

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG102319\
 Data File : BG043309.D
 Acq On : 23 Oct 2019 15:28
 Operator : JU
 Sample : PB124203BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB124203BS

Quant Time: Oct 24 06:49:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 16:37:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	37098	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	147948	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	116895	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	290129	20.00	ng	0.00
76) Chrysene-d12	21.67	240	338512	20.00	ng	0.00
87) Perylene-d12	24.87	264	284819	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	214360	105.88	ng	0.00
7) Phenol-d6	7.20	99	294983	101.27	ng	0.00
23) Nitrobenzene-d5	9.19	82	148588	51.78	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	217070	97.58	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	437455	51.71	ng	0.00
79) Terphenyl-d14	20.01	244	989070	54.81	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	24556	31.126	ng	89
3) Pyridine	3.89	79	51627	25.942	ng	92
4) n-Nitrosodimethylamine	3.81	42	34372	34.227	ng	91
6) Aniline	7.35	93	85751	25.556	ng	97
8) 2-Chlorophenol	7.60	128	87002	38.930	ng	97
9) Benzaldehyde	7.16	77	28050	19.595	ng	89
10) Phenol	7.23	94	106312	39.942	ng	98
11) bis(2-Chloroethyl)ether	7.44	93	70737	34.374	ng	93
12) 1,3-Dichlorobenzene	7.91	146	90124	32.187	ng	96
13) 1,4-Dichlorobenzene	8.06	146	91011	32.126	ng	97
14) 1,2-Dichlorobenzene	8.38	146	89382	32.314	ng	96
15) Benzyl Alcohol	8.27	79	75613	36.963	ng	90
16) 2,2'-oxybis(1-Chloropropan	8.55	45	99891	33.383	ng	97
17) 2-Methylphenol	8.48	107	74912	38.607	ng	97
18) Hexachloroethane	9.11	117	32973	32.260	ng	96
19) n-Nitroso-di-n-propylamine	8.83	70	64020	34.014	ng	96
20) 3+4-Methylphenols	8.81	107	100754	37.867	ng	90
22) Acetophenone	8.85	105	128443	33.901	ng	# 97
24) Nitrobenzene	9.23	77	94886	34.709	ng	99
25) Isophorone	9.75	82	187991	35.831	ng	99
26) 2-Nitrophenol	9.94	139	48088	36.436	ng	95
27) 2,4-Dimethylphenol	10.01	122	82223	43.466	ng	99
28) bis(2-Chloroethoxy)methane	10.23	93	101454	35.036	ng	# 91
29) 2,4-Dichlorophenol	10.49	162	90154	37.197	ng	92
30) 1,2,4-Trichlorobenzene	10.69	180	100084	32.763	ng	98
31) Naphthalene	10.88	128	267331	35.598	ng	98
32) Benzoic acid	10.15	122	40900	32.027	ng	96
33) 4-Chloroaniline	11.00	127	79131	25.706	ng	97
34) Hexachlorobutadiene	11.17	225	72186	31.967	ng	99
35) Caprolactam	11.76	113	9940	11.908	ng	# 81
36) 4-Chloro-3-methylphenol	12.12	107	105655	39.964	ng	98
37) 2-Methylnaphthalene	12.48	142	213794	37.103	ng	99
38) 1-Methylnaphthalene	12.70	142	200709	36.609	ng	95
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	134832	31.167	ng	99

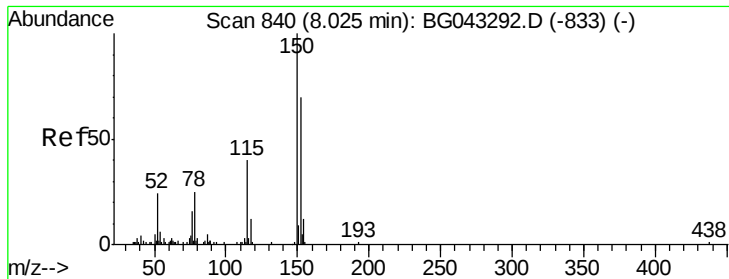
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG102319\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	109056	47.989	ng	96
43) 2,4,6-Trichlorophenol	13.09	196	93259	36.605	ng	98
44) 2,4,5-Trichlorophenol	13.17	196	102902	39.952	ng	99
46) 1,1'-Biphenyl	13.48	154	288859	32.483	ng	100
47) 2-Chloronaphthalene	13.53	162	223494	33.031	ng	98
48) 2-Nitroaniline	13.74	65	70797	35.008	ng	92
49) Acenaphthylene	14.38	152	373374	35.456	ng	98
50) Dimethylphthalate	14.11	163	317713	35.090	ng	98
51) 2,6-Dinitrotoluene	14.22	165	73863	37.550	ng	92
52) Acenaphthene	14.72	154	222802	34.694	ng	99
53) 3-Nitroaniline	14.56	138	49637	26.137	ng	93
54) 2,4-Dinitrophenol	14.77	184	82471	68.312	ng	95
55) Dibenzofuran	15.05	168	375179	36.026	ng	98
56) 4-Nitrophenol	14.88	139	111792	87.841	ng	94
57) 2,4-Dinitrotoluene	15.01	165	106138	37.757	ng	# 97
58) Fluorene	15.70	166	311958	35.715	ng	94
59) 2,3,4,6-Tetrachlorophenol	15.28	232	104323	38.122	ng	# 97
60) Diethylphthalate	15.46	149	325434	35.771	ng	99
61) 4-Chlorophenyl-phenylether	15.69	204	180882	35.498	ng	98
62) 4-Nitroaniline	15.73	138	69360	35.364	ng	97
63) Azobenzene	15.98	77	267490	36.329	ng	96
65) 4,6-Dinitro-2-methylphenol	15.78	198	64464	37.755	ng	97
66) n-Nitrosodiphenylamine	15.90	169	282931	34.541	ng	98
67) 4-Bromophenyl-phenylether	16.59	248	129062	33.055	ng	97
68) Hexachlorobenzene	16.71	284	144833	32.315	ng	97
69) Atrazine	16.85	200	124182	43.630	ng	94
70) Pentachlorophenol	17.06	266	173670	85.040	ng	94
71) Phenanthrene	17.44	178	518904	34.927	ng	99
72) Anthracene	17.53	178	530888	35.715	ng	99
73) Carbazole	17.80	167	496198	36.862	ng	100
74) Di-n-butylphthalate	18.36	149	588425	36.027	ng	99
75) Fluoranthene	19.45	202	723458	37.352	ng	99
77) Benzidine	19.64	184	84004	12.331	ng	98
78) Pyrene	19.81	202	733117	34.988	ng	99
80) Butylbenzylphthalate	20.69	149	271384	34.186	ng	98
81) Benzo(a)anthracene	21.65	228	744239	35.099	ng	99
82) 3,3'-Dichlorobenzidine	21.56	252	244733	29.841	ng	99
83) Chrysene	21.72	228	721048	34.225	ng	98
84) Bis(2-ethylhexyl)phthalate	21.55	149	393006	34.851	ng	99
85) Di-n-octyl phthalate	22.76	149	667368	34.883	ng	99
86) Indeno(1,2,3-cd)pyrene	28.52	276	914999	34.599	ng	100
88) Benzo(b)fluoranthene	23.85	252	779014	48.292	ng	98
89) Benzo(k)fluoranthene	23.92	252	799475	49.230	ng	98
90) Benzo(a)pyrene	24.72	252	711326	46.177	ng	99
91) Dibenzo(a,h)anthracene	28.58	278	782838	49.684	ng	96
92) Benzo(g,h,i)perylene	29.65	276	776205	49.943	ng	96

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

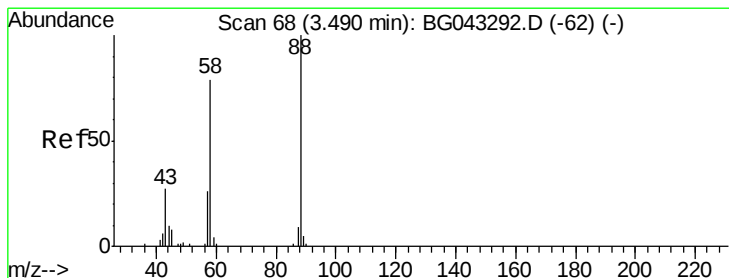
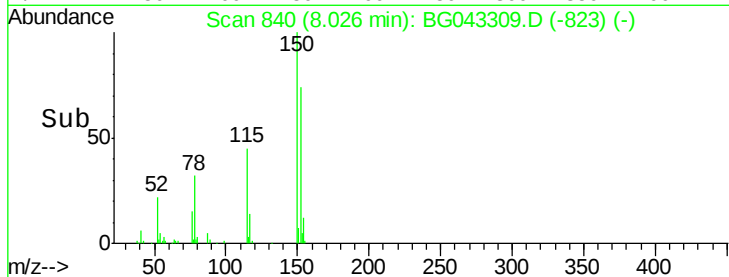
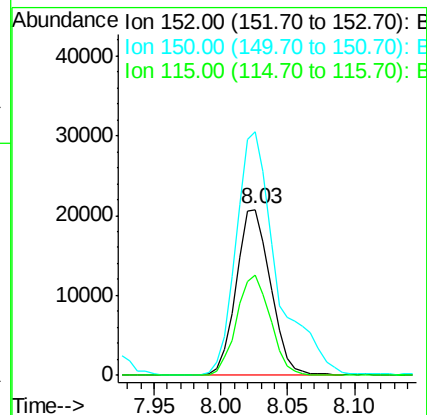
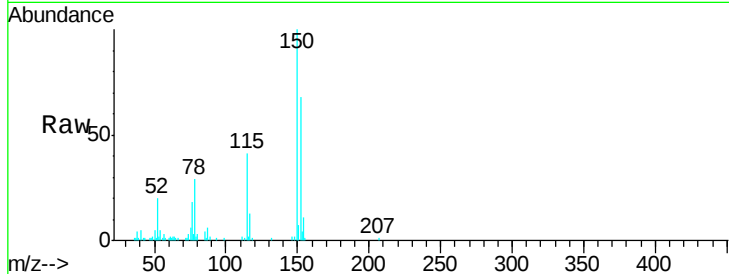


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 840
Delta R.T. 0.00 min
Lab File: BG043309.D
Acq: 23 Oct 2019 15:28

Instrument :
BNA_G
ClientSampleId :
PB124203BS

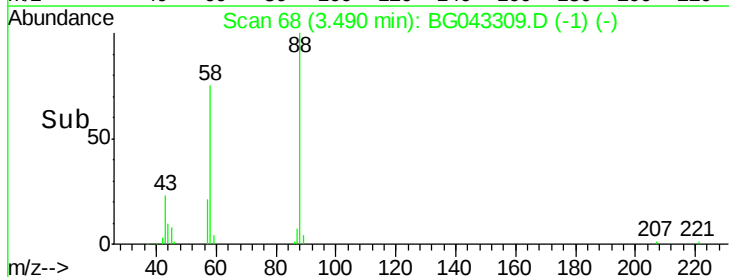
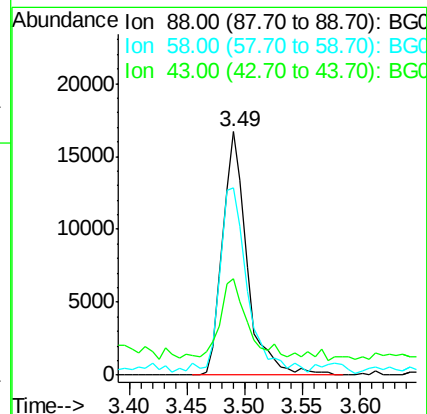
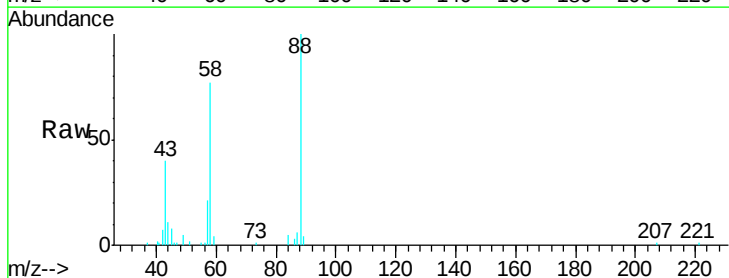
Tgt Ion:152 Resp: 37098
Ion Ratio Lower Upper
152 100
150 146.8 113.6 170.4
115 60.5 45.9 68.9



#2

1,4-Dioxane
Concen: 31.126 ng
RT: 3.49 min Scan# 68
Delta R.T. 0.00 min
Lab File: BG043309.D
Acq: 23 Oct 2019 15:28

Tgt Ion: 88 Resp: 24556
Ion Ratio Lower Upper
88 100
58 84.9 60.2 90.2
43 33.8 22.7 34.1





#3

Pyridine

Concen: 25.942 ng

RT: 3.89 min Scan# 136

Delta R.T. -0.01 min

Lab File: BG043309.D

Acq: 23 Oct 2019 15:28

Instrument :

BNA_G

ClientSampleId :

PB124203BS

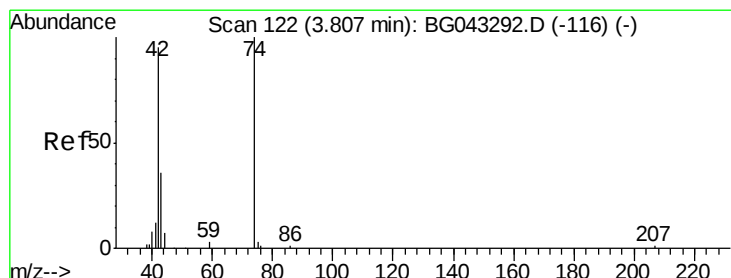
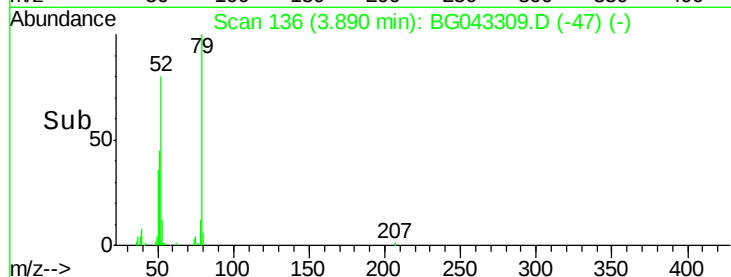
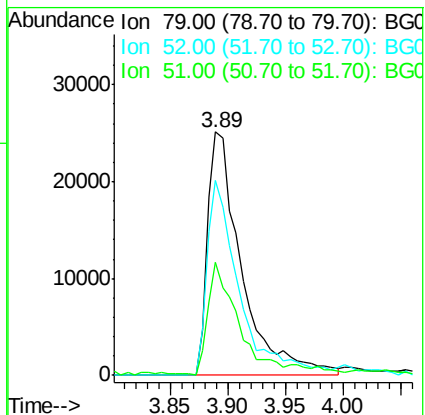
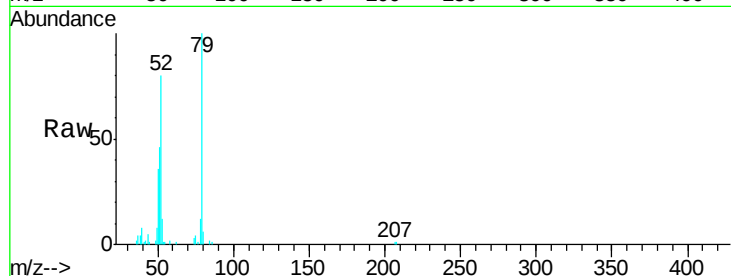
Tgt Ion: 79 Resp: 51627

Ion Ratio Lower Upper

79 100

52 80.1 59.7 89.5

51 46.2 31.8 47.6



#4

n-Nitrosodimethylamine

Concen: 34.227 ng

RT: 3.81 min Scan# 122

Delta R.T. 0.00 min

Lab File: BG043309.D

Acq: 23 Oct 2019 15:28

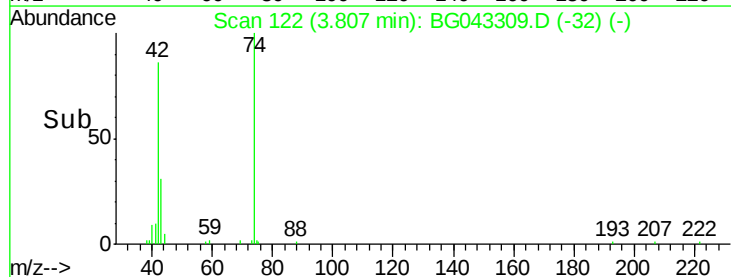
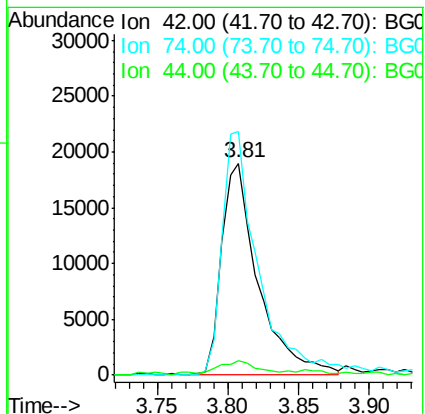
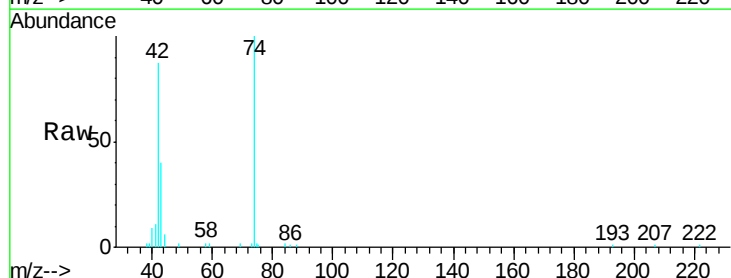
Tgt Ion: 42 Resp: 34372

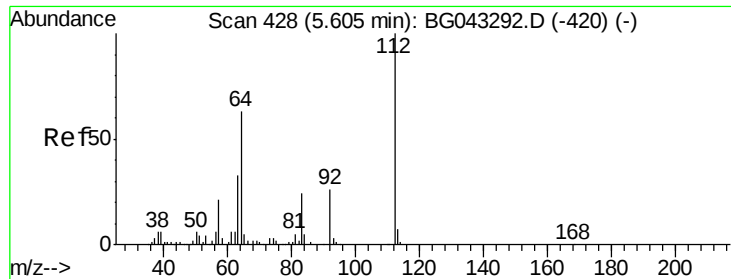
Ion Ratio Lower Upper

42 100

74 114.7 84.2 126.2

44 6.9 6.0 9.0





#5

2-Fluorophenol

Concen: 105.883 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.01 min

Lab File: BG043309.D

Acq: 23 Oct 2019 15:28

Instrument :

BNA_G

ClientSampleId :

PB124203BS

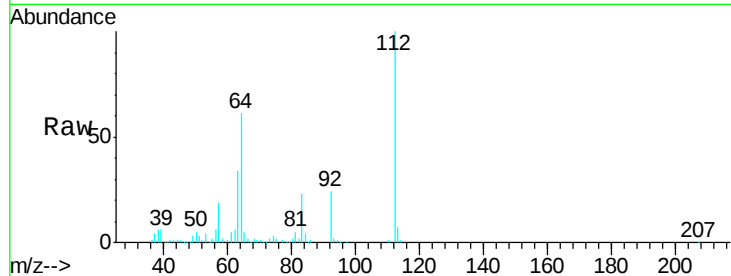
Tgt Ion: 112 Resp: 214360

Ion Ratio Lower Upper

112 100

64 60.7 50.2 75.2

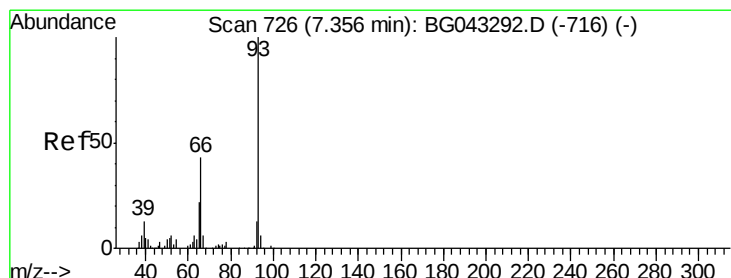
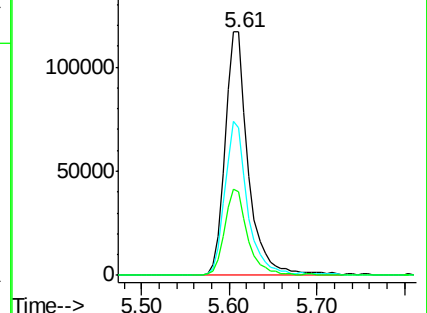
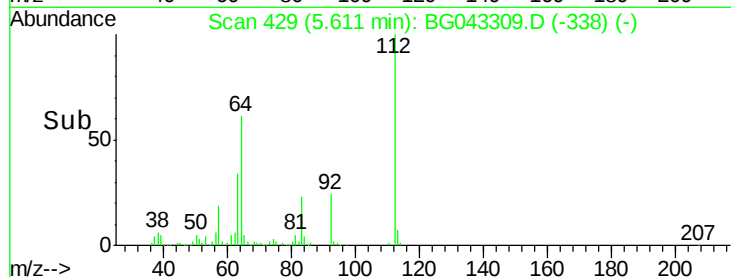
63 34.4 26.7 40.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 25.556 ng

RT: 7.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BG043309.D

Acq: 23 Oct 2019 15:28

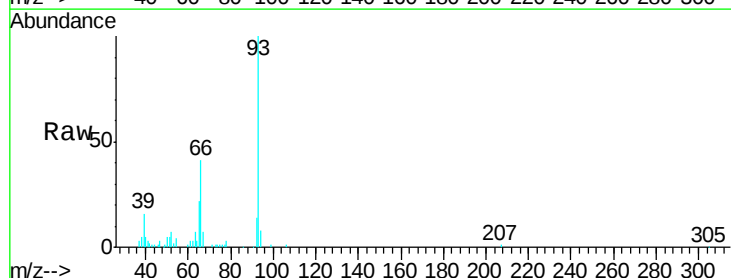
Tgt Ion: 93 Resp: 85751

Ion Ratio Lower Upper

93 100

66 41.2 34.5 51.7

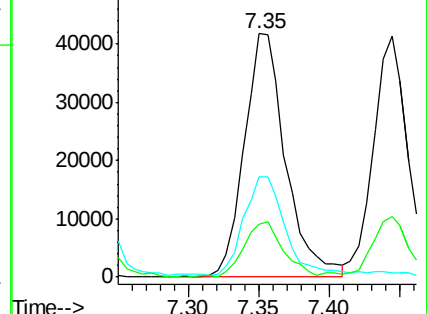
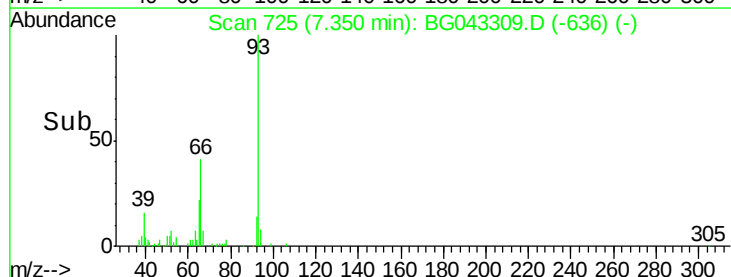
65 21.6 18.0 27.0

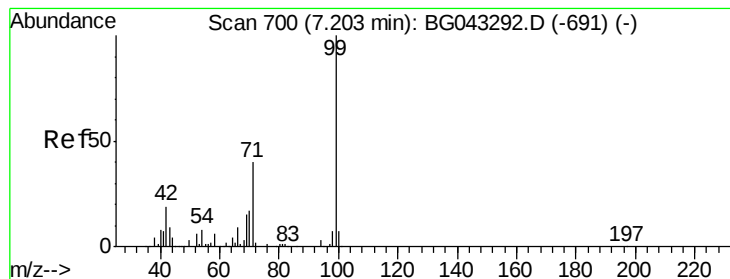


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 101.272 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG043309.D

Acq: 23 Oct 2019 15:28

Instrument :

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ClientSampleId :

PB124203BS

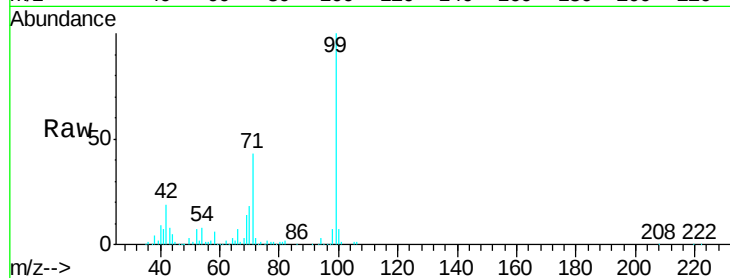
Tgt Ion: 99 Resp: 294983

Ion Ratio Lower Upper

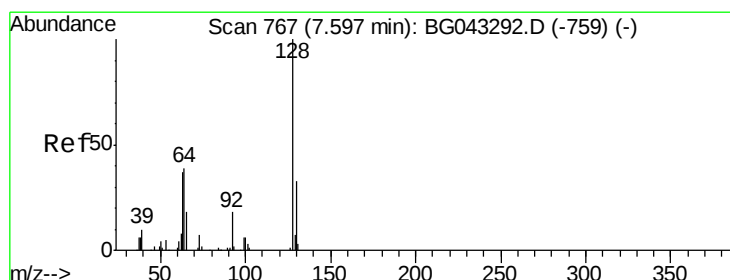
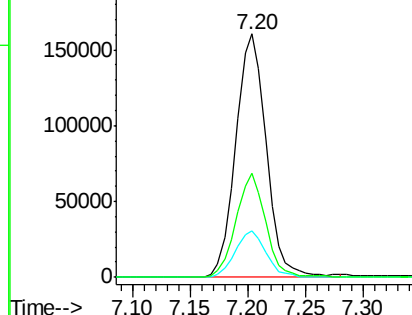
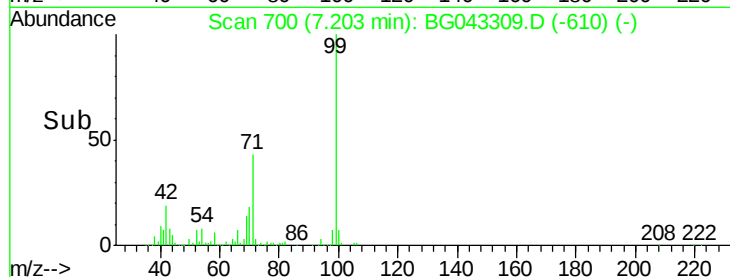
99 100

42 19.0 14.9 22.3

71 42.5 32.2 48.2



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: 38.930 ng

RT: 7.60 min Scan# 767

Delta R.T. 0.00 min

Lab File: BG043309.D

Acq: 23 Oct 2019 15:28

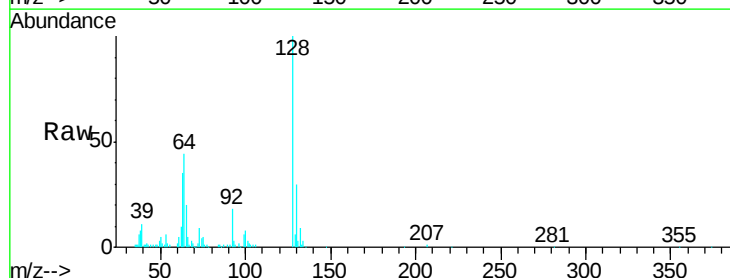
Tgt Ion: 128 Resp: 87002

Ion Ratio Lower Upper

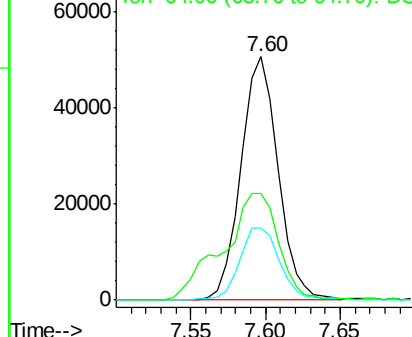
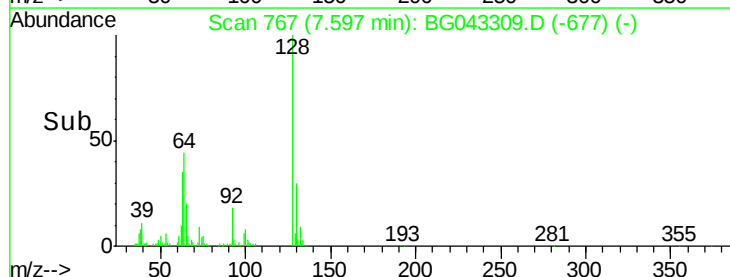
128 100

130 29.7 12.9 52.9

64 44.0 24.9 64.9



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: 19.595 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG043309.D

Acq: 23 Oct 2019 15:28

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PB124203BS

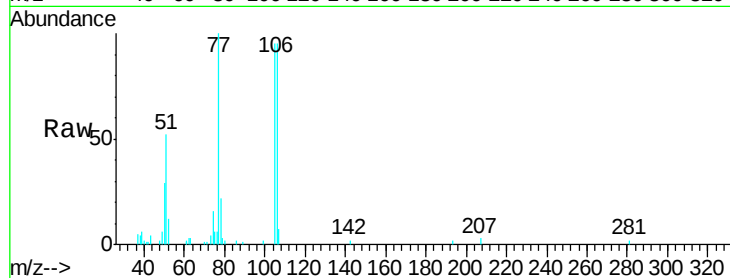
Tgt Ion: 77 Resp: 28050

Ion Ratio Lower Upper

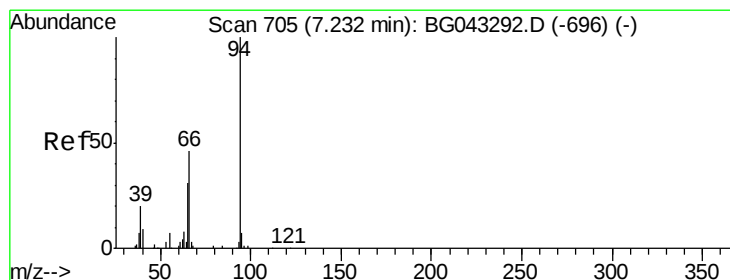
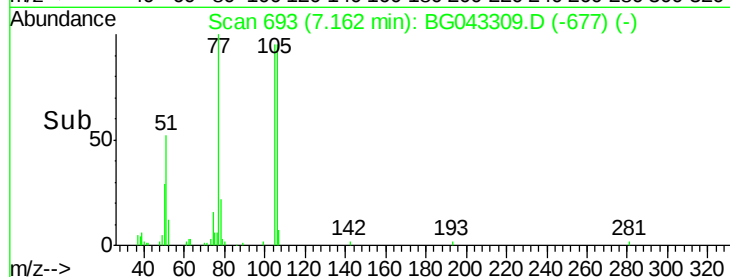
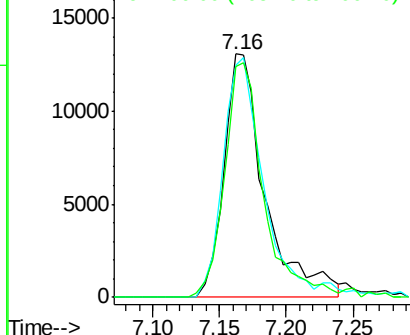
77 100

105 95.5 68.7 108.7

106 94.6 60.5 100.5



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: 39.942 ng

RT: 7.23 min Scan# 705

Delta R.T. 0.00 min

Lab File: BG043309.D

Acq: 23 Oct 2019 15:28

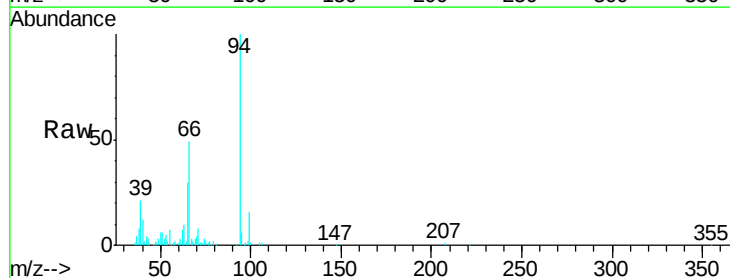
Tgt Ion: 94 Resp: 106312

Ion Ratio Lower Upper

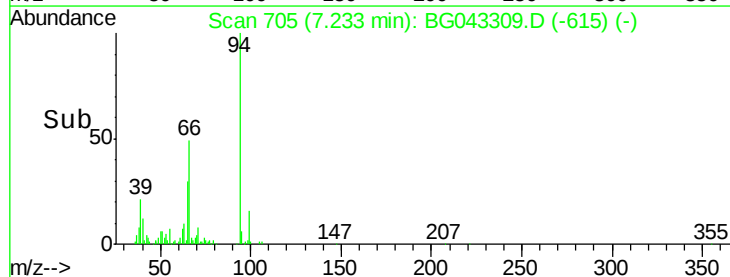
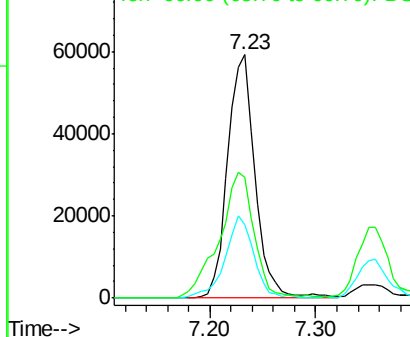
94 100

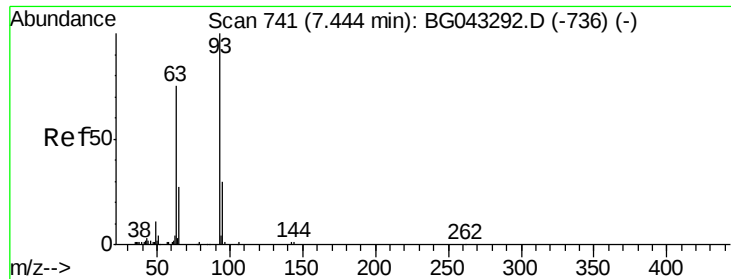
65 29.9 11.1 51.1

66 49.4 27.8 67.8



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

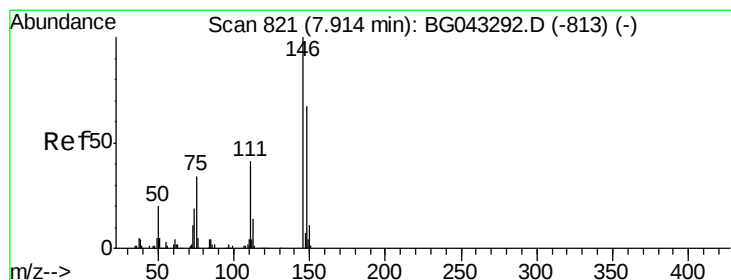
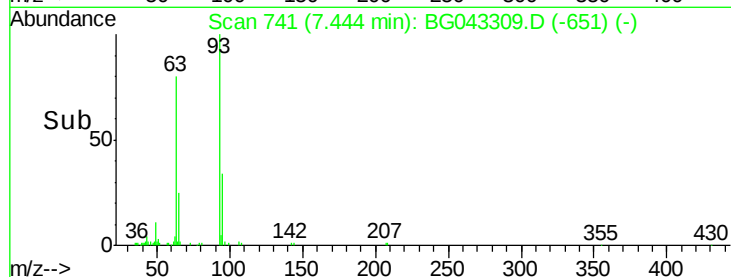
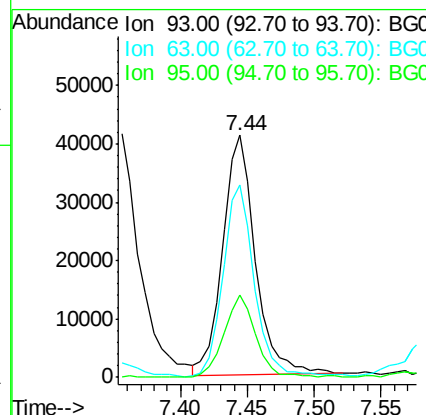
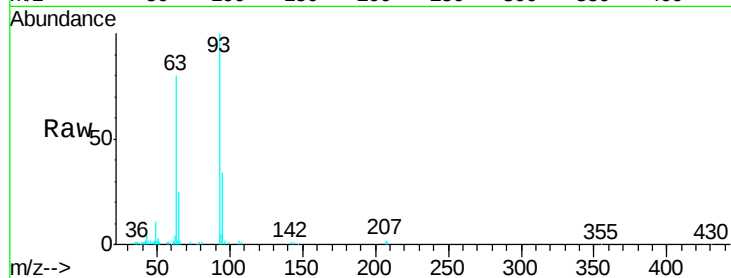




#11
 bis(2-Chloroethyl)ether
 Concen: 34.374 ng
 RT: 7.44 min Scan# 741
 Delta R.T. 0.00 min
 Lab File: BG043309.D
 Acq: 23 Oct 2019 15:28

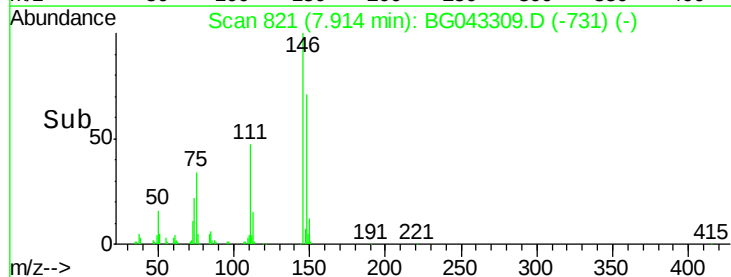
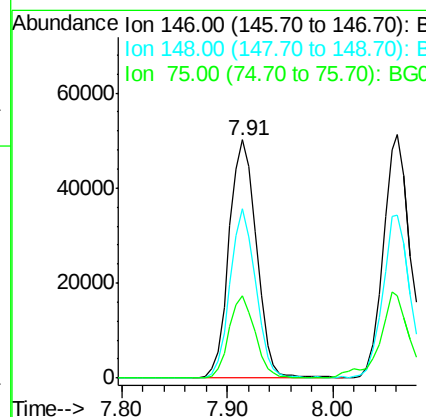
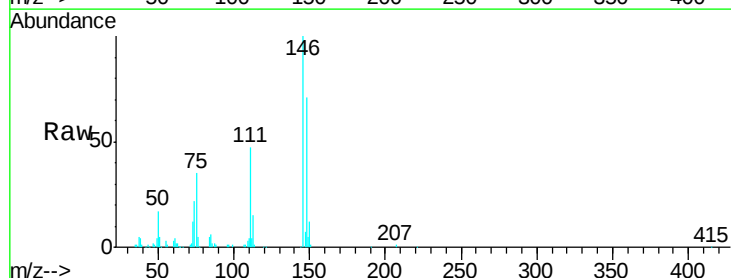
Instrument :
 BNA_G
 ClientSampleId :
 PB124203BS

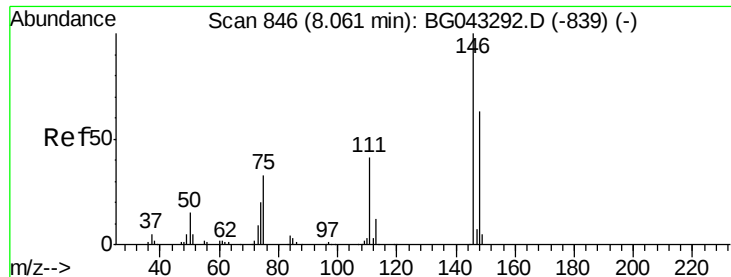
Tgt Ion: 93 Resp: 70737
 Ion Ratio Lower Upper
 93 100
 63 79.8 54.6 94.6
 95 34.2 9.7 49.7



#12
 1,3-Dichlorobenzene
 Concen: 32.187 ng
 RT: 7.91 min Scan# 821
 Delta R.T. 0.00 min
 Lab File: BG043309.D
 Acq: 23 Oct 2019 15:28

Tgt Ion: 146 Resp: 90124
 Ion Ratio Lower Upper
 146 100
 148 71.0 53.4 80.2
 75 34.8 27.0 40.4

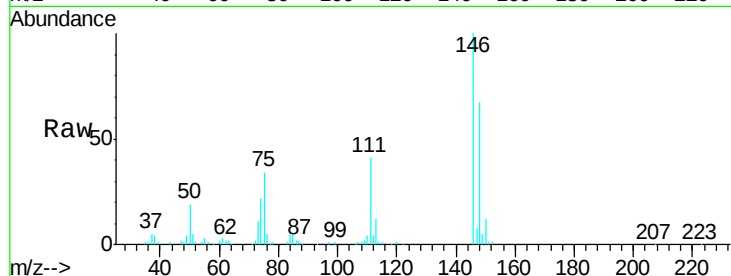




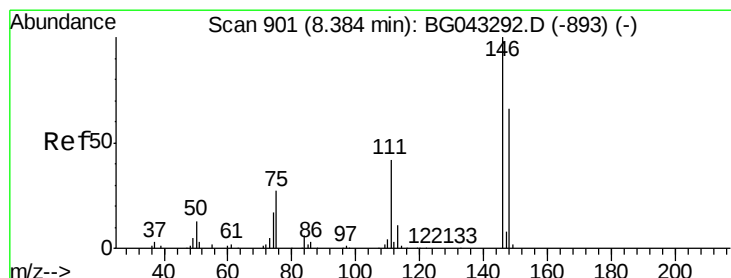
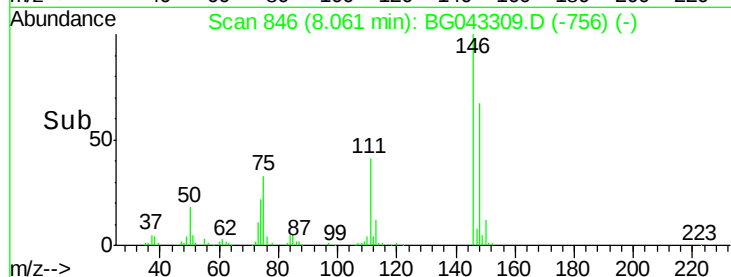
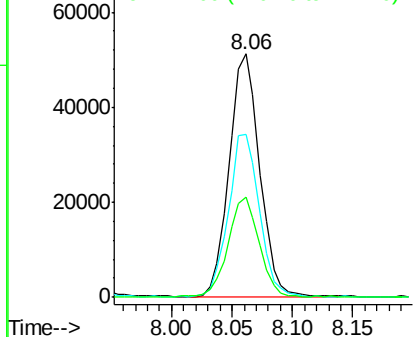
#13
 1,4-Dichlorobenzene
 Concen: 32.126 ng
 RT: 8.06 min Scan# 846
 Delta R.T. 0.00 min
 Lab File: BG043309.D
 Acq: 23 Oct 2019 15:28

Instrument :
 BNA_G
 ClientSampleId :
 PB124203BS

Tgt Ion:146 Resp: 91011
 Ion Ratio Lower Upper
 146 100
 148 67.2 50.7 76.1
 111 41.0 33.0 49.6

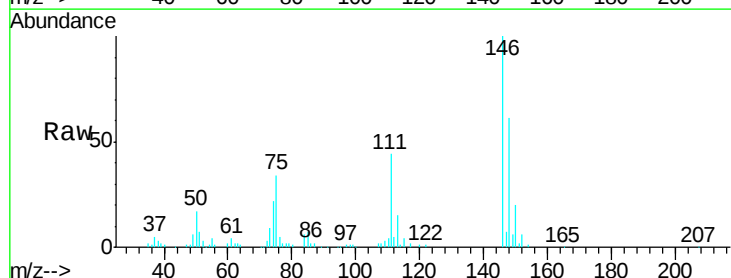


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

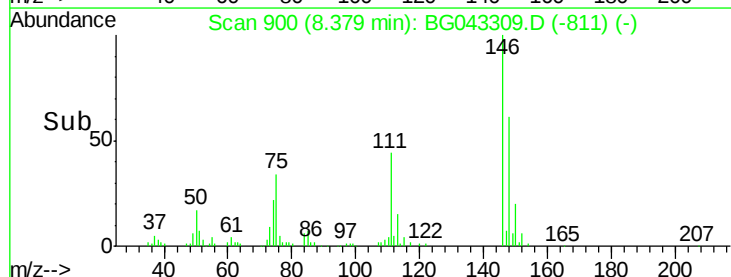
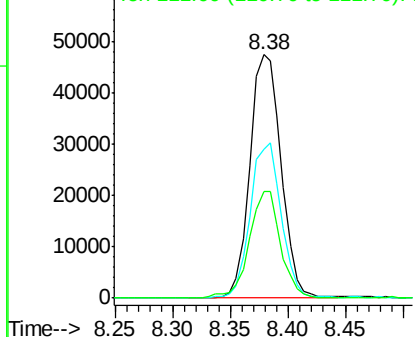


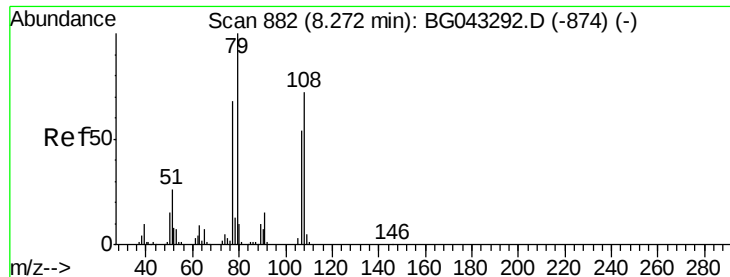
#14
 1,2-Dichlorobenzene
 Concen: 32.314 ng
 RT: 8.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BG043309.D
 Acq: 23 Oct 2019 15:28

Tgt Ion:146 Resp: 89382
 Ion Ratio Lower Upper
 146 100
 148 61.0 53.0 79.4
 111 43.9 34.5 51.7



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





#15

Benzyl Alcohol

Concen: 36.963 ng

RT: 8.27 min Scan# 882

Delta R.T. 0.00 min

Lab File: BG043309.D

Acq: 23 Oct 2019 15:28

Instrument :

BNA_G

ClientSampleId :

PB124203BS

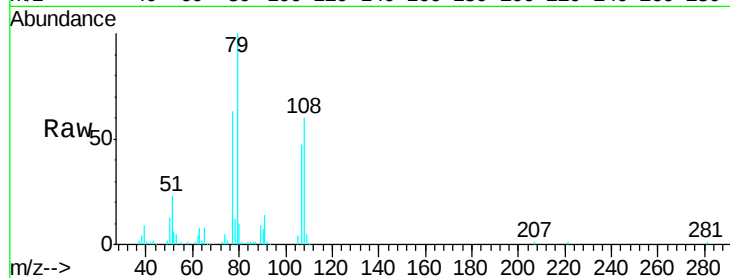
Tgt Ion: 79 Resp: 75613

Ion Ratio Lower Upper

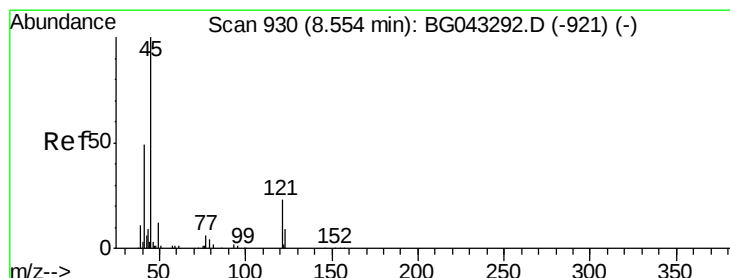
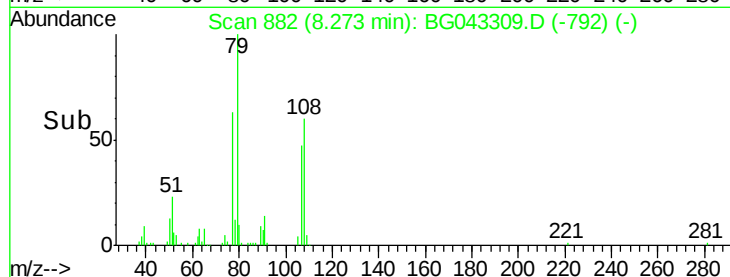
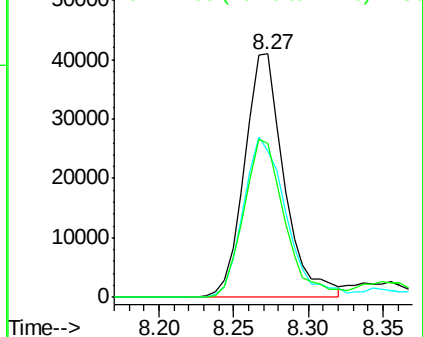
79 100

108 60.3 57.3 85.9

77 63.4 54.6 81.8



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: 33.383 ng

RT: 8.55 min Scan# 930

Delta R.T. 0.00 min

Lab File: BG043309.D

Acq: 23 Oct 2019 15:28

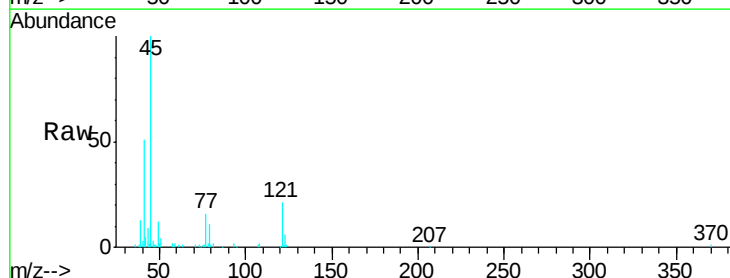
Tgt Ion: 45 Resp: 99891

Ion Ratio Lower Upper

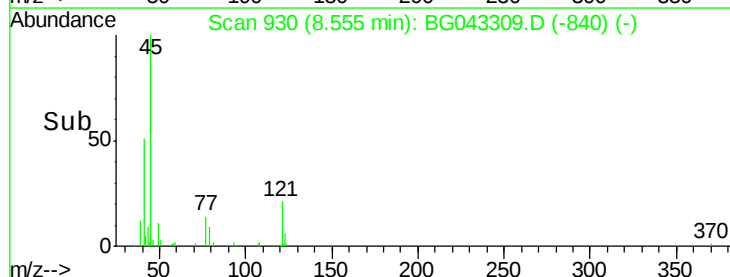
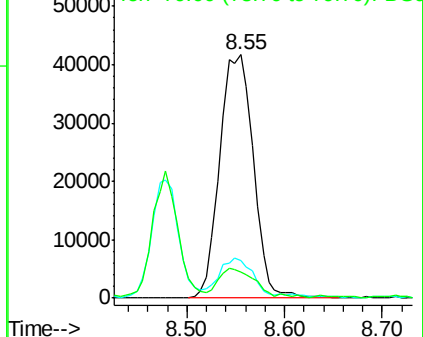
45 100

77 15.5 0.0 34.2

79 10.8 0.0 32.3



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: 38.607 ng

RT: 8.48 min Scan# 917

Delta R.T. 0.00 min

Lab File: BG043309.D

Acq: 23 Oct 2019 15:28

Instrument :

BNA_G

ClientSampleId :

PB124203BS

Tgt Ion:107 Resp: 74912

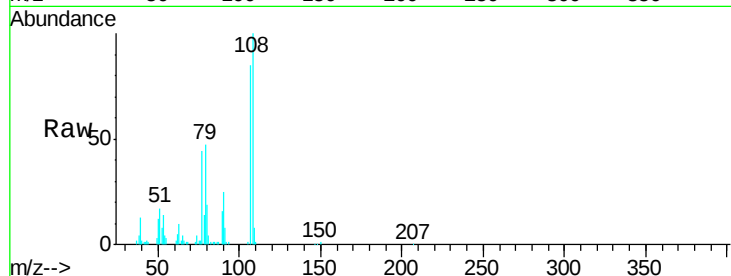
Ion Ratio Lower Upper

107 100

108 117.0 91.3 136.9

77 50.9 43.0 64.6

79 54.8 43.4 65.2

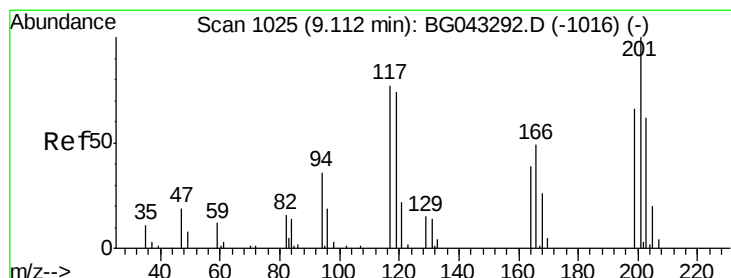
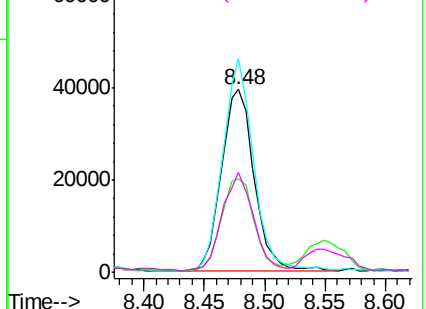
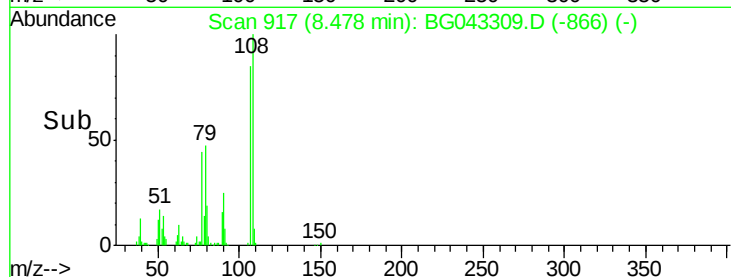


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 32.260 ng

RT: 9.11 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BG043309.D

Acq: 23 Oct 2019 15:28

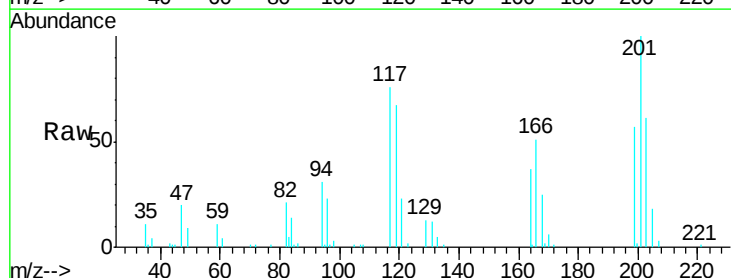
Tgt Ion:117 Resp: 32973

Ion Ratio Lower Upper

117 100

119 87.8 77.3 115.9

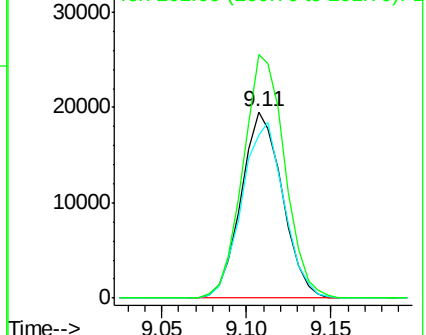
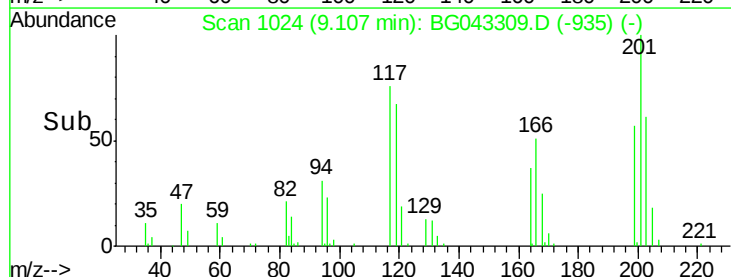
201 130.8 104.2 156.4

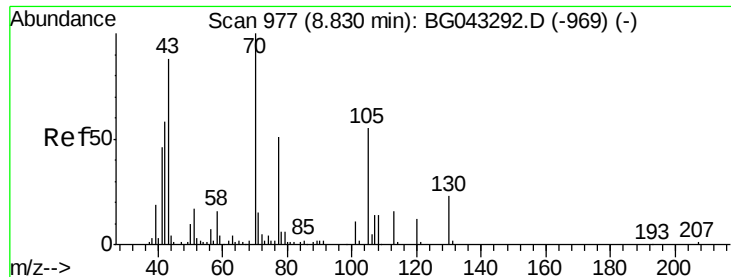


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

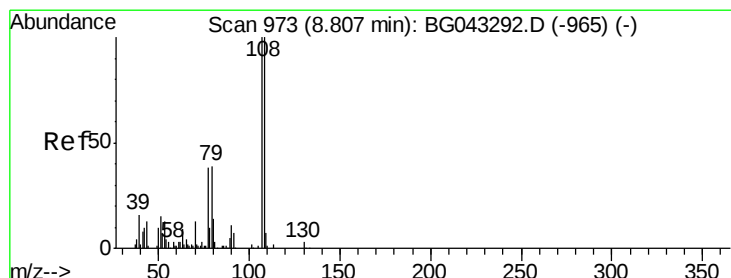
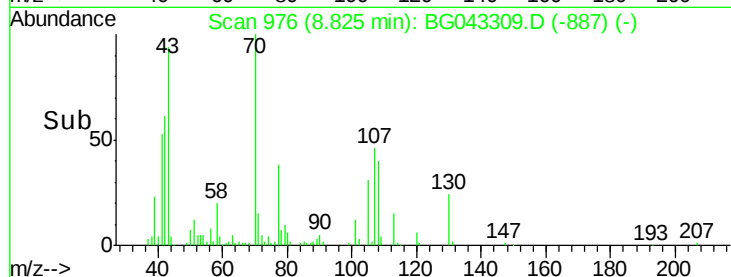
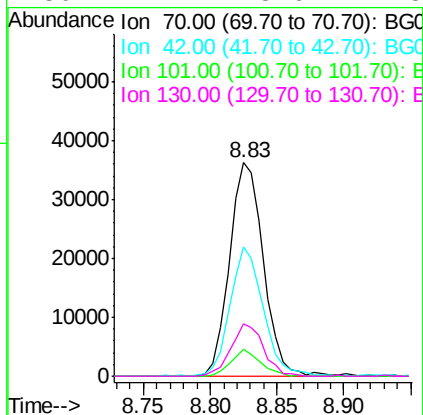
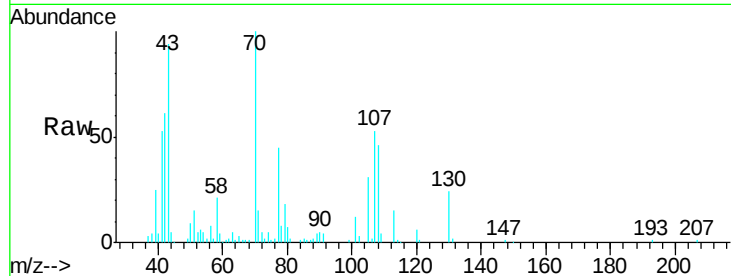




#19
n-Nitroso-di-n-propylamine
Concen: 34.014 ng
RT: 8.83 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG043309.D
Acq: 23 Oct 2019 15:28

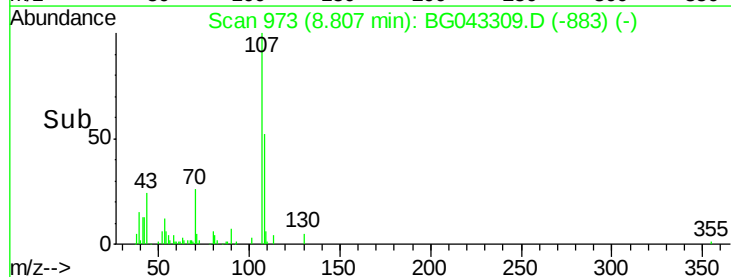
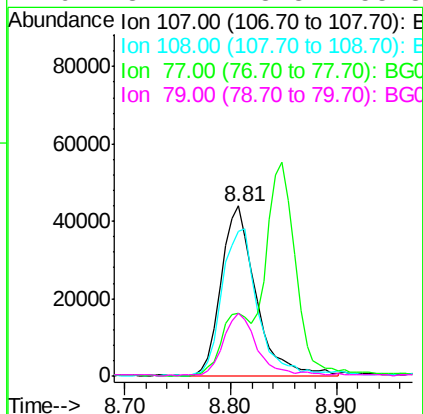
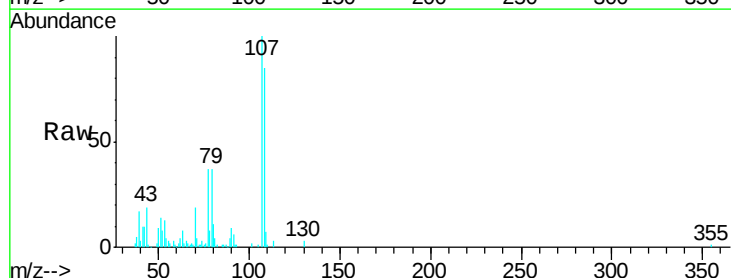
Instrument :
BNA_G
ClientSampleId :
PB124203BS

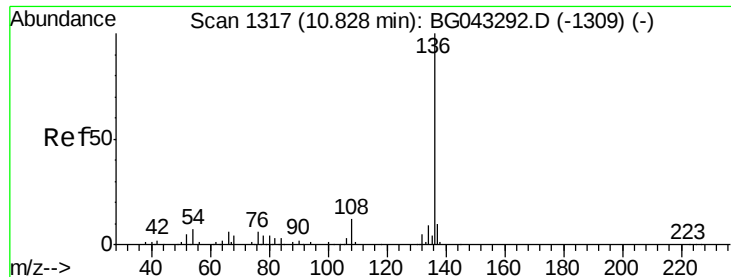
Tgt Ion: 70 Resp: 64020
Ion Ratio Lower Upper
70 100
42 60.7 46.2 69.2
101 12.4 8.6 13.0
130 24.4 18.6 27.8



#20
3+4-Methylphenols
Concen: 37.867 ng
RT: 8.81 min Scan# 973
Delta R.T. 0.00 min
Lab File: BG043309.D
Acq: 23 Oct 2019 15:28

Tgt Ion: 107 Resp: 100754
Ion Ratio Lower Upper
107 100
108 85.2 80.3 120.3
77 36.7 18.2 58.2
79 37.2 18.8 58.8

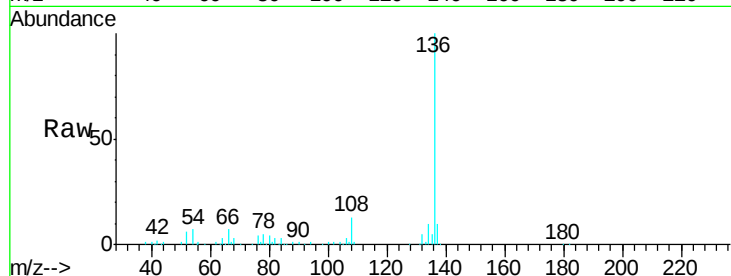




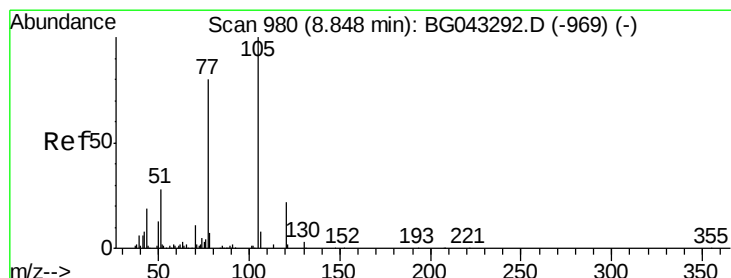
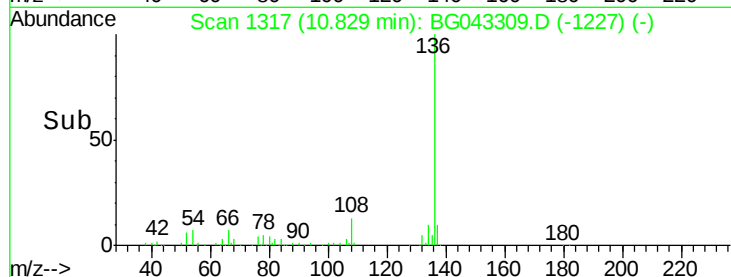
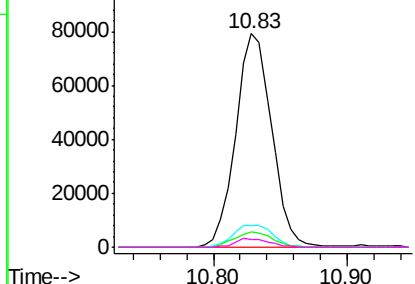
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BG043309.D
Acq: 23 Oct 2019 15:28

Instrument :
BNA_G
ClientSampleId :
PB124203BS

Tgt Ion:	136	Resp:	147948
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.2	12.2
54	7.0	5.4	8.2
68	3.3	3.3	4.9

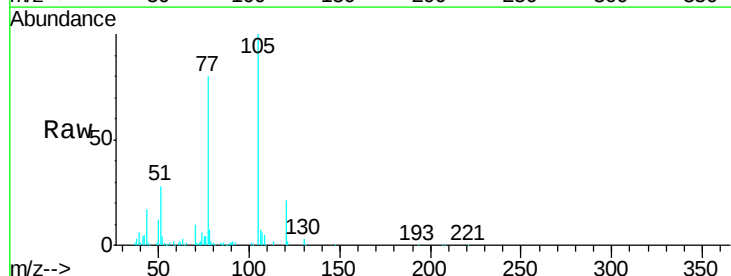


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

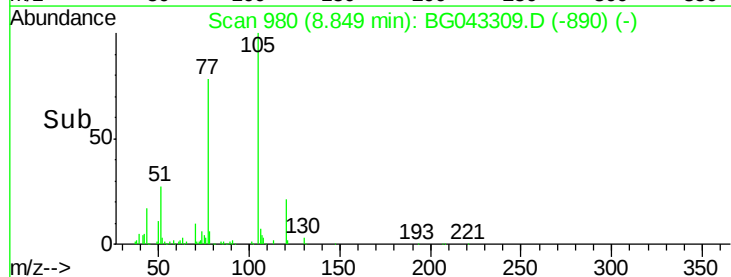
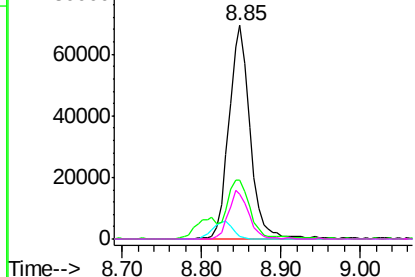


#22
Acetophenone
Concen: 33.901 ng
RT: 8.85 min Scan# 980
Delta R.T. 0.00 min
Lab File: BG043309.D
Acq: 23 Oct 2019 15:28

Tgt Ion:	105	Resp:	128443
Ion	Ratio	Lower	Upper
105	100		
71	1.1	1.5	2.3#
51	27.6	23.9	35.9
120	21.1	17.3	25.9



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

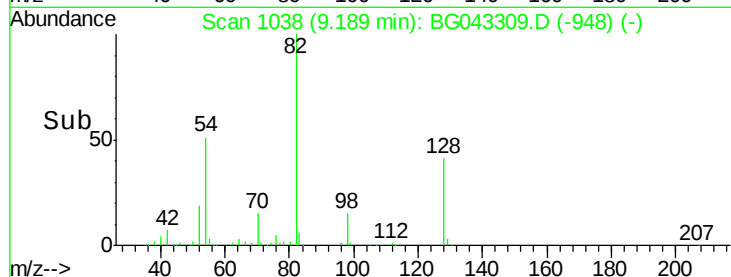
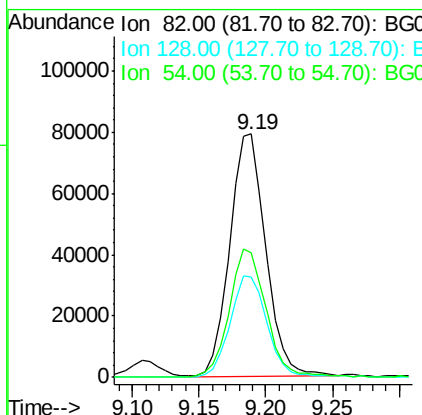
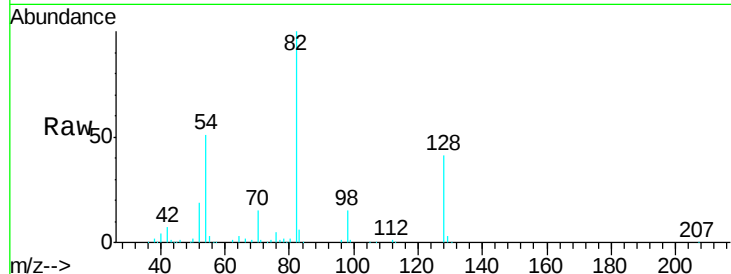




#23
 Nitrobenzene-d5
 Concen: 51.778 ng
 RT: 9.19 min Scan# 1038
 Delta R.T. 0.00 min
 Lab File: BG043309.D
 Acq: 23 Oct 2019 15:28

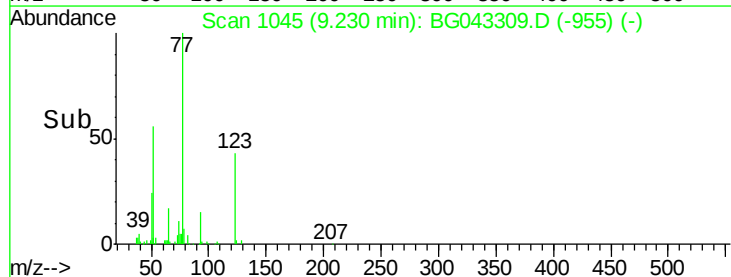
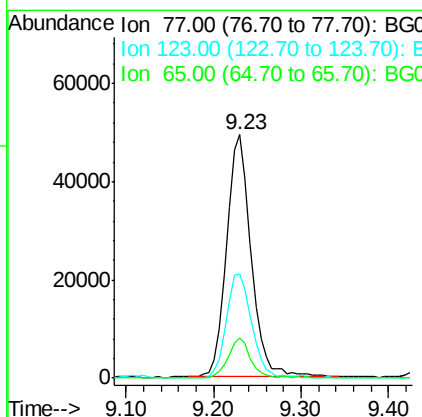
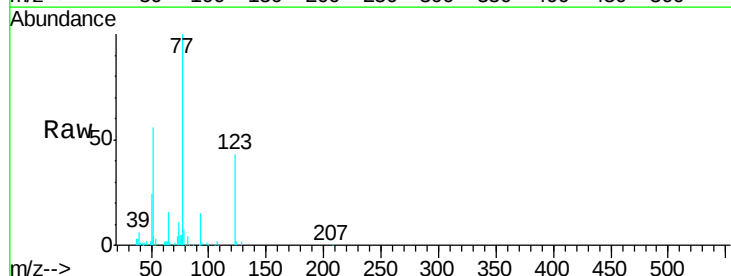
Instrument :
 BNA_G
 ClientSampleId :
 PB124203BS

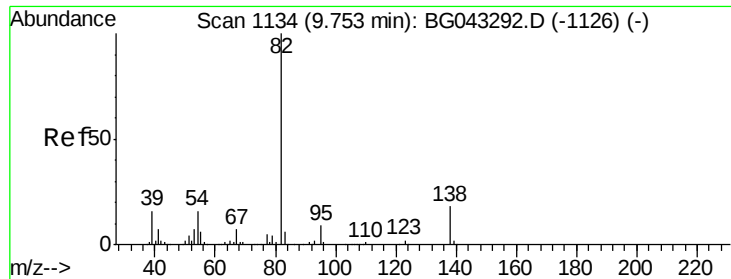
Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.2	35.3	52.9
54	51.1	42.3	63.5



#24
 Nitrobenzene
 Concen: 34.709 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. 0.00 min
 Lab File: BG043309.D
 Acq: 23 Oct 2019 15:28

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.7	33.8	50.8
65	16.4	13.0	19.4





#25

Isophorone

Concen: 35.831 ng

RT: 9.75 min Scan# 1133

Delta R.T. -0.01 min

Lab File: BG043309.D

Acq: 23 Oct 2019 15:28

Instrument :

BNA_G

ClientSampleId :

PB124203BS

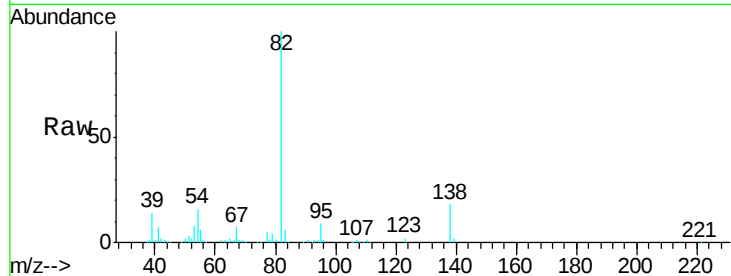
Tgt Ion: 82 Resp: 187991

Ion Ratio Lower Upper

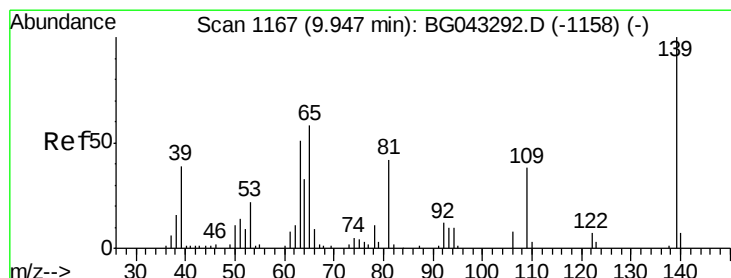
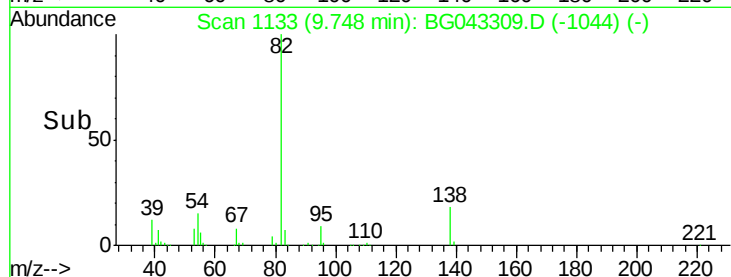
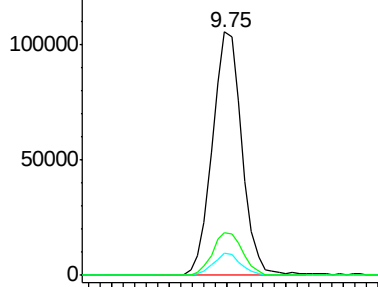
82 100

95 9.2 6.9 10.3

138 17.7 14.2 21.2



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: 36.436 ng

RT: 9.94 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BG043309.D

Acq: 23 Oct 2019 15:28

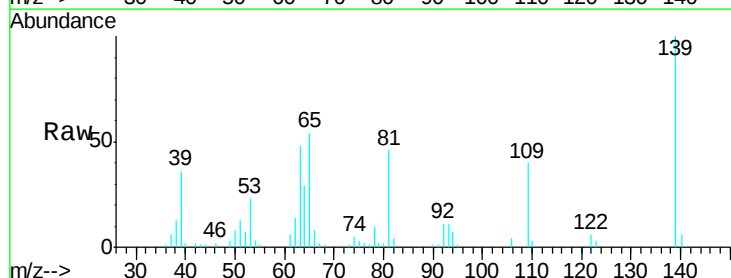
Tgt Ion: 139 Resp: 48088

Ion Ratio Lower Upper

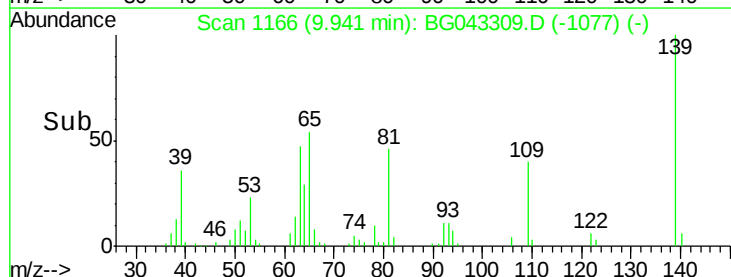
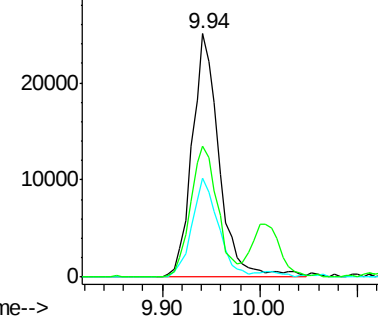
139 100

109 40.4 30.1 45.1

65 53.9 46.1 69.1



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

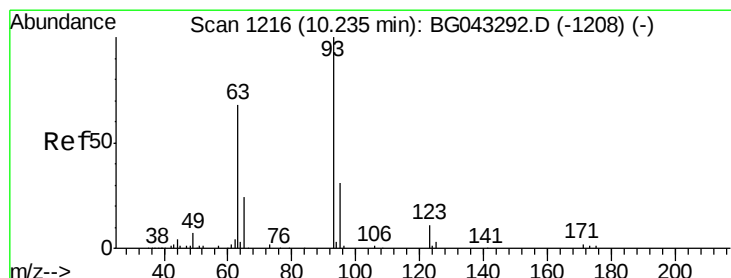
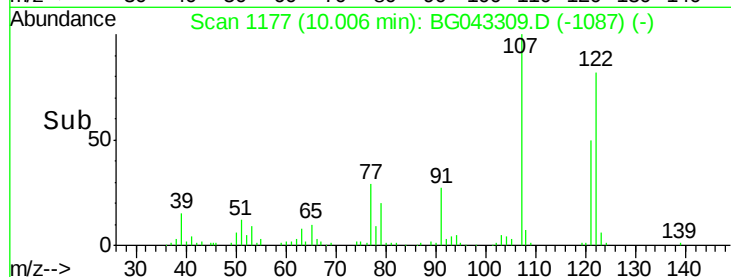
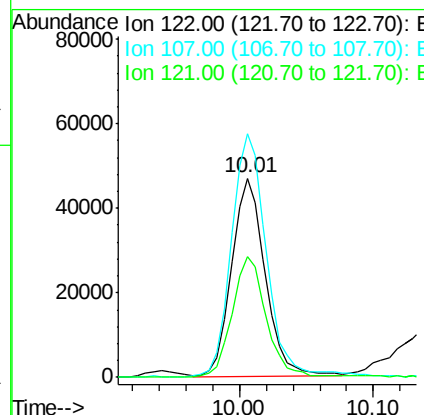
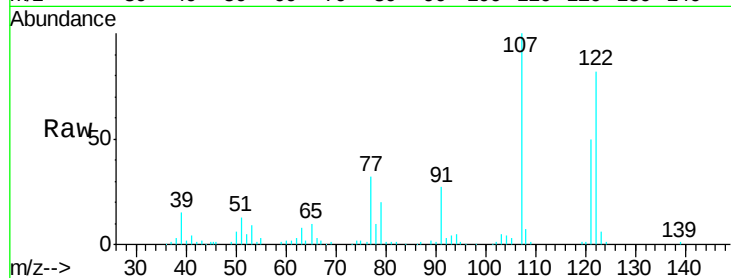




#27
 2,4-Dimethylphenol
 Concen: 43.466 ng
 RT: 10.01 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: BG043309.D
 Acq: 23 Oct 2019 15:28

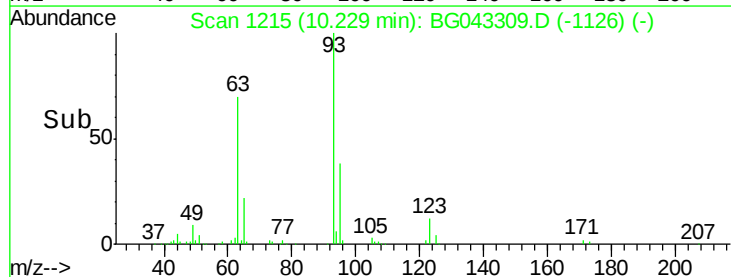
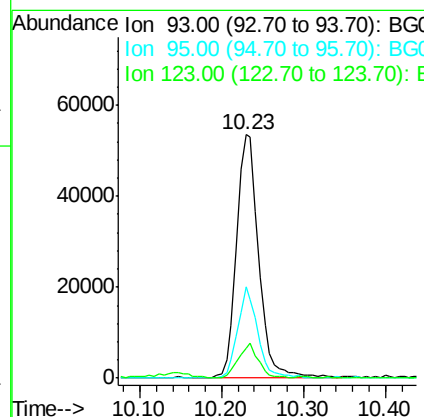
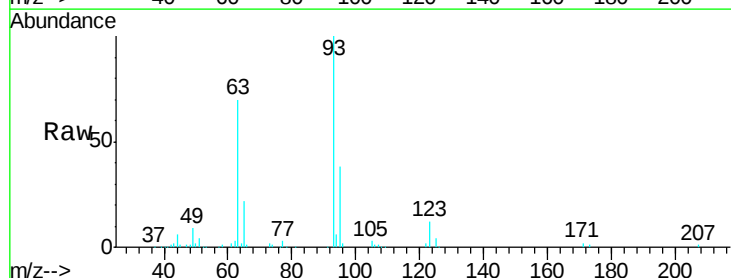
Instrument :
 BNA_G
 ClientSampleId :
 PB124203BS

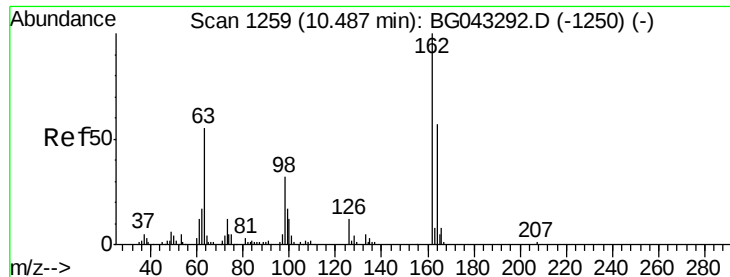
Tgt Ion:122 Resp: 82223
 Ion Ratio Lower Upper
 122 100
 107 122.5 98.6 147.8
 121 61.0 50.1 75.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.036 ng
 RT: 10.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BG043309.D
 Acq: 23 Oct 2019 15:28

Tgt Ion: 93 Resp: 101454
 Ion Ratio Lower Upper
 93 100
 95 37.6 24.9 37.3#
 123 12.1 8.9 13.3

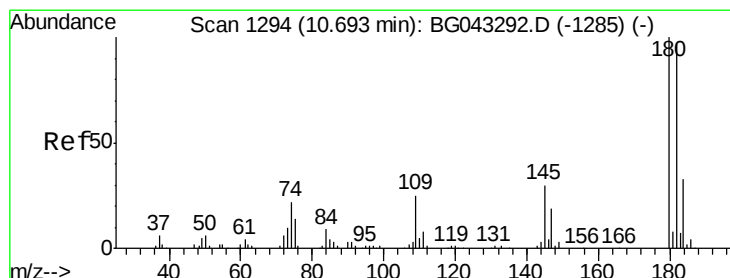
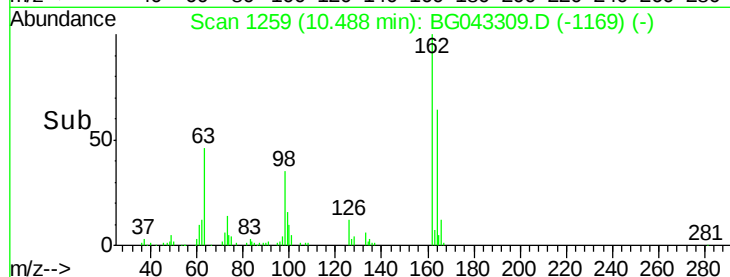
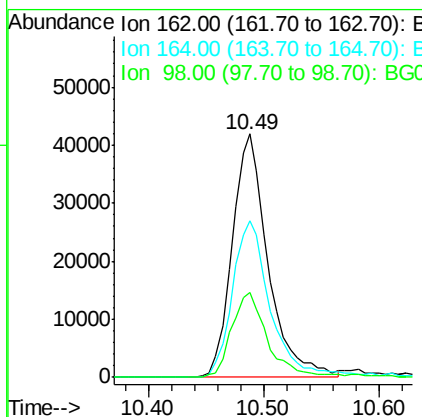
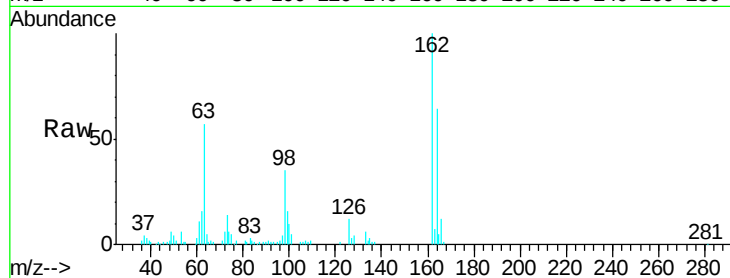




#29
 2,4-Dichlorophenol
 Concen: 37.197 ng
 RT: 10.49 min Scan# 1259
 Delta R.T. 0.00 min
 Lab File: BG043309.D
 Acq: 23 Oct 2019 15:28

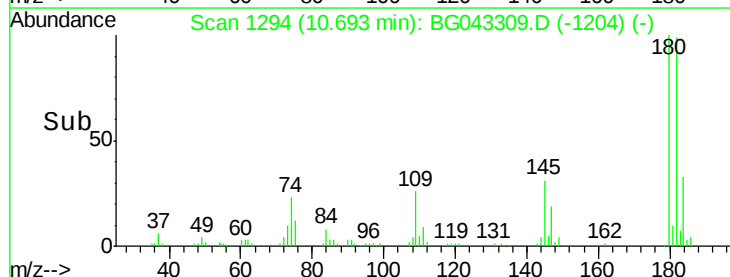
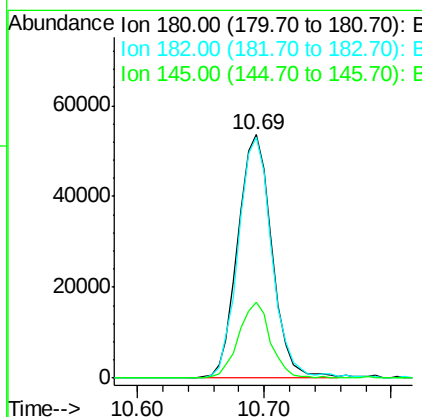
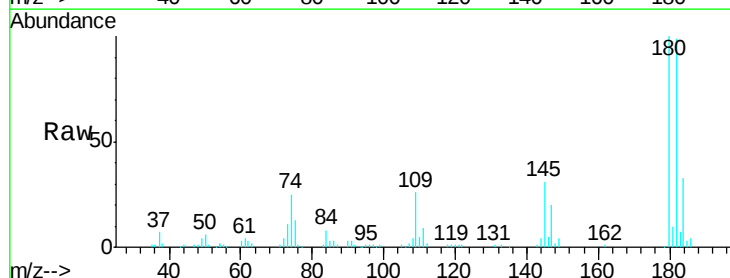
Instrument :
 BNA_G
 ClientSampleId :
 PB124203BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.1	37.3	77.3
98	34.7	11.8	51.8



#30
 1,2,4-Trichlorobenzene
 Concen: 32.763 ng
 RT: 10.69 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: BG043309.D
 Acq: 23 Oct 2019 15:28

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.0	77.8	116.8
145	31.0	23.6	35.4

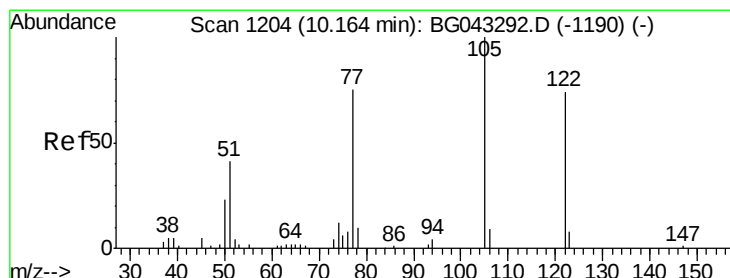
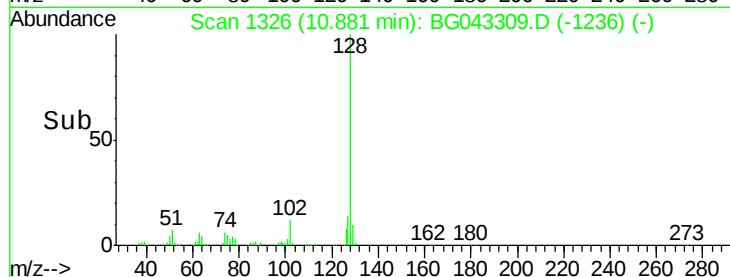
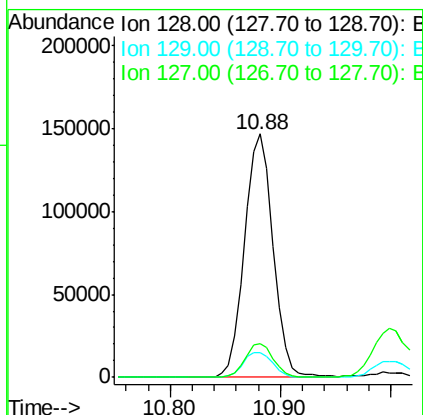
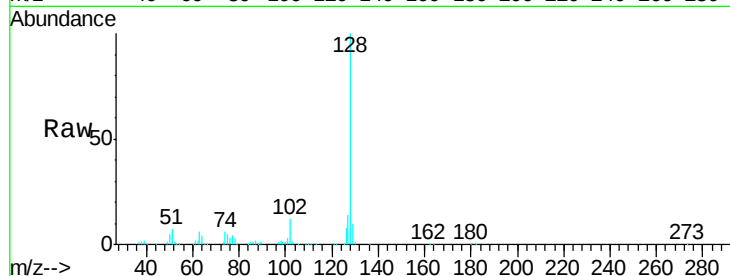




#31
Naphthalene
Concen: 35.598 ng
RT: 10.88 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BG043309.D
Acq: 23 Oct 2019 15:28

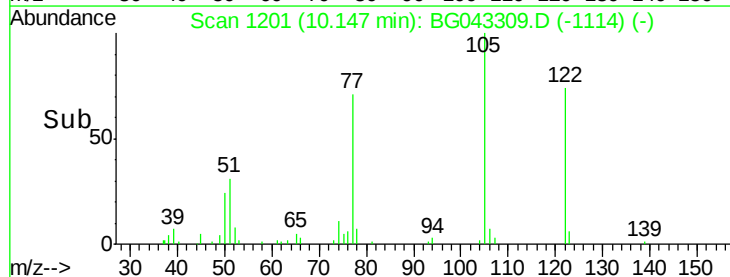
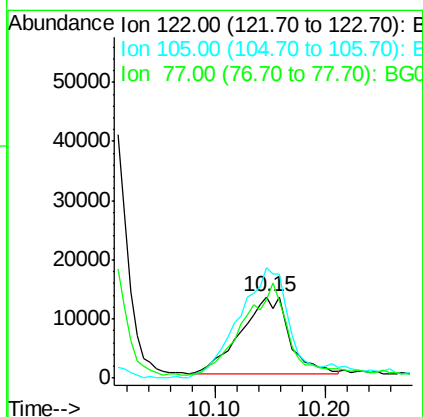
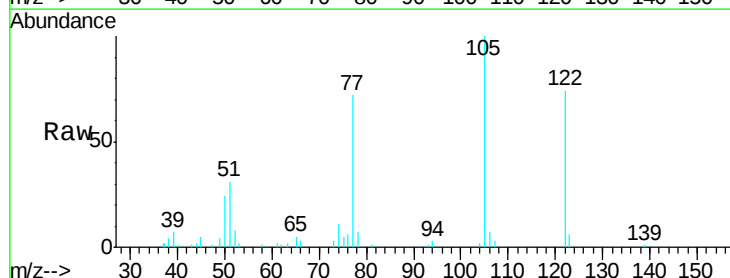
Instrument :
BNA_G
ClientSampleId :
PB124203BS

Tgt Ion:128 Resp: 267331
Ion Ratio Lower Upper
128 100
129 10.3 8.6 12.8
127 13.6 11.5 17.3



#32
Benzoic acid
Concen: 32.027 ng
RT: 10.15 min Scan# 1201
Delta R.T. -0.02 min
Lab File: BG043309.D
Acq: 23 Oct 2019 15:28

Tgt Ion:122 Resp: 40900
Ion Ratio Lower Upper
122 100
105 135.2 112.4 152.4
77 96.9 82.7 122.7

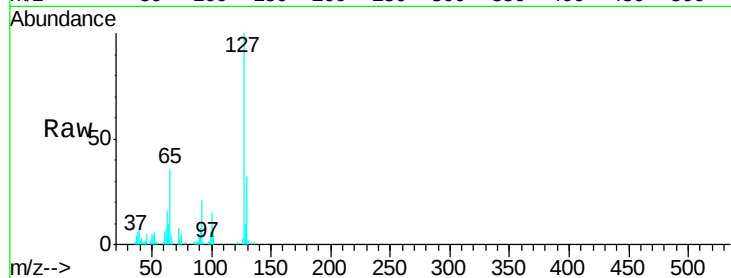




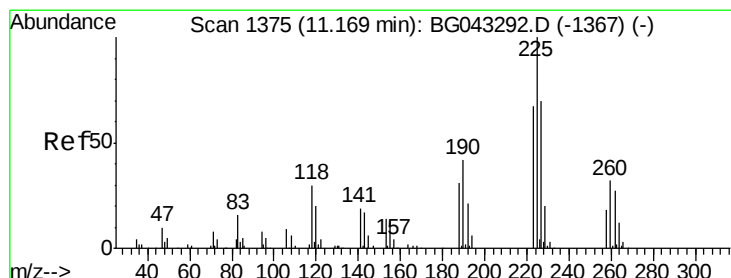
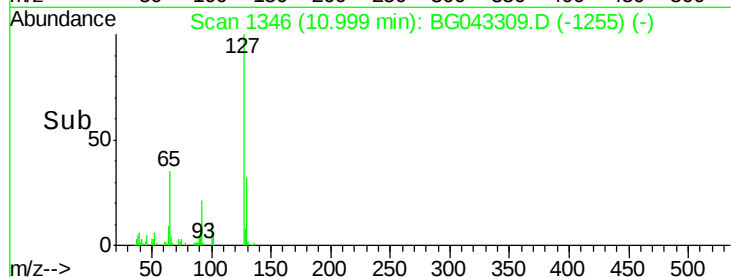
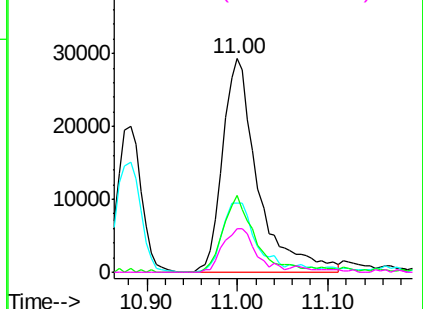
#33
4-Chloroaniline
Concen: 25.706 ng
RT: 11.00 min Scan# 1346
Delta R.T. 0.01 min
Lab File: BG043309.D
Acq: 23 Oct 2019 15:28

Instrument :
BNA_G
ClientSampleId :
PB124203BS

Tgt Ion:	127	Resp:	79131
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.8	38.8
65	36.0	26.2	39.2
92	20.5	17.0	25.4

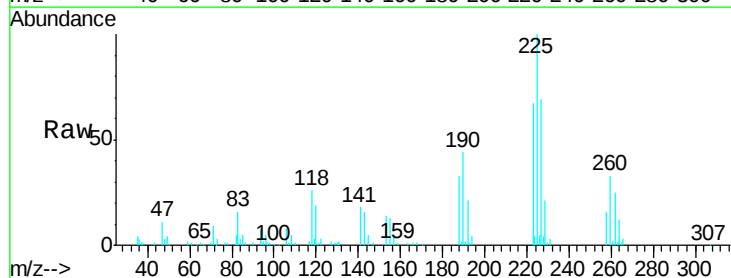


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

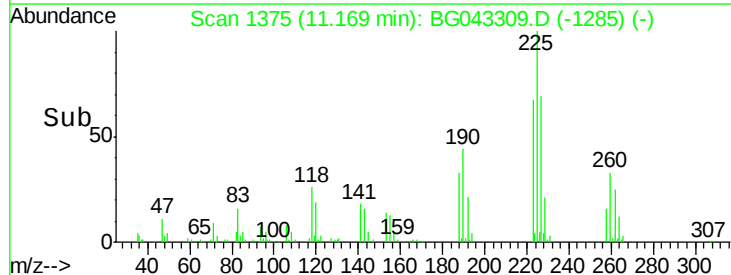
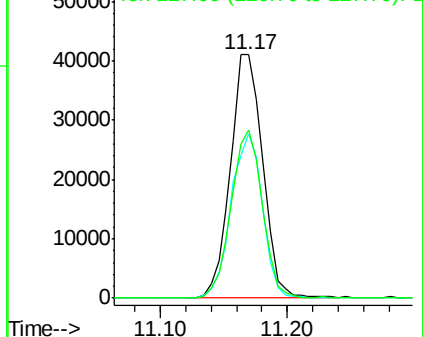


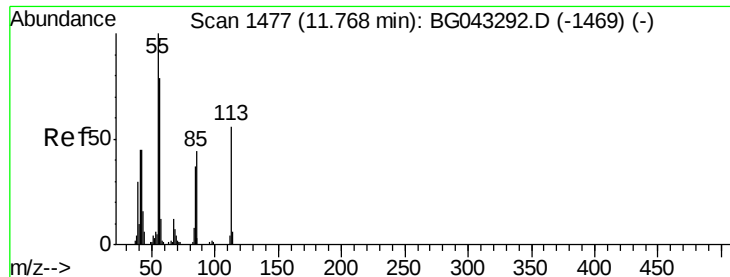
#34
Hexachlorobutadiene
Concen: 31.967 ng
RT: 11.17 min Scan# 1375
Delta R.T. 0.00 min
Lab File: BG043309.D
Acq: 23 Oct 2019 15:28

Tgt Ion:	225	Resp:	72186
Ion	Ratio	Lower	Upper
225	100		
223	67.2	53.2	79.8
227	68.9	56.2	84.2



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: 11.908 ng

RT: 11.76 min Scan# 1475

Delta R.T. -0.01 min

Lab File: BG043309.D

Acq: 23 Oct 2019 15:28

Instrument :

BNA_G

ClientSampleId :

PB124203BS

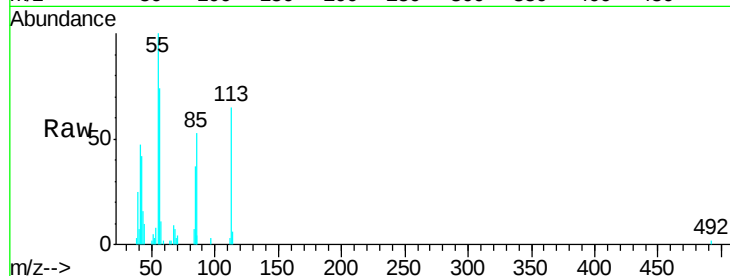
Tgt Ion:113 Resp: 9940

Ion Ratio Lower Upper

113 100

55 154.8 158.9 198.9#

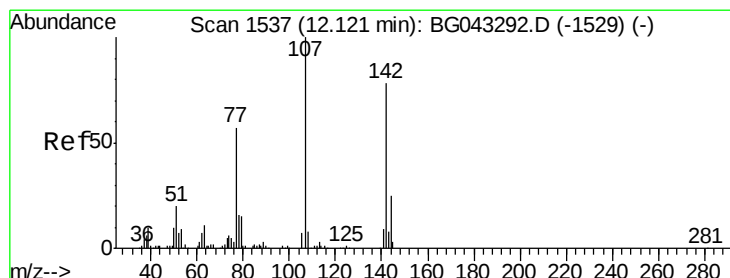
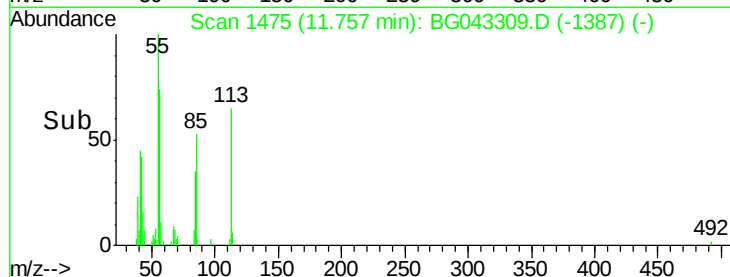
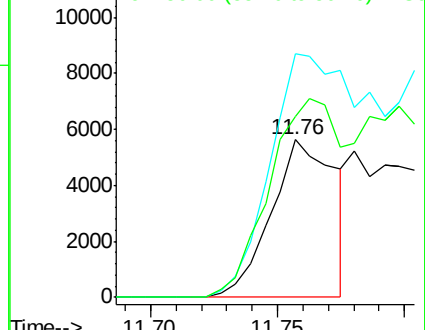
56 114.8 121.4 161.4#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 39.964 ng

RT: 12.12 min Scan# 1537

Delta R.T. 0.00 min

Lab File: BG043309.D

Acq: 23 Oct 2019 15:28

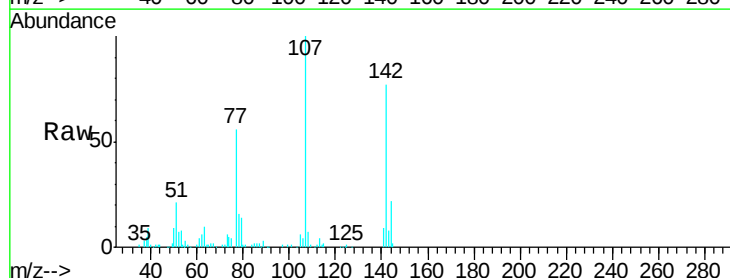
Tgt Ion:107 Resp: 105655

Ion Ratio Lower Upper

107 100

144 21.8 19.9 29.9

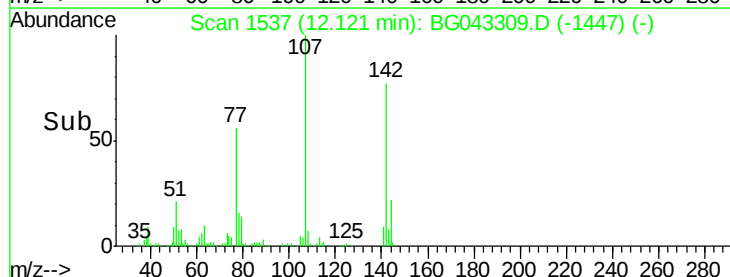
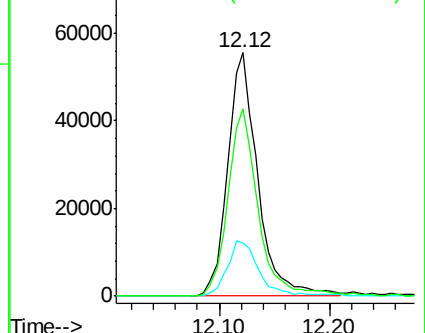
142 77.0 62.1 93.1



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

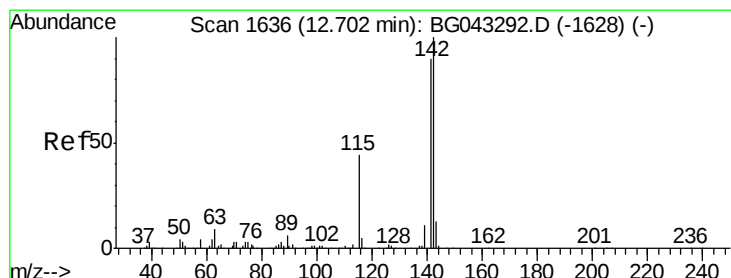
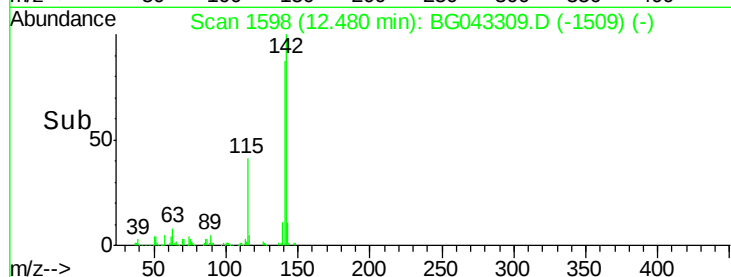
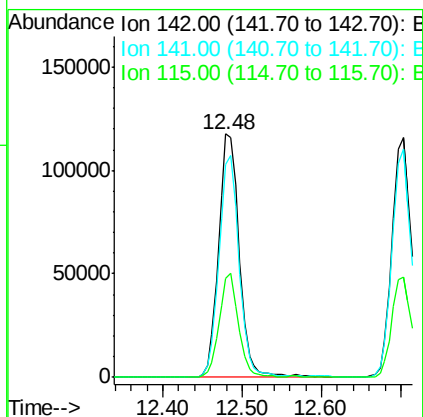
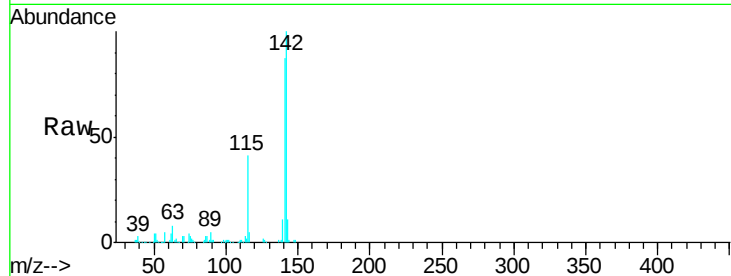




#37
 2-Methylnaphthalene
 Concen: 37.103 ng
 RT: 12.48 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BG043309.D
 Acq: 23 Oct 2019 15:28

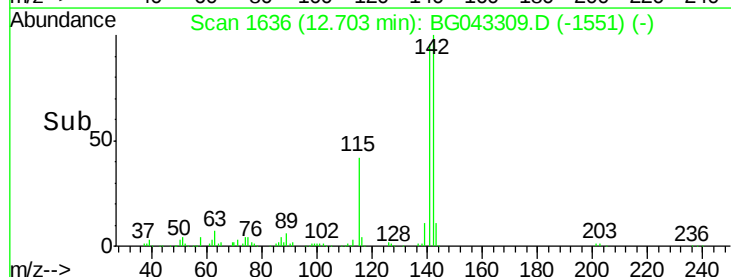
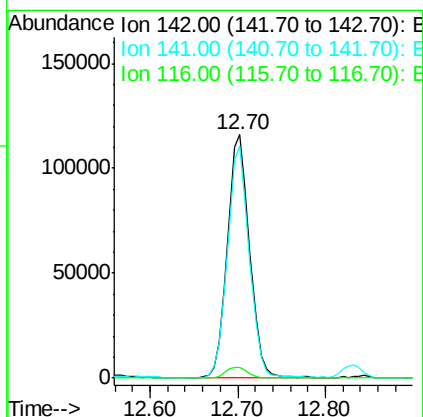
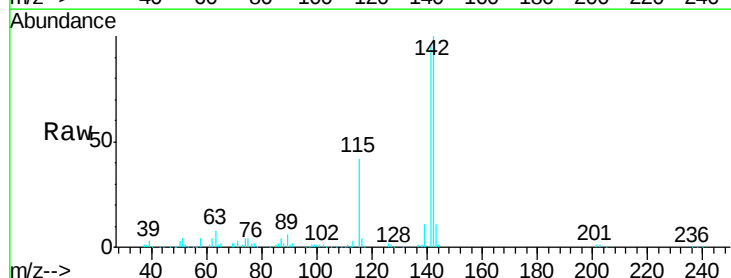
Instrument :
 BNA_G
 ClientSampleId :
 PB124203BS

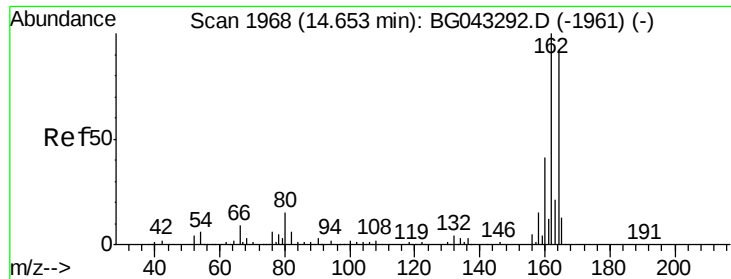
Tgt Ion:142 Resp: 213794
 Ion Ratio Lower Upper
 142 100
 141 87.2 69.7 104.5
 115 40.5 30.6 46.0



#38
 1-Methylnaphthalene
 Concen: 36.609 ng
 RT: 12.70 min Scan# 1636
 Delta R.T. 0.00 min
 Lab File: BG043309.D
 Acq: 23 Oct 2019 15:28

Tgt Ion:142 Resp: 200709
 Ion Ratio Lower Upper
 142 100
 141 95.1 72.3 108.5
 116 4.3 3.8 5.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1968

Delta R.T. 0.00 min

Lab File: BG043309.D

Acq: 23 Oct 2019 15:28

Instrument :

BNA_G

ClientSampleId :

PB124203BS

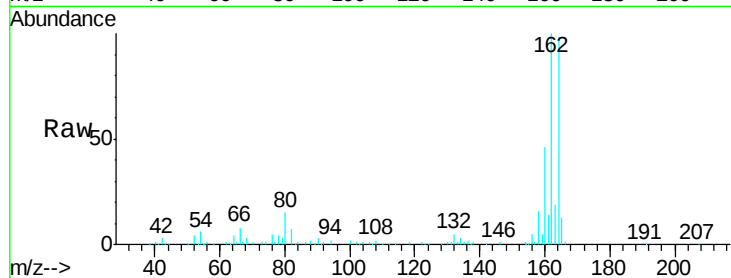
Tgt Ion:164 Resp: 116895

Ion Ratio Lower Upper

164 100

162 101.6 87.0 130.4

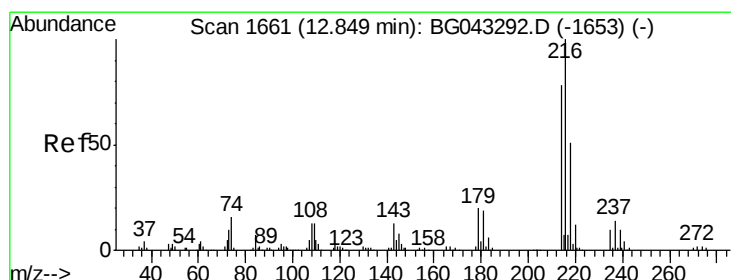
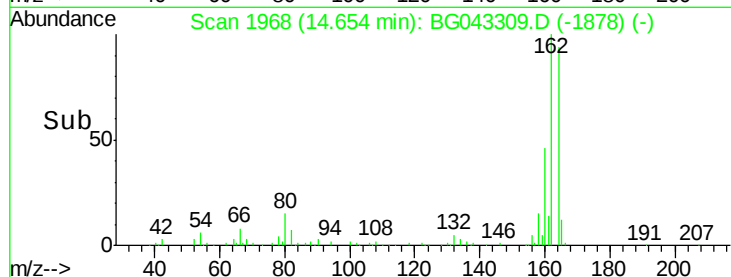
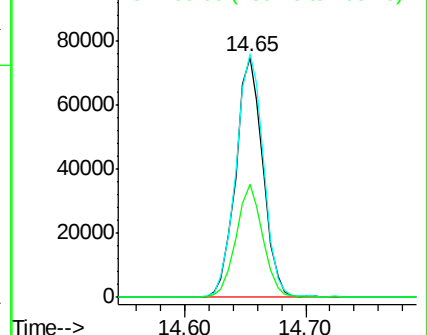
160 47.0 35.5 53.3



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: 31.167 ng

RT: 12.85 min Scan# 1661

Delta R.T. 0.00 min

Lab File: BG043309.D

Acq: 23 Oct 2019 15:28

Tgt Ion:216 Resp: 134832

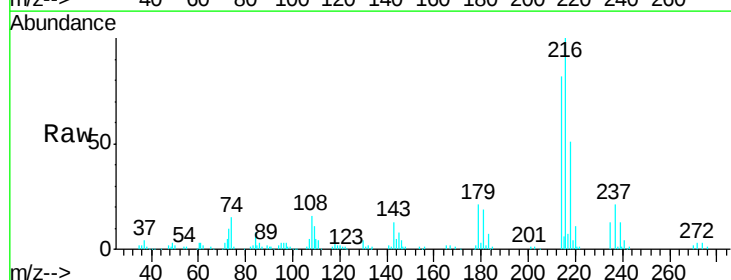
Ion Ratio Lower Upper

216 100

214 79.8 63.5 95.3

179 19.4 16.2 24.2

108 15.9 11.2 16.8

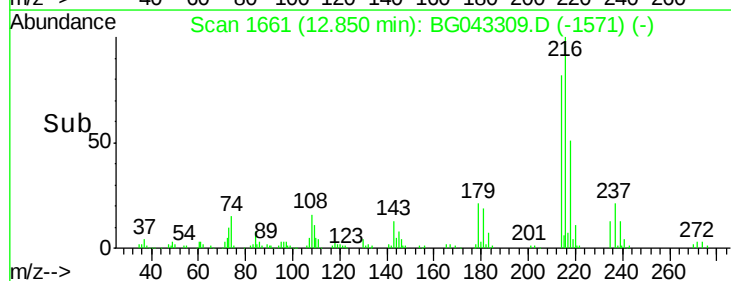
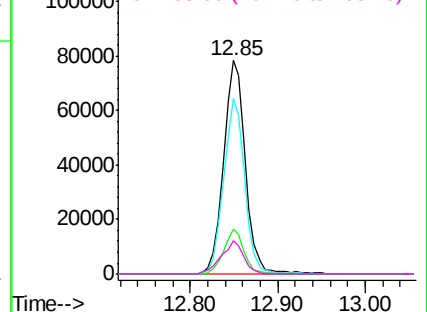


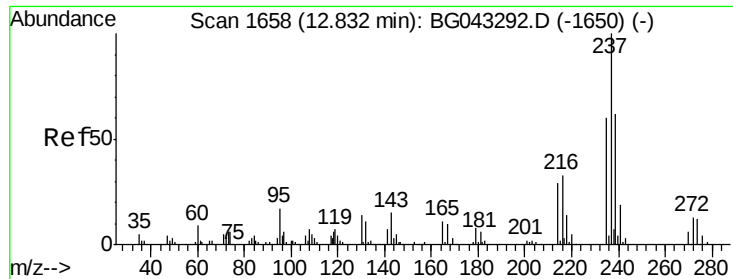
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 47.989 ng

RT: 12.83 min Scan# 1658

Delta R.T. 0.00 min

Lab File: BG043309.D

Acq: 23 Oct 2019 15:28

Instrument :

BNA_G

ClientSampleId :

PB124203BS

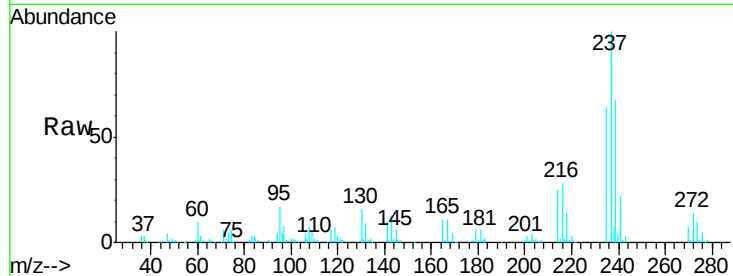
Tgt Ion:237 Resp: 109056

Ion Ratio Lower Upper

237 100

235 63.7 40.3 80.3

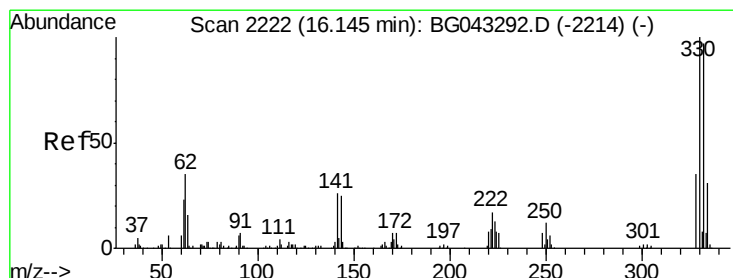
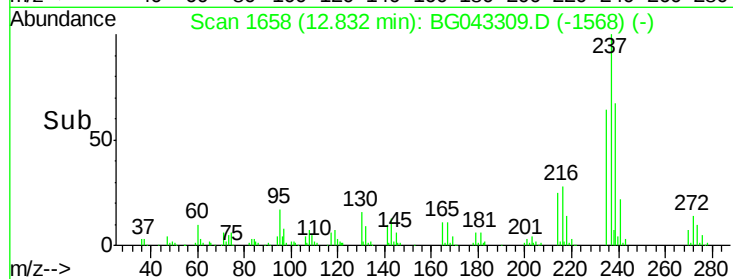
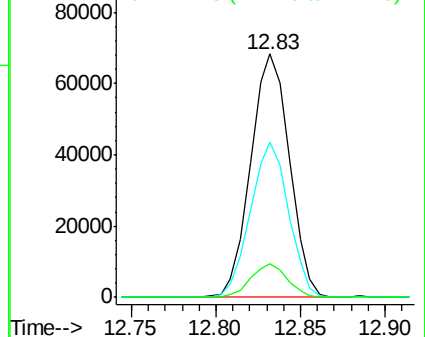
272 14.0 0.0 32.9



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: 97.581 ng

RT: 16.14 min Scan# 2221

Delta R.T. -0.01 min

Lab File: BG043309.D

Acq: 23 Oct 2019 15:28

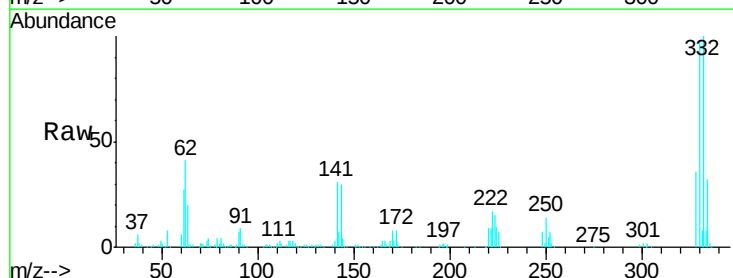
Tgt Ion:330 Resp: 217070

Ion Ratio Lower Upper

330 100

332 97.8 76.4 114.6

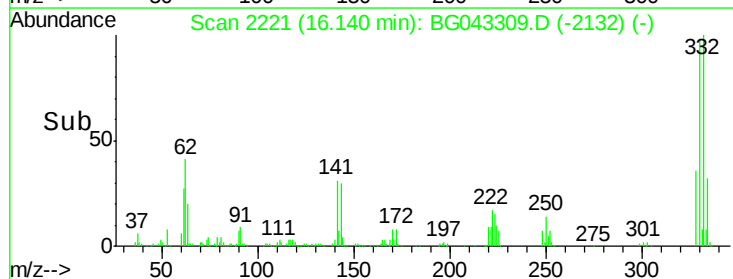
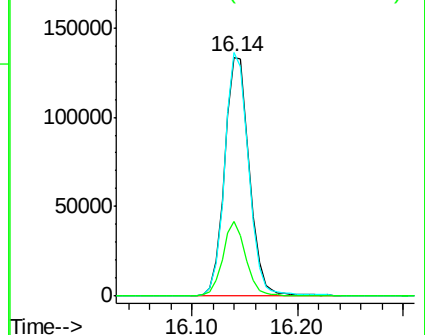
141 29.1 21.4 32.0

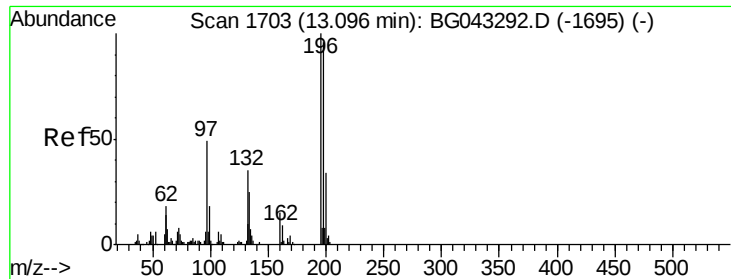


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

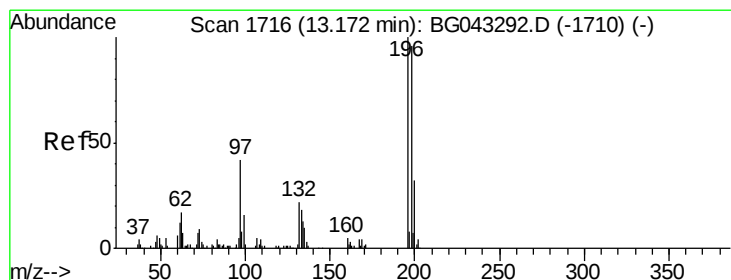
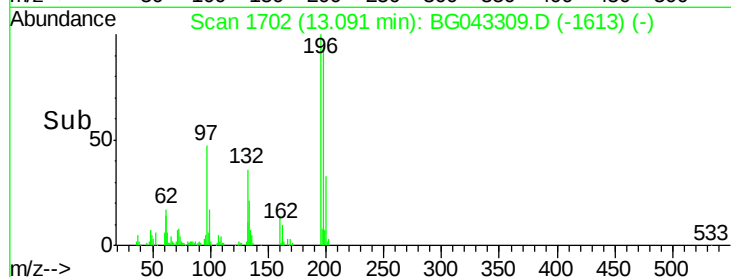
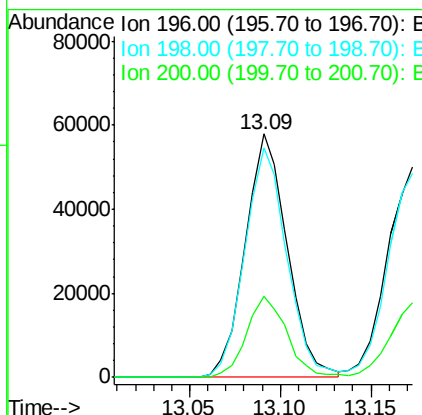
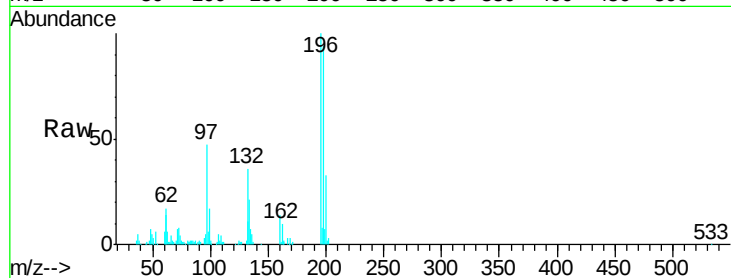




#43
 2,4,6-Trichlorophenol
 Concen: 36.605 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG043309.D
 Acq: 23 Oct 2019 15:28

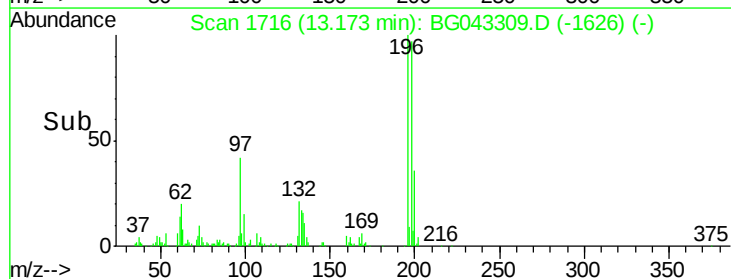
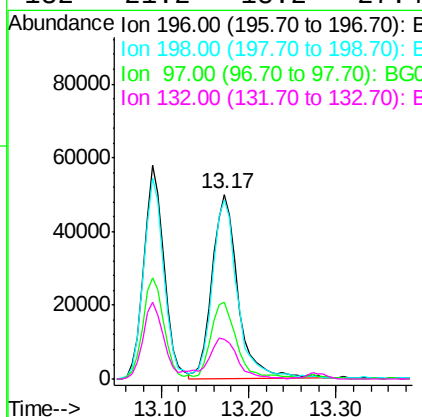
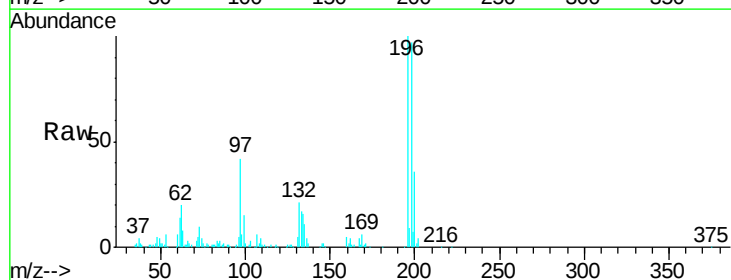
Instrument :
 BNA_G
 ClientSampleId :
 PB124203BS

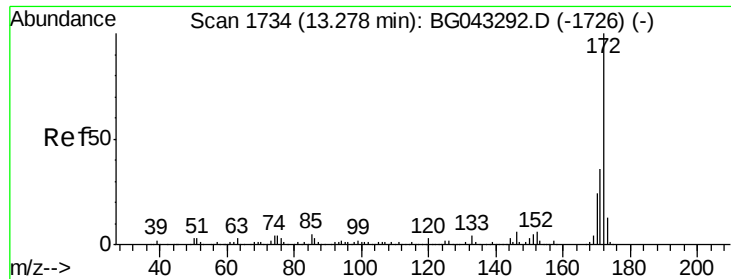
Tgt Ion:196 Resp: 93259
 Ion Ratio Lower Upper
 196 100
 198 94.2 77.0 115.4
 200 33.1 27.4 41.2



#44
 2,4,5-Trichlorophenol
 Concen: 39.952 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BG043309.D
 Acq: 23 Oct 2019 15:28

Tgt Ion:196 Resp: 102902
 Ion Ratio Lower Upper
 196 100
 198 96.8 76.6 114.8
 97 41.9 34.1 51.1
 132 21.2 18.2 27.4

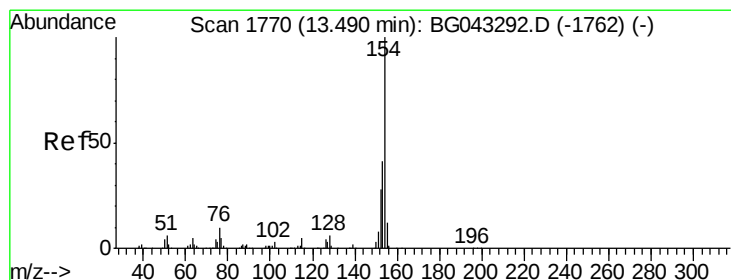
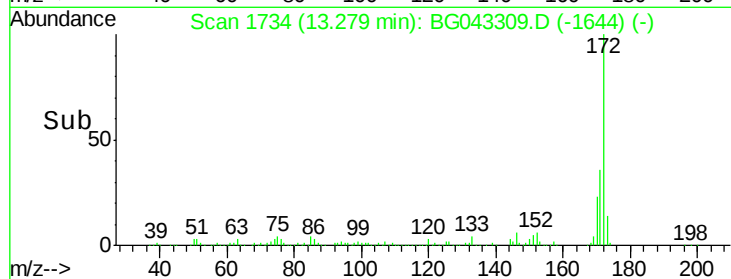
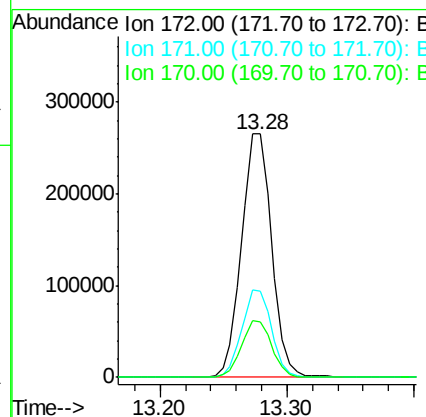
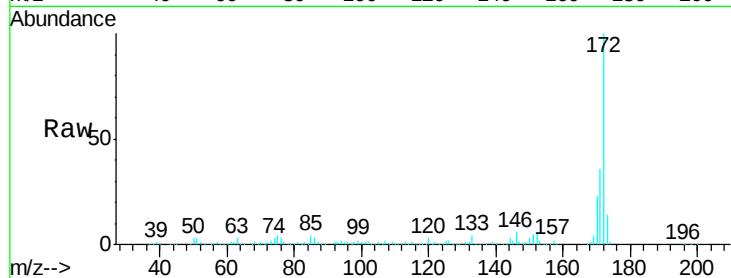




#45
2-Fluorobiphenyl
Concen: 51.711 ng
RT: 13.28 min Scan# 1734
Delta R.T. 0.00 min
Lab File: BG043309.D
Acq: 23 Oct 2019 15:28

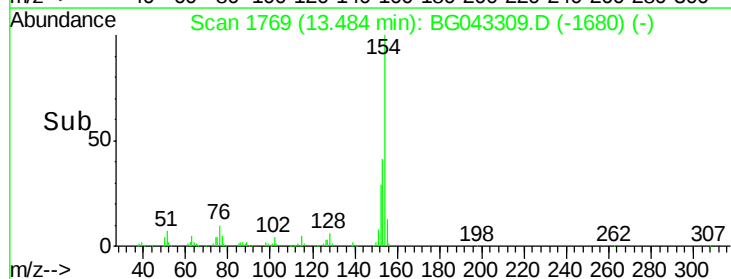
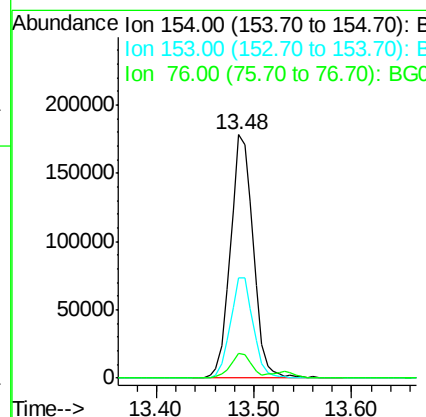
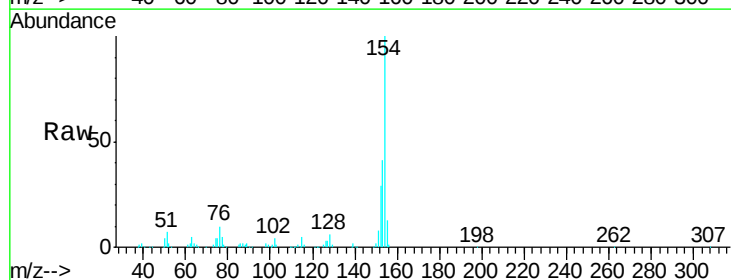
Instrument :
BNA_G
ClientSampleId :
PB124203BS

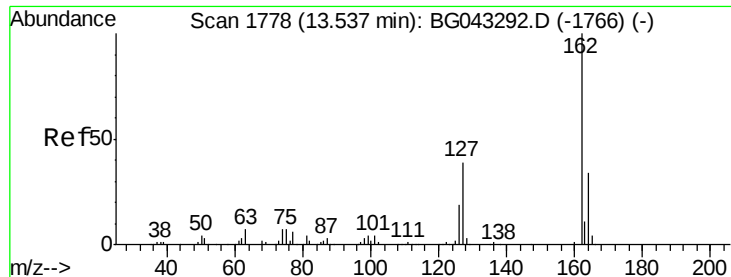
Tgt Ion:172 Resp: 437455
Ion Ratio Lower Upper
172 100
171 35.7 28.5 42.7
170 22.9 18.8 28.2



#46
1,1'-Biphenyl
Concen: 32.483 ng
RT: 13.48 min Scan# 1769
Delta R.T. -0.01 min
Lab File: BG043309.D
Acq: 23 Oct 2019 15:28

Tgt Ion:154 Resp: 288859
Ion Ratio Lower Upper
154 100
153 41.0 21.0 61.0
76 10.0 0.0 29.8

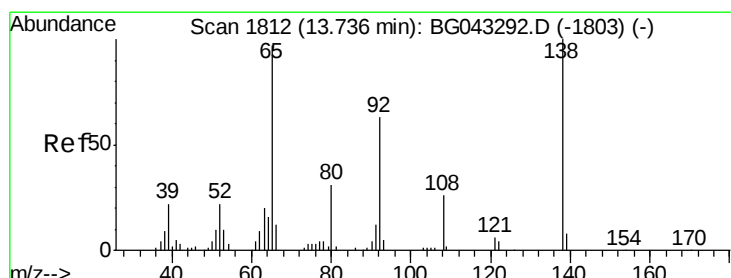
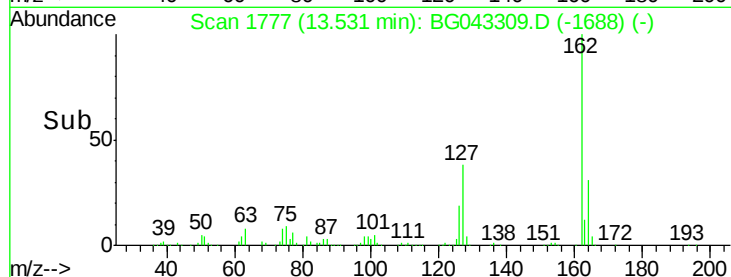
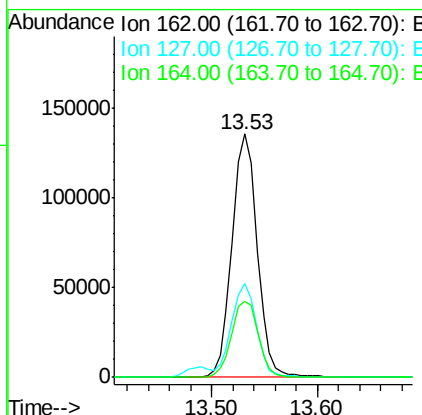
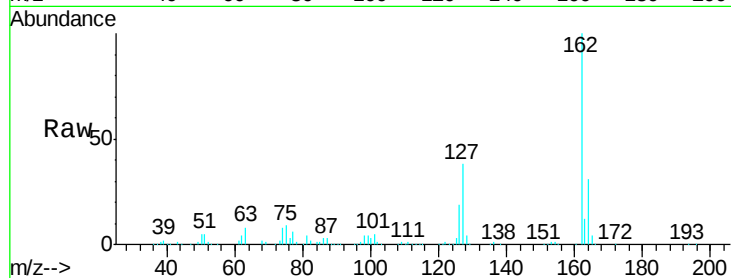




#47
 2-Chloronaphthalene
 Concen: 33.031 ng
 RT: 13.53 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BG043309.D
 Acq: 23 Oct 2019 15:28

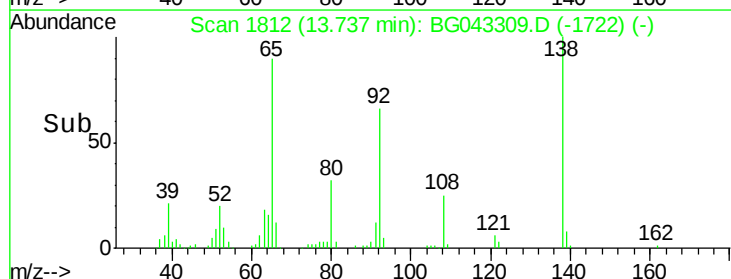
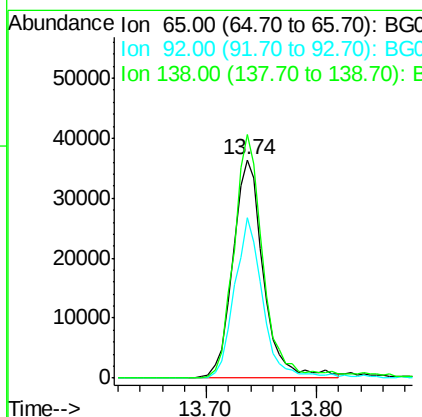
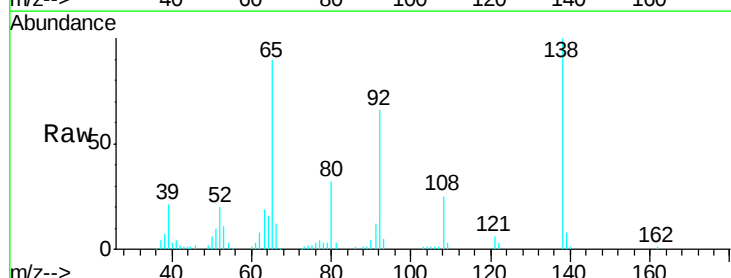
Instrument :
 BNA_G
 ClientSampleId :
 PB124203BS

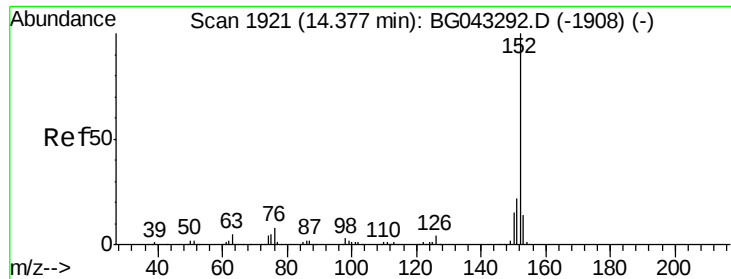
Tgt Ion: 162 Resp: 223494
 Ion Ratio Lower Upper
 162 100
 127 38.4 31.3 46.9
 164 31.3 26.8 40.2



#48
 2-Nitroaniline
 Concen: 35.008 ng
 RT: 13.74 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: BG043309.D
 Acq: 23 Oct 2019 15:28

Tgt Ion: 65 Resp: 70797
 Ion Ratio Lower Upper
 65 100
 92 73.3 52.6 79.0
 138 111.4 82.9 124.3





#49

Acenaphthylene

Concen: 35.456 ng

RT: 14.38 min Scan# 1921

Delta R.T. 0.00 min

Lab File: BG043309.D

Acq: 23 Oct 2019 15:28

Instrument :

BNA_G

ClientSampleId :

PB124203BS

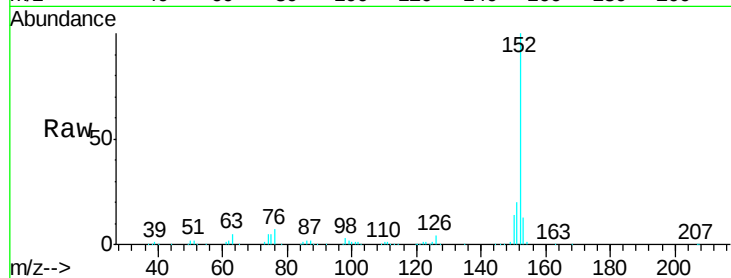
Tgt Ion:152 Resp: 373374

Ion Ratio Lower Upper

152 100

151 20.3 17.2 25.8

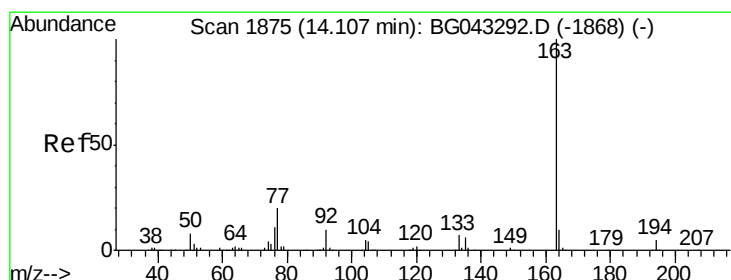
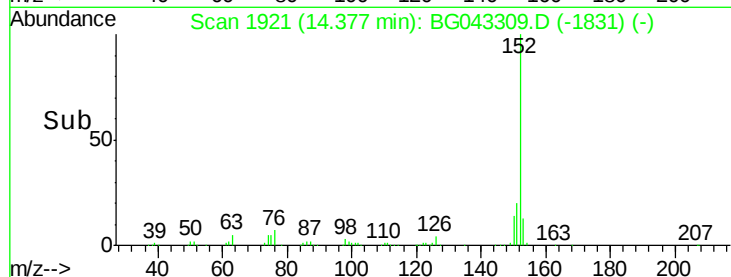
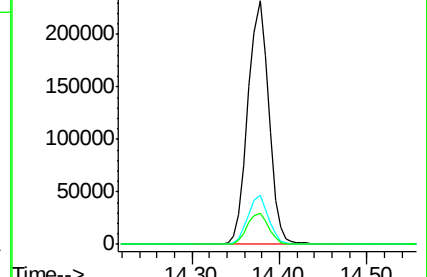
153 13.0 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 35.090 ng

RT: 14.11 min Scan# 1875

Delta R.T. 0.00 min

Lab File: BG043309.D

Acq: 23 Oct 2019 15:28

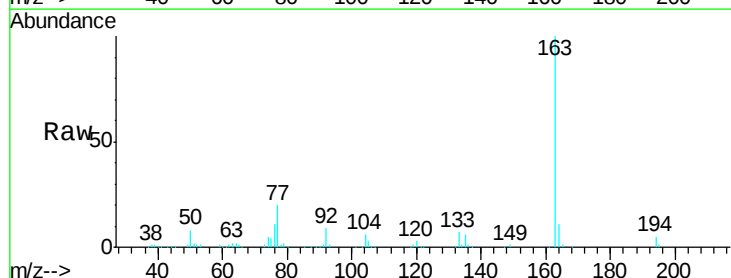
Tgt Ion:163 Resp: 317713

Ion Ratio Lower Upper

163 100

194 5.4 3.7 5.5

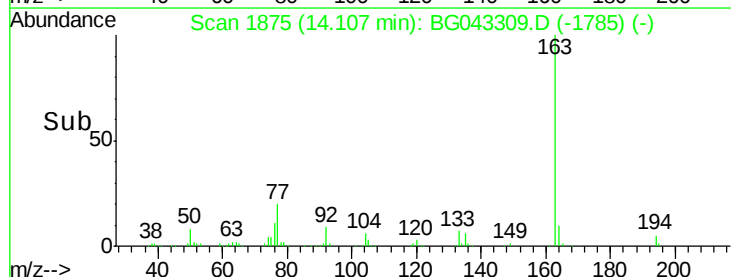
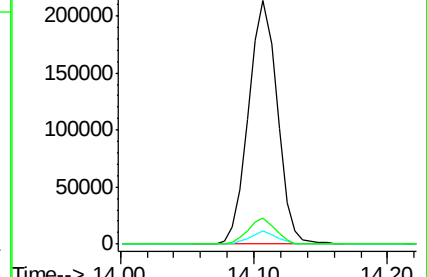
164 10.6 8.1 12.1

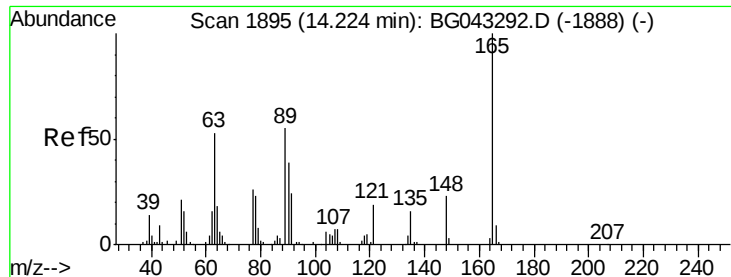


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

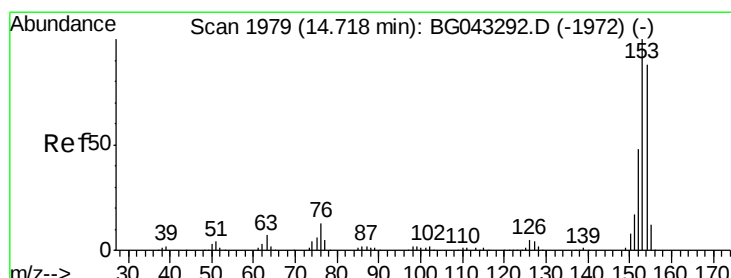
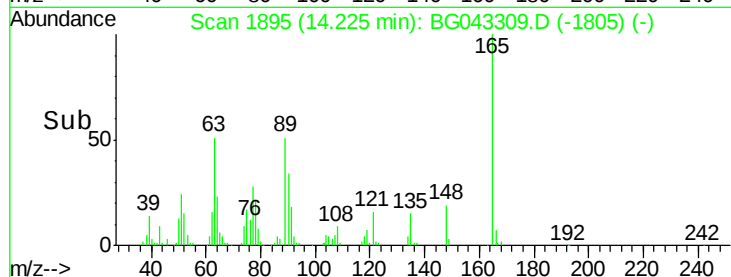
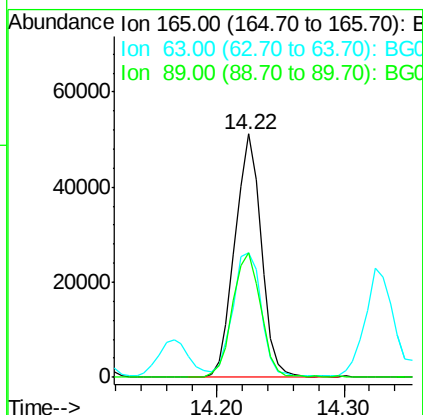
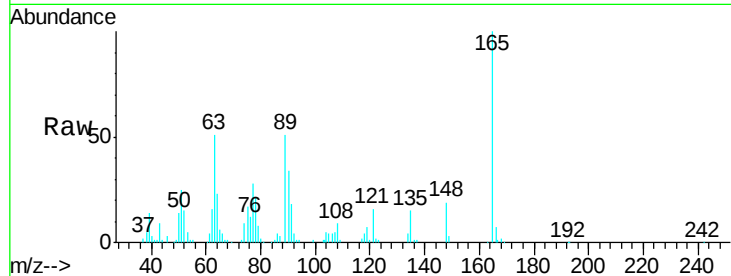




#51
 2,6-Dinitrotoluene
 Concen: 37.550 ng
 RT: 14.22 min Scan# 1895
 Delta R.T. 0.00 min
 Lab File: BG043309.D
 Acq: 23 Oct 2019 15:28

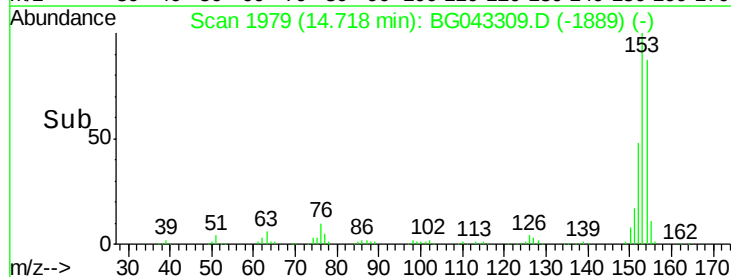
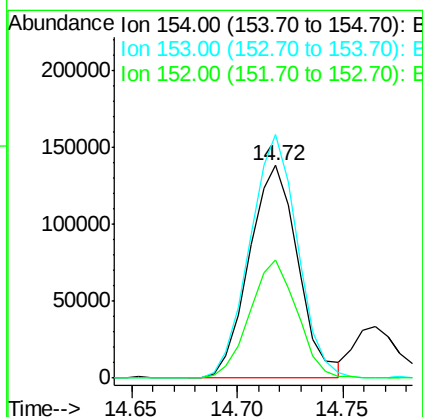
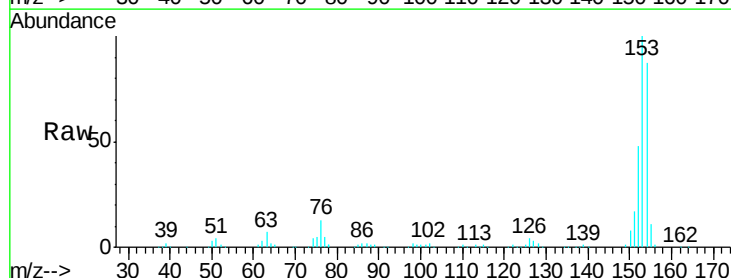
Instrument :
 BNA_G
 ClientSampleId :
 PB124203BS

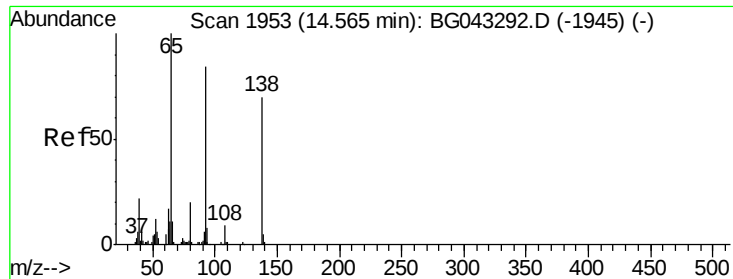
Tgt Ion:165 Resp: 73863
 Ion Ratio Lower Upper
 165 100
 63 51.4 47.1 70.7
 89 51.1 43.7 65.5



#52
 Acenaphthene
 Concen: 34.694 ng
 RT: 14.72 min Scan# 1979
 Delta R.T. 0.00 min
 Lab File: BG043309.D
 Acq: 23 Oct 2019 15:28

Tgt Ion:154 Resp: 222802
 Ion Ratio Lower Upper
 154 100
 153 114.6 90.9 136.3
 152 55.5 43.9 65.9

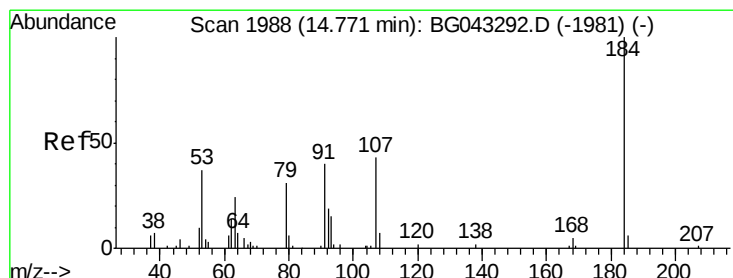
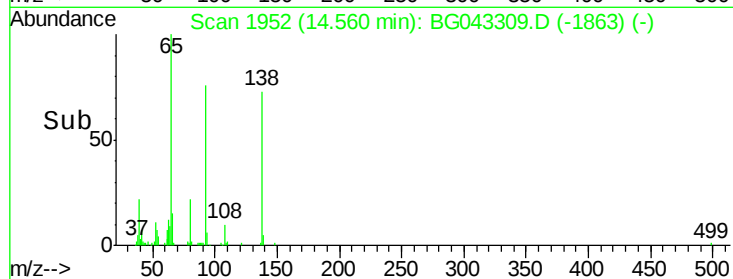
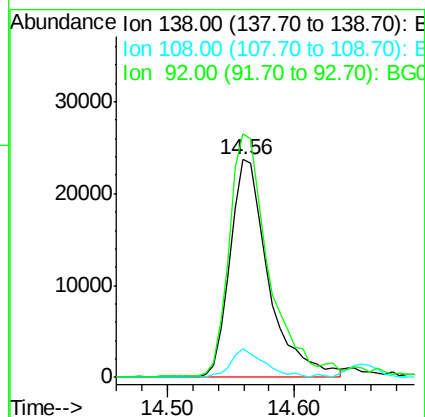
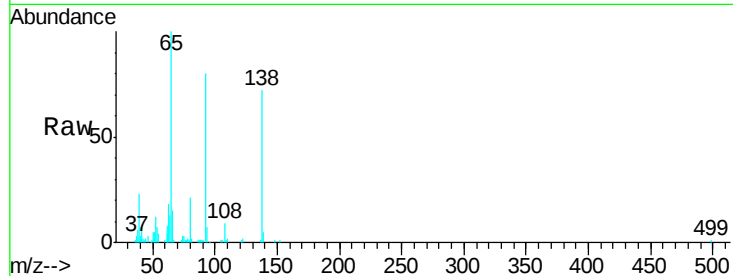




#53
3-Nitroaniline
Concen: 26.137 ng
RT: 14.56 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BG043309.D
Acq: 23 Oct 2019 15:28

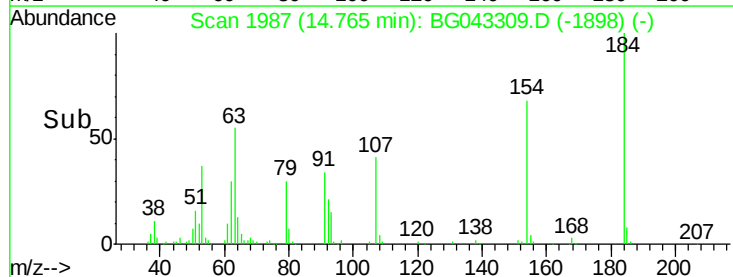
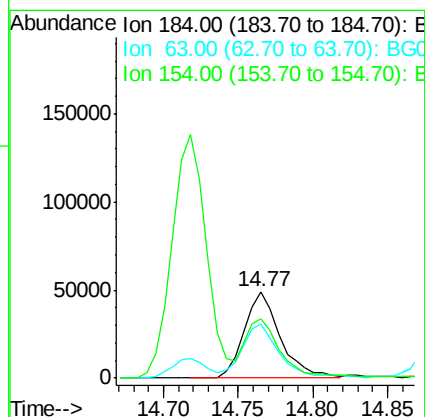
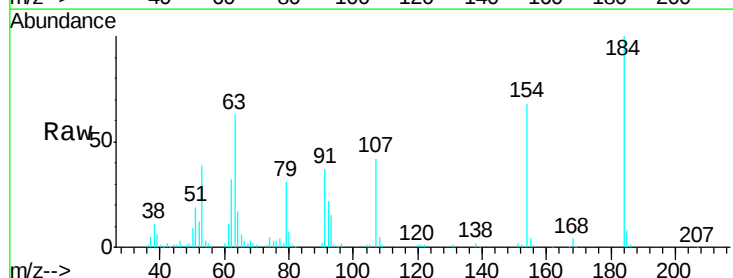
Instrument :
BNA_G
ClientSampleId :
PB124203BS

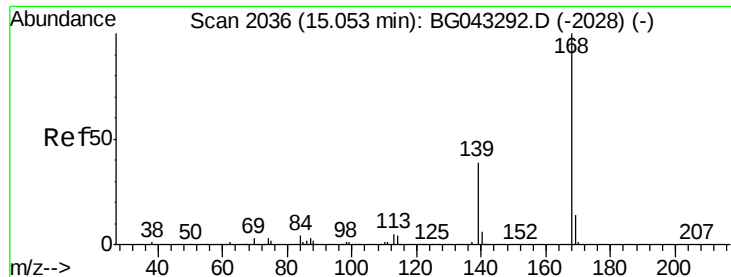
Tgt Ion:138 Resp: 49637
Ion Ratio Lower Upper
138 100
108 13.2 9.8 14.6
92 111.8 95.8 143.6



#54
2,4-Dinitrophenol
Concen: 68.312 ng
RT: 14.77 min Scan# 1987
Delta R.T. -0.00 min
Lab File: BG043309.D
Acq: 23 Oct 2019 15:28

Tgt Ion:184 Resp: 82471
Ion Ratio Lower Upper
184 100
63 63.2 48.8 73.2
154 67.7 49.4 74.0

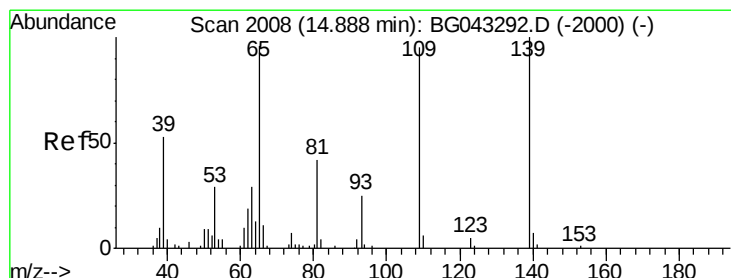
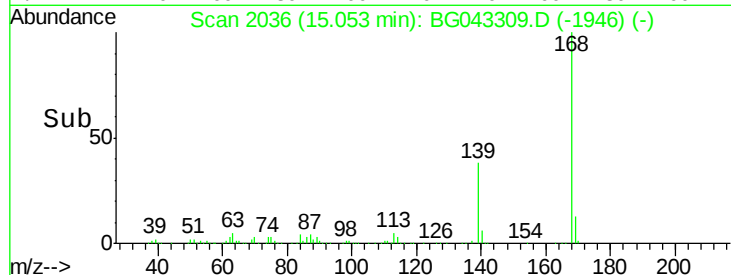
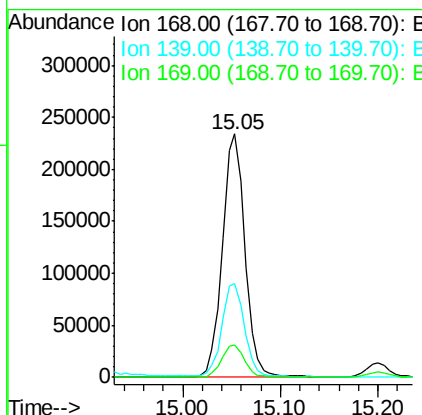
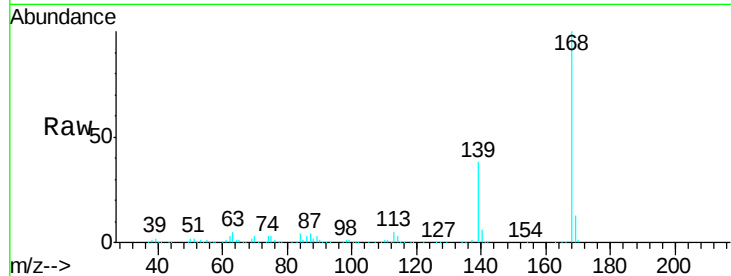




#55
Dibenzenofuran
Concen: 36.026 ng
RT: 15.05 min Scan# 2036
Delta R.T. 0.00 min
Lab File: BG043309.D
Acq: 23 Oct 2019 15:28

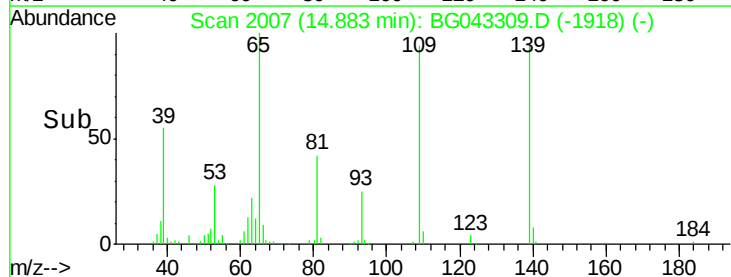
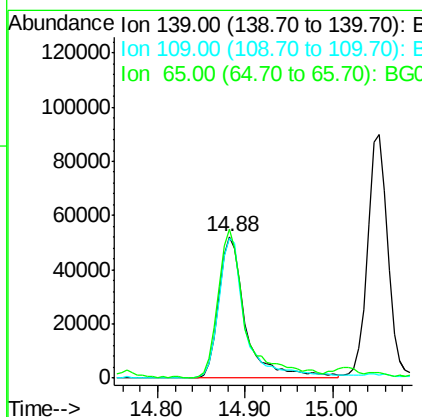
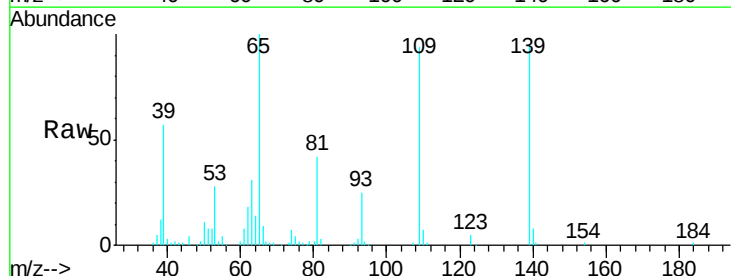
Instrument :
BNA_G
ClientSampleId :
PB124203BS

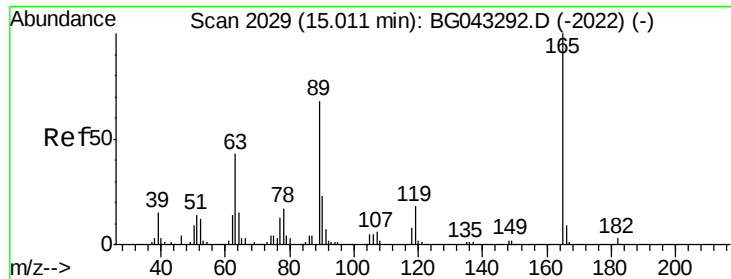
Tgt Ion:168 Resp: 375179
Ion Ratio Lower Upper
168 100
139 38.4 31.7 47.5
169 13.4 11.0 16.4



#56
4-Nitrophenol
Concen: 87.841 ng
RT: 14.88 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BG043309.D
Acq: 23 Oct 2019 15:28

Tgt Ion:139 Resp: 111792
Ion Ratio Lower Upper
139 100
109 98.7 75.4 115.4
65 105.1 76.6 116.6

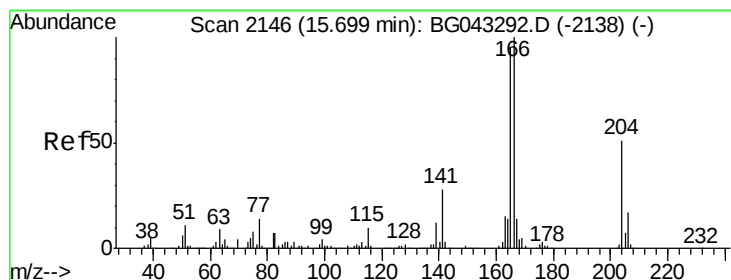
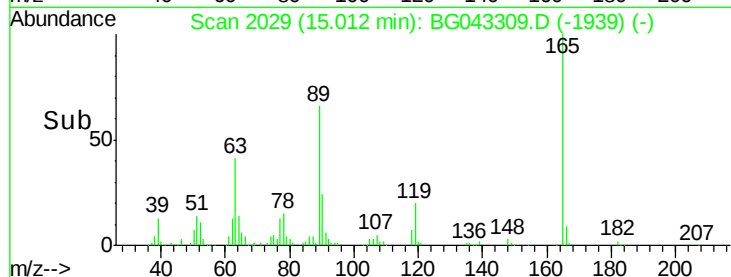
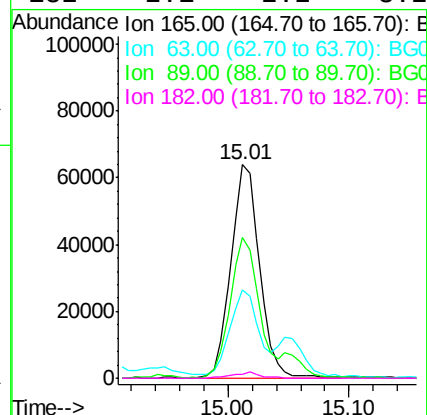
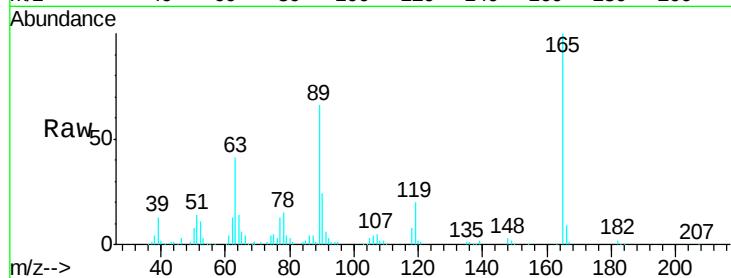




#57
2,4-Dinitrotoluene
Concen: 37.757 ng
RT: 15.01 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BG043309.D
Acq: 23 Oct 2019 15:28

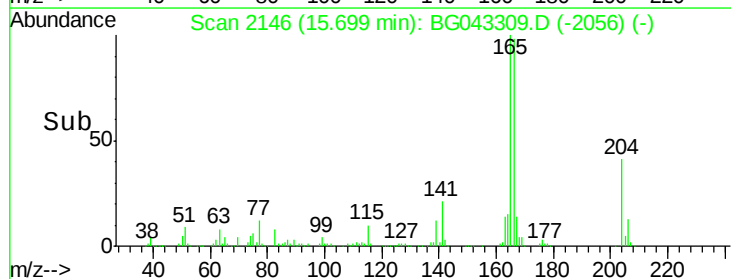
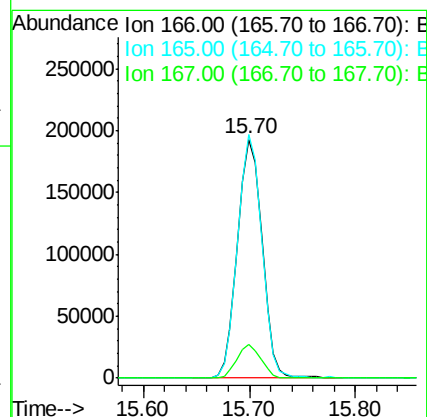
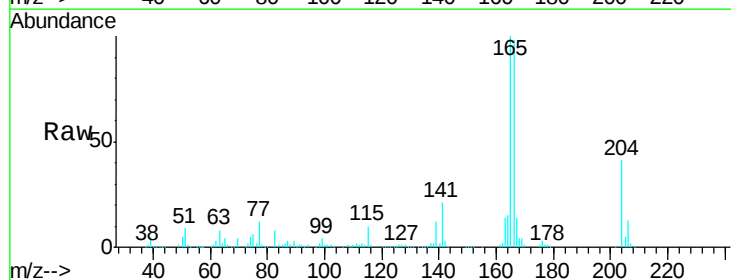
Instrument :
BNA_G
ClientSampleId :
PB124203BS

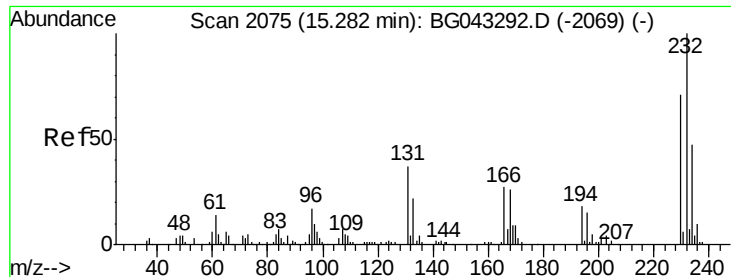
Tgt Ion:165 Resp: 106138
Ion Ratio Lower Upper
165 100
63 41.5 35.0 52.6
89 65.9 54.1 81.1
182 2.1 2.2 3.2#



#58
Fluorene
Concen: 35.715 ng
RT: 15.70 min Scan# 2146
Delta R.T. 0.00 min
Lab File: BG043309.D
Acq: 23 Oct 2019 15:28

Tgt Ion:166 Resp: 311958
Ion Ratio Lower Upper
166 100
165 101.9 76.4 114.6
167 14.2 11.1 16.7

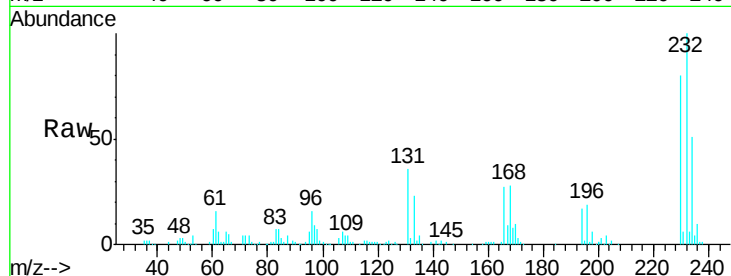




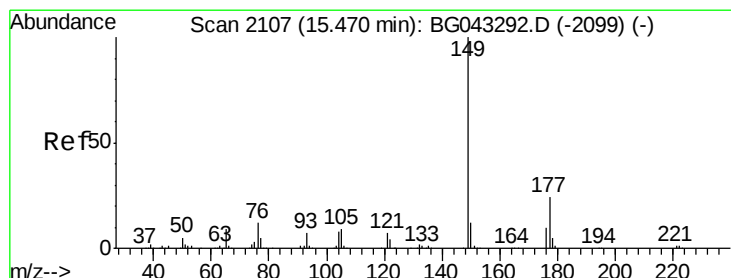
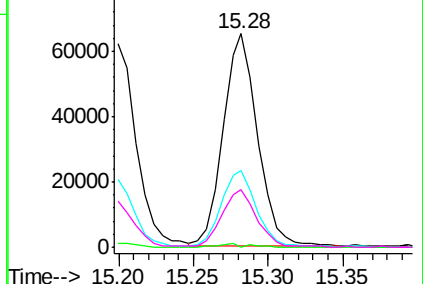
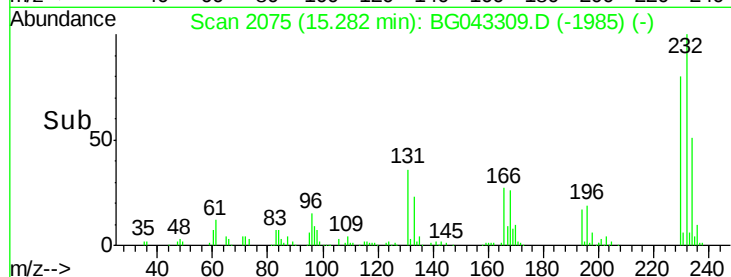
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.122 ng
 RT: 15.28 min Scan# 2075
 Delta R.T. 0.00 min
 Lab File: BG043309.D
 Acq: 23 Oct 2019 15:28

Instrument :
 BNA_G
 ClientSampleId :
 PB124203BS

Tgt Ion: 232 Resp: 104323
 Ion Ratio Lower Upper
 232 100
 131 37.6 28.7 43.1
 130 0.9 0.6 0.8#
 166 27.7 21.1 31.7

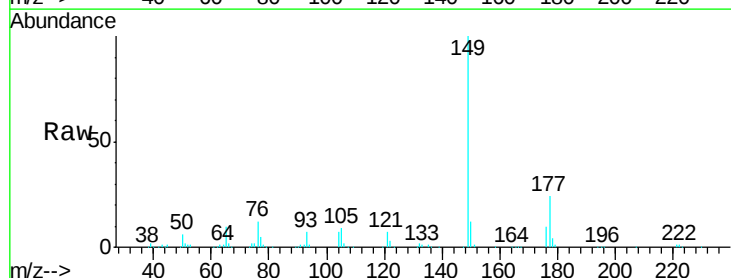


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

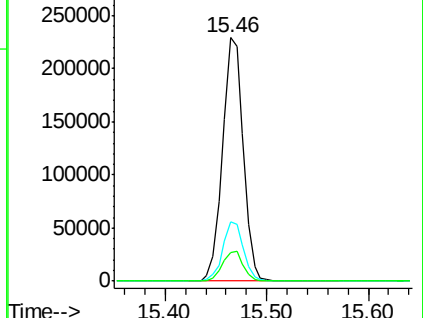
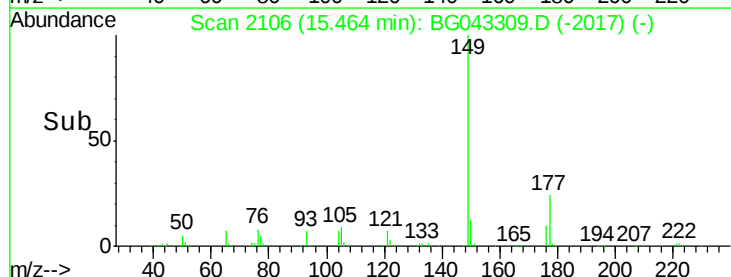


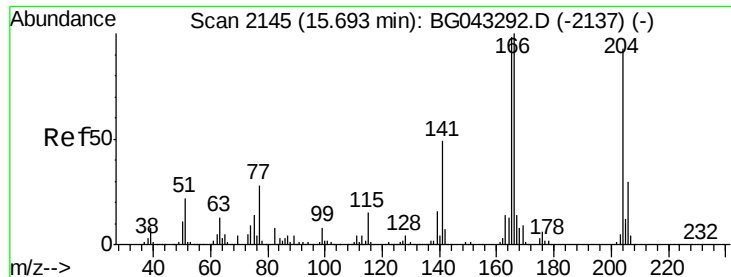
#60
 Diethylphthalate
 Concen: 35.771 ng
 RT: 15.46 min Scan# 2106
 Delta R.T. -0.01 min
 Lab File: BG043309.D
 Acq: 23 Oct 2019 15:28

Tgt Ion: 149 Resp: 325434
 Ion Ratio Lower Upper
 149 100
 177 24.2 19.0 28.4
 150 11.9 9.4 14.0



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

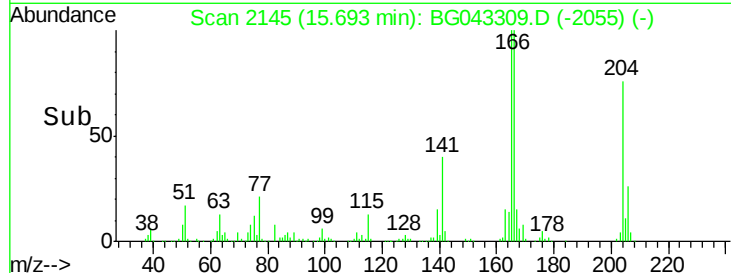
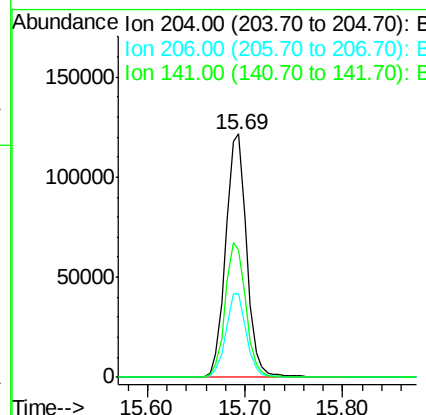
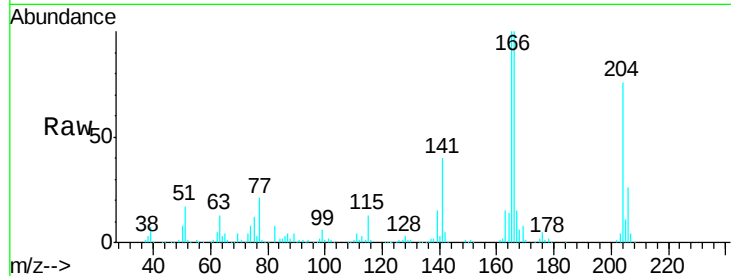




#61
 4-Chlorophenyl-phenylether
 Concen: 35.498 ng
 RT: 15.69 min Scan# 2145
 Delta R.T. 0.00 min
 Lab File: BG043309.D
 Acq: 23 Oct 2019 15:28

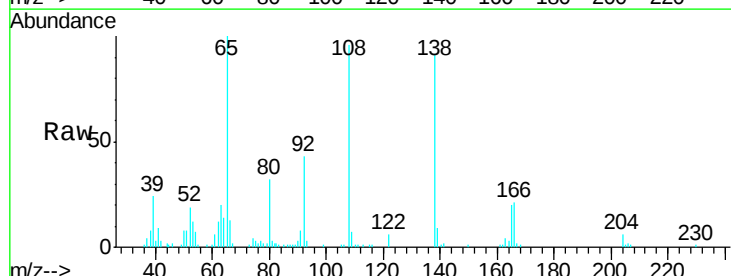
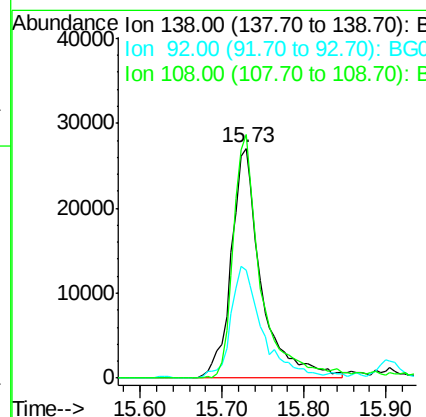
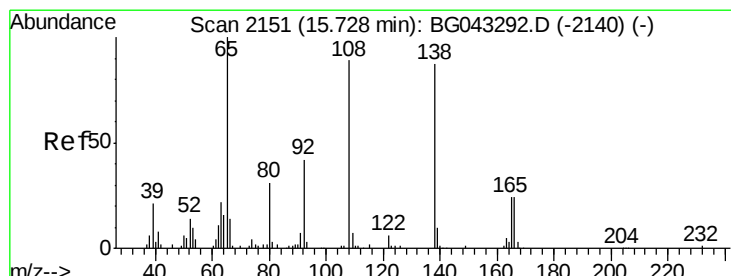
Instrument :
 BNA_G
 ClientSampleId :
 PB124203BS

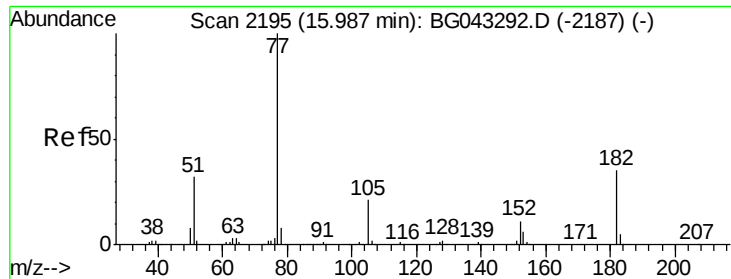
Tgt Ion: 204 Resp: 180882
 Ion Ratio Lower Upper
 204 100
 206 34.3 25.7 38.5
 141 52.0 42.3 63.5



#62
 4-Nitroaniline
 Concen: 35.364 ng
 RT: 15.73 min Scan# 2151
 Delta R.T. 0.00 min
 Lab File: BG043309.D
 Acq: 23 Oct 2019 15:28

Tgt Ion: 138 Resp: 69360
 Ion Ratio Lower Upper
 138 100
 92 46.8 28.8 68.8
 108 105.8 82.7 122.7

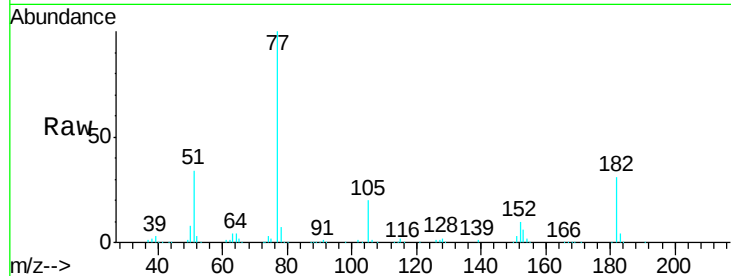




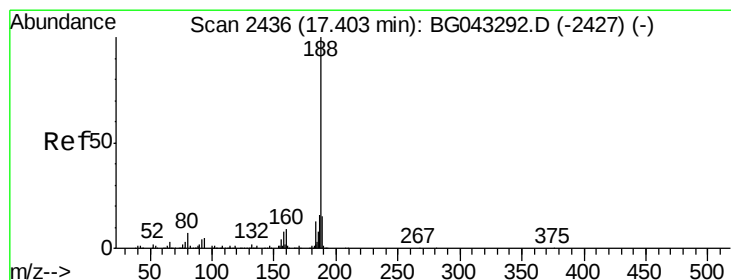
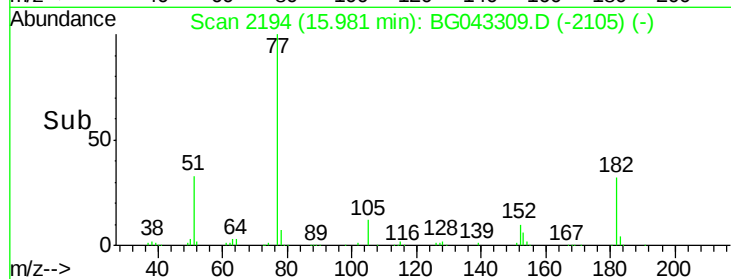
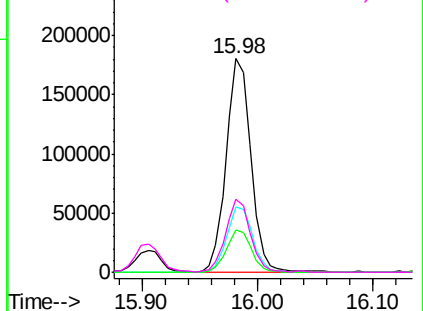
#63
Azobenzene
Concen: 36.329 ng
RT: 15.98 min Scan# 2194
Delta R.T. -0.01 min
Lab File: BG043309.D
Acq: 23 Oct 2019 15:28

Instrument :
BNA_G
ClientSampleId :
PB124203BS

Tgt Ion	Ratio	Lower	Upper
77	100		
182	30.7	14.9	54.9
105	19.6	0.6	40.6
51	34.1	12.5	52.5

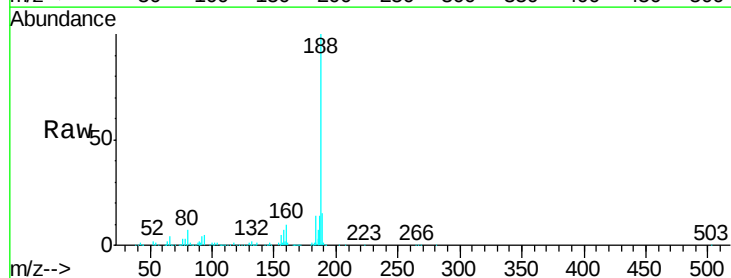


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

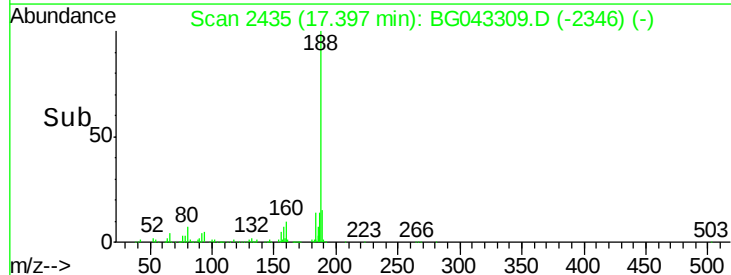
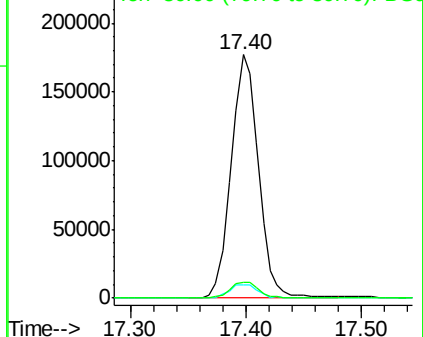


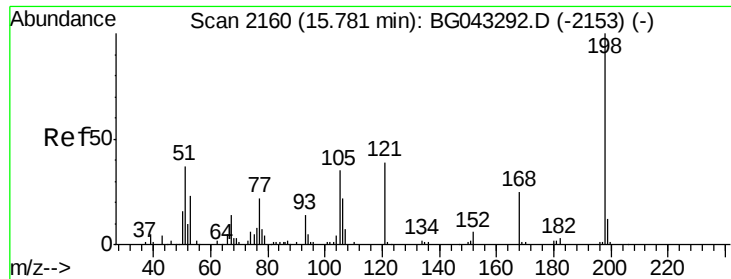
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG043309.D
Acq: 23 Oct 2019 15:28

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.2	4.2	6.2
80	6.5	5.2	7.8



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

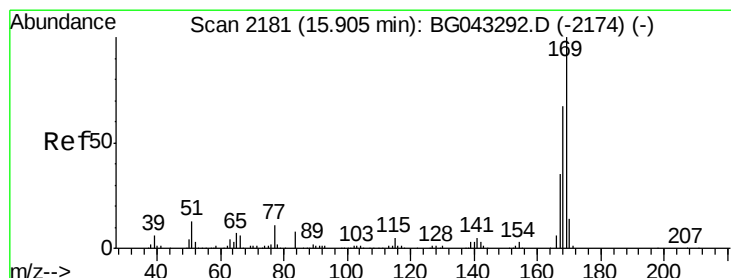
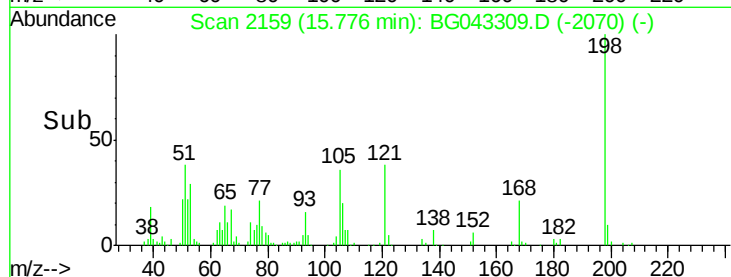
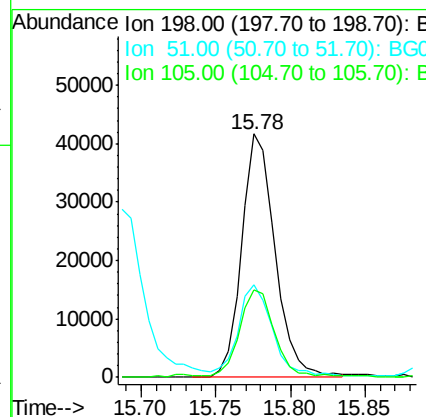
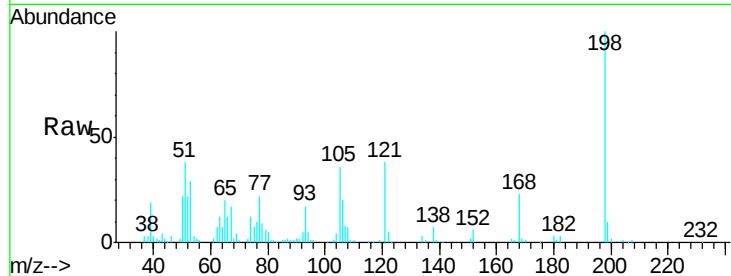




#65
 4,6-Dinitro-2-methylphenol
 Concen: 37.755 ng
 RT: 15.78 min Scan# 2159
 Delta R.T. -0.01 min
 Lab File: BG043309.D
 Acq: 23 Oct 2019 15:28

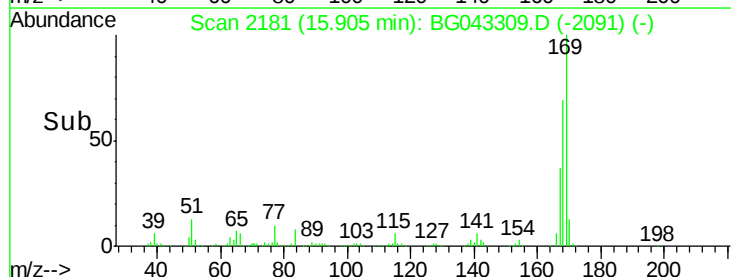
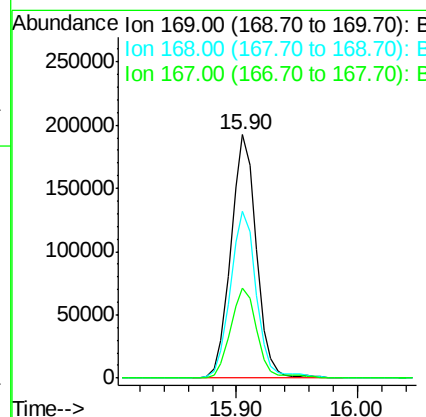
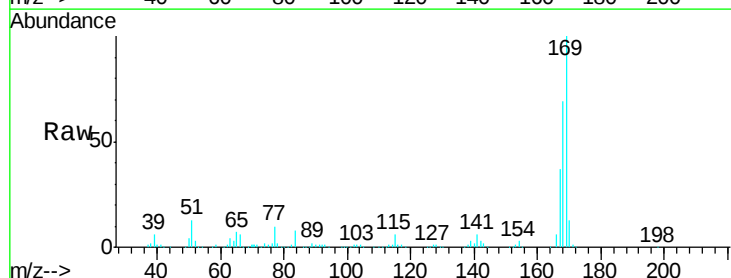
Instrument :
 BNA_G
 ClientSampleId :
 PB124203BS

Tgt Ion	Ratio	Lower	Upper
198	100		
51	38.1	21.4	61.4
105	36.0	16.5	56.5



#66
 n-Nitrosodiphenylamine
 Concen: 34.541 ng
 RT: 15.90 min Scan# 2181
 Delta R.T. 0.00 min
 Lab File: BG043309.D
 Acq: 23 Oct 2019 15:28

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.8	53.9	80.9
167	37.1	28.3	42.5

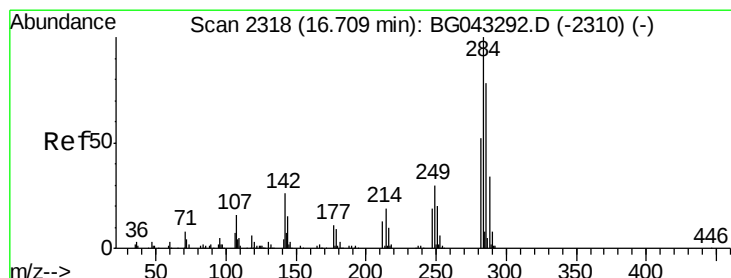
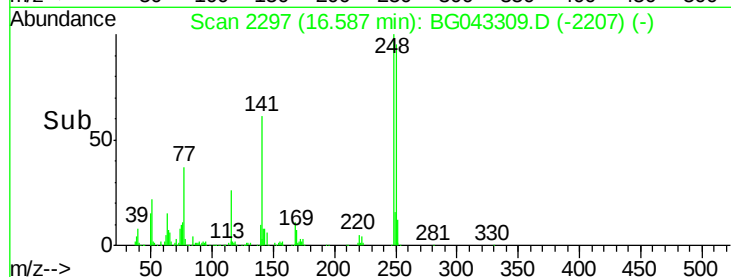
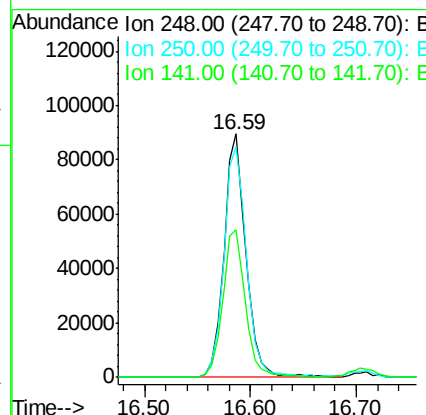
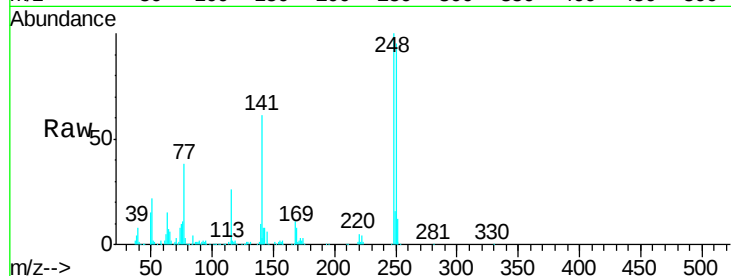




#67
 4-Bromophenyl-phenylether
 Concen: 33.055 ng
 RT: 16.59 min Scan# 2297
 Delta R.T. 0.00 min
 Lab File: BG043309.D
 Acq: 23 Oct 2019 15:28

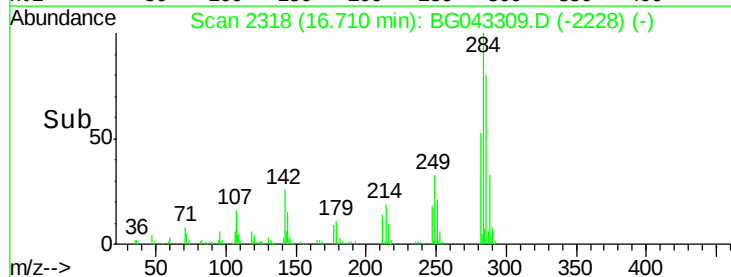
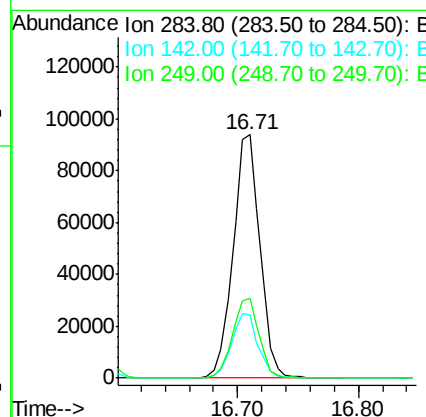
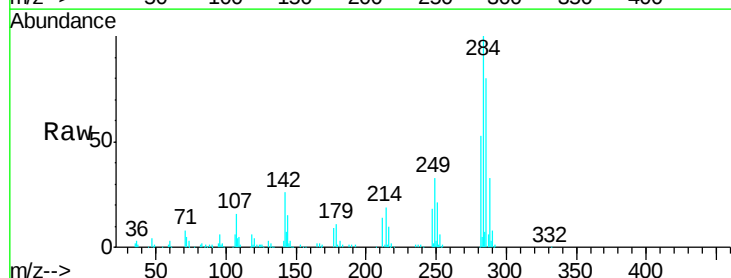
Instrument :
 BNA_G
 ClientSampleId :
 PB124203BS

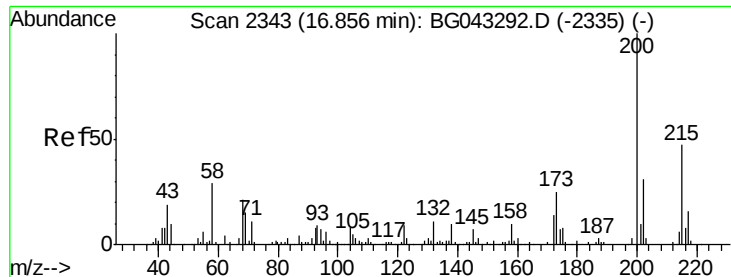
Tgt Ion	Ratio	Lower	Upper
248	100		
250	94.9	79.3	118.9
141	60.6	47.9	71.9



#68
 Hexachlorobenzene
 Concen: 32.315 ng
 RT: 16.71 min Scan# 2318
 Delta R.T. 0.00 min
 Lab File: BG043309.D
 Acq: 23 Oct 2019 15:28

Tgt Ion	Ratio	Lower	Upper
284	100		
142	25.7	21.1	31.7
249	32.5	24.4	36.6





#69

Atrazine

Concen: 43.630 ng

RT: 16.85 min Scan# 2342

Delta R.T. -0.01 min

Lab File: BG043309.D

Acq: 23 Oct 2019 15:28

Instrument :

BNA_G

ClientSampled :

PB124203BS

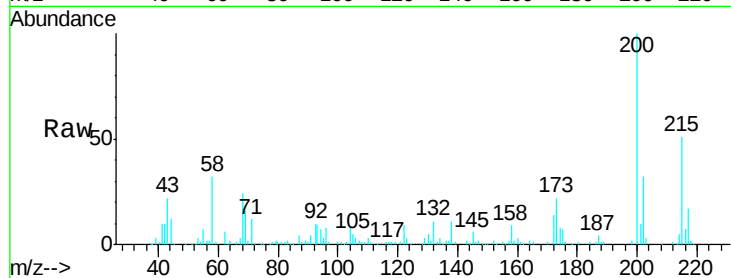
Tgt Ion:200 Resp: 124182

Ion Ratio Lower Upper

200 100

173 22.3 5.1 45.1

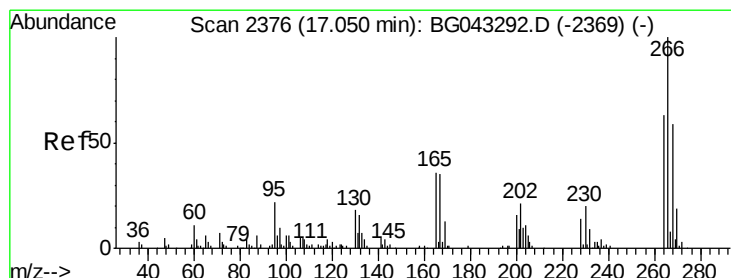
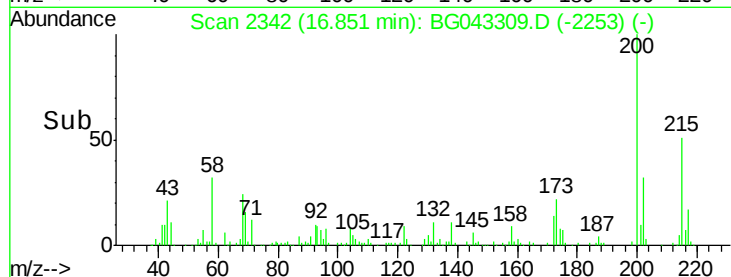
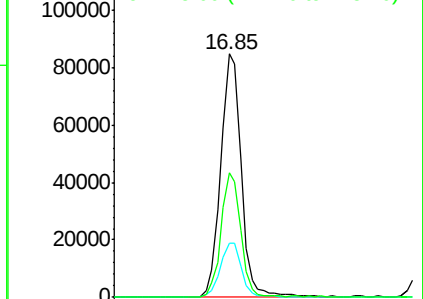
215 51.2 26.6 66.6



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: 85.040 ng

RT: 17.06 min Scan# 2377

Delta R.T. 0.01 min

Lab File: BG043309.D

Acq: 23 Oct 2019 15:28

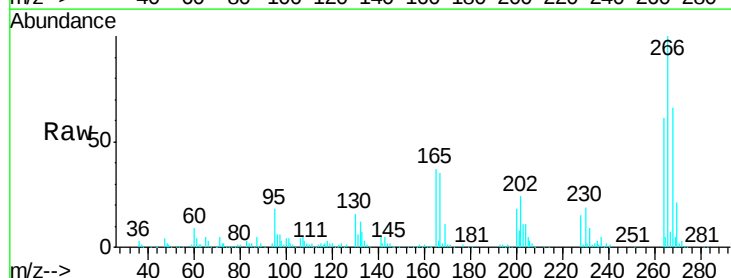
Tgt Ion:266 Resp: 173670

Ion Ratio Lower Upper

266 100

268 66.1 47.1 70.7

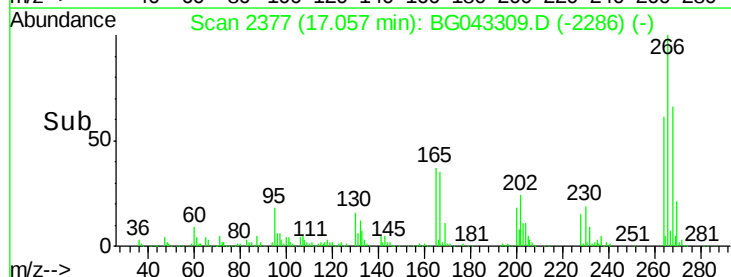
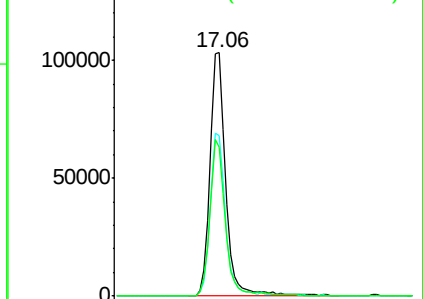
264 61.1 50.4 75.6

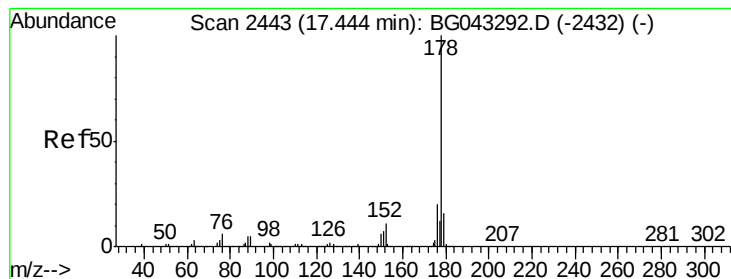


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 34.927 ng

RT: 17.44 min Scan# 2442

Delta R.T. -0.01 min

Lab File: BG043309.D

Acq: 23 Oct 2019 15:28

Instrument :

BNA_G

ClientSampleId :

PB124203BS

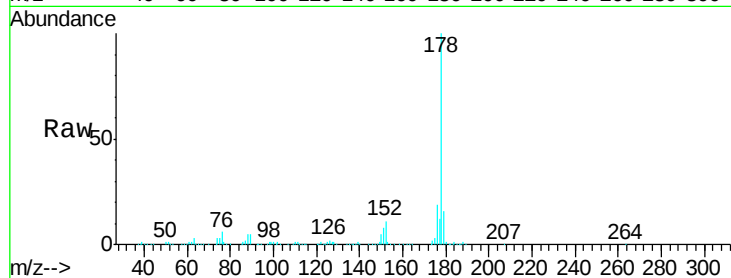
Tgt Ion:178 Resp: 518904

Ion Ratio Lower Upper

178 100

176 19.3 15.8 23.8

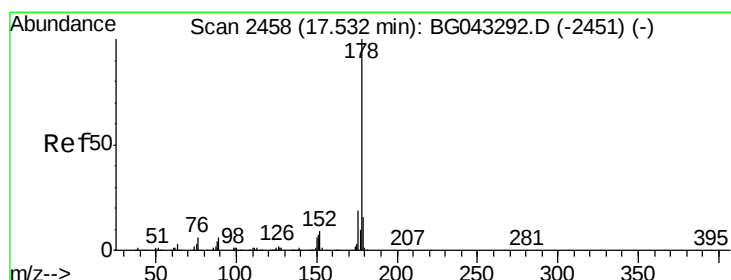
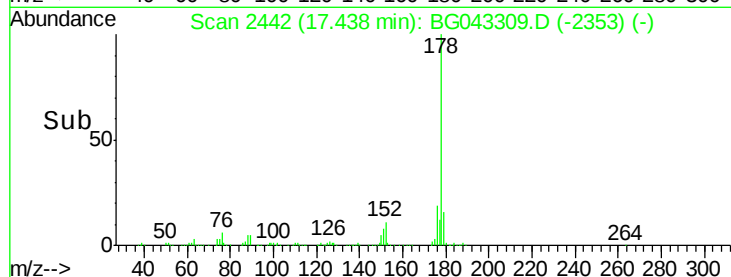
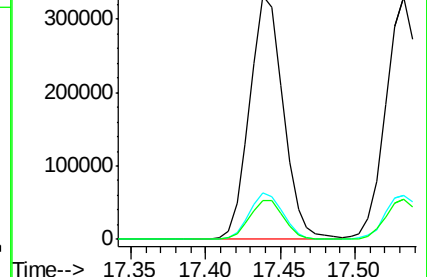
179 16.2 13.1 19.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 35.715 ng

RT: 17.53 min Scan# 2458

Delta R.T. 0.00 min

Lab File: BG043309.D

Acq: 23 Oct 2019 15:28

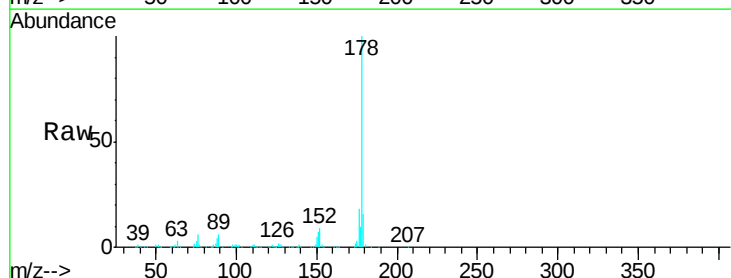
Tgt Ion:178 Resp: 530888

Ion Ratio Lower Upper

178 100

176 18.3 15.1 22.7

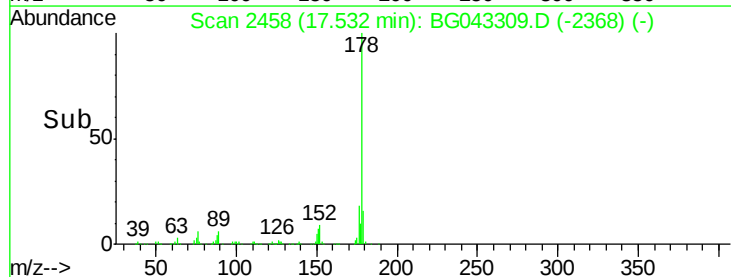
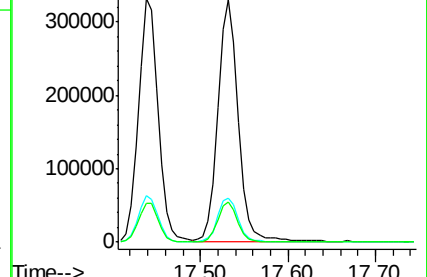
179 16.4 13.0 19.6

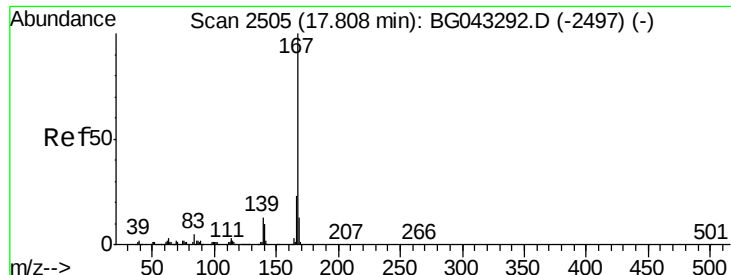


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 36.862 ng

RT: 17.80 min Scan# 2504

Delta R.T. -0.01 min

Lab File: BG043309.D

Acq: 23 Oct 2019 15:28

Instrument :

BNA_G

ClientSampleId :

PB124203BS

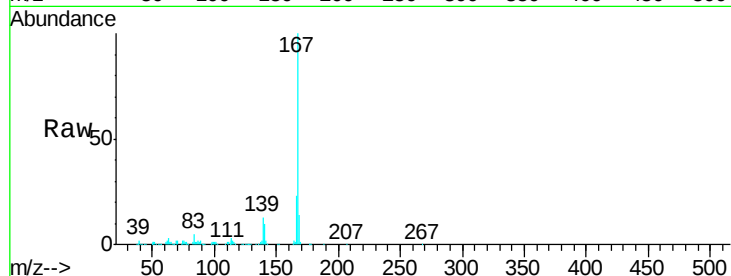
Tgt Ion:167 Resp: 496198

Ion Ratio Lower Upper

167 100

166 22.9 18.4 27.6

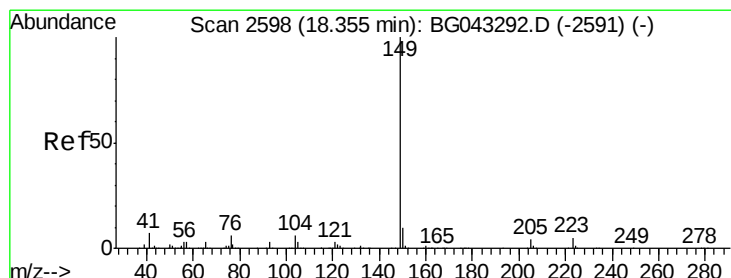
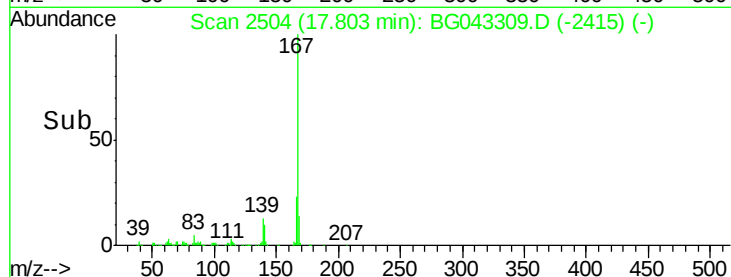
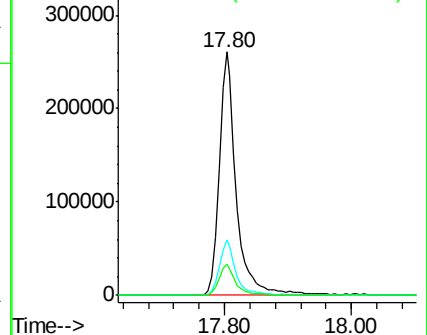
139 12.6 10.2 15.4



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 36.027 ng

RT: 18.36 min Scan# 2598

Delta R.T. 0.00 min

Lab File: BG043309.D

Acq: 23 Oct 2019 15:28

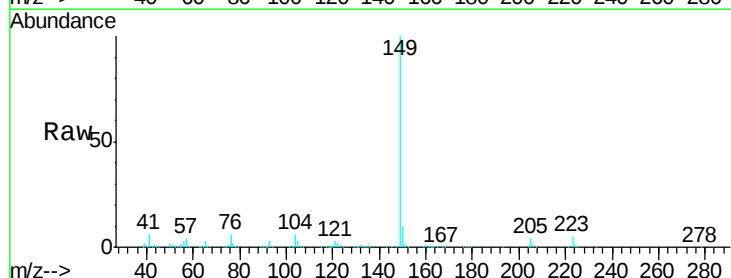
Tgt Ion:149 Resp: 588425

Ion Ratio Lower Upper

149 100

150 9.6 8.0 12.0

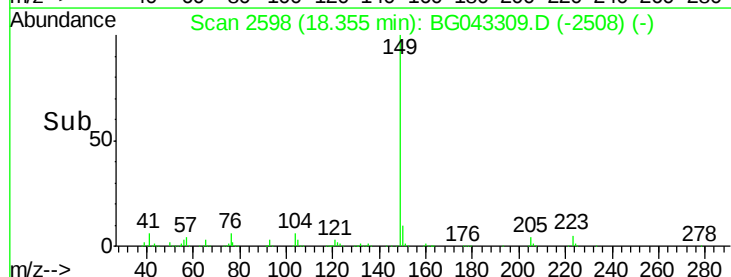
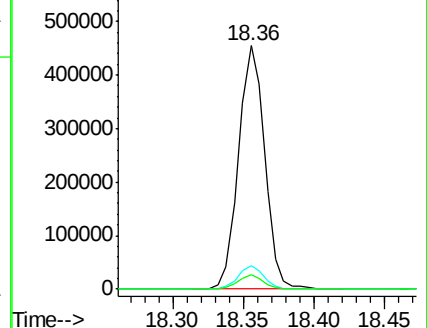
104 5.9 4.7 7.1

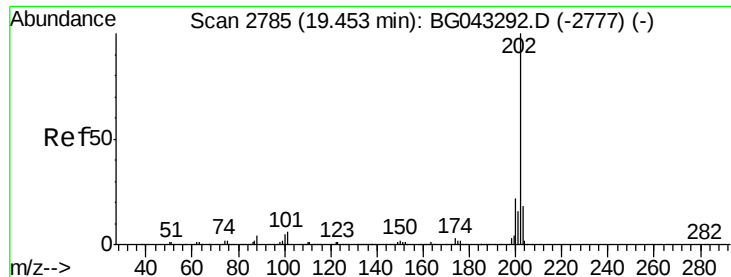


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 37.352 ng

RT: 19.45 min Scan# 2784

Delta R.T. -0.01 min

Lab File: BG043309.D

Acq: 23 Oct 2019 15:28

Instrument :

BNA_G

ClientSampleId :

PB124203BS

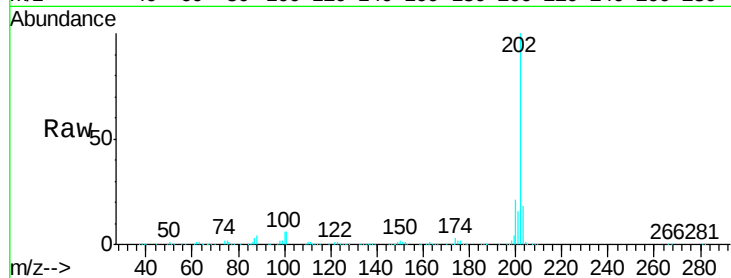
Tgt Ion:202 Resp: 723458

Ion Ratio Lower Upper

202 100

101 6.3 0.0 26.0

203 17.6 0.0 38.2



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

600000

500000

400000

300000

200000

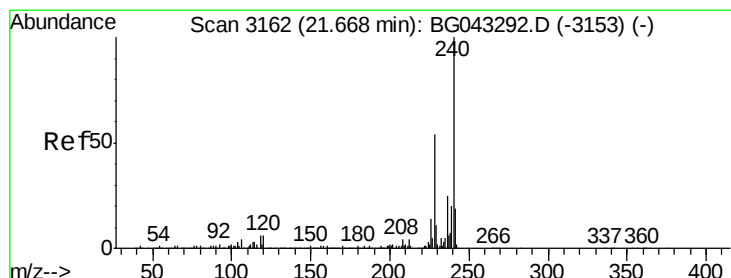
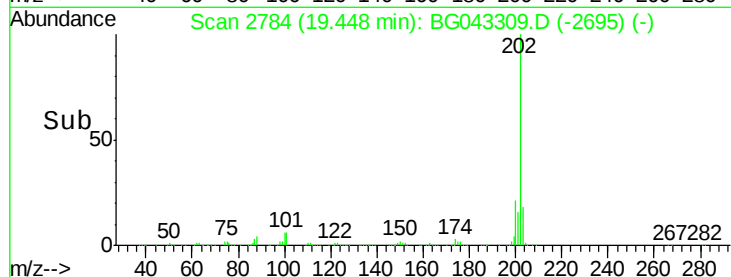
100000

0

19.45

19.40 19.50 19.60

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.67 min Scan# 3162

Delta R.T. 0.00 min

Lab File: BG043309.D

Acq: 23 Oct 2019 15:28

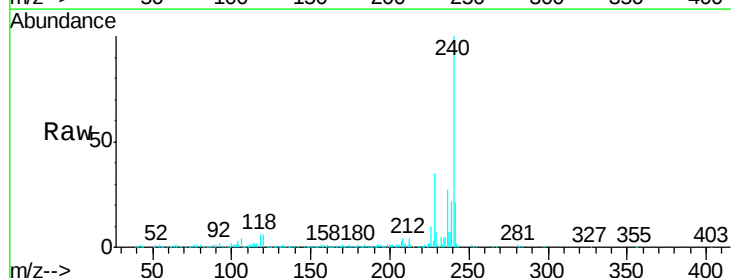
Tgt Ion:240 Resp: 338512

Ion Ratio Lower Upper

240 100

120 6.1 4.6 7.0

236 27.2 20.2 30.4



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

250000

200000

150000

100000

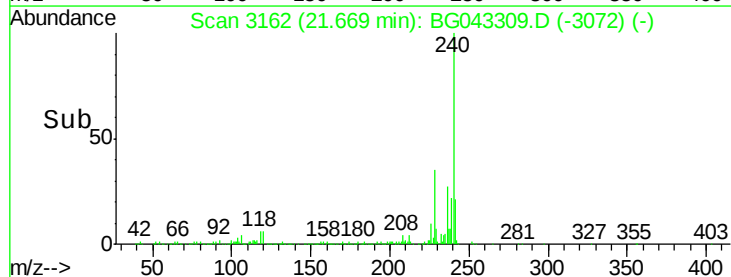
50000

0

21.67

21.60 21.70 21.80

Time-->





#77

Benzidine

Concen: 12.331 ng

RT: 19.64 min Scan# 2817

Delta R.T. 0.01 min

Lab File: BG043309.D

Acq: 23 Oct 2019 15:28

Instrument :

BNA_G

ClientSampleId :

PB124203BS

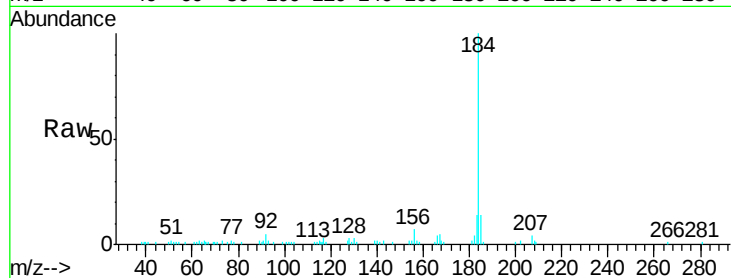
Tgt Ion:184 Resp: 84004

Ion Ratio Lower Upper

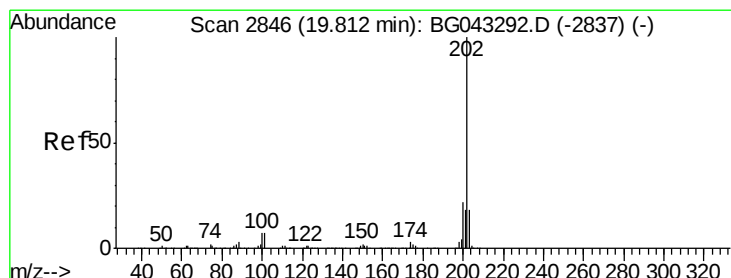
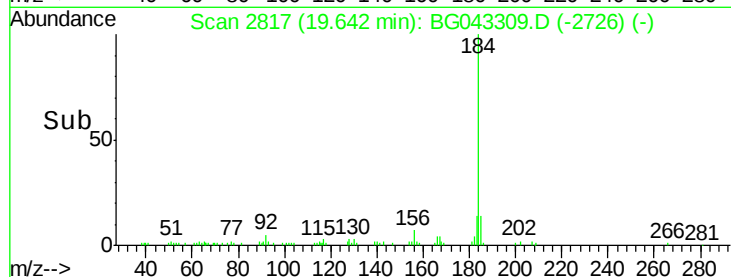
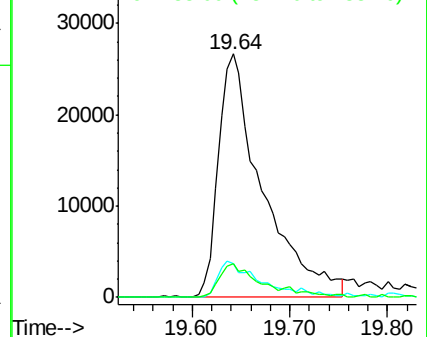
184 100

185 13.9 11.8 17.6

183 13.9 10.6 16.0



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: 34.988 ng

RT: 19.81 min Scan# 2846

Delta R.T. 0.00 min

Lab File: BG043309.D

Acq: 23 Oct 2019 15:28

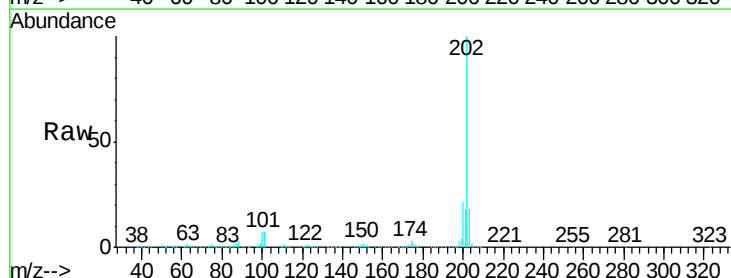
Tgt Ion:202 Resp: 733117

Ion Ratio Lower Upper

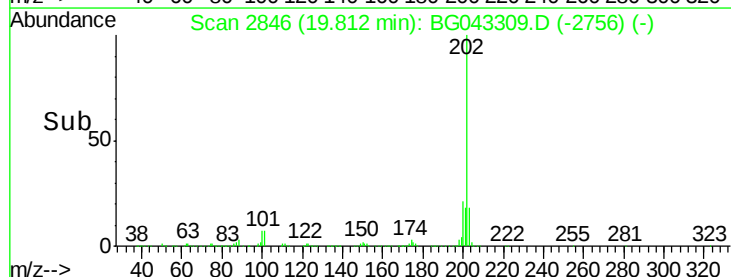
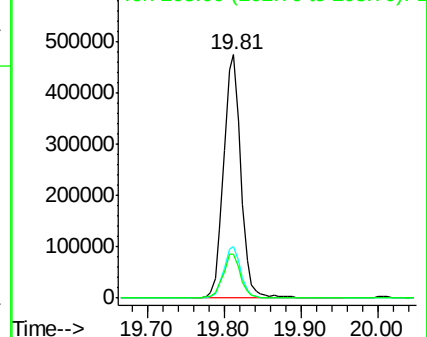
202 100

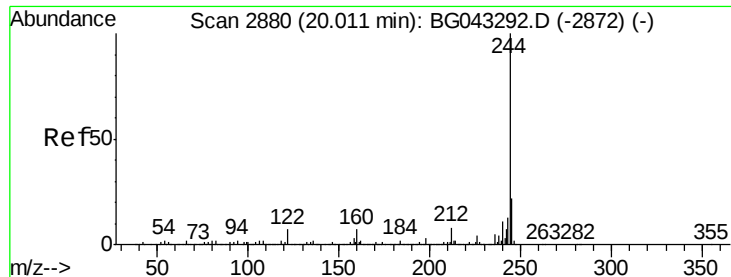
200 21.2 17.3 25.9

203 17.9 14.5 21.7



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: 54.815 ng

RT: 20.01 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG043309.D

Acq: 23 Oct 2019 15:28

Instrument :

BNA_G

ClientSampleId :

PB124203BS

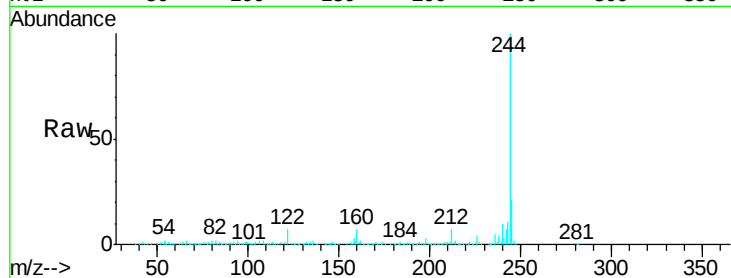
Tgt Ion:244 Resp: 989070

Ion Ratio Lower Upper

244 100

212 7.2 6.4 9.6

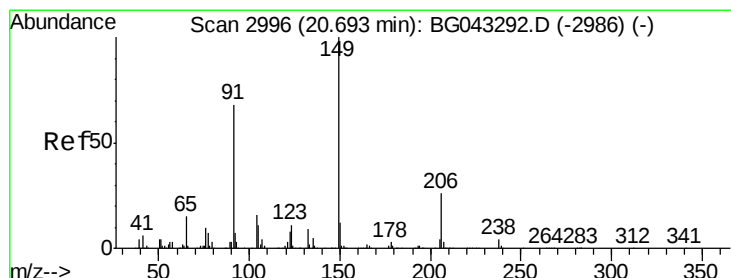
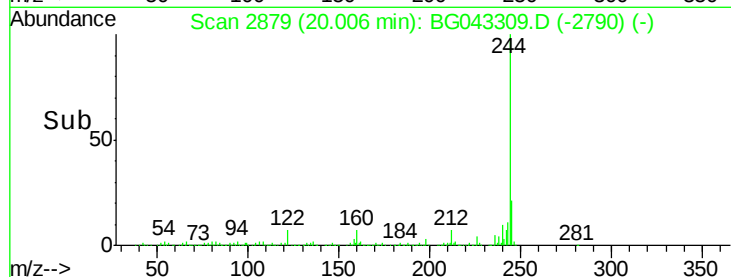
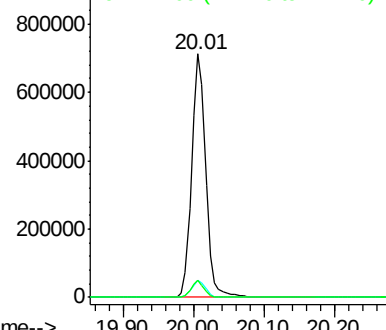
122 6.7 5.3 7.9



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: 34.186 ng

RT: 20.69 min Scan# 2996

Delta R.T. 0.00 min

Lab File: BG043309.D

Acq: 23 Oct 2019 15:28

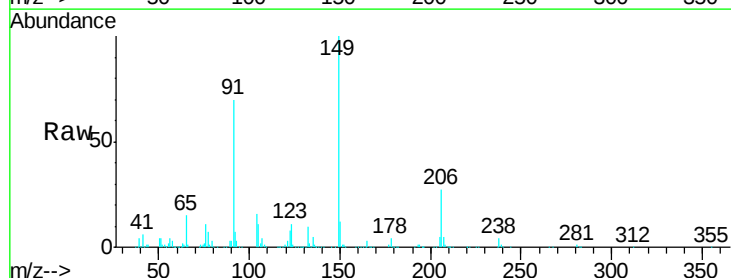
Tgt Ion:149 Resp: 271384

Ion Ratio Lower Upper

149 100

91 69.6 54.6 82.0

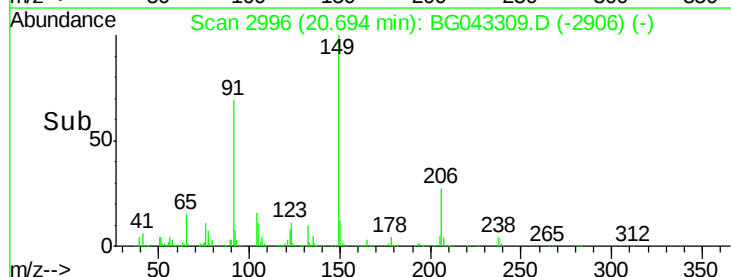
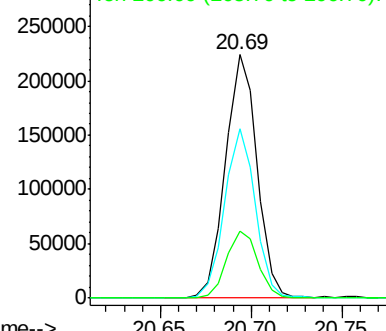
206 27.4 20.5 30.7

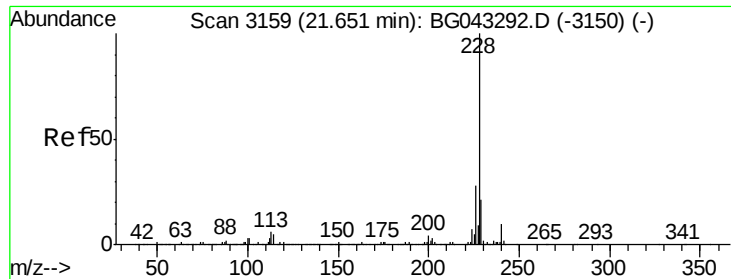


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 35.099 ng

RT: 21.65 min Scan# 3158

Delta R.T. -0.01 min

Lab File: BG043309.D

Acq: 23 Oct 2019 15:28

Instrument :

BNA_G

ClientSampleId :

PB124203BS

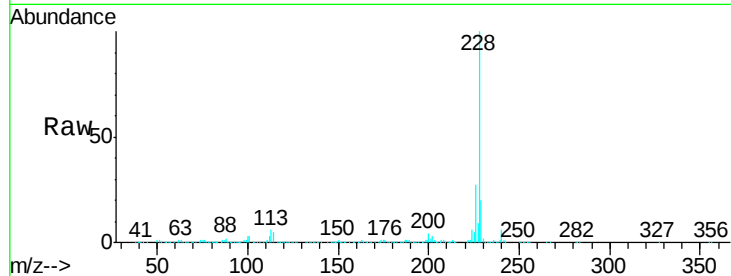
Tgt Ion:228 Resp: 744239

Ion Ratio Lower Upper

228 100

226 27.5 22.2 33.4

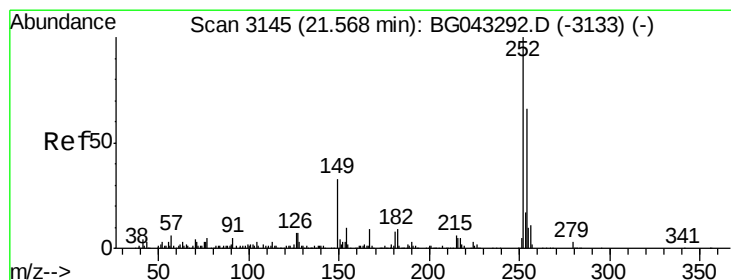
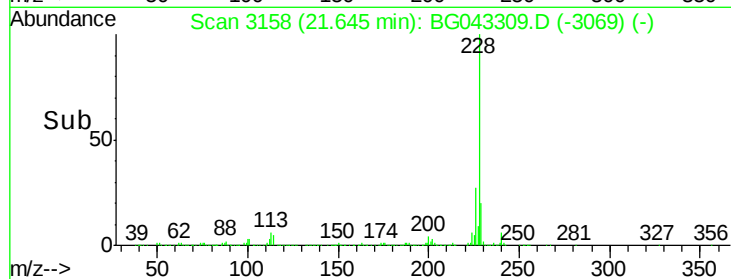
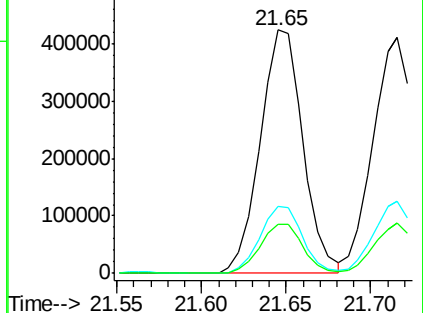
229 20.2 16.9 25.3



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: 29.841 ng

RT: 21.56 min Scan# 3144

Delta R.T. -0.01 min

Lab File: BG043309.D

Acq: 23 Oct 2019 15:28

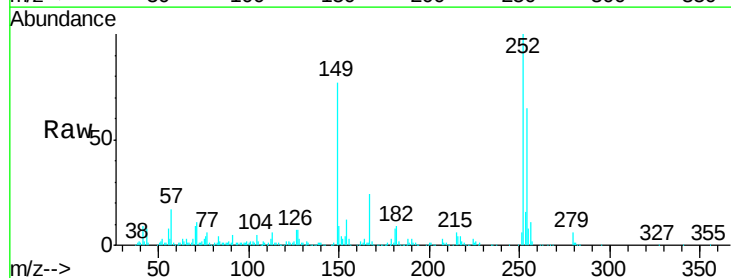
Tgt Ion:252 Resp: 244733

Ion Ratio Lower Upper

252 100

254 64.9 52.7 79.1

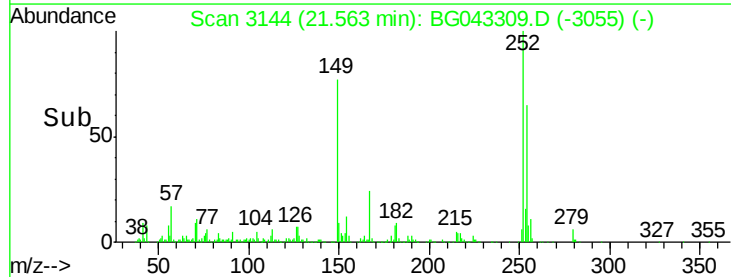
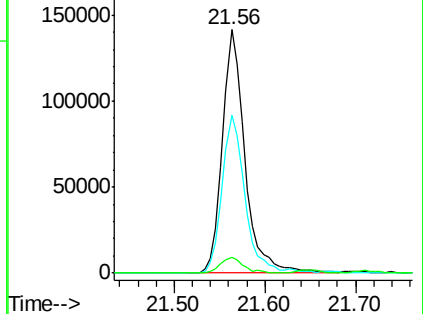
126 6.6 5.6 8.4



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: 34.225 ng

RT: 21.72 min Scan# 3170

Delta R.T. 0.00 min

Lab File: BG043309.D

Acq: 23 Oct 2019 15:28

Instrument :

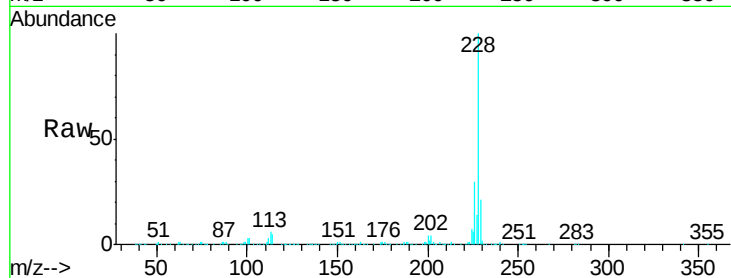
BNA_G

ClientSampleId :

PB124203BS

Tgt Ion: 228 Resp: 721048

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.8	35.8
229	21.4	16.3	24.5

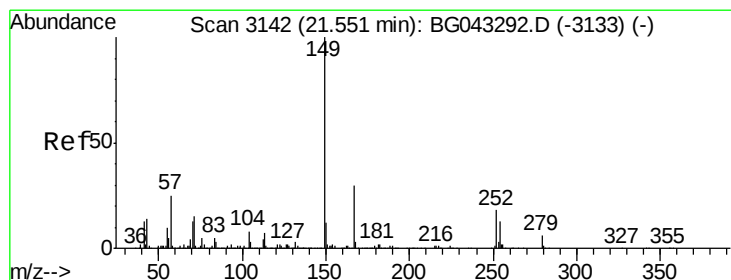
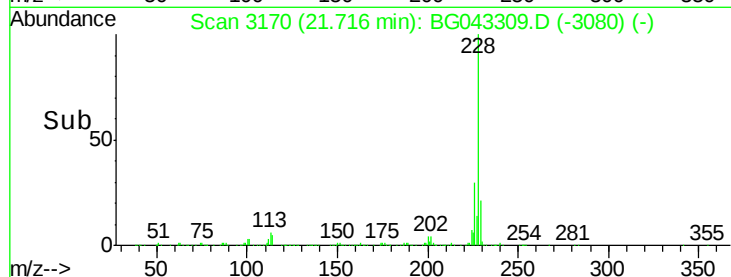
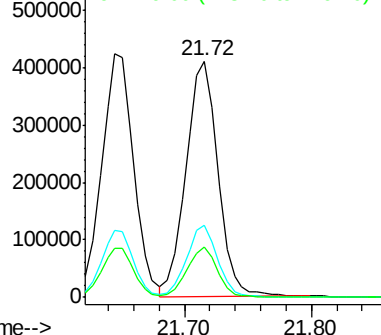


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 34.851 ng

RT: 21.55 min Scan# 3142

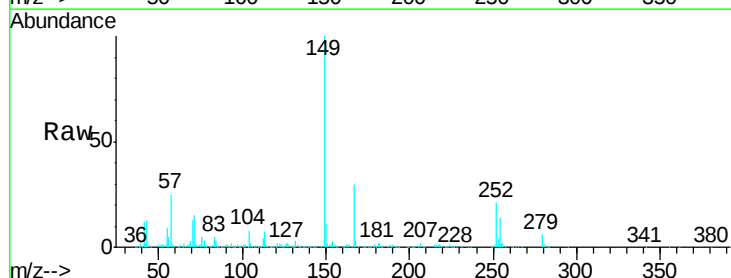
Delta R.T. 0.00 min

Lab File: BG043309.D

Acq: 23 Oct 2019 15:28

Tgt Ion: 149 Resp: 393006

Ion	Ratio	Lower	Upper
149	100		
167	29.6	23.9	35.9
279	6.3	4.8	7.2

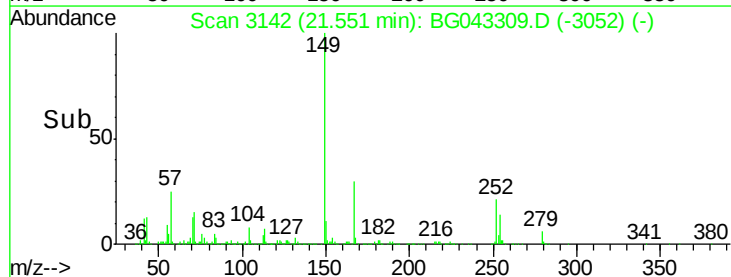
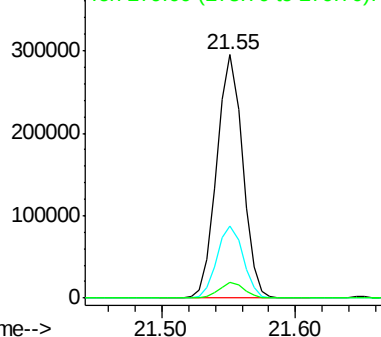


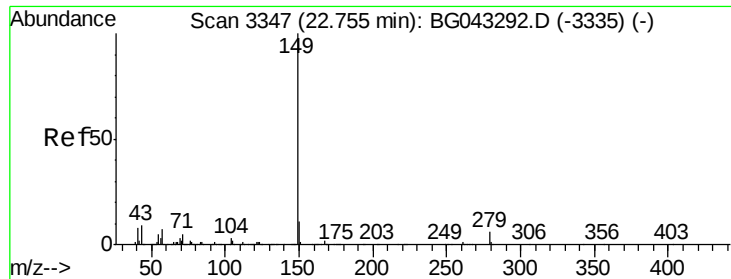
Abundance

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: 34.883 ng

RT: 22.76 min Scan# 3347

Delta R.T. 0.00 min

Lab File: BG043309.D

Acq: 23 Oct 2019 15:28

Instrument :

BNA_G

ClientSampleId :

PB124203BS

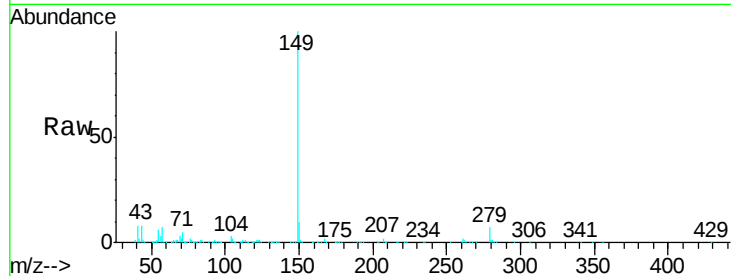
Tgt Ion:149 Resp: 667368

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

43 8.9 6.9 10.3



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

500000

400000

300000

200000

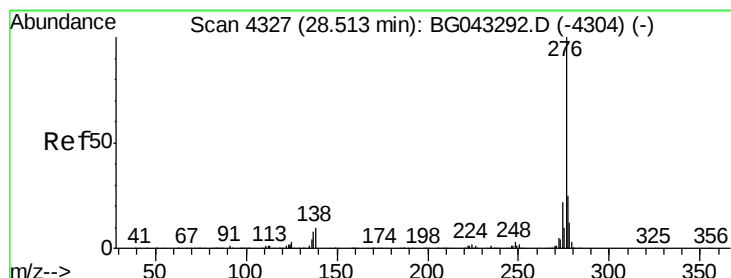
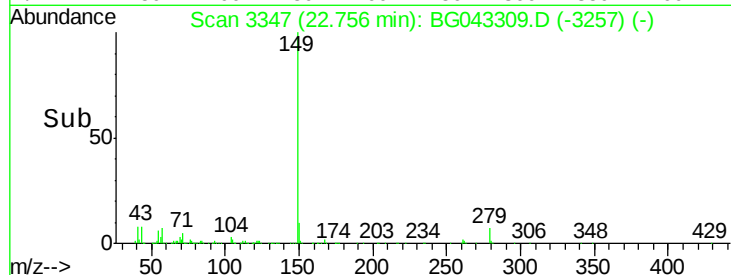
100000

0

22.76

22.70 22.80 22.90

Time-->



#86

Indeno(1,2,3-cd)pyrene

Concen: 34.599 ng

RT: 28.52 min Scan# 4328

Delta R.T. 0.01 min

Lab File: BG043309.D

Acq: 23 Oct 2019 15:28

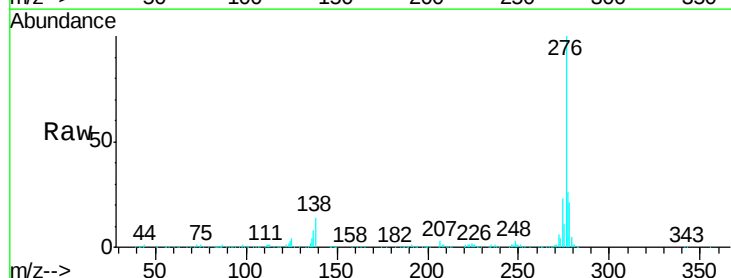
Tgt Ion:276 Resp: 914999

Ion Ratio Lower Upper

276 100

138 9.5 7.2 10.8

277 26.1 20.9 31.3



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

200000

150000

100000

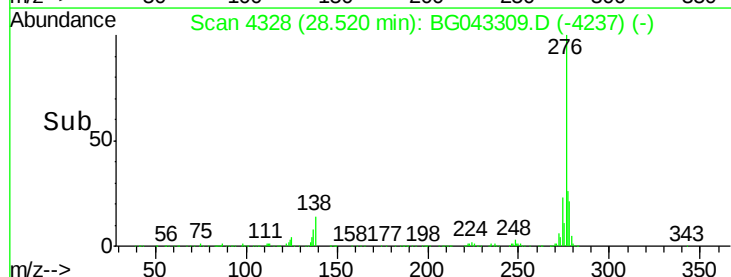
50000

0

28.52

28.40 28.60

Time-->





#87

Perylene-d12

Concen: 20.000 ng

RT: 24.87 min Scan# 3707

Delta R.T. 0.00 min

Lab File: BG043309.D

Acq: 23 Oct 2019 15:28

Instrument :

BNA_G

ClientSampleId :

PB124203BS

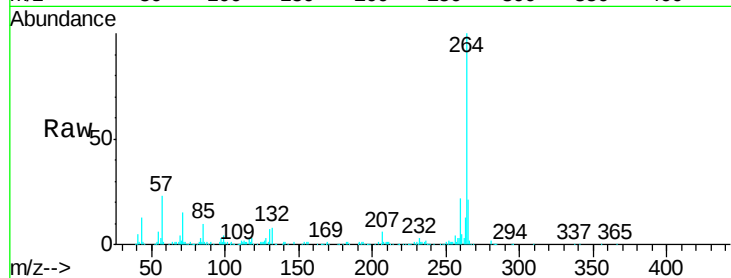
Tgt Ion:264 Resp: 284819

Ion Ratio Lower Upper

264 100

260 21.8 17.9 26.9

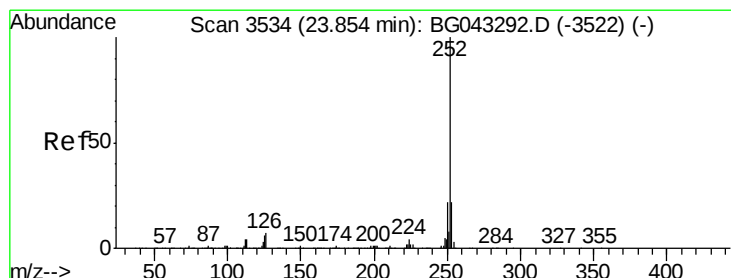
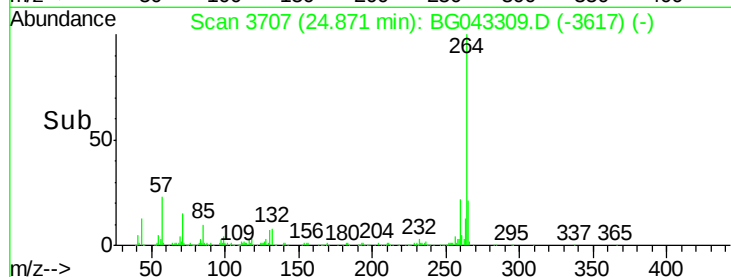
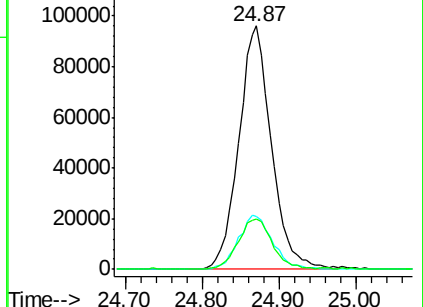
265 20.8 17.4 26.2



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: 48.292 ng

RT: 23.85 min Scan# 3533

Delta R.T. -0.01 min

Lab File: BG043309.D

Acq: 23 Oct 2019 15:28

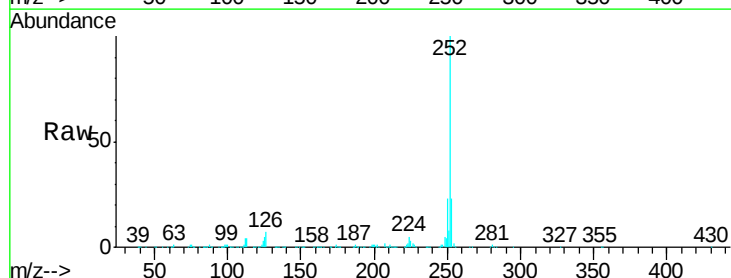
Tgt Ion:252 Resp: 779014

Ion Ratio Lower Upper

252 100

253 22.7 17.4 26.2

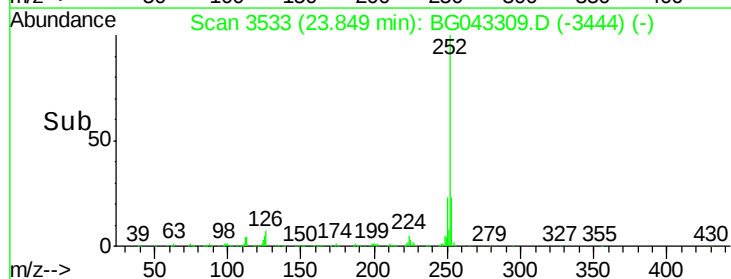
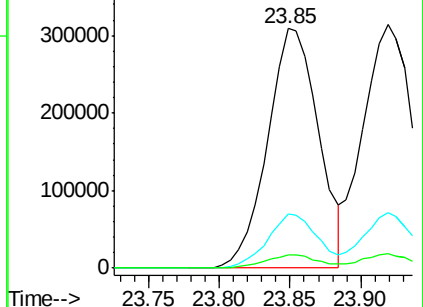
125 5.4 5.0 7.6

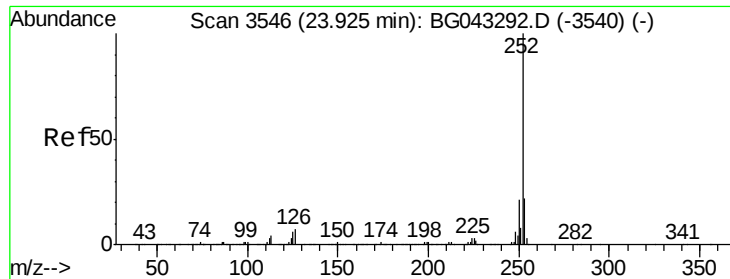


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 49.230 ng

RT: 23.92 min Scan# 3545

Delta R.T. -0.01 min

Lab File: BG043309.D

Acq: 23 Oct 2019 15:28

Instrument :

BNA_G

ClientSampleId :

PB124203BS

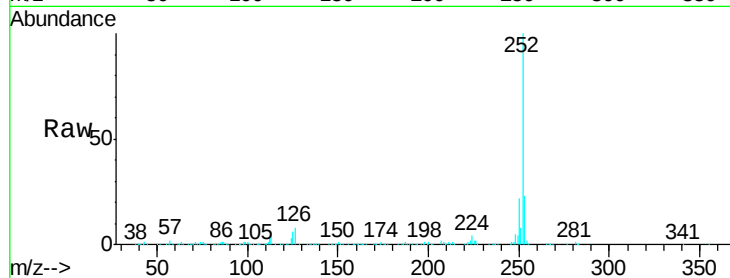
Tgt Ion:252 Resp: 799475

Ion Ratio Lower Upper

252 100

253 23.0 17.6 26.4

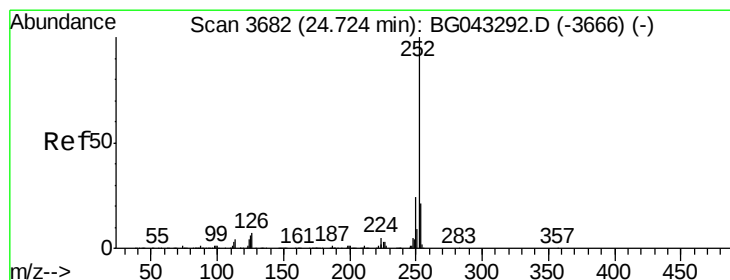
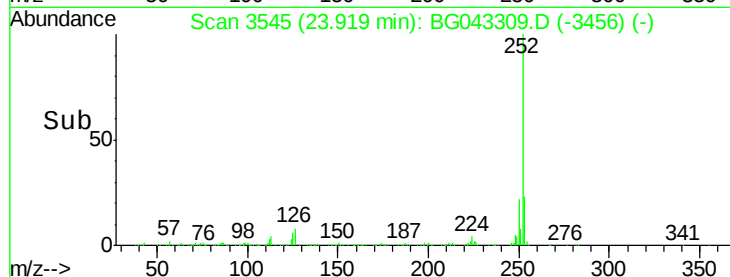
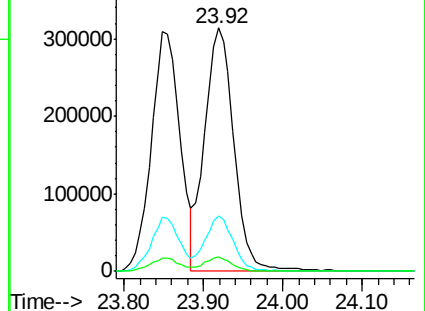
125 6.0 4.5 6.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 46.177 ng

RT: 24.72 min Scan# 3681

Delta R.T. -0.01 min

Lab File: BG043309.D

Acq: 23 Oct 2019 15:28

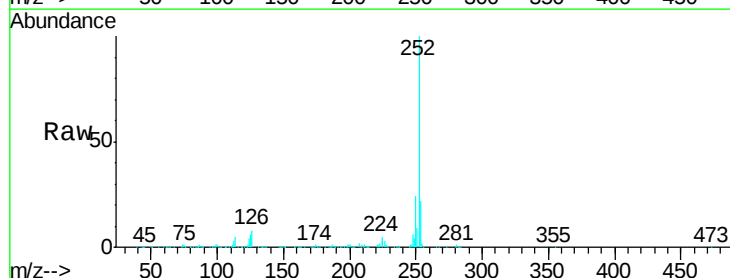
Tgt Ion:252 Resp: 711326

Ion Ratio Lower Upper

252 100

253 22.0 17.2 25.8

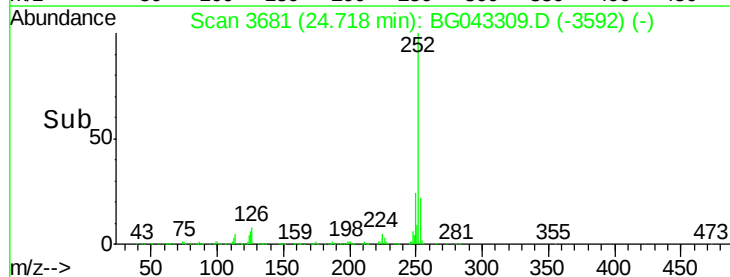
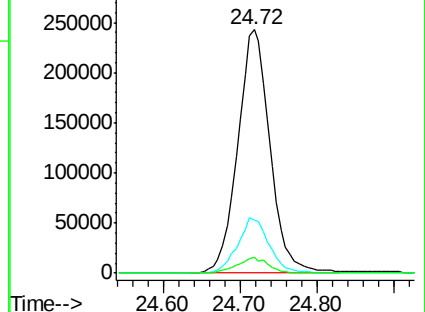
125 6.4 5.0 7.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 49.684 ng

RT: 28.58 min Scan# 4338

Delta R.T. 0.01 min

Lab File: BG043309.D

Acq: 23 Oct 2019 15:28

Instrument :

BNA_G

ClientSampleId :

PB124203BS

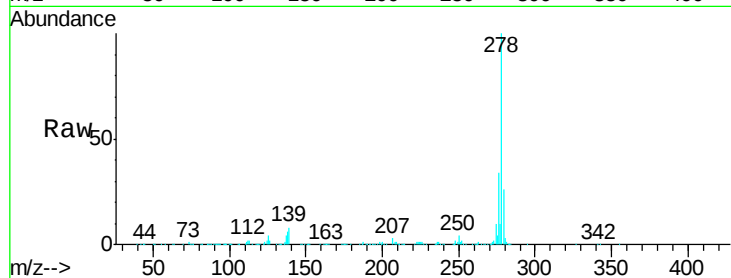
Tgt Ion:278 Resp: 782838

Ion Ratio Lower Upper

278 100

139 7.8 6.8 10.2

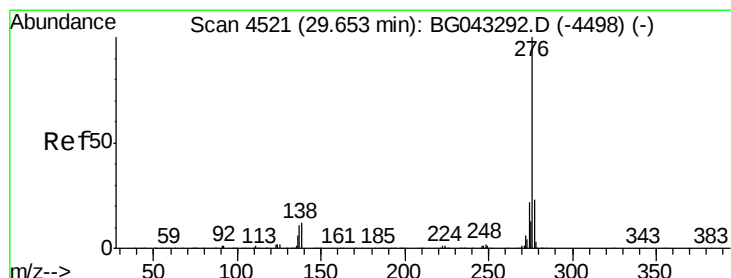
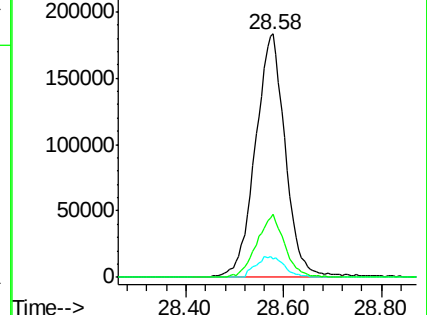
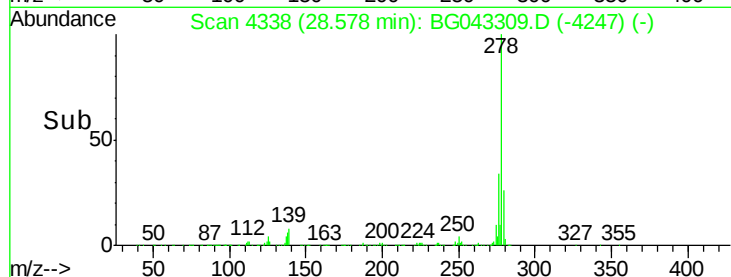
279 25.8 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 49.943 ng

RT: 29.65 min Scan# 4520

Delta R.T. -0.01 min

Lab File: BG043309.D

Acq: 23 Oct 2019 15:28

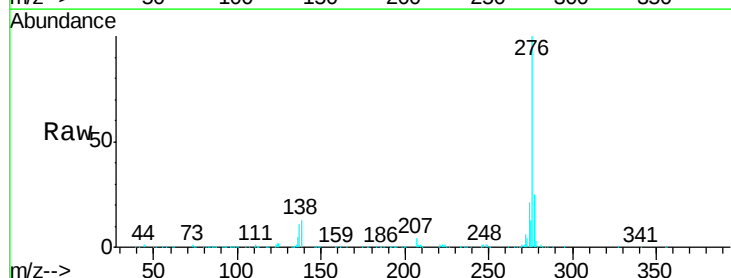
Tgt Ion:276 Resp: 776205

Ion Ratio Lower Upper

276 100

277 24.5 18.3 27.5

138 13.2 9.3 13.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

