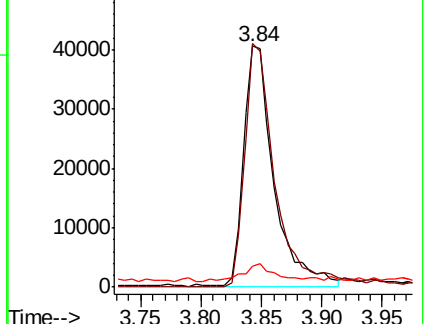
44 8.8 6.0 9.0

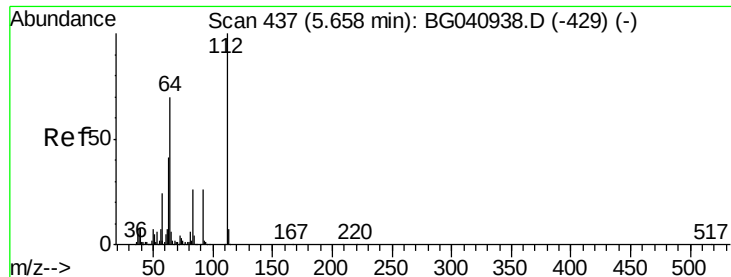


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 178.634 ng

RT: 5.65 min Scan# 436

Delta R.T. -0.01 min

Lab File: BG040994.D

Acq: 1 Jun 2019 2:51

Instrument :

BNA_G

ClientSampleId :

PB120101BS

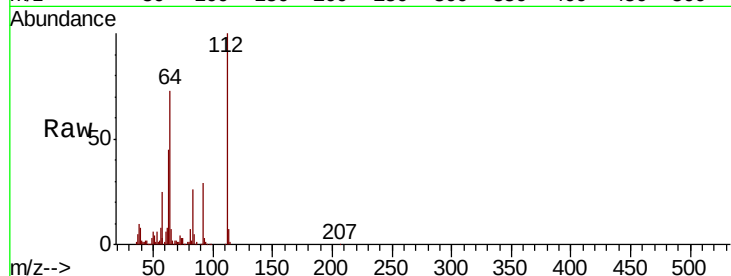
Tot Ion:112 Resp: 217526

Ion Ratio Lower Upper

112 100

64 73.5 56.2 84.2

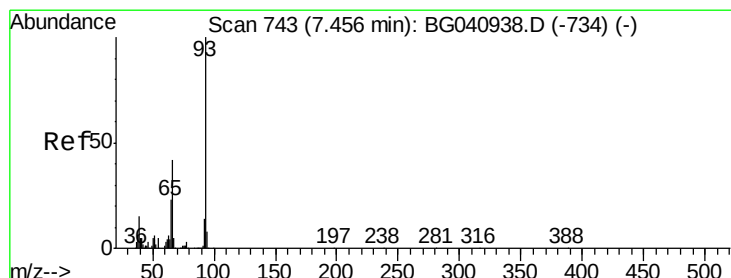
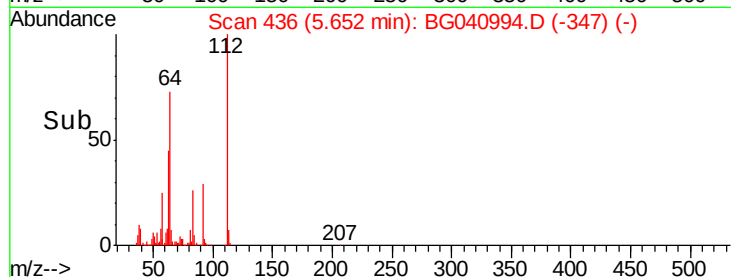
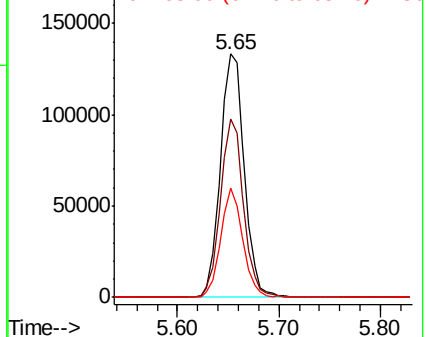
63 44.7 32.8 49.2



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: 57.739 ng

RT: 7.44 min Scan# 740

Delta R.T. -0.02 min

Lab File: BG040994.D

Acq: 1 Jun 2019 2:51

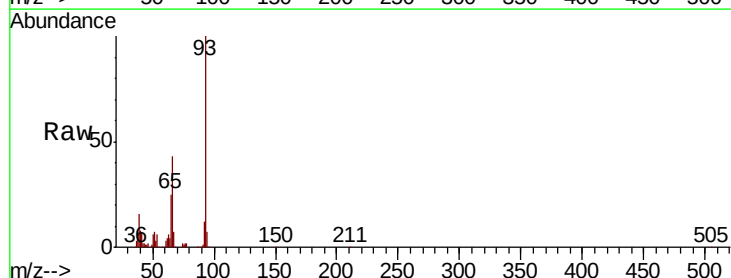
Tgt Ion: 93 Resp: 144939

Ion Ratio Lower Upper

93 100

66 42.7 33.8 50.8

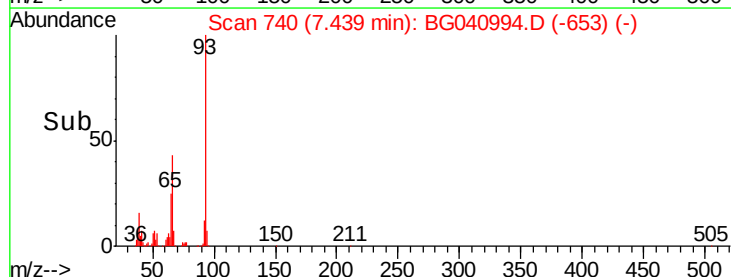
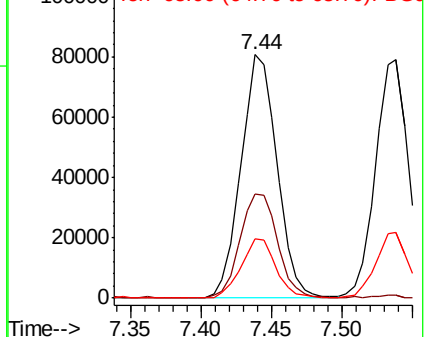
65 24.6 18.3 27.5

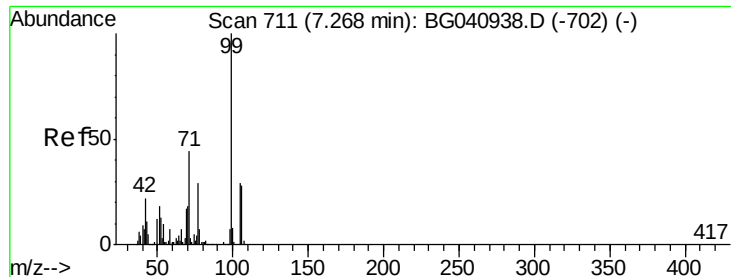


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 165.075 ng

RT: 7.26 min Scan# 710

Delta R.T. -0.01 min

Lab File: BG040994.D

Acq: 1 Jun 2019 2:51

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PB120101BS

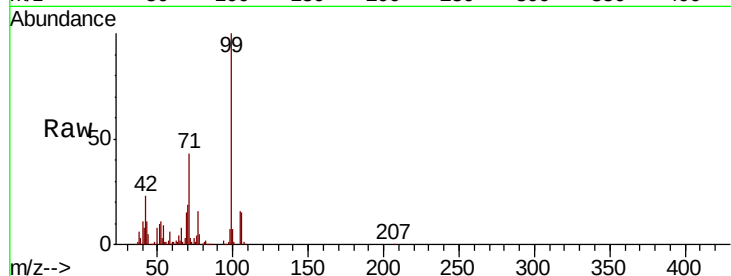
Tot Ion: 99 Resp: 310445

Ion Ratio Lower Upper

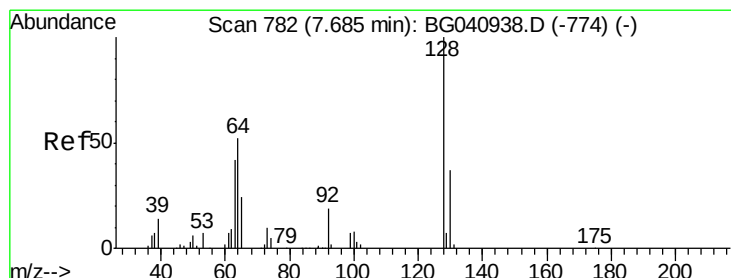
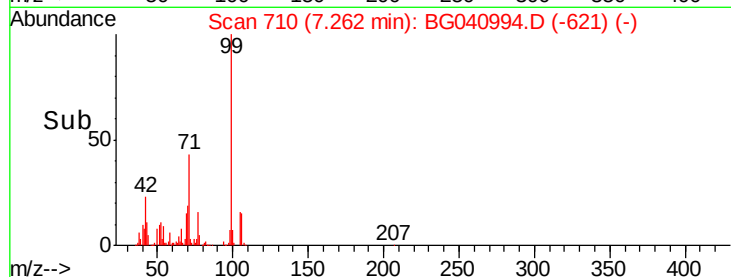
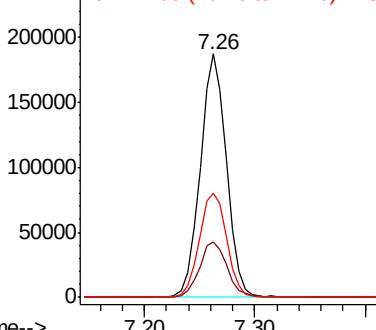
99 100

42 23.0 17.9 26.9

71 42.5 35.4 53.0



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



#8

2-Chlorophenol

Concen: 97.712 ng

RT: 7.68 min Scan# 781

Delta R.T. -0.01 min

Lab File: BG040994.D

Acq: 1 Jun 2019 2:51

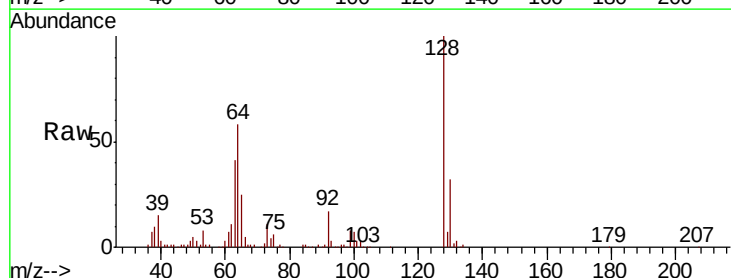
Tgt Ion: 128 Resp: 141853

Ion Ratio Lower Upper

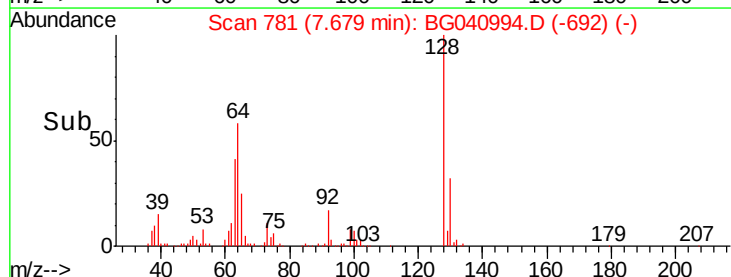
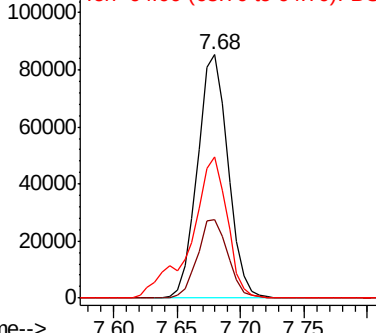
128 100

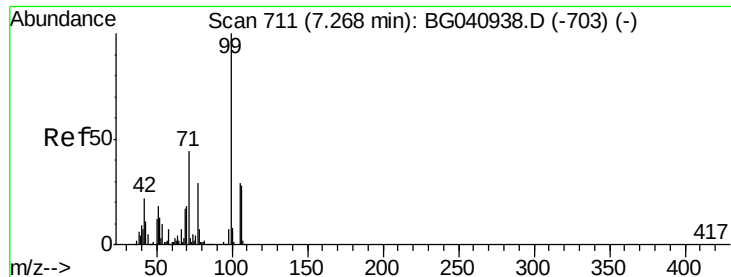
130 32.5 16.6 56.6

64 58.0 37.8 77.8



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





#9

Benzaldehyde

Concen: 53.702 ng

RT: 7.26 min Scan# 709

Delta R.T. -0.01 min

Lab File: BG040994.D

Acq: 1 Jun 2019 2:51

Instrument :

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PB120101BS

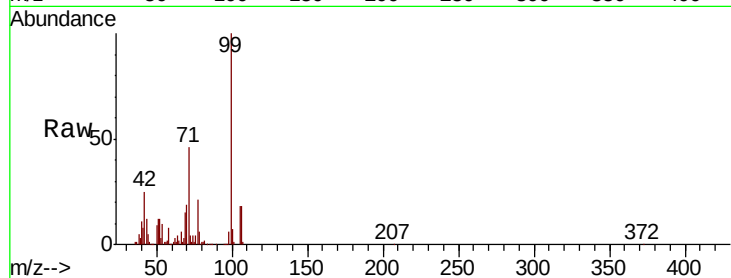
Tot Ion: 77 Resp: 60246

Ion Ratio Lower Upper

77 100

105 86.3 78.9 118.9

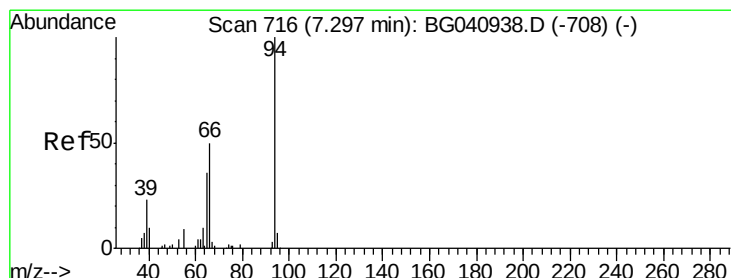
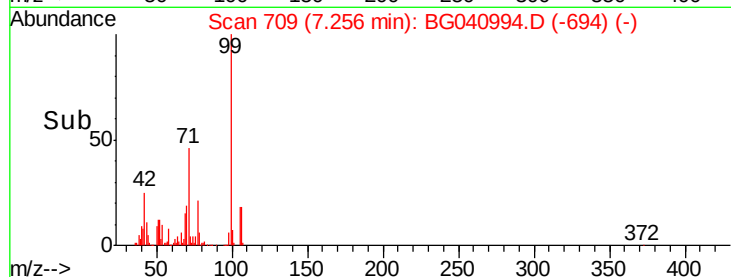
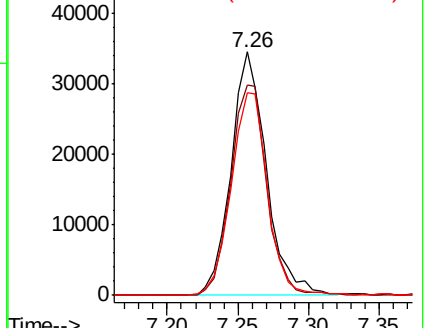
106 83.4 76.7 116.7



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: 94.403 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BG040994.D

Acq: 1 Jun 2019 2:51

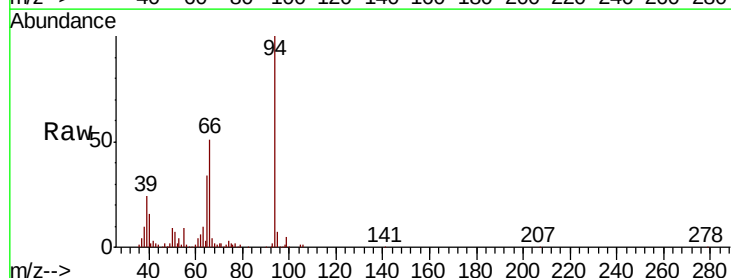
Tgt Ion: 94 Resp: 190356

Ion Ratio Lower Upper

94 100

65 33.7 17.0 57.0

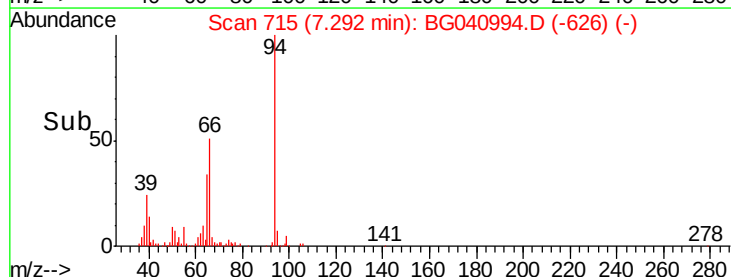
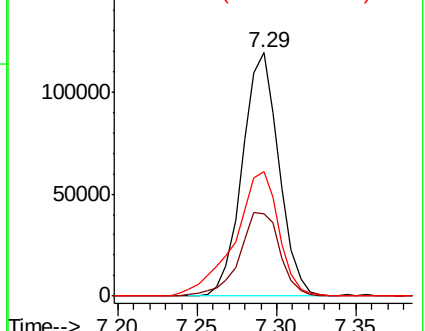
66 51.1 32.4 72.4

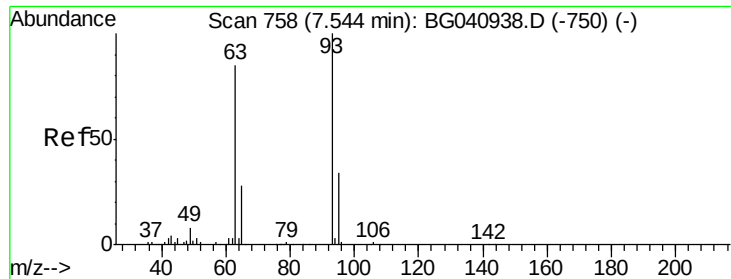


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

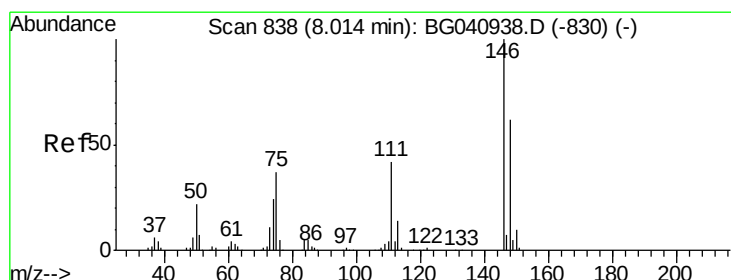
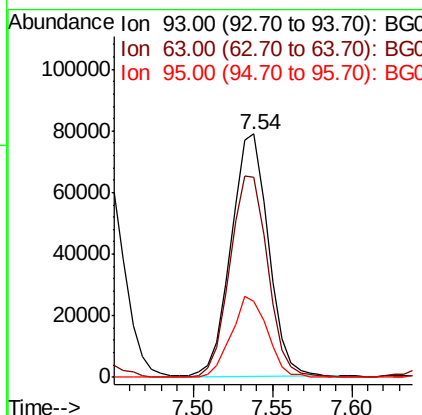
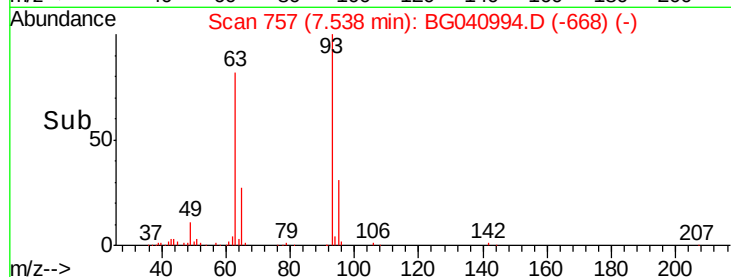
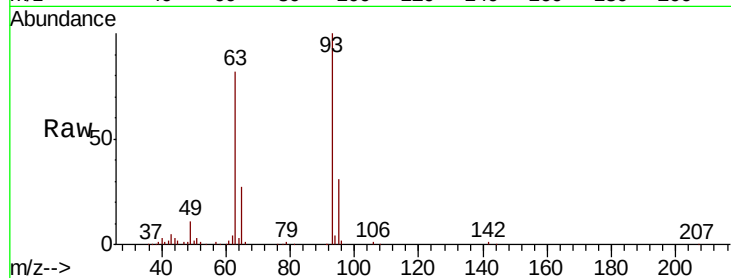




#11
 bis(2-Chloroethyl)ether
 Concen: 87.601 ng
 RT: 7.54 min Scan# 757
 Delta R.T. -0.01 min
 Lab File: BG040994.D
 Acq: 1 Jun 2019 2:51

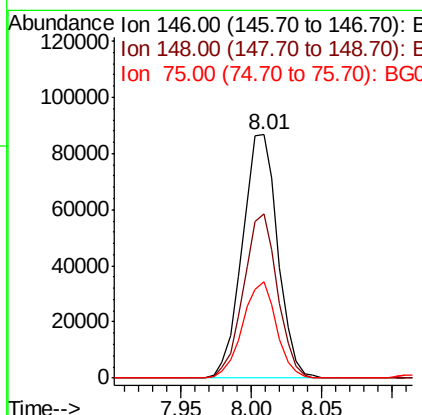
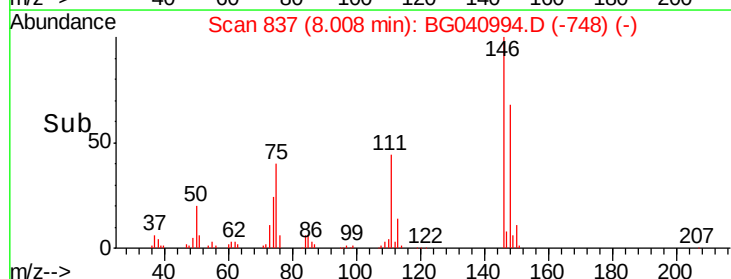
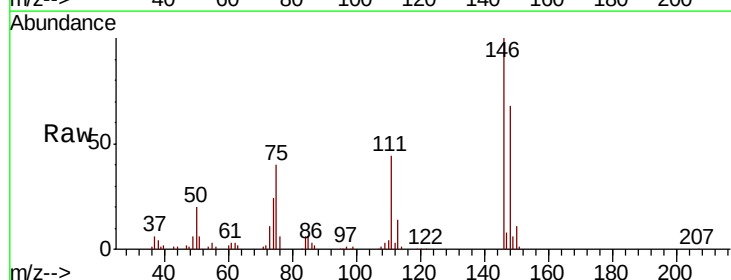
Instrument :
 BNA_G
 ClientSampleId :
 PB120101BS

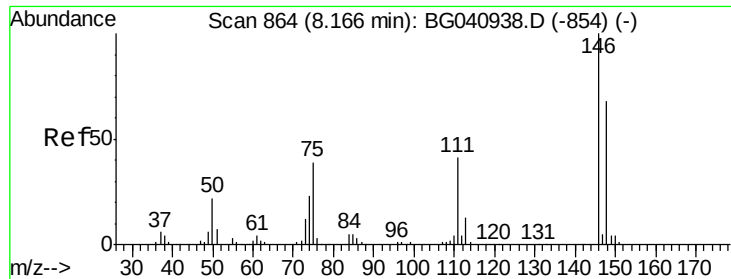
Tot Ion: 93 Resp: 128144
 Ion Ratio Lower Upper
 93 100
 63 82.3 64.5 104.5
 95 31.2 13.3 53.3



#12
 1,3-Dichlorobenzene
 Concen: 87.788 ng
 RT: 8.01 min Scan# 837
 Delta R.T. -0.01 min
 Lab File: BG040994.D
 Acq: 1 Jun 2019 2:51

Tgt Ion: 146 Resp: 152216
 Ion Ratio Lower Upper
 146 100
 148 67.5 49.2 73.8
 75 39.6 29.4 44.0

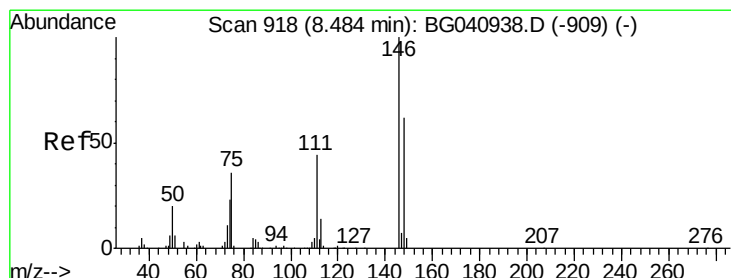
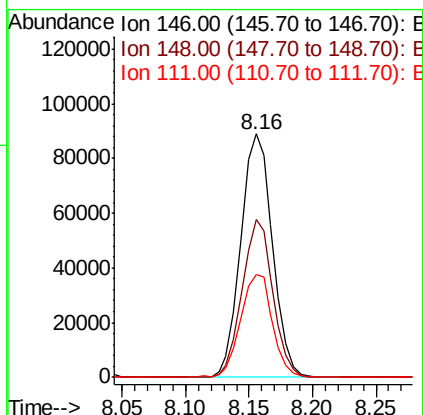
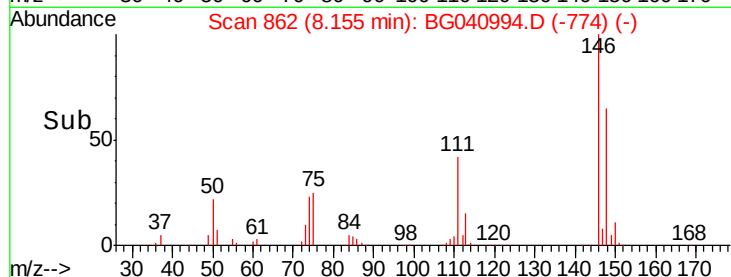
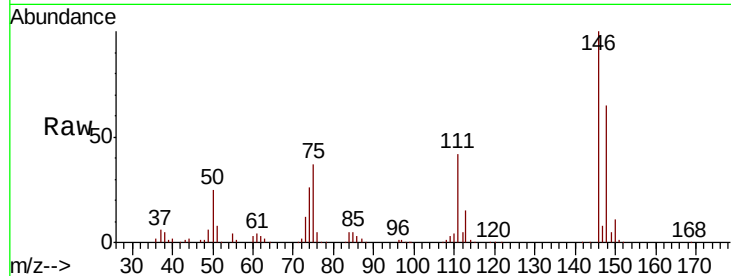




#13
 1,4-Dichlorobenzene
 Concen: 87.740 ng
 RT: 8.16 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: BG040994.D
 Acq: 1 Jun 2019 2:51

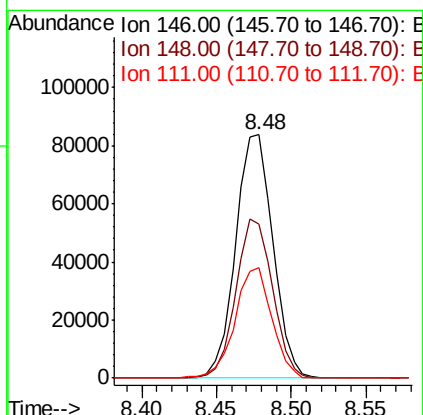
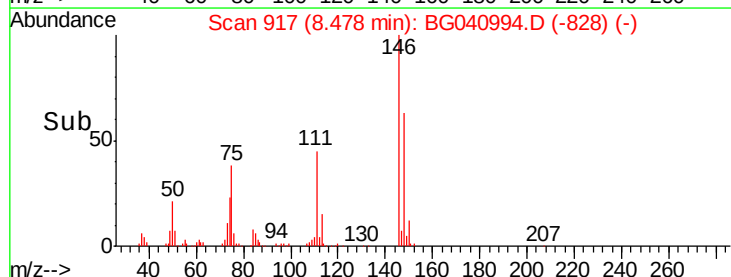
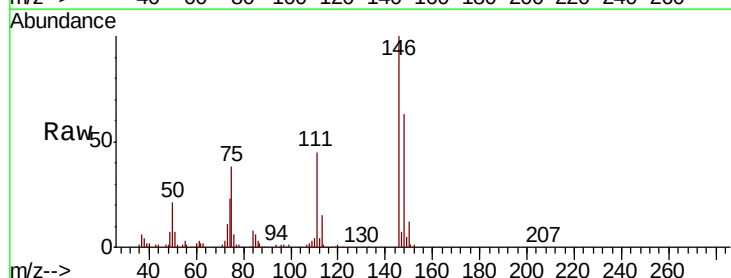
Instrument :
 BNA_G
 ClientSampleId :
 PB120101BS

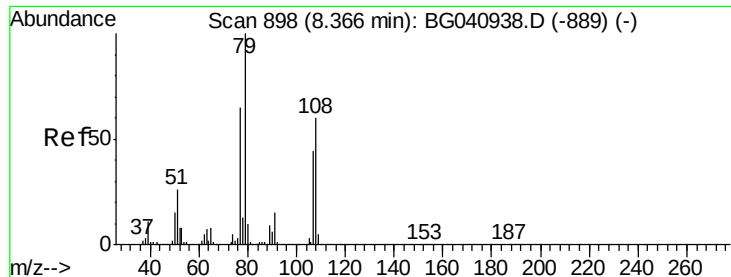
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.8	54.2	81.4
111	42.3	32.9	49.3



#14
 1,2-Dichlorobenzene
 Concen: 85.399 ng
 RT: 8.48 min Scan# 917
 Delta R.T. -0.01 min
 Lab File: BG040994.D
 Acq: 1 Jun 2019 2:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	49.8	74.6
111	45.2	35.0	52.4





#15

Benzyl Alcohol

Concen: 87.516 ng

RT: 8.36 min Scan# 896

Delta R.T. -0.01 min

Lab File: BG040994.D

Acq: 1 Jun 2019 2:51

Instrument :

BNA_G

ClientSampleId :

PB120101BS

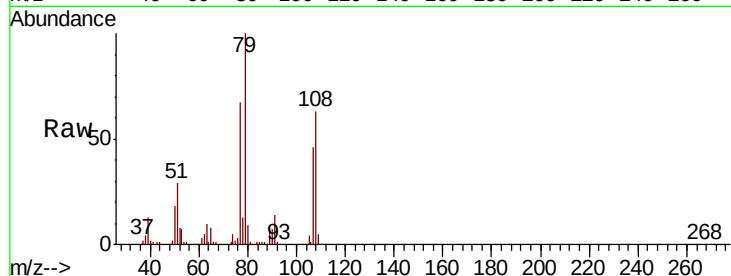
Tot Ion: 79 Resp: 152248

Ion Ratio Lower Upper

79 100

108 63.4 48.3 72.5

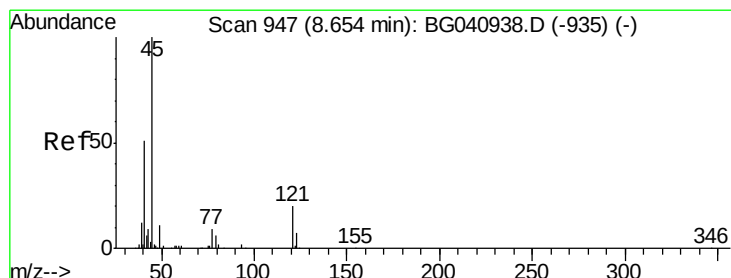
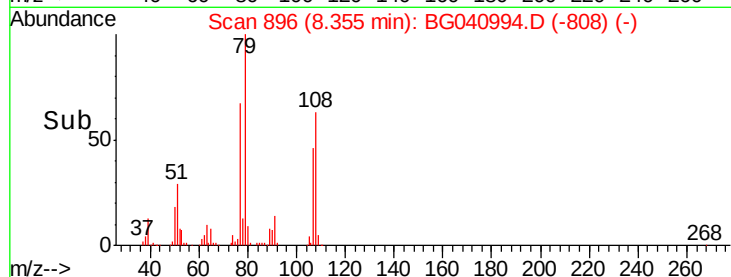
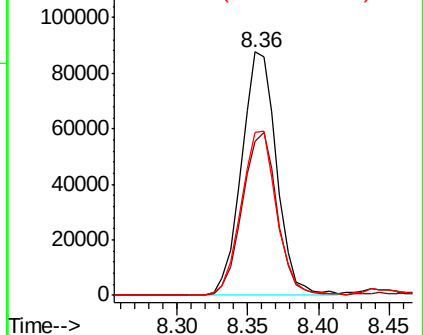
77 66.7 52.3 78.5



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: 85.840 ng

RT: 8.64 min Scan# 945

Delta R.T. -0.01 min

Lab File: BG040994.D

Acq: 1 Jun 2019 2:51

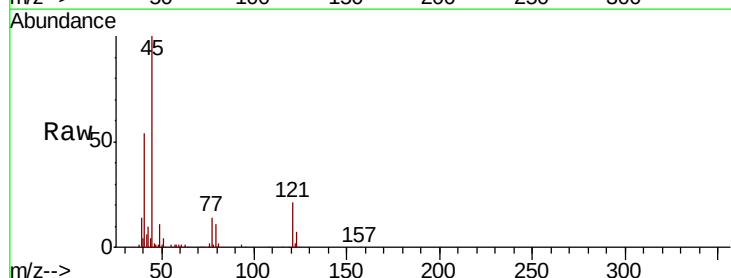
Tgt Ion: 45 Resp: 205185

Ion Ratio Lower Upper

45 100

77 13.8 0.0 33.7

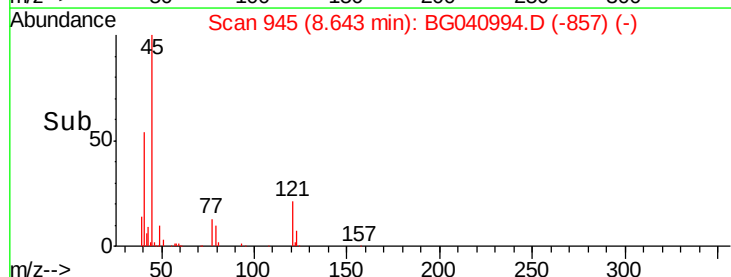
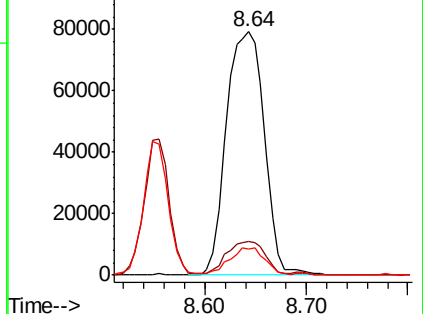
79 10.5 0.0 30.2

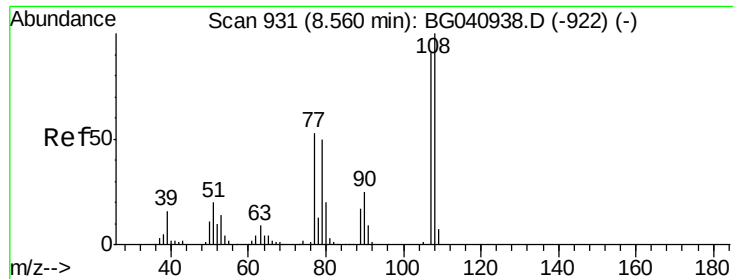


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

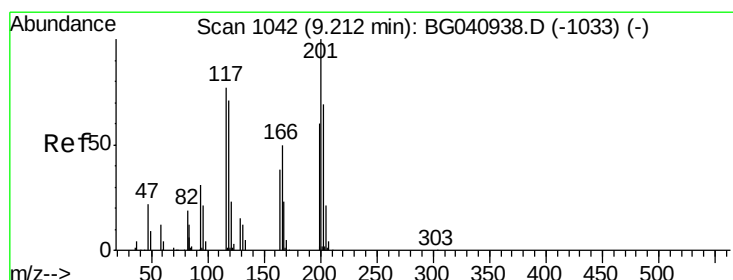
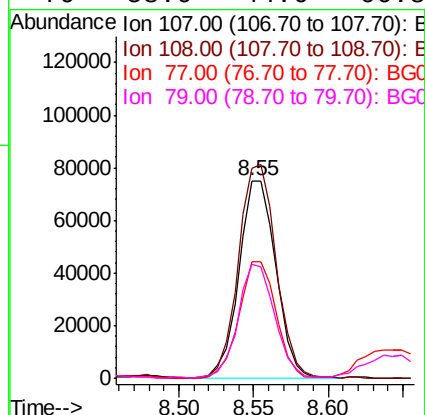
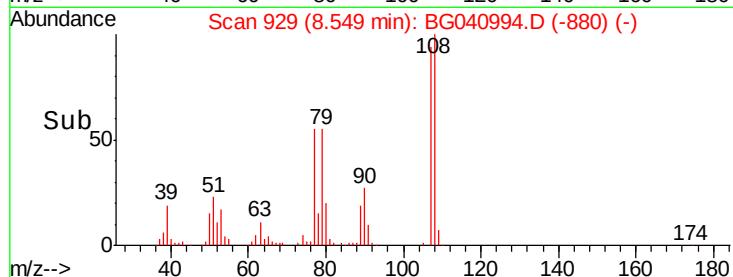
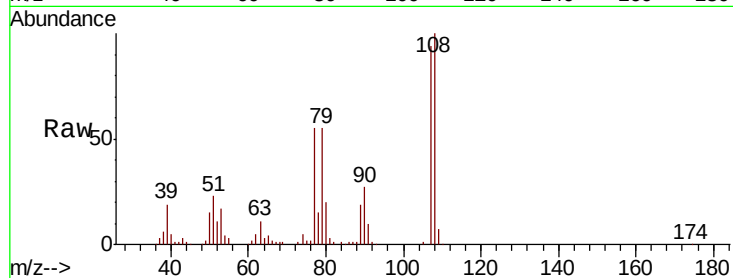




#17
2-Methylphenol
Concen: 88.038 ng
RT: 8.55 min Scan# 929
Delta R.T. -0.01 min
Lab File: BG040994.D
Acq: 1 Jun 2019 2:51

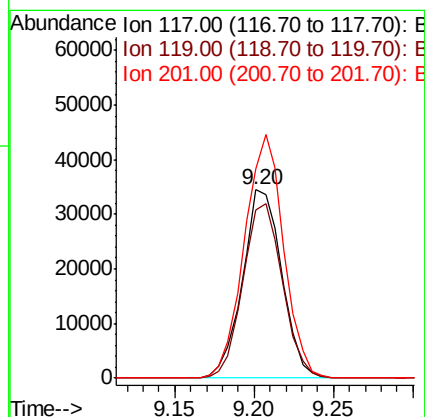
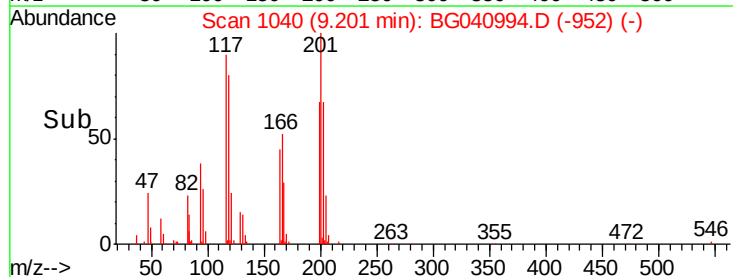
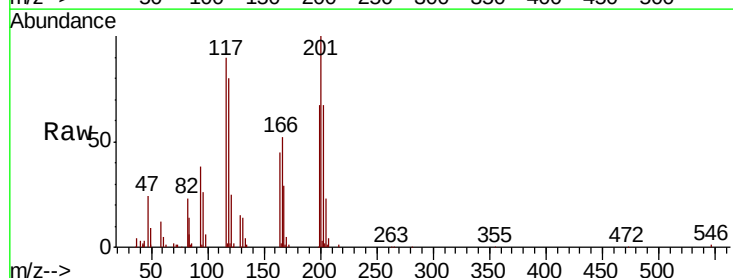
Instrument :
BNA_G
ClientSampleId :
PB120101BS

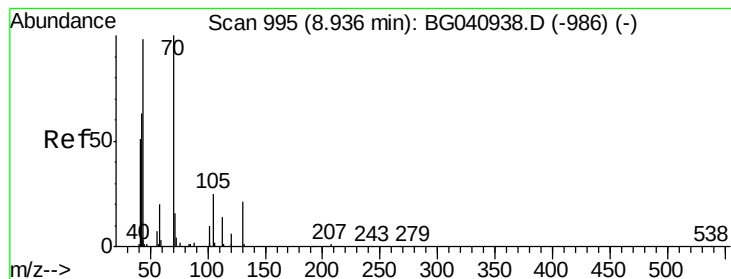
Tot Ion:	107	Resp:	128534
Ion	Ratio	Lower	Upper
107	100		
108	106.2	87.7	131.5
77	58.8	46.6	70.0
79	58.0	44.6	66.8



#18
Hexachloroethane
Concen: 87.742 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BG040994.D
Acq: 1 Jun 2019 2:51

Tgt Ion:	117	Resp:	59353
Ion	Ratio	Lower	Upper
117	100		
119	89.3	75.0	112.6
201	114.4	103.5	155.3





#19

n-Nitroso-di-n-propylamine

Concen: 84.441 ng

RT: 8.93 min Scan# 993

Delta R.T. -0.01 min

Lab File: BG040994.D

Acq: 1 Jun 2019 2:51

Instrument :

BNA_G

ClientSampleId :

PB120101BS

Tot Ion: 70 Resp: 122208

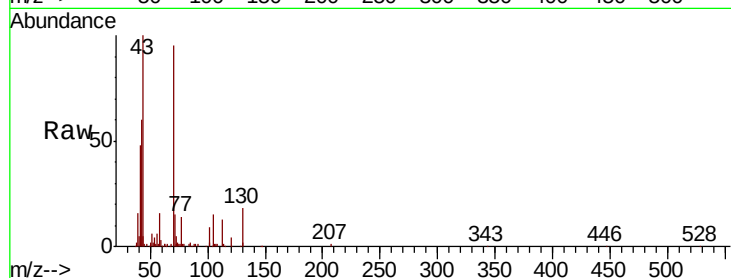
Ion Ratio Lower Upper

70 100

42 62.5 51.5 77.3

101 9.5 8.1 12.1

130 19.2 16.6 24.8

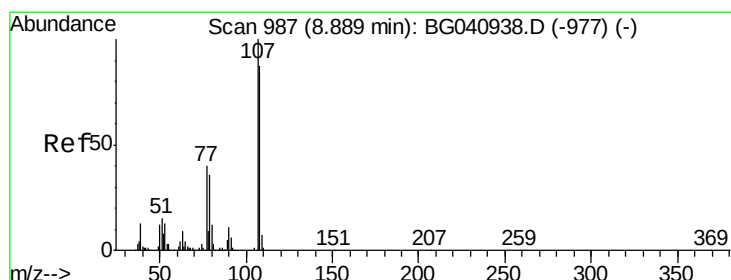
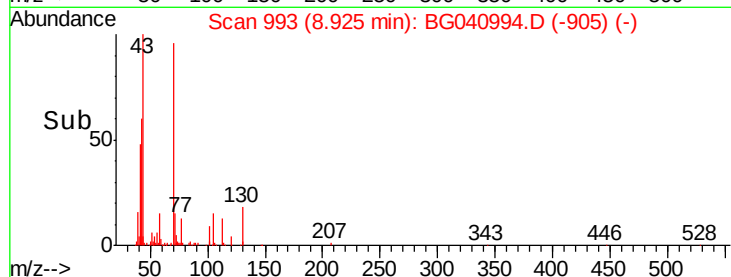
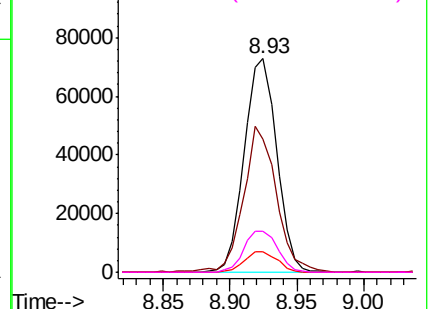


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 85.815 ng

RT: 8.88 min Scan# 985

Delta R.T. -0.01 min

Lab File: BG040994.D

Acq: 1 Jun 2019 2:51

Tgt Ion:107 Resp: 173549

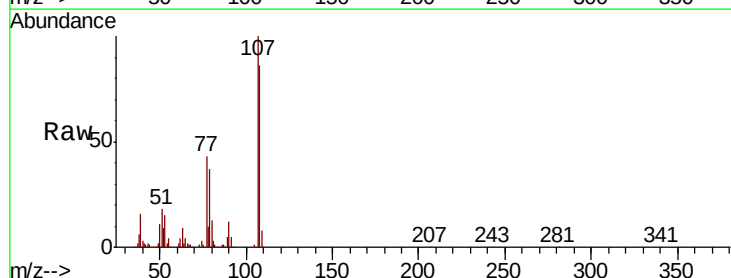
Ion Ratio Lower Upper

107 100

108 86.0 66.8 106.8

77 42.7 20.5 60.5

79 36.9 15.8 55.8

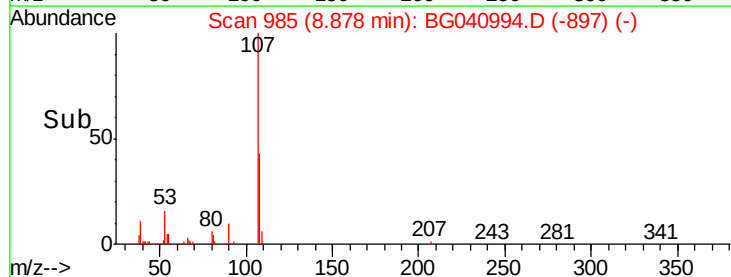
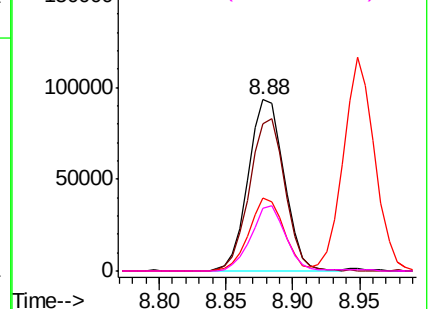


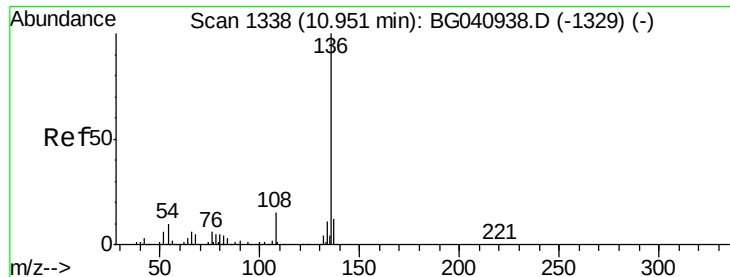
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

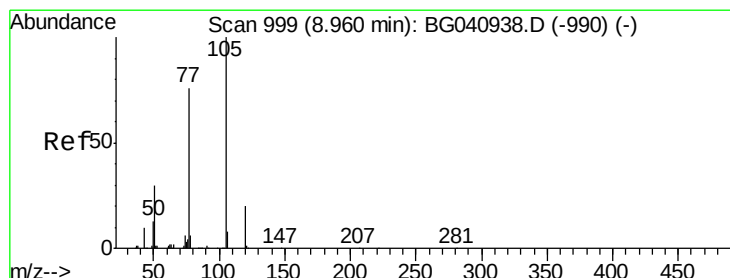
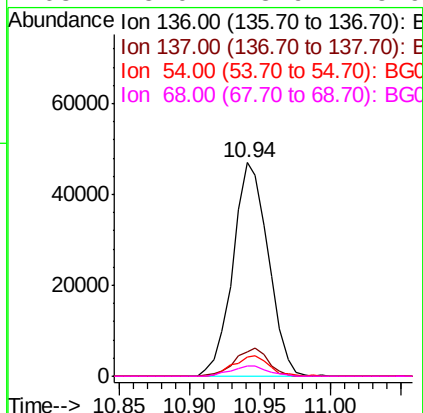
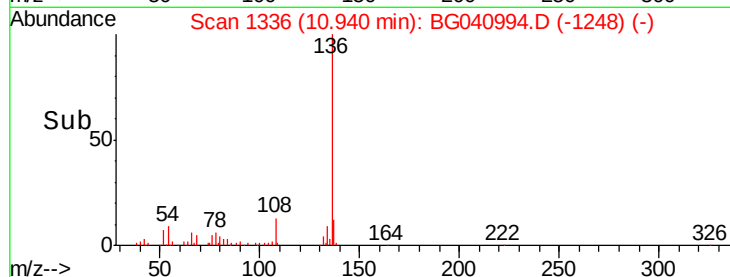
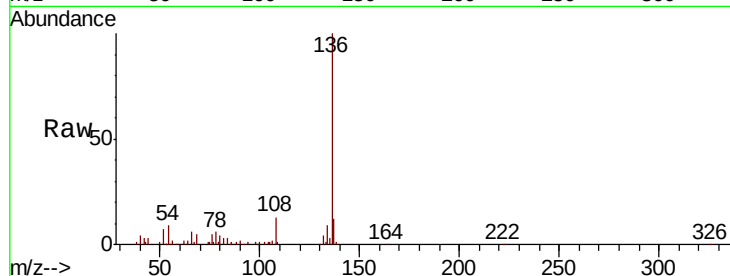




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BG040994.D
Acq: 1 Jun 2019 2:51

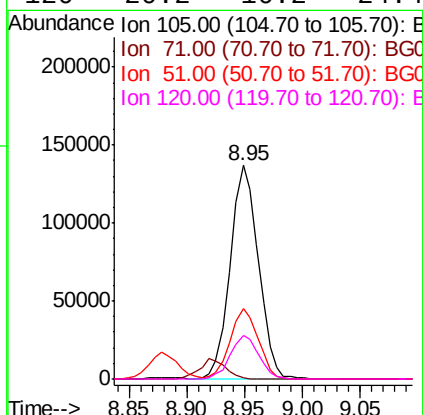
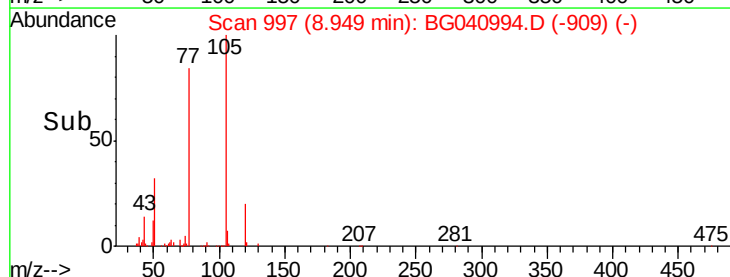
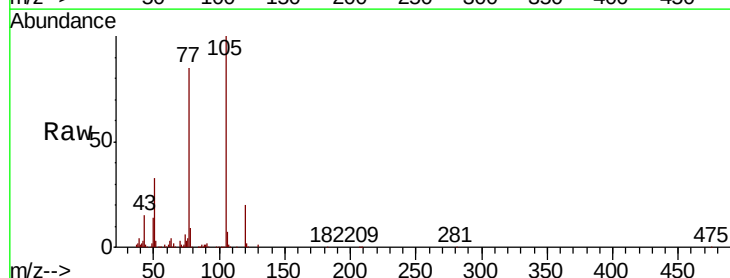
Instrument :
BNA_G
ClientSampleId :
PB120101BS

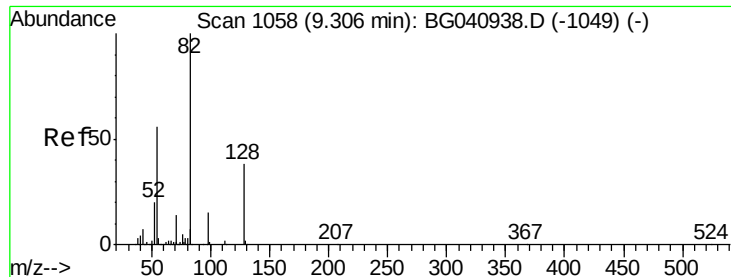
Tot Ion:136	Resp:	82160
Ion Ratio	Lower	Upper
136 100		
137 11.6	9.5	14.3
54 8.9	7.6	11.4
68 5.0	3.9	5.9



#22
Acetophenone
Concen: 100.410 ng
RT: 8.95 min Scan# 997
Delta R.T. -0.01 min
Lab File: BG040994.D
Acq: 1 Jun 2019 2:51

Tgt	Ion:105	Resp:	231417
Ion	Ratio	Lower	Upper
105	100		
71	0.5	0.4	0.6
51	32.9	27.0	40.6
120	20.2	16.2	24.4

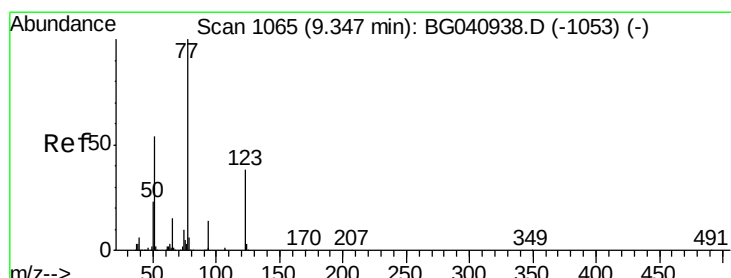
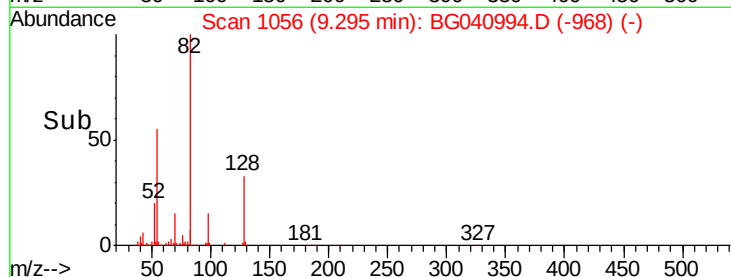
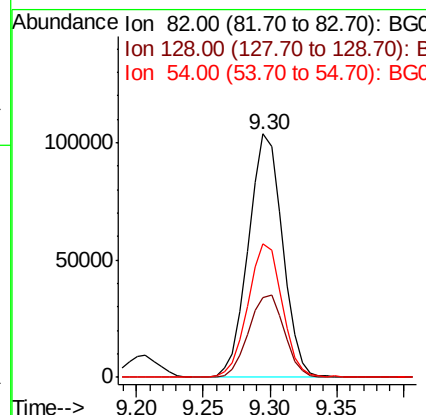
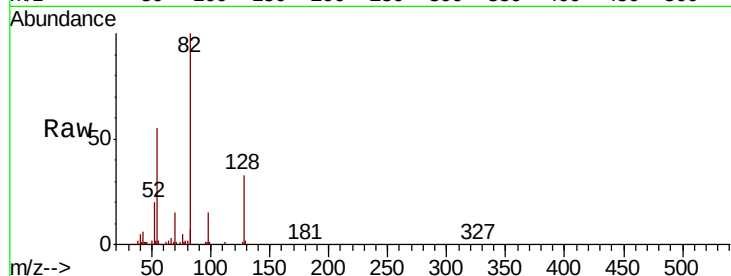




#23
 Nitrobenzene-d5
 Concen: 98.977 ng
 RT: 9.30 min Scan# 1056
 Delta R.T. -0.01 min
 Lab File: BG040994.D
 Acq: 1 Jun 2019 2:51

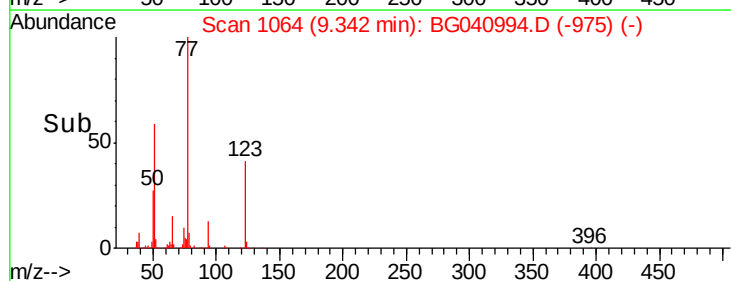
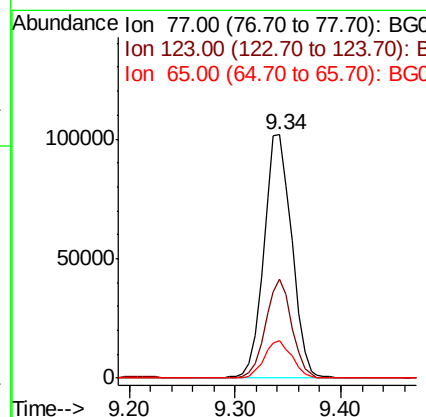
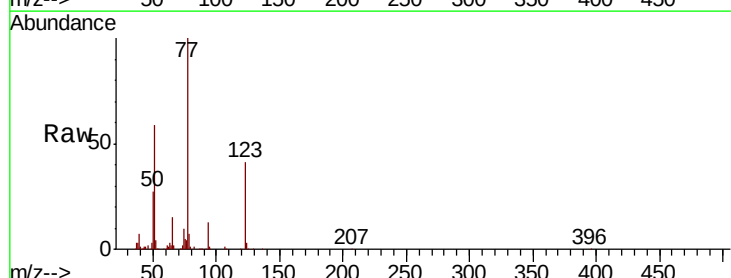
Instrument :
 BNA_G
 ClientSampleId :
 PB120101BS

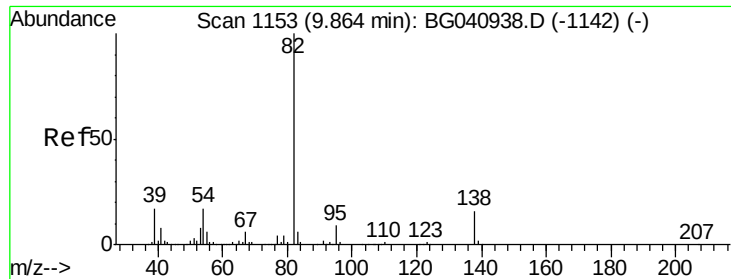
Tot Ion	82	Resp	183178
Ion Ratio	Lower	Upper	
82	100		
128	32.9	30.5	45.7
54	54.9	44.6	66.8



#24
 Nitrobenzene
 Concen: 99.239 ng
 RT: 9.34 min Scan# 1064
 Delta R.T. -0.01 min
 Lab File: BG040994.D
 Acq: 1 Jun 2019 2:51

Tgt Ion	77	Resp	187169
Ion Ratio	Lower	Upper	
77	100		
123	40.7	30.6	46.0
65	15.5	12.3	18.5





#25

Isophorone

Concen: 95.649 ng

RT: 9.85 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BG040994.D

Acq: 1 Jun 2019 2:51

Instrument :

BNA_G

ClientSampleId :

PB120101BS

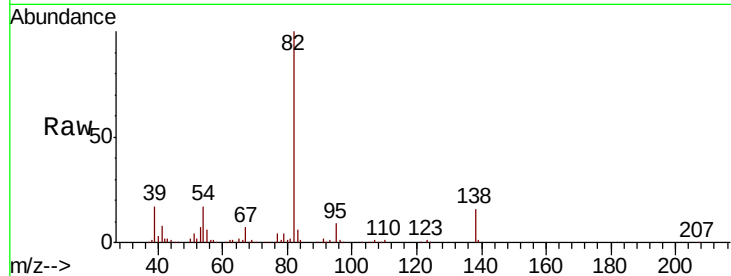
Tot Ion: 82 Resp: 336881

Ion Ratio Lower Upper

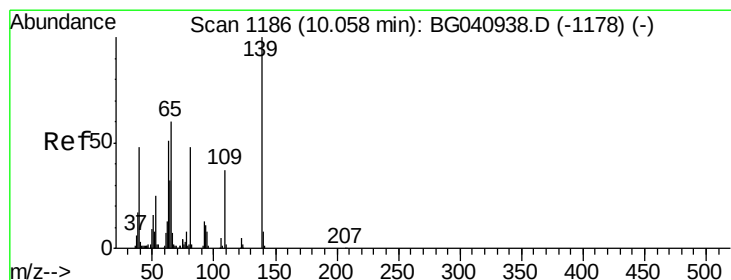
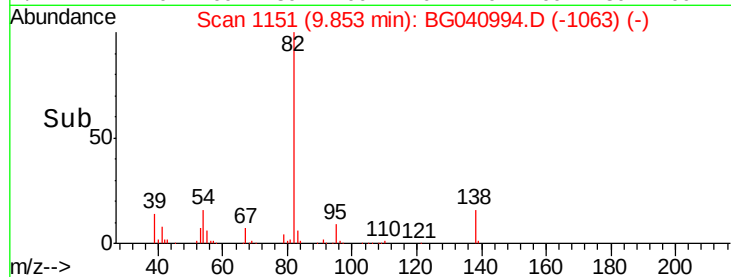
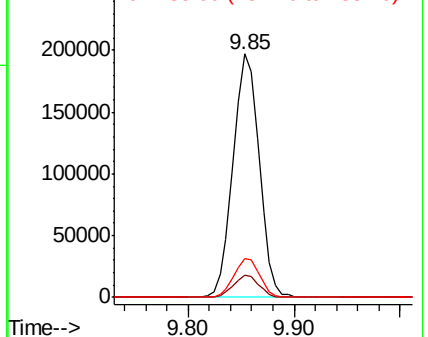
82 100

95 8.9 7.0 10.4

138 16.1 12.6 19.0



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



#26

2-Nitrophenol

Concen: 102.513 ng

RT: 10.05 min Scan# 1185

Delta R.T. -0.01 min

Lab File: BG040994.D

Acq: 1 Jun 2019 2:51

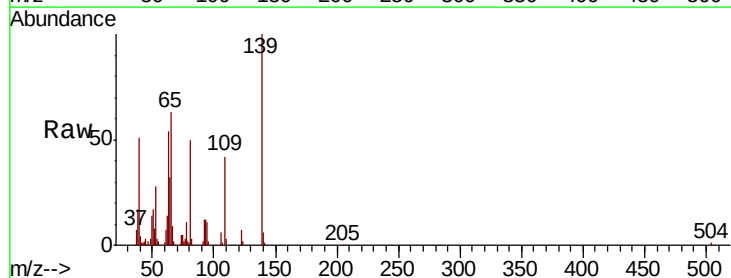
Tgt Ion: 139 Resp: 79706

Ion Ratio Lower Upper

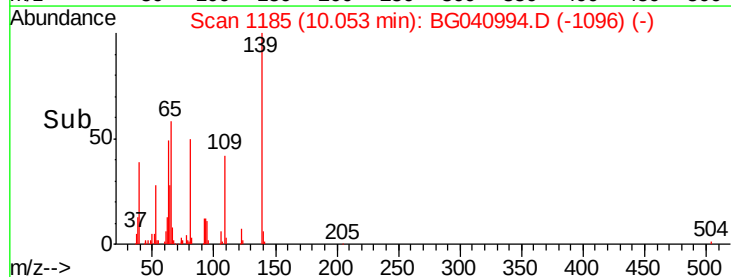
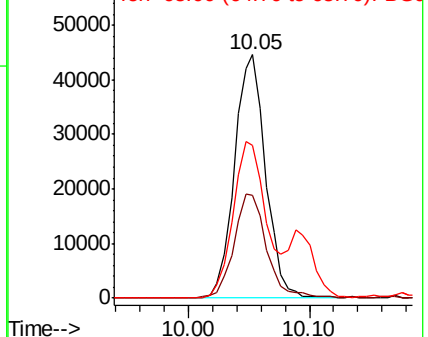
139 100

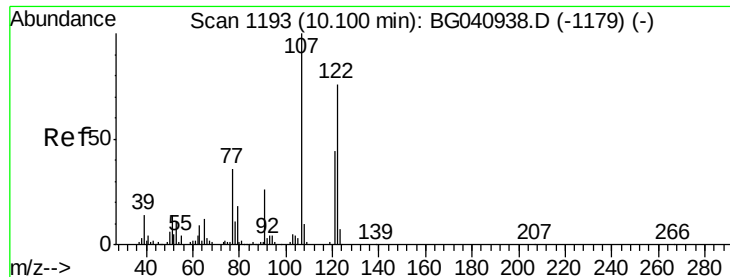
109 42.2 29.8 44.6

65 62.8 47.8 71.6



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





#27

2,4-Dimethylphenol

Concen: 109.841 ng

RT: 10.09 min Scan# 1192

Delta R.T. -0.01 min

Lab File: BG040994.D

Acq: 1 Jun 2019 2:51

Instrument :

BNA_G

ClientSampleId :

PB120101BS

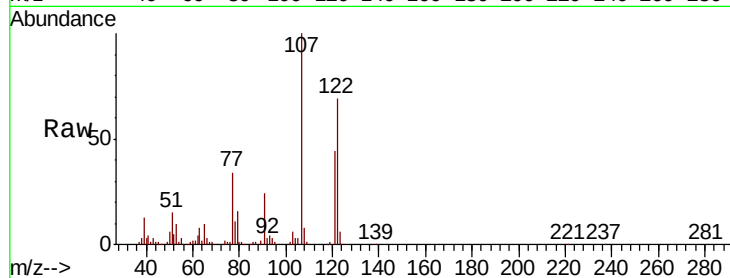
Tot Ion:122 Resp: 141049

Ion Ratio Lower Upper

122 100

107 145.1 105.9 158.9

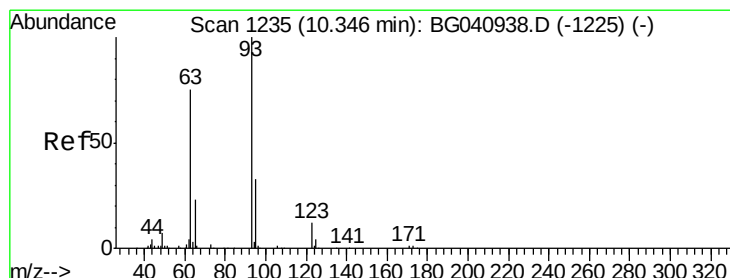
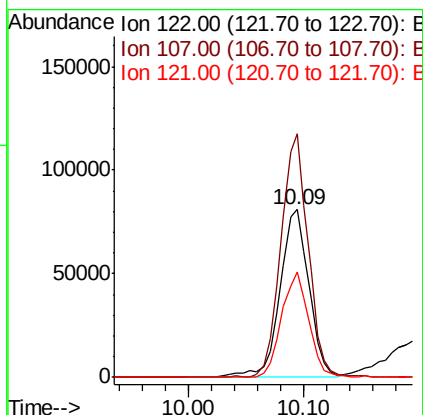
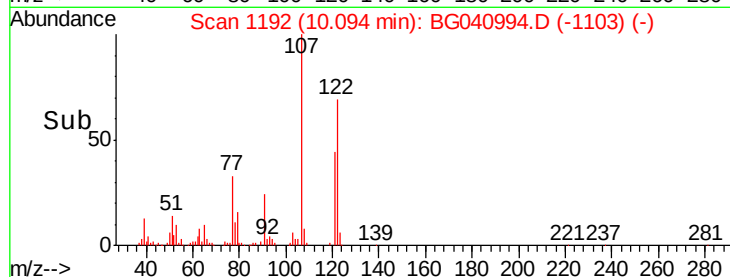
121 63.1 46.2 69.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 93.471 ng

RT: 10.34 min Scan# 1233

Delta R.T. -0.01 min

Lab File: BG040994.D

Acq: 1 Jun 2019 2:51

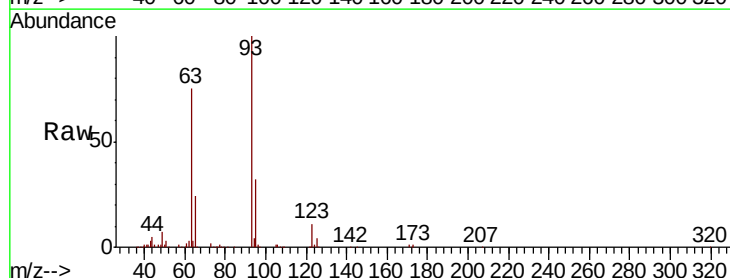
Tgt Ion: 93 Resp: 177683

Ion Ratio Lower Upper

93 100

95 31.6 26.2 39.2

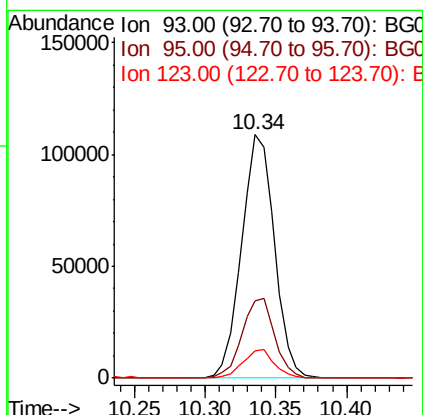
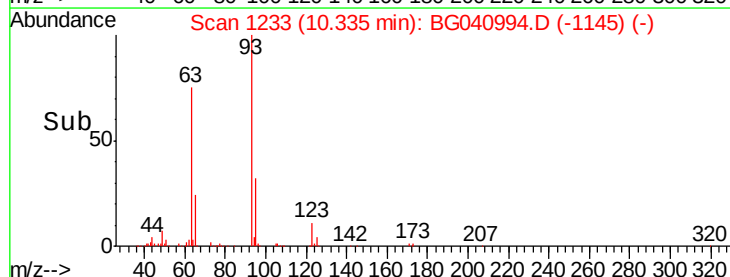
123 11.1 9.5 14.3

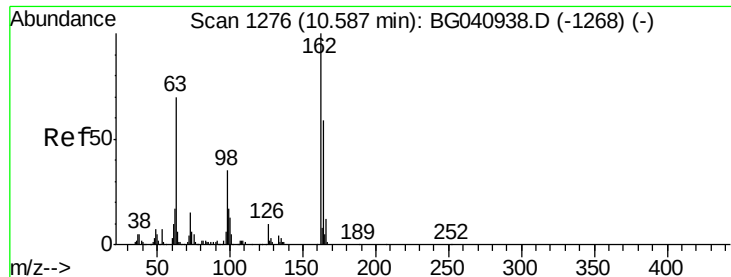


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

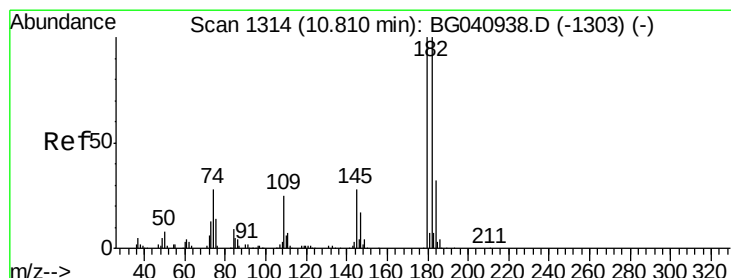
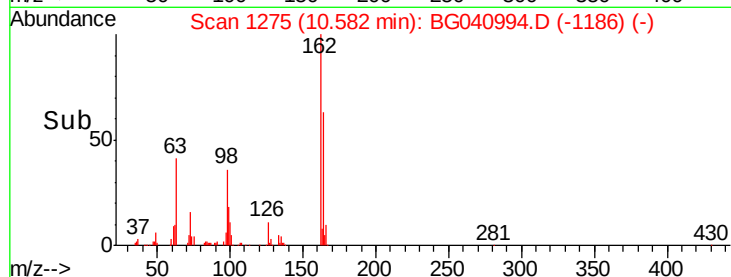
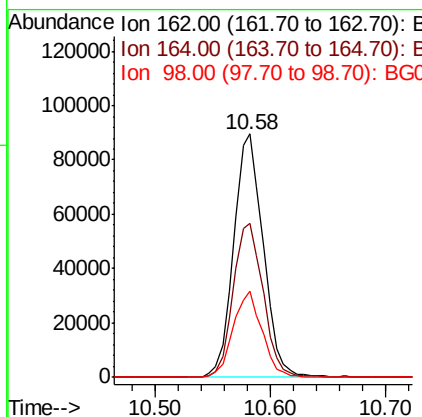
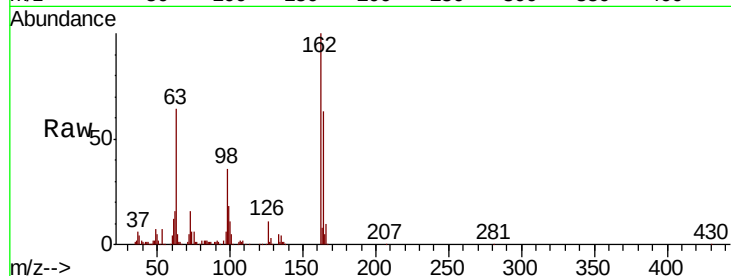




#29
 2,4-Dichlorophenol
 Concen: 97.141 ng
 RT: 10.58 min Scan# 1275
 Delta R.T. -0.01 min
 Lab File: BG040994.D
 Acq: 1 Jun 2019 2:51

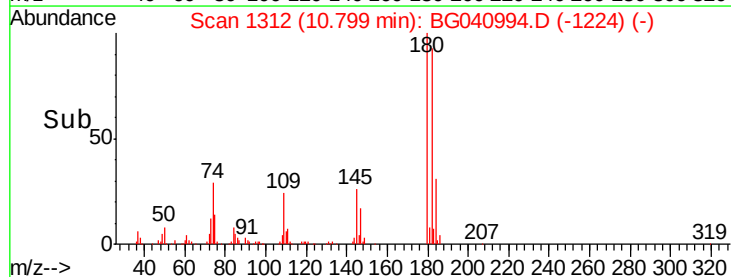
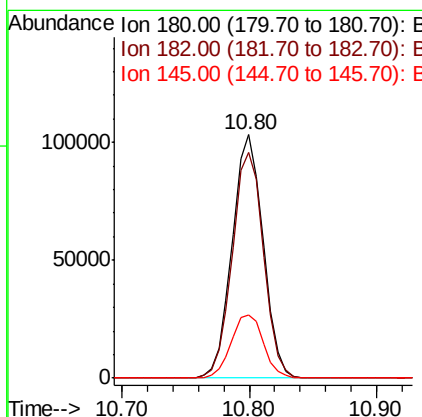
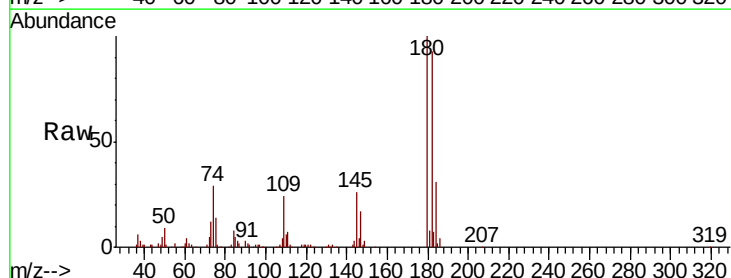
Instrument :
 BNA_G
 ClientSampleId :
 PB120101BS

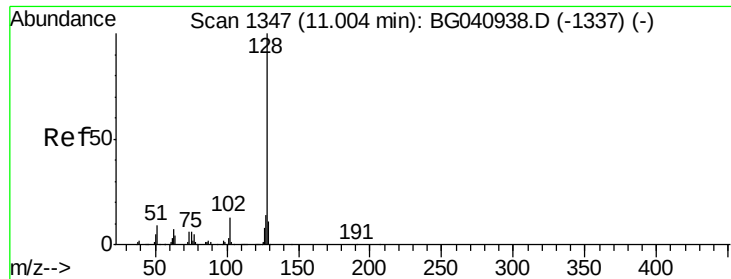
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.3	39.4	79.4
98	35.6	15.3	55.3



#30
 1,2,4-Trichlorobenzene
 Concen: 93.706 ng
 RT: 10.80 min Scan# 1312
 Delta R.T. -0.01 min
 Lab File: BG040994.D
 Acq: 1 Jun 2019 2:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.6	79.7	119.5
145	26.1	22.6	34.0

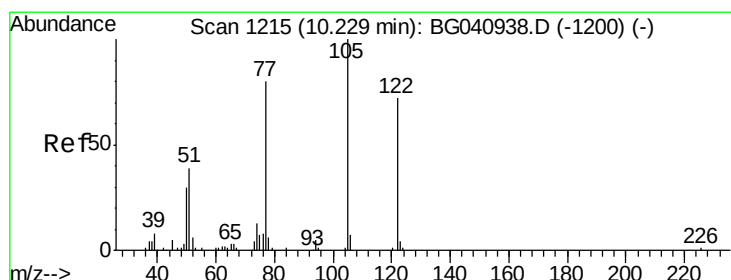
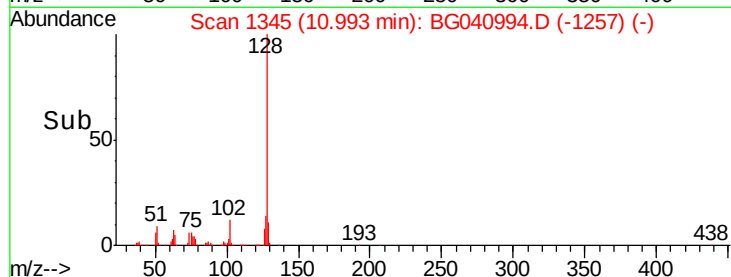
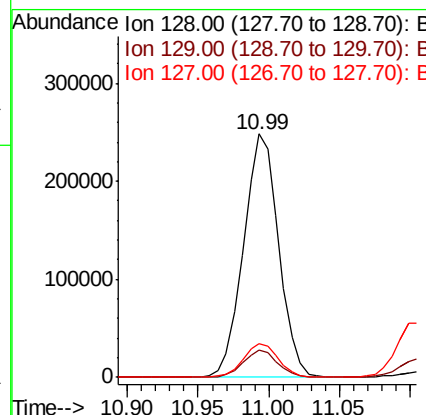
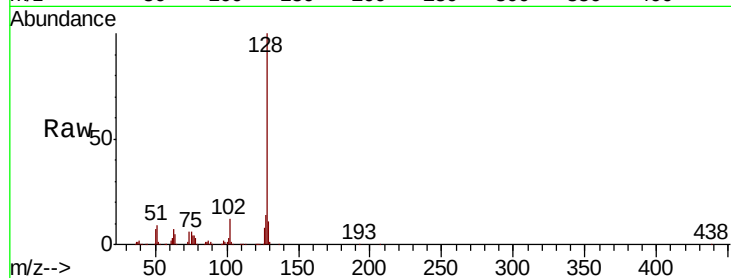




#31
Naphthalene
Concen: 97.644 ng
RT: 10.99 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BG040994.D
Acq: 1 Jun 2019 2:51

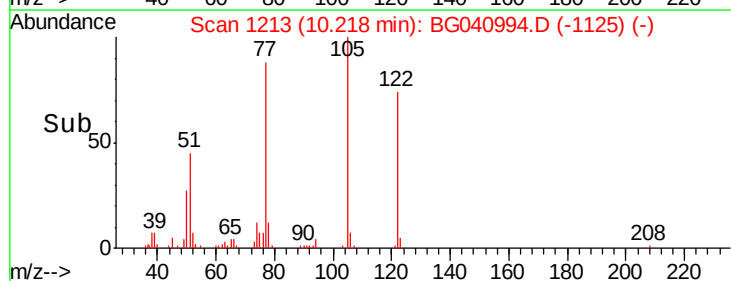
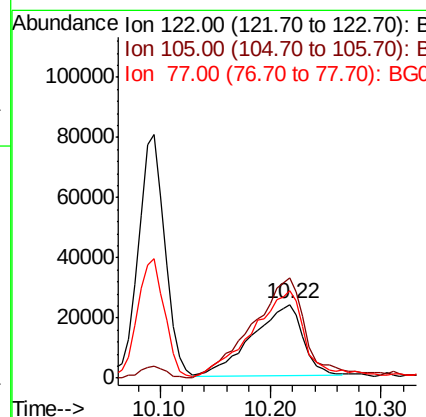
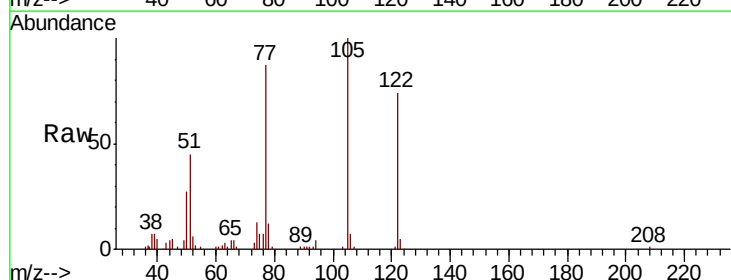
Instrument :
BNA_G
ClientSampleId :
PB120101BS

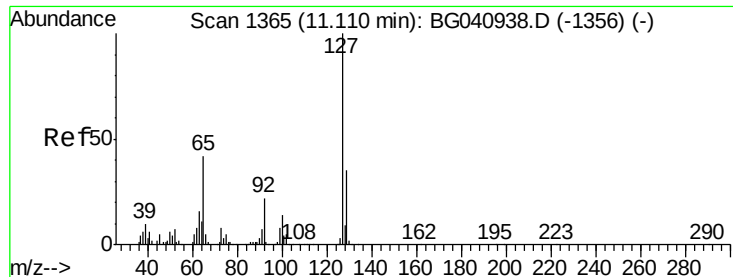
Tot Ion:128 Resp: 430730
Ion Ratio Lower Upper
128 100
129 11.1 8.5 12.7
127 13.6 11.4 17.2



#32
Benzoic acid
Concen: 71.218 ng
RT: 10.22 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BG040994.D
Acq: 1 Jun 2019 2:51

Tgt Ion:122 Resp: 75838
Ion Ratio Lower Upper
122 100
105 135.4 114.8 154.8
77 118.5 89.9 129.9

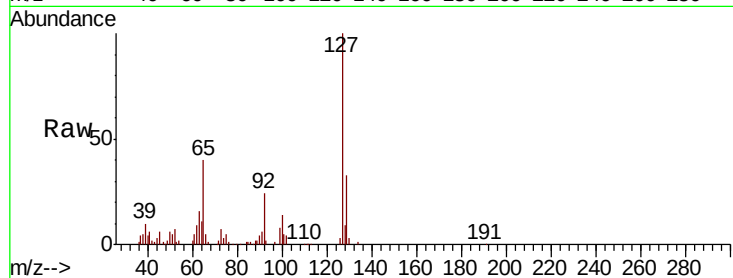




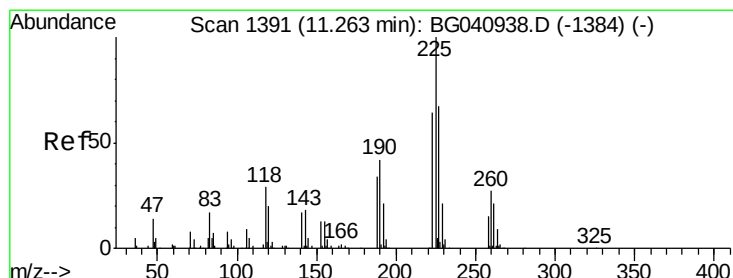
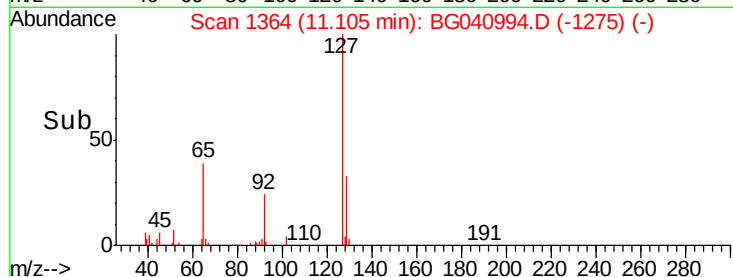
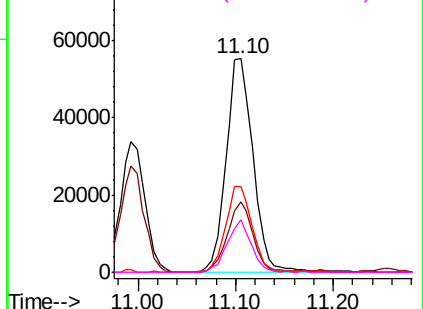
#33
 4-Chloroaniline
 Concen: 51.667 ng
 RT: 11.10 min Scan# 1364
 Delta R.T. -0.01 min
 Lab File: BG040994.D
 Acq: 1 Jun 2019 2:51

Instrument :
 BNA_G
 ClientSampleId :
 PB120101BS

Tot Ion:	127	Resp:	105750
Ion	Ratio	Lower	Upper
127	100		
129	33.2	27.7	41.5
65	40.1	33.2	49.8
92	24.4	17.2	25.8

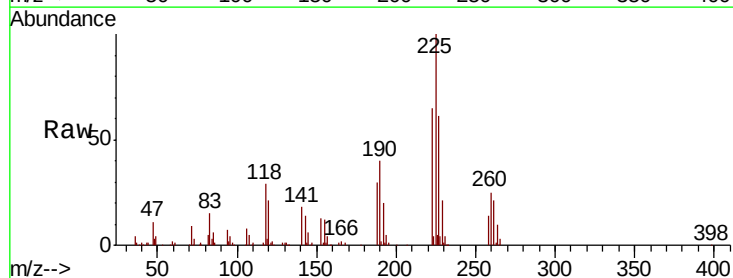


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BG
 Ion 92.00 (91.70 to 92.70): BG

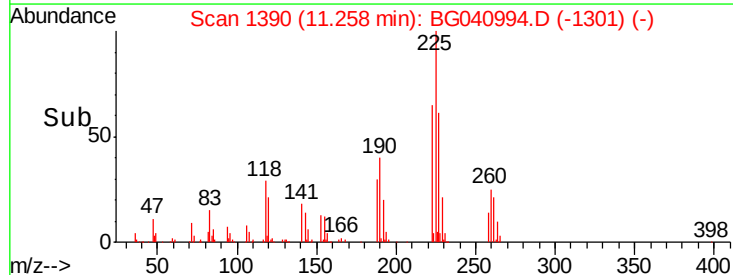
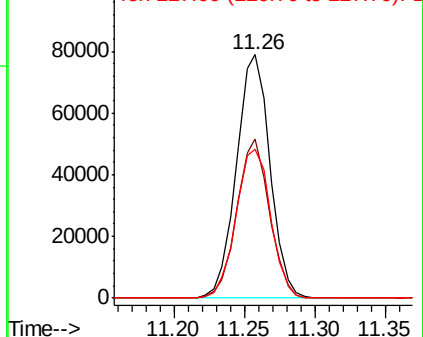


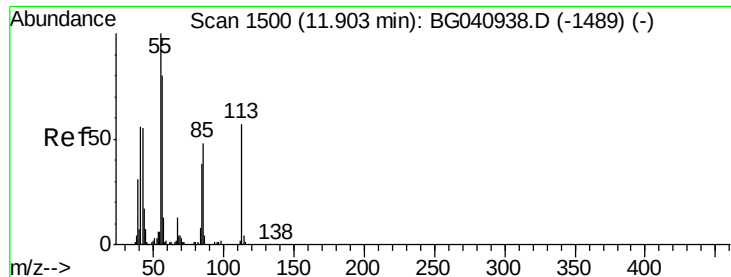
#34
 Hexachlorobutadiene
 Concen: 92.061 ng
 RT: 11.26 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: BG040994.D
 Acq: 1 Jun 2019 2:51

Tgt Ion:	225	Resp:	130671
Ion	Ratio	Lower	Upper
225	100		
223	65.3	48.8	73.2
227	60.9	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

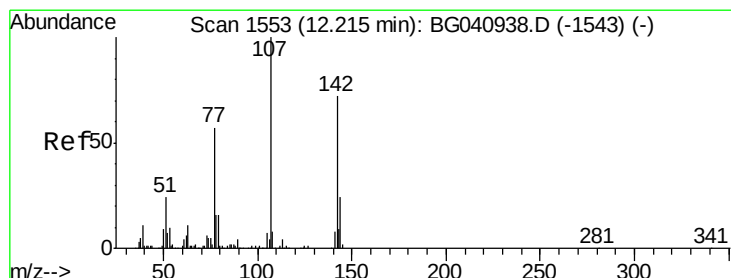
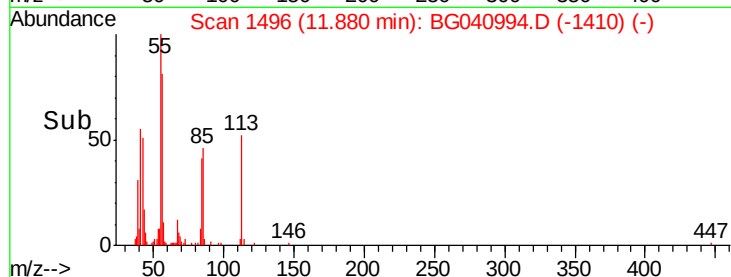
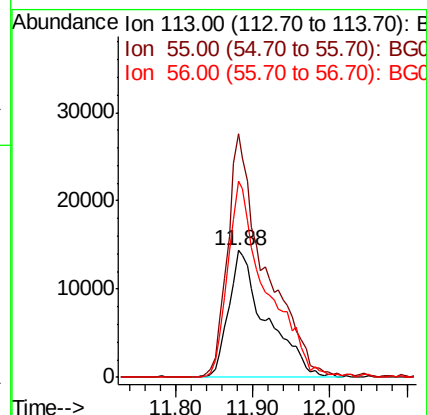
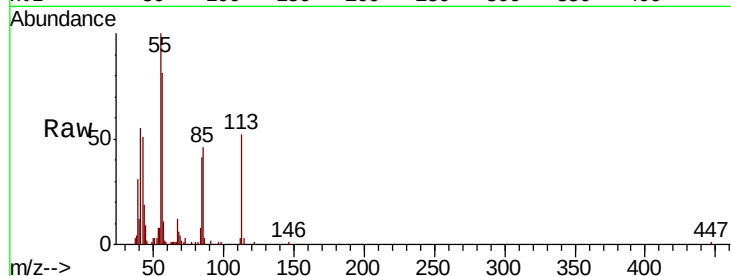




#35
 Caprolactam
 Concen: 91.248 ng
 RT: 11.88 min Scan# 1496
 Delta R.T. -0.02 min
 Lab File: BG040994.D
 Acq: 1 Jun 2019 2:51

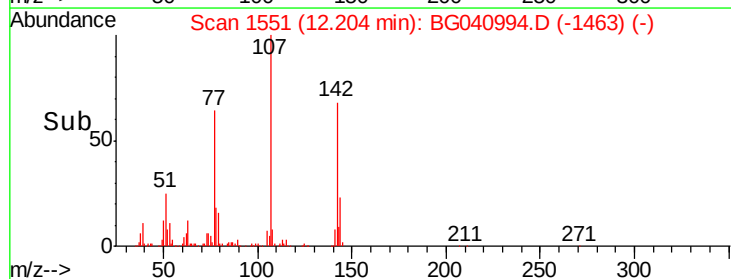
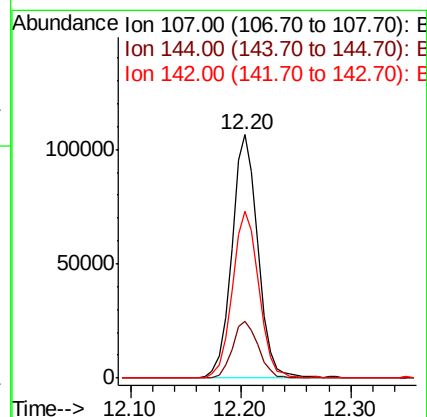
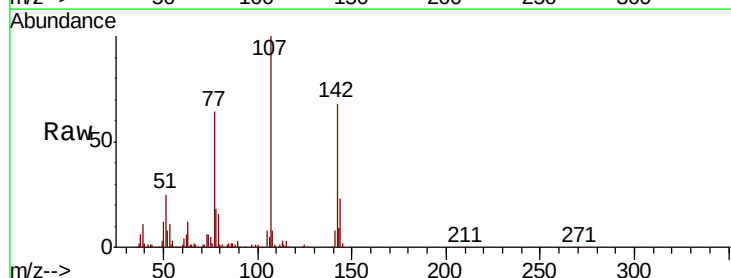
Instrument :
 BNA_G
 ClientSampleId :
 PB120101BS

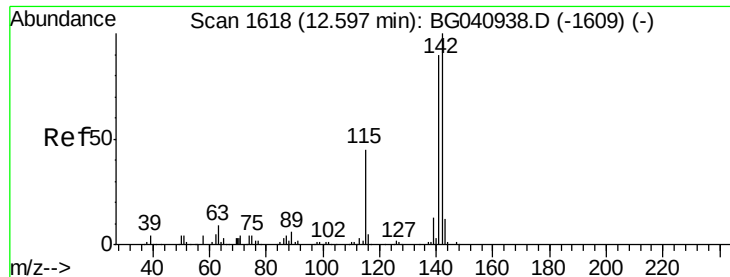
Tot Ion:113 Resp: 49136
 Ion Ratio Lower Upper
 113 100
 55 192.3 155.9 195.9
 56 155.1 119.9 159.9



#36
 4-Chloro-3-methylphenol
 Concen: 94.595 ng
 RT: 12.20 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BG040994.D
 Acq: 1 Jun 2019 2:51

Tgt Ion:107 Resp: 176168
 Ion Ratio Lower Upper
 107 100
 144 23.3 19.4 29.0
 142 68.3 57.3 85.9

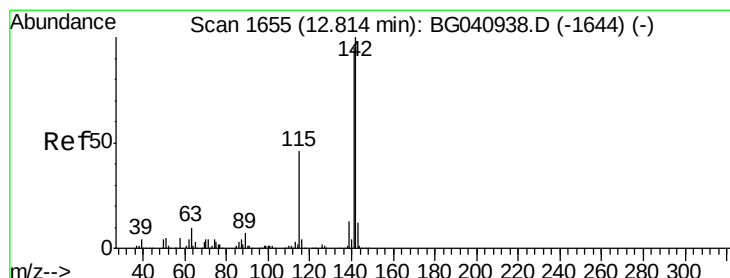
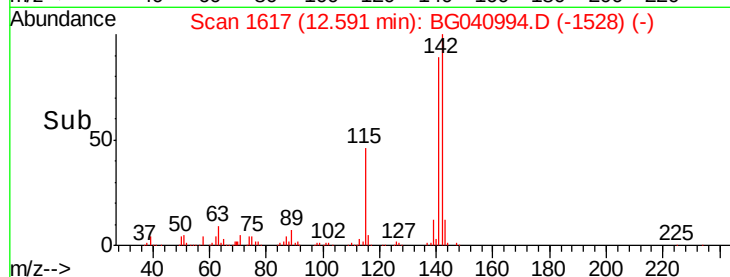
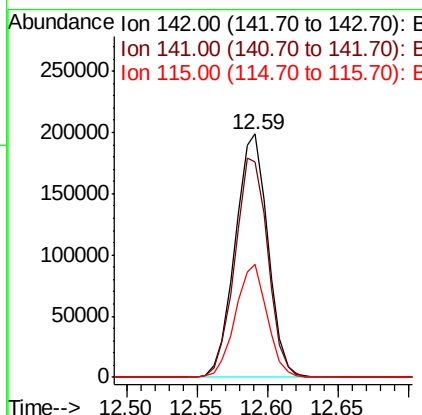
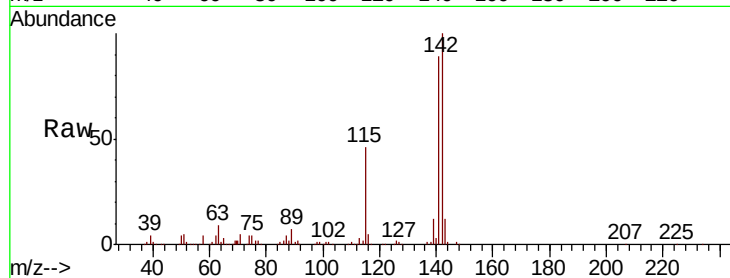




#37
2-Methylnaphthalene
Concen: 94.553 ng
RT: 12.59 min Scan# 1617
Delta R.T. -0.01 min
Lab File: BG040994.D
Acq: 1 Jun 2019 2:51

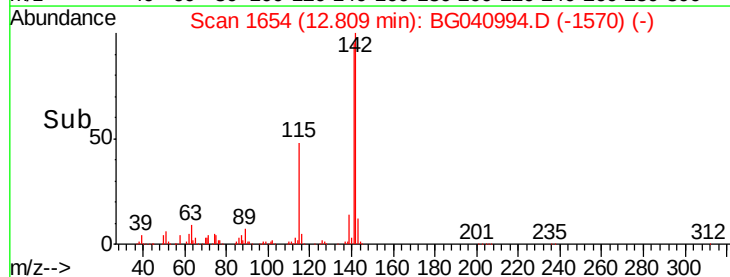
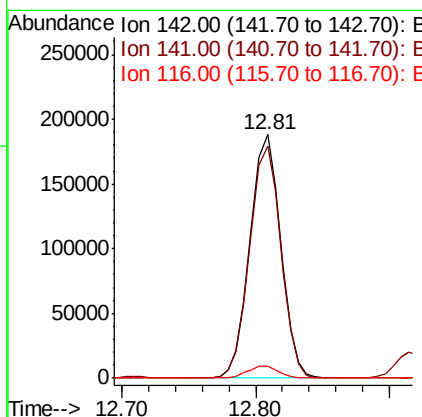
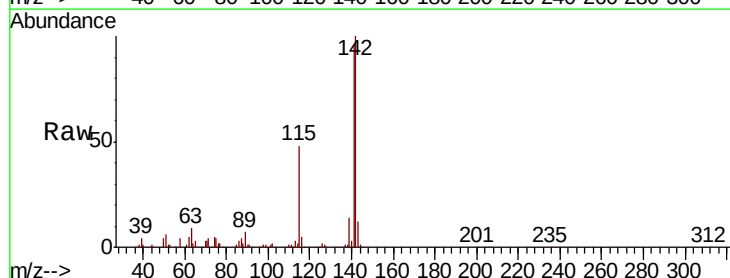
Instrument :
BNA_G
ClientSampleId :
PB120101BS

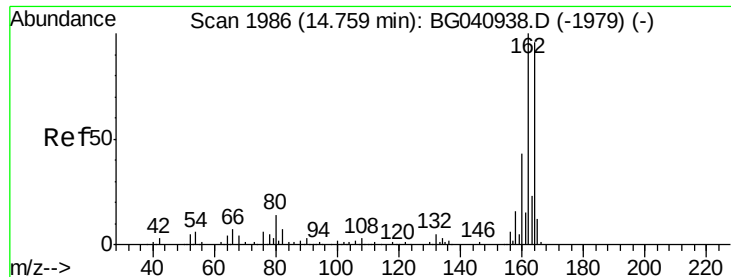
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	72.2	108.4
115	46.2	36.2	54.4



#38
1-Methylnaphthalene
Concen: 93.581 ng
RT: 12.81 min Scan# 1654
Delta R.T. -0.01 min
Lab File: BG040994.D
Acq: 1 Jun 2019 2:51

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.5	75.7	113.5
116	4.8	3.4	5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.75 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BG040994.D

Acq: 1 Jun 2019 2:51

Instrument :

BNA_G

ClientSampleId :

PB120101BS

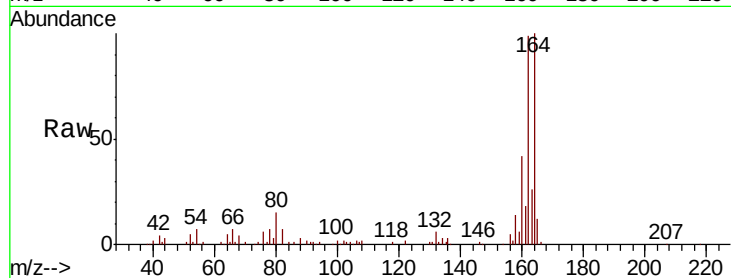
Tot Ion:164 Resp: 58979

Ion Ratio Lower Upper

164 100

162 98.5 83.0 124.4

160 41.7 35.6 53.4

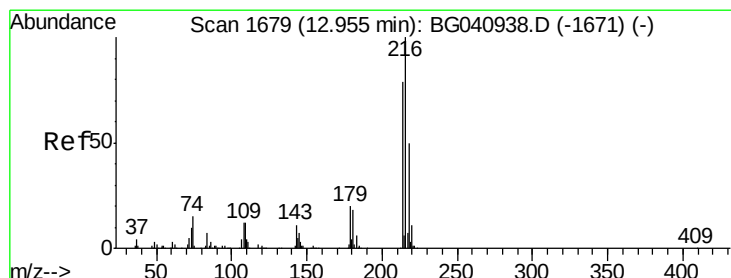
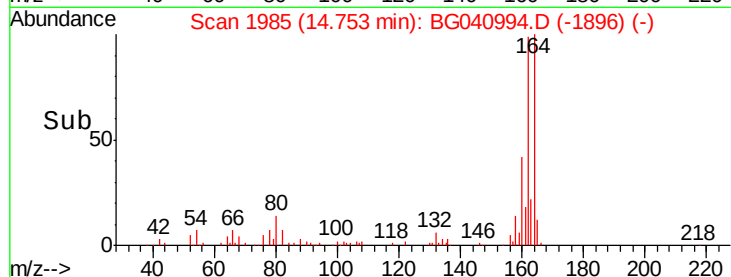
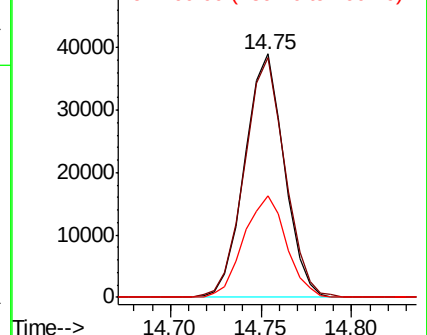


Abundance

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: 97.563 ng

RT: 12.95 min Scan# 1678

Delta R.T. -0.01 min

Lab File: BG040994.D

Acq: 1 Jun 2019 2:51

Tgt Ion:216 Resp: 231924

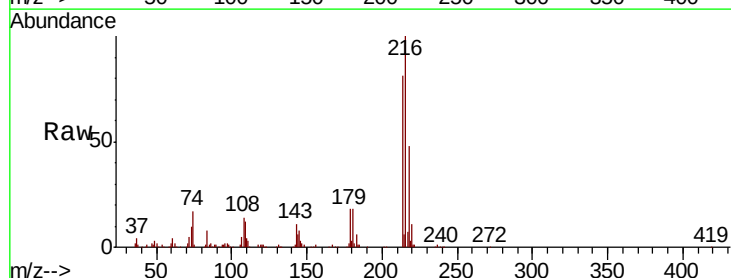
Ion Ratio Lower Upper

216 100

214 79.7 63.4 95.2

179 19.0 15.2 22.8

108 17.4 11.4 17.2#



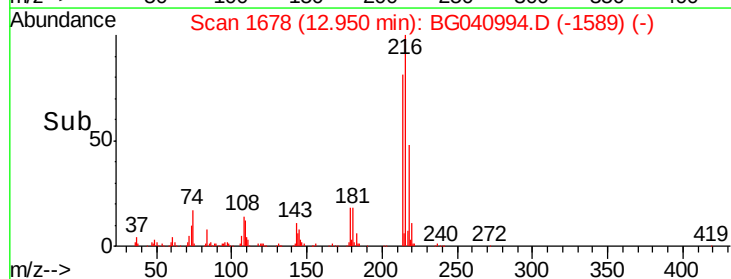
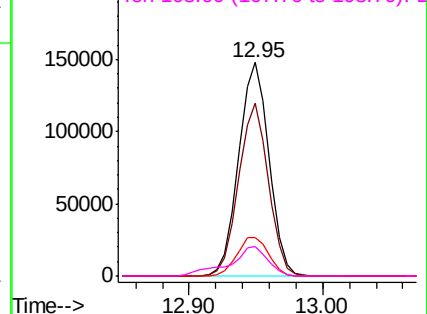
Abundance

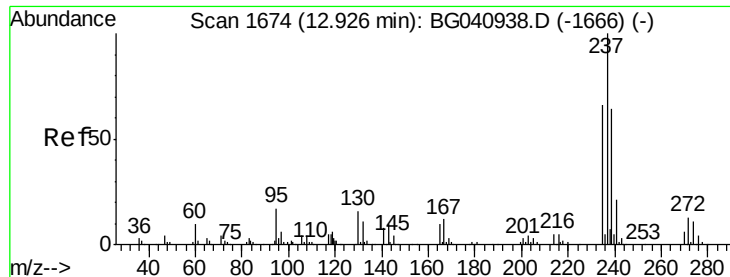
Ion 216.00 (215.70 to 216.70): E

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

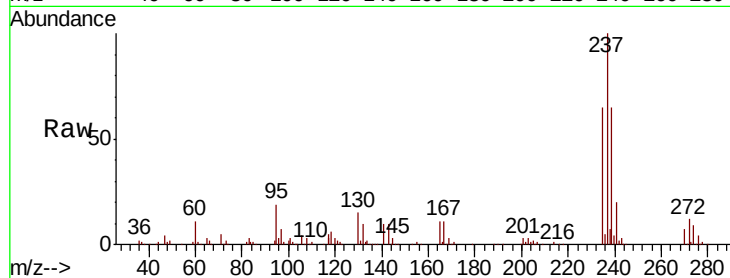




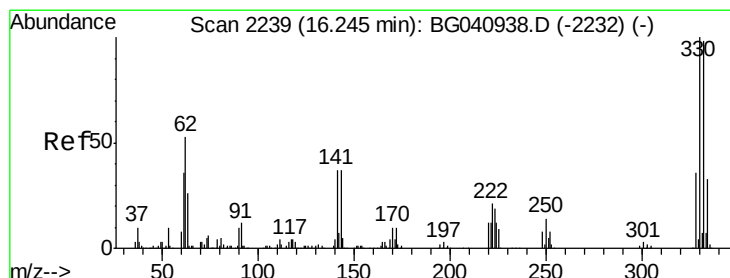
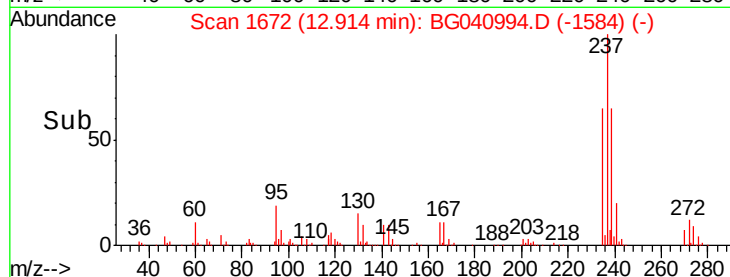
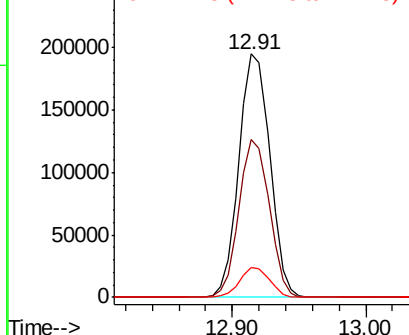
#41
Hexachlorocyclopentadiene
Concen: 228.256 ng
RT: 12.91 min Scan# 1672
Delta R.T. -0.01 min
Lab File: BG040994.D
Acq: 1 Jun 2019 2:51

Instrument :
BNA_G
ClientSampleId :
PB120101BS

Tot Ion:237 Resp: 313415
Ion Ratio Lower Upper
237 100
235 64.7 45.5 85.5
272 12.1 0.0 32.9

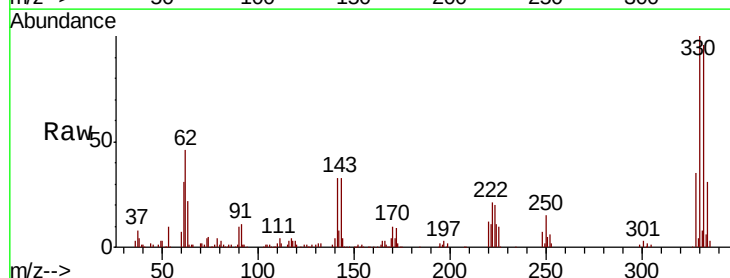


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

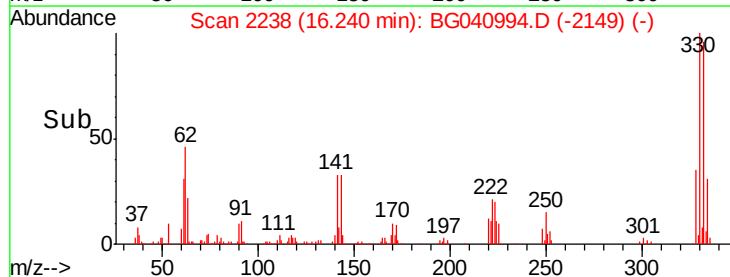
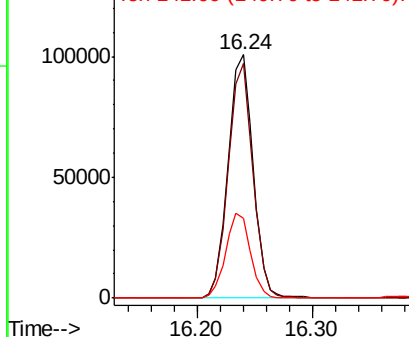


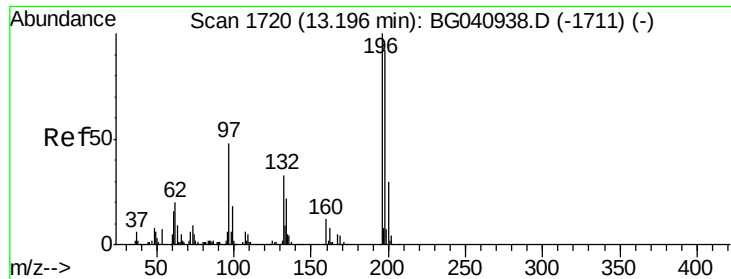
#42
2,4,6-Tribromophenol
Concen: 172.760 ng
RT: 16.24 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BG040994.D
Acq: 1 Jun 2019 2:51

Tgt Ion:330 Resp: 151266
Ion Ratio Lower Upper
330 100
332 94.7 78.5 117.7
141 34.4 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

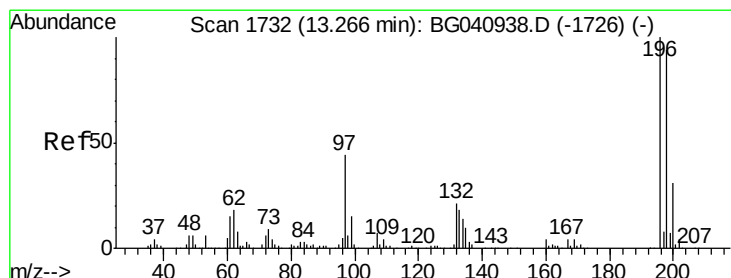
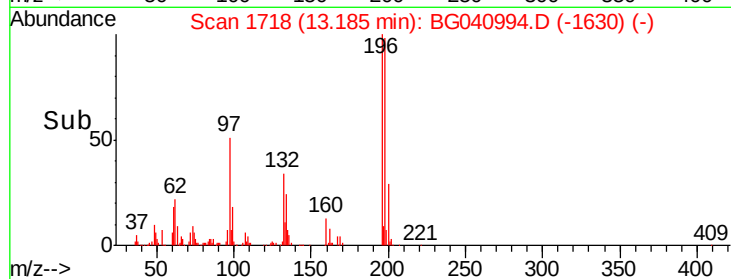
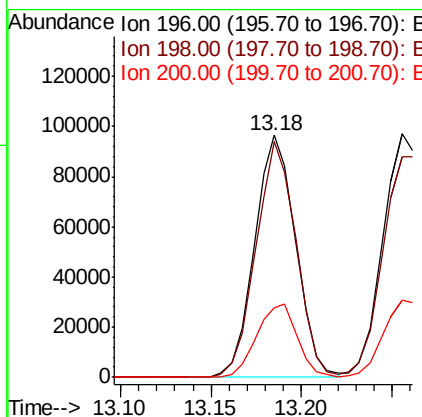
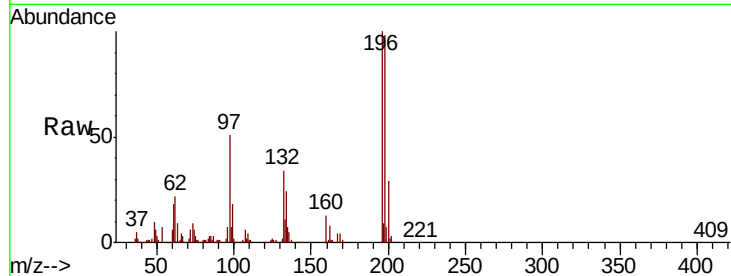




#43
 2,4,6-Trichlorophenol
 Concen: 98.456 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. -0.01 min
 Lab File: BG040994.D
 Acq: 1 Jun 2019 2:51

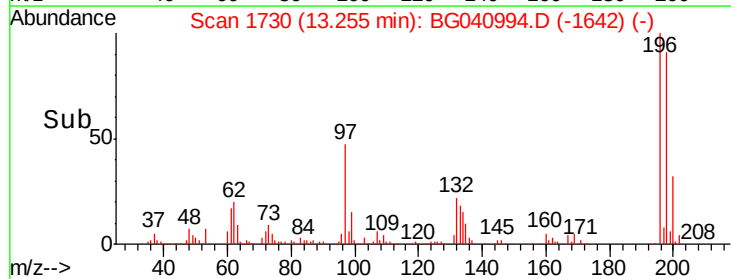
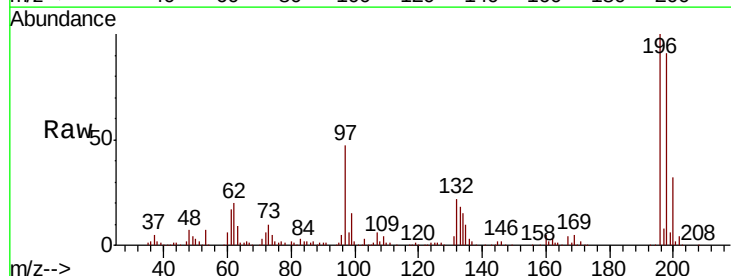
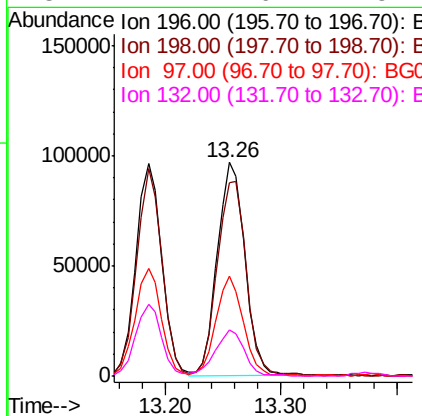
Instrument :
 BNA_G
 ClientSampleId :
 PB120101BS

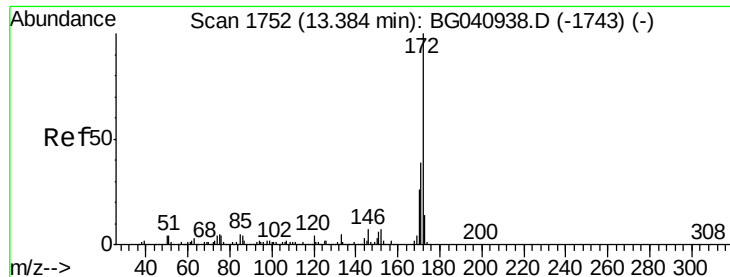
Tot Ion	Ratio	Lower	Upper
196	100		
198	97.7	73.8	110.6
200	28.9	24.1	36.1



#44
 2,4,5-Trichlorophenol
 Concen: 98.989 ng
 RT: 13.26 min Scan# 1730
 Delta R.T. -0.01 min
 Lab File: BG040994.D
 Acq: 1 Jun 2019 2:51

Tgt Ion	Ratio	Lower	Upper
196	100		
198	90.6	75.1	112.7
97	46.7	35.6	53.4
132	21.7	16.7	25.1

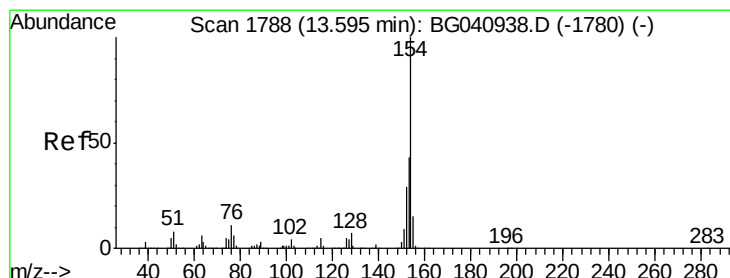
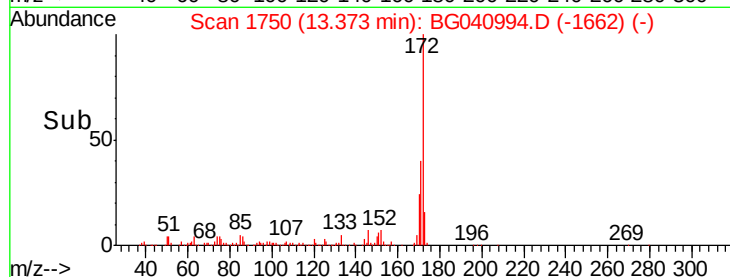
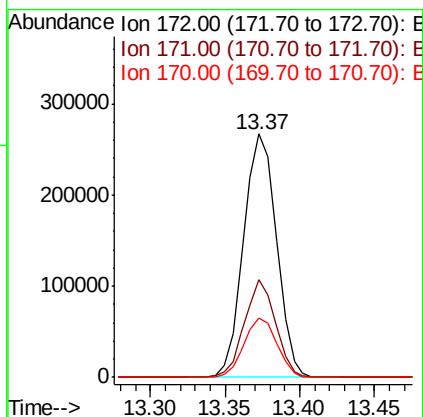
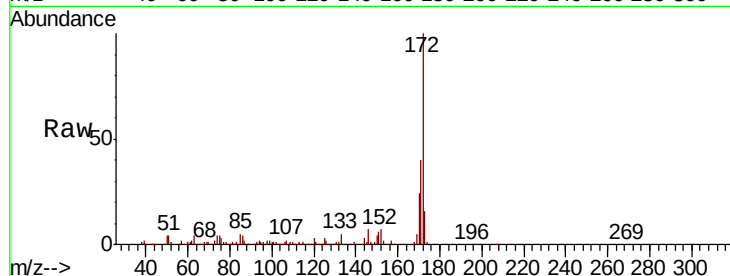




#45
2-Fluorobiphenyl
Concen: 99.170 ng
RT: 13.37 min Scan# 1750
Delta R.T. -0.01 min
Lab File: BG040994.D
Acq: 1 Jun 2019 2:51

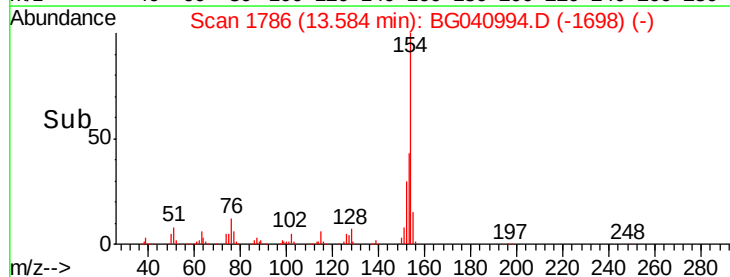
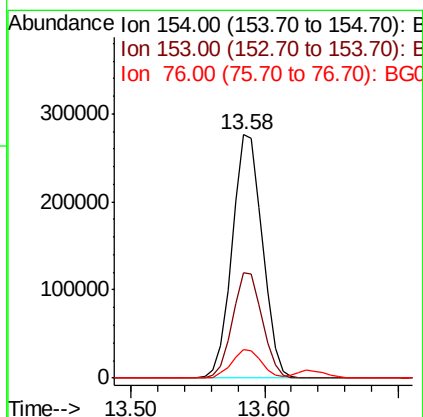
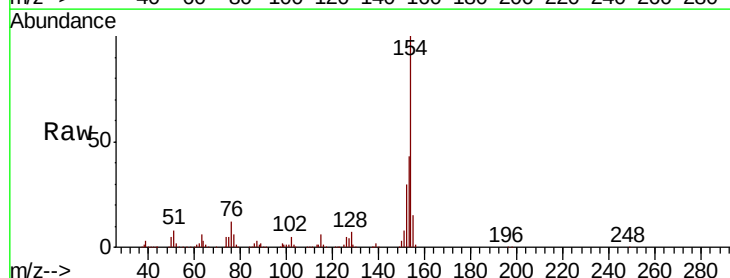
Instrument :
BNA_G
ClientSampleId :
PB120101BS

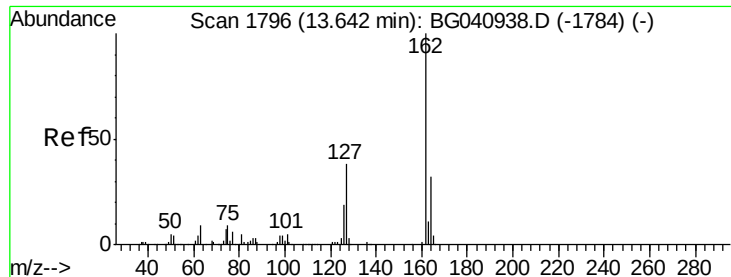
Tot Ion	Ratio	Lower	Upper
172	100		
171	40.2	31.1	46.7
170	24.2	20.5	30.7



#46
1,1'-Biphenyl
Concen: 99.366 ng
RT: 13.58 min Scan# 1786
Delta R.T. -0.01 min
Lab File: BG040994.D
Acq: 1 Jun 2019 2:51

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.3	23.3	63.3
76	11.5	0.0	31.1

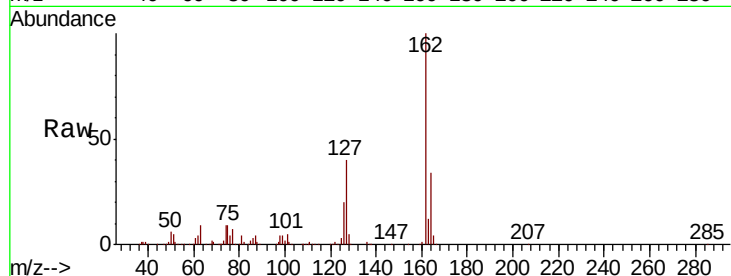




#47
 2-Chloronaphthalene
 Concen: 94.164 ng
 RT: 13.64 min Scan# 1795
 Delta R.T. -0.01 min
 Lab File: BG040994.D
 Acq: 1 Jun 2019 2:51

Instrument :
 BNA_G
 ClientSampleId :
 PB120101BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.1	30.5	45.7
164	34.2	25.8	38.6

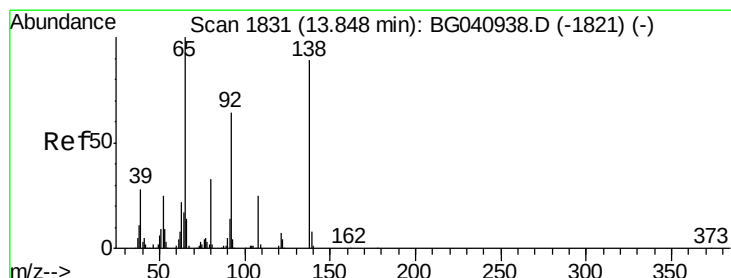
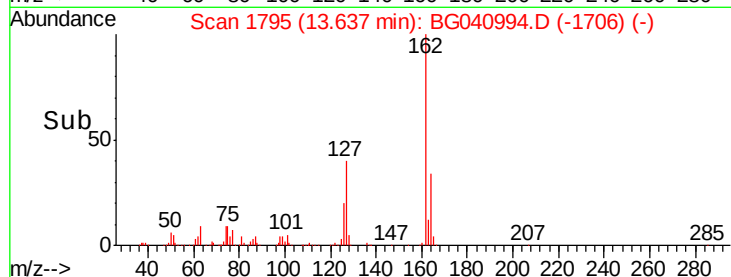
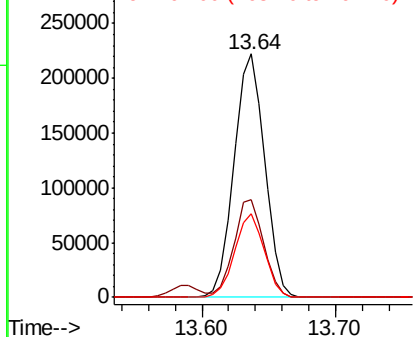


Abundance

Ion 162.00 (161.70 to 162.70): E

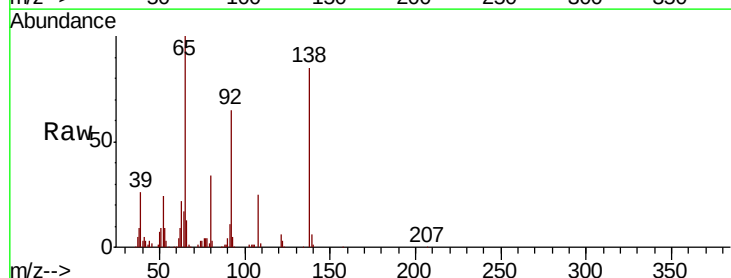
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
 2-Nitroaniline
 Concen: 97.436 ng
 RT: 13.84 min Scan# 1830
 Delta R.T. -0.01 min
 Lab File: BG040994.D
 Acq: 1 Jun 2019 2:51

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.3	51.0	76.6
138	85.2	71.2	106.8

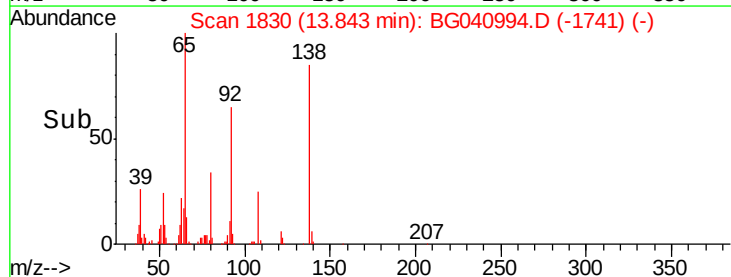
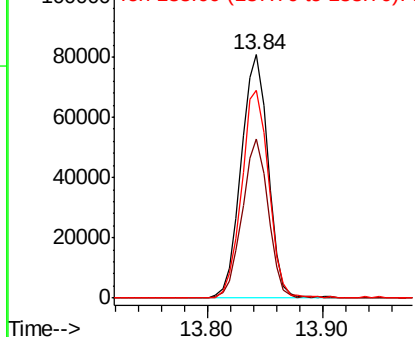


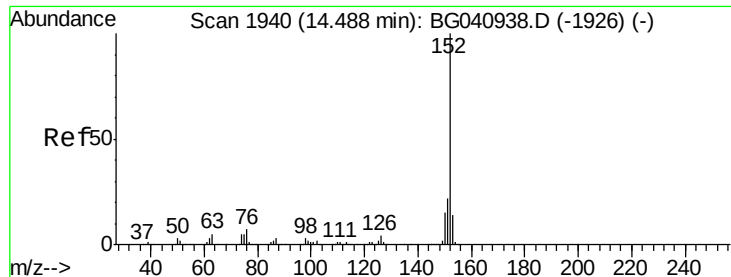
Abundance

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: 99.305 ng

RT: 14.48 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BG040994.D

Acq: 1 Jun 2019 2:51

Instrument :

BNA_G

ClientSampleId :

PB120101BS

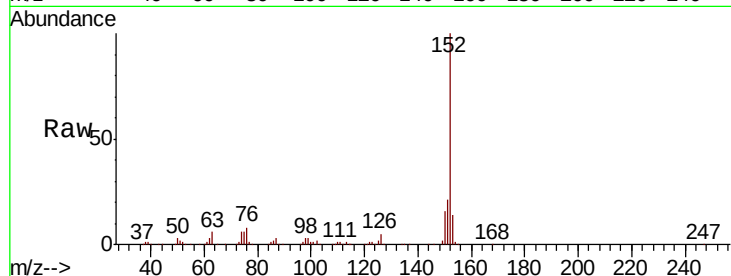
Tot Ion:152 Resp: 560163

Ion Ratio Lower Upper

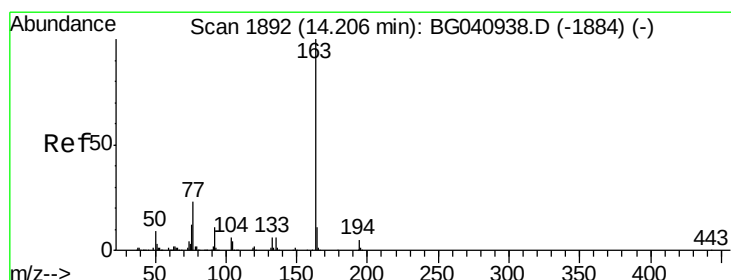
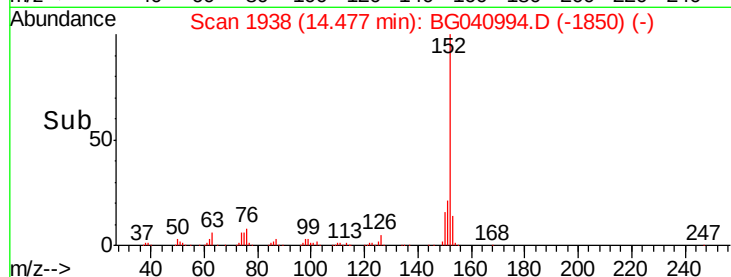
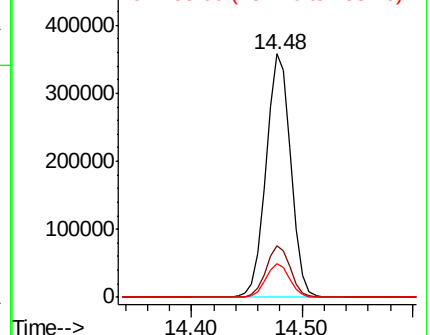
152 100

151 21.0 17.4 26.0

153 13.8 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: 95.484 ng

RT: 14.20 min Scan# 1891

Delta R.T. -0.01 min

Lab File: BG040994.D

Acq: 1 Jun 2019 2:51

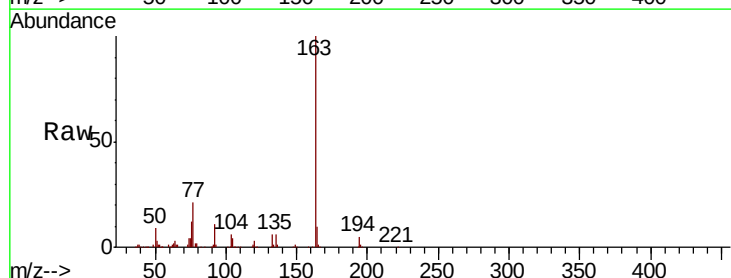
Tgt Ion:163 Resp: 476711

Ion Ratio Lower Upper

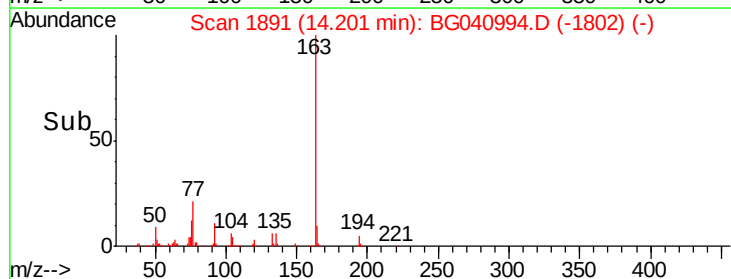
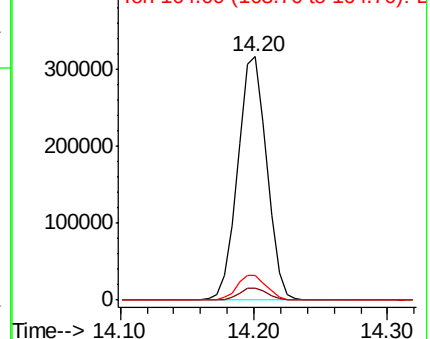
163 100

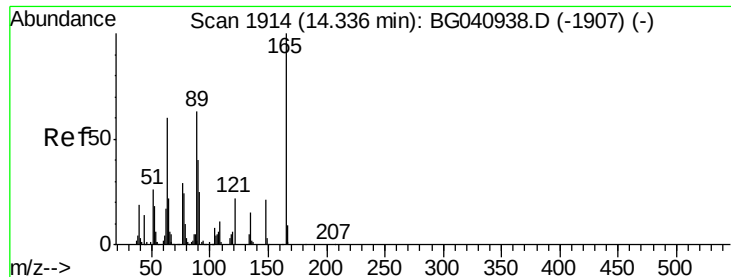
194 4.9 3.8 5.8

164 10.2 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: 97.922 ng

RT: 14.33 min Scan# 1913

Delta R.T. -0.01 min

Lab File: BG040994.D

Acq: 1 Jun 2019 2:51

Instrument :

BNA_G

ClientSampleId :

PB120101BS

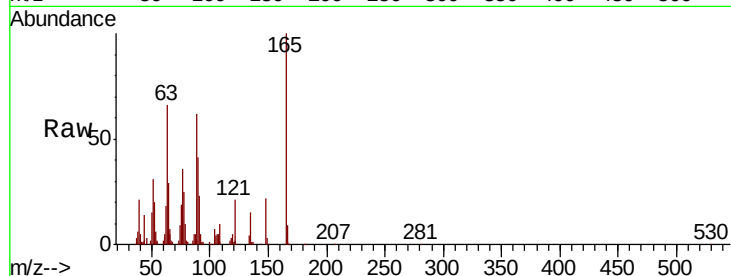
Tot Ion:165 Resp: 105408

Ion Ratio Lower Upper

165 100

63 66.4 53.6 80.4

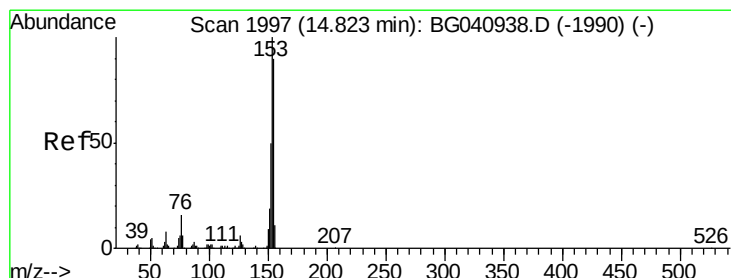
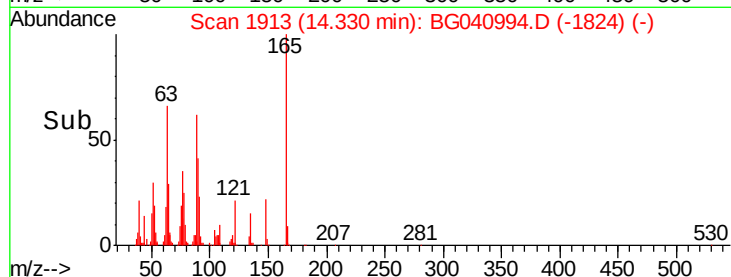
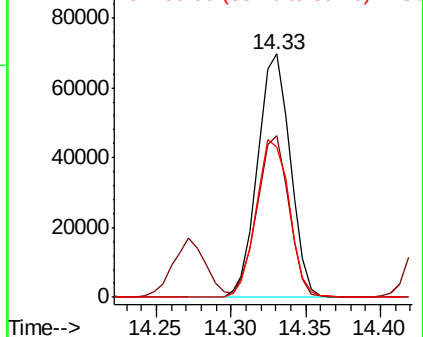
89 61.7 50.4 75.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 96.632 ng

RT: 14.82 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BG040994.D

Acq: 1 Jun 2019 2:51

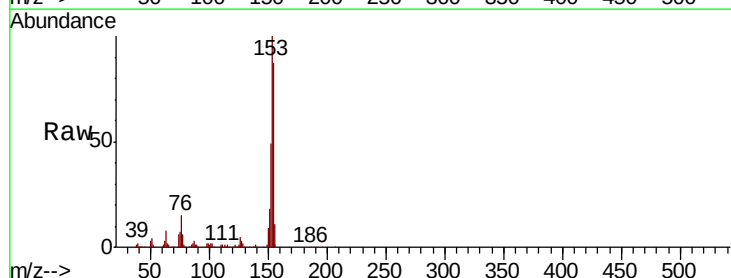
Tgt Ion:154 Resp: 330210

Ion Ratio Lower Upper

154 100

153 114.4 88.6 133.0

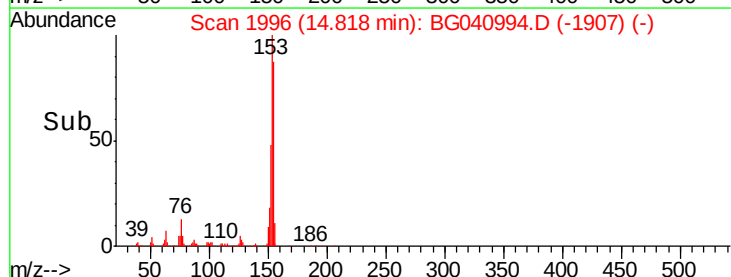
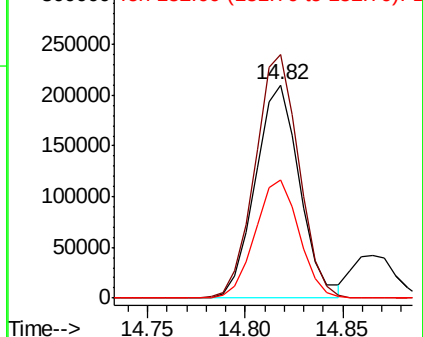
152 55.5 44.2 66.4

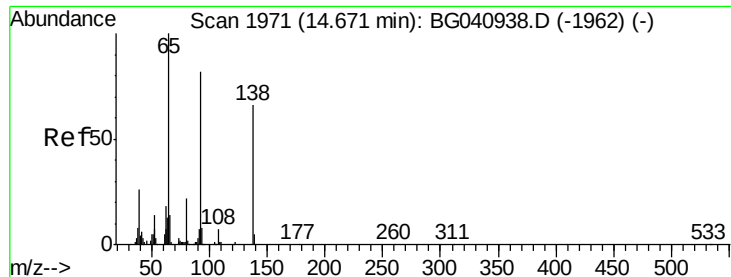


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 69.160 ng

RT: 14.66 min Scan# 1969

Delta R.T. -0.01 min

Lab File: BG040994.D

Acq: 1 Jun 2019 2:51

Instrument :

BNA_G

ClientSampleId :

PB120101BS

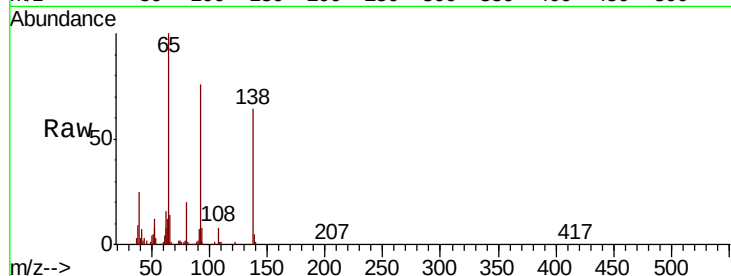
Tot Ion:138 Resp: 74444

Ion Ratio Lower Upper

138 100

108 12.8 8.5 12.7#

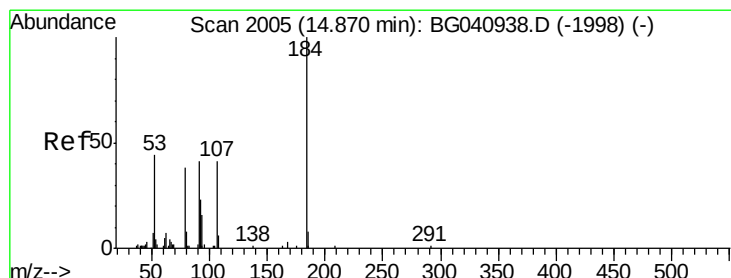
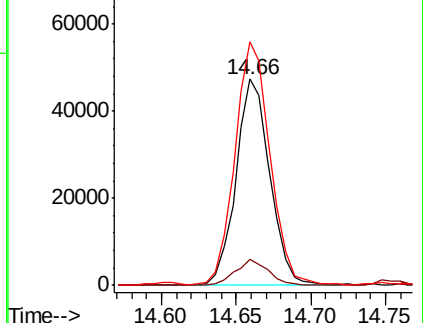
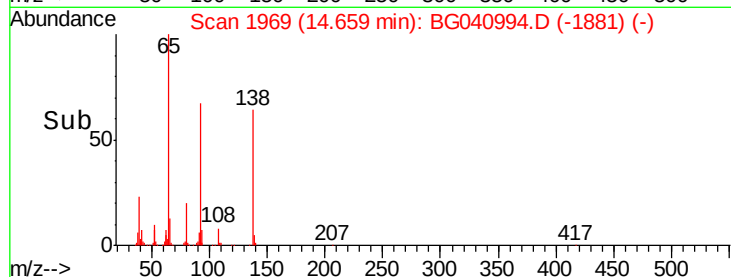
92 118.0 99.0 148.6



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: 150.760 ng

RT: 14.87 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BG040994.D

Acq: 1 Jun 2019 2:51

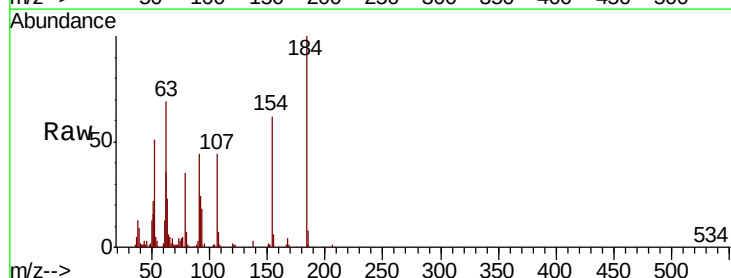
Tgt Ion:184 Resp: 114967

Ion Ratio Lower Upper

184 100

63 69.5 49.8 74.6

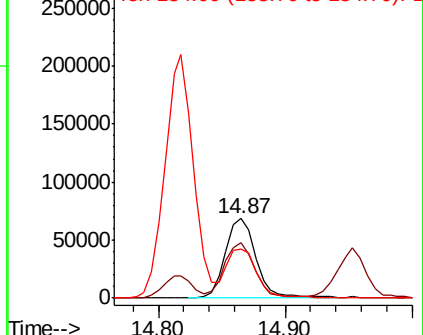
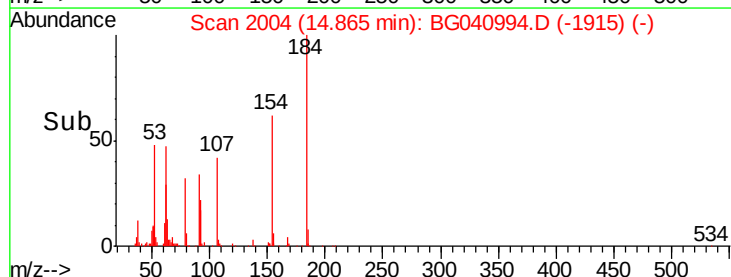
154 61.7 52.2 78.4

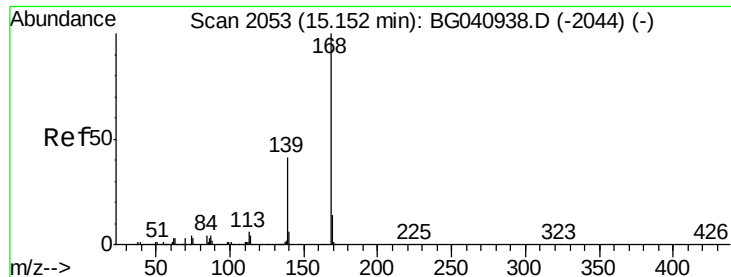


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

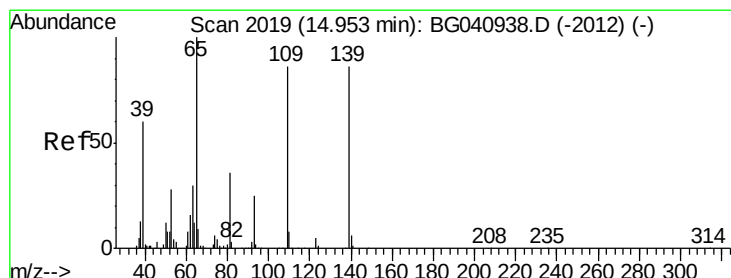
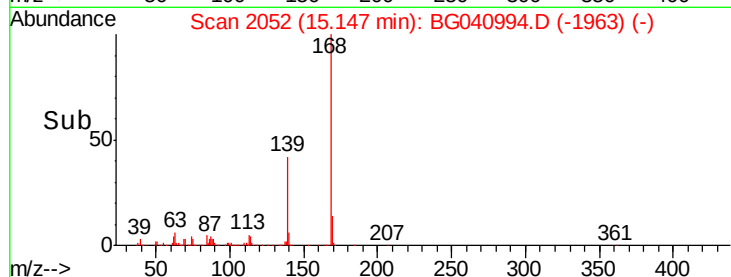
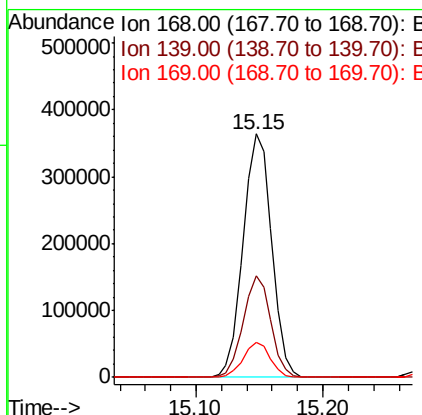
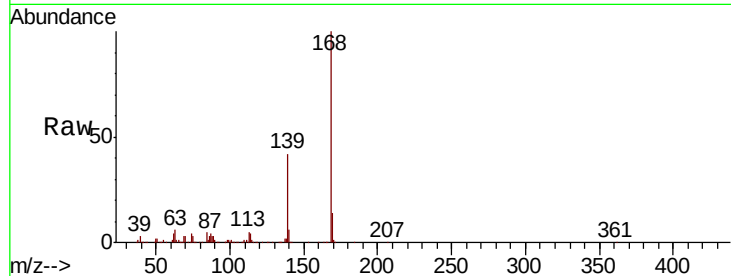




#55
Dibenzofuran
Concen: 98.802 ng
RT: 15.15 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BG040994.D
Acq: 1 Jun 2019 2:51

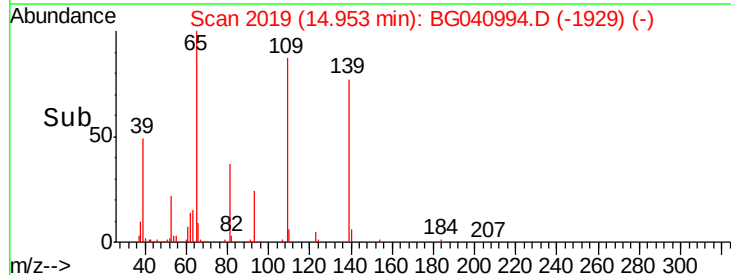
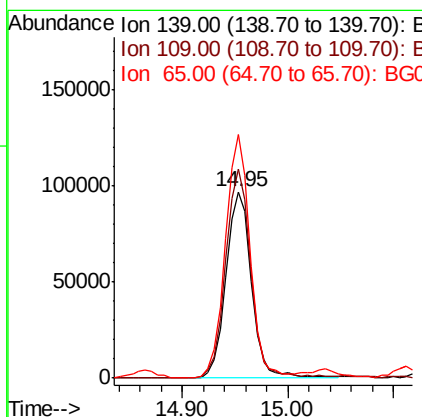
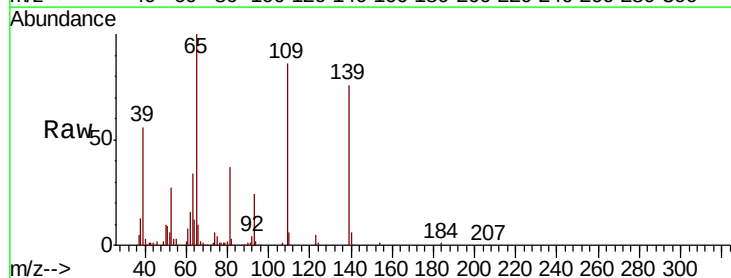
Instrument :
BNA_G
ClientSampleId :
PB120101BS

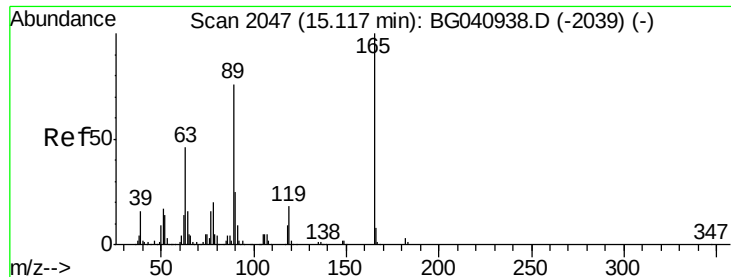
Tot Ion	Ratio	Lower	Upper
168	100		
139	41.9	32.8	49.2
169	14.3	11.3	16.9



#56
4-Nitrophenol
Concen: 219.435 ng
RT: 14.95 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BG040994.D
Acq: 1 Jun 2019 2:51

Tgt Ion	Ratio	Lower	Upper
139	100		
109	112.4	79.6	119.6
65	130.8	96.9	136.9

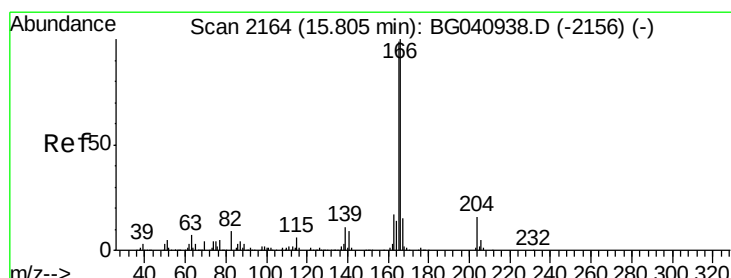
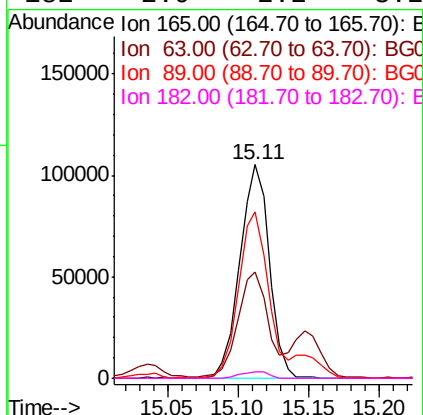
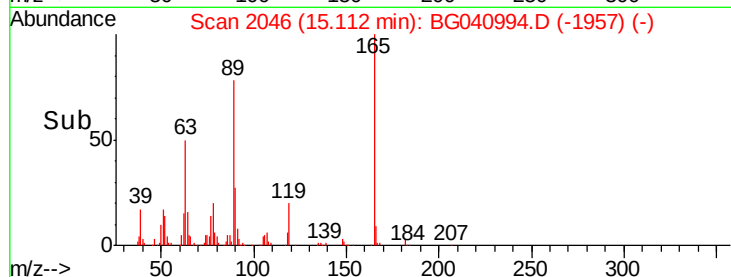
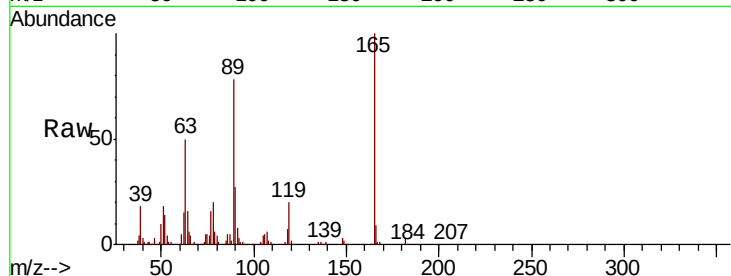




#57
2,4-Dinitrotoluene
Concen: 100.727 ng
RT: 15.11 min Scan# 2046
Delta R.T. -0.01 min
Lab File: BG040994.D
Acq: 1 Jun 2019 2:51

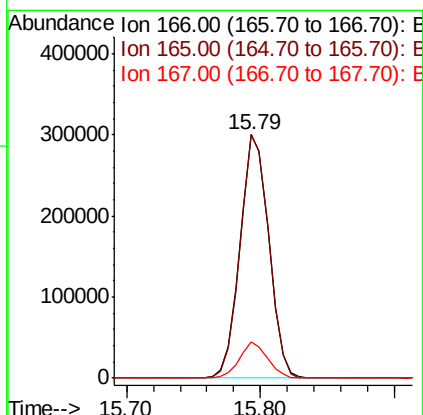
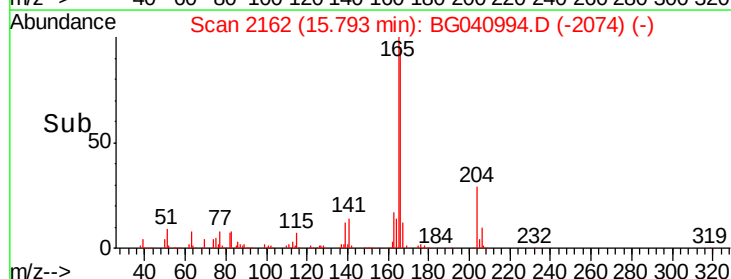
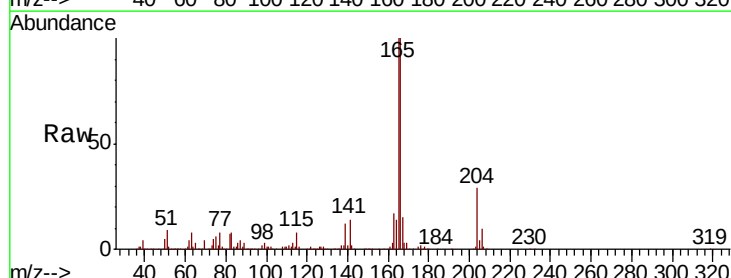
Instrument :
BNA_G
ClientSampleId :
PB120101BS

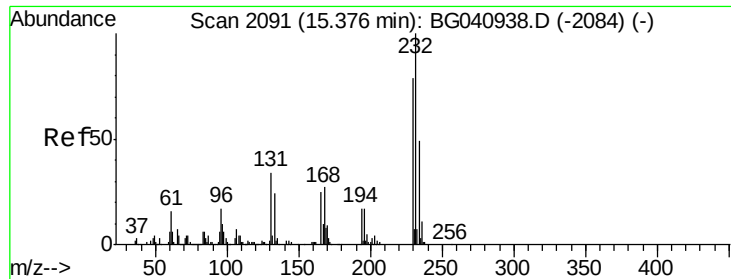
Tot Ion:165 Resp: 153162
Ion Ratio Lower Upper
165 100
63 50.0 37.3 55.9
89 77.8 61.0 91.6
182 2.9 2.2 3.2



#58
Fluorene
Concen: 97.347 ng
RT: 15.79 min Scan# 2162
Delta R.T. -0.01 min
Lab File: BG040994.D
Acq: 1 Jun 2019 2:51

Tgt Ion:166 Resp: 445769
Ion Ratio Lower Upper
166 100
165 99.8 79.2 118.8
167 14.8 11.8 17.6

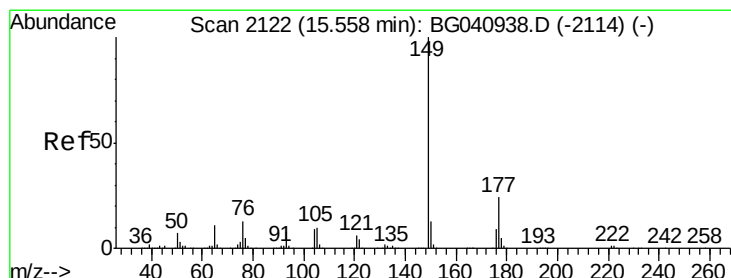
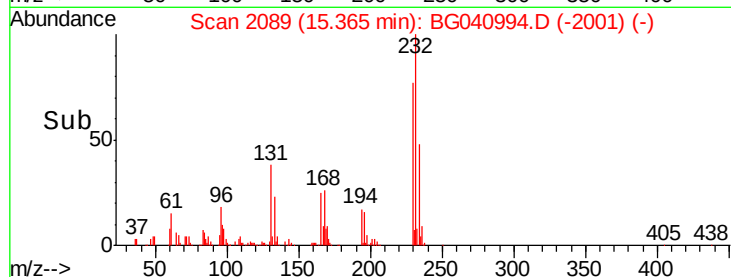
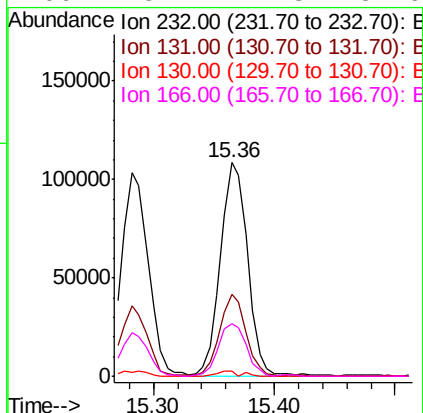
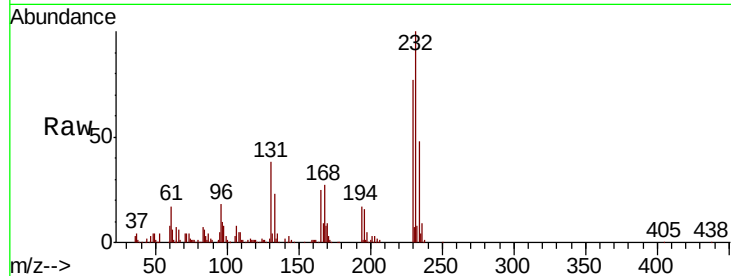




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 107.004 ng
 RT: 15.36 min Scan# 2089
 Delta R.T. -0.01 min
 Lab File: BG040994.D
 Acq: 1 Jun 2019 2:51

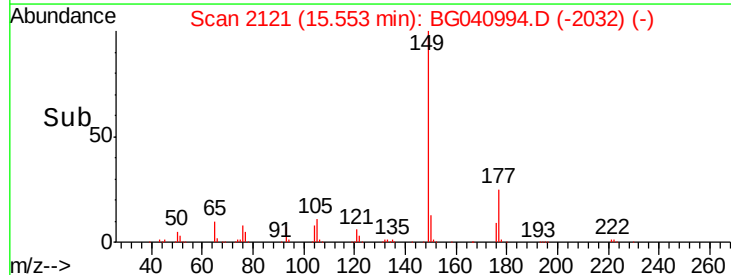
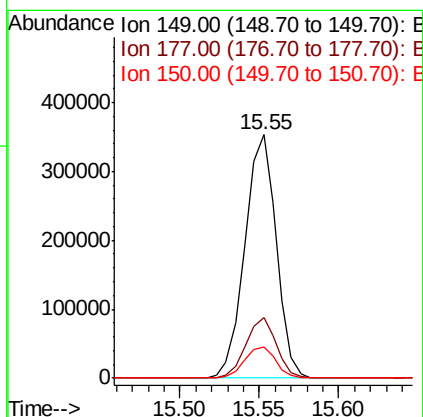
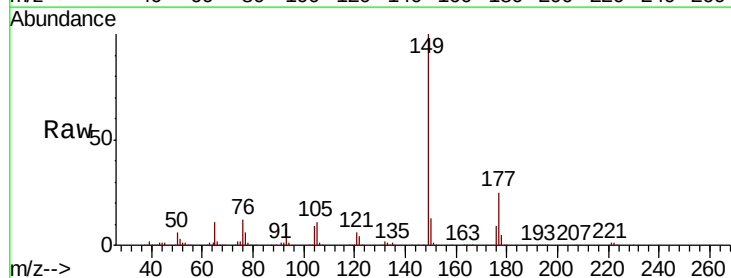
Instrument :
 BNA_G
 ClientSampleId :
 PB120101BS

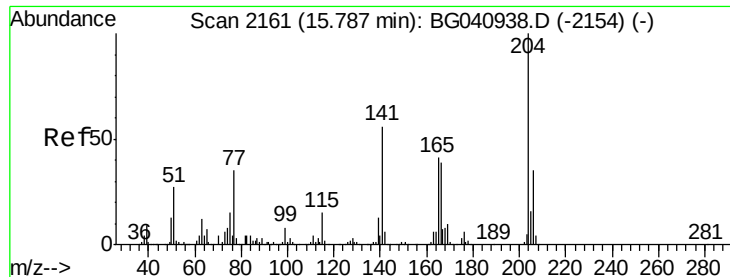
Tot Ion:	232	Resp:	170549
Ion	Ratio	Lower	Upper
232	100		
131	36.3	30.3	45.5
130	2.0	1.8	2.8
166	25.7	21.3	31.9



#60
 Diethylphthalate
 Concen: 95.138 ng
 RT: 15.55 min Scan# 2121
 Delta R.T. -0.01 min
 Lab File: BG040994.D
 Acq: 1 Jun 2019 2:51

Tgt Ion:	149	Resp:	484737
Ion	Ratio	Lower	Upper
149	100		
177	24.7	19.4	29.0
150	12.9	10.3	15.5

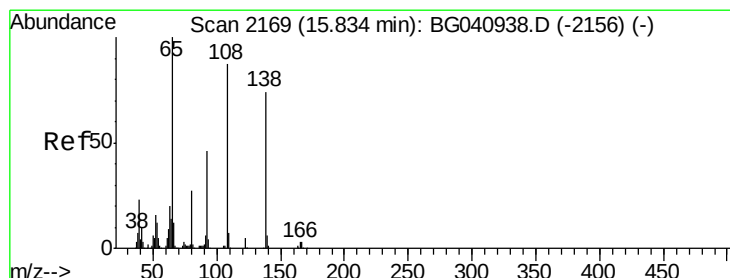
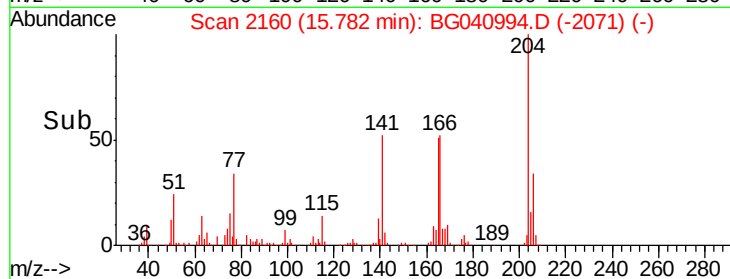
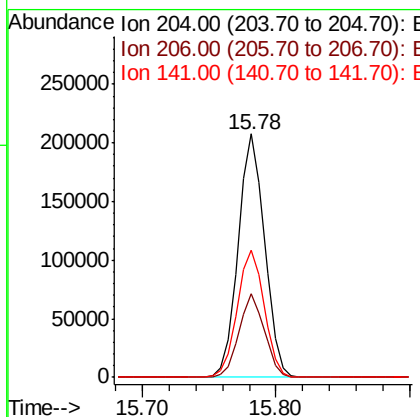
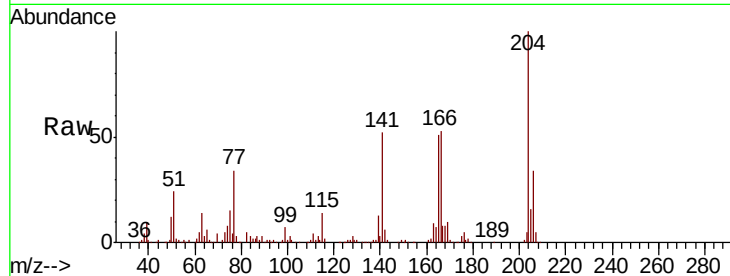




#61
4-Chlorophenyl-phenylether
Concen: 95.456 ng
RT: 15.78 min Scan# 2160
Delta R.T. -0.01 min
Lab File: BG040994.D
Acq: 1 Jun 2019 2:51

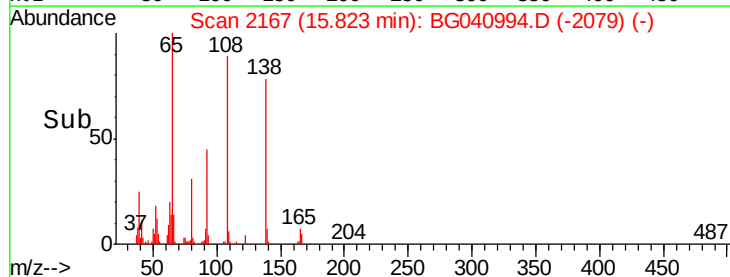
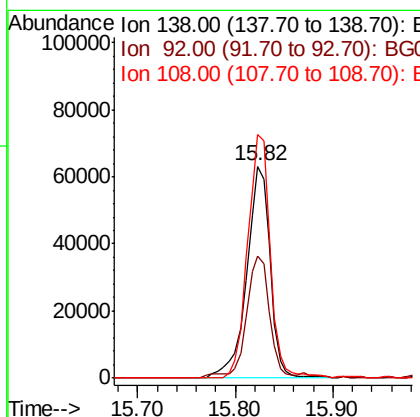
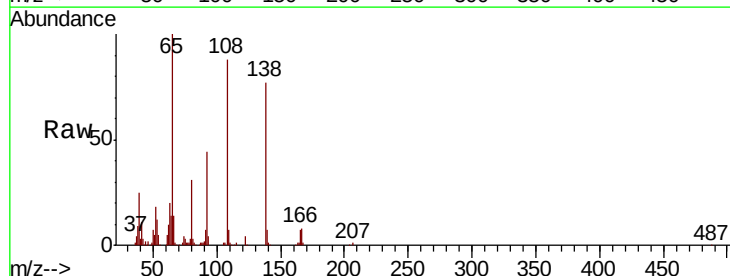
Instrument :
BNA_G
ClientSampleId :
PB120101BS

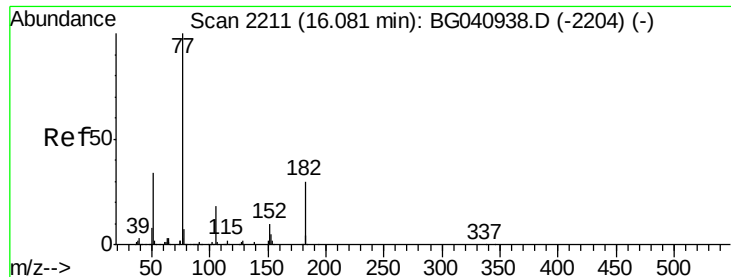
Tot Ion:204 Resp: 284114
Ion Ratio Lower Upper
204 100
206 34.3 27.6 41.4
141 52.2 45.1 67.7



#62
4-Nitroaniline
Concen: 94.032 ng
RT: 15.82 min Scan# 2167
Delta R.T. -0.01 min
Lab File: BG040994.D
Acq: 1 Jun 2019 2:51

Tgt Ion:138 Resp: 107156
Ion Ratio Lower Upper
138 100
92 57.7 42.4 82.4
108 114.8 96.9 136.9





#63

Azobenzene

Concen: 98.191 ng

RT: 16.08 min Scan# 2210

Delta R.T. -0.01 min

Lab File: BG040994.D

Acq: 1 Jun 2019 2:51

Instrument :

BNA_G

ClientSampleId :

PB120101BS

Tot Ion: 77 Resp: 454708

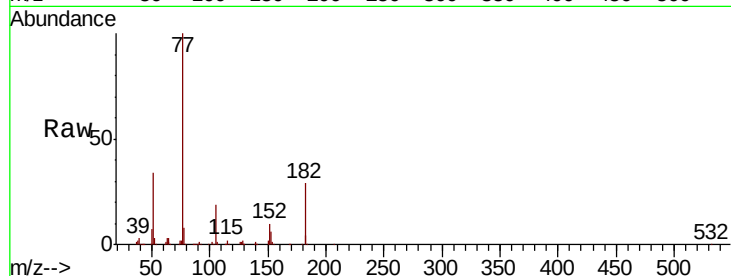
Ion Ratio Lower Upper

77 100

182 29.1 9.6 49.6

105 19.4 0.0 37.5

51 34.5 13.7 53.7

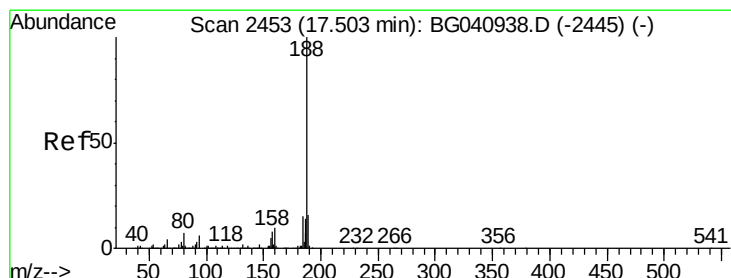
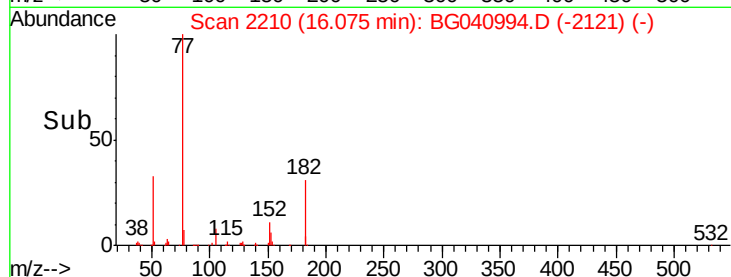
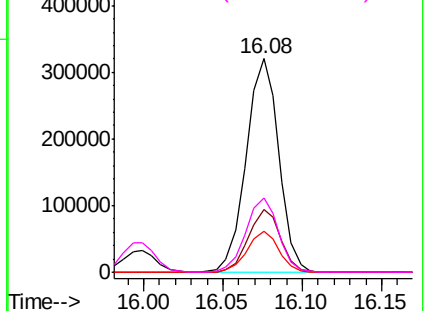


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.50 min Scan# 2452

Delta R.T. -0.01 min

Lab File: BG040994.D

Acq: 1 Jun 2019 2:51

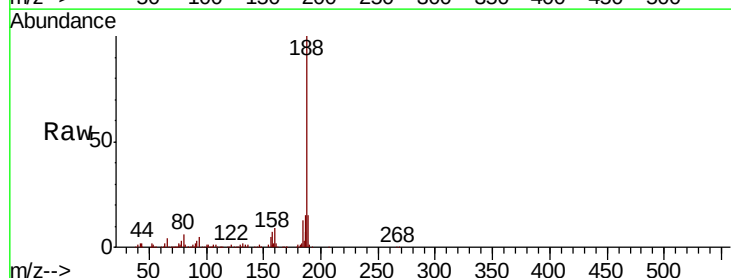
Tgt Ion: 188 Resp: 152166

Ion Ratio Lower Upper

188 100

94 5.4 4.7 7.1

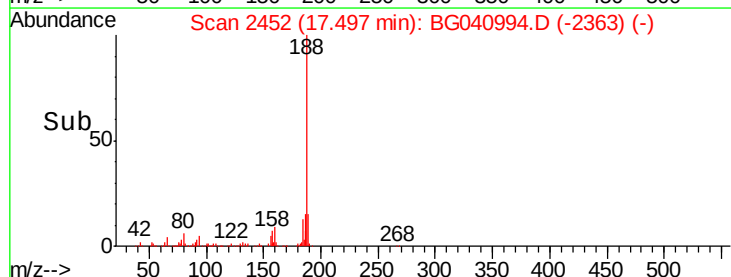
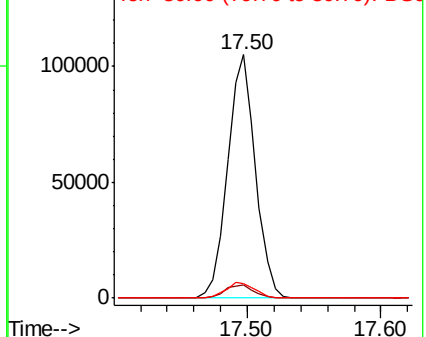
80 6.2 5.8 8.8

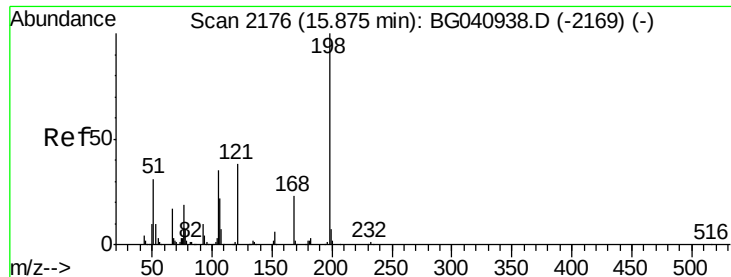


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 94.209 ng

RT: 15.87 min Scan# 2175

Delta R.T. -0.01 min

Lab File: BG040994.D

Acq: 1 Jun 2019 2:51

Instrument :

BNA_G

ClientSampleId :

PB120101BS

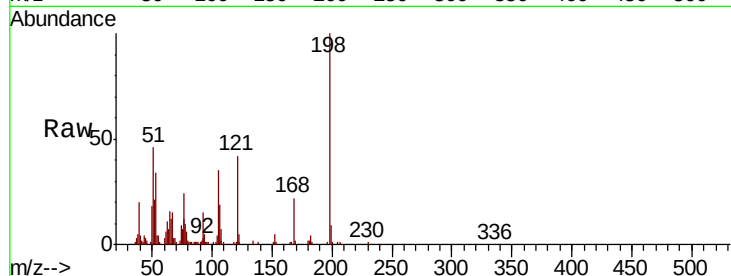
Tot Ion:198 Resp: 85030

Ion Ratio Lower Upper

198 100

51 46.1 21.6 61.6

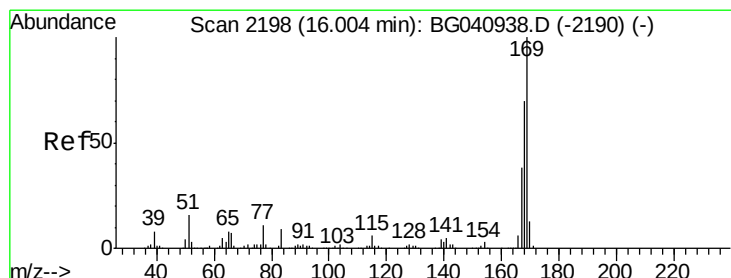
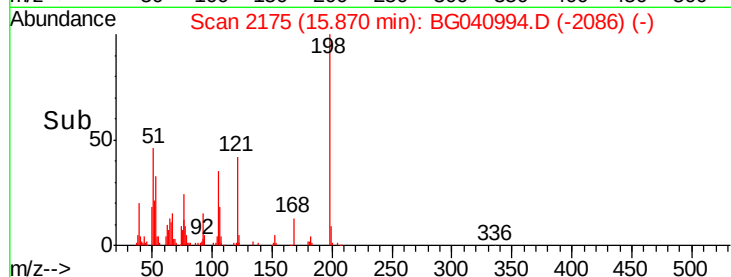
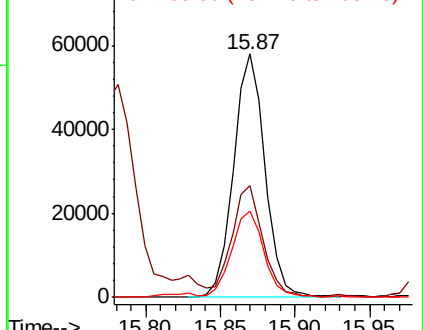
105 35.2 17.5 57.5



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: 96.942 ng

RT: 16.00 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BG040994.D

Acq: 1 Jun 2019 2:51

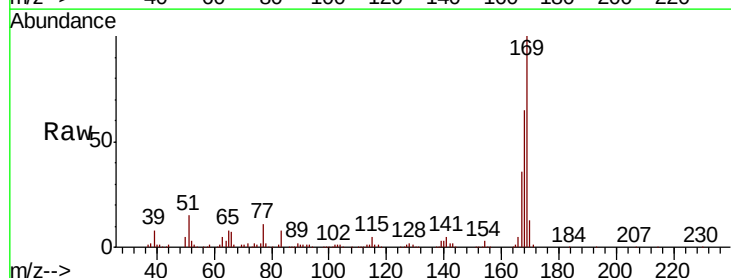
Tgt Ion:169 Resp: 414677

Ion Ratio Lower Upper

169 100

168 65.3 55.7 83.5

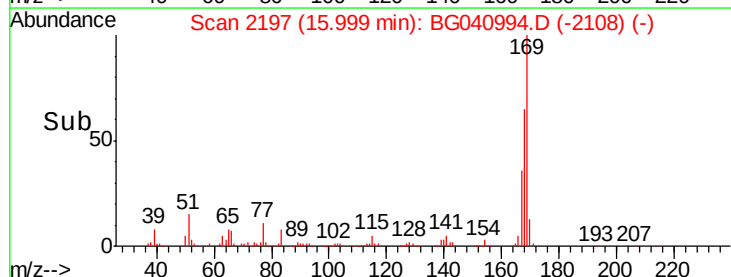
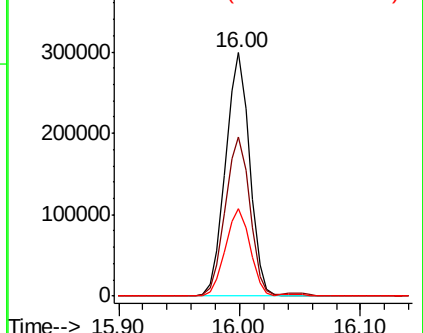
167 36.0 30.2 45.2

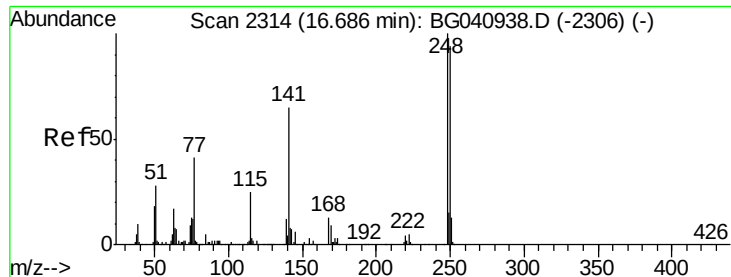


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

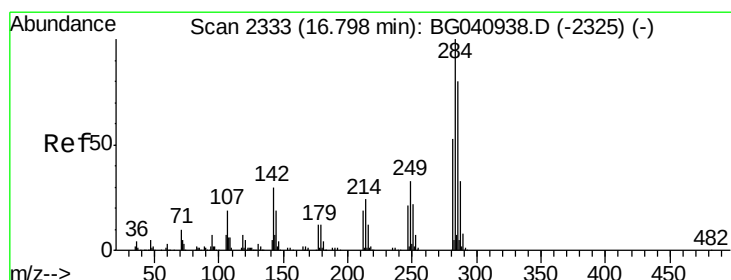
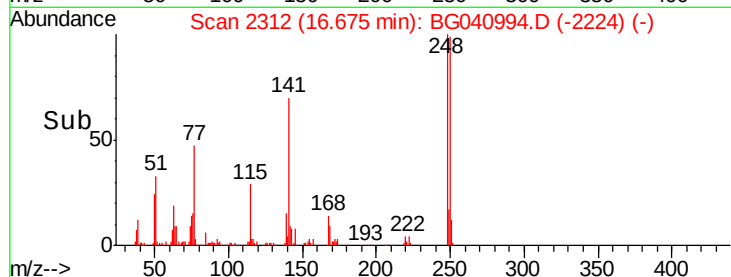
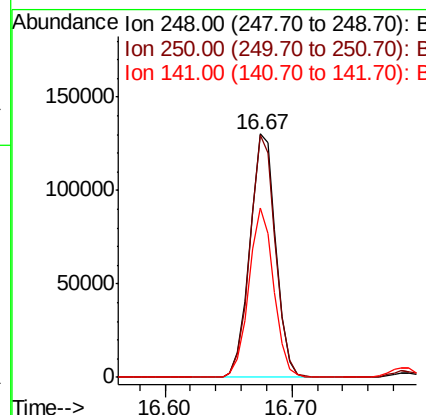
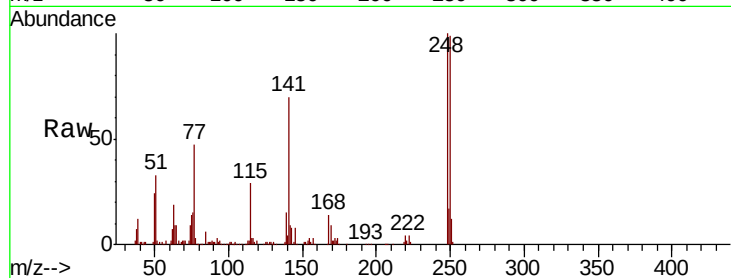




#67
4-Bromophenyl-phenylether
Concen: 89.767 ng
RT: 16.67 min Scan# 2312
Delta R.T. -0.01 min
Lab File: BG040994.D
Acq: 1 Jun 2019 2:51

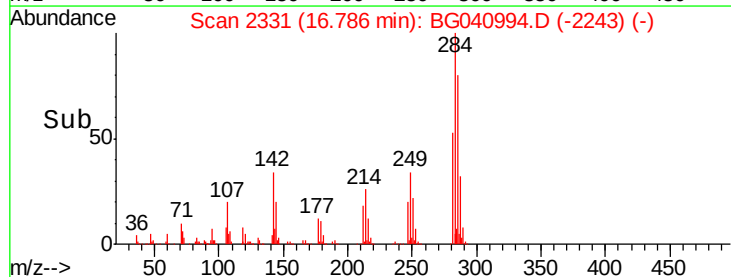
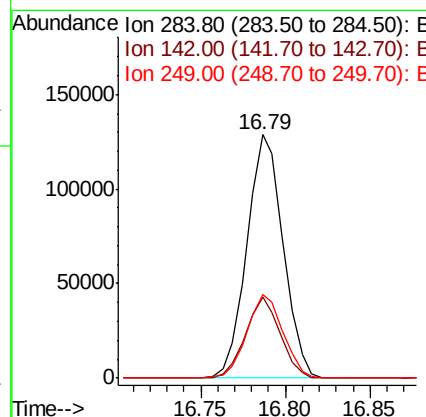
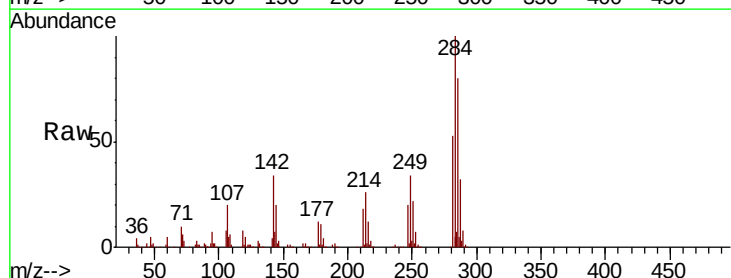
Instrument :
BNA_G
ClientSampleId :
PB120101BS

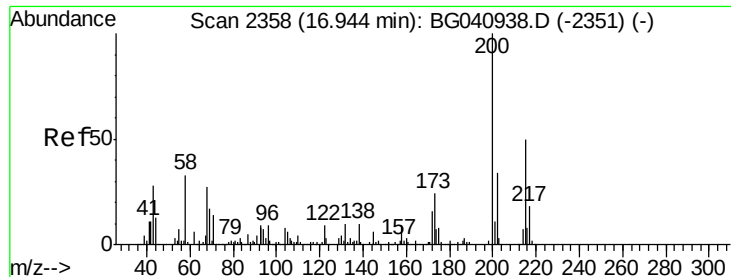
Tot Ion	Ratio	Lower	Upper
248	100		
250	99.4	75.0	112.4
141	69.8	52.4	78.6



#68
Hexachlorobenzene
Concen: 87.915 ng
RT: 16.79 min Scan# 2331
Delta R.T. -0.01 min
Lab File: BG040994.D
Acq: 1 Jun 2019 2:51

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.5	23.9	35.9
249	34.2	26.8	40.2





#69

Atrazine

Concen: 108.049 ng

RT: 16.94 min Scan# 2357

Delta R.T. -0.01 min

Lab File: BG040994.D

Acq: 1 Jun 2019 2:51

Instrument :

BNA_G

ClientSampleId :

PB120101BS

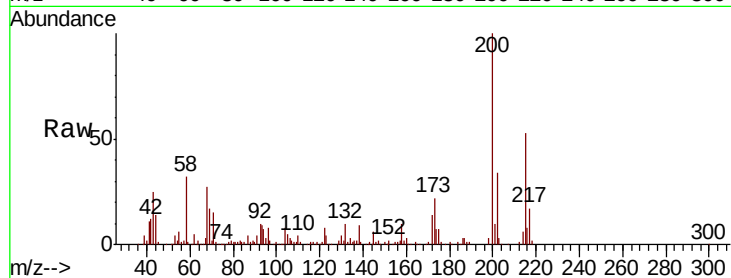
Tot Ion:200 Resp: 178337

Ion Ratio Lower Upper

200 100

173 22.0 3.6 43.6

215 53.0 29.6 69.6

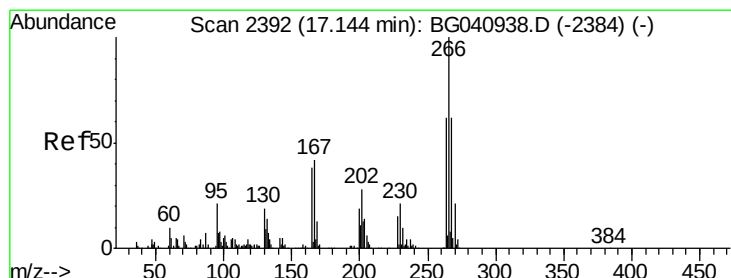
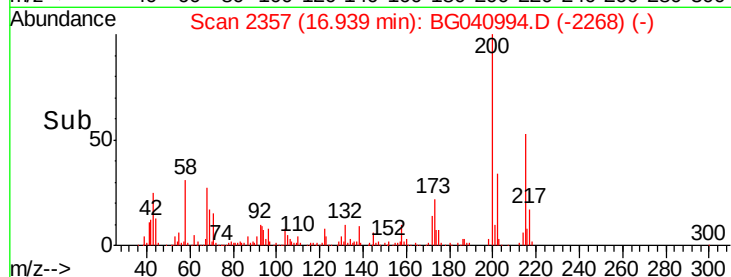
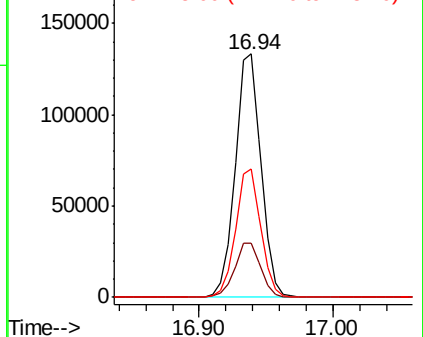


Abundance

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: 189.376 ng

RT: 17.13 min Scan# 2390

Delta R.T. -0.01 min

Lab File: BG040994.D

Acq: 1 Jun 2019 2:51

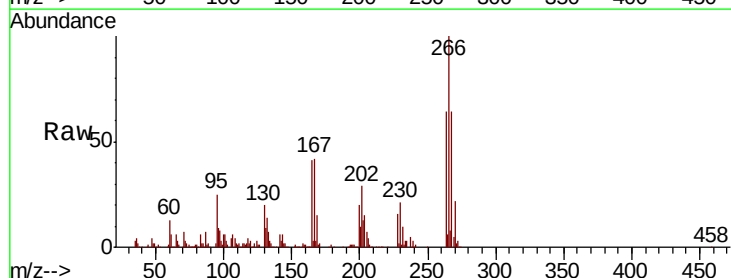
Tgt Ion:266 Resp: 229037

Ion Ratio Lower Upper

266 100

268 64.1 53.1 79.7

264 63.8 49.9 74.9

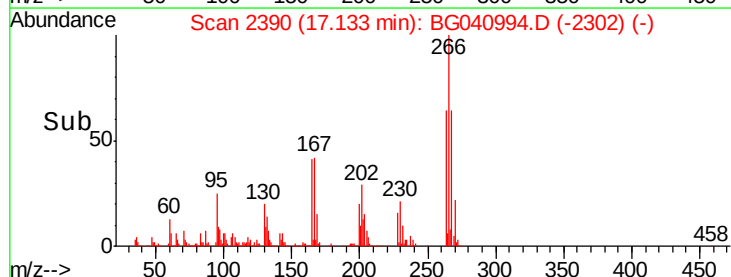
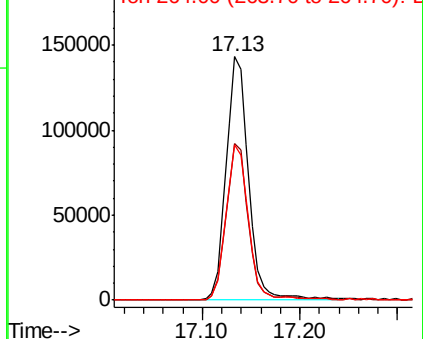


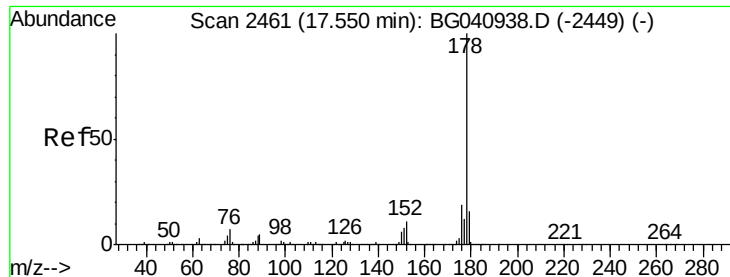
Abundance

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: 98.605 ng

RT: 17.54 min Scan# 2459

Delta R.T. -0.01 min

Lab File: BG040994.D

Acq: 1 Jun 2019 2:51

Instrument :

BNA_G

ClientSampleId :

PB120101BS

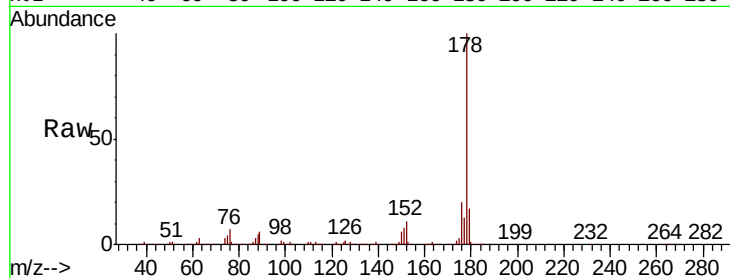
Tot Ion:178 Resp: 781550

Ion Ratio Lower Upper

178 100

176 20.1 15.5 23.3

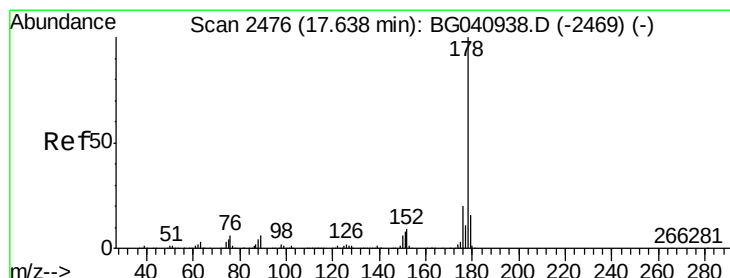
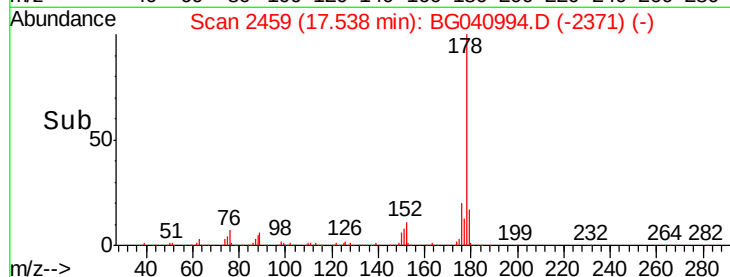
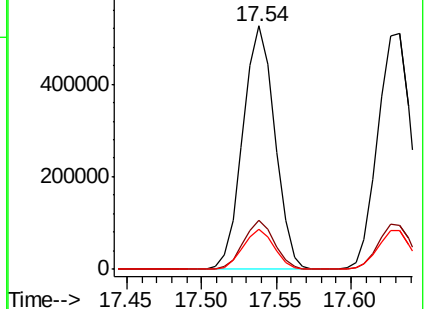
179 16.7 12.7 19.1



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: 101.978 ng

RT: 17.63 min Scan# 2475

Delta R.T. -0.01 min

Lab File: BG040994.D

Acq: 1 Jun 2019 2:51

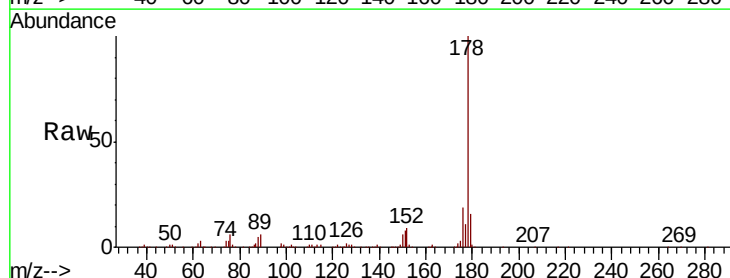
Tgt Ion:178 Resp: 797190

Ion Ratio Lower Upper

178 100

176 18.6 15.6 23.4

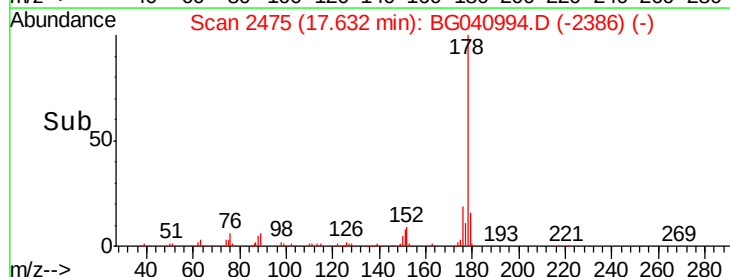
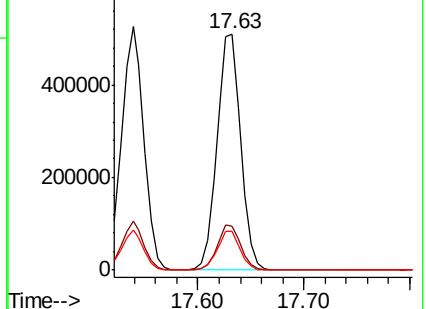
179 16.4 13.0 19.4

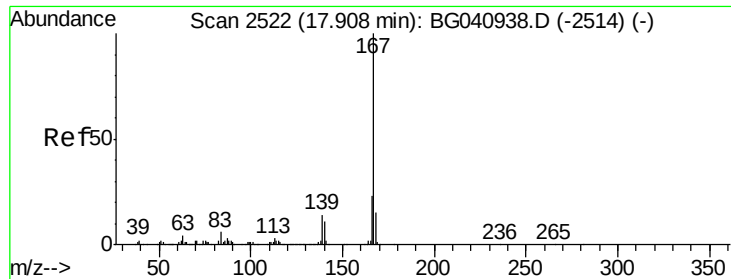


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

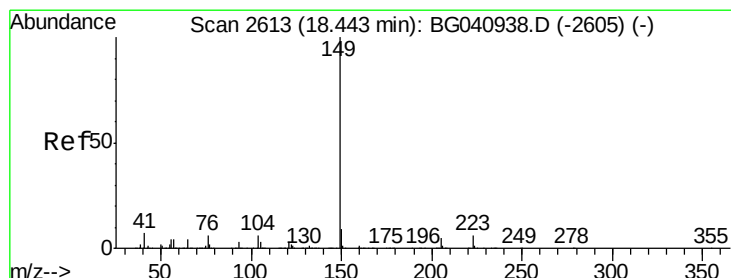
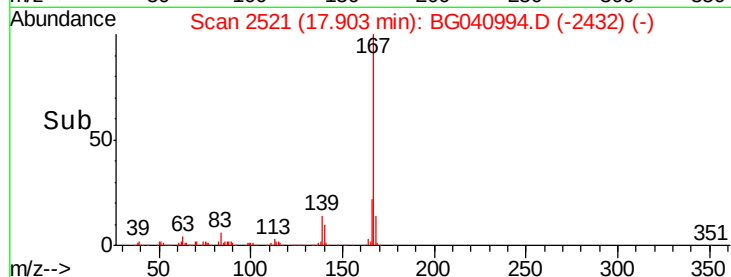
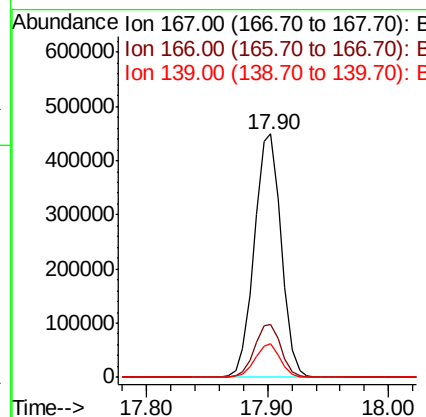
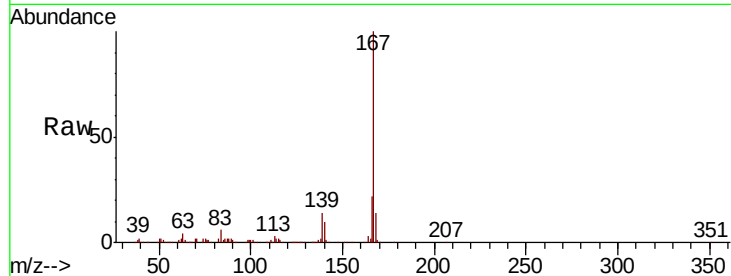




#73
 Carbazole
 Concen: 103.771 ng
 RT: 17.90 min Scan# 2521
 Delta R.T. -0.01 min
 Lab File: BG040994.D
 Acq: 1 Jun 2019 2:51

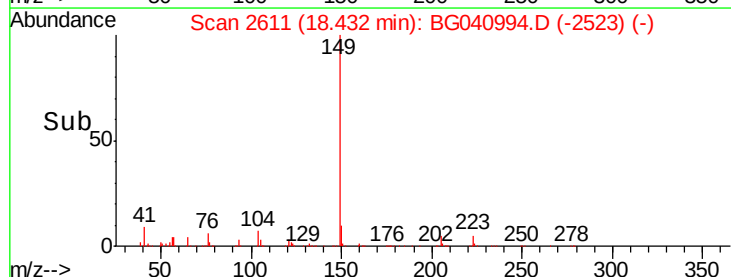
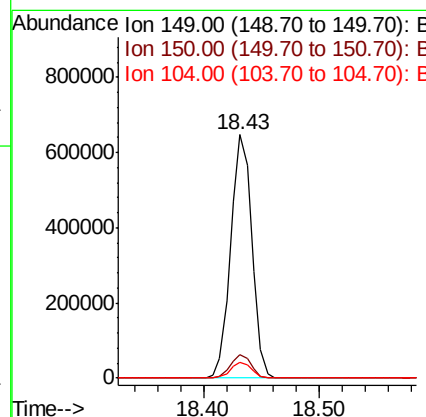
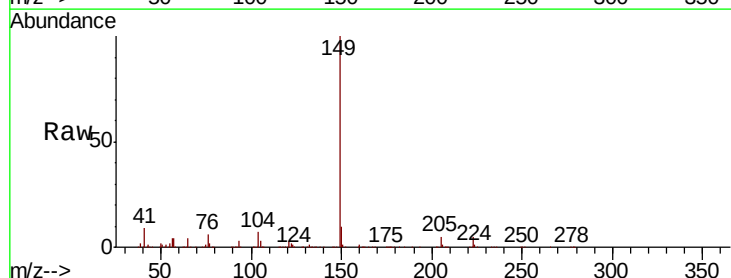
Instrument :
 BNA_G
 ClientSampleId :
 PB120101BS

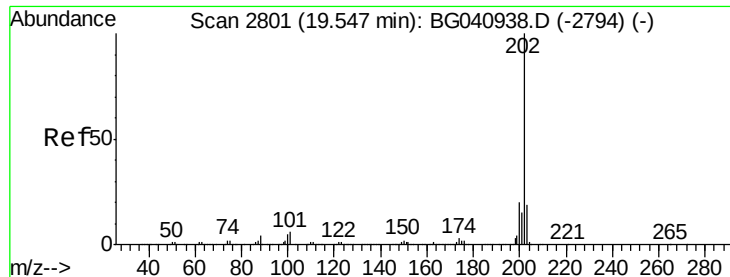
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.7	18.2	27.4
139	13.6	10.8	16.2



#74
 Di-n-butylphthalate
 Concen: 98.420 ng
 RT: 18.43 min Scan# 2611
 Delta R.T. -0.01 min
 Lab File: BG040994.D
 Acq: 1 Jun 2019 2:51

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.4	11.2
104	6.5	5.0	7.4





#75

Fluoranthene

Concen: 103.902 ng

RT: 19.54 min Scan# 2800

Delta R.T. -0.01 min

Lab File: BG040994.D

Acq: 1 Jun 2019 2:51

Instrument :

BNA_G

ClientSampleId :

PB120101BS

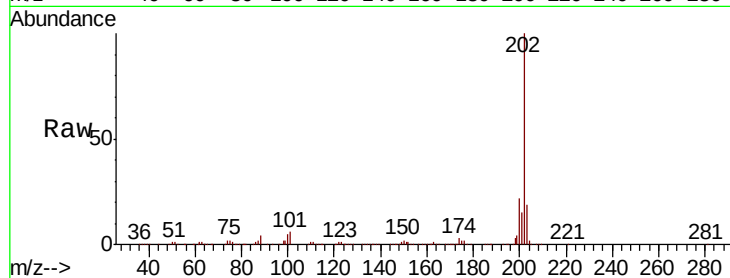
Tot Ion:202 Resp: 1017208

Ion Ratio Lower Upper

202 100

101 6.2 0.0 26.2

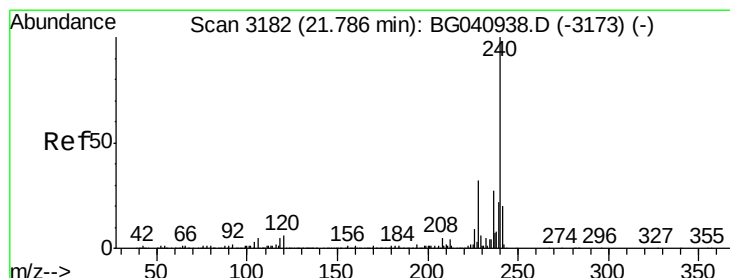
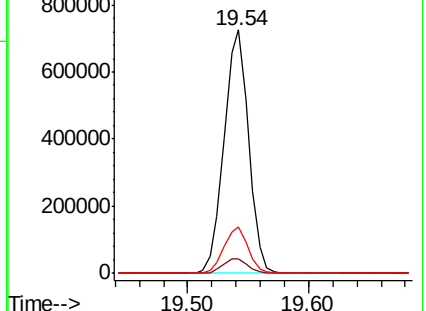
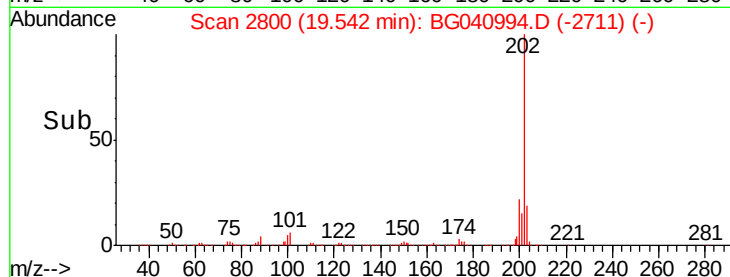
203 18.9 0.0 38.7



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# 3180

Delta R.T. -0.01 min

Lab File: BG040994.D

Acq: 1 Jun 2019 2:51

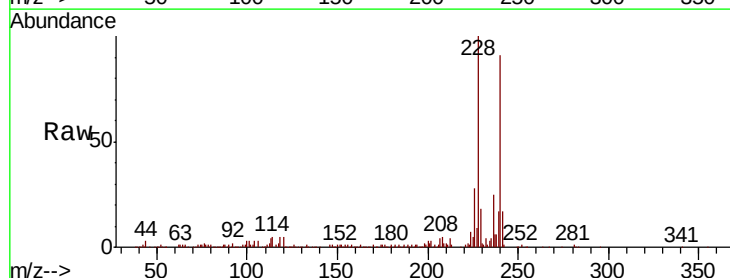
Tgt Ion:240 Resp: 158995

Ion Ratio Lower Upper

240 100

120 5.5 4.5 6.7

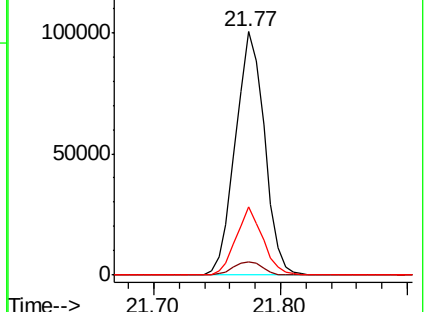
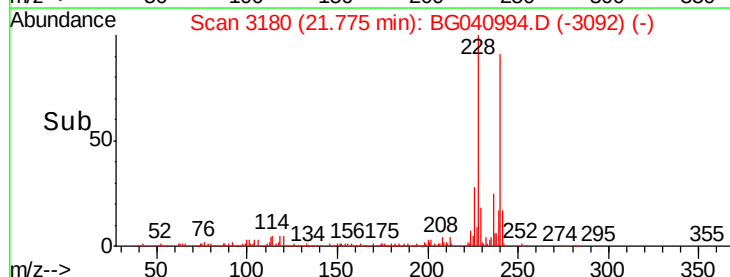
236 27.9 21.3 31.9

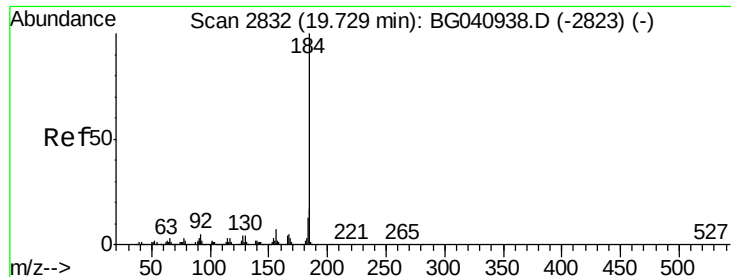


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 93.008 ng

RT: 19.72 min Scan# 2830

Delta R.T. -0.01 min

Lab File: BG040994.D

Acq: 1 Jun 2019 2:51

Instrument :

BNA_G

ClientSampleId :

PB120101BS

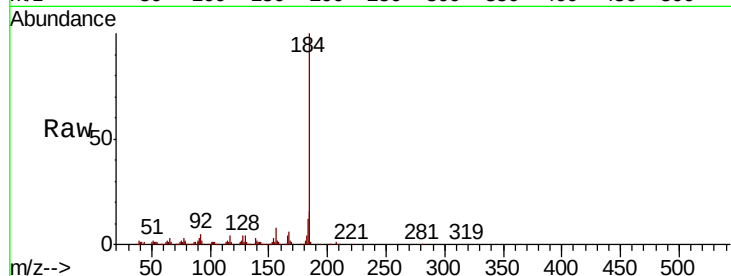
Tot Ion:184 Resp: 352768

Ion Ratio Lower Upper

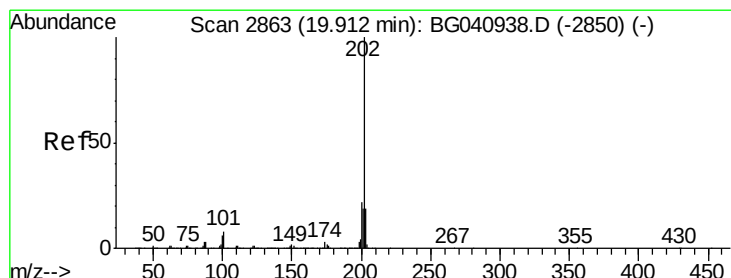
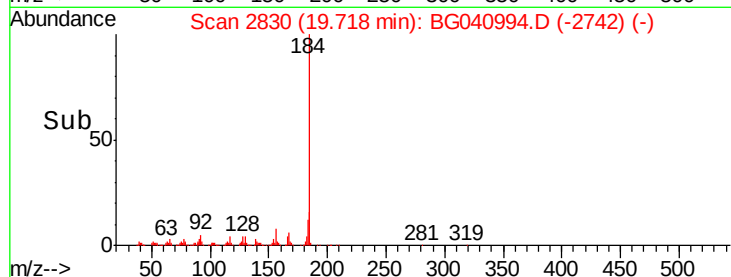
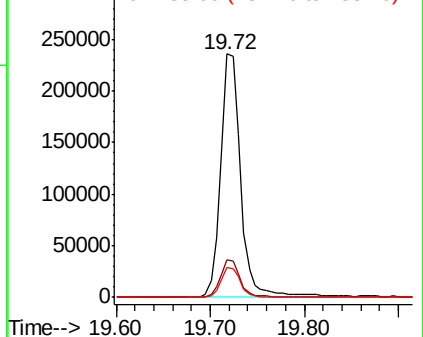
184 100

185 15.5 13.3 19.9

183 12.1 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: 98.606 ng

RT: 19.90 min Scan# 2861

Delta R.T. -0.01 min

Lab File: BG040994.D

Acq: 1 Jun 2019 2:51

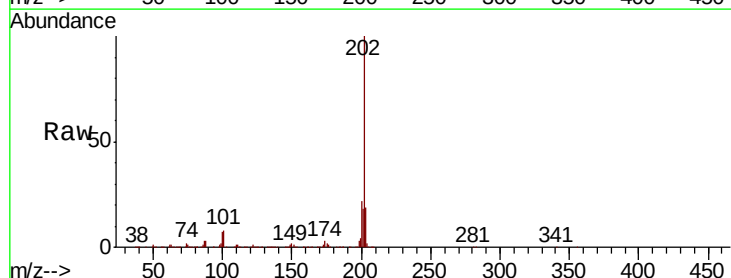
Tgt Ion:202 Resp: 1019162

Ion Ratio Lower Upper

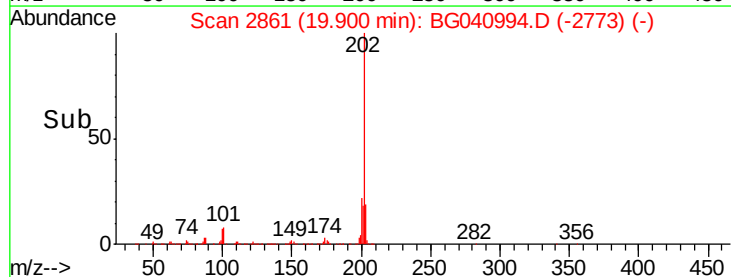
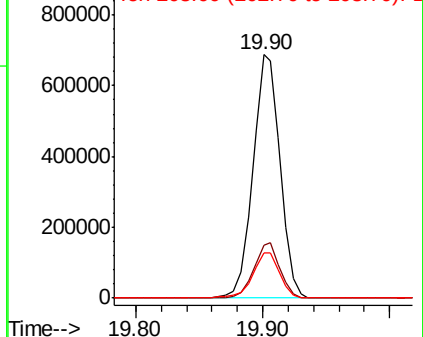
202 100

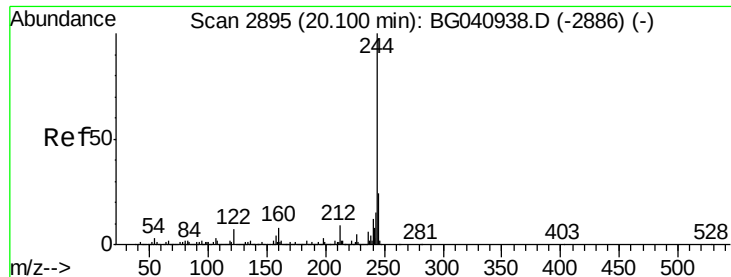
200 21.7 17.5 26.3

203 18.8 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: 106.469 ng

RT: 20.09 min Scan# 2893

Delta R.T. -0.01 min

Lab File: BG040994.D

Acq: 1 Jun 2019 2:51

Instrument :

BNA_G

ClientSampleId :

PB120101BS

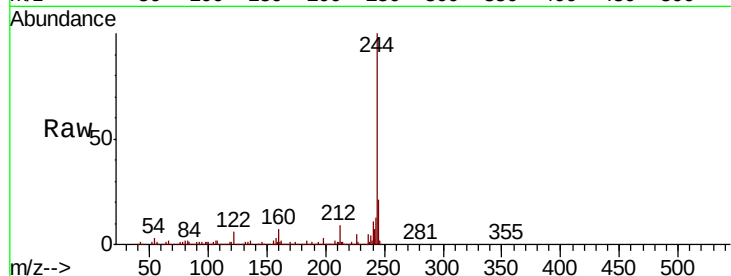
Tot Ion:244 Resp: 797612

Ion Ratio Lower Upper

244 100

212 8.6 7.0 10.4

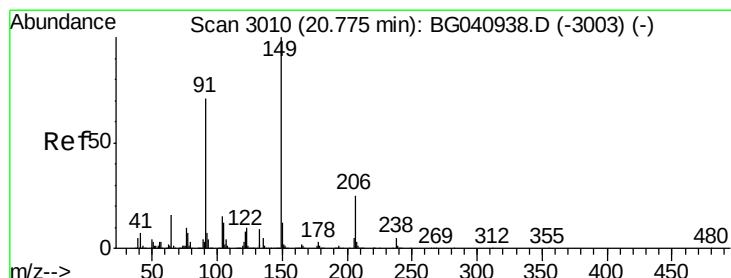
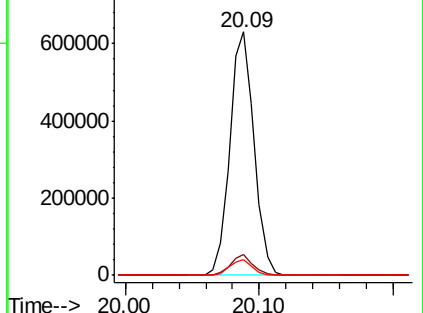
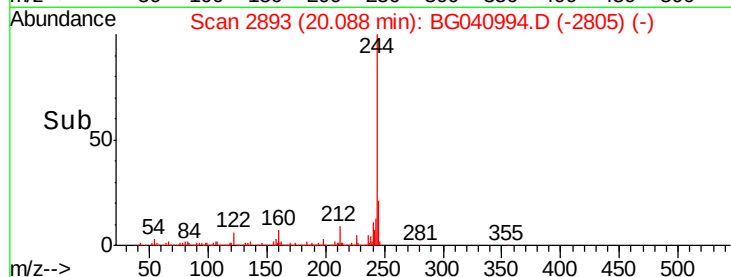
122 6.3 5.4 8.0



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: 93.482 ng

RT: 20.77 min Scan# 3009

Delta R.T. -0.01 min

Lab File: BG040994.D

Acq: 1 Jun 2019 2:51

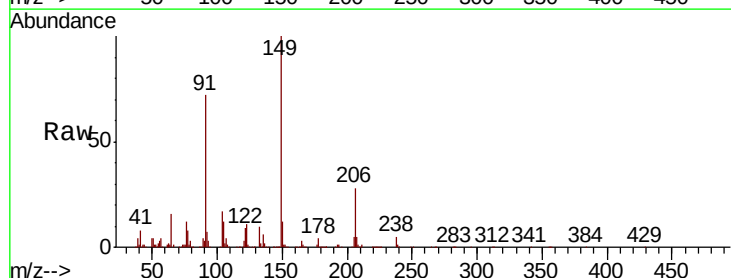
Tgt Ion:149 Resp: 376005

Ion Ratio Lower Upper

149 100

91 72.4 56.5 84.7

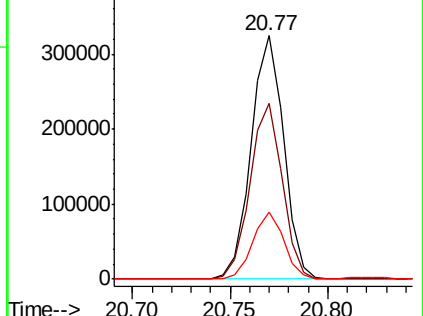
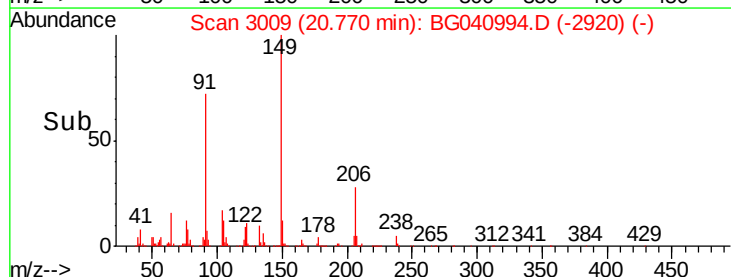
206 27.6 20.3 30.5

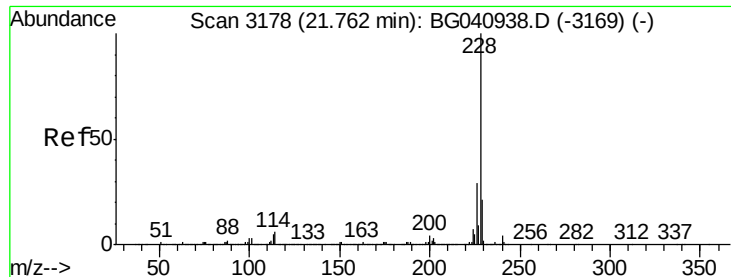


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 93.215 ng

RT: 21.76 min Scan# 3177

Delta R.T. -0.01 min

Lab File: BG040994.D

Acq: 1 Jun 2019 2:51

Instrument :

BNA_G

ClientSampleId :

PB120101BS

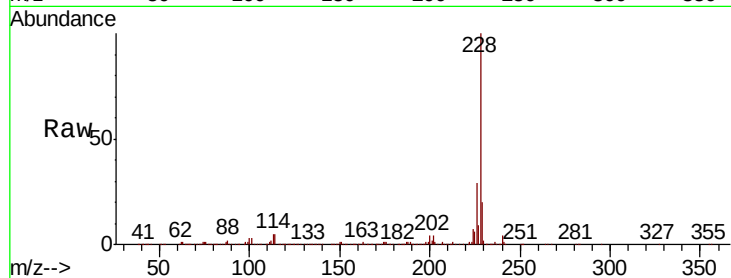
Tot Ion:228 Resp: 986560

Ion Ratio Lower Upper

228 100

226 28.5 23.5 35.3

229 20.2 16.7 25.1

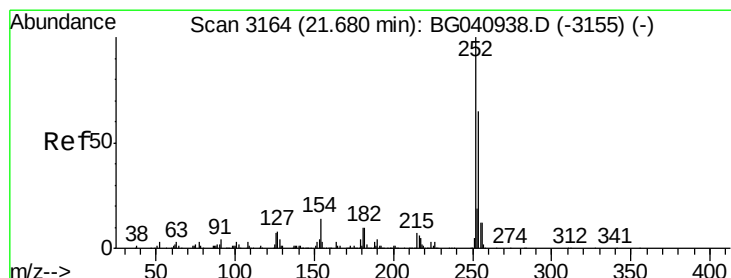
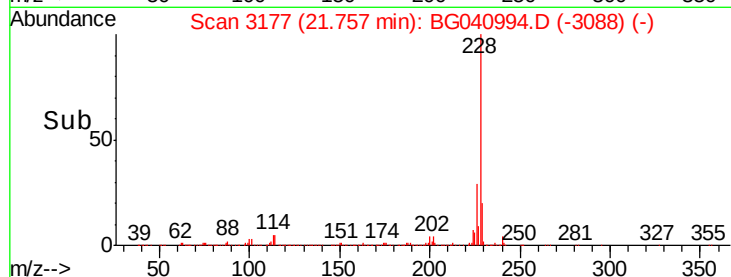
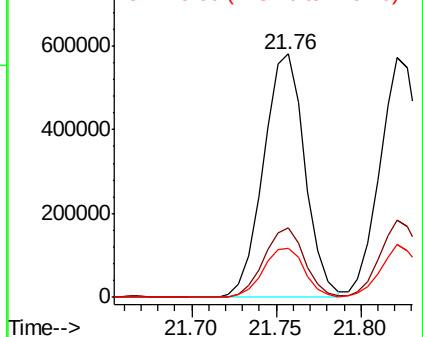


Abundance

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: 63.441 ng

RT: 21.67 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BG040994.D

Acq: 1 Jun 2019 2:51

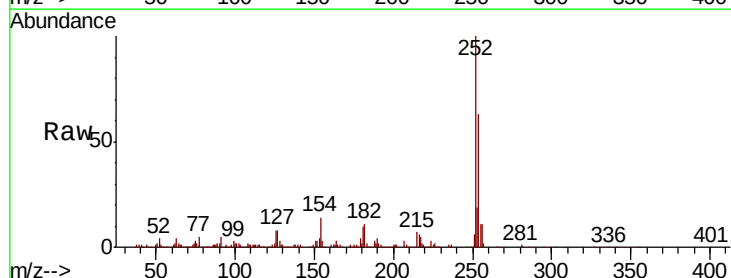
Tgt Ion:252 Resp: 236163

Ion Ratio Lower Upper

252 100

254 62.7 52.1 78.1

126 8.2 5.5 8.3

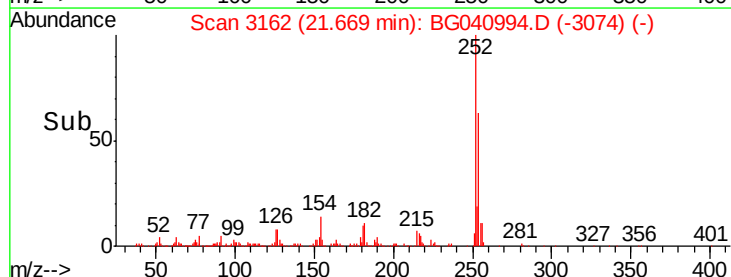
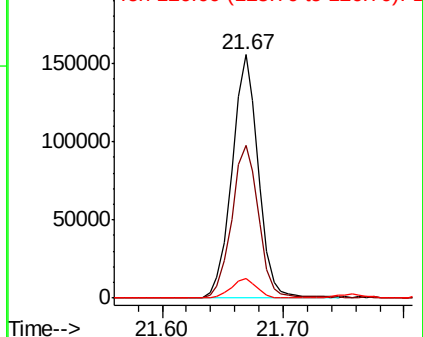


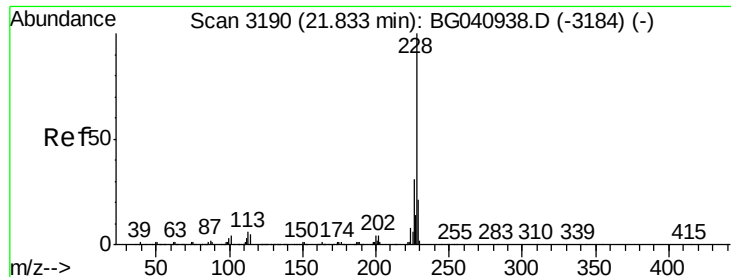
Abundance

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: 96.747 ng

RT: 21.82 min Scan# 3188

Delta R.T. -0.01 min

Lab File: BG040994.D

Acq: 1 Jun 2019 2:51

Instrument :

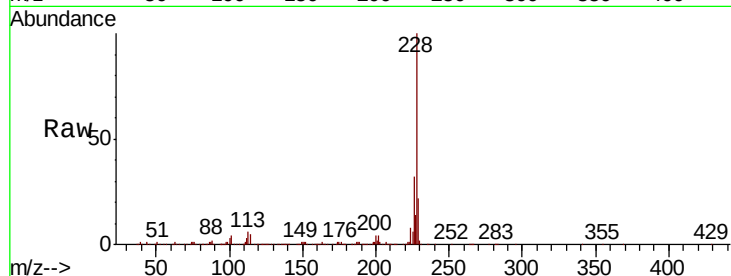
BNA_G

ClientSampleId :

PB120101BS

Tot Ion:228 Resp: 979868

Ion	Ratio	Lower	Upper
228	100		
226	32.4	24.6	37.0
229	21.8	16.6	24.8

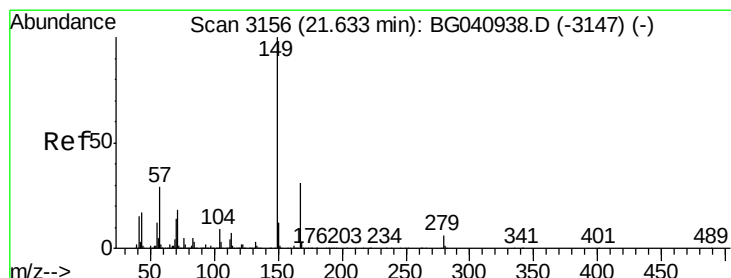
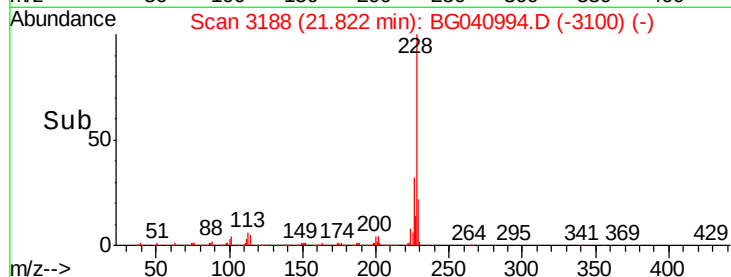
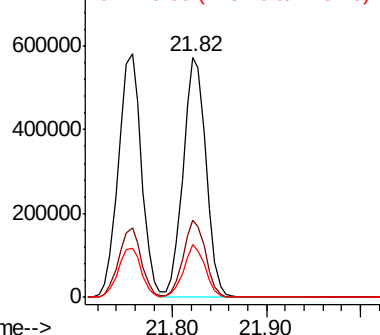


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 91.677 ng

RT: 21.63 min Scan# 3155

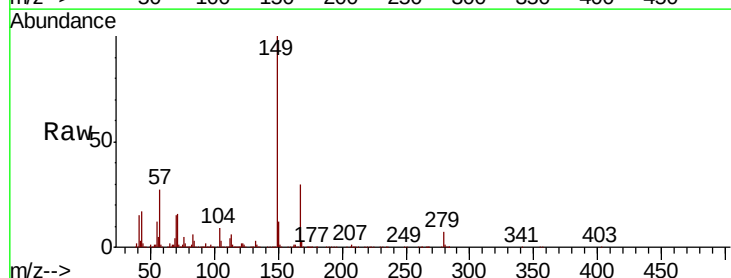
Delta R.T. -0.01 min

Lab File: BG040994.D

Acq: 1 Jun 2019 2:51

Tgt Ion:149 Resp: 519087

Ion	Ratio	Lower	Upper
149	100		
167	30.3	24.6	37.0
279	6.7	5.0	7.6

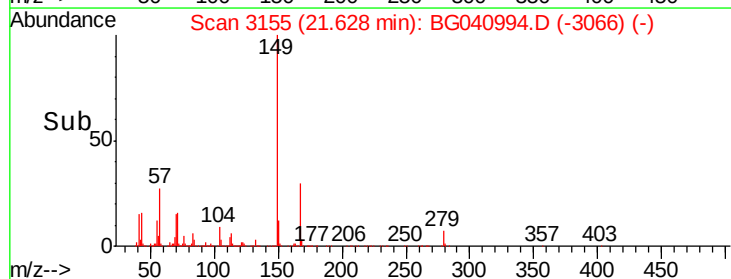
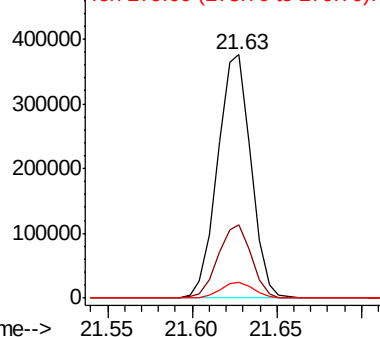


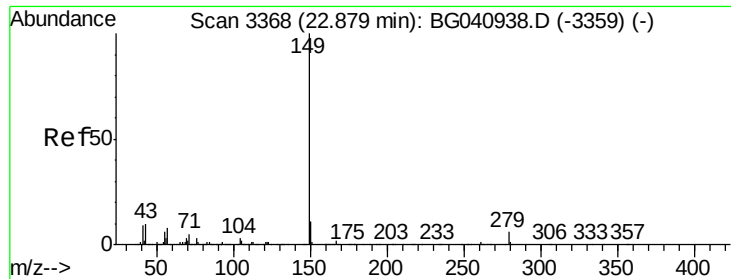
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

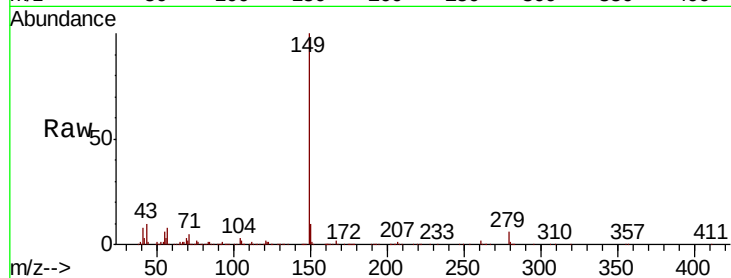




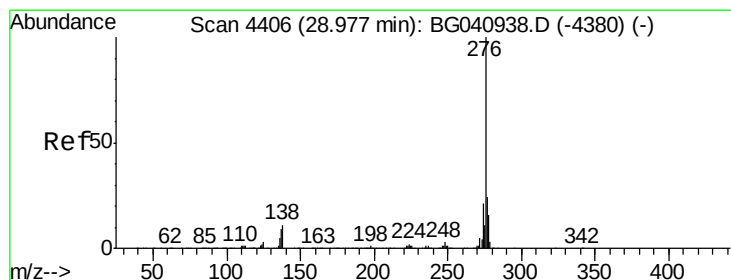
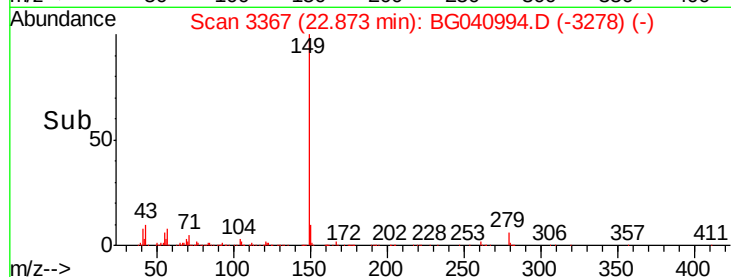
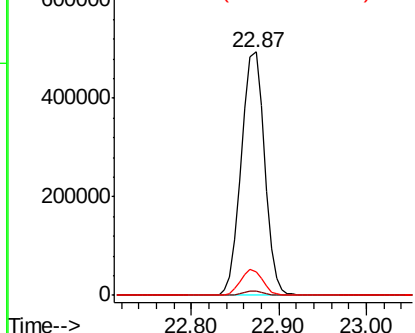
#85
Di-n-octyl phthalate
Concen: 93.475 ng
RT: 22.87 min Scan# 3367
Delta R.T. -0.01 min
Lab File: BG040994.D
Acq: 1 Jun 2019 2:51

Instrument :
BNA_G
ClientSampleId :
PB120101BS

Tot Ion:149 Resp: 881471
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.0
43 10.2 8.1 12.1

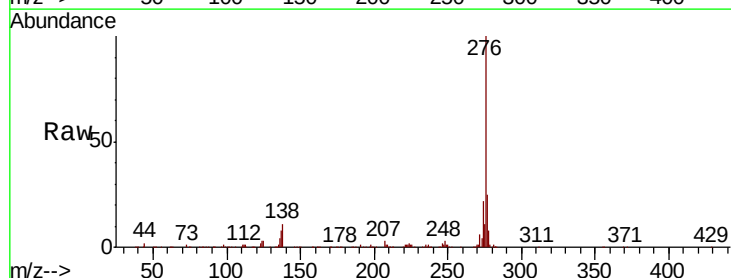


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

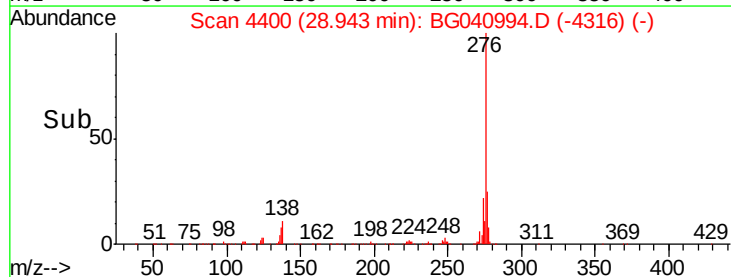
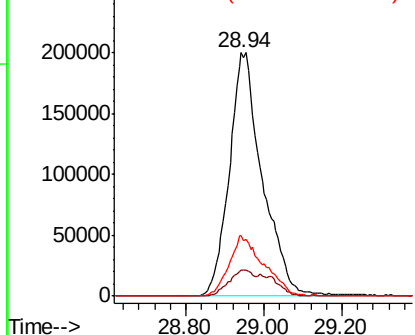


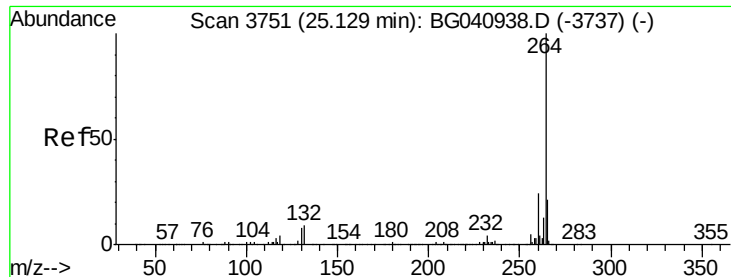
#86
Indeno(1,2,3-cd)pyrene
Concen: 94.925 ng
RT: 28.94 min Scan# 4400
Delta R.T. -0.03 min
Lab File: BG040994.D
Acq: 1 Jun 2019 2:51

Tgt Ion:276 Resp: 1177712
Ion Ratio Lower Upper
276 100
138 8.4 5.7 8.5
277 25.9 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: 25.11 min Scan# 3748

Delta R.T. -0.02 min

Lab File: BG040994.D

Acq: 1 Jun 2019 2:51

Instrument :

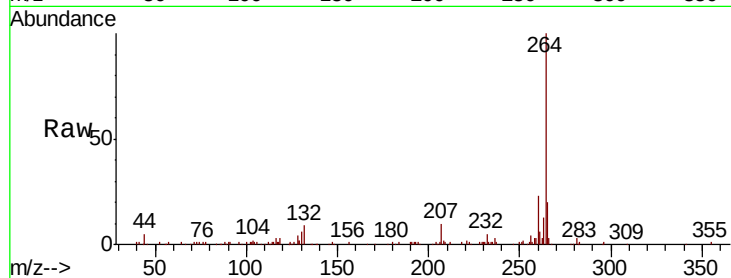
BNA_G

ClientSampleId :

PB120101BS

Tot Ion:264 Resp: 162218

Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.0	28.4
265	20.0	17.0	25.4

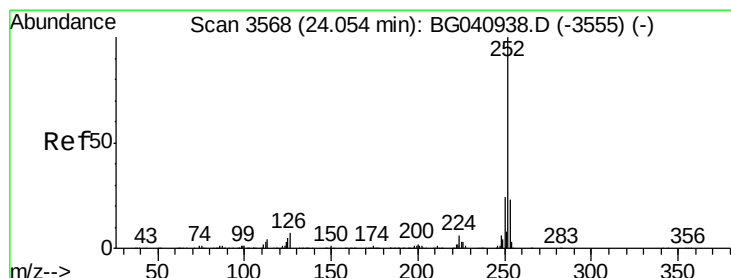
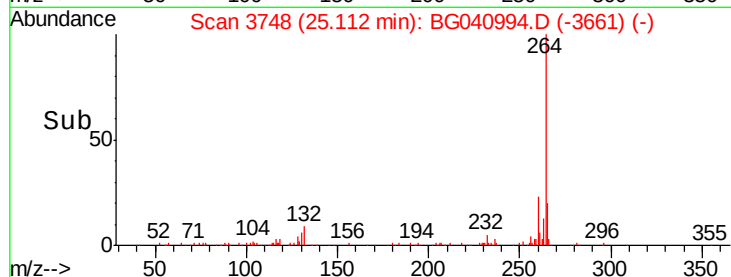
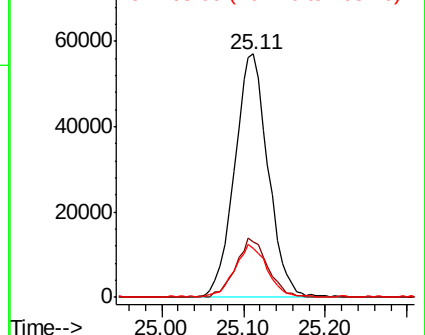


Abundance

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: 101.264 ng

RT: 24.05 min Scan# 3567

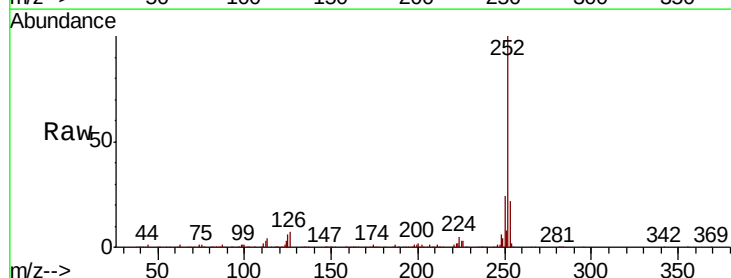
Delta R.T. -0.01 min

Lab File: BG040994.D

Acq: 1 Jun 2019 2:51

Tgt Ion:252 Resp: 996347

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.4	27.6
125	5.6	4.3	6.5

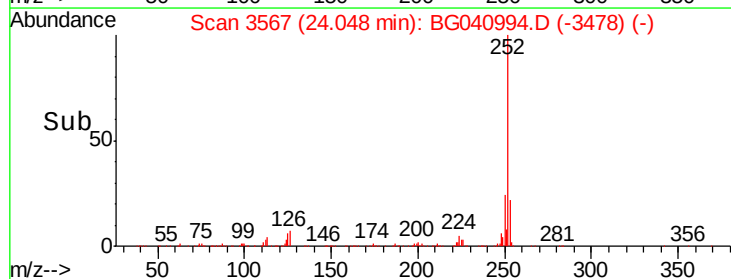
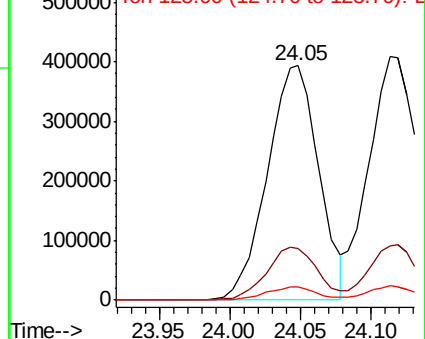


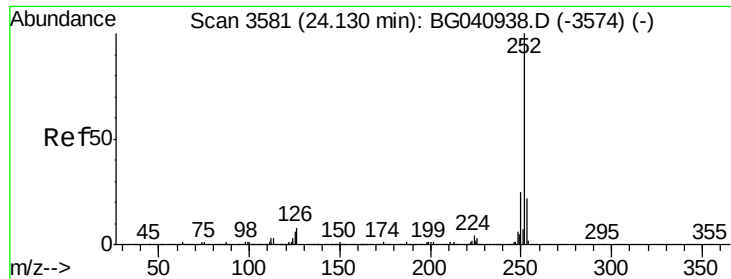
Abundance

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: 102.146 ng

RT: 24.11 min Scan# 3578

Delta R.T. -0.02 min

Lab File: BG040994.D

Acq: 1 Jun 2019 2:51

Instrument :

BNA_G

ClientSampleId :

PB120101BS

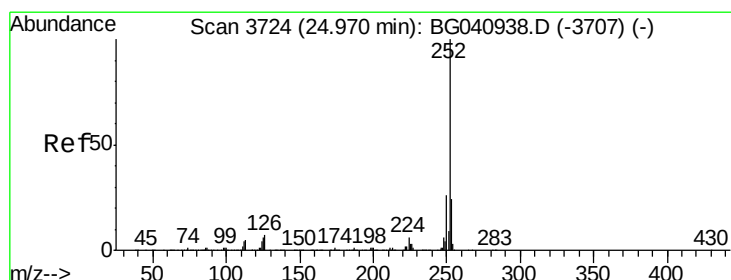
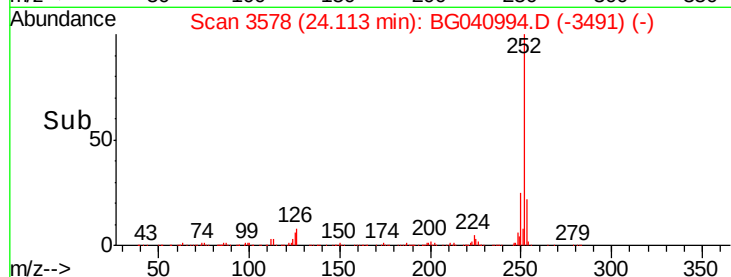
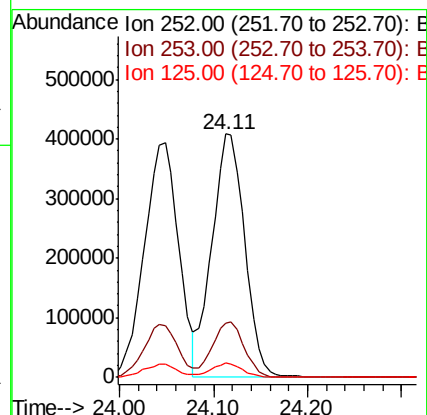
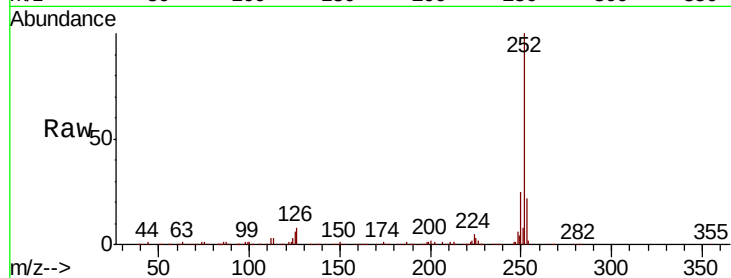
Tot Ion:252 Resp: 994543

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.6

125 5.7 4.7 7.1



#90

Benzo(a)pyrene

Concen: 104.355 ng

RT: 24.96 min Scan# 3722

Delta R.T. -0.01 min

Lab File: BG040994.D

Acq: 1 Jun 2019 2:51

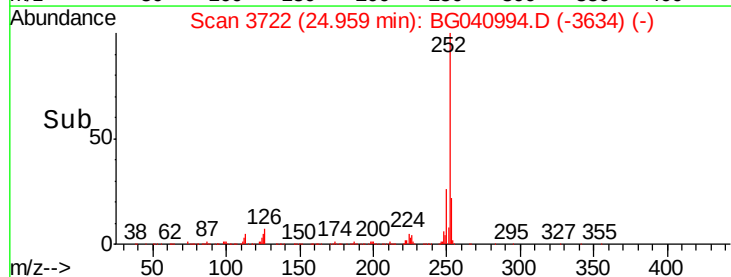
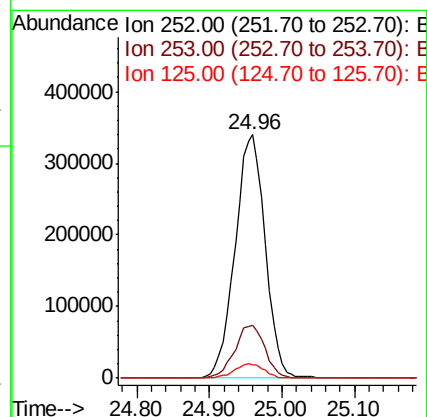
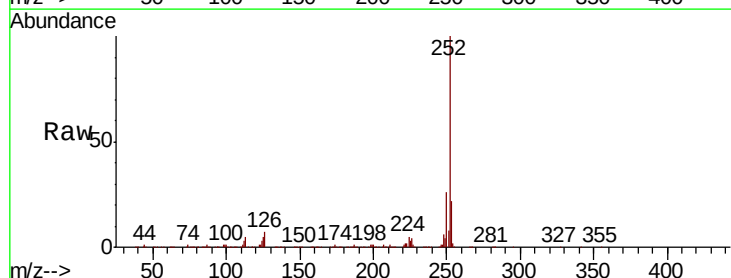
Tgt Ion:252 Resp: 979600

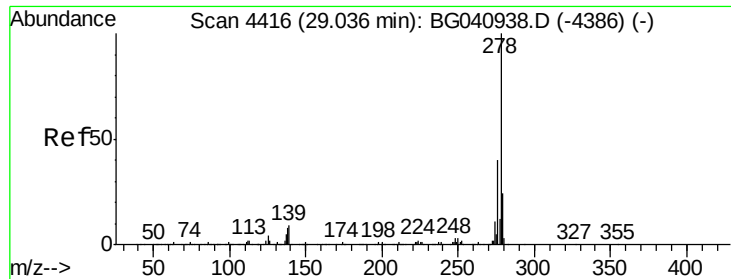
Ion Ratio Lower Upper

252 100

253 21.6 19.5 29.3

125 5.4 5.1 7.7

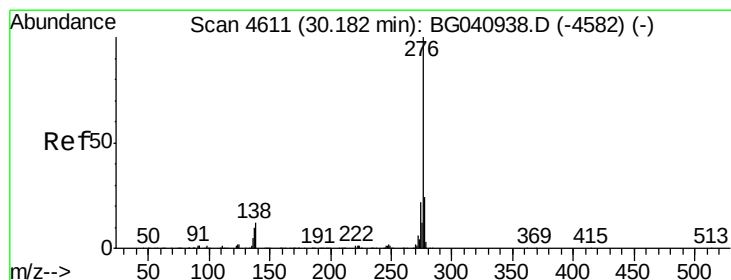
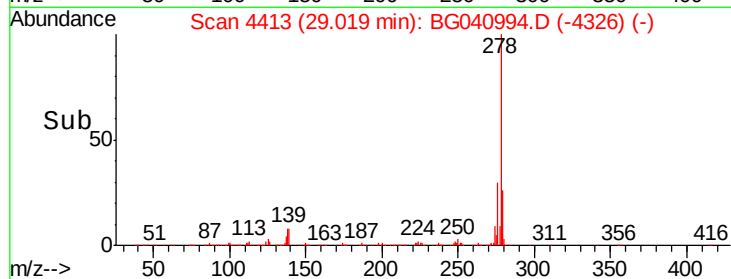
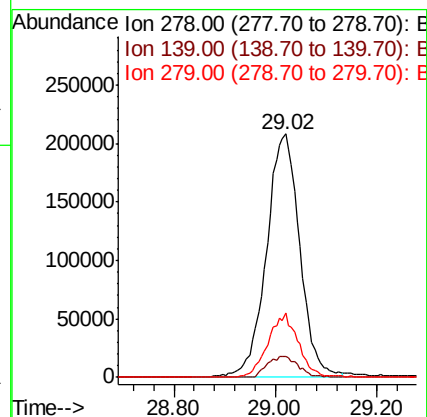
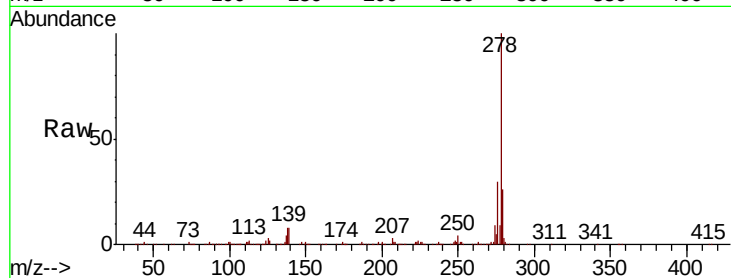




#91
Dibenzo(a,h)anthracene
Concen: 101.323 ng
RT: 29.02 min Scan# 4413
Delta R.T. -0.02 min
Lab File: BG040994.D
Acq: 1 Jun 2019 2:51

Instrument :
BNA_G
ClientSampled :
PB120101BS

Tot Ion:278 Resp: 950388
Ion Ratio Lower Upper
278 100
139 8.3 7.1 10.7
279 26.4 19.4 29.2



#92
Benzo(g,h,i)perylene
Concen: 105.982 ng
RT: 30.17 min Scan# 4609
Delta R.T. -0.01 min
Lab File: BG040994.D
Acq: 1 Jun 2019 2:51

Tgt Ion:276 Resp: 965787
Ion Ratio Lower Upper
276 100
277 23.4 19.4 29.0
138 10.2 9.7 14.5

