

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112519\
 Data File : BG043775.D
 Acq On : 25 Nov 2019 18:52
 Operator : JU
 Sample : PB125036BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB125036BS

Quant Time: Nov 26 00:26:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG112219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 23 00:54:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	29614	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	191301	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	188400	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	591373	20.00	ng	0.00
76) Chrysene-d12	21.66	240	781412	20.00	ng	0.00
87) Perylene-d12	24.84	264	727957	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	226956	137.78	ng	0.00
7) Phenol-d6	7.18	99	256340	107.05	ng	0.00
23) Nitrobenzene-d5	9.18	82	327347	94.08	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	374493	164.80	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	992906	86.63	ng	0.00
79) Terphenyl-d14	20.01	244	2768663	80.06	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	13301	18.211	ng	# 91
3) Pyridine	3.91	79	43207	21.010	ng	97
4) n-Nitrosodimethylamine	3.82	42	28153	27.558	ng	89
6) Aniline	7.34	93	103234	33.083	ng	94
8) 2-Chlorophenol	7.59	128	132702	70.632	ng	96
9) Benzaldehyde	7.16	77	63526	44.413	ng	96
10) Phenol	7.20	94	89038	36.221	ng	98
11) bis(2-Chloroethyl)ether	7.44	93	120045	58.514	ng	94
12) 1,3-Dichlorobenzene	7.92	146	100895	45.619	ng	97
13) 1,4-Dichlorobenzene	8.06	146	102532	45.770	ng	99
14) 1,2-Dichlorobenzene	8.38	146	107920	50.915	ng	99
15) Benzyl Alcohol	8.25	79	119682	59.839	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.55	45	187582	53.166	ng	98
17) 2-Methylphenol	8.46	107	123807	70.444	ng	95
18) Hexachloroethane	9.12	117	35512	41.994	ng	98
19) n-Nitroso-di-n-propylamine	8.82	70	129202	68.612	ng	# 95
20) 3+4-Methylphenols	8.78	107	169407	69.091	ng	98
22) Acetophenone	8.84	105	232604	45.876	ng	# 95
24) Nitrobenzene	9.22	77	168335	47.069	ng	99
25) Isophorone	9.75	82	394881	52.930	ng	98
26) 2-Nitrophenol	9.93	139	65613	50.851	ng	98
27) 2,4-Dimethylphenol	9.99	122	160111	63.195	ng	94
28) bis(2-Chloroethoxy)methane	10.23	93	221471	48.165	ng	99
29) 2,4-Dichlorophenol	10.47	162	184940	60.044	ng	98
30) 1,2,4-Trichlorobenzene	10.69	180	147609	40.896	ng	99
31) Naphthalene	10.88	128	467700	49.285	ng	98
32) Benzoic acid	10.07	122	51049	27.940	ng	95
33) 4-Chloroaniline	10.97	127	128415	28.087	ng	96
34) Hexachlorobutadiene	11.18	225	75296	31.725	ng	97
35) Caprolactam	11.73	113	10196	8.141	ng	87
36) 4-Chloro-3-methylphenol	12.09	107	234479	67.740	ng	100
37) 2-Methylnaphthalene	12.48	142	417834	58.428	ng	97
38) 1-Methylnaphthalene	12.70	142	401558	59.165	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	220849	36.840	ng	98

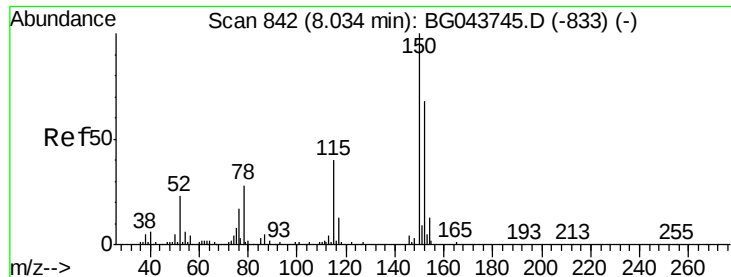
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112519\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	173020	53.420	ng	97
43) 2,4,6-Trichlorophenol	13.08	196	184566	47.870	ng	97
44) 2,4,5-Trichlorophenol	13.15	196	215174	53.646	ng	98
46) 1,1'-Biphenyl	13.49	154	583090	44.650	ng	98
47) 2-Chloronaphthalene	13.52	162	467125	43.862	ng	98
48) 2-Nitroaniline	13.71	65	172007	55.169	ng	98
49) Acenaphthylene	14.37	152	854662	51.008	ng	98
50) Dimethylphthalate	14.11	163	761059	50.994	ng	99
51) 2,6-Dinitrotoluene	14.21	165	170365	61.469	ng	98
52) Acenaphthene	14.71	154	551798	51.496	ng	99
53) 3-Nitroaniline	14.54	138	120898	37.346	ng	97
54) 2,4-Dinitrophenol	14.74	184	95556	84.386	ng	# 76
55) Dibenzofuran	15.05	168	856603	51.315	ng	99
56) 4-Nitrophenol	14.84	139	216834	79.520	ng	88
57) 2,4-Dinitrotoluene	15.00	165	259529	67.521	ng	# 95
58) Fluorene	15.70	166	729978	53.324	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.27	232	232021	57.593	ng	# 86
60) Diethylphthalate	15.48	149	824713	56.441	ng	99
61) 4-Chlorophenyl-phenylether	15.69	204	375110	49.768	ng	98
62) 4-Nitroaniline	15.70	138	238299	64.195	ng	90
63) Azobenzene	15.99	77	750825	53.451	ng	98
65) 4,6-Dinitro-2-methylphenol	15.76	198	96872	45.371	ng	93
66) n-Nitrosodiphenylamine	15.90	169	710476	45.376	ng	97
67) 4-Bromophenyl-phenylether	16.59	248	263487	42.250	ng	96
68) Hexachlorobenzene	16.70	284	283074	41.520	ng	# 92
69) Atrazine	16.86	200	339716	54.137	ng	96
70) Pentachlorophenol	17.04	266	421572	101.335	ng	97
71) Phenanthrene	17.44	178	1430265	48.878	ng	97
72) Anthracene	17.53	178	1475907	49.931	ng	96
73) Carbazole	17.79	167	1531485	56.274	ng	97
74) Di-n-butylphthalate	18.37	149	1749386	46.672	ng	96
75) Fluoranthene	19.44	202	2072766	49.382	ng	92
77) Benzidine	19.61	184	164509	7.207	ng	96
78) Pyrene	19.80	202	2156336	42.758	ng	94
80) Butylbenzylphthalate	20.70	149	1122785	48.873	ng	97
81) Benzo(a)anthracene	21.64	228	2400572	45.953	ng	93
82) 3,3'-Dichlorobenzidine	21.55	252	539624	27.546	ng	99
83) Chrysene	21.70	228	2267660	45.874	ng	92
84) Bis(2-ethylhexyl)phthalate	21.57	149	1592724	49.273	ng	94
85) Di-n-octyl phthalate	22.78	149	2348949	44.801	ng	99
86) Indeno(1,2,3-cd)pyrene	28.45	276	2469133	42.941	ng	98
88) Benzo(b)fluoranthene	23.84	252	2130962	49.029	ng	95
89) Benzo(k)fluoranthene	23.84	252	2130962	51.086	ng	97
90) Benzo(a)pyrene	24.69	252	1922726	47.045	ng	97
91) Dibenzo(a,h)anthracene	28.52	278	2025701	51.099	ng	# 96
92) Benzo(g,h,i)perylene	29.58	276	2066261	52.854	ng	96

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

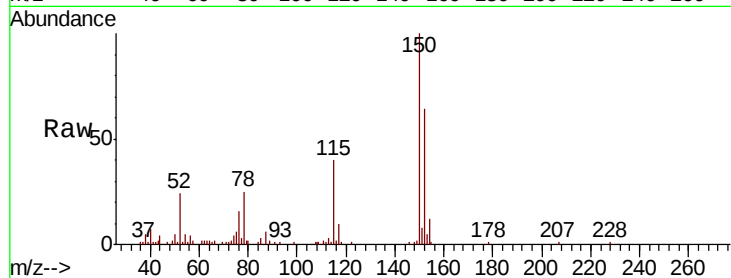


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 840
Delta R.T. -0.01 min
Lab File: BG043775.D
Acq: 25 Nov 2019 18:52

Instrument :
BNA_G
ClientSampleId :
PB125036BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	117.8	176.8
115	63.5	47.0	70.4

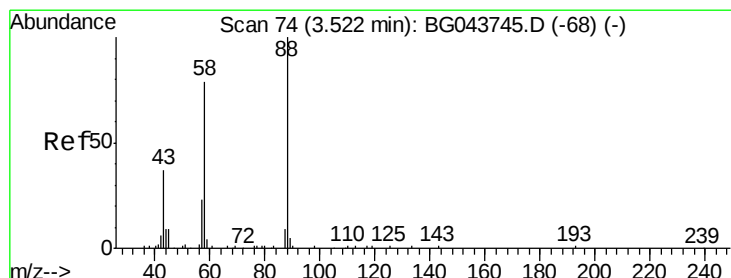
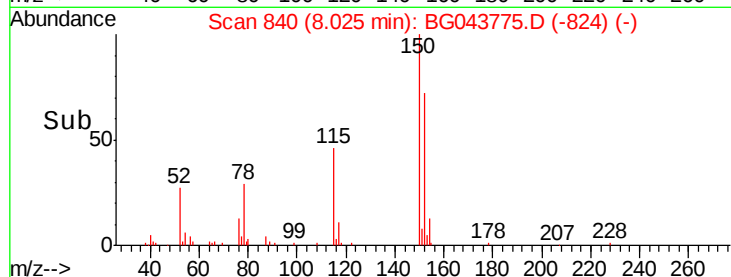
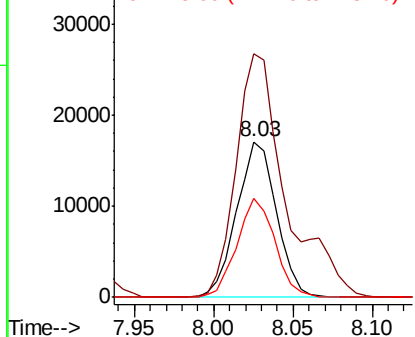


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

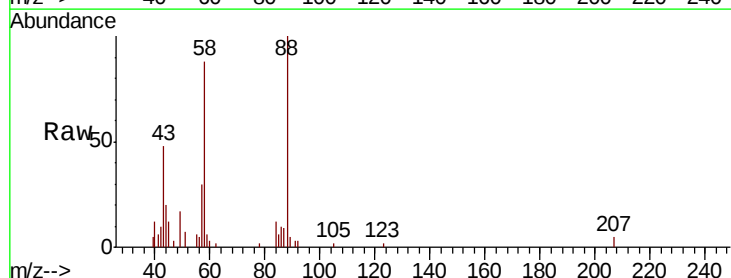
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 18.211 ng
RT: 3.52 min Scan# 73
Delta R.T. -0.00 min
Lab File: BG043775.D
Acq: 25 Nov 2019 18:52

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.4	62.3	93.5
43	20.9	28.9	43.3#

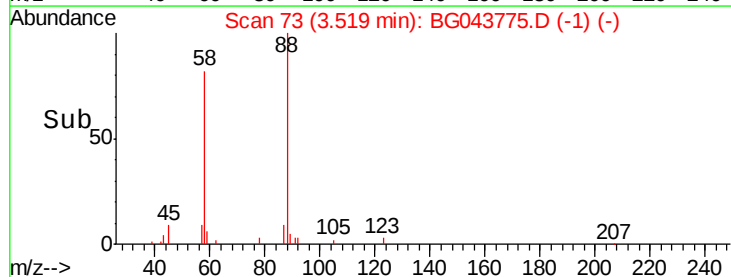
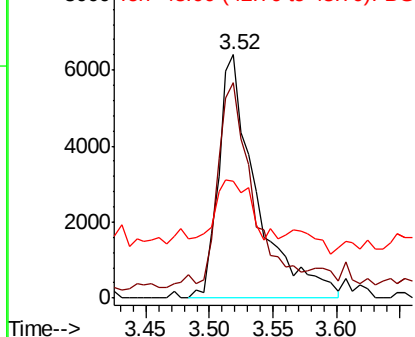


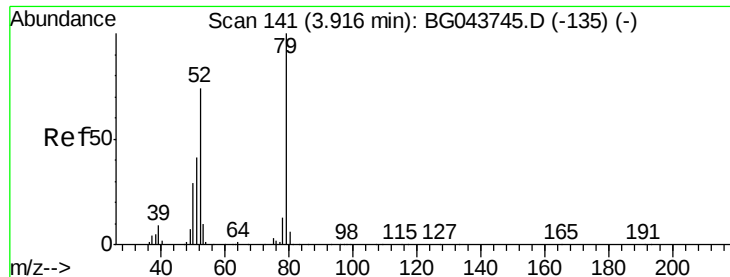
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 21.010 ng

RT: 3.91 min Scan# 140

Delta R.T. -0.00 min

Lab File: BG043775.D

Acq: 25 Nov 2019 18:52

Instrument :

BNA_G

ClientSampleId :

PB125036BS

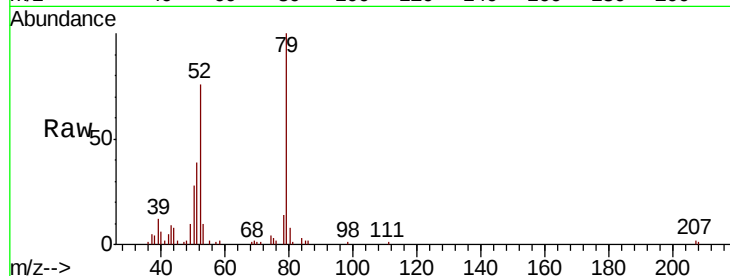
Tot Ion: 79 Resp: 43207

Ion Ratio Lower Upper

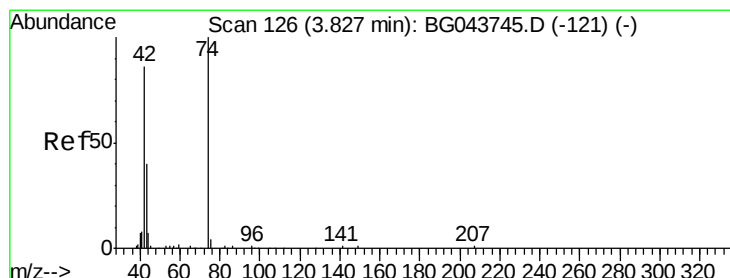
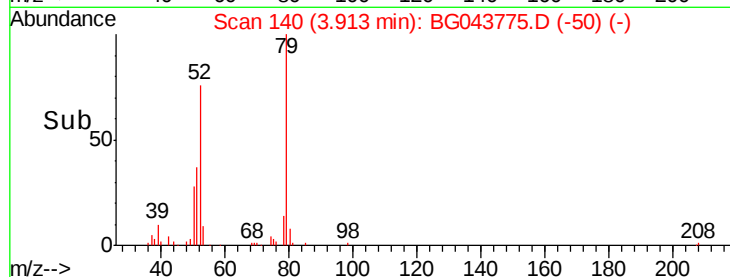
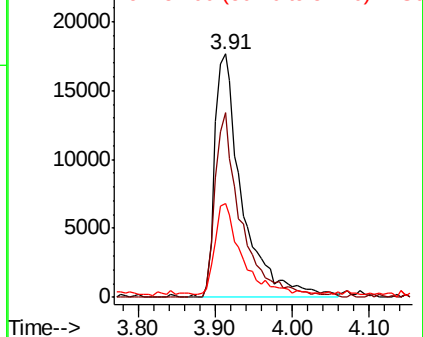
79 100

52 75.9 59.0 88.6

51 38.5 32.9 49.3



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



#4

n-Nitrosodimethylamine

Concen: 27.558 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.01 min

Lab File: BG043775.D

Acq: 25 Nov 2019 18:52

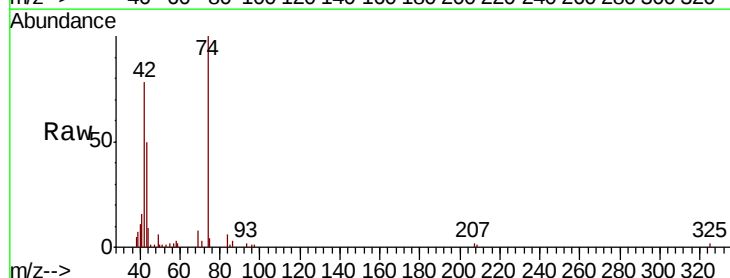
Tgt Ion: 42 Resp: 28153

Ion Ratio Lower Upper

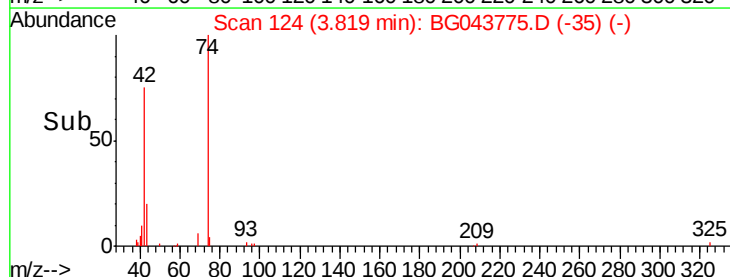
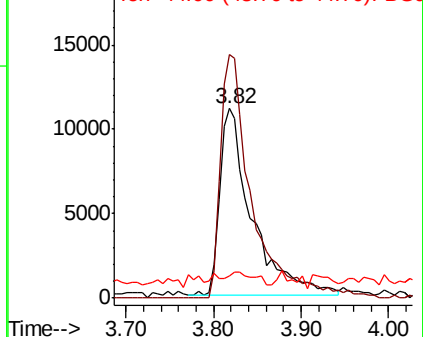
42 100

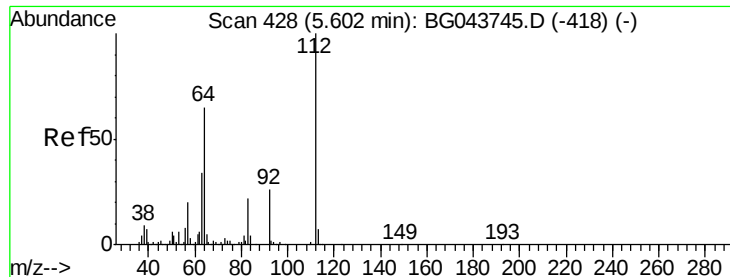
74 128.3 91.9 137.9

44 11.8 9.1 13.7



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





#5

2-Fluorophenol

Concen: 137.778 ng

RT: 5.60 min Scan# 427

Delta R.T. -0.00 min

Lab File: BG043775.D

Acq: 25 Nov 2019 18:52

Instrument :

BNA_G

ClientSampleId :

PB125036BS

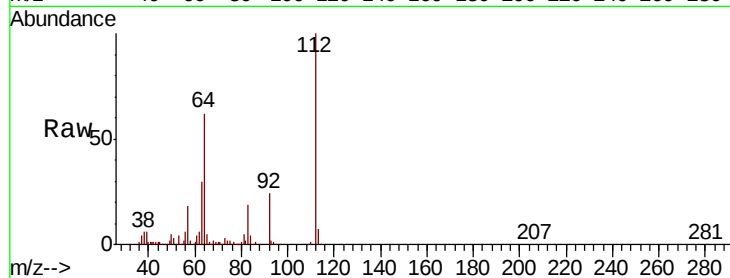
Tot Ion:112 Resp: 226956

Ion Ratio Lower Upper

112 100

64 61.9 51.7 77.5

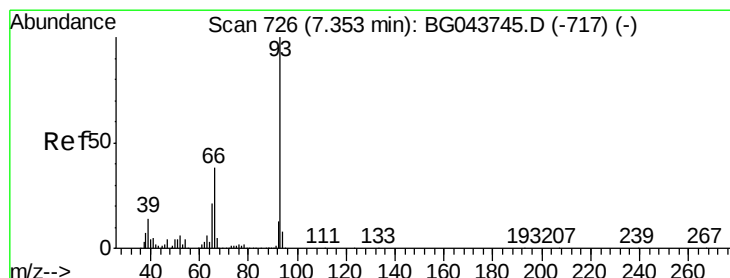
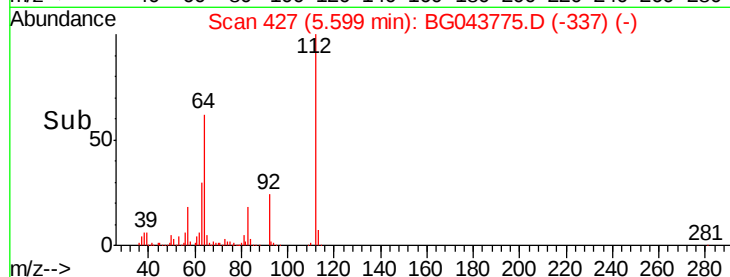
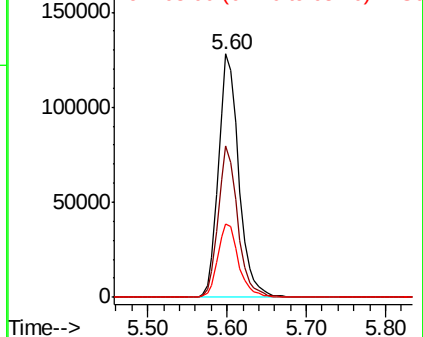
63 30.3 26.8 40.2



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 33.083 ng

RT: 7.34 min Scan# 724

Delta R.T. -0.01 min

Lab File: BG043775.D

Acq: 25 Nov 2019 18:52

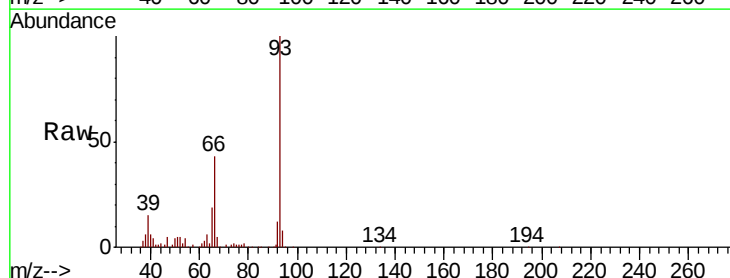
Tgt Ion: 93 Resp: 103234

Ion Ratio Lower Upper

93 100

66 43.0 30.6 46.0

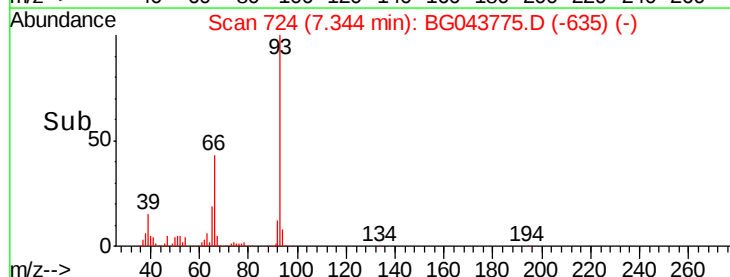
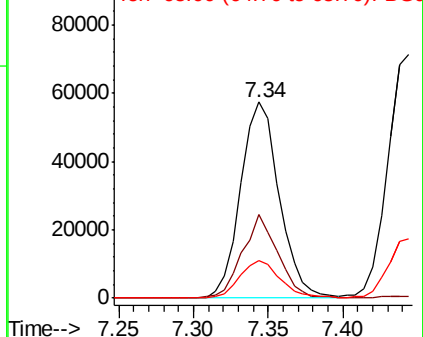
65 19.2 16.8 25.2

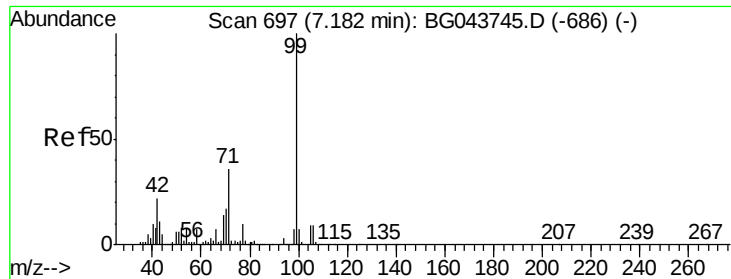


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 107.051 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.00 min

Lab File: BG043775.D

Acq: 25 Nov 2019 18:52

Instrument :

BNA_G

ClientSampleId :

PB125036BS

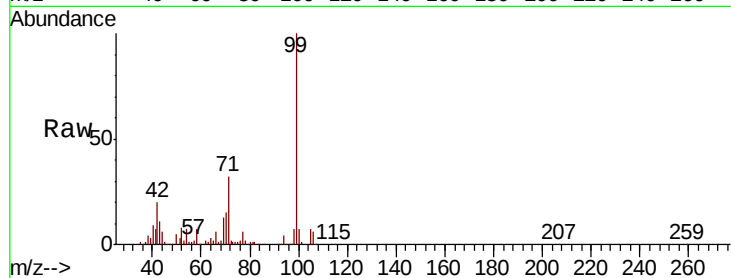
Tot Ion: 99 Resp: 256340

Ion Ratio Lower Upper

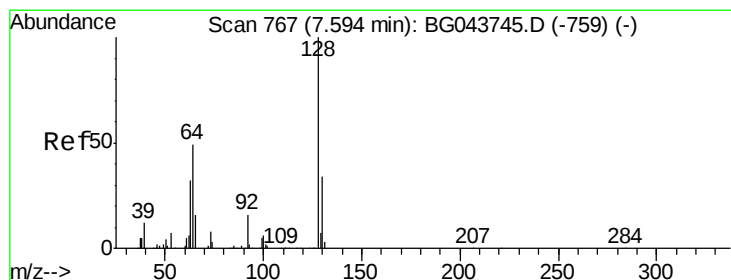
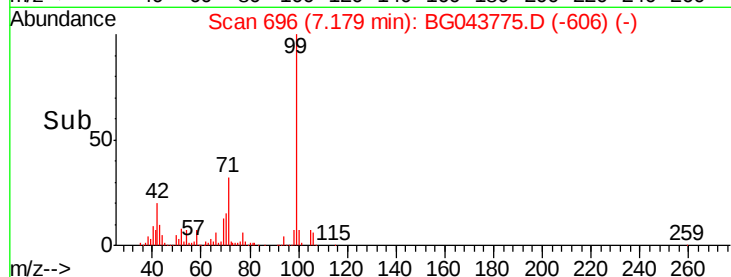
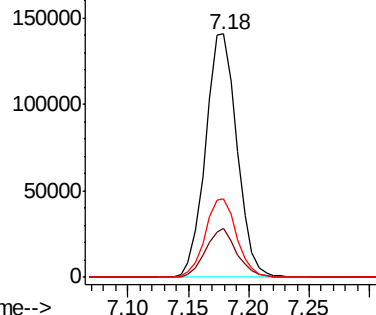
99 100

42 20.1 17.4 26.0

71 32.4 29.5 44.3



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: 70.632 ng

RT: 7.59 min Scan# 766

Delta R.T. -0.00 min

Lab File: BG043775.D

Acq: 25 Nov 2019 18:52

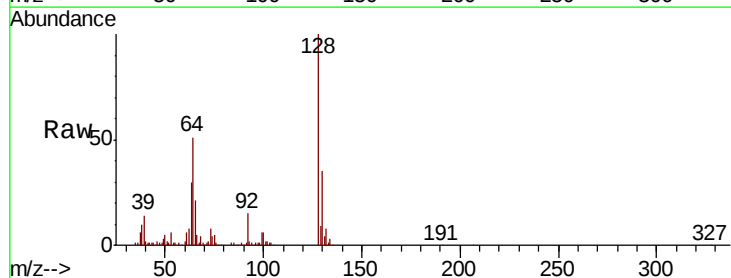
Tgt Ion: 128 Resp: 132702

Ion Ratio Lower Upper

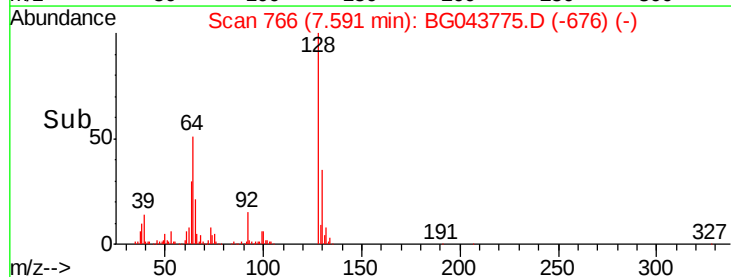
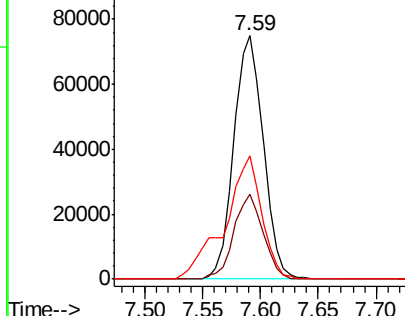
128 100

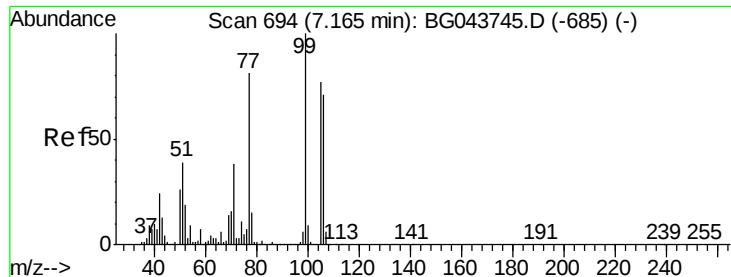
130 34.6 14.3 54.3

64 50.6 34.5 74.5



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





#9

Benzaldehyde

Concen: 44.413 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.00 min

Lab File: BG043775.D

Acq: 25 Nov 2019 18:52

Instrument :

BNA_G

ClientSampleId :

PB125036BS

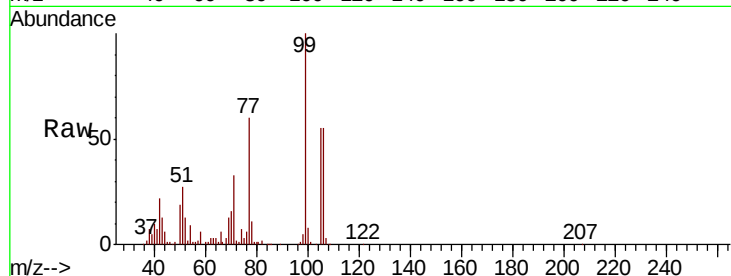
Tot Ion: 77 Resp: 63526

Ion Ratio Lower Upper

77 100

105 91.3 75.0 115.0

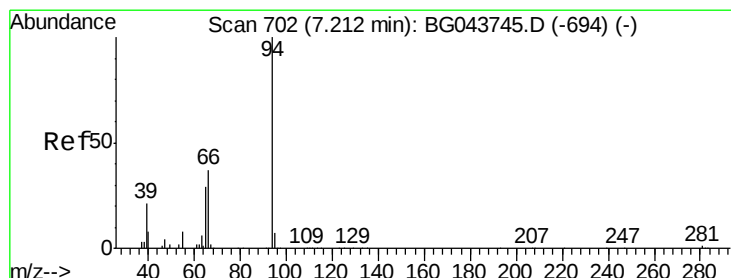
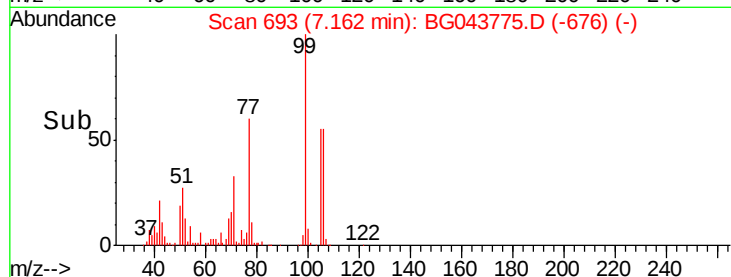
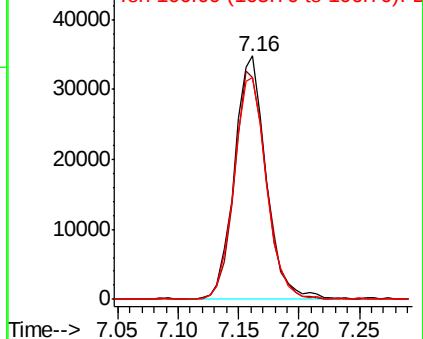
106 91.3 67.4 107.4



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: 36.221 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.01 min

Lab File: BG043775.D

Acq: 25 Nov 2019 18:52

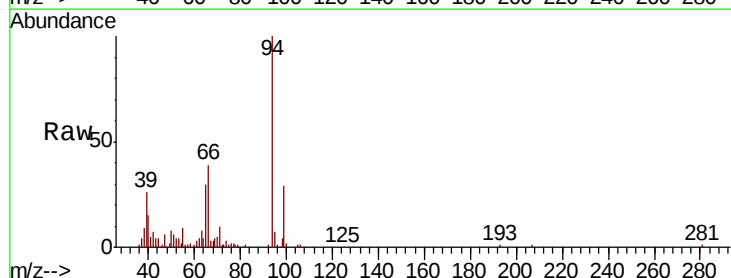
Tgt Ion: 94 Resp: 89038

Ion Ratio Lower Upper

94 100

65 30.4 10.3 50.3

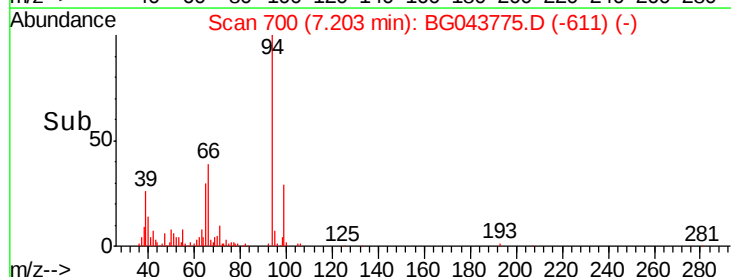
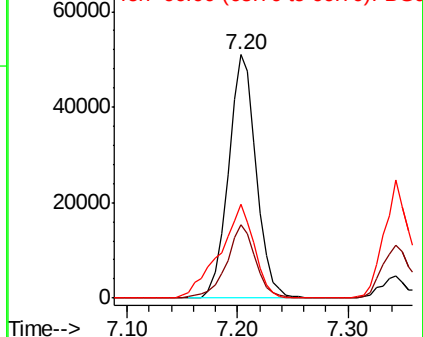
66 38.8 20.5 60.5

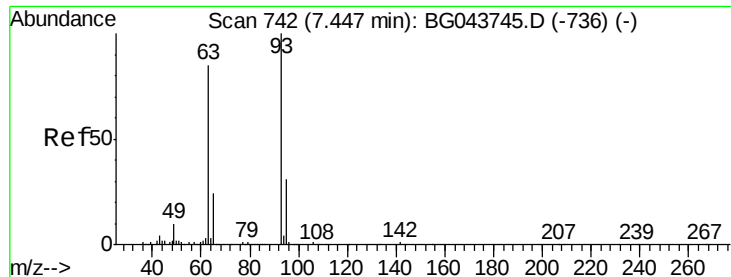


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 58.514 ng

RT: 7.44 min Scan# 741

Delta R.T. -0.00 min

Lab File: BG043775.D

Acq: 25 Nov 2019 18:52

Instrument :

BNA_G

ClientSampleId :

PB125036BS

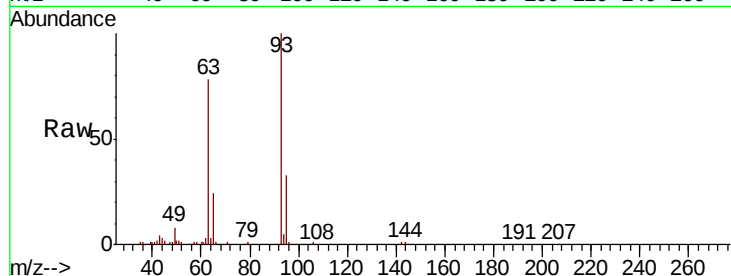
Tot Ion: 93 Resp: 120045

Ion Ratio Lower Upper

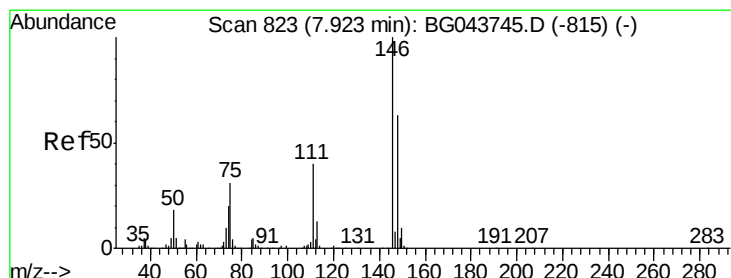
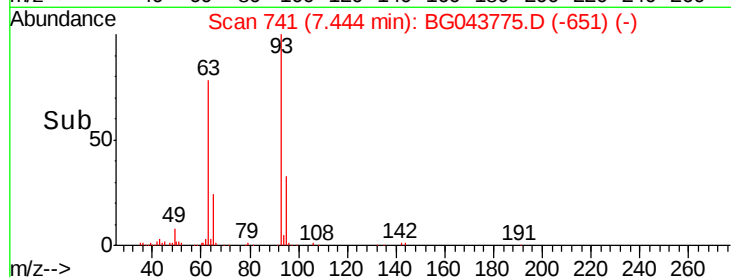
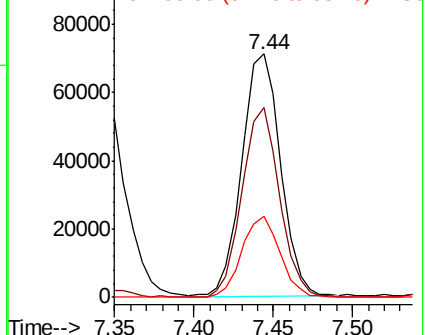
93 100

63 77.8 64.4 104.4

95 33.2 11.3 51.3



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 45.619 ng

RT: 7.92 min Scan# 822

Delta R.T. -0.00 min

Lab File: BG043775.D

Acq: 25 Nov 2019 18:52

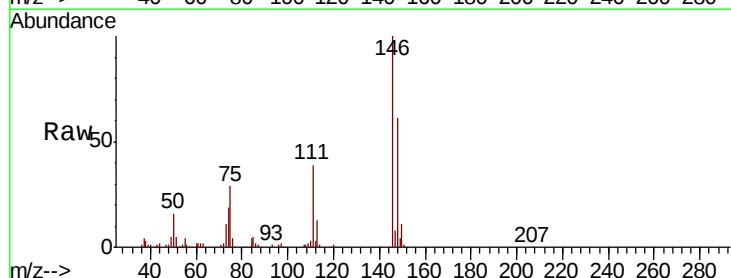
Tgt Ion: 146 Resp: 100895

Ion Ratio Lower Upper

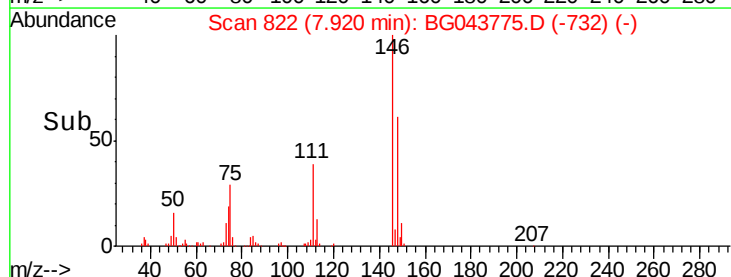
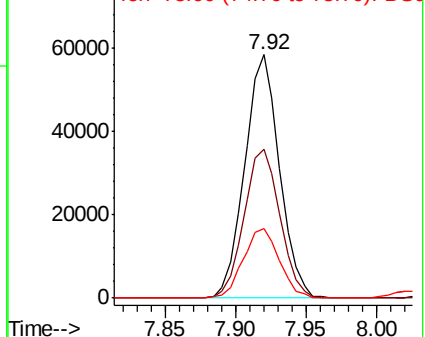
146 100

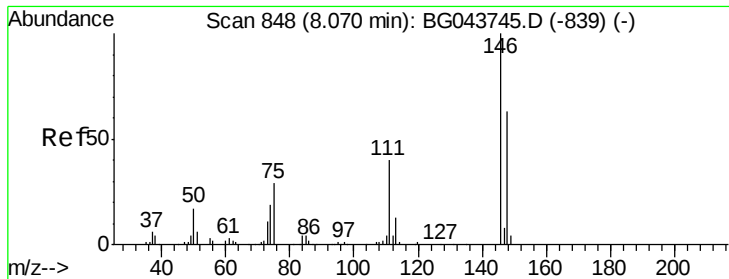
148 61.1 50.6 75.8

75 28.7 25.2 37.8



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC





#13

1,4-Dichlorobenzene

Concen: 45.770 ng

RT: 8.06 min Scan# 846

Delta R.T. -0.01 min

Lab File: BG043775.D

Acq: 25 Nov 2019 18:52

Instrument :

BNA_G

ClientSampleId :

PB125036BS

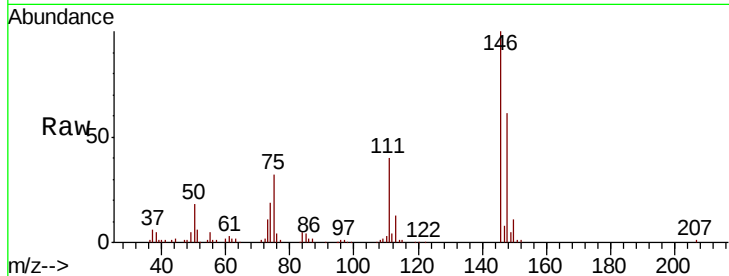
Tot Ion:146 Resp: 102532

Ion Ratio Lower Upper

146 100

148 61.4 50.1 75.1

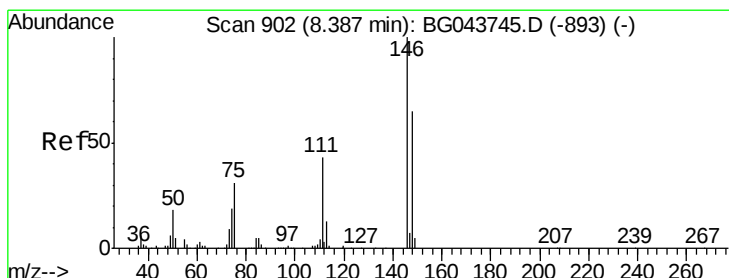
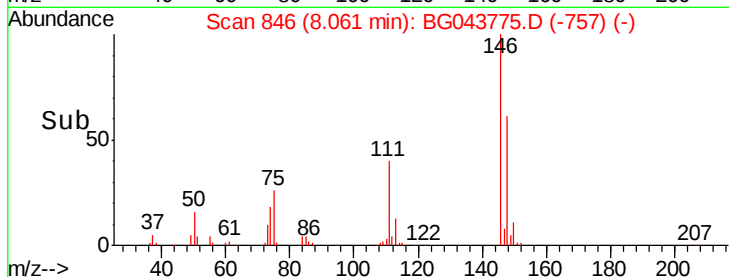
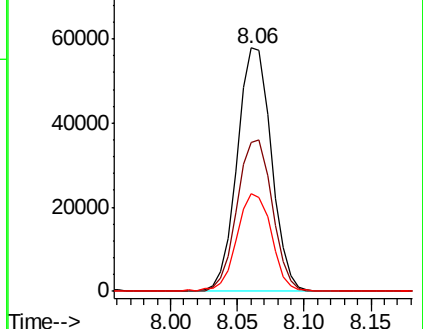
111 39.9 32.1 48.1



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: 50.915 ng

RT: 8.38 min Scan# 901

Delta R.T. -0.00 min

Lab File: BG043775.D

Acq: 25 Nov 2019 18:52

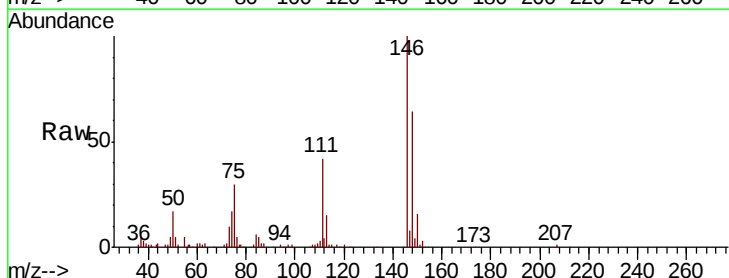
Tgt Ion:146 Resp: 107920

Ion Ratio Lower Upper

146 100

148 64.4 52.1 78.1

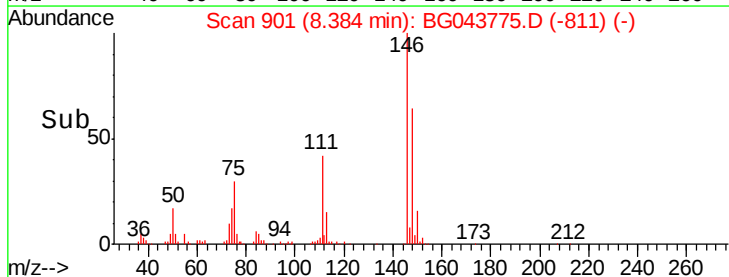
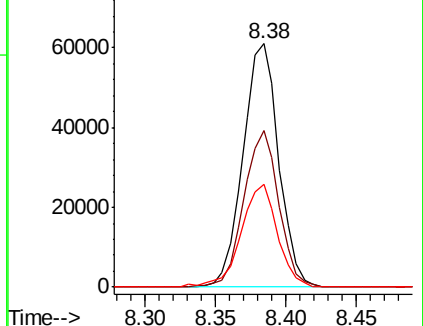
111 42.1 34.7 52.1

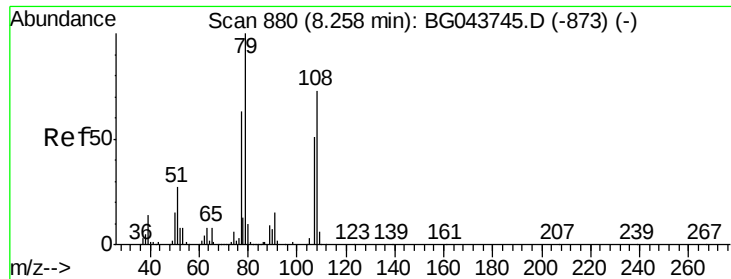


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 59.839 ng

RT: 8.25 min Scan# 879

Delta R.T. -0.00 min

Lab File: BG043775.D

Acq: 25 Nov 2019 18:52

Instrument :

BNA_G

ClientSampleId :

PB125036BS

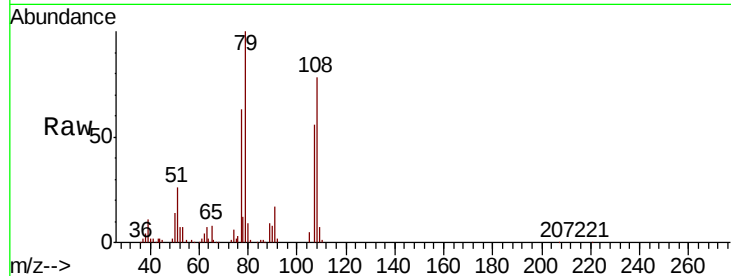
Tot Ion: 79 Resp: 119682

Ion Ratio Lower Upper

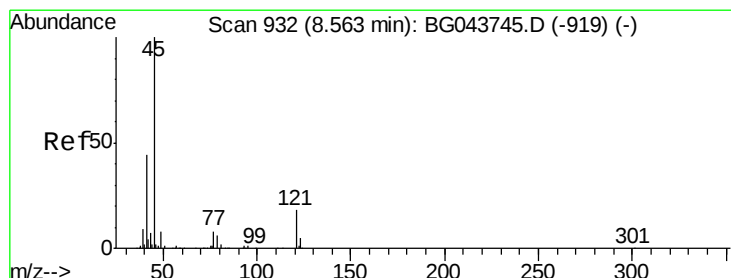
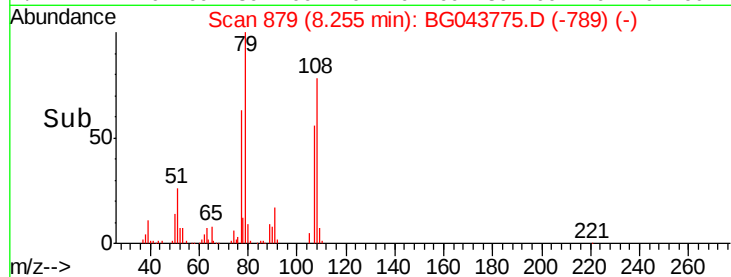
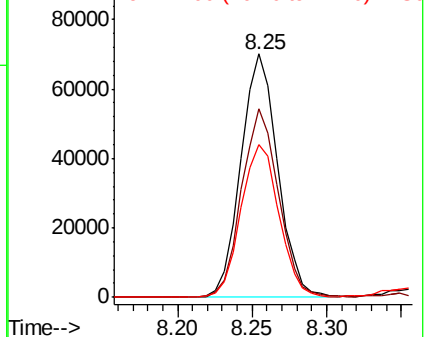
79 100

108 77.5 58.2 87.2

77 62.8 50.2 75.4



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: 53.166 ng

RT: 8.55 min Scan# 930

Delta R.T. -0.01 min

Lab File: BG043775.D

Acq: 25 Nov 2019 18:52

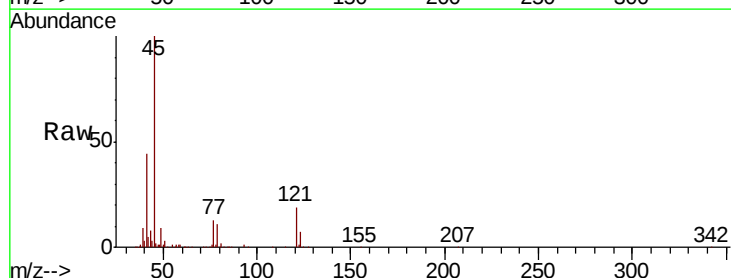
Tgt Ion: 45 Resp: 187582

Ion Ratio Lower Upper

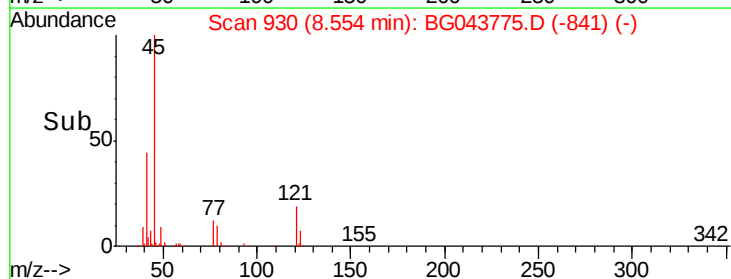
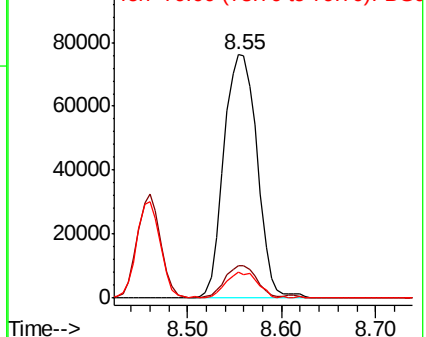
45 100

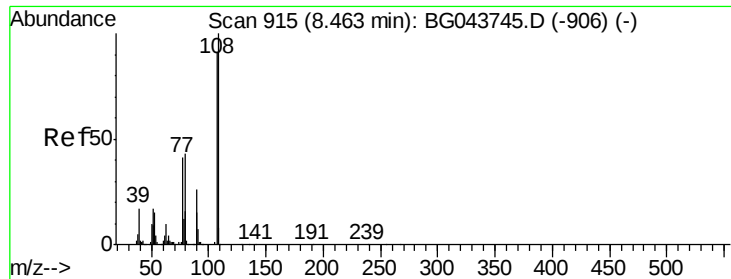
77 13.2 0.0 32.2

79 10.6 0.0 29.9



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: 70.444 ng

RT: 8.46 min Scan# 914

Delta R.T. -0.00 min

Lab File: BG043775.D

Acq: 25 Nov 2019 18:52

Instrument :

BNA_G

ClientSampleId :

PB125036BS

Tot Ion:107 Resp: 123807

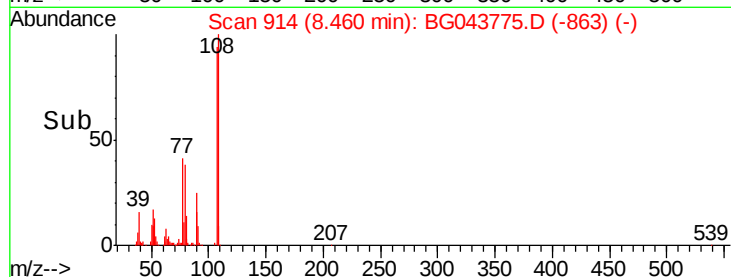
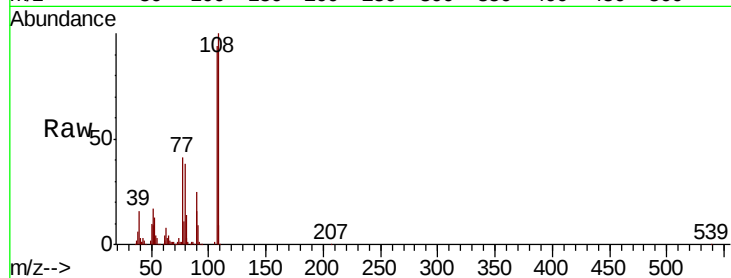
Ion Ratio Lower Upper

107 100

108 106.0 88.0 132.0

77 43.2 35.9 53.9

79 40.2 38.2 57.2

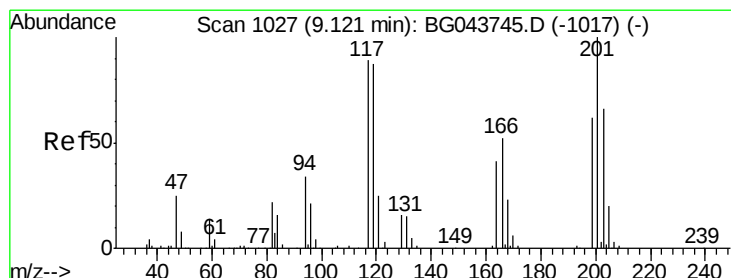
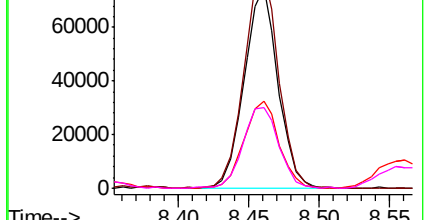


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 41.994 ng

RT: 9.12 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BG043775.D

Acq: 25 Nov 2019 18:52

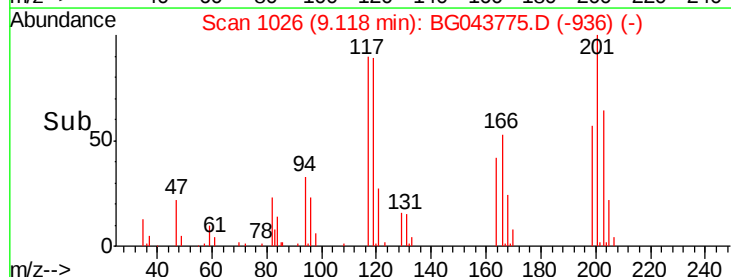
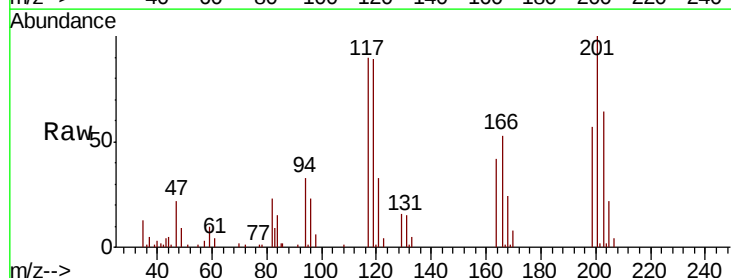
Tgt Ion:117 Resp: 35512

Ion Ratio Lower Upper

117 100

119 100.1 77.7 116.5

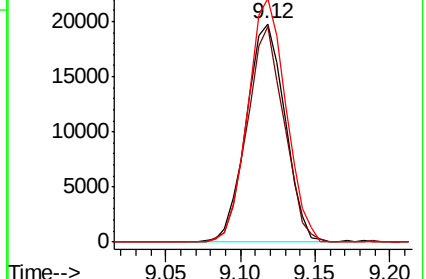
201 113.5 89.4 134.0

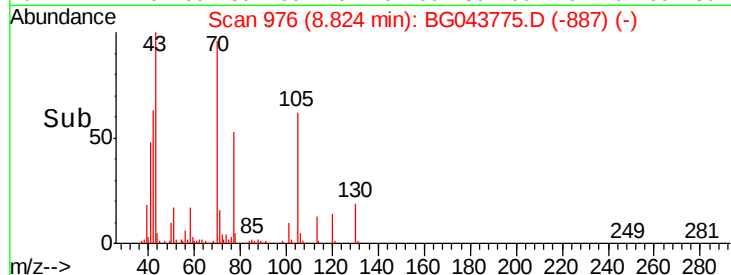
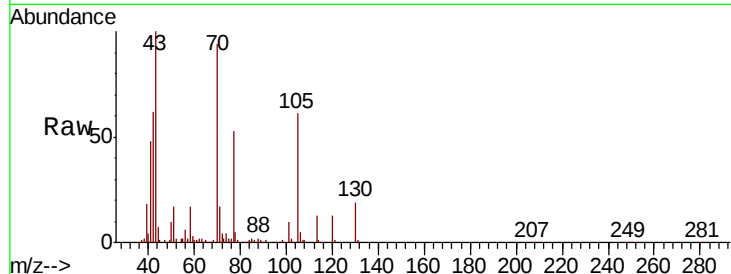
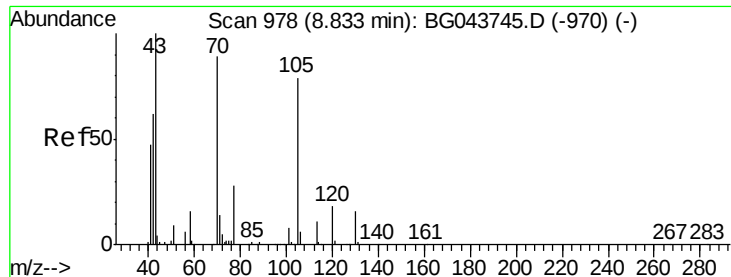


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

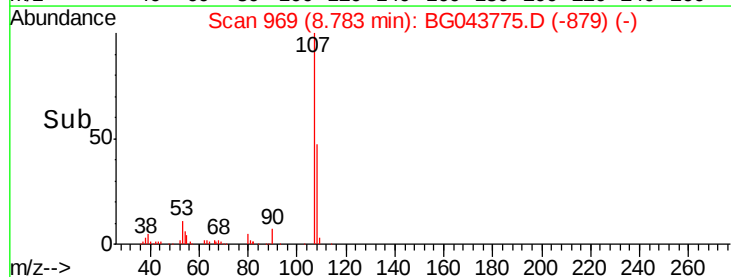
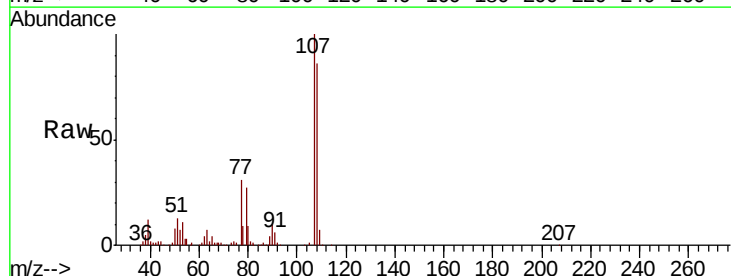
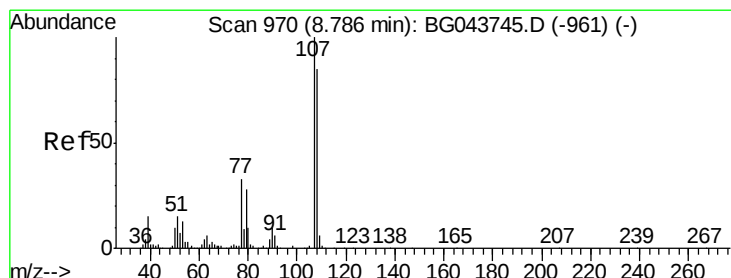
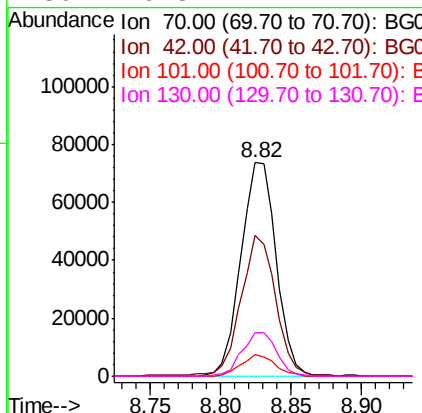




#19
n-Nitroso-di-n-propylamine
Concen: 68.612 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG043775.D
Acq: 25 Nov 2019 18:52

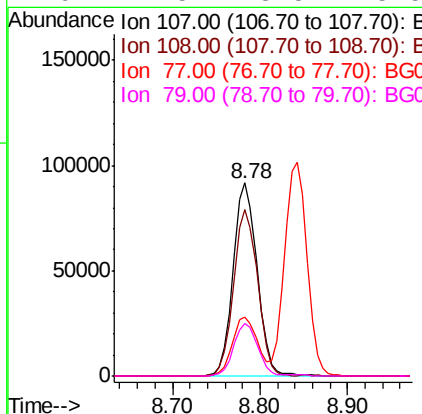
Instrument :
BNA_G
ClientSampleId :
PB125036BS

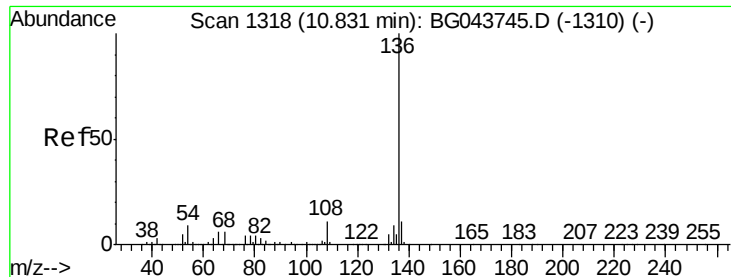
Tot Ion:	70	Resp:	129202
Ion	Ratio	Lower	Upper
70	100		
42	66.1	56.4	84.6
101	10.2	6.7	10.1#
130	20.3	14.7	22.1



#20
3+4-Methylphenols
Concen: 69.091 ng
RT: 8.78 min Scan# 969
Delta R.T. -0.00 min
Lab File: BG043775.D
Acq: 25 Nov 2019 18:52

Tgt Ion:	107	Resp:	169407
Ion	Ratio	Lower	Upper
107	100		
108	86.1	64.6	104.6
77	30.8	13.7	53.7
79	27.5	8.5	48.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BG043775.D

Acq: 25 Nov 2019 18:52

Instrument :

BNA_G

ClientSampleId :

PB125036BS

Tot Ion:136 Resp: 191301

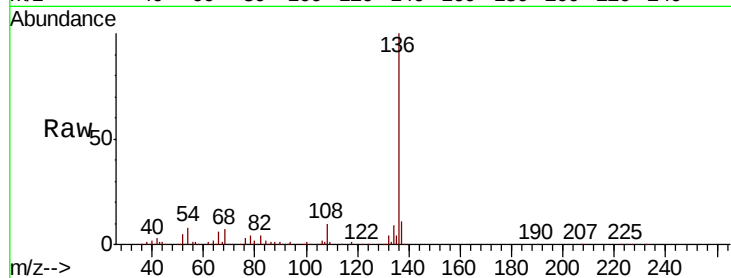
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 8.0 7.5 11.3

68 6.7 4.9 7.3

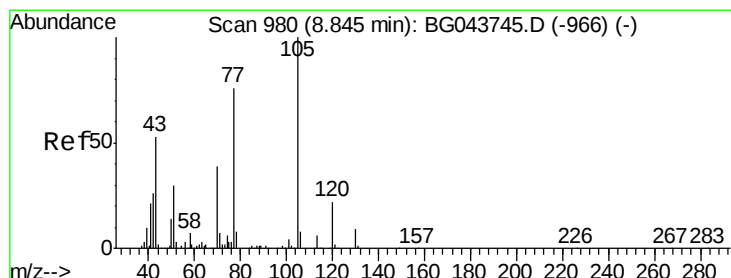
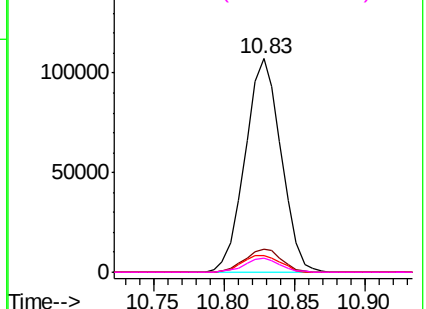
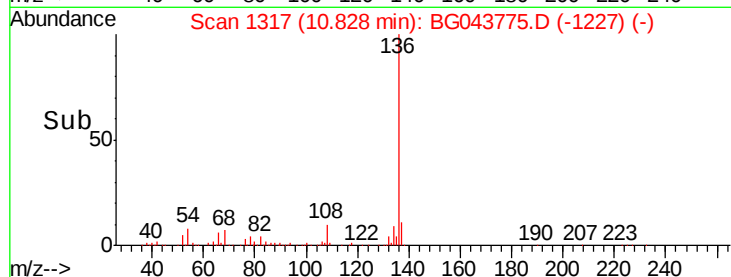


Abundance Ion 136.00 (135.70 to 136.70): E

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: 45.876 ng

RT: 8.84 min Scan# 979

Delta R.T. -0.00 min

Lab File: BG043775.D

Acq: 25 Nov 2019 18:52

Tgt Ion:105 Resp: 232604

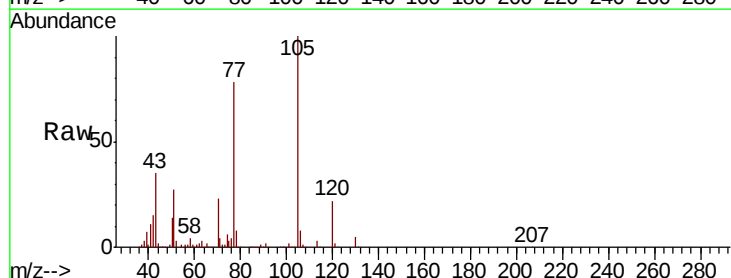
Ion Ratio Lower Upper

105 100

71 3.6 6.3 9.5#

51 27.0 24.7 37.1

120 22.3 17.7 26.5

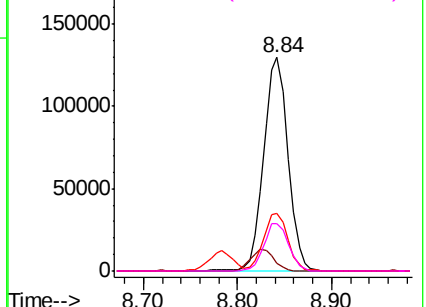
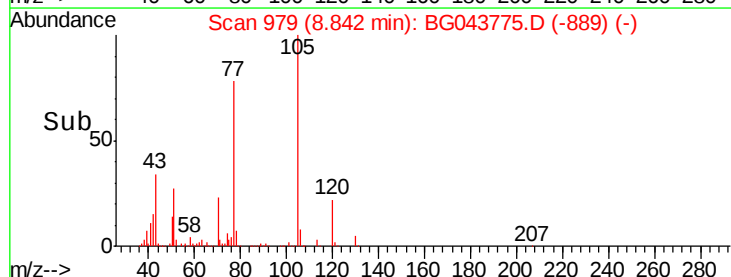


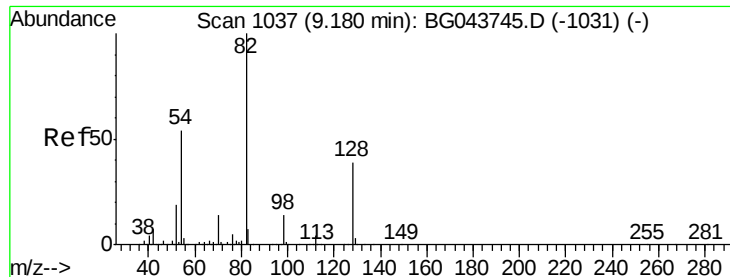
Abundance Ion 105.00 (104.70 to 105.70): E

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: 94.084 ng

RT: 9.18 min Scan# 1036

Delta R.T. -0.00 min

Lab File: BG043775.D

Acq: 25 Nov 2019 18:52

Instrument :

BNA_G

ClientSampleId :

PB125036BS

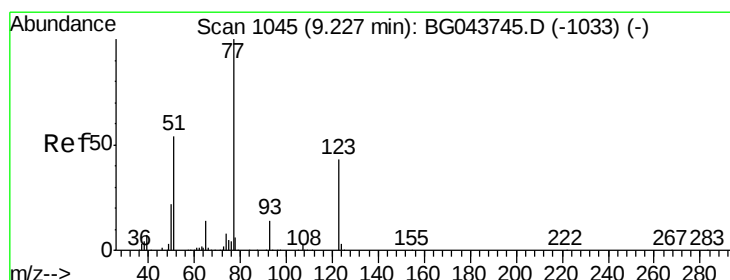
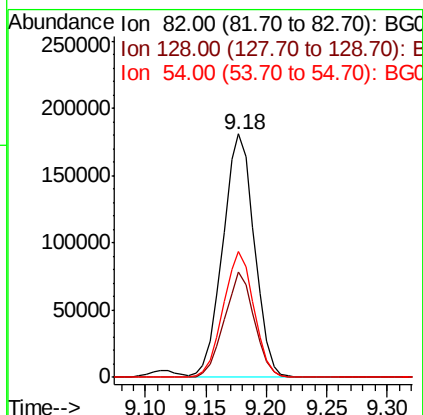
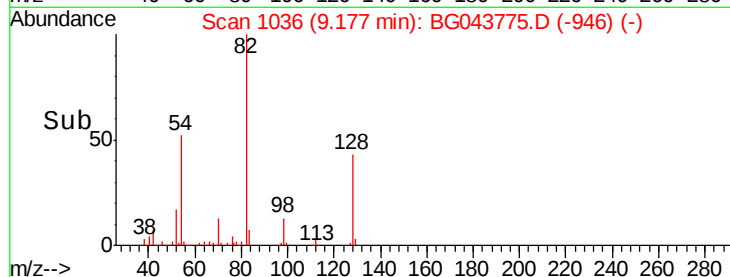
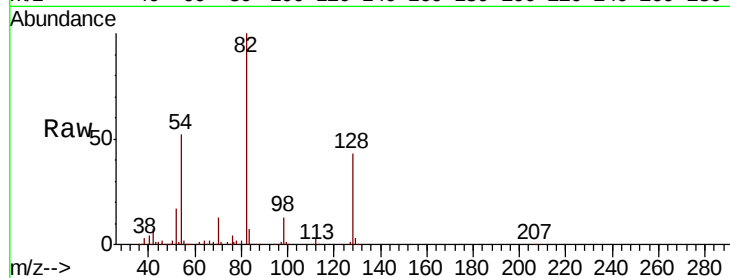
Tot Ion: 82 Resp: 327347

Ion Ratio Lower Upper

82 100

128 43.0 31.3 46.9

54 51.7 42.7 64.1



#24

Nitrobenzene

Concen: 47.069 ng

RT: 9.22 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BG043775.D

Acq: 25 Nov 2019 18:52

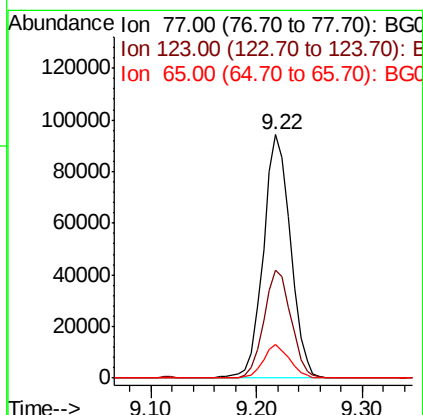
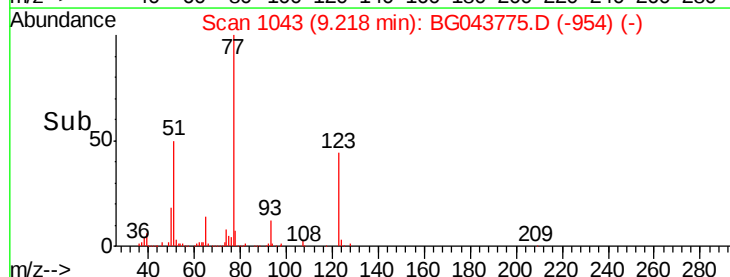
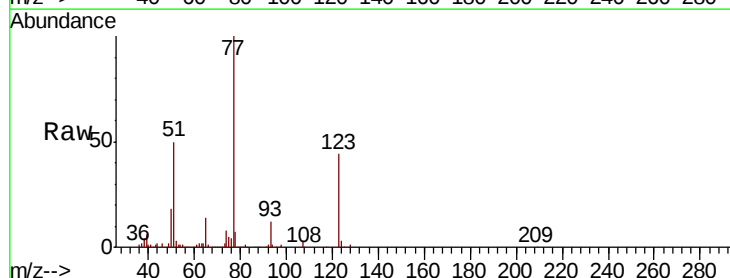
Tgt Ion: 77 Resp: 168335

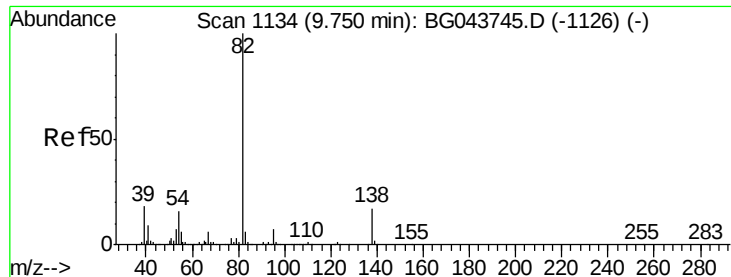
Ion Ratio Lower Upper

77 100

123 44.2 34.7 52.1

65 13.8 11.0 16.6





#25

Isophorone

Concen: 52.930 ng

RT: 9.75 min Scan# 1133

Delta R.T. -0.00 min

Lab File: BG043775.D

Acq: 25 Nov 2019 18:52

Instrument :

BNA_G

ClientSampleId :

PB125036BS

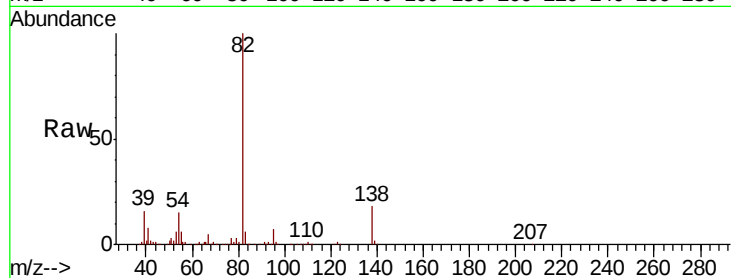
Tot Ion: 82 Resp: 394881

Ion Ratio Lower Upper

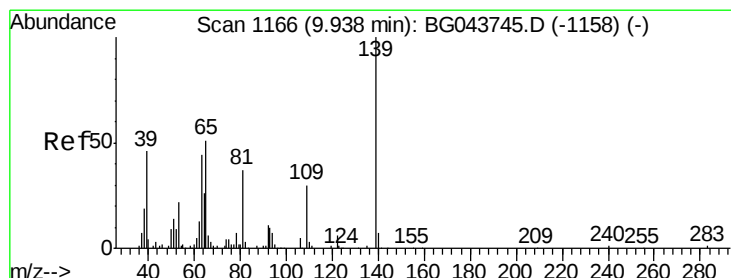
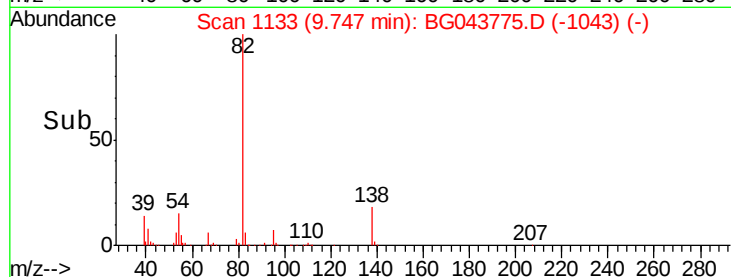
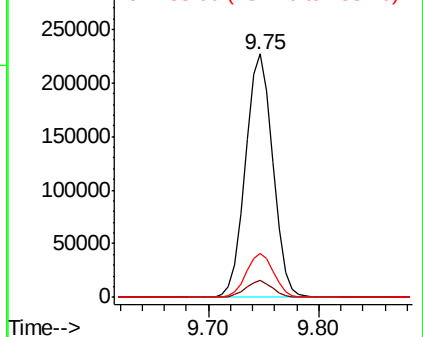
82 100

95 7.2 5.9 8.9

138 18.0 13.3 19.9



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: 50.851 ng

RT: 9.93 min Scan# 1165

Delta R.T. -0.00 min

Lab File: BG043775.D

Acq: 25 Nov 2019 18:52

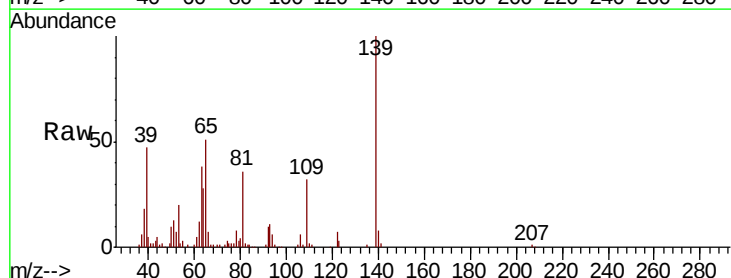
Tgt Ion: 139 Resp: 65613

Ion Ratio Lower Upper

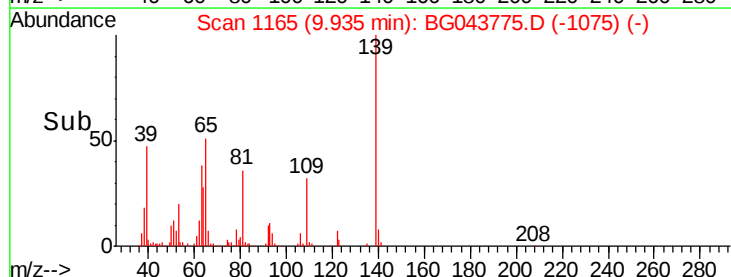
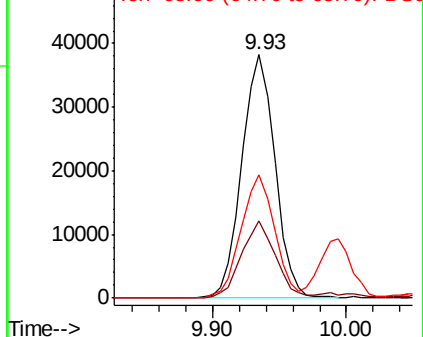
139 100

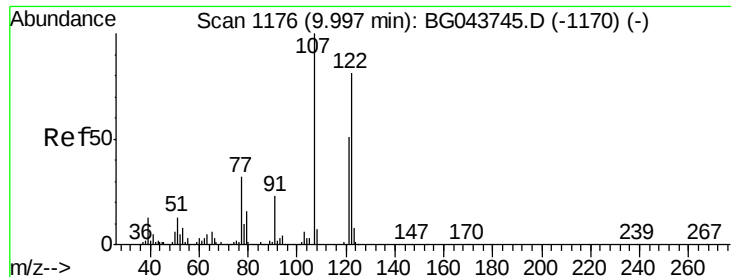
109 31.6 24.1 36.1

65 50.6 41.1 61.7



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

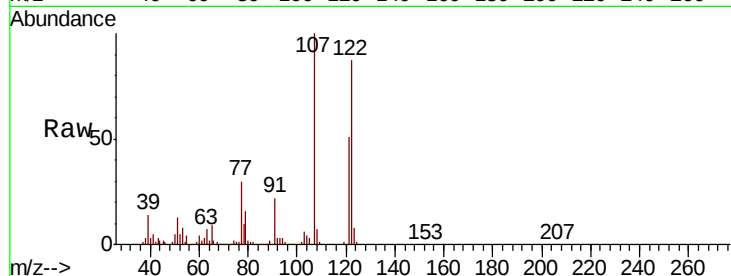




#27
 2,4-Dimethylphenol
 Concen: 63.195 ng
 RT: 9.99 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: BG043775.D
 Acq: 25 Nov 2019 18:52

Instrument :
 BNA_G
 ClientSampleId :
 PB125036BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.5	98.5	147.7
121	58.9	49.6	74.4

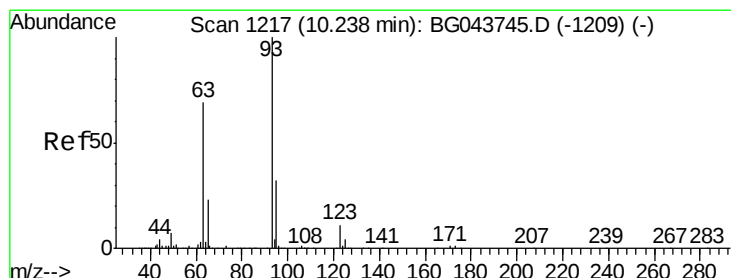
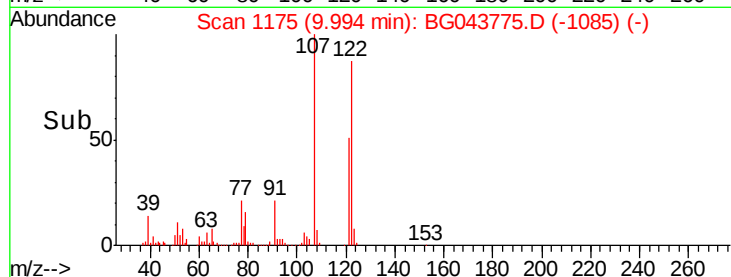
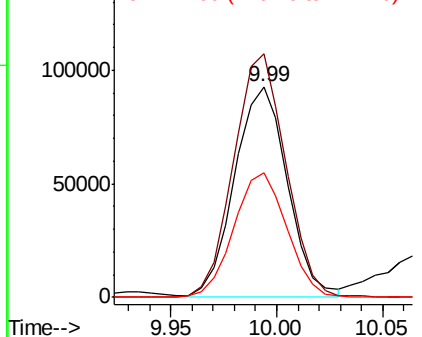


Abundance

Ion 122.00 (121.70 to 122.70): E

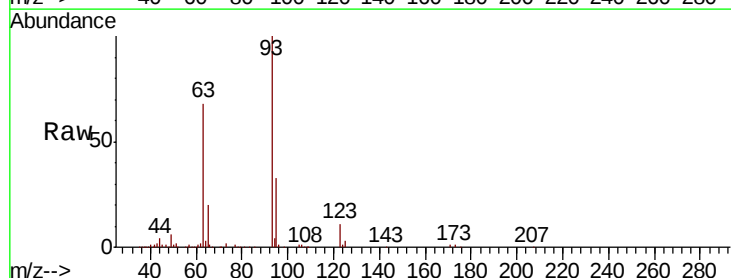
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 48.165 ng
 RT: 10.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BG043775.D
 Acq: 25 Nov 2019 18:52

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.0	39.0
123	11.0	8.7	13.1

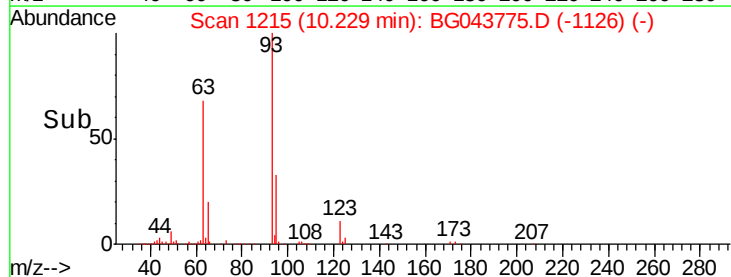
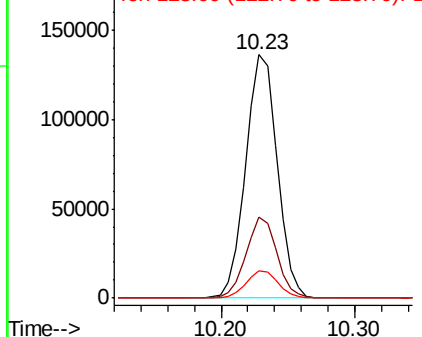


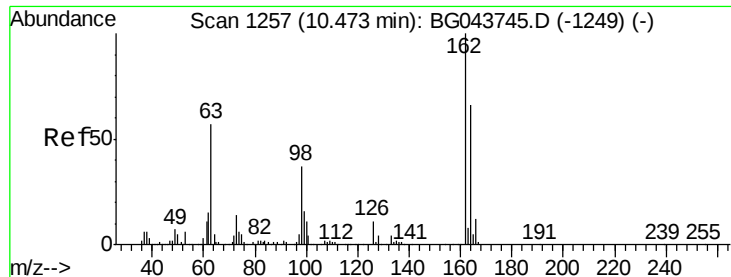
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

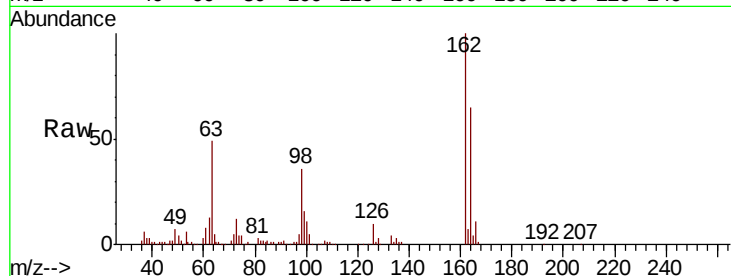




#29
 2,4-Dichlorophenol
 Concen: 60.044 ng
 RT: 10.47 min Scan# 1256
 Delta R.T. -0.00 min
 Lab File: BG043775.D
 Acq: 25 Nov 2019 18:52

Instrument :
 BNA_G
 ClientSampleId :
 PB125036BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.0	46.4	86.4
98	35.8	17.3	57.3

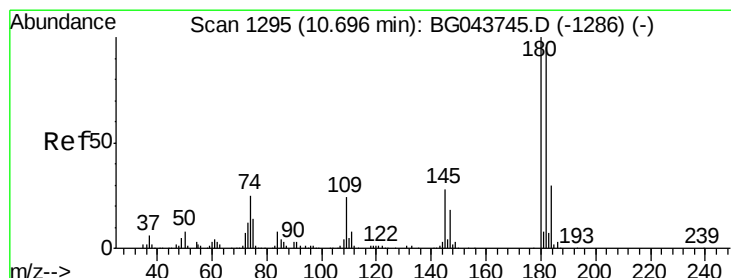
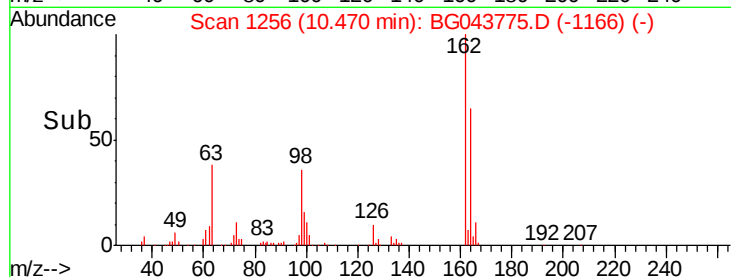
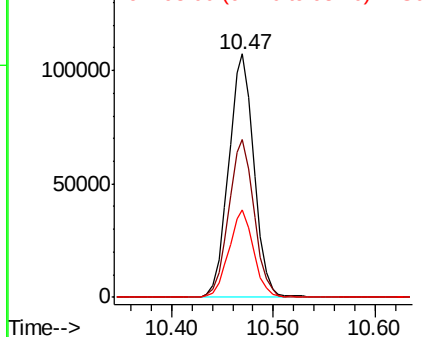


Abundance

Ion 162.00 (161.70 to 162.70): E

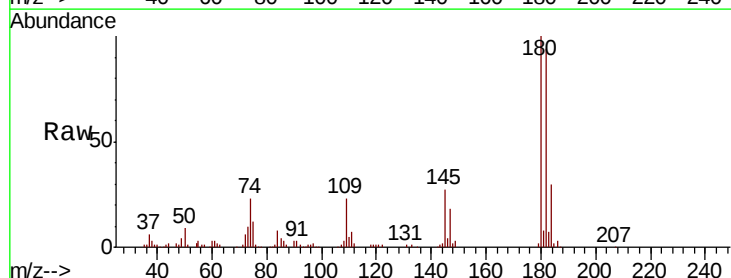
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
 1,2,4-Trichlorobenzene
 Concen: 40.896 ng
 RT: 10.69 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: BG043775.D
 Acq: 25 Nov 2019 18:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	75.8	113.6
145	26.8	22.5	33.7

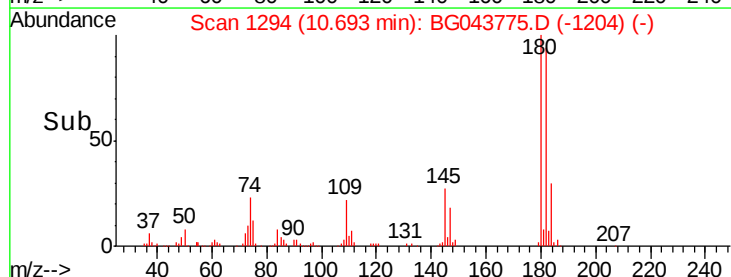
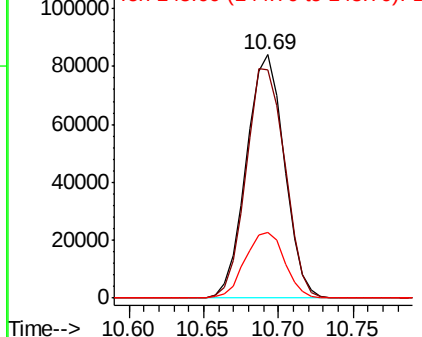


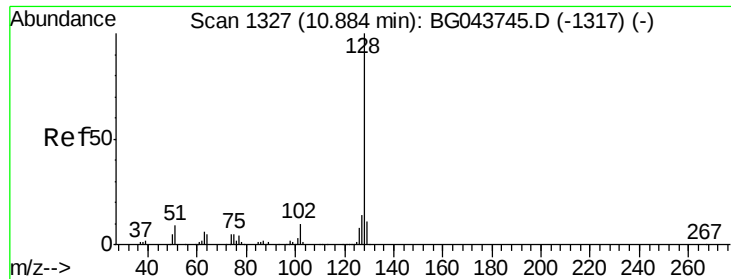
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

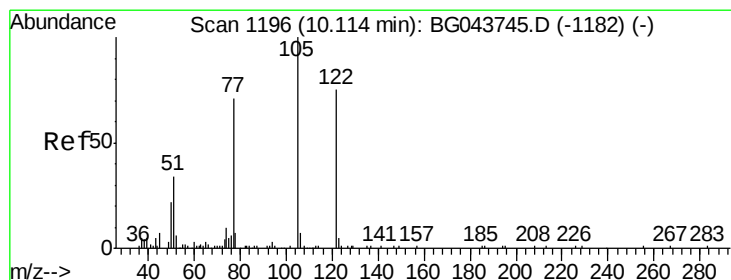
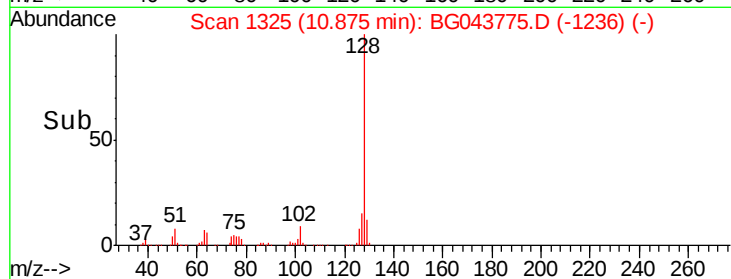
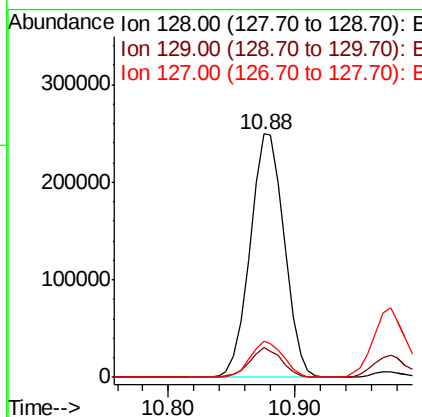
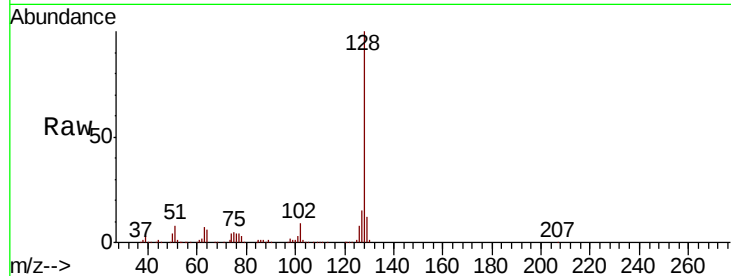




#31
Naphthalene
Concen: 49.285 ng
RT: 10.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG043775.D
Acq: 25 Nov 2019 18:52

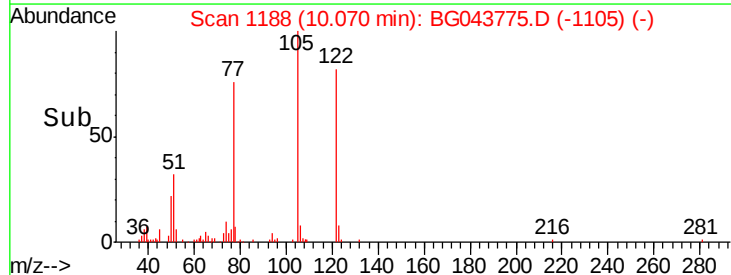
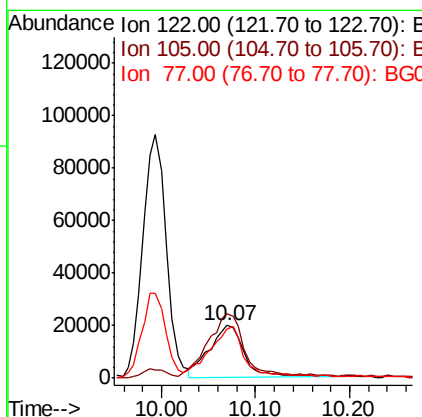
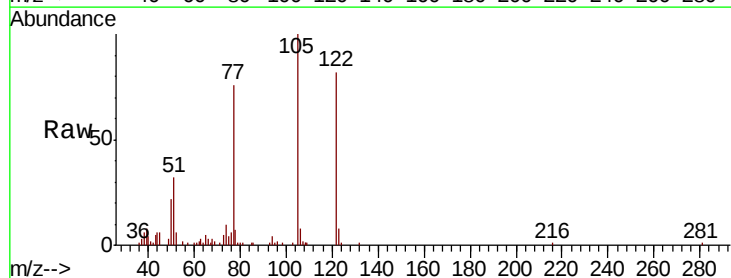
Instrument :
BNA_G
ClientSampleId :
PB125036BS

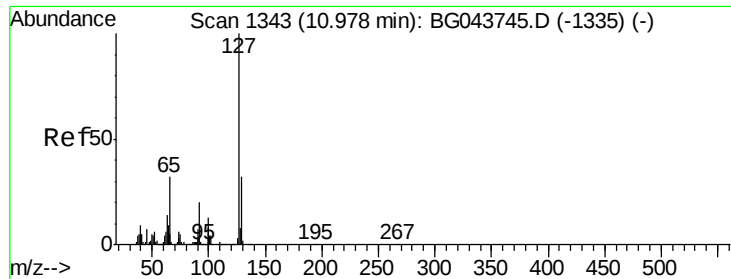
Tot Ion:128 Resp: 467700
Ion Ratio Lower Upper
128 100
129 12.3 9.1 13.7
127 14.7 11.4 17.0



#32
Benzoic acid
Concen: 27.940 ng
RT: 10.07 min Scan# 1188
Delta R.T. -0.04 min
Lab File: BG043775.D
Acq: 25 Nov 2019 18:52

Tgt Ion:122 Resp: 51049
Ion Ratio Lower Upper
122 100
105 122.4 109.3 149.3
77 93.5 76.1 116.1

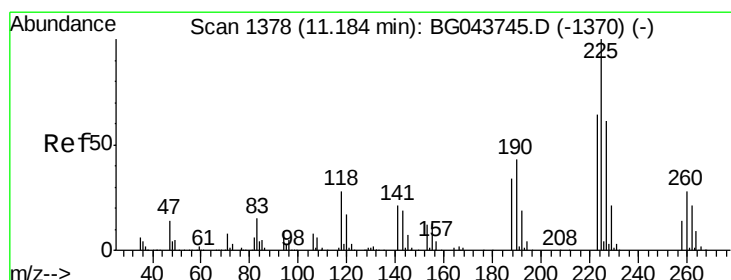
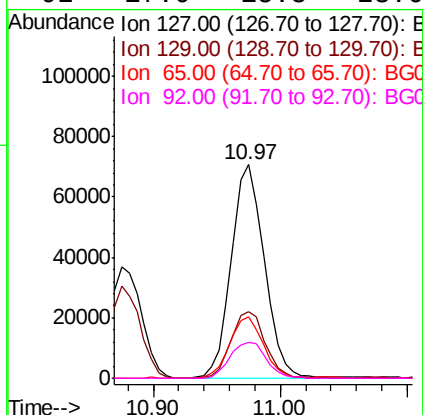
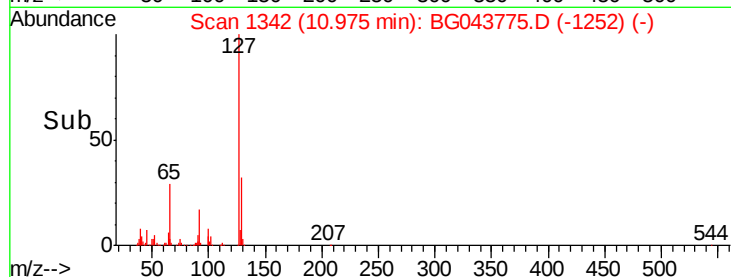
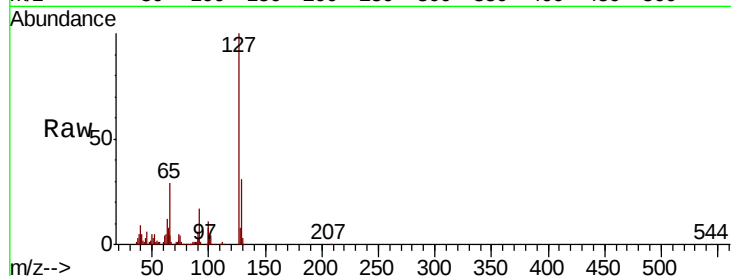




#33
4-Chloroaniline
Concen: 28.087 ng
RT: 10.97 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BG043775.D
Acq: 25 Nov 2019 18:52

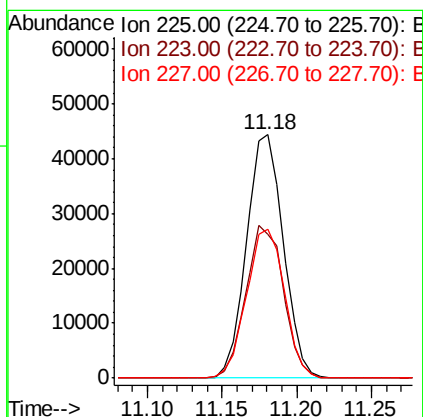
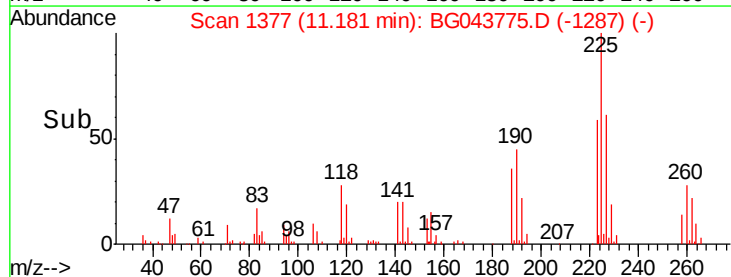
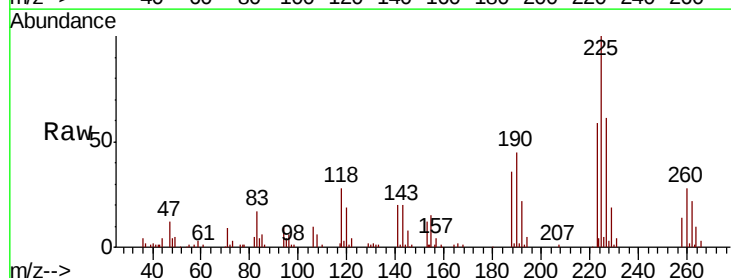
Instrument :
BNA_G
ClientSampleId :
PB125036BS

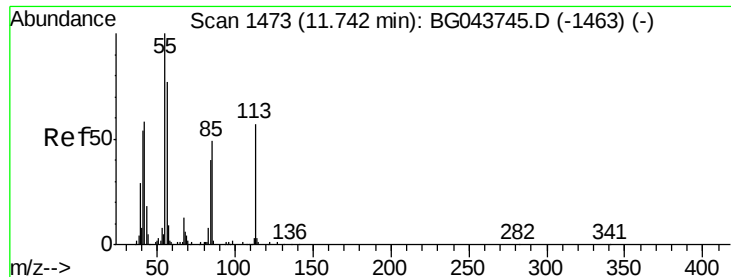
Tot Ion:	127	Resp:	128415
Ion	Ratio	Lower	Upper
127	100		
129	31.4	25.9	38.9
65	29.0	25.8	38.8
92	17.0	15.8	23.6



#34
Hexachlorobutadiene
Concen: 31.725 ng
RT: 11.18 min Scan# 1377
Delta R.T. -0.00 min
Lab File: BG043775.D
Acq: 25 Nov 2019 18:52

Tgt Ion:	225	Resp:	75296
Ion	Ratio	Lower	Upper
225	100		
223	59.1	51.2	76.8
227	63.9	51.0	76.4

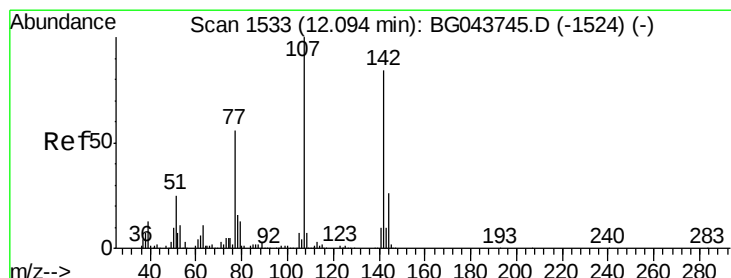
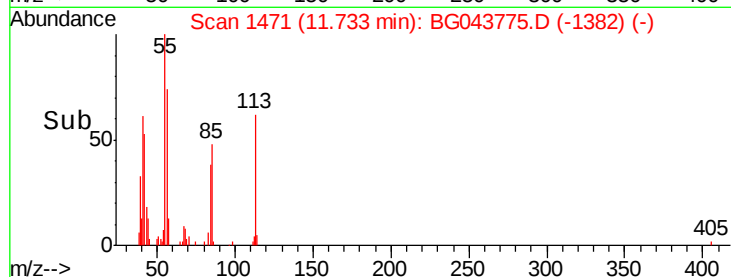
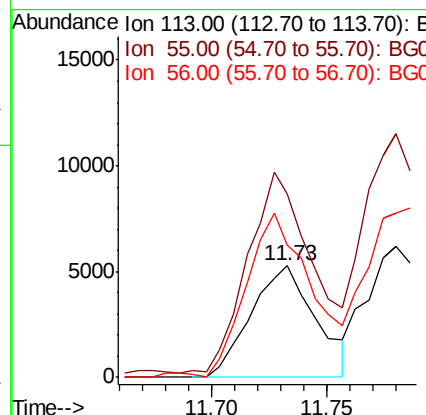
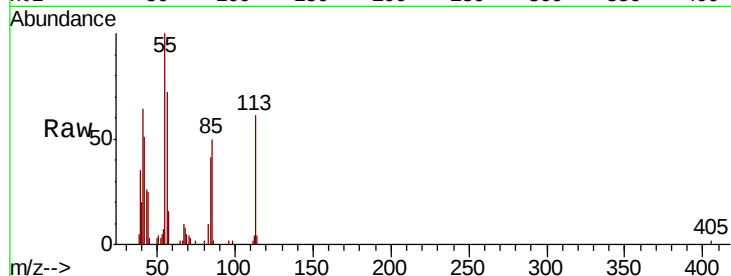




#35
 Caprolactam
 Concen: 8.141 ng
 RT: 11.73 min Scan# 1471
 Delta R.T. -0.01 min
 Lab File: BG043775.D
 Acq: 25 Nov 2019 18:52

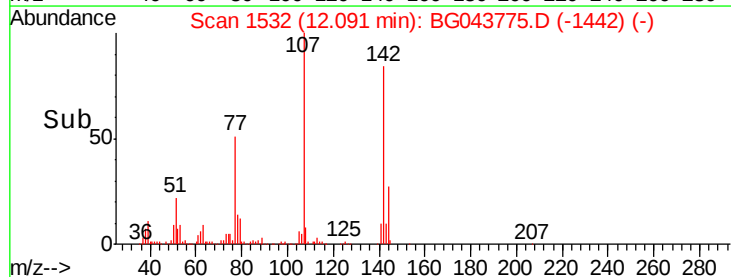
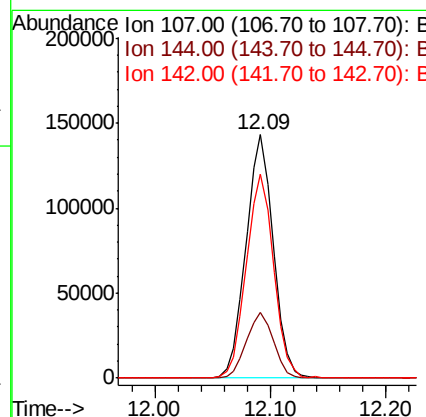
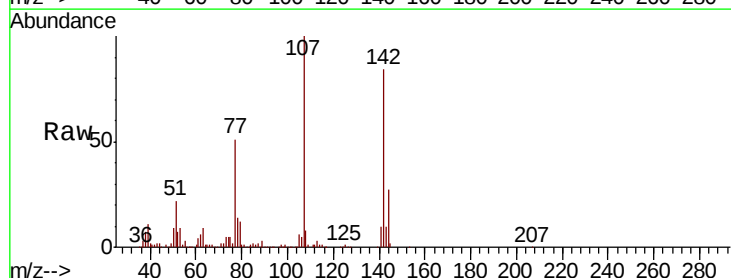
Instrument :
 BNA_G
 ClientSampleId :
 PB125036BS

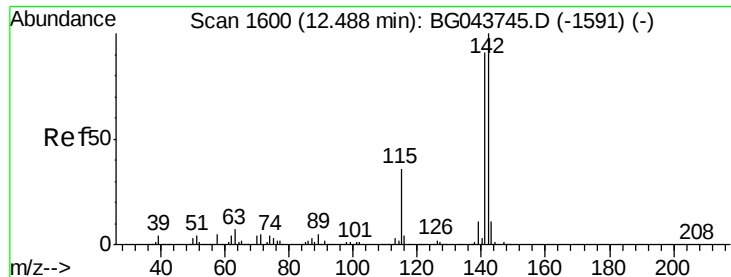
Tot Ion:113 Resp: 10196
 Ion Ratio Lower Upper
 113 100
 55 164.6 160.9 200.9
 56 119.0 116.8 156.8



#36
 4-Chloro-3-methylphenol
 Concen: 67.740 ng
 RT: 12.09 min Scan# 1532
 Delta R.T. -0.00 min
 Lab File: BG043775.D
 Acq: 25 Nov 2019 18:52

Tgt Ion:107 Resp: 234479
 Ion Ratio Lower Upper
 107 100
 144 26.9 21.0 31.4
 142 83.5 67.0 100.4

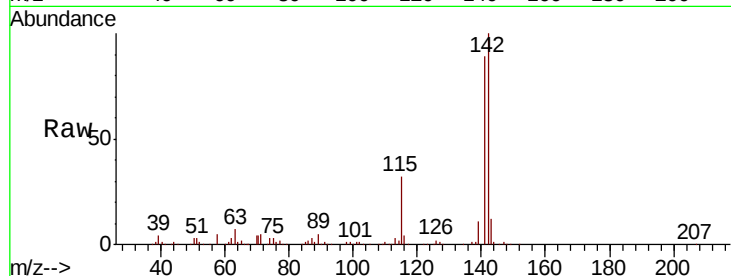




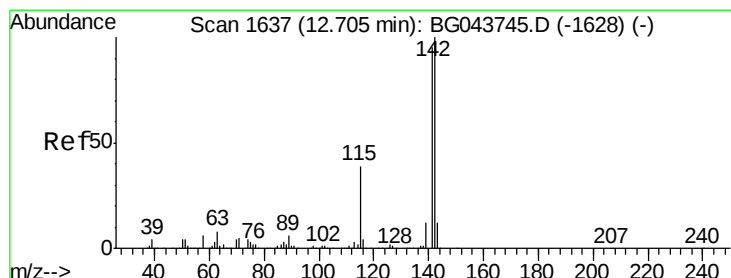
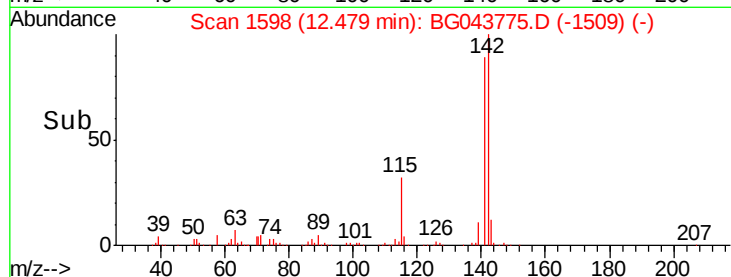
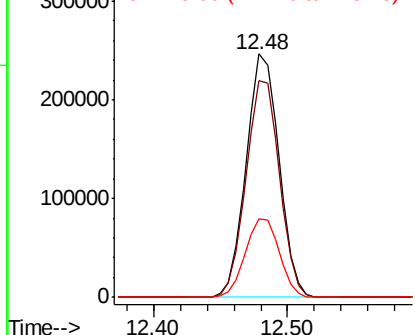
#37
2-Methylnaphthalene
Concen: 58.428 ng
RT: 12.48 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BG043775.D
Acq: 25 Nov 2019 18:52

Instrument :
BNA_G
ClientSampleId :
PB125036BS

Tot Ion:142 Resp: 417834
Ion Ratio Lower Upper
142 100
141 89.2 72.8 109.2
115 32.4 28.9 43.3

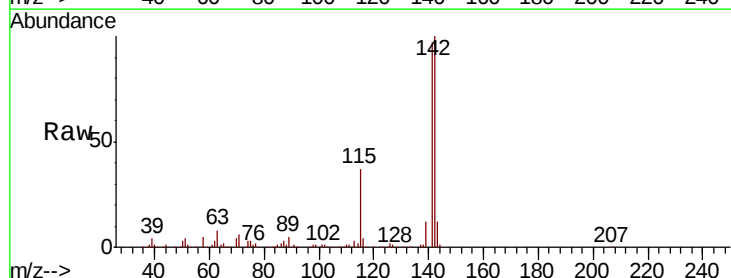


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

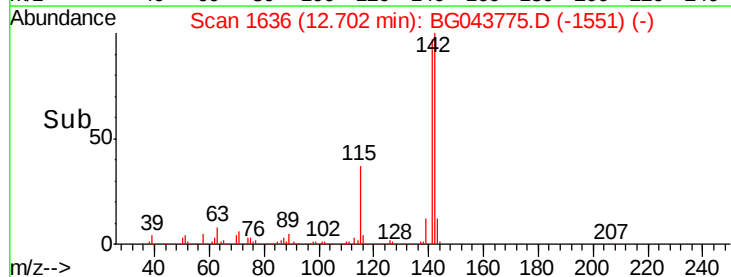
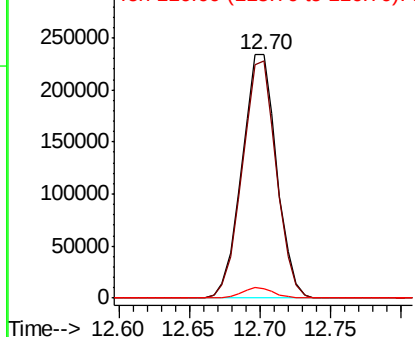


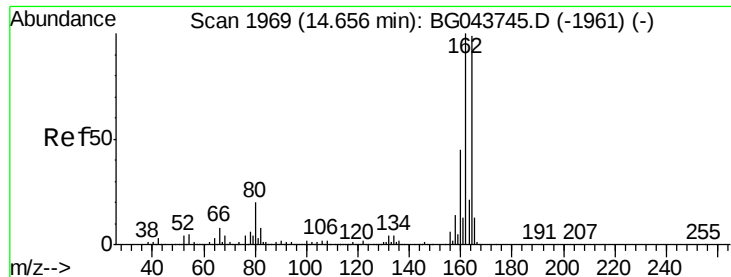
#38
1-Methylnaphthalene
Concen: 59.165 ng
RT: 12.70 min Scan# 1636
Delta R.T. -0.00 min
Lab File: BG043775.D
Acq: 25 Nov 2019 18:52

Tgt Ion:142 Resp: 401558
Ion Ratio Lower Upper
142 100
141 97.2 75.8 113.8
116 3.7 3.4 5.0



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BG043775.D

Acq: 25 Nov 2019 18:52

Instrument :

BNA_G

ClientSampleId :

PB125036BS

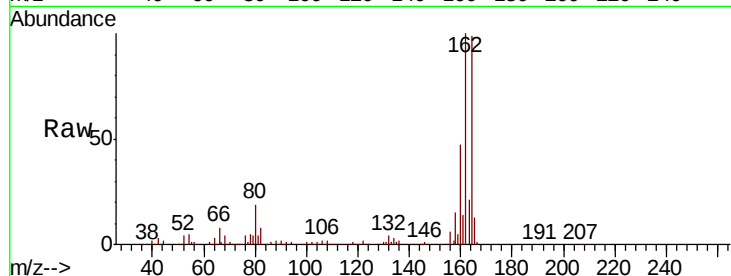
Tot Ion:164 Resp: 188400

Ion Ratio Lower Upper

164 100

162 100.9 80.6 121.0

160 46.9 36.3 54.5

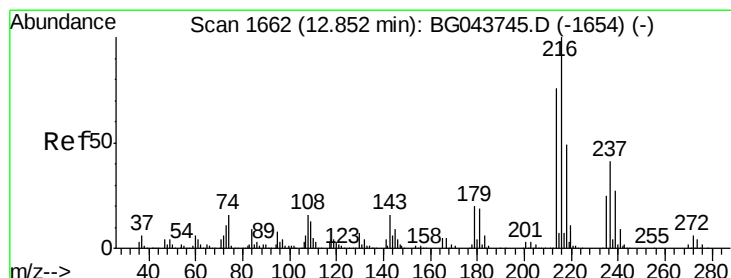
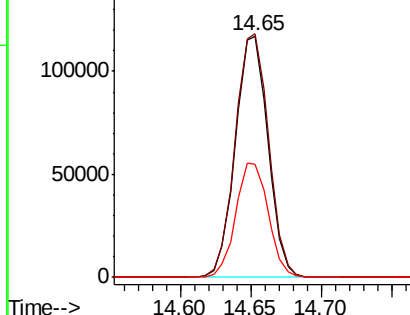
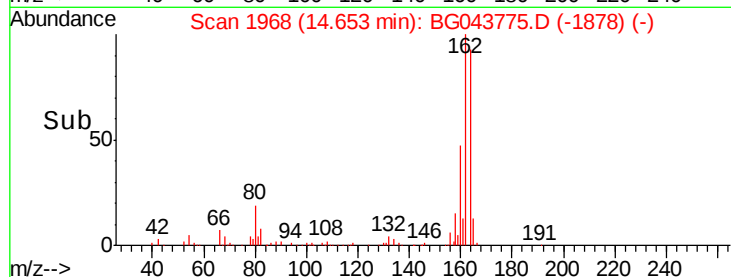


Abundance

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: 36.840 ng

RT: 12.85 min Scan# 1661

Delta R.T. -0.00 min

Lab File: BG043775.D

Acq: 25 Nov 2019 18:52

Tgt Ion:216 Resp: 220849

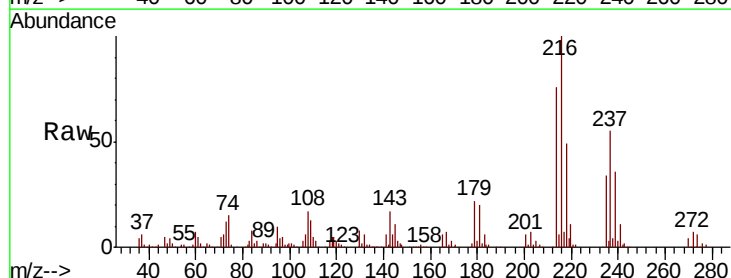
Ion Ratio Lower Upper

216 100

214 76.3 62.0 93.0

179 21.0 16.3 24.5

108 17.6 13.0 19.6



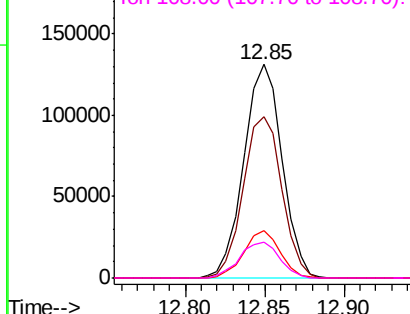
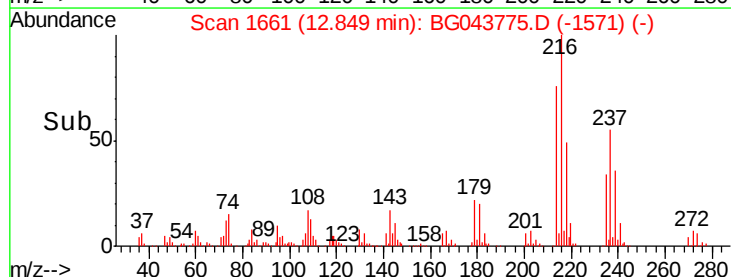
Abundance

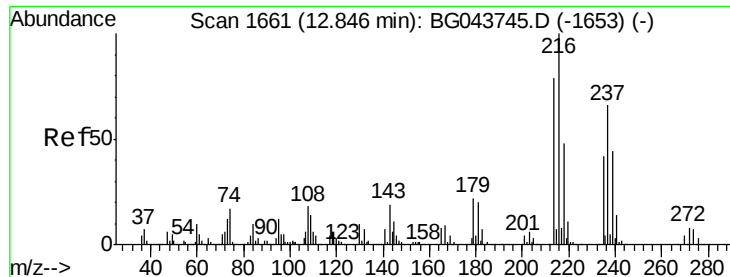
Ion 216.00 (215.70 to 216.70): E

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: 53.420 ng

RT: 12.84 min Scan# 1659

Delta R.T. -0.01 min

Lab File: BG043775.D

Acq: 25 Nov 2019 18:52

Instrument :

BNA_G

ClientSampleId :

PB125036BS

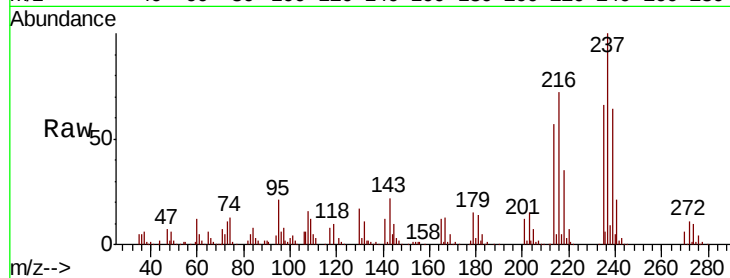
Tot Ion:237 Resp: 173020

Ion Ratio Lower Upper

237 100

235 66.1 43.8 83.8

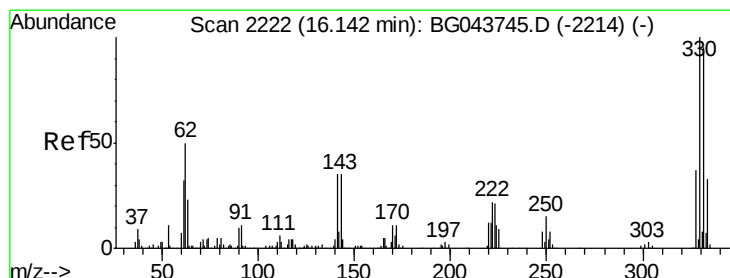
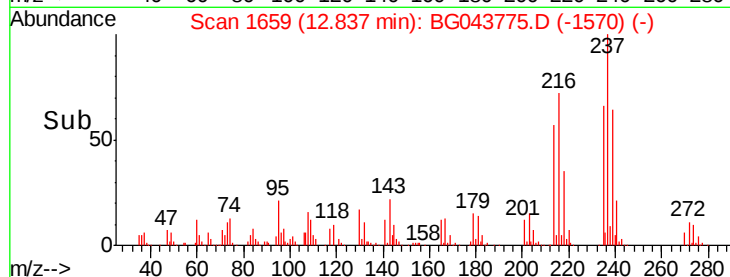
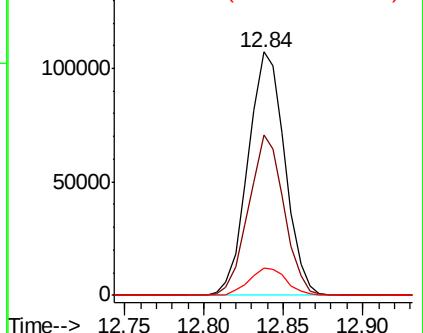
272 11.4 0.0 31.8



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: 164.801 ng

RT: 16.13 min Scan# 2220

Delta R.T. -0.01 min

Lab File: BG043775.D

Acq: 25 Nov 2019 18:52

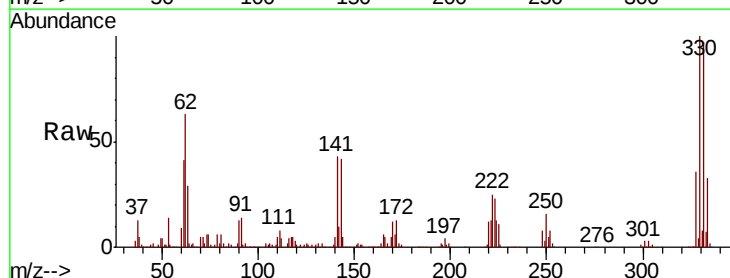
Tgt Ion:330 Resp: 374493

Ion Ratio Lower Upper

330 100

332 96.4 77.3 115.9

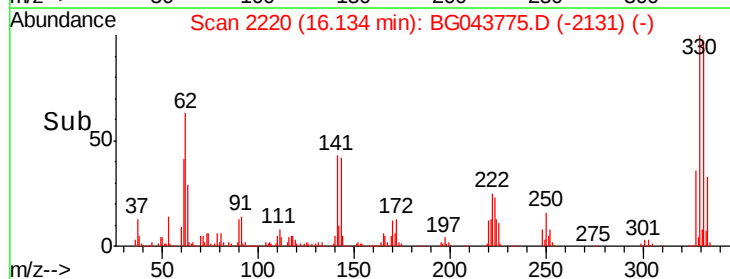
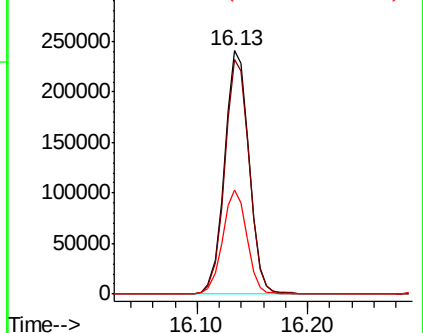
141 42.5 31.4 47.2

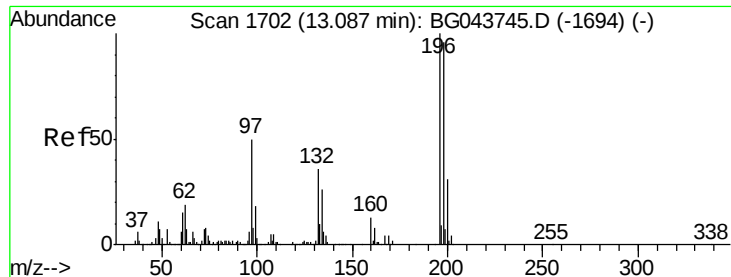


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

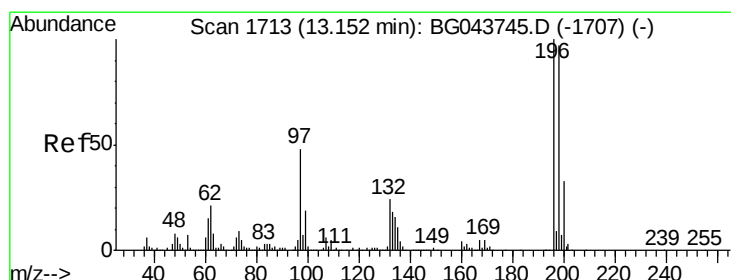
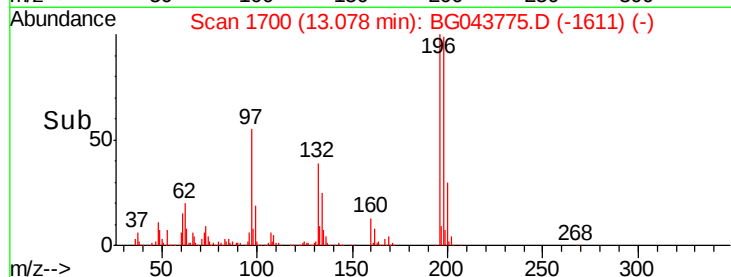
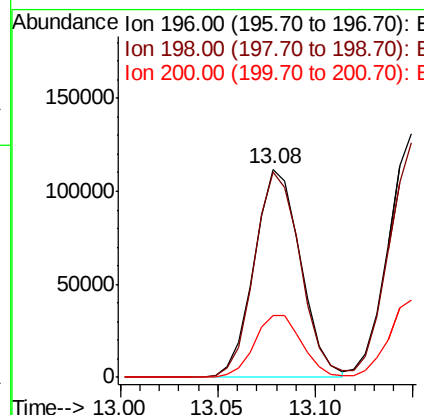
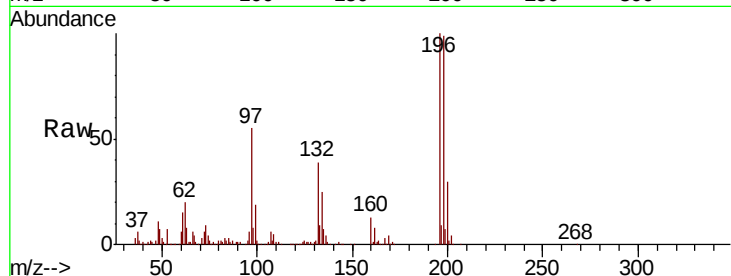




#43
 2,4,6-Trichlorophenol
 Concen: 47.870 ng
 RT: 13.08 min Scan# 1700
 Delta R.T. -0.01 min
 Lab File: BG043775.D
 Acq: 25 Nov 2019 18:52

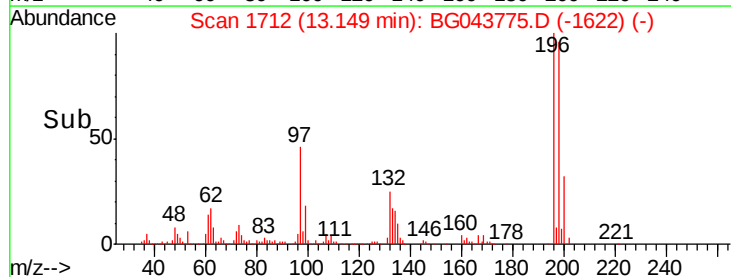
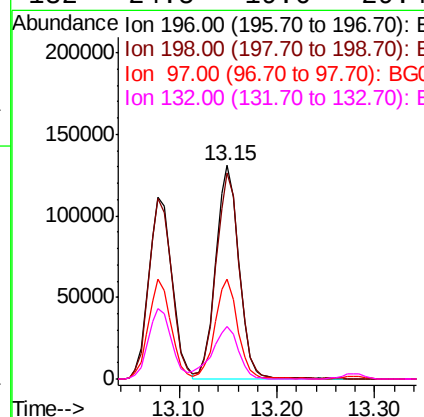
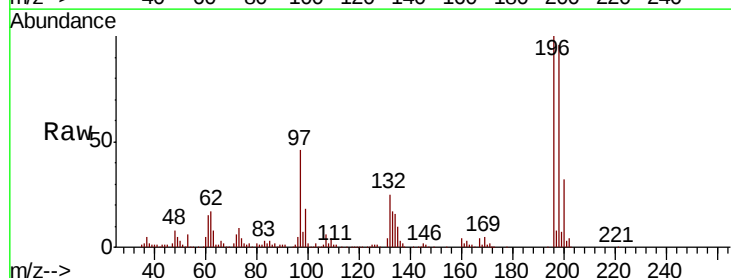
Instrument :
 BNA_G
 ClientSampleId :
 PB125036BS

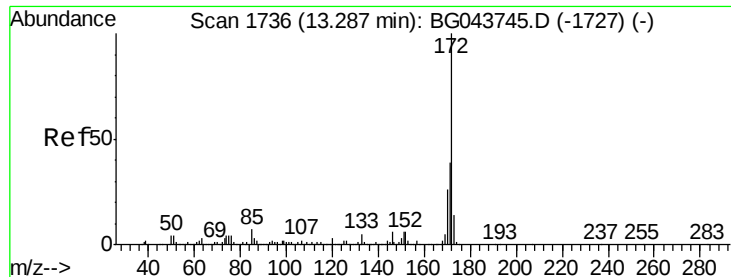
Tot Ion	Ratio	Lower	Upper
196	100		
198	98.7	76.5	114.7
200	29.5	24.6	36.8



#44
 2,4,5-Trichlorophenol
 Concen: 53.646 ng
 RT: 13.15 min Scan# 1712
 Delta R.T. -0.00 min
 Lab File: BG043775.D
 Acq: 25 Nov 2019 18:52

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.2	78.2	117.2
97	46.5	39.1	58.7
132	24.5	19.6	29.4

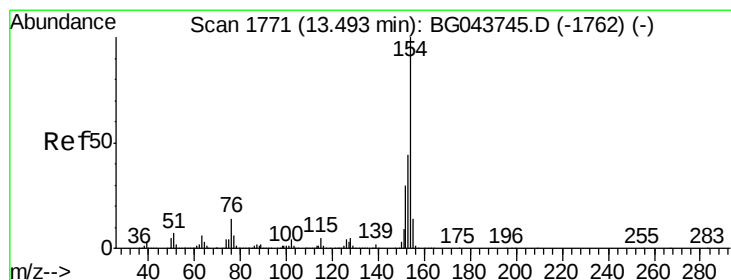
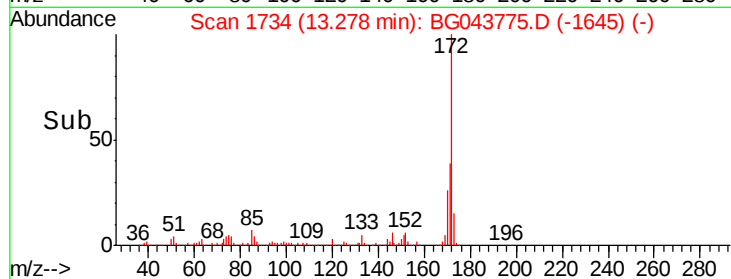
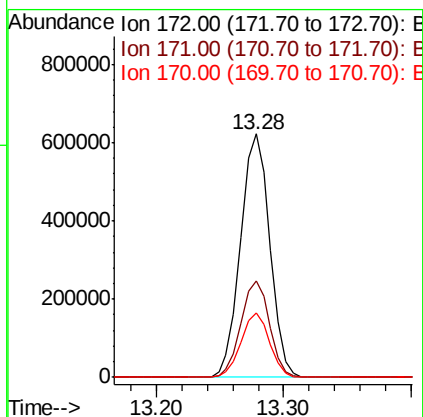
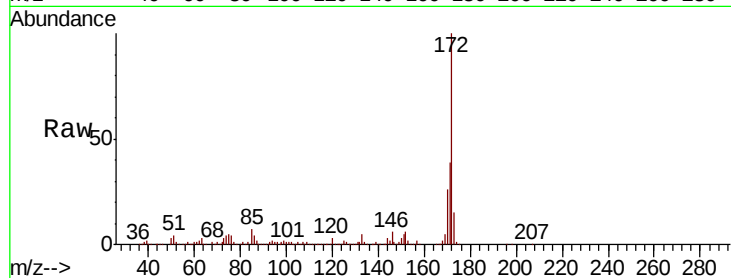




#45
2-Fluorobiphenyl
Concen: 86.631 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.01 min
Lab File: BG043775.D
Acq: 25 Nov 2019 18:52

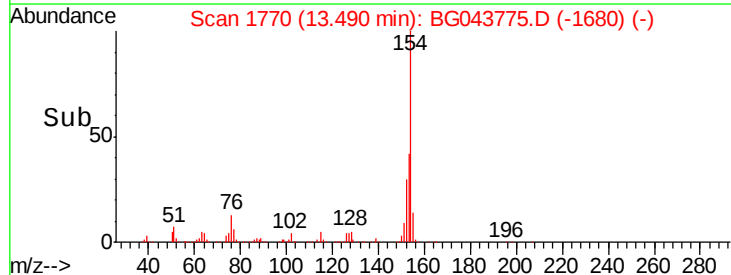
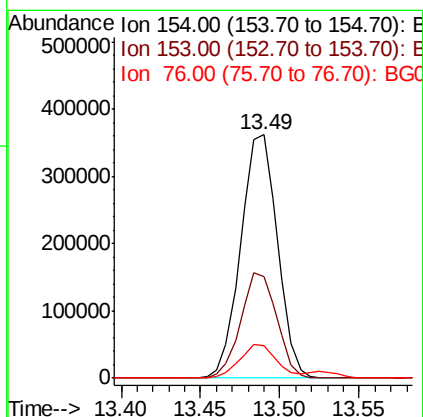
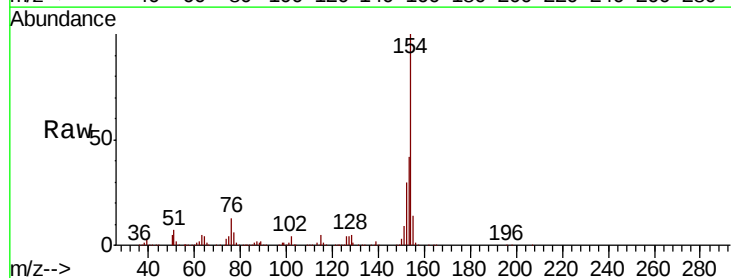
Instrument :
BNA_G
ClientSampleId :
PB125036BS

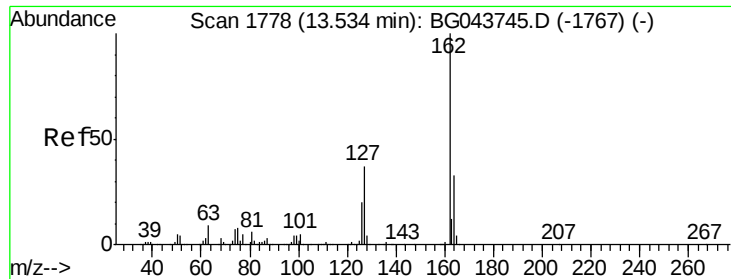
Tot Ion	Ratio	Lower	Upper
172	100		
171	39.4	31.0	46.6
170	26.4	21.0	31.4



#46
1,1'-Biphenyl
Concen: 44.650 ng
RT: 13.49 min Scan# 1770
Delta R.T. -0.00 min
Lab File: BG043775.D
Acq: 25 Nov 2019 18:52

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.8	23.5	63.5
76	13.3	0.0	33.6

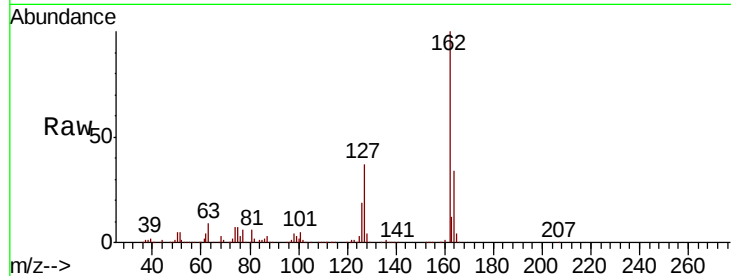




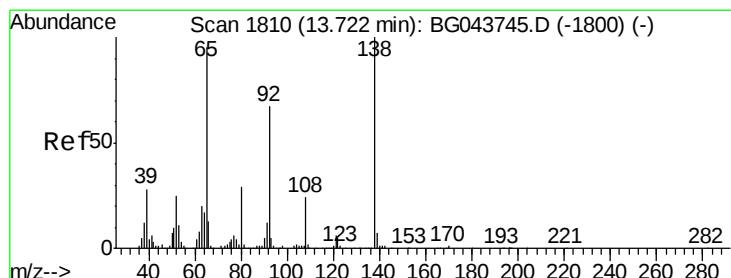
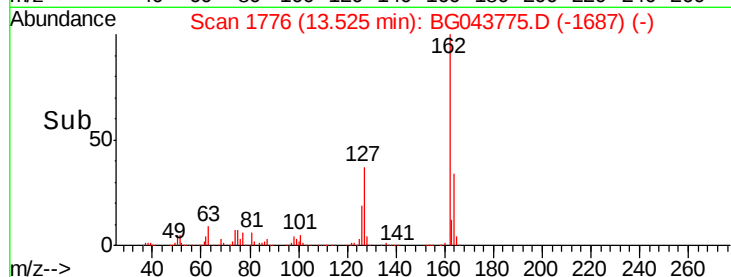
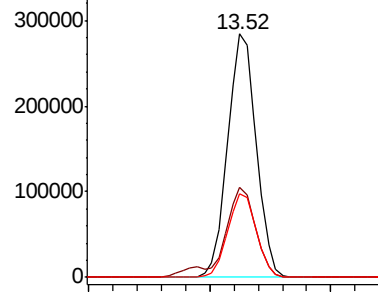
#47
2-Chloronaphthalene
Concen: 43.862 ng
RT: 13.52 min Scan# 1776
Delta R.T. -0.01 min
Lab File: BG043775.D
Acq: 25 Nov 2019 18:52

Instrument :
BNA_G
ClientSampleId :
PB125036BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.8	30.0	45.0
164	34.2	26.4	39.6

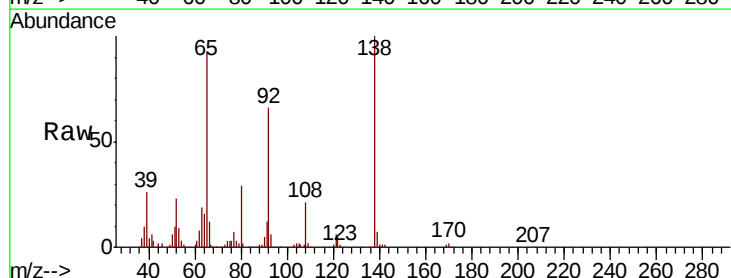


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

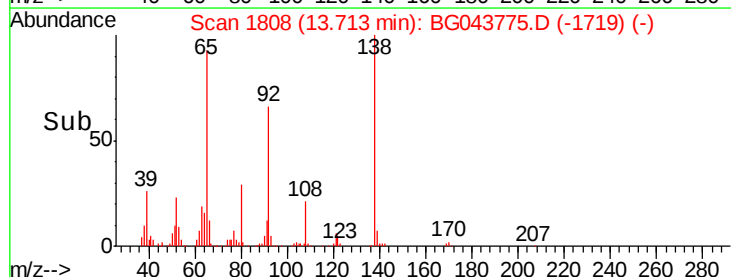
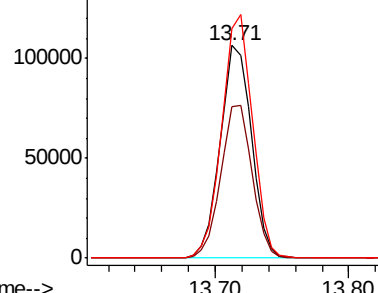


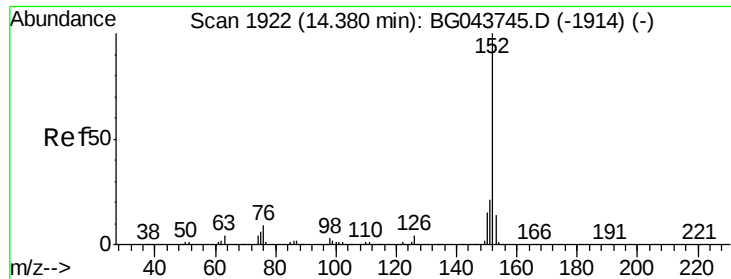
#48
2-Nitroaniline
Concen: 55.169 ng
RT: 13.71 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BG043775.D
Acq: 25 Nov 2019 18:52

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.5	56.1	84.1
138	108.0	84.2	126.4



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 51.008 ng

RT: 14.37 min Scan# 1920

Delta R.T. -0.01 min

Lab File: BG043775.D

Acq: 25 Nov 2019 18:52

Instrument :

BNA_G

ClientSampleId :

PB125036BS

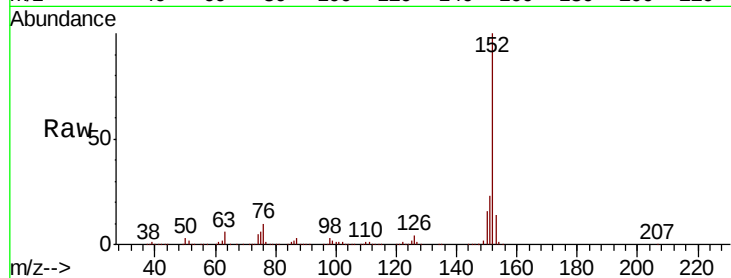
Tot Ion:152 Resp: 854662

Ion Ratio Lower Upper

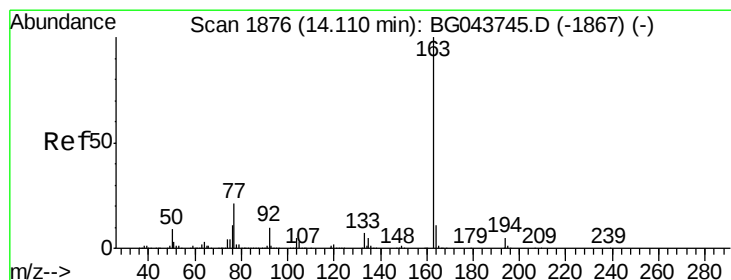
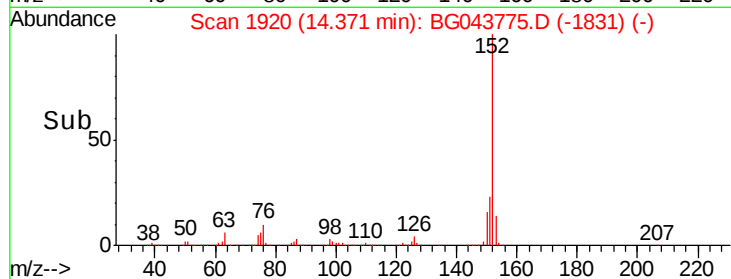
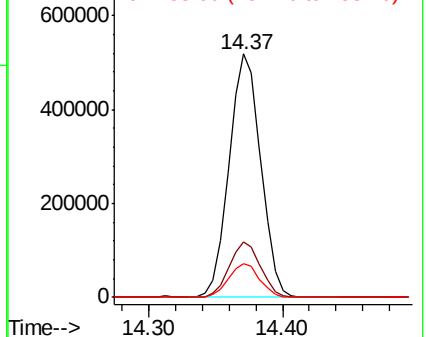
152 100

151 22.8 17.0 25.6

153 13.8 10.8 16.2



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: 50.994 ng

RT: 14.11 min Scan# 1875

Delta R.T. -0.00 min

Lab File: BG043775.D

Acq: 25 Nov 2019 18:52

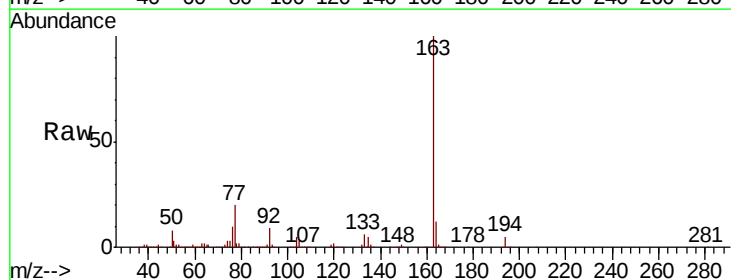
Tgt Ion:163 Resp: 761059

Ion Ratio Lower Upper

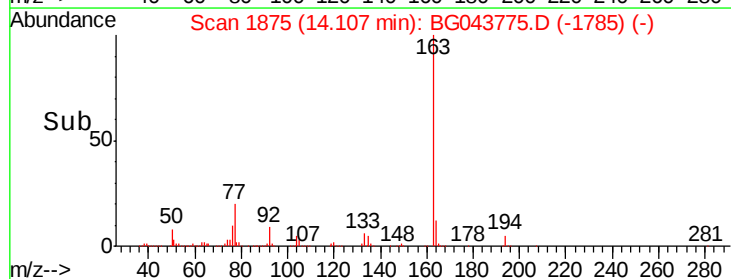
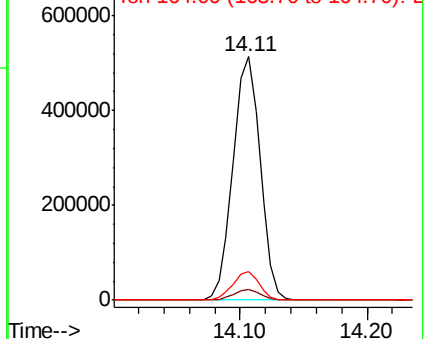
163 100

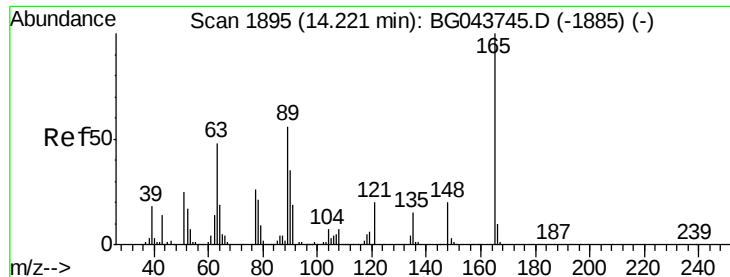
194 4.6 3.7 5.5

164 11.7 8.7 13.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

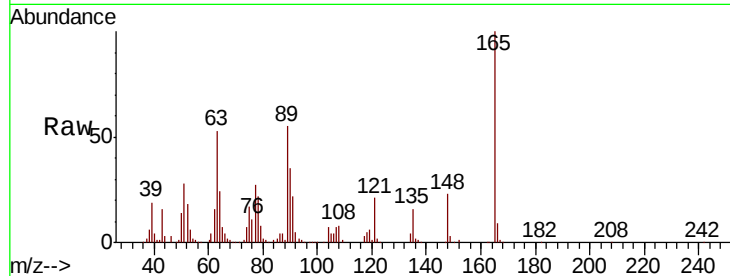




#51
2,6-Dinitrotoluene
Concen: 61.469 ng
RT: 14.21 min Scan# 1893
Delta R.T. -0.01 min
Lab File: BG043775.D
Acq: 25 Nov 2019 18:52

Instrument :
BNA_G
ClientSampleId :
PB125036BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	52.7	43.4	65.2
89	54.7	44.6	67.0

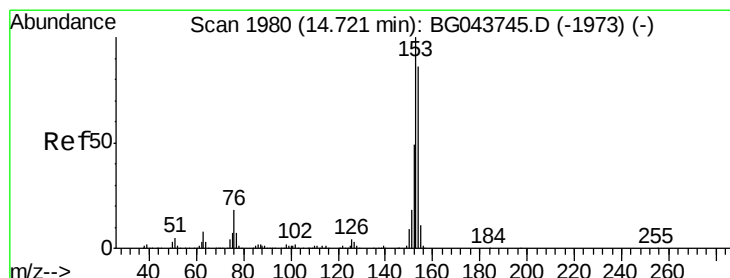
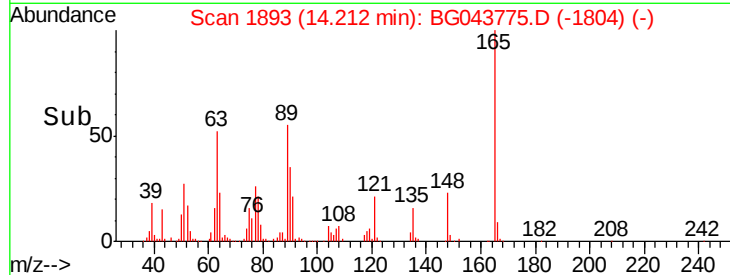
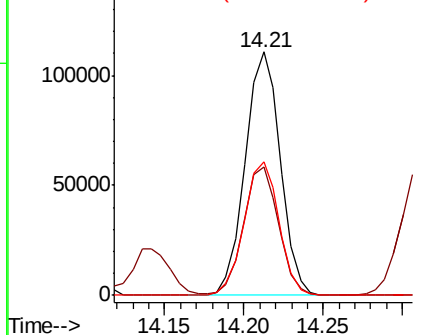


Abundance

Ion 165.00 (164.70 to 165.70): E

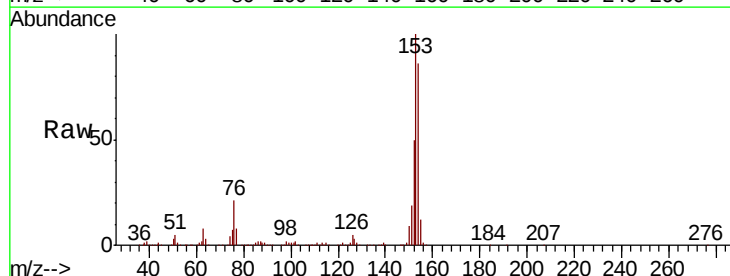
Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52
Acenaphthene
Concen: 51.496 ng
RT: 14.71 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BG043775.D
Acq: 25 Nov 2019 18:52

Tgt Ion	Ratio	Lower	Upper
154	100		
153	116.3	92.9	139.3
152	58.5	45.2	67.8

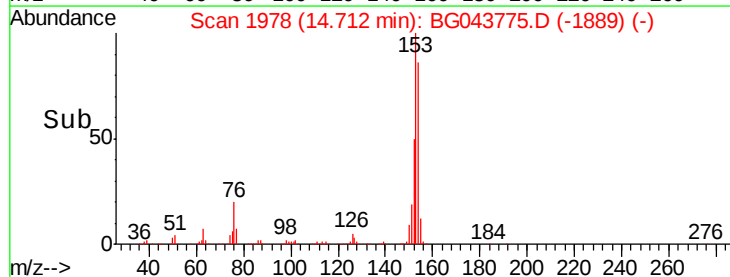
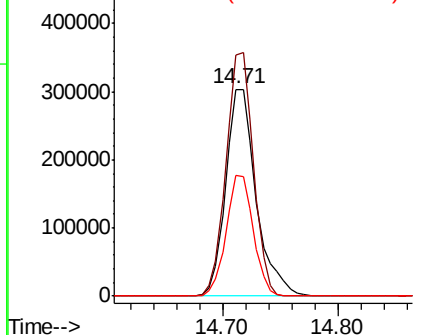


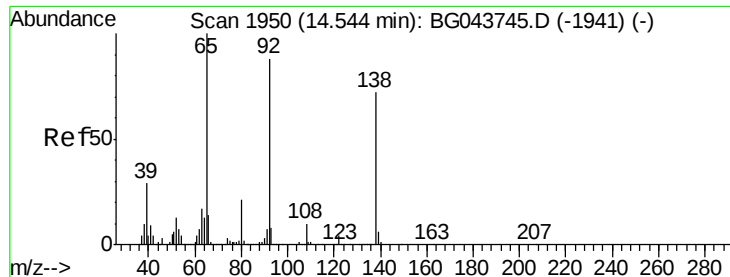
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

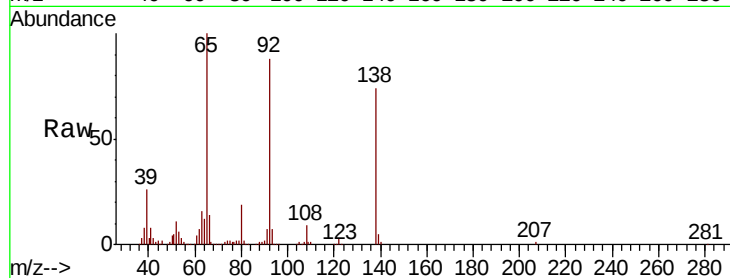




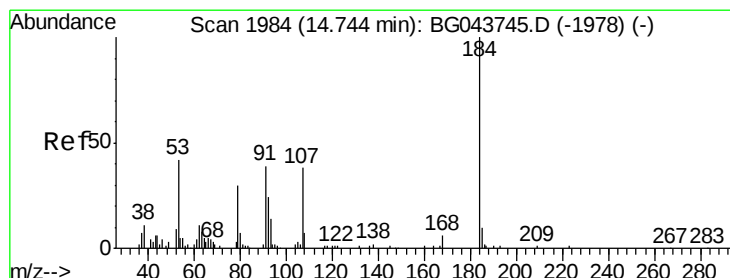
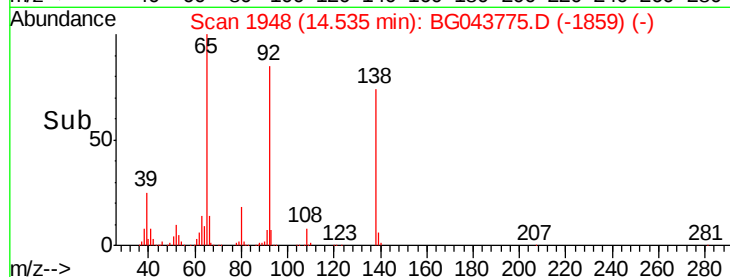
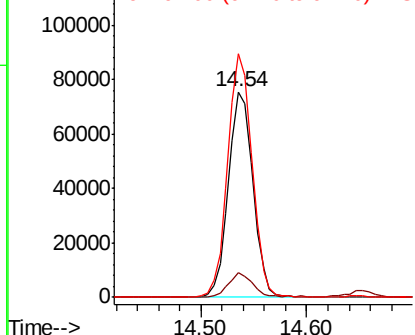
#53
3-Nitroaniline
Concen: 37.346 ng
RT: 14.54 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BG043775.D
Acq: 25 Nov 2019 18:52

Instrument :
BNA_G
ClientSampleId :
PB125036BS

Tot Ion:138 Resp: 120898
Ion Ratio Lower Upper
138 100
108 11.8 11.7 17.5
92 118.3 97.2 145.8

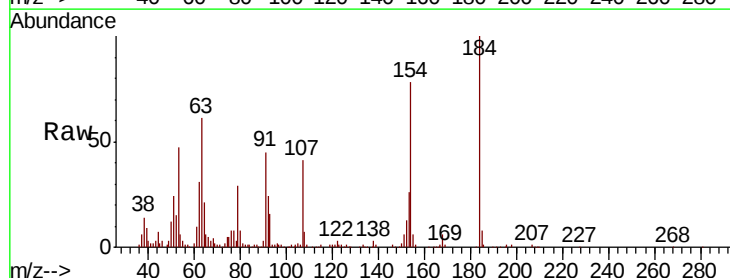


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): B

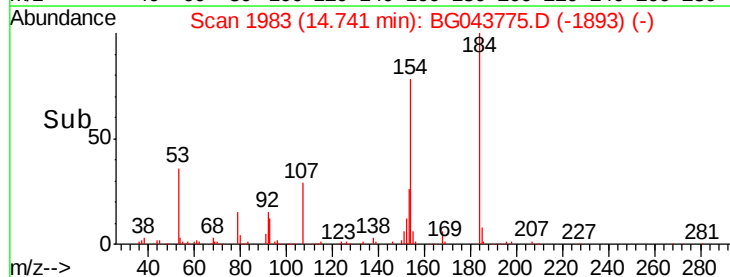
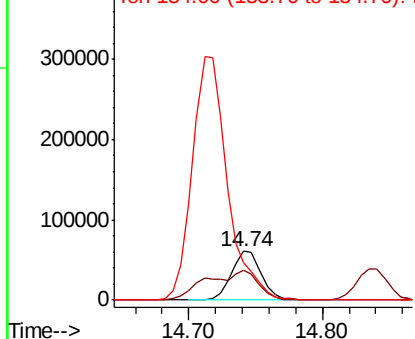


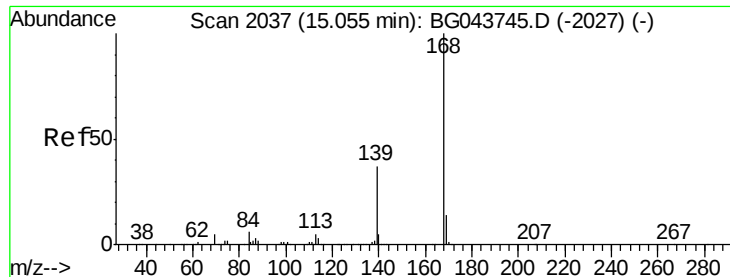
#54
2,4-Dinitrophenol
Concen: 84.386 ng
RT: 14.74 min Scan# 1983
Delta R.T. -0.00 min
Lab File: BG043775.D
Acq: 25 Nov 2019 18:52

Tgt Ion:184 Resp: 95556
Ion Ratio Lower Upper
184 100
63 60.9 52.4 78.6
154 78.5 92.8 139.2#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): B
Ion 154.00 (153.70 to 154.70): E

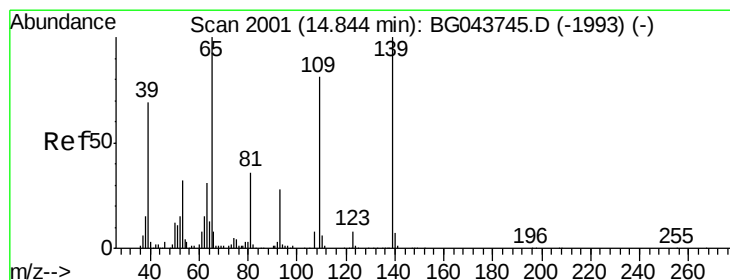
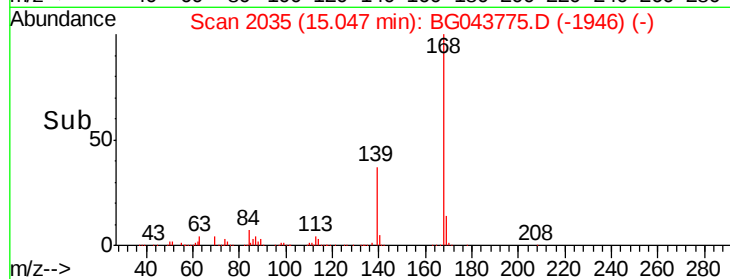
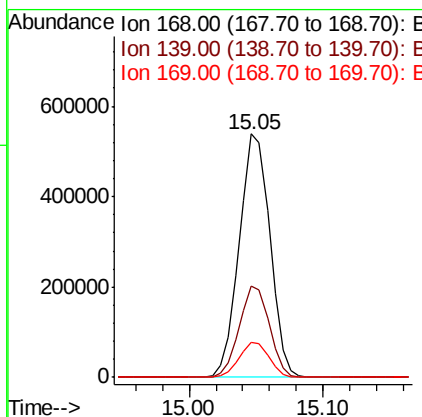
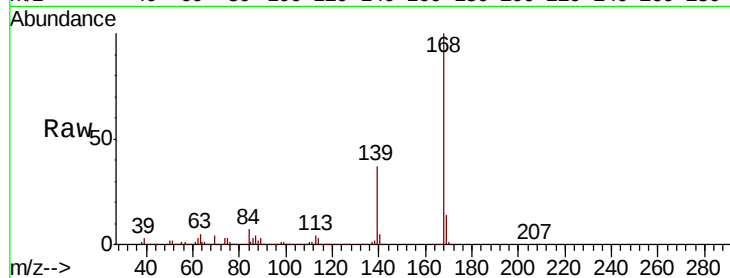




#55
Dibenzenofuran
Concen: 51.315 ng
RT: 15.05 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BG043775.D
Acq: 25 Nov 2019 18:52

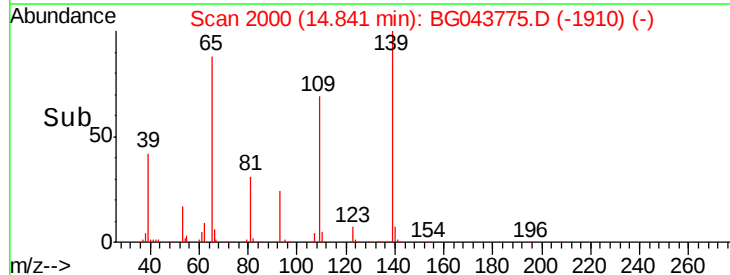
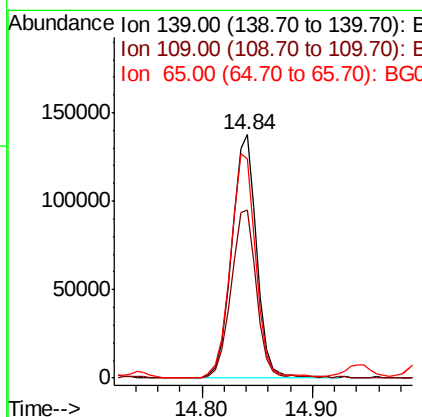
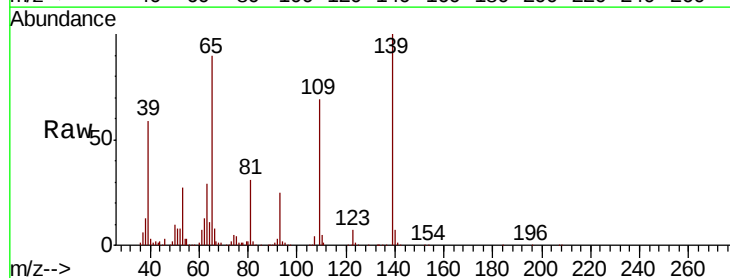
Instrument :
BNA_G
ClientSampleId :
PB125036BS

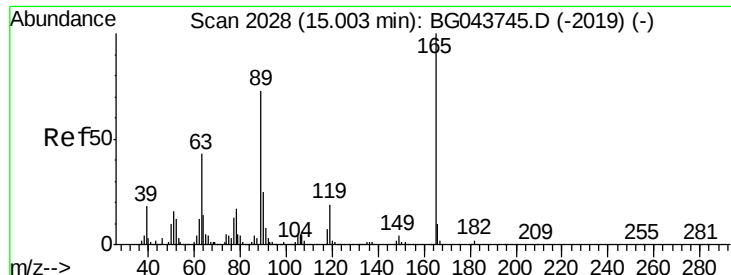
Tot Ion	Ratio	Lower	Upper
168	100		
139	37.3	29.4	44.2
169	14.5	11.3	16.9



#56
4-Nitrophenol
Concen: 79.520 ng
RT: 14.84 min Scan# 2000
Delta R.T. -0.00 min
Lab File: BG043775.D
Acq: 25 Nov 2019 18:52

Tgt Ion	Ratio	Lower	Upper
139	100		
109	69.1	61.4	101.4
65	90.3	80.3	120.3

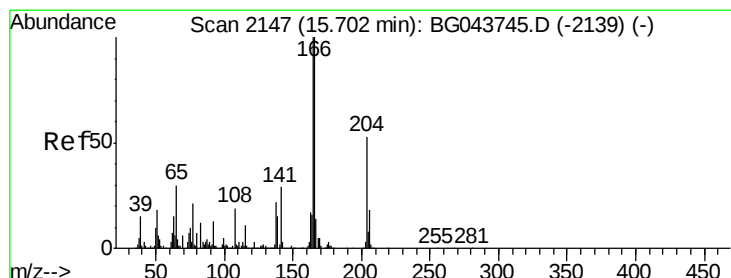
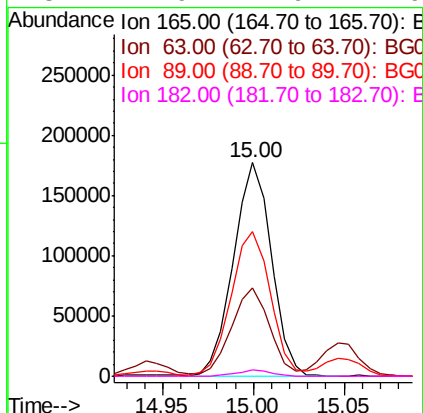
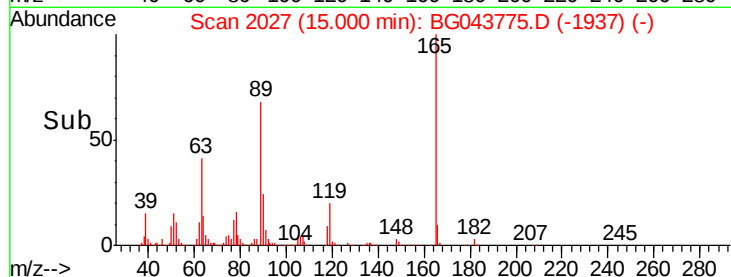
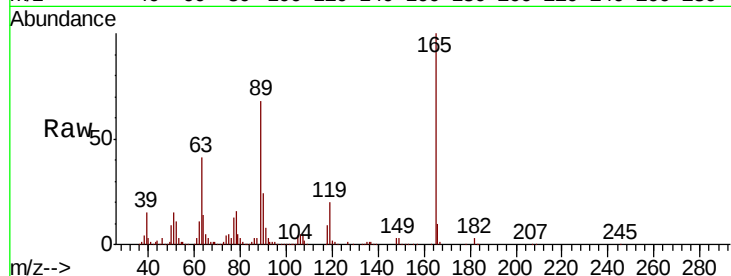




#57
2,4-Dinitrotoluene
Concen: 67.521 ng
RT: 15.00 min Scan# 2027
Delta R.T. -0.00 min
Lab File: BG043775.D
Acq: 25 Nov 2019 18:52

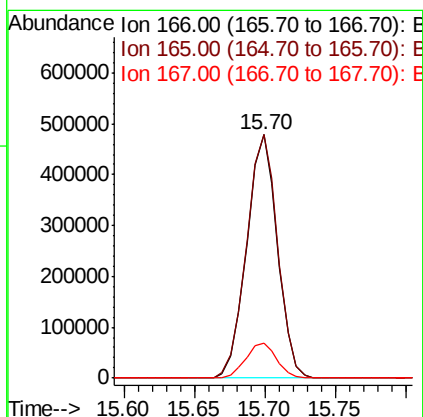
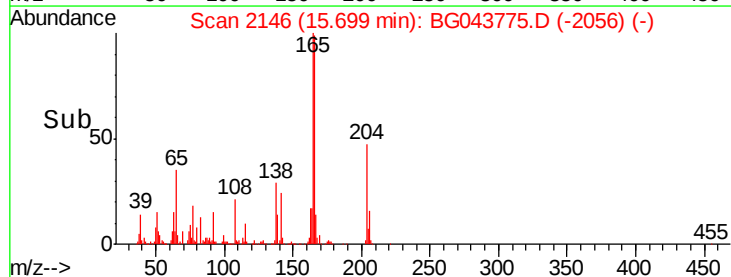
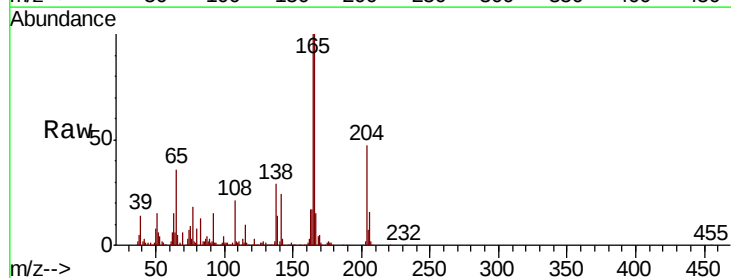
Instrument :
BNA_G
ClientSampleId :
PB125036BS

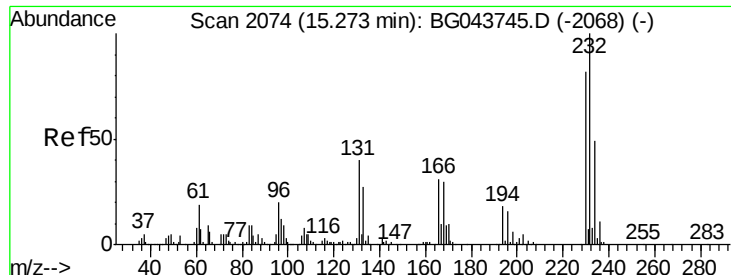
Tot Ion	Ratio	Lower	Upper
165	100		
63	41.5	34.6	51.8
89	67.8	58.3	87.5
182	2.9	1.9	2.9



#58
Fluorene
Concen: 53.324 ng
RT: 15.70 min Scan# 2146
Delta R.T. -0.00 min
Lab File: BG043775.D
Acq: 25 Nov 2019 18:52

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.0	79.9	119.9
167	14.5	11.4	17.0

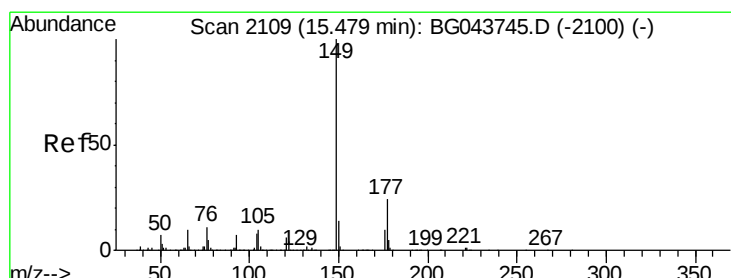
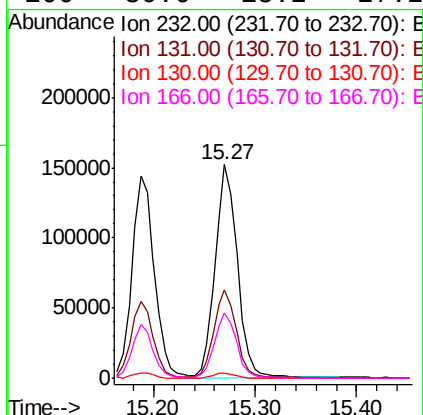
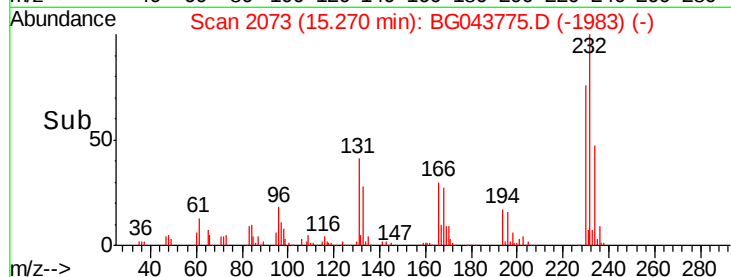
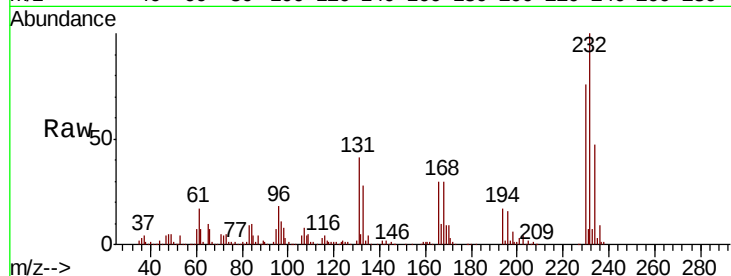




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 57.593 ng
 RT: 15.27 min Scan# 2073
 Delta R.T. -0.00 min
 Lab File: BG043775.D
 Acq: 25 Nov 2019 18:52

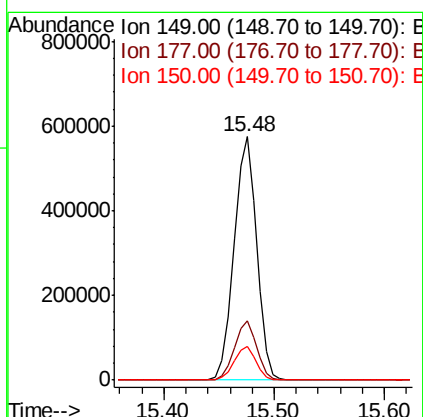
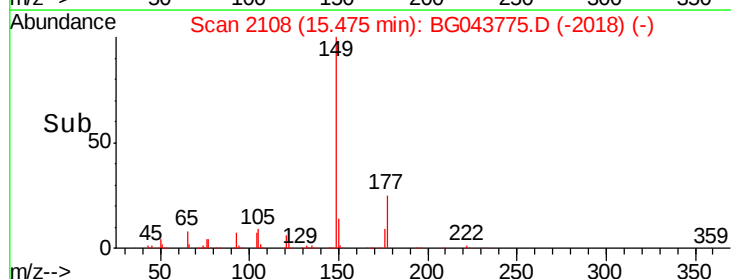
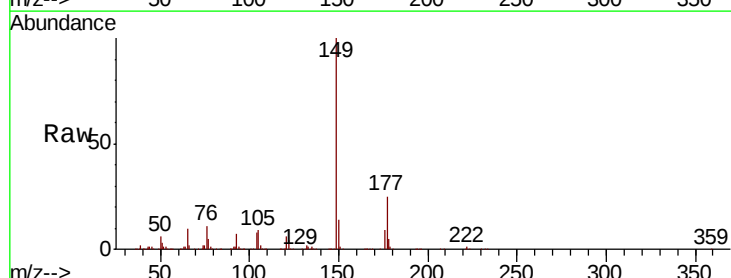
Instrument :
 BNA_G
 ClientSampleId :
 PB125036BS

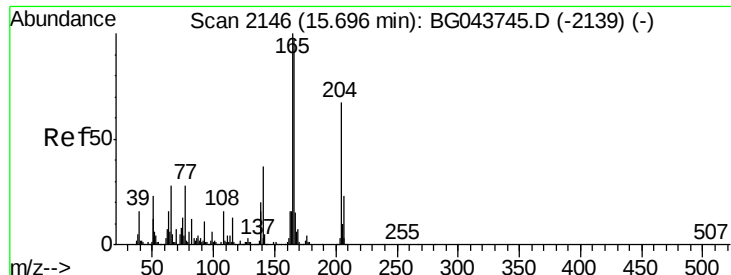
Tot Ion:232	Resp:	232021
Ion	Ratio	Lower Upper
232	100	
131	41.6	27.0 40.6#
130	2.5	1.6 2.4#
166	30.6	18.2 27.2#



#60
 Diethylphthalate
 Concen: 56.441 ng
 RT: 15.48 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: BG043775.D
 Acq: 25 Nov 2019 18:52

Tgt Ion:149	Resp:	824713
Ion	Ratio	Lower Upper
149	100	
177	24.6	19.3 28.9
150	13.7	11.1 16.7

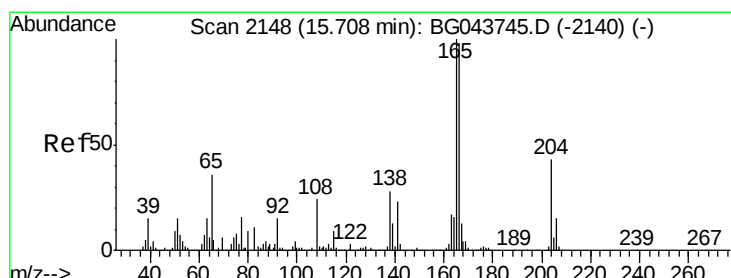
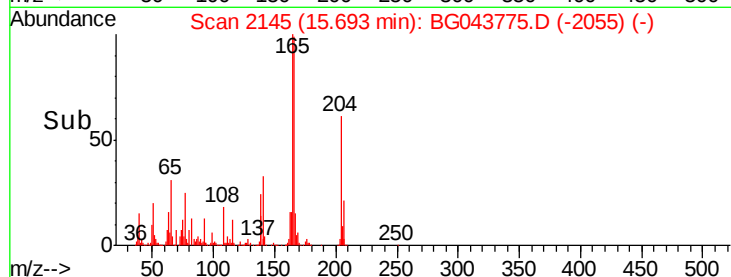
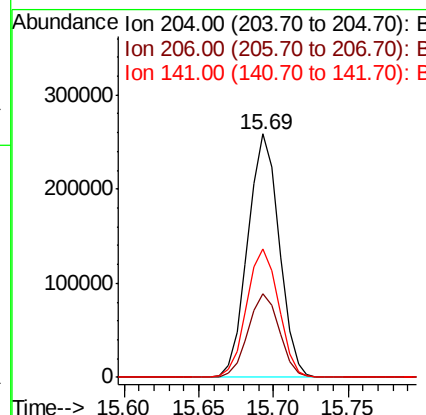
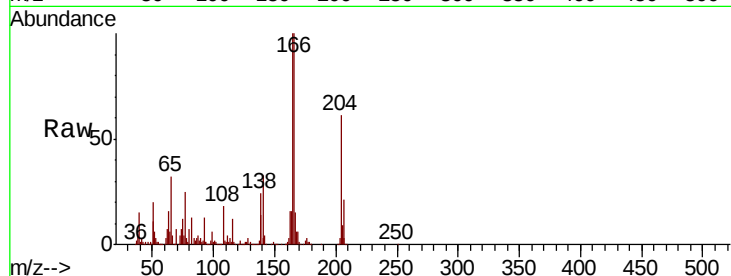




#61
4-Chlorophenyl-phenylether
Concen: 49.768 ng
RT: 15.69 min Scan# 2145
Delta R.T. -0.00 min
Lab File: BG043775.D
Acq: 25 Nov 2019 18:52

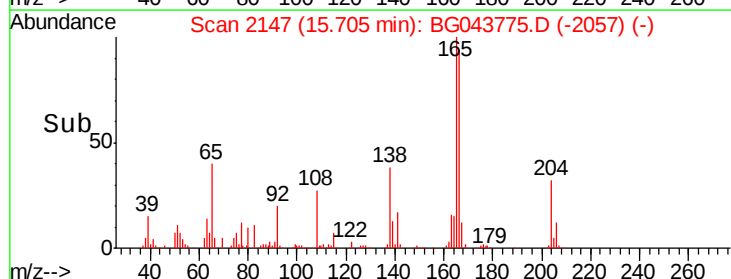
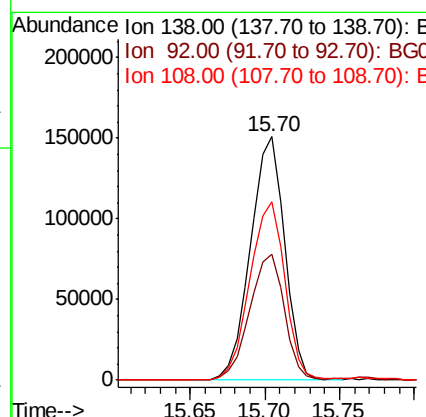
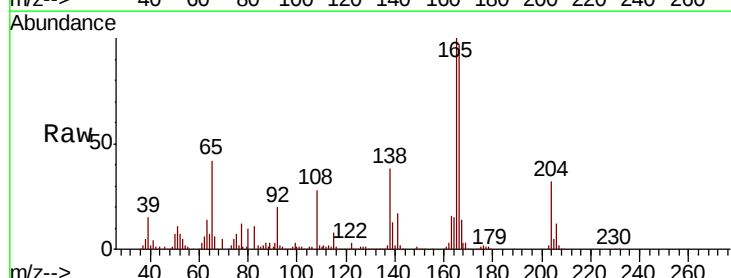
Instrument :
BNA_G
ClientSampleId :
PB125036BS

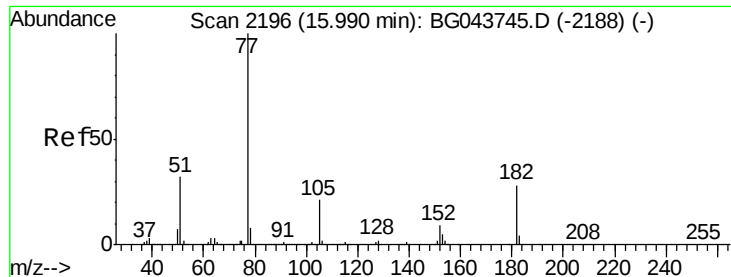
Tot Ion:204 Resp: 375110
Ion Ratio Lower Upper
204 100
206 34.5 27.4 41.0
141 53.0 44.3 66.5



#62
4-Nitroaniline
Concen: 64.195 ng
RT: 15.70 min Scan# 2147
Delta R.T. -0.00 min
Lab File: BG043775.D
Acq: 25 Nov 2019 18:52

Tgt Ion:138 Resp: 238299
Ion Ratio Lower Upper
138 100
92 51.6 34.6 74.6
108 73.1 65.7 105.7





#63

Azobenzene

Concen: 53.451 ng

RT: 15.99 min Scan# 2195

Delta R.T. -0.00 min

Lab File: BG043775.D

Acq: 25 Nov 2019 18:52

Instrument :

BNA_G

ClientSampleId :

PB125036BS

Tot Ion: 77 Resp: 750825

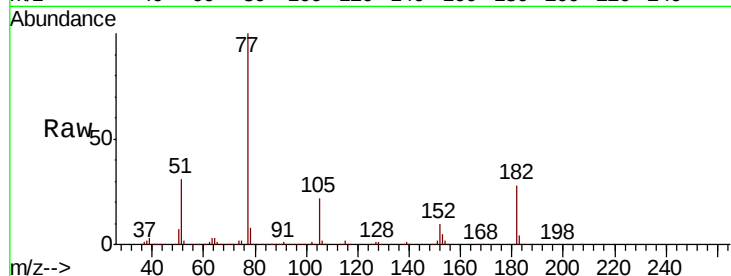
Ion Ratio Lower Upper

77 100

182 28.3 7.6 47.6

105 22.4 0.7 40.7

51 30.7 12.1 52.1

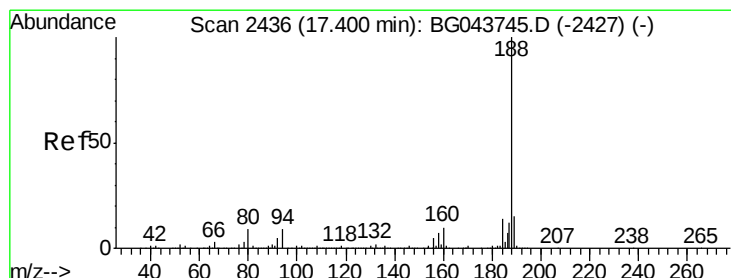
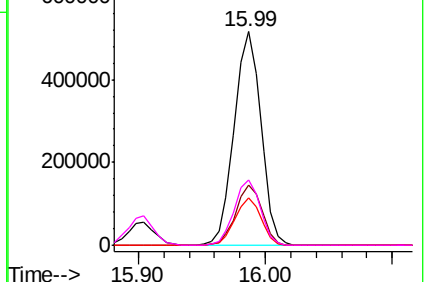
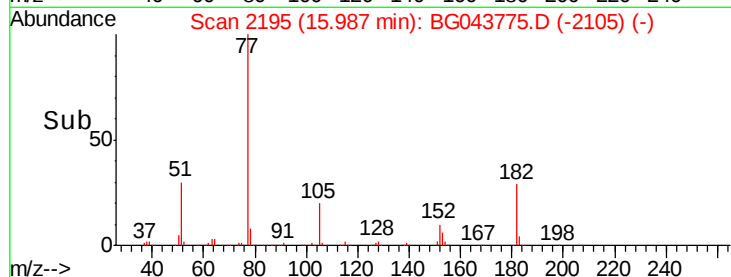


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.39 min Scan# 2434

Delta R.T. -0.01 min

Lab File: BG043775.D

Acq: 25 Nov 2019 18:52

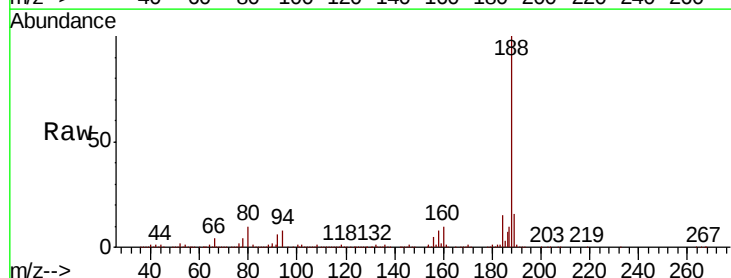
Tgt Ion: 188 Resp: 591373

Ion Ratio Lower Upper

188 100

94 8.4 6.9 10.3

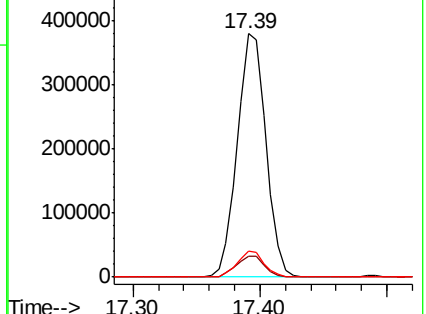
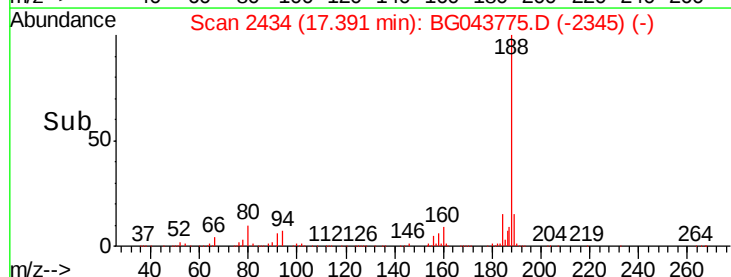
80 10.5 7.5 11.3

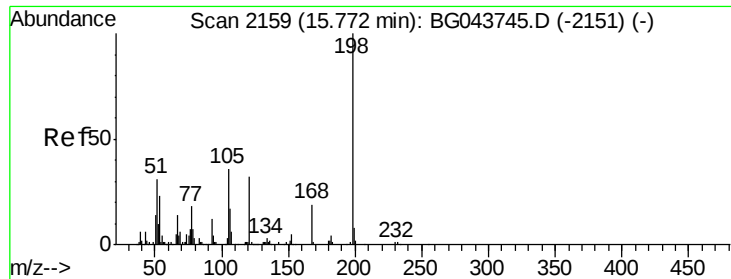


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 45.371 ng

RT: 15.76 min Scan# 2157

Delta R.T. -0.01 min

Lab File: BG043775.D

Acq: 25 Nov 2019 18:52

Instrument :

BNA_G

ClientSampleId :

PB125036BS

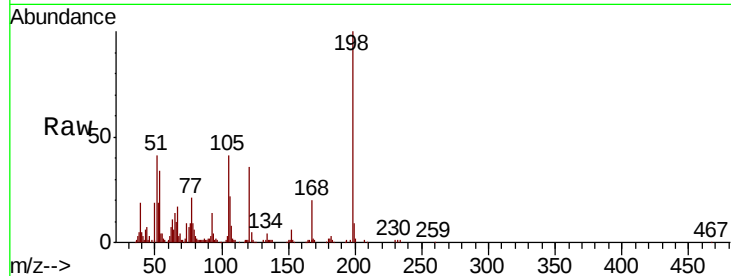
Tot Ion:198 Resp: 96872

Ion Ratio Lower Upper

198 100

51 40.9 16.8 56.8

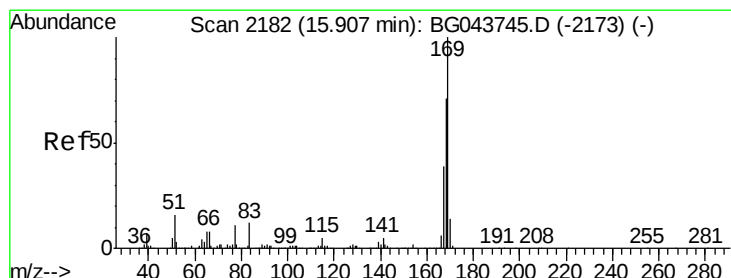
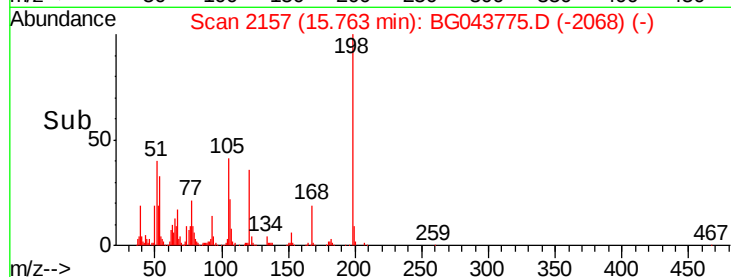
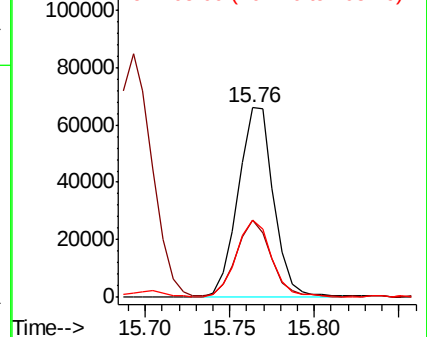
105 41.1 17.3 57.3



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 45.376 ng

RT: 15.90 min Scan# 2181

Delta R.T. -0.00 min

Lab File: BG043775.D

Acq: 25 Nov 2019 18:52

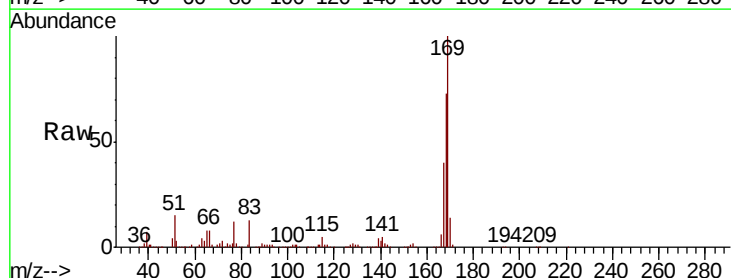
Tgt Ion:169 Resp: 710476

Ion Ratio Lower Upper

169 100

168 73.1 56.6 85.0

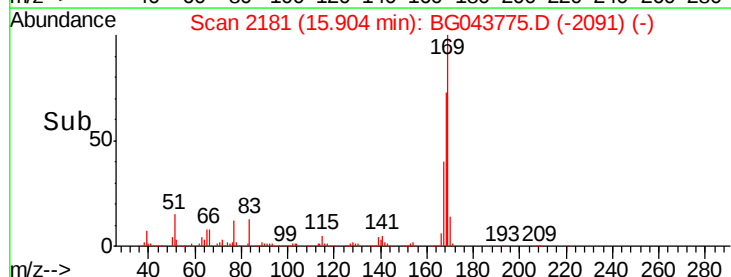
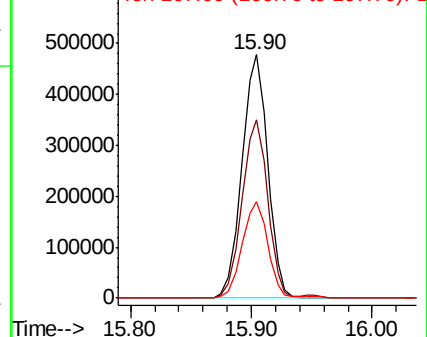
167 39.8 30.8 46.2

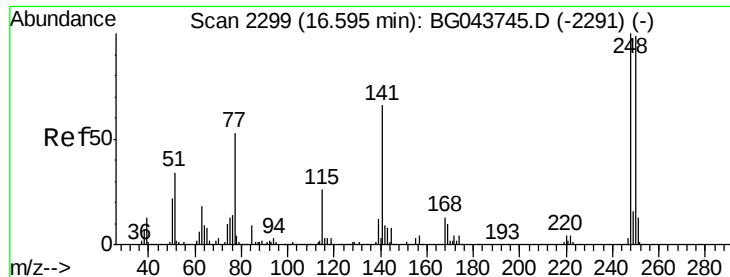


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

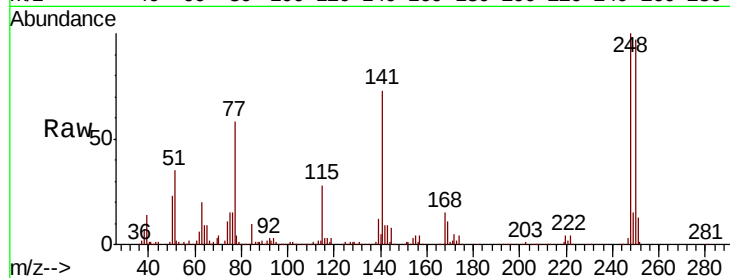




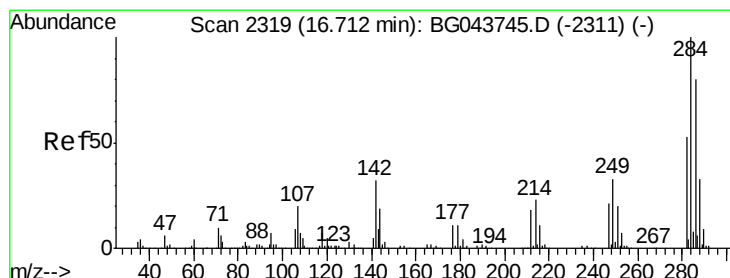
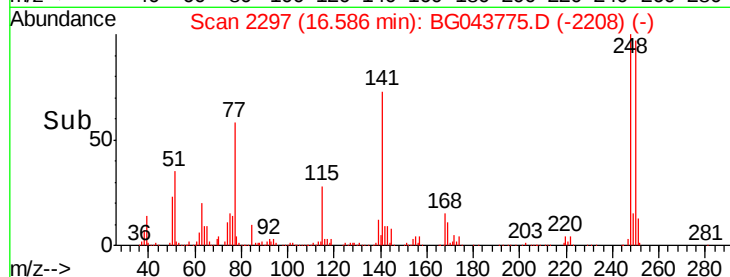
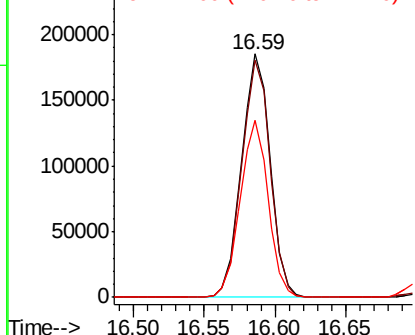
#67
4-Bromophenyl-phenylether
Concen: 42.250 ng
RT: 16.59 min Scan# 2297
Delta R.T. -0.01 min
Lab File: BG043775.D
Acq: 25 Nov 2019 18:52

Instrument :
BNA_G
ClientSampleId :
PB125036BS

Tot Ion:248 Resp: 263487
Ion Ratio Lower Upper
248 100
250 97.4 79.3 118.9
141 72.6 53.0 79.6

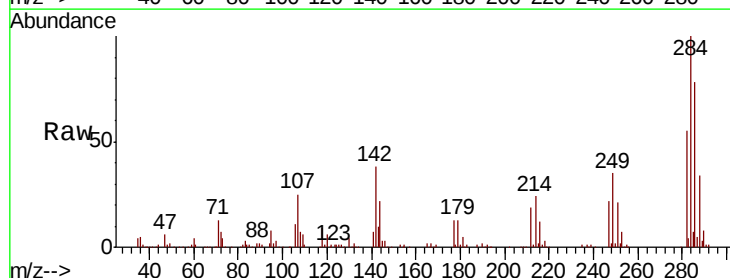


Abundance Ion 248.00 (247.70 to 248.70): E
250000 Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

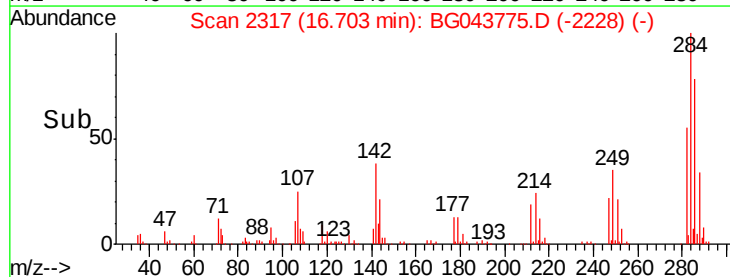
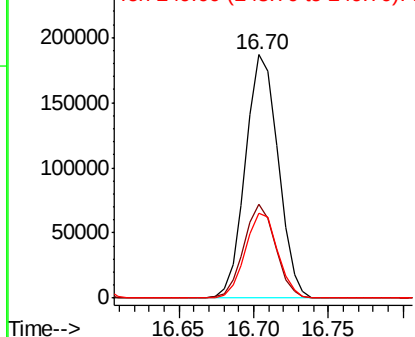


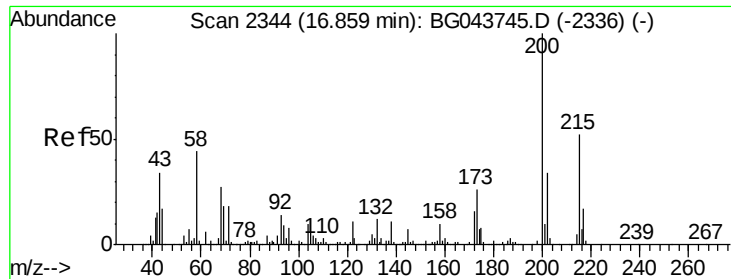
#68
Hexachlorobenzene
Concen: 41.520 ng
RT: 16.70 min Scan# 2317
Delta R.T. -0.01 min
Lab File: BG043775.D
Acq: 25 Nov 2019 18:52

Tgt Ion:284 Resp: 283074
Ion Ratio Lower Upper
284 100
142 38.4 25.4 38.0#
249 34.8 26.2 39.4



Abundance Ion 283.80 (283.50 to 284.50): E
250000 Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 54.137 ng

RT: 16.86 min Scan# 2343

Delta R.T. -0.00 min

Lab File: BG043775.D

Acq: 25 Nov 2019 18:52

Instrument :

BNA_G

ClientSampleId :

PB125036BS

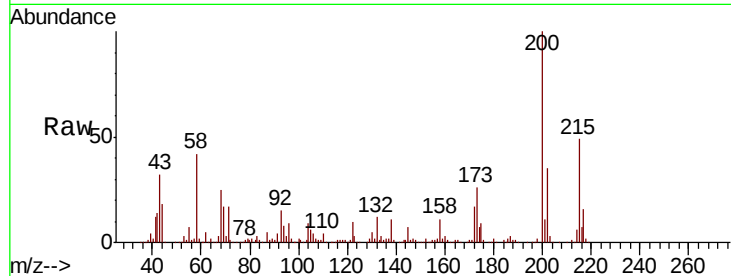
Tot Ion:200 Resp: 339716

Ion Ratio Lower Upper

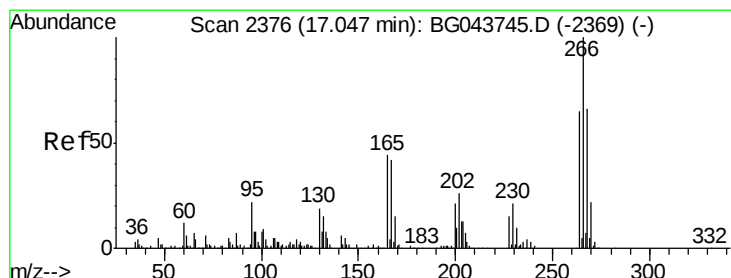
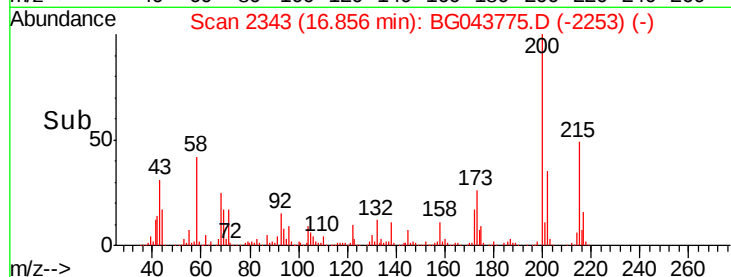
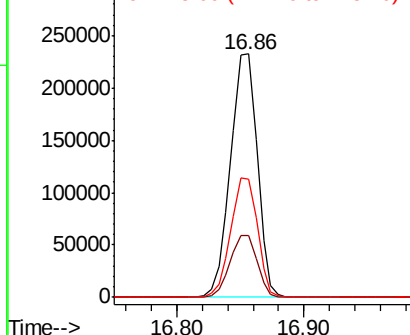
200 100

173 25.6 6.0 46.0

215 48.8 32.4 72.4



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: 101.335 ng

RT: 17.04 min Scan# 2375

Delta R.T. -0.00 min

Lab File: BG043775.D

Acq: 25 Nov 2019 18:52

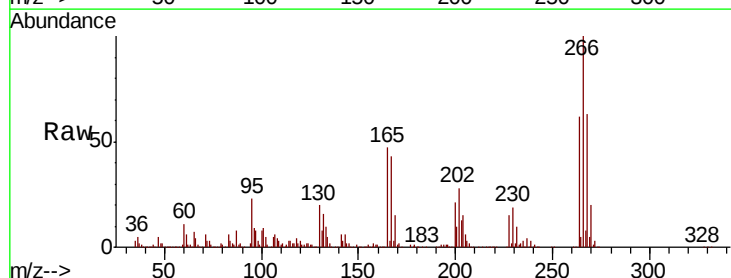
Tgt Ion:266 Resp: 421572

Ion Ratio Lower Upper

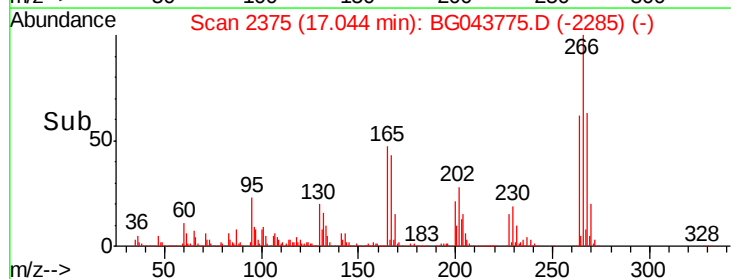
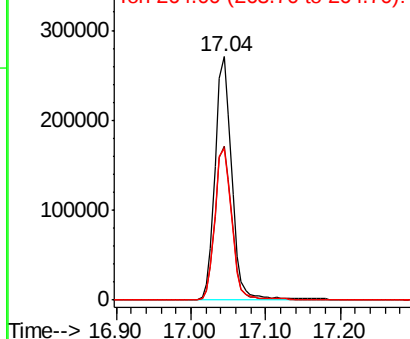
266 100

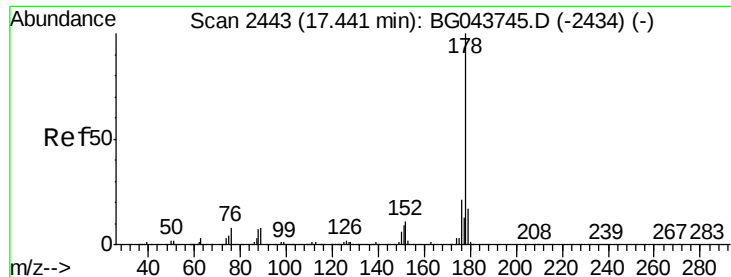
268 63.3 52.9 79.3

264 62.4 51.6 77.4



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

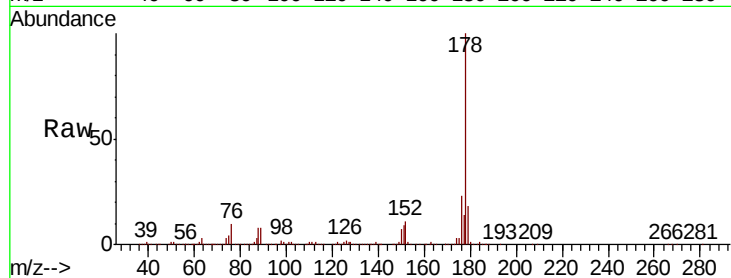




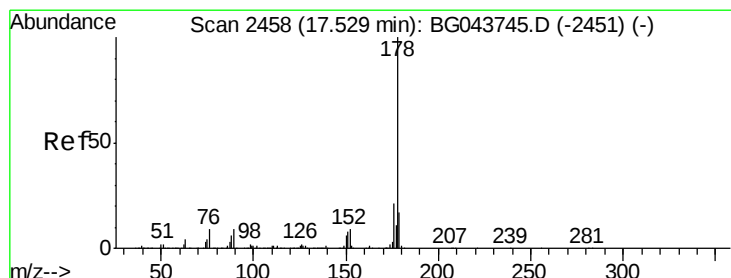
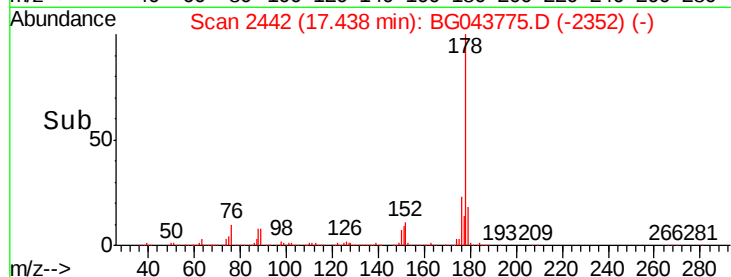
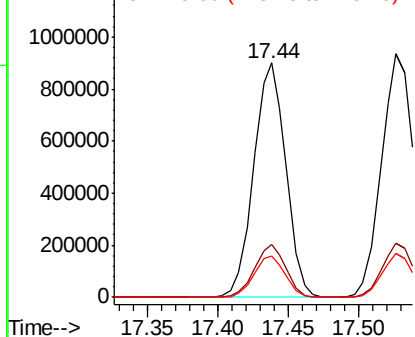
#71
Phenanthrene
Concen: 48.878 ng
RT: 17.44 min Scan# 2442
Delta R.T. -0.00 min
Lab File: BG043775.D
Acq: 25 Nov 2019 18:52

Instrument :
BNA_G
ClientSampleId :
PB125036BS

Tot Ion:178 Resp: 1430265
Ion Ratio Lower Upper
178 100
176 22.6 16.9 25.3
179 17.8 13.5 20.3

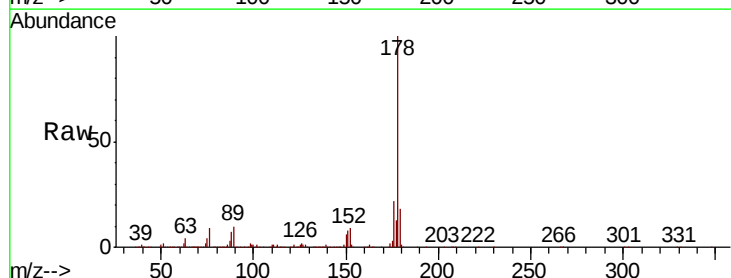


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

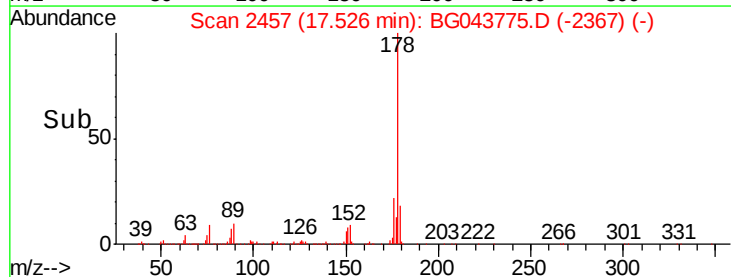
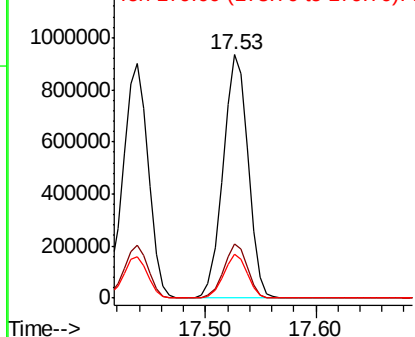


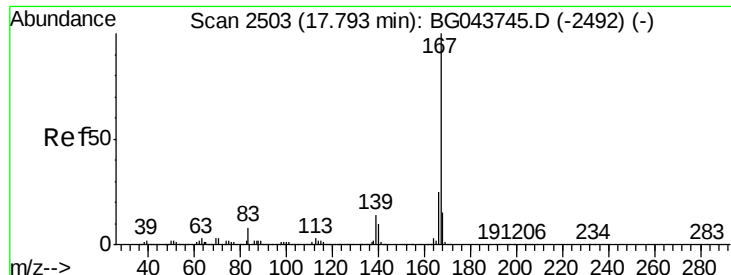
#72
Anthracene
Concen: 49.931 ng
RT: 17.53 min Scan# 2457
Delta R.T. -0.00 min
Lab File: BG043775.D
Acq: 25 Nov 2019 18:52

Tgt Ion:178 Resp: 1475907
Ion Ratio Lower Upper
178 100
176 22.4 16.5 24.7
179 18.2 13.4 20.2



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

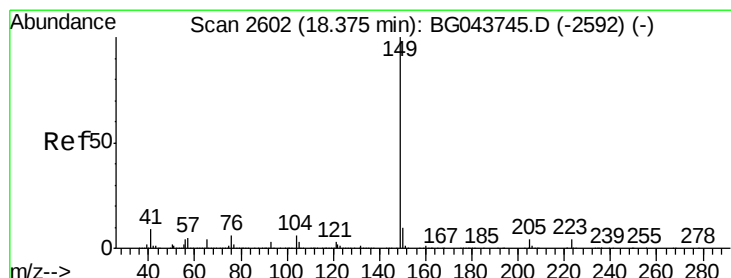
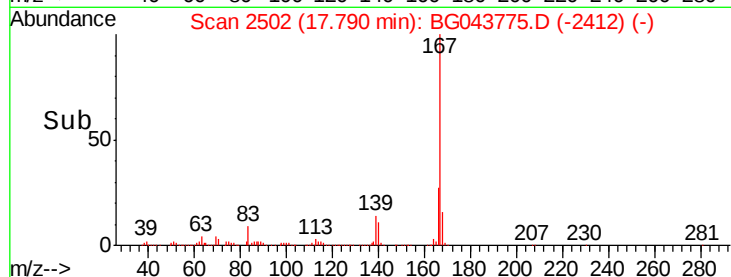
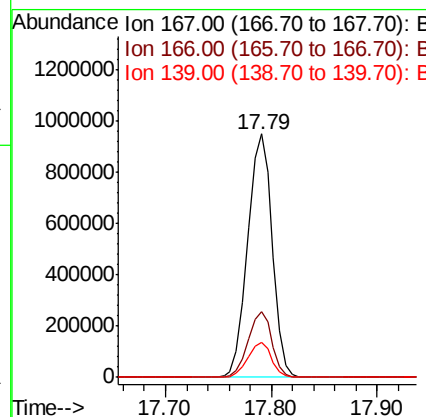
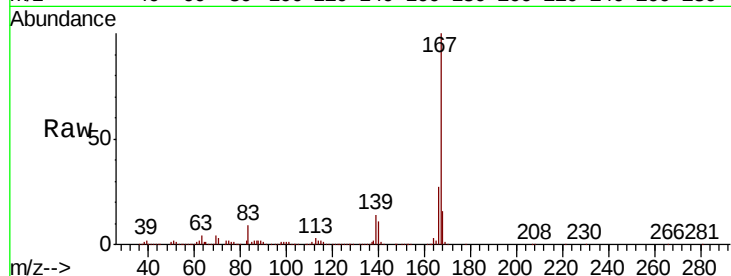




#73
 Carbazole
 Concen: 56.274 ng
 RT: 17.79 min Scan# 2502
 Delta R.T. -0.00 min
 Lab File: BG043775.D
 Acq: 25 Nov 2019 18:52

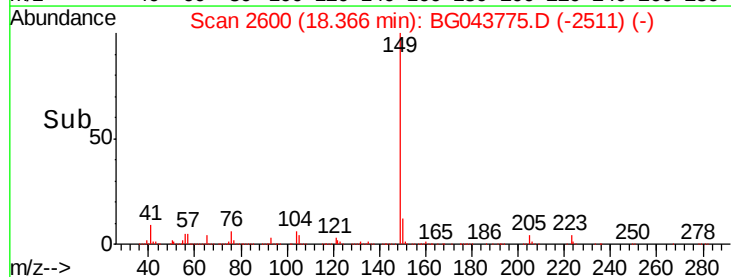
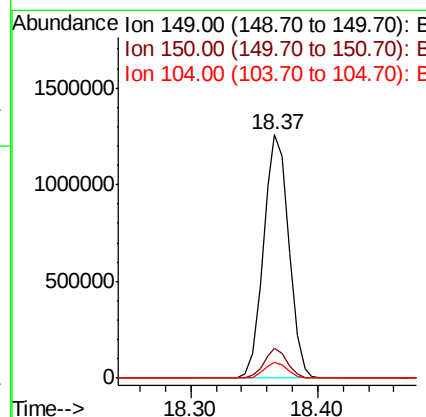
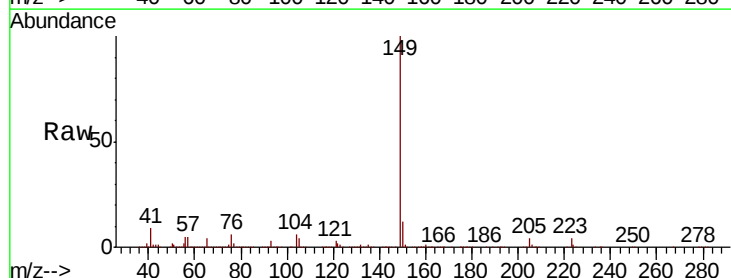
Instrument :
 BNA_G
 ClientSampleId :
 PB125036BS

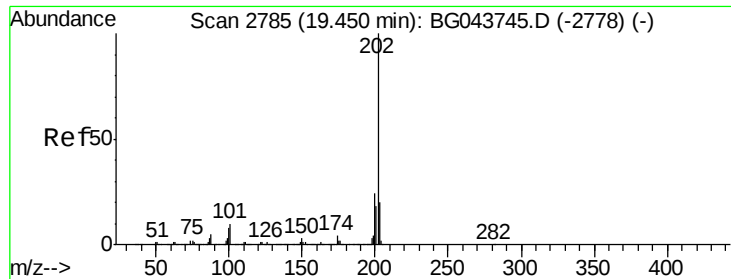
Tot Ion:167 Resp: 1531485
 Ion Ratio Lower Upper
 167 100
 166 26.9 19.8 29.6
 139 14.2 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 46.672 ng
 RT: 18.37 min Scan# 2600
 Delta R.T. -0.01 min
 Lab File: BG043775.D
 Acq: 25 Nov 2019 18:52

Tgt Ion:149 Resp: 1749386
 Ion Ratio Lower Upper
 149 100
 150 12.3 8.4 12.6
 104 6.3 4.6 7.0





#75

Fluoranthene

Concen: 49.382 ng

RT: 19.44 min Scan# 2783

Delta R.T. -0.01 min

Lab File: BG043775.D

Acq: 25 Nov 2019 18:52

Instrument :

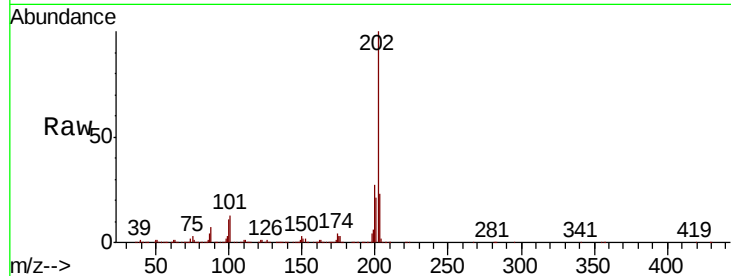
BNA_G

ClientSampleId :

PB125036BS

Tot Ion:202 Resp: 2072766

Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	30.1
203	23.5	0.0	39.7

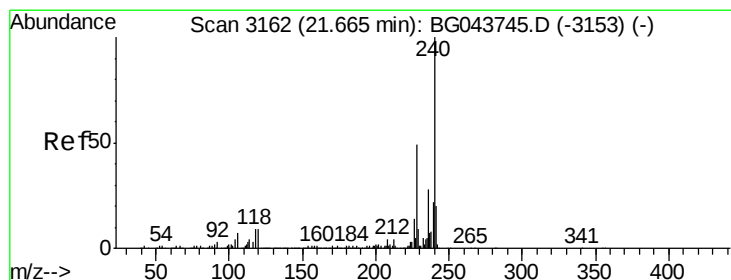
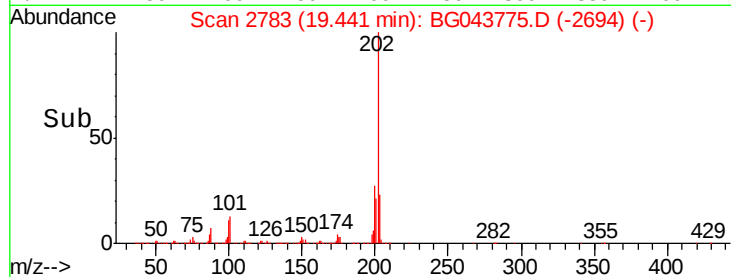
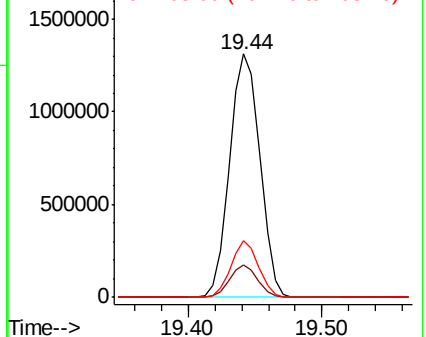


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3160

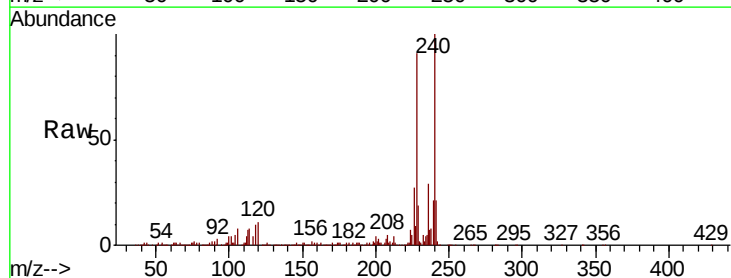
Delta R.T. -0.01 min

Lab File: BG043775.D

Acq: 25 Nov 2019 18:52

Tgt Ion:240 Resp: 781412

Ion	Ratio	Lower	Upper
240	100		
120	10.9	7.5	11.3
236	29.3	22.6	34.0

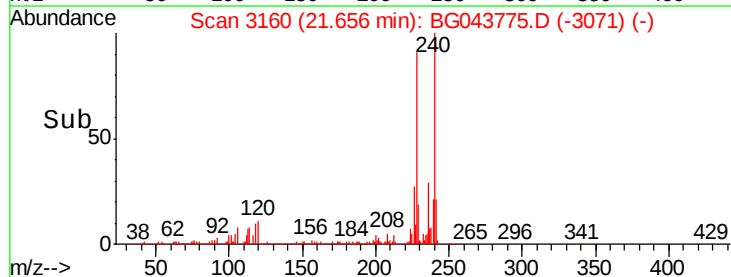
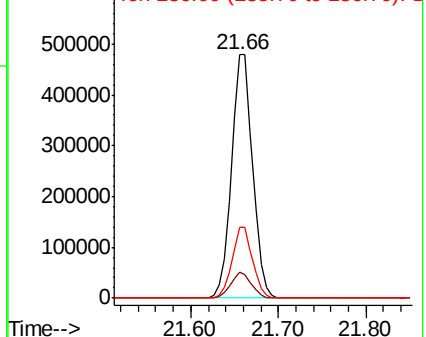


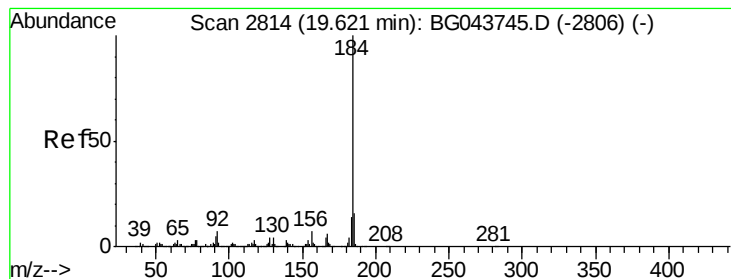
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 7.207 ng

RT: 19.61 min Scan# 2812

Delta R.T. -0.01 min

Lab File: BG043775.D

Acq: 25 Nov 2019 18:52

Instrument :

BNA_G

ClientSampleId :

PB125036BS

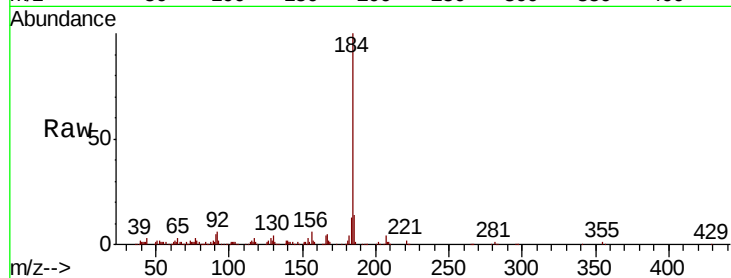
Tot Ion:184 Resp: 164509

Ion Ratio Lower Upper

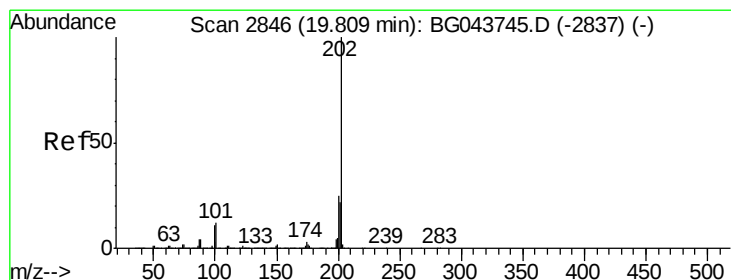
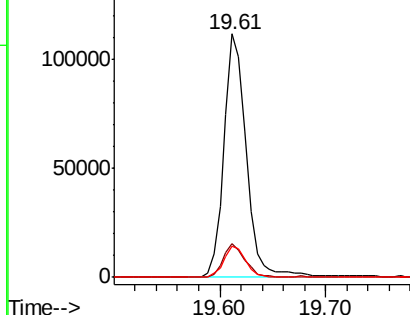
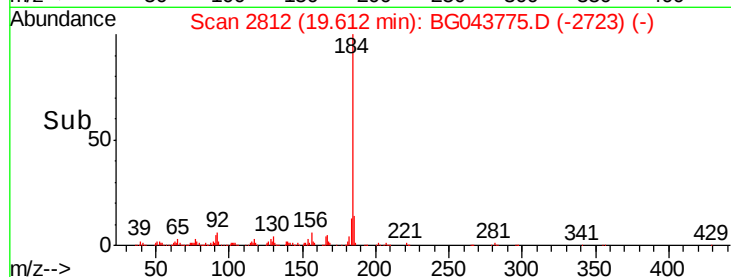
184 100

185 14.1 12.8 19.2

183 12.7 11.3 16.9



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: 42.758 ng

RT: 19.80 min Scan# 2844

Delta R.T. -0.01 min

Lab File: BG043775.D

Acq: 25 Nov 2019 18:52

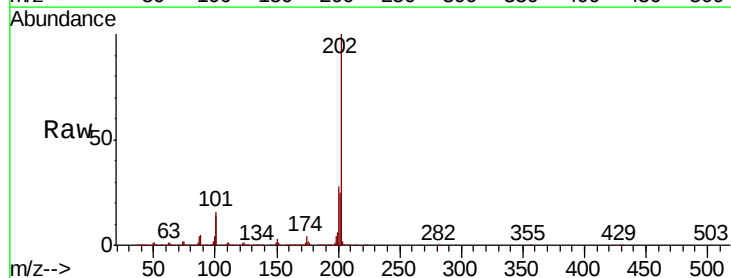
Tgt Ion:202 Resp: 2156336

Ion Ratio Lower Upper

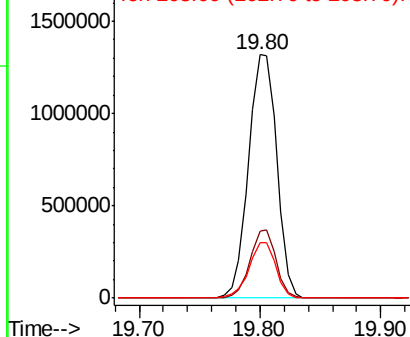
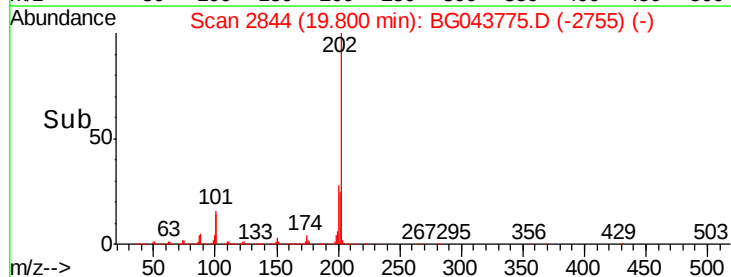
202 100

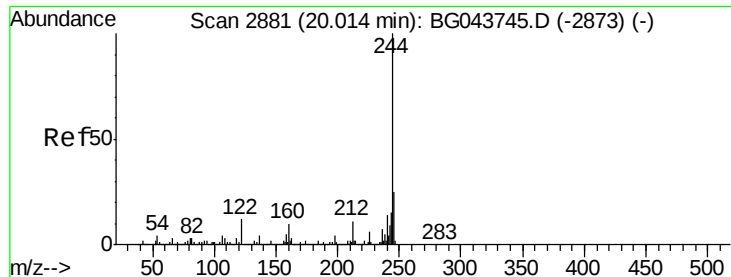
200 27.8 19.8 29.6

203 23.0 16.6 24.8



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: 80.062 ng

RT: 20.01 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG043775.D

Acq: 25 Nov 2019 18:52

Instrument :

BNA_G

ClientSampleId :

PB125036BS

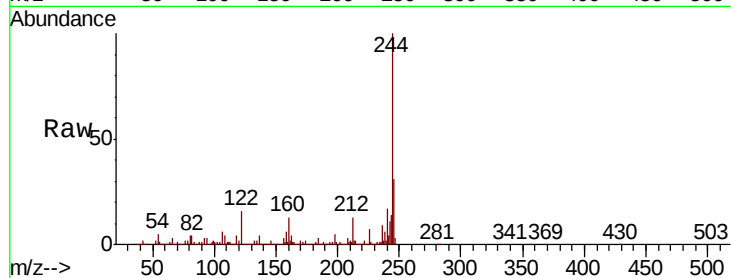
Tot Ion:244 Resp: 2768663

Ion Ratio Lower Upper

244 100

212 12.8 8.5 12.7#

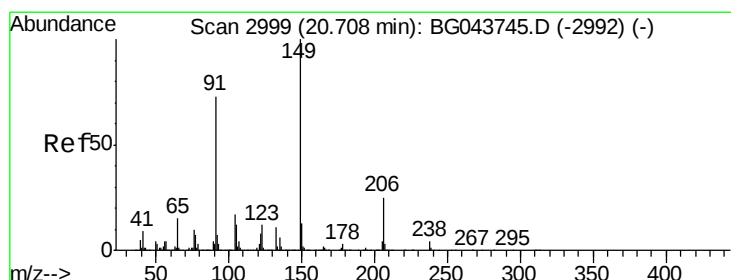
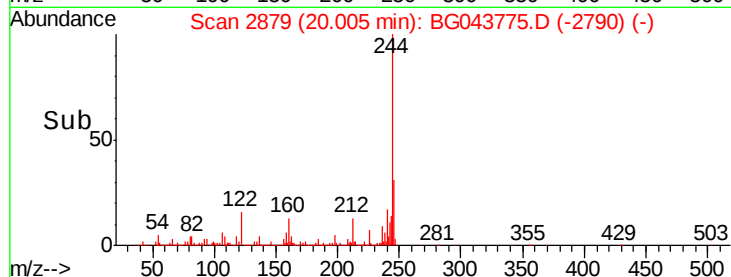
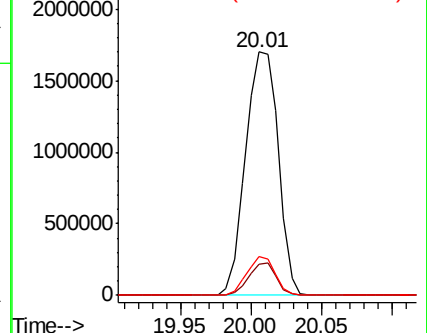
122 15.9 9.5 14.3#



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: 48.873 ng

RT: 20.70 min Scan# 2997

Delta R.T. -0.01 min

Lab File: BG043775.D

Acq: 25 Nov 2019 18:52

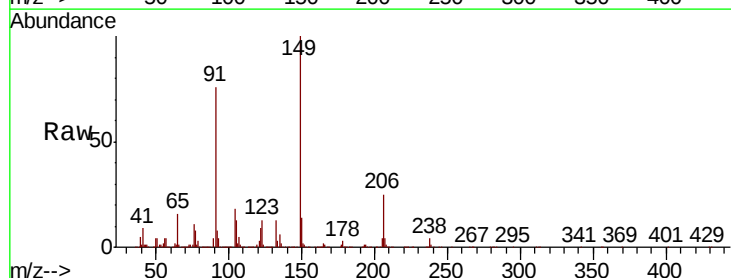
Tgt Ion:149 Resp: 1122785

Ion Ratio Lower Upper

149 100

91 76.1 58.8 88.2

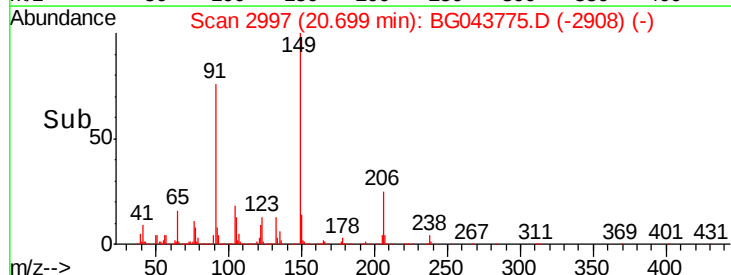
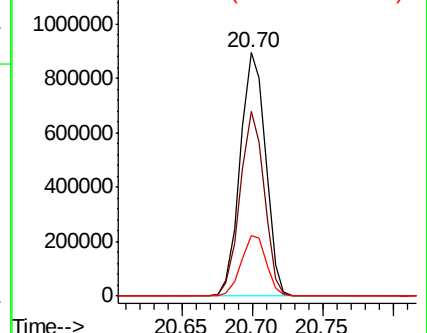
206 25.1 19.8 29.6

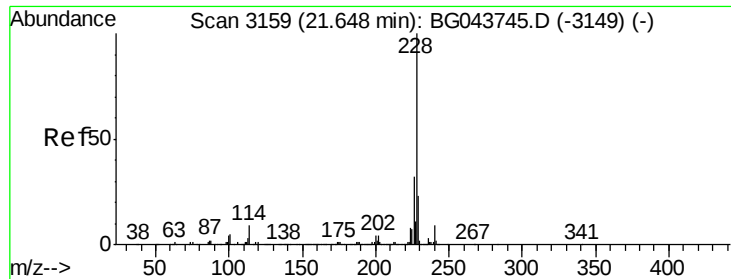


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 45.953 ng

RT: 21.64 min Scan# 3157

Delta R.T. -0.01 min

Lab File: BG043775.D

Acq: 25 Nov 2019 18:52

Instrument :

BNA_G

ClientSampleId :

PB125036BS

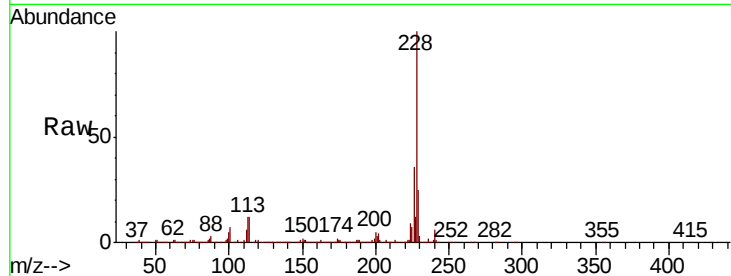
Tot Ion:228 Resp: 2400572

Ion Ratio Lower Upper

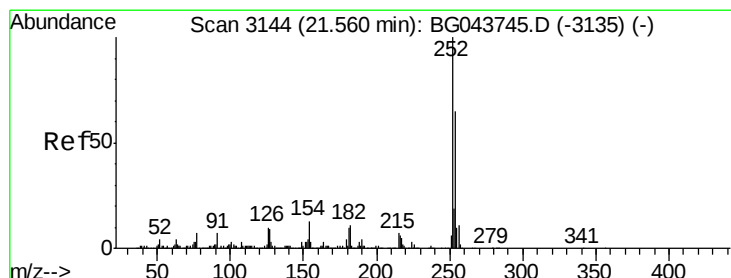
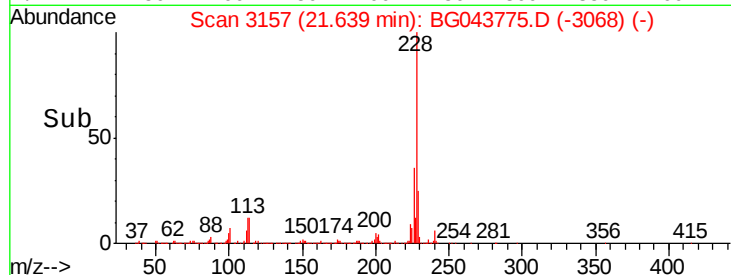
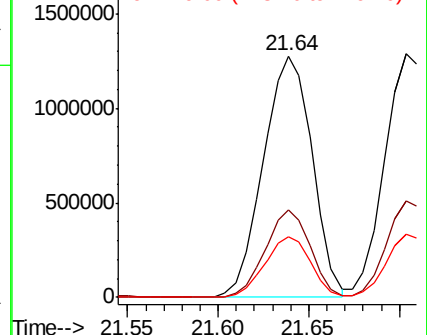
228 100

226 36.0 25.4 38.2

229 25.4 18.1 27.1



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 27.546 ng

RT: 21.55 min Scan# 3142

Delta R.T. -0.01 min

Lab File: BG043775.D

Acq: 25 Nov 2019 18:52

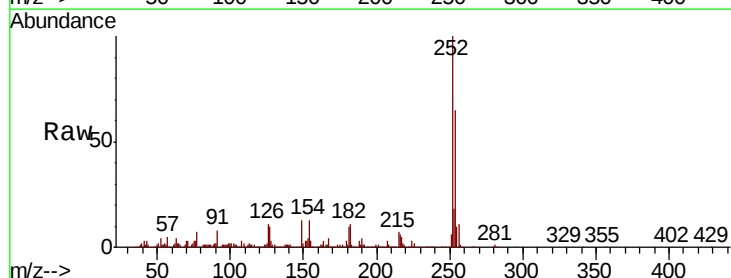
Tgt Ion:252 Resp: 539624

Ion Ratio Lower Upper

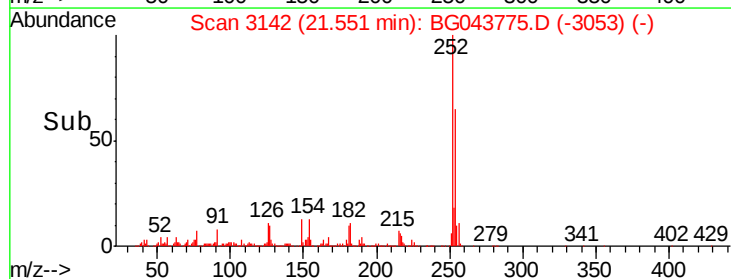
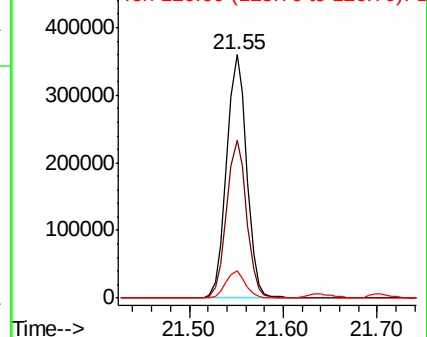
252 100

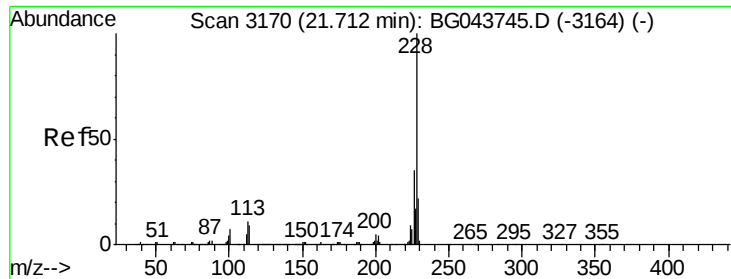
254 64.8 52.1 78.1

126 11.1 7.8 11.6



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: 45.874 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.01 min

Lab File: BG043775.D

Acq: 25 Nov 2019 18:52

Instrument :

BNA_G

ClientSampleId :

PB125036BS

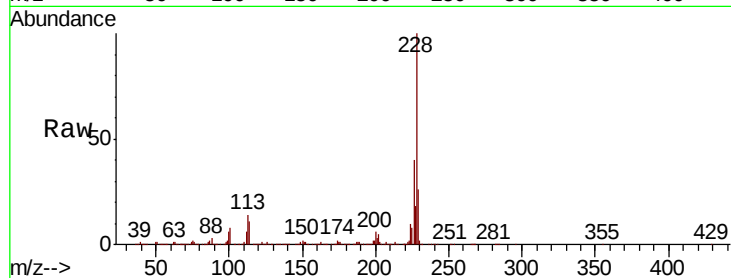
Tot Ion:228 Resp: 2267660

Ion Ratio Lower Upper

228 100

226 39.5 27.8 41.8

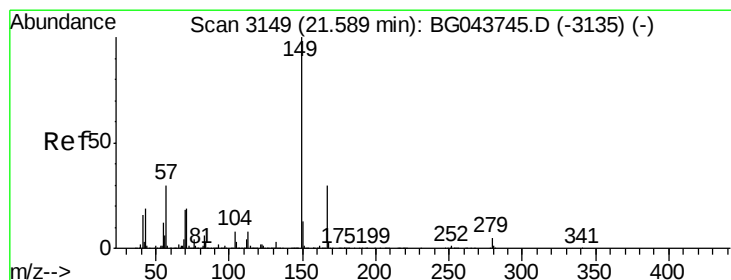
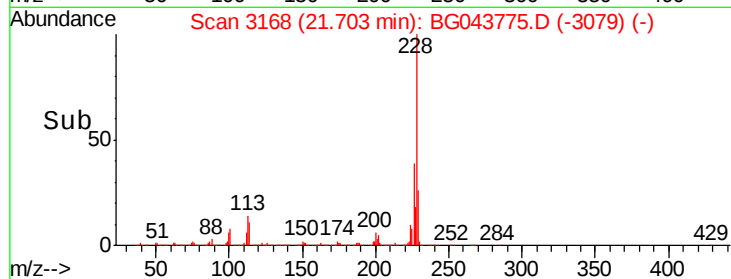
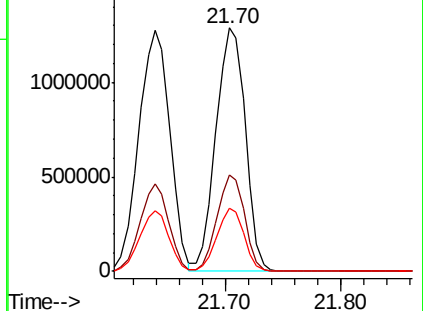
229 26.0 17.9 26.9



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: 49.273 ng

RT: 21.57 min Scan# 3146

Delta R.T. -0.01 min

Lab File: BG043775.D

Acq: 25 Nov 2019 18:52

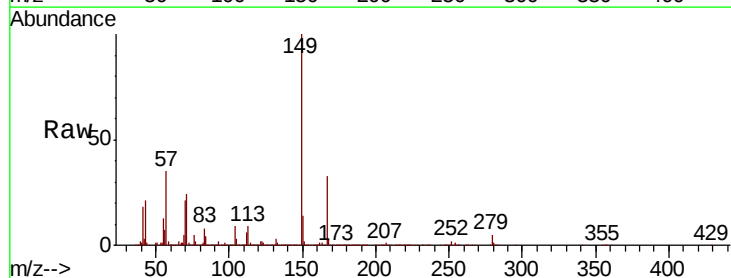
Tgt Ion:149 Resp: 1592724

Ion Ratio Lower Upper

149 100

167 33.2 23.8 35.6

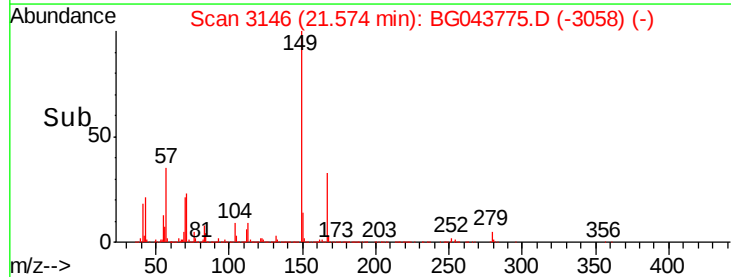
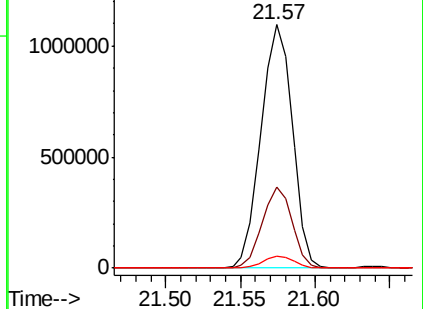
279 4.9 4.0 6.0

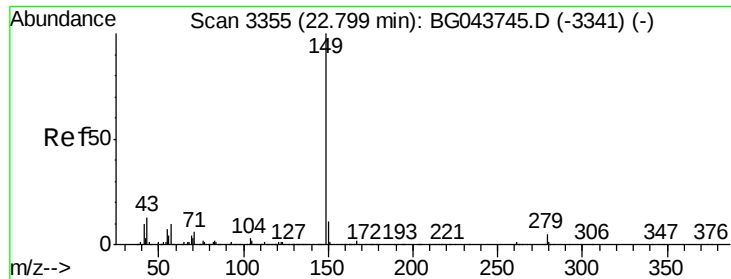


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 44.801 ng

RT: 22.78 min Scan# 3352

Delta R.T. -0.01 min

Lab File: BG043775.D

Acq: 25 Nov 2019 18:52

Instrument :

BNA_G

ClientSampleId :

PB125036BS

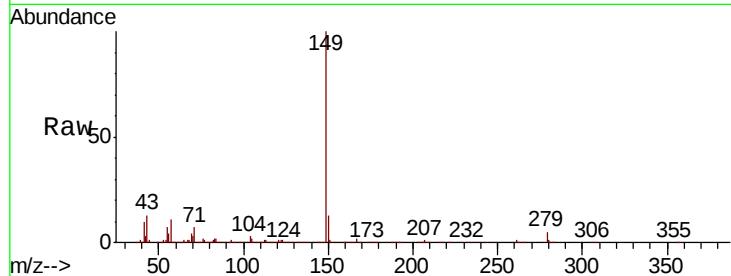
Tot Ion:149 Resp: 2348949

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.0

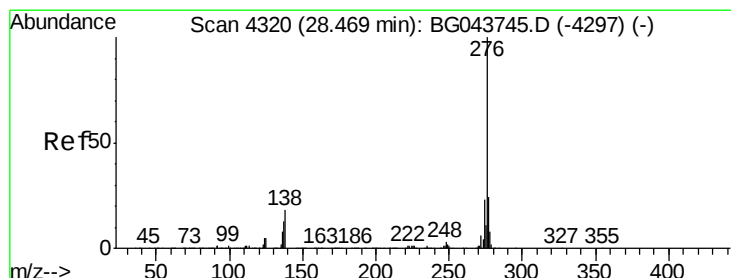
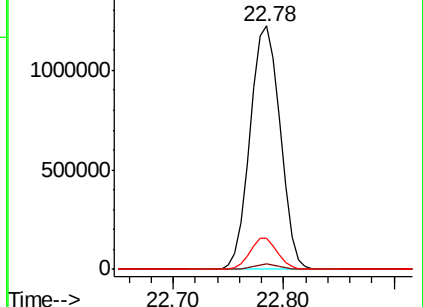
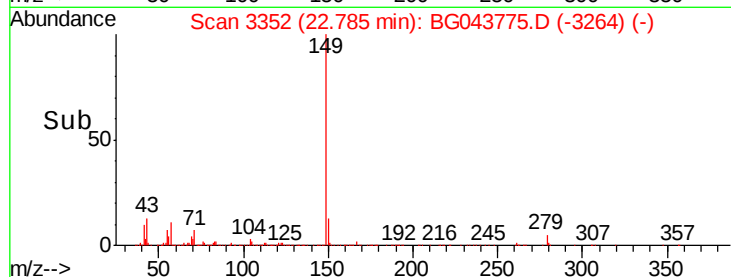
43 11.8 9.8 14.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 42.941 ng

RT: 28.45 min Scan# 4316

Delta R.T. -0.02 min

Lab File: BG043775.D

Acq: 25 Nov 2019 18:52

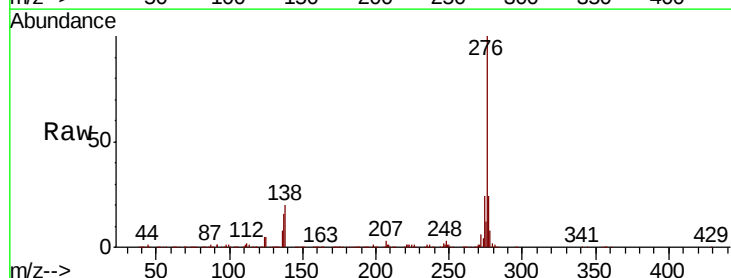
Tgt Ion:276 Resp: 2469133

Ion Ratio Lower Upper

276 100

138 16.8 14.5 21.7

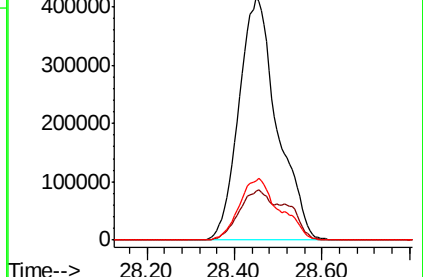
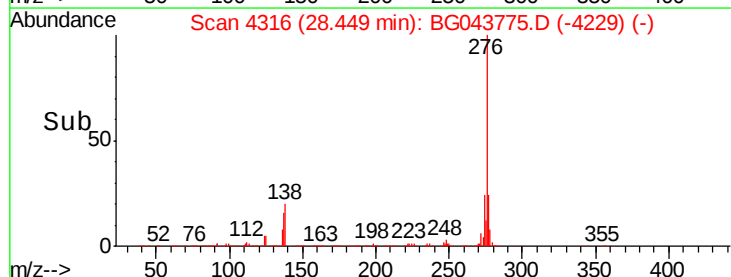
277 26.8 21.1 31.7

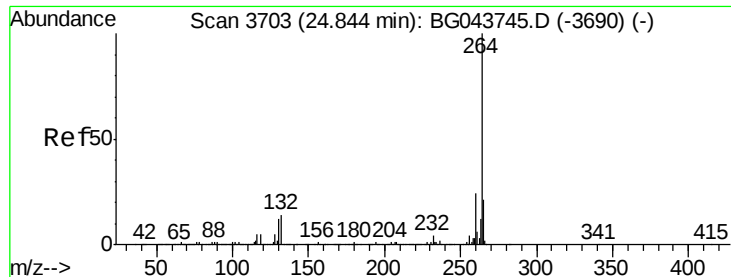


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



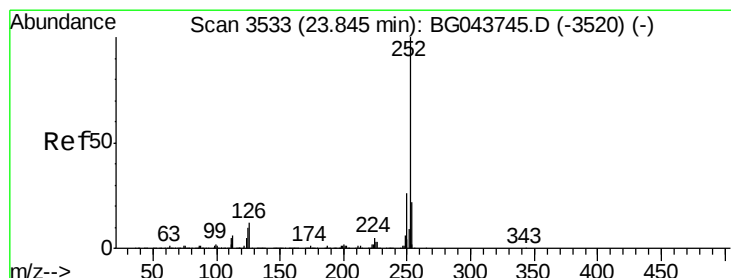
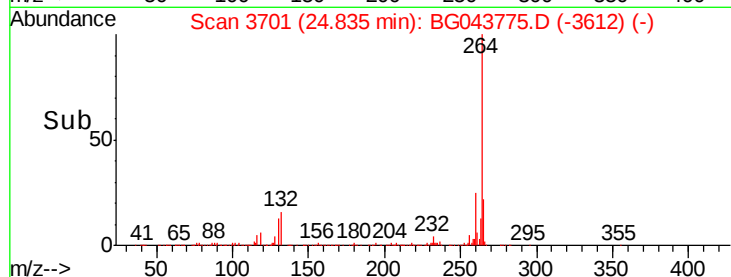
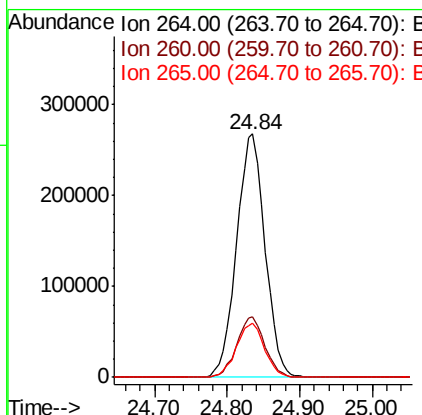
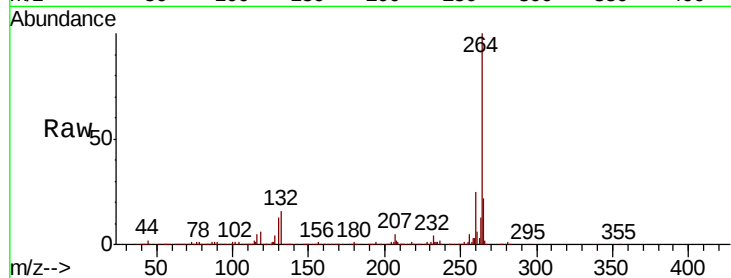


#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.84 min Scan# 3701
Delta R.T. -0.01 min
Lab File: BG043775.D
Acq: 25 Nov 2019 18:52

Instrument :
BNA_G
ClientSampleId :
PB125036BS

Tot Ion:264 Resp: 727957

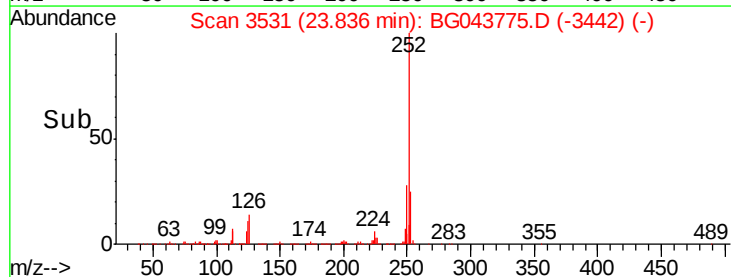
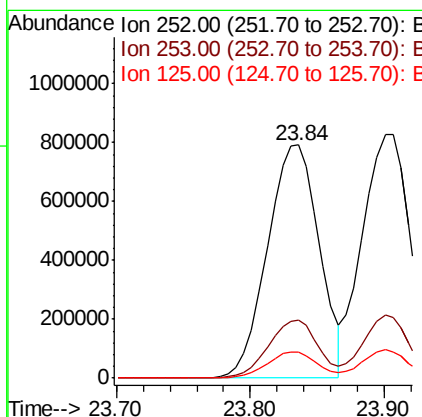
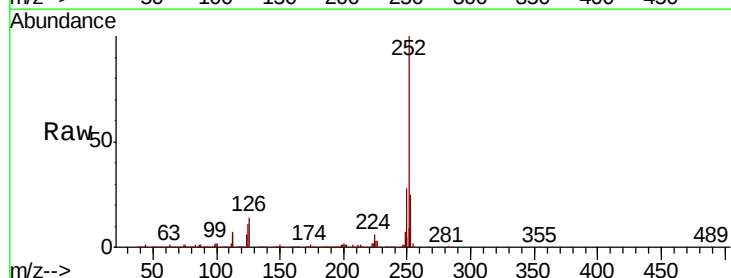
Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.4	29.2
265	22.1	17.0	25.6

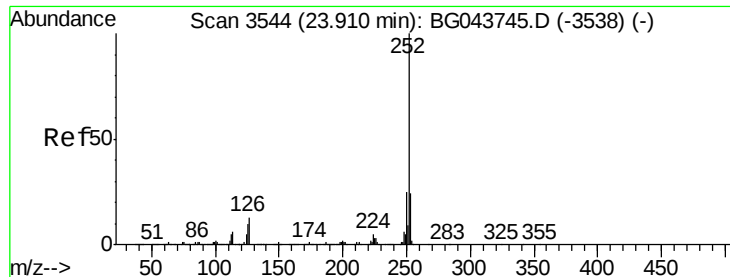


#88
Benzo(b)fluoranthene
Concen: 49.029 ng
RT: 23.84 min Scan# 3531
Delta R.T. -0.01 min
Lab File: BG043775.D
Acq: 25 Nov 2019 18:52

Tgt Ion:252 Resp: 2130962

Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.7	26.5
125	11.2	8.0	12.0





#89

Benzo(k)fluoranthene

Concen: 51.086 ng

RT: 23.84 min Scan# 3531

Delta R.T. -0.07 min

Lab File: BG043775.D

Acq: 25 Nov 2019 18:52

Instrument :

BNA_G

ClientSampleId :

PB125036BS

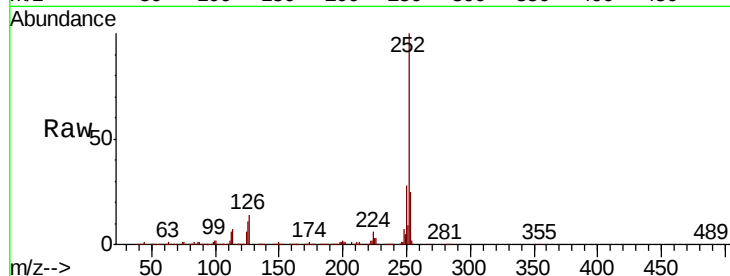
Tot Ion:252 Resp: 2130962

Ion Ratio Lower Upper

252 100

253 25.0 18.8 28.2

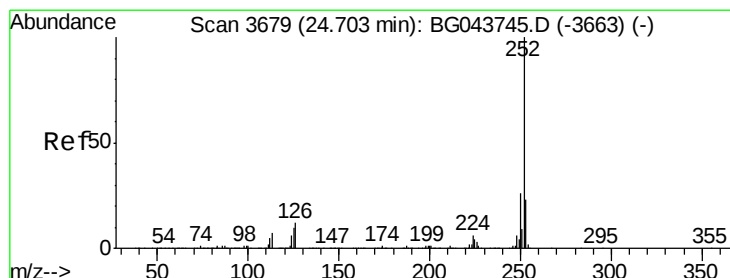
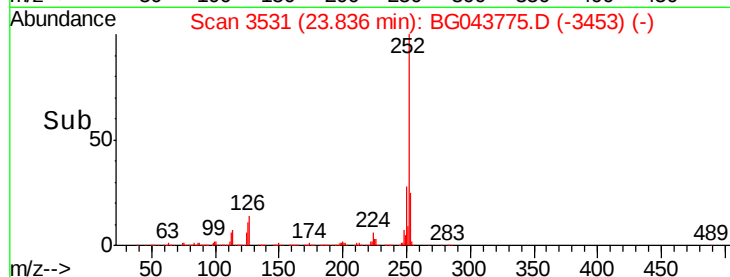
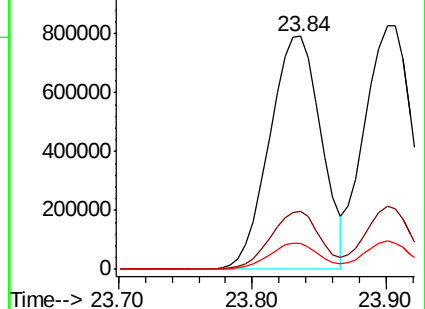
125 11.2 7.7 11.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 47.045 ng

RT: 24.69 min Scan# 3676

Delta R.T. -0.01 min

Lab File: BG043775.D

Acq: 25 Nov 2019 18:52

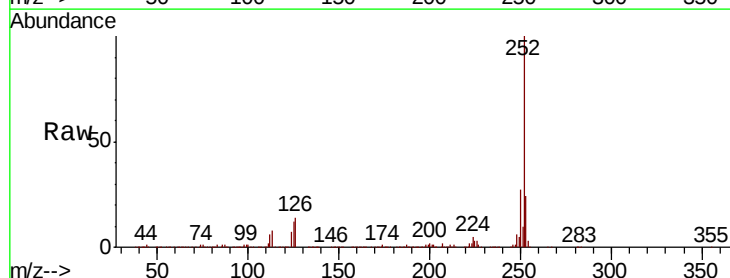
Tgt Ion:252 Resp: 1922726

Ion Ratio Lower Upper

252 100

253 24.0 18.2 27.4

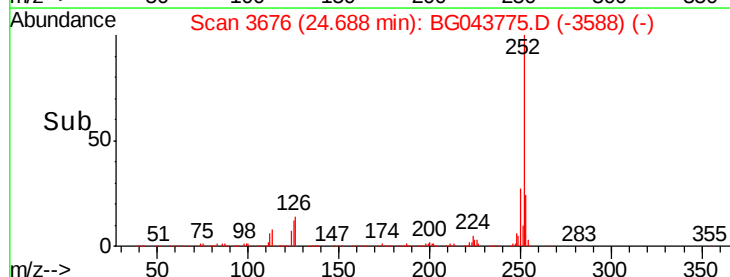
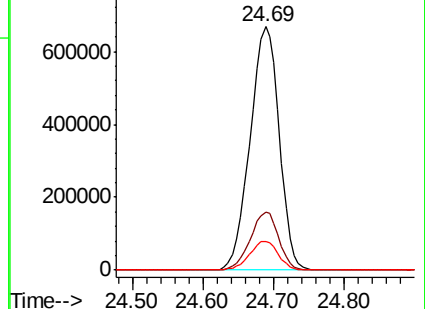
125 11.8 8.3 12.5

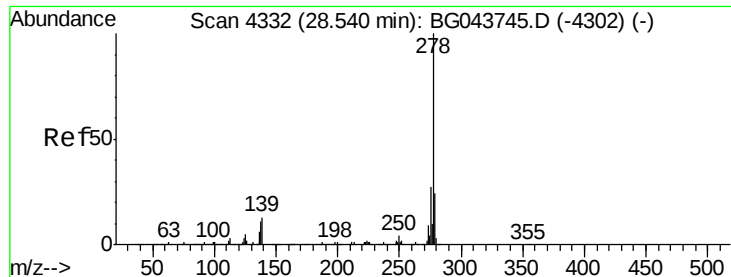


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

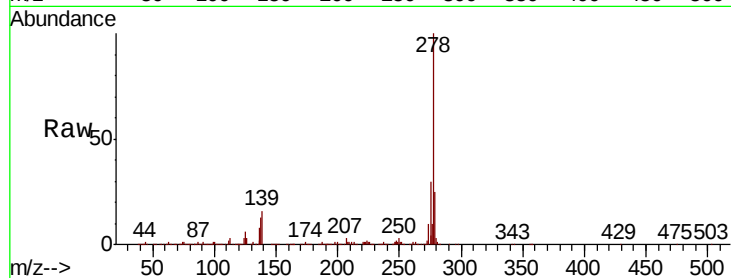




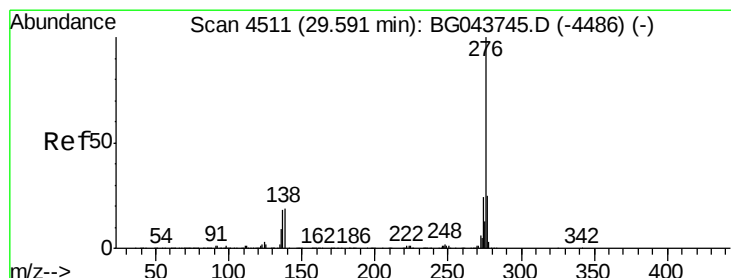
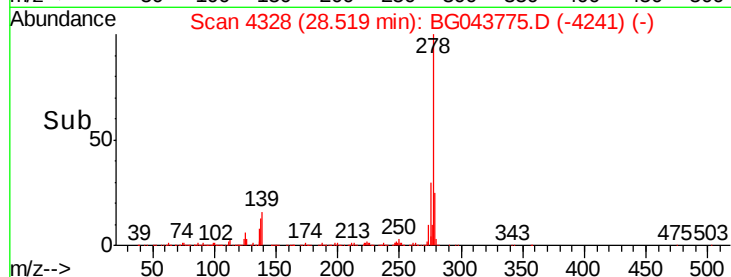
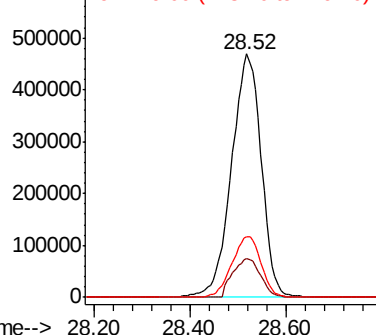
#91
Dibenzo(a,h)anthracene
Concen: 51.099 ng
RT: 28.52 min Scan# 4328
Delta R.T. -0.02 min
Lab File: BG043775.D
Acq: 25 Nov 2019 18:52

Instrument :
BNA_G
ClientSampleId :
PB125036BS

Tot Ion:278 Resp: 2025701
Ion Ratio Lower Upper
278 100
139 15.9 10.4 15.6#
279 25.0 19.3 28.9

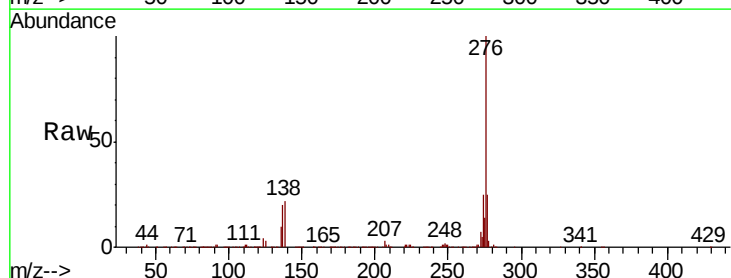


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 52.854 ng
RT: 29.58 min Scan# 4509
Delta R.T. -0.01 min
Lab File: BG043775.D
Acq: 25 Nov 2019 18:52

Tgt Ion:276 Resp: 2066261
Ion Ratio Lower Upper
276 100
277 25.4 19.7 29.5
138 22.1 14.9 22.3



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

