

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG041620\
 Data File : BG045011.D
 Acq On : 16 Apr 2020 18:11
 Operator : CG/JU
 Sample : PB128259BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB128259BS

Quant Time: Apr 16 18:46:25 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 15 17:57:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	66999	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	294876	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	230360	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	564766	20.00	ng	0.00
76) Chrysene-d12	21.66	240	520648	20.00	ng	0.00
87) Perylene-d12	24.85	264	589972	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	590036	145.39	ng	0.00
7) Phenol-d6	7.18	99	876018	145.29	ng	0.00
23) Nitrobenzene-d5	9.18	82	546551	84.57	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	477000	134.04	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1320112	84.03	ng	0.00
79) Terphenyl-d14	20.01	244	2269818	95.02	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.48	88	71411	39.595	ng	96
3) Pyridine	3.88	79	205504	37.008	ng	96
4) n-Nitrosodimethylamine	3.79	42	78752	46.294	ng	# 97
6) Aniline	7.34	93	264617	33.754	ng	97
8) 2-Chlorophenol	7.58	128	234797	53.834	ng	98
9) Benzaldehyde	7.15	77	116210	32.149	ng	100
10) Phenol	7.21	94	326317	54.083	ng	97
11) bis(2-Chloroethyl)ether	7.44	93	214516	44.655	ng	99
12) 1,3-Dichlorobenzene	7.91	146	232147	45.170	ng	97
13) 1,4-Dichlorobenzene	8.06	146	235198	45.927	ng	99
14) 1,2-Dichlorobenzene	8.38	146	223462	45.611	ng	94
15) Benzyl Alcohol	8.25	79	245105	48.485	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.56	45	197940	41.976	ng	97
17) 2-Methylphenol	8.46	107	224214	48.164	ng	92
18) Hexachloroethane	9.11	117	88145	45.785	ng	99
19) n-Nitroso-di-n-propylamine	8.83	70	200013	46.907	ng	99
20) 3+4-Methylphenols	8.79	107	313846	48.166	ng	94
22) Acetophenone	8.84	105	359216	45.047	ng	99
24) Nitrobenzene	9.22	77	296165	44.709	ng	97
25) Isophorone	9.75	82	563030	42.543	ng	97
26) 2-Nitrophenol	9.93	139	137992	48.361	ng	96
27) 2,4-Dimethylphenol	10.00	122	235139	51.935	ng	97
28) bis(2-Chloroethoxy)methane	10.23	93	321466	46.231	ng	97
29) 2,4-Dichlorophenol	10.47	162	266060	50.893	ng	97
30) 1,2,4-Trichlorobenzene	10.69	180	261253	44.138	ng	99
31) Naphthalene	10.88	128	724064	44.886	ng	99
32) Benzoic acid	10.15	122	186613	50.621	ng	94
33) 4-Chloroaniline	10.98	127	140026	18.613	ng	98
34) Hexachlorobutadiene	11.17	225	171396	42.234	ng	99
35) Caprolactam	11.74	113	56328	27.072	ng	91
36) 4-Chloro-3-methylphenol	12.11	107	319119	51.962	ng	94
37) 2-Methylnaphthalene	12.49	142	578659	46.216	ng	97
38) 1-Methylnaphthalene	12.71	142	555540	47.000	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	315497	42.537	ng	99

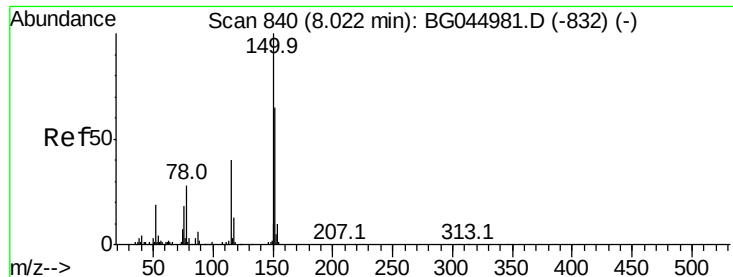
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG041620\
 Data File : BG045011.D
 Acq On : 16 Apr 2020 18:11
 Operator : CG/JU
 Sample : PB128259BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB128259BS

Quant Time: Apr 16 18:46:25 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 15 17:57:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	432585	93.315	ng	99
43) 2,4,6-Trichlorophenol	13.09	196	255061	48.726	ng	99
44) 2,4,5-Trichlorophenol	13.16	196	269133	45.169	ng	99
46) 1,1'-Biphenyl	13.49	154	753336	43.026	ng	99
47) 2-Chloronaphthalene	13.53	162	591662	44.224	ng	99
48) 2-Nitroaniline	13.73	65	203582	46.250	ng	98
49) Acenaphthylene	14.38	152	984731	45.188	ng	98
50) Dimethylphthalate	14.11	163	840136	44.791	ng	99
51) 2,6-Dinitrotoluene	14.22	165	198521	47.319	ng	97
52) Acenaphthene	14.72	154	704661	47.792	ng	99
53) 3-Nitroaniline	14.55	138	118688	25.794	ng	96
54) 2,4-Dinitrophenol	14.76	184	172796	69.265	ng	94
55) Dibenzofuran	15.06	168	968666	45.063	ng	98
56) 4-Nitrophenol	14.87	139	331510	92.919	ng	98
57) 2,4-Dinitrotoluene	15.01	165	281164	45.858	ng	96
58) Fluorene	15.70	166	818505	46.616	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.29	232	271911	51.288	ng	99
60) Diethylphthalate	15.48	149	862990	44.129	ng	99
61) 4-Chlorophenyl-phenylether	15.70	204	449861	44.513	ng	97
62) 4-Nitroaniline	15.72	138	206869	43.346	ng	99
63) Azobenzene	15.99	77	839664	46.571	ng	99
65) 4,6-Dinitro-2-methylphenol	15.78	198	160495	43.234	ng	98
66) n-Nitrosodiphenylamine	15.91	169	746585	46.009	ng	99
67) 4-Bromophenyl-phenylether	16.59	248	314395	43.151	ng	97
68) Hexachlorobenzene	16.71	284	343784	45.496	ng	98
69) Atrazine	16.86	200	319289	55.011	ng	96
70) Pentachlorophenol	17.05	266	422991	91.249	ng	99
71) Phenanthrene	17.45	178	1323554	45.605	ng	99
72) Anthracene	17.54	178	1371400	47.108	ng	99
73) Carbazole	17.80	167	1266740	42.878	ng	99
74) Di-n-butylphthalate	18.37	149	1503900	47.040	ng	98
75) Fluoranthene	19.45	202	1654181	49.048	ng	99
77) Benzidine	19.63	184	792621	53.714	ng	98
78) Pyrene	19.81	202	1606310	44.752	ng	99
80) Butylbenzylphthalate	20.70	149	658707	44.273	ng	99
81) Benzo(a)anthracene	21.65	228	1554449	46.064	ng	100
82) 3,3'-Dichlorobenzidine	21.56	252	370319	27.571	ng	100
83) Chrysene	21.71	228	1491415	45.998	ng	98
84) Bis(2-ethylhexyl)phthalate	21.56	149	950776	46.463	ng	99
85) Di-n-octyl phthalate	22.77	149	1614471	45.625	ng	99
86) Indeno(1,2,3-cd)pyrene	28.47	276	2051688	47.661	ng	99
88) Benzo(b)fluoranthene	23.84	252	1732621	46.884	ng	99
89) Benzo(k)fluoranthene	23.91	252	1628481	46.336	ng	100
90) Benzo(a)pyrene	24.70	252	1587387	45.495	ng	99
91) Dibenzo(a,h)anthracene	28.54	278	1660574	47.231	ng	97
92) Benzo(g,h,i)perylene	29.60	276	1669651	47.368	ng	100

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.02 min Scan# 839

Delta R.T. -0.00 min

Lab File: BG045011.D

Acq: 16 Apr 2020 18:11

Instrument :

BNA_G

ClientSampleId :

PB128259BS

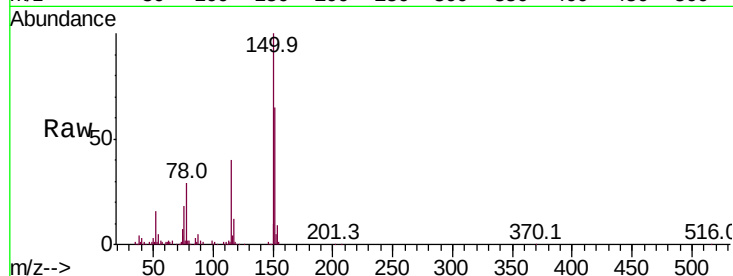
Tot Ion:152 Resp: 66999

Ion Ratio Lower Upper

152 100

150 154.5 123.6 185.4

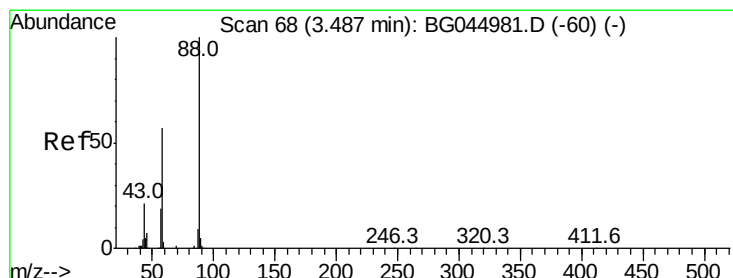
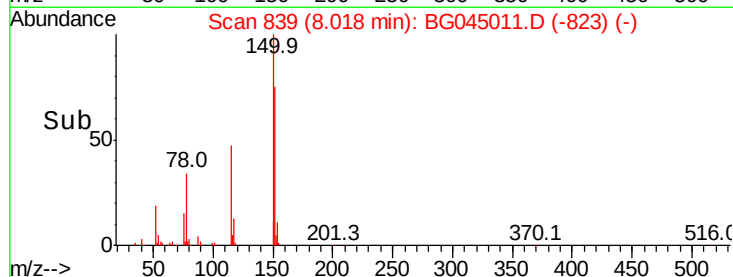
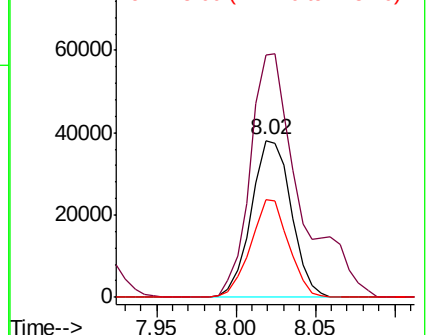
115 62.2 49.1 73.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 39.595 ng

RT: 3.48 min Scan# 67

Delta R.T. -0.00 min

Lab File: BG045011.D

Acq: 16 Apr 2020 18:11

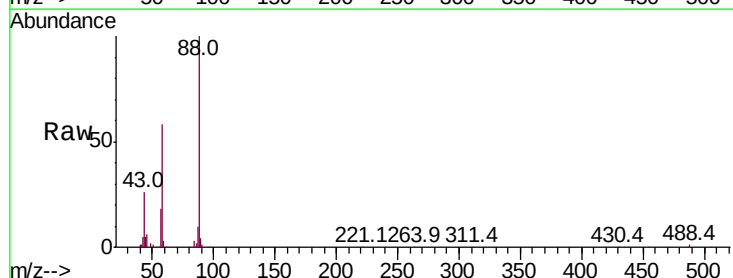
Tgt Ion: 88 Resp: 71411

Ion Ratio Lower Upper

88 100

58 55.9 46.6 69.8

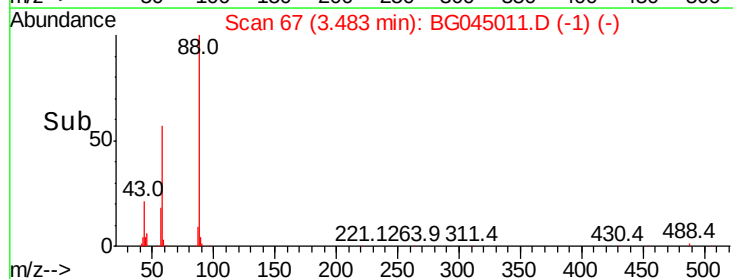
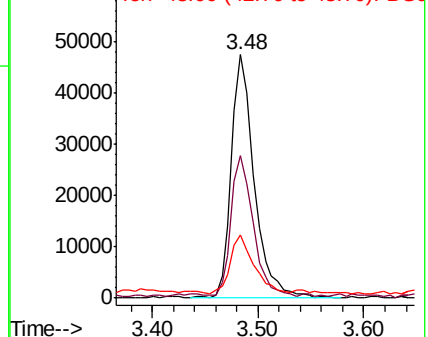
43 24.4 17.5 26.3

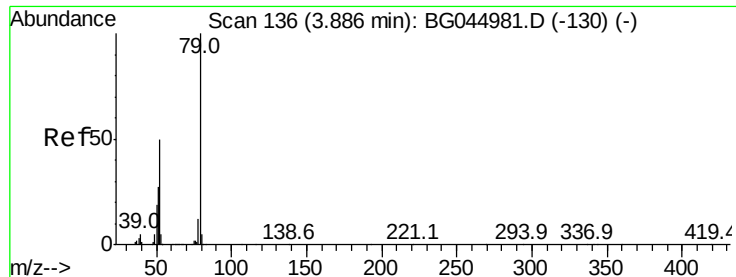


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 37.008 ng

RT: 3.88 min Scan# 134

Delta R.T. -0.01 min

Lab File: BG045011.D

Acq: 16 Apr 2020 18:11

Instrument :

BNA_G

ClientSampleId :

PB128259BS

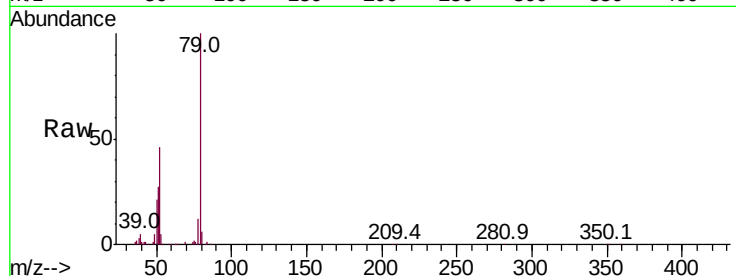
Tot Ion: 79 Resp: 205504

Ion Ratio Lower Upper

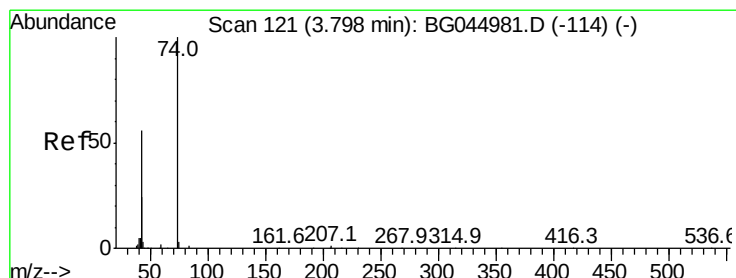
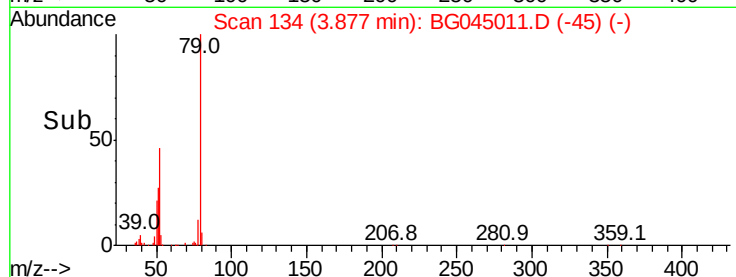
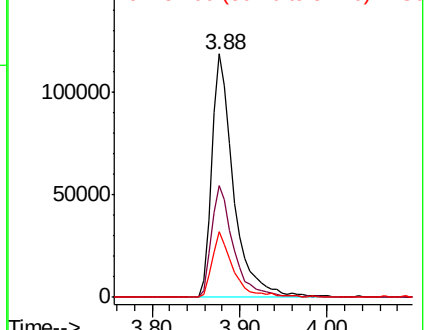
79 100

52 45.7 39.8 59.6

51 27.1 21.4 32.2



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



#4

n-Nitrosodimethylamine

Concen: 46.294 ng

RT: 3.79 min Scan# 119

Delta R.T. -0.01 min

Lab File: BG045011.D

Acq: 16 Apr 2020 18:11

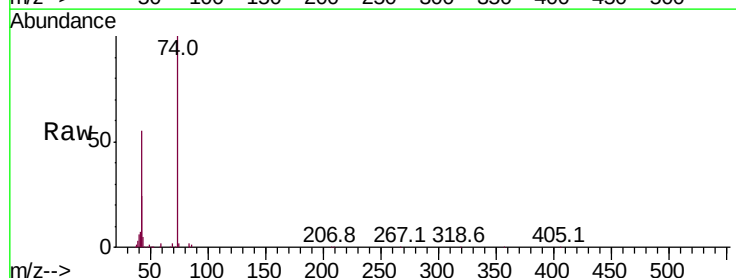
Tgt Ion: 42 Resp: 78752

Ion Ratio Lower Upper

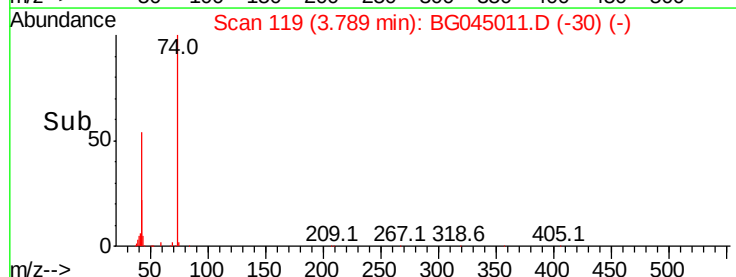
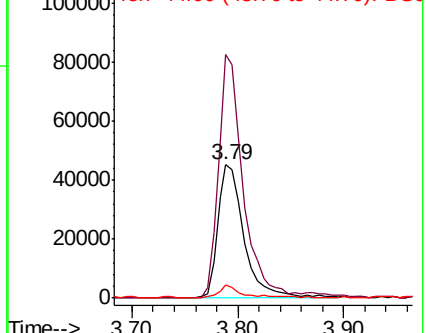
42 100

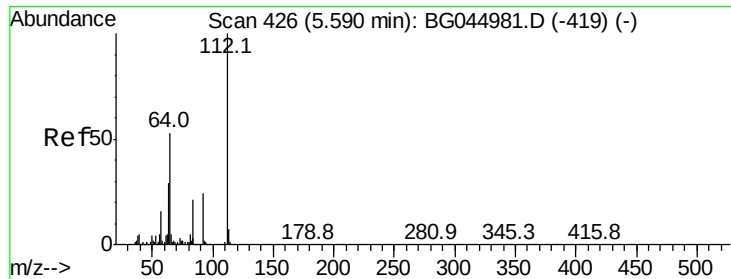
74 183.1 143.0 214.6

44 10.1 4.6 6.8#



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: 145.393 ng

RT: 5.59 min Scan# 426

Delta R.T. 0.00 min

Lab File: BG045011.D

Acq: 16 Apr 2020 18:11

Instrument :

BNA_G

ClientSampleId :

PB128259BS

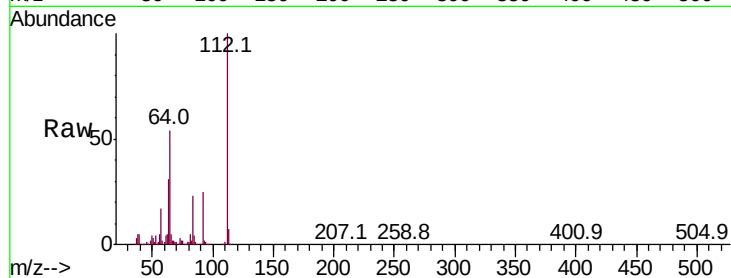
Tot Ion:112 Resp: 590036

Ion Ratio Lower Upper

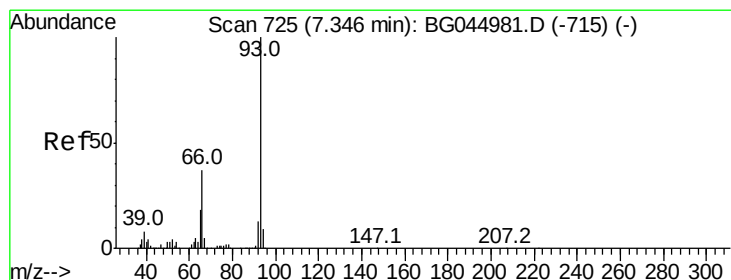
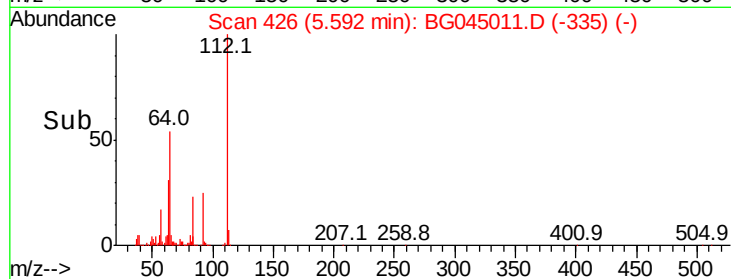
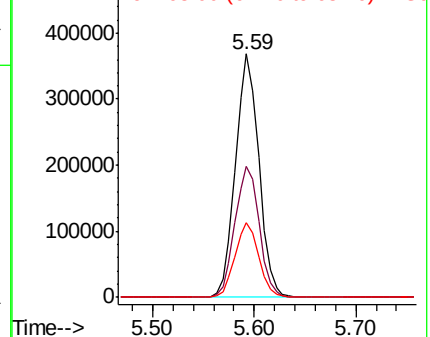
112 100

64 53.9 42.4 63.6

63 30.6 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 33.754 ng

RT: 7.34 min Scan# 724

Delta R.T. -0.00 min

Lab File: BG045011.D

Acq: 16 Apr 2020 18:11

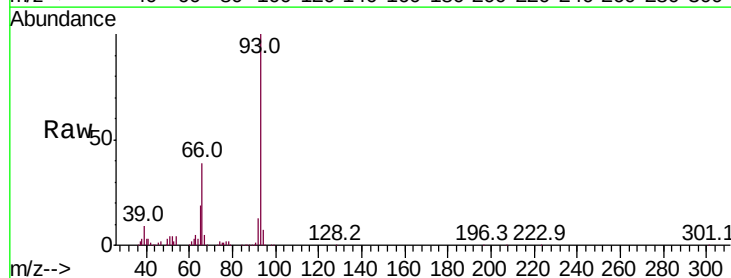
Tgt Ion: 93 Resp: 264617

Ion Ratio Lower Upper

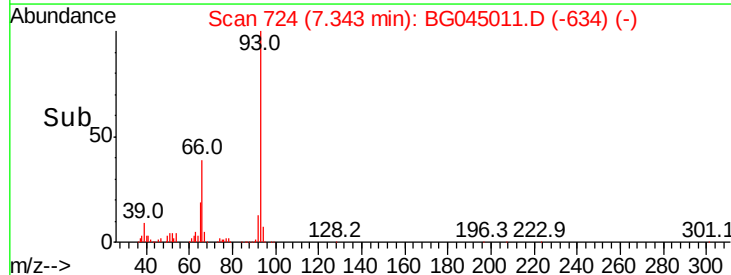
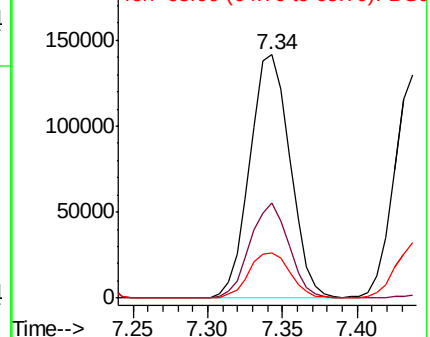
93 100

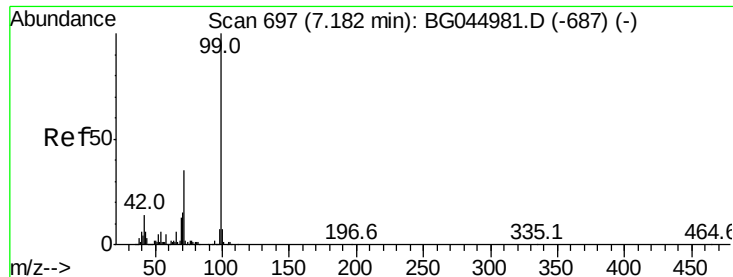
66 39.3 29.8 44.8

65 18.7 14.6 22.0



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 145.289 ng

RT: 7.18 min Scan# 697

Delta R.T. 0.00 min

Lab File: BG045011.D

Acq: 16 Apr 2020 18:11

Instrument :

BNA_G

ClientSampleId :

PB128259BS

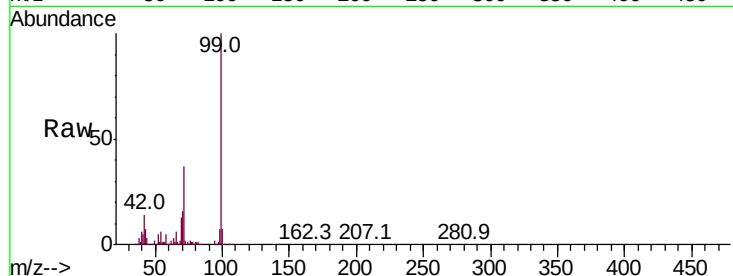
Tot Ion: 99 Resp: 876018

Ion Ratio Lower Upper

99 100

42 14.2 11.3 16.9

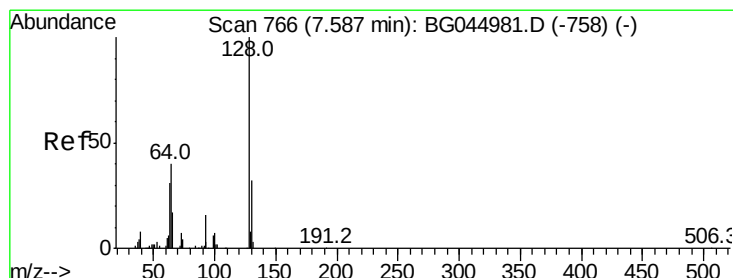
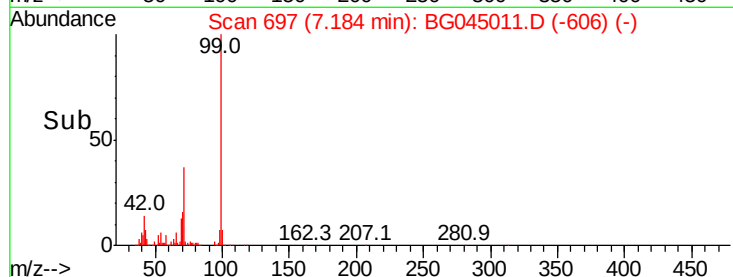
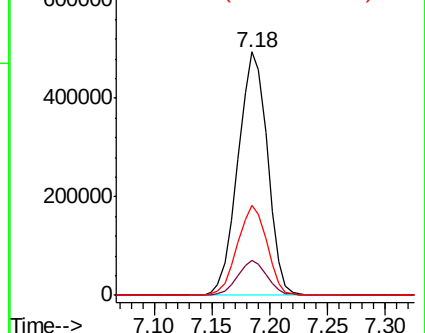
71 36.8 28.3 42.5



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: 53.834 ng

RT: 7.58 min Scan# 765

Delta R.T. -0.00 min

Lab File: BG045011.D

Acq: 16 Apr 2020 18:11

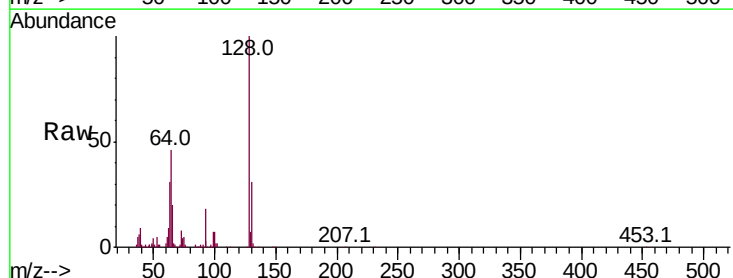
Tgt Ion: 128 Resp: 234797

Ion Ratio Lower Upper

128 100

130 31.0 12.3 52.3

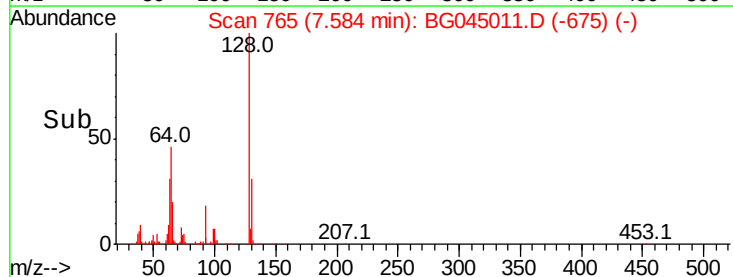
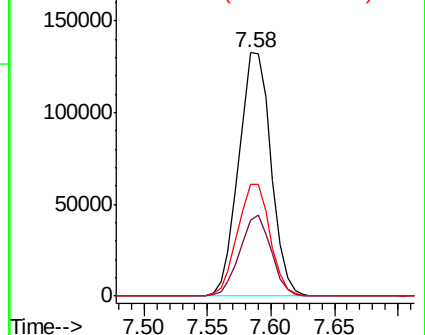
64 45.7 24.4 64.4

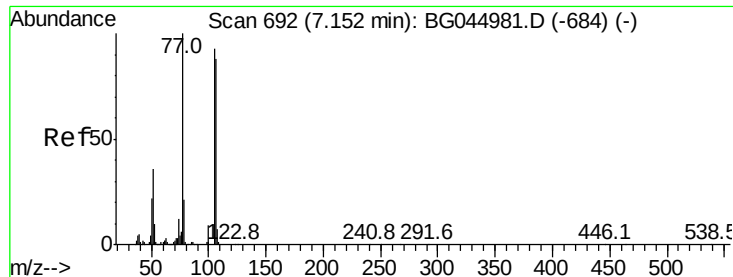


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 32.149 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.00 min

Lab File: BG045011.D

Acq: 16 Apr 2020 18:11

Instrument :

BNA_G

ClientSampleId :

PB128259BS

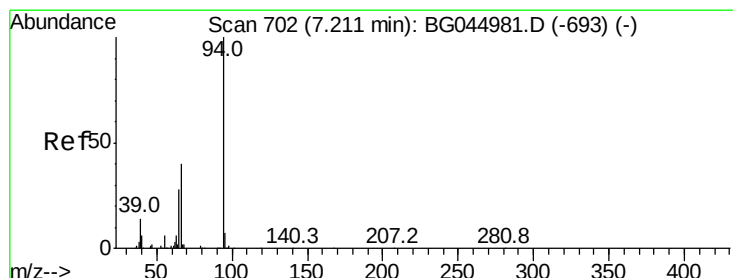
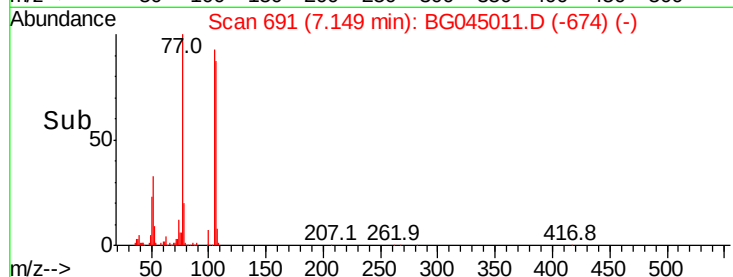
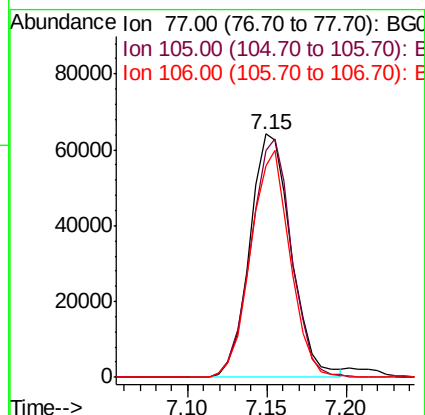
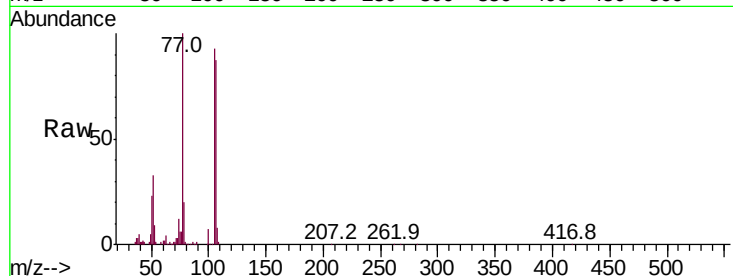
Tot Ion: 77 Resp: 116210

Ion Ratio Lower Upper

77 100

105 93.2 72.9 112.9

106 87.1 67.6 107.6



#10

Phenol

Concen: 54.083 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG045011.D

Acq: 16 Apr 2020 18:11

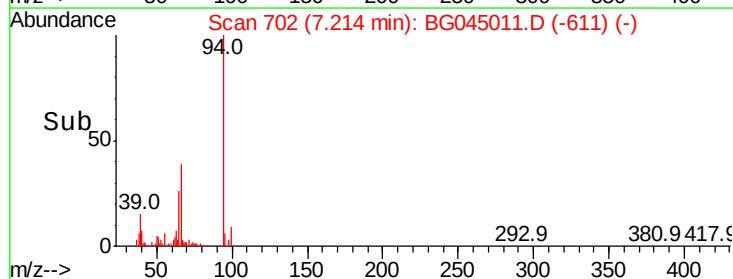
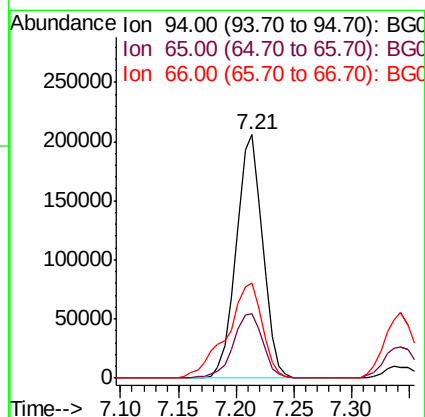
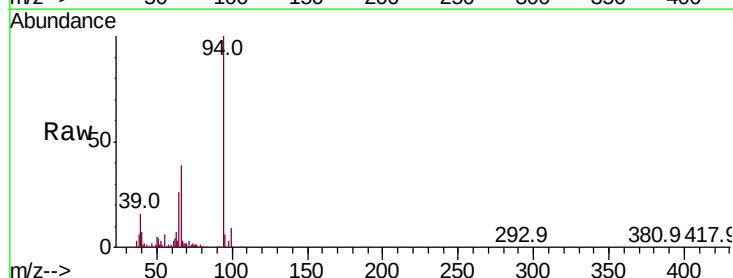
Tgt Ion: 94 Resp: 326317

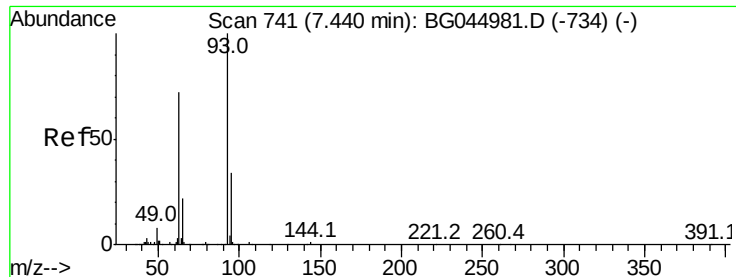
Ion Ratio Lower Upper

94 100

65 26.4 8.2 48.2

66 39.0 20.4 60.4





#11

bis(2-Chloroethyl)ether

Concen: 44.655 ng

RT: 7.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BG045011.D

Acq: 16 Apr 2020 18:11

Instrument :

BNA_G

ClientSampleId :

PB128259BS

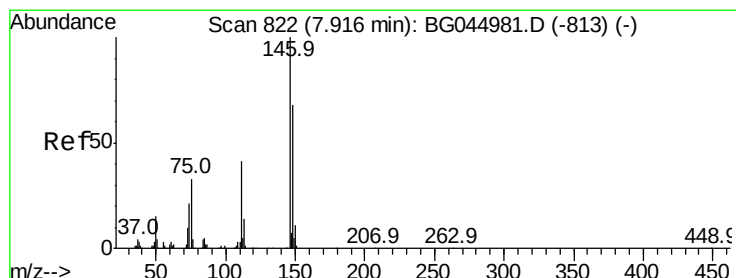
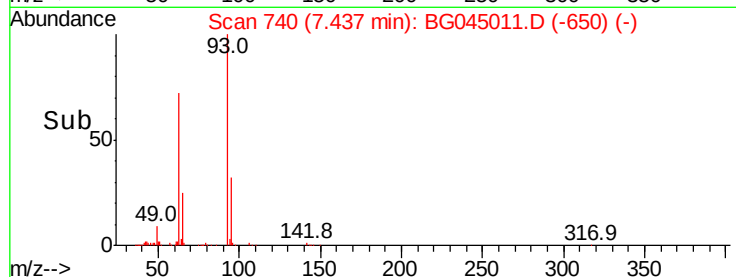
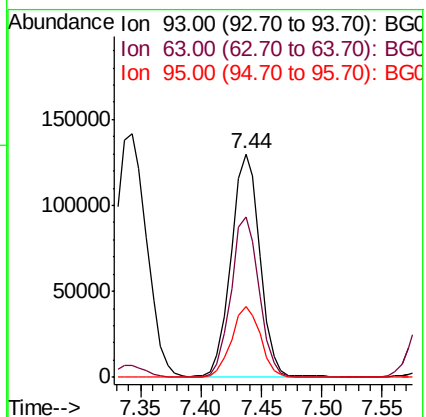
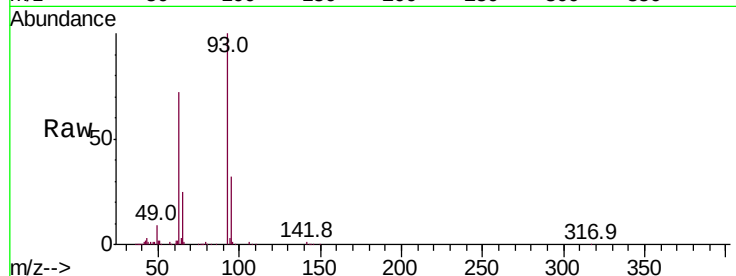
Tot Ion: 93 Resp: 214516

Ion	Ratio	Lower	Upper
93	100		
63	71.9	51.8	91.8
95	31.9	13.8	53.8

93 100

63 71.9 51.8 91.8

95 31.9 13.8 53.8



#12

1,3-Dichlorobenzene

Concen: 45.170 ng

RT: 7.91 min Scan# 821

Delta R.T. -0.00 min

Lab File: BG045011.D

Acq: 16 Apr 2020 18:11

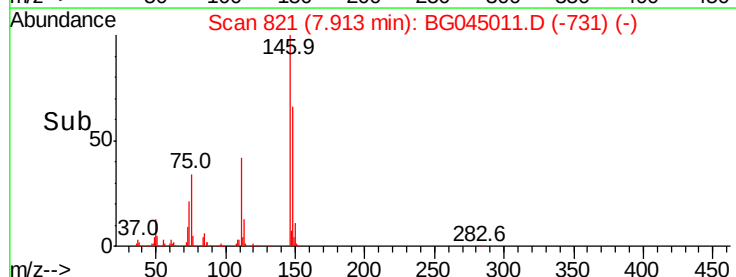
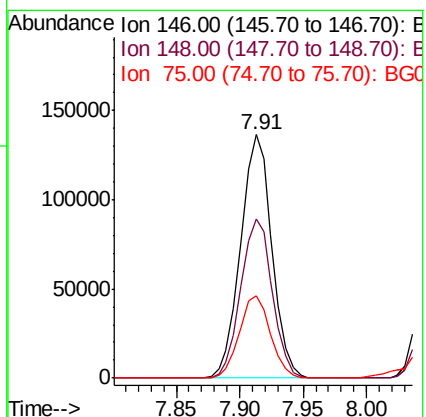
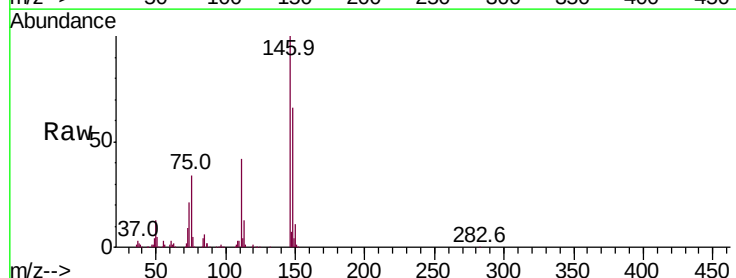
Tgt Ion: 146 Resp: 232147

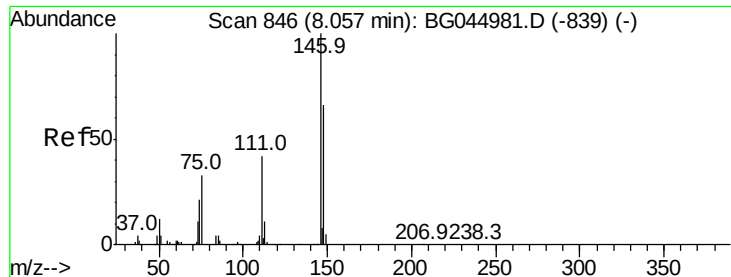
Ion	Ratio	Lower	Upper
146	100		
148	65.6	54.6	81.8
75	33.6	26.0	39.0

146 100

148 65.6 54.6 81.8

75 33.6 26.0 39.0

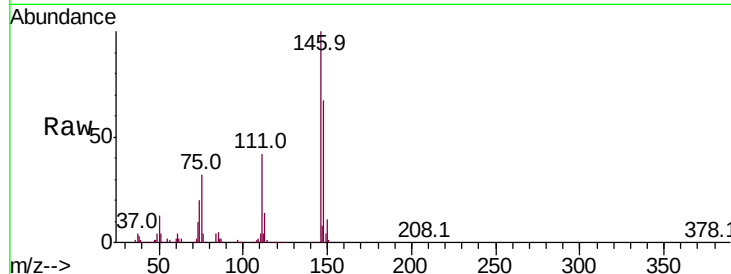




#13
 1,4-Dichlorobenzene
 Concen: 45.927 ng
 RT: 8.06 min Scan# 846
 Delta R.T. 0.00 min
 Lab File: BG045011.D
 Acq: 16 Apr 2020 18:11

Instrument :
 BNA_G
 ClientSampleId :
 PB128259BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	67.0	53.3	79.9
111	41.9	33.8	50.8

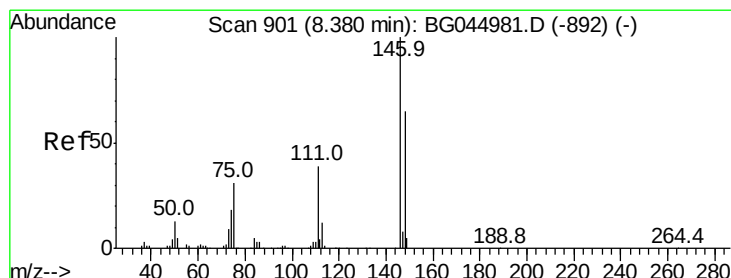
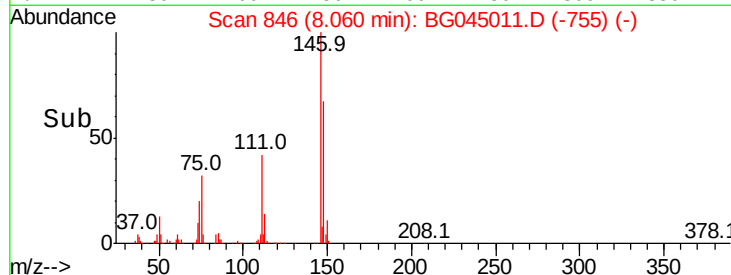
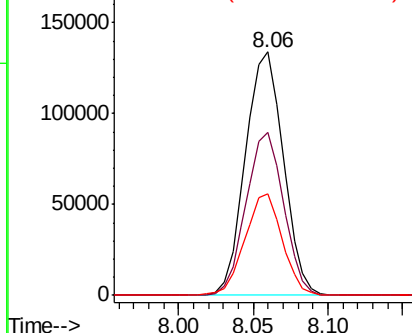


Abundance

Ion 146.00 (145.70 to 146.70): E

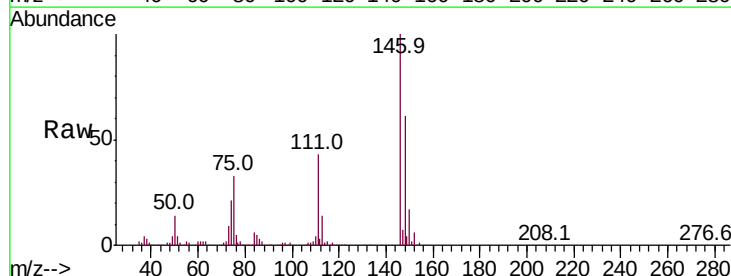
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 45.611 ng
 RT: 8.38 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: BG045011.D
 Acq: 16 Apr 2020 18:11

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.0	51.9	77.9
111	43.0	31.3	46.9

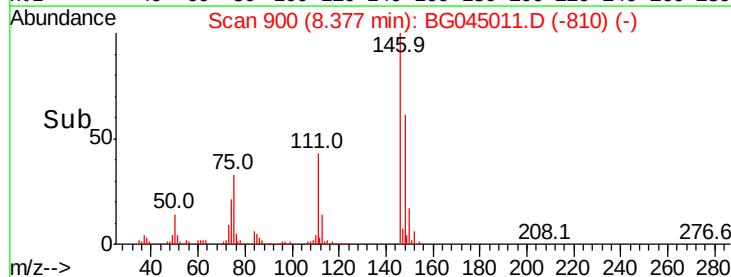
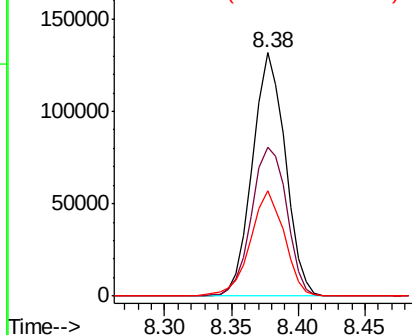


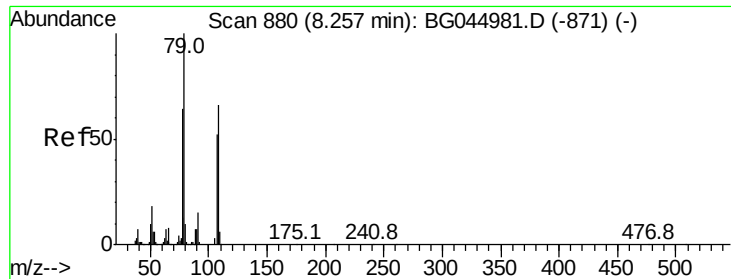
Abundance

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: 48.485 ng

RT: 8.25 min Scan# 879

Delta R.T. -0.00 min

Lab File: BG045011.D

Acq: 16 Apr 2020 18:11

Instrument :

BNA_G

ClientSampleId :

PB128259BS

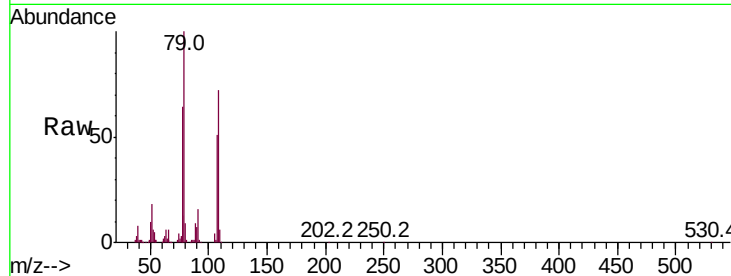
Tot Ion: 79 Resp: 245105

Ion Ratio Lower Upper

79 100

108 72.4 52.7 79.1

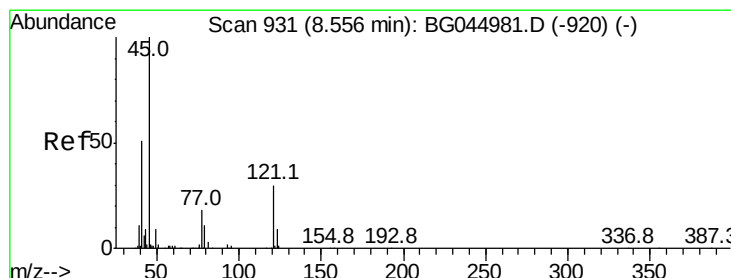
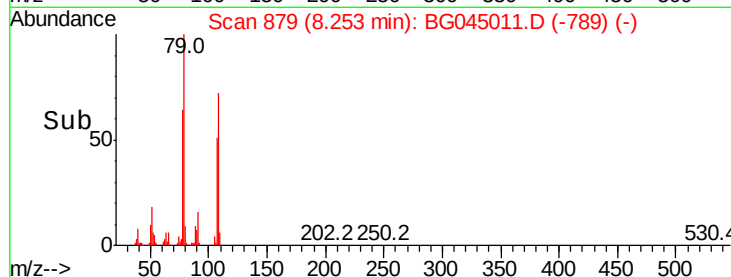
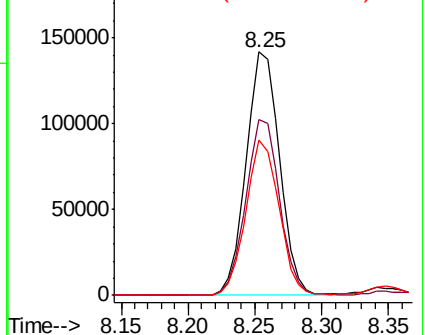
77 63.7 51.3 76.9



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: 41.976 ng

RT: 8.56 min Scan# 931

Delta R.T. 0.00 min

Lab File: BG045011.D

Acq: 16 Apr 2020 18:11

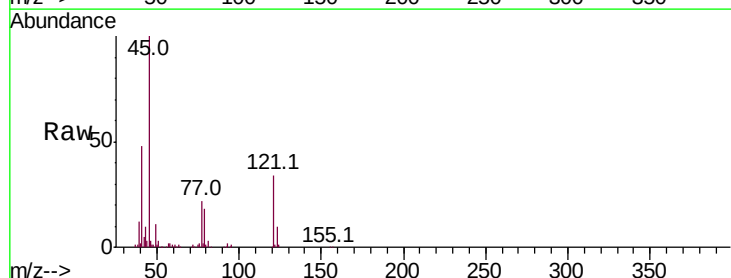
Tgt Ion: 45 Resp: 197940

Ion Ratio Lower Upper

45 100

77 22.1 1.9 41.9

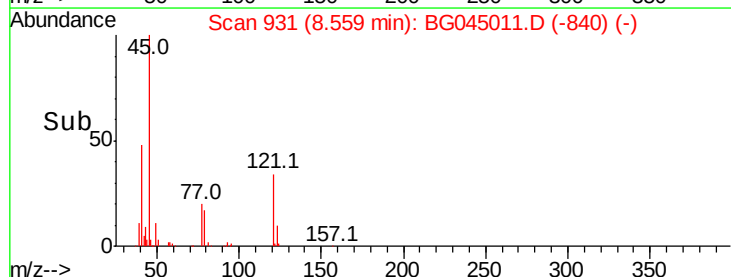
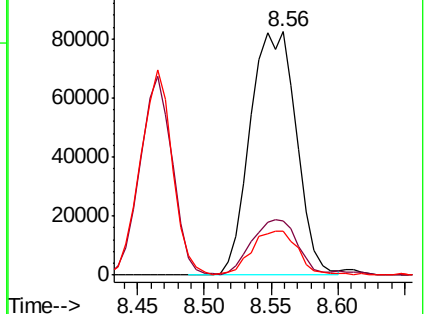
79 18.0 0.0 35.5

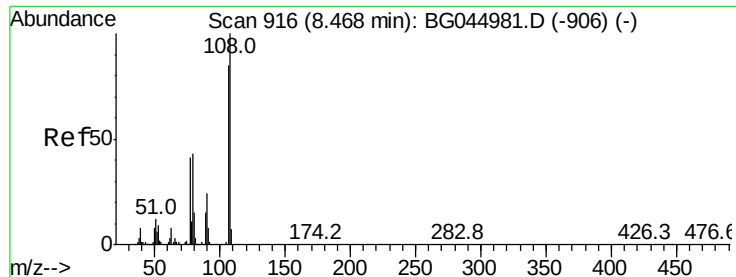


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 48.164 ng

RT: 8.46 min Scan# 915

Delta R.T. -0.00 min

Lab File: BG045011.D

Acq: 16 Apr 2020 18:11

Instrument :

BNA_G

ClientSampleId :

PB128259BS

Tot Ion:107 Resp: 224214

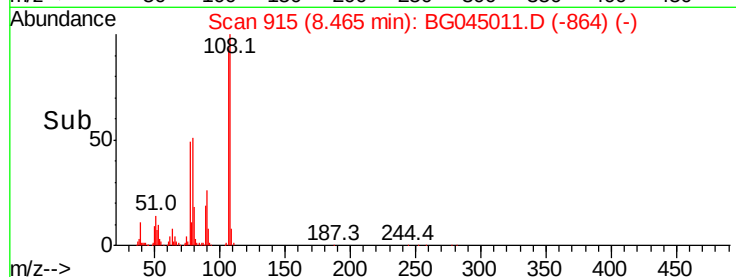
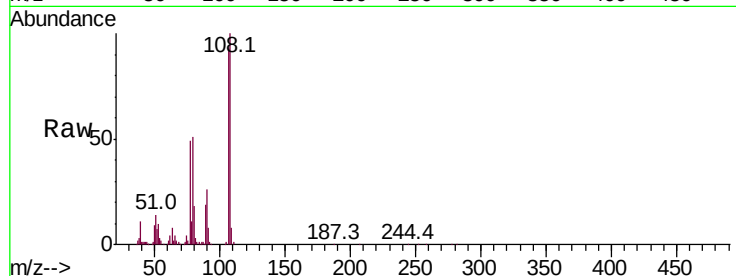
Ion Ratio Lower Upper

107 100

108 108.0 93.8 140.6

77 53.2 38.5 57.7

79 54.9 40.1 60.1



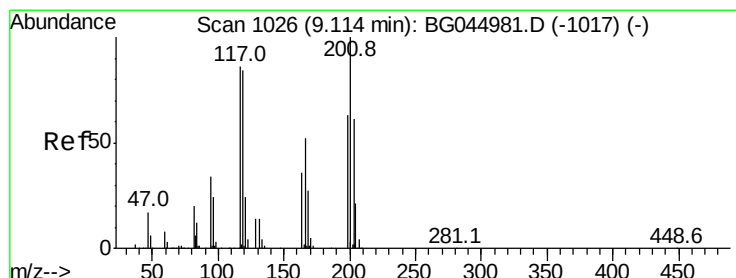
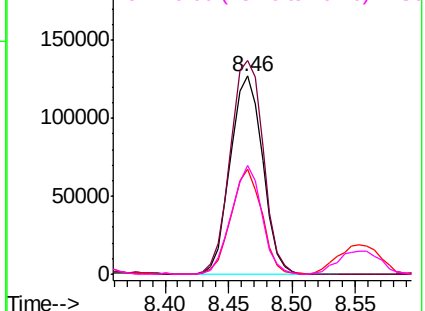
Abundance

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: 45.785 ng

RT: 9.11 min Scan# 1025

Delta R.T. -0.00 min

Lab File: BG045011.D

Acq: 16 Apr 2020 18:11

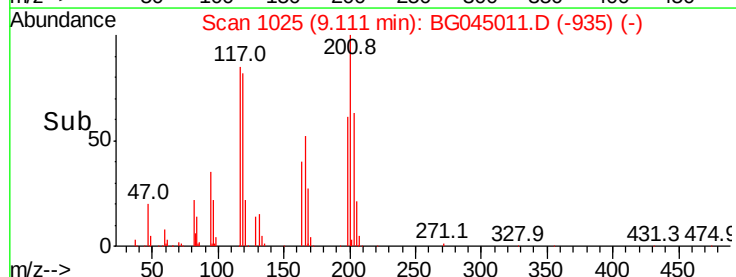
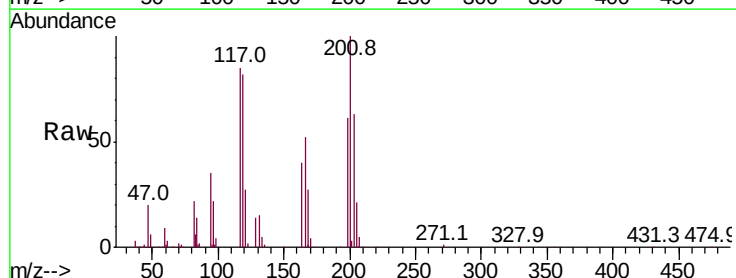
Tgt Ion:117 Resp: 88145

Ion Ratio Lower Upper

117 100

119 96.3 78.3 117.5

201 117.5 92.9 139.3

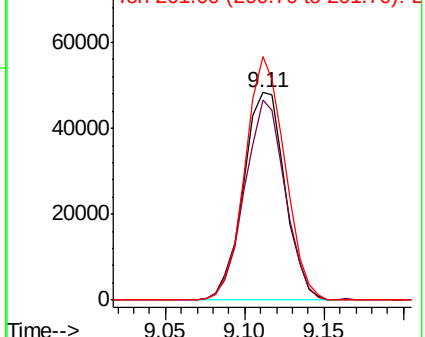


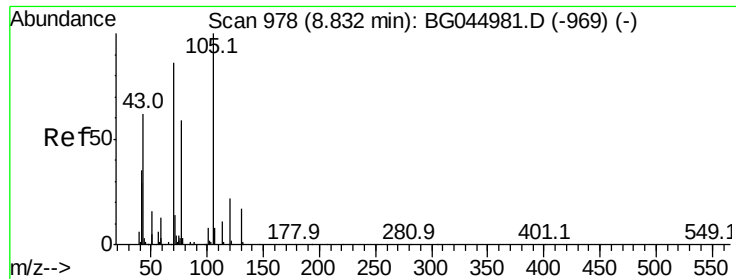
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 46.907 ng

RT: 8.83 min Scan# 977

Delta R.T. -0.00 min

Lab File: BG045011.D

Acq: 16 Apr 2020 18:11

Instrument :

BNA_G

ClientSampleId :

PB128259BS

Tot Ion: 70 Resp: 200013

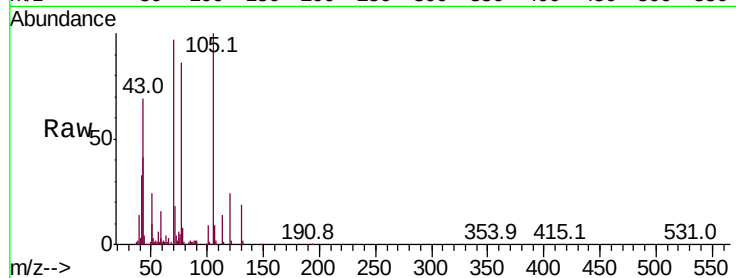
Ion Ratio Lower Upper

70 100

42 42.0 33.3 49.9

101 9.8 7.8 11.8

130 19.4 15.8 23.6

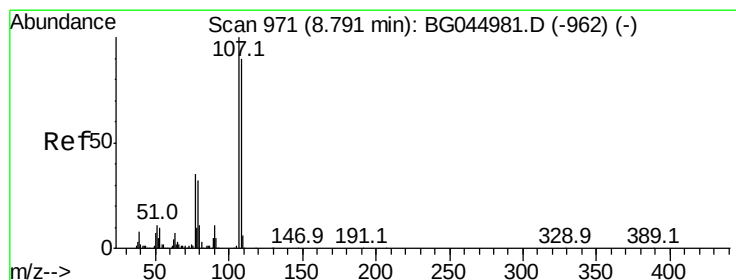
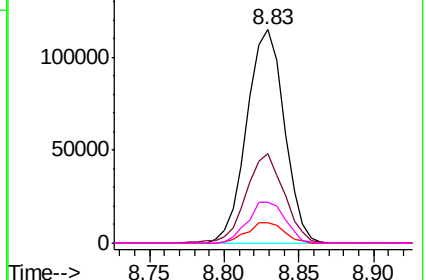
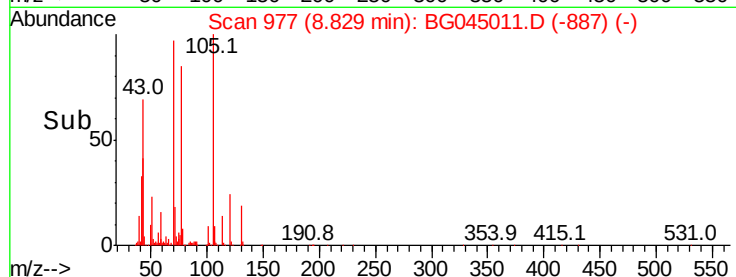


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 48.166 ng

RT: 8.79 min Scan# 970

Delta R.T. -0.00 min

Lab File: BG045011.D

Acq: 16 Apr 2020 18:11

Tgt Ion:107 Resp: 313846

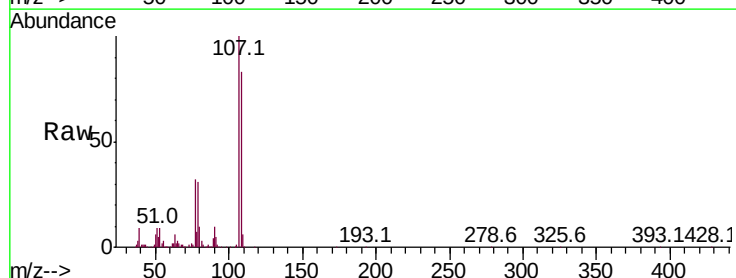
Ion Ratio Lower Upper

107 100

108 82.5 69.9 109.9

77 32.1 15.2 55.2

79 31.0 11.6 51.6

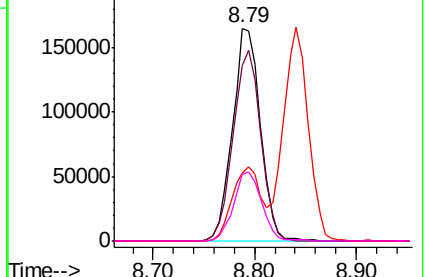
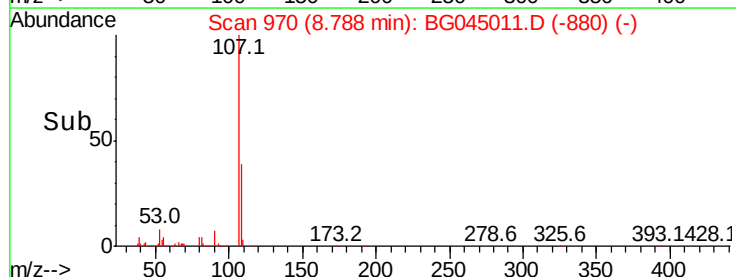


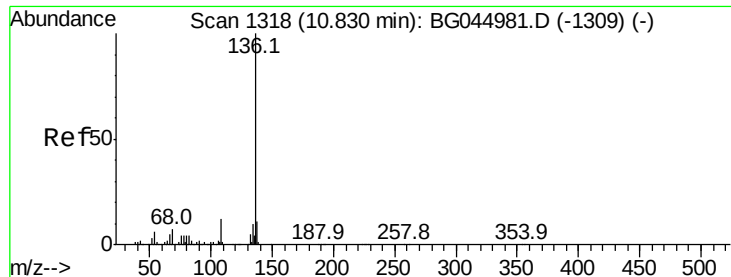
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

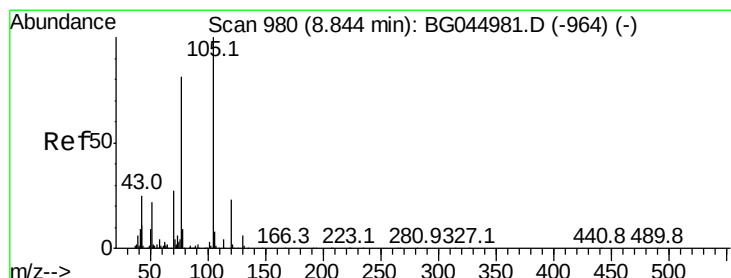
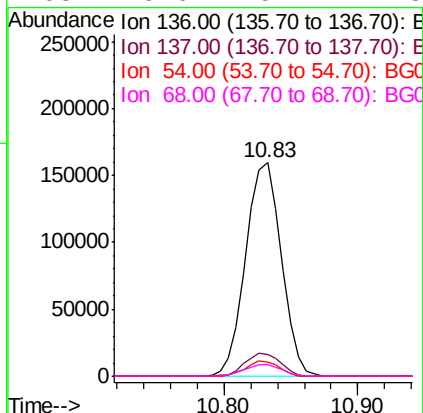
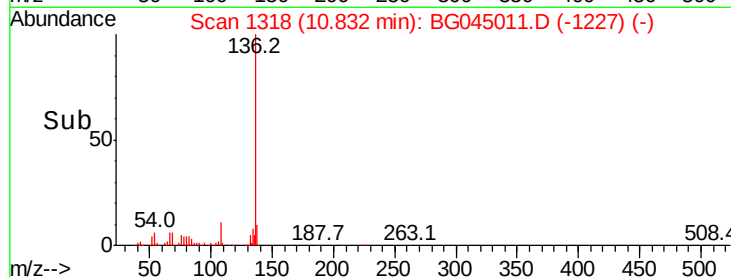
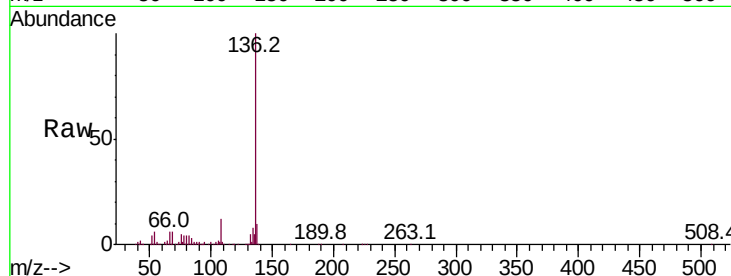




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BG045011.D
Acq: 16 Apr 2020 18:11

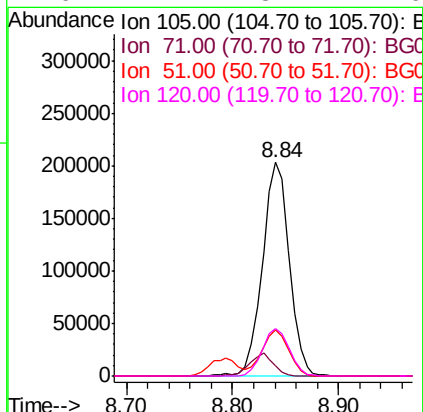
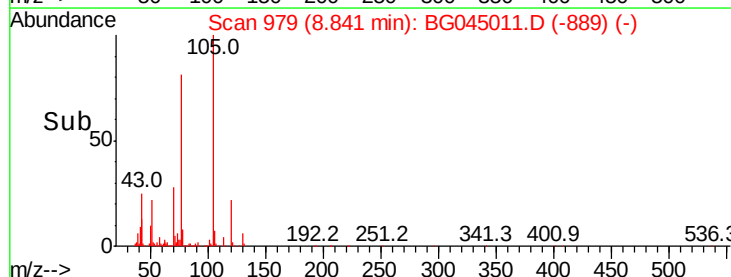
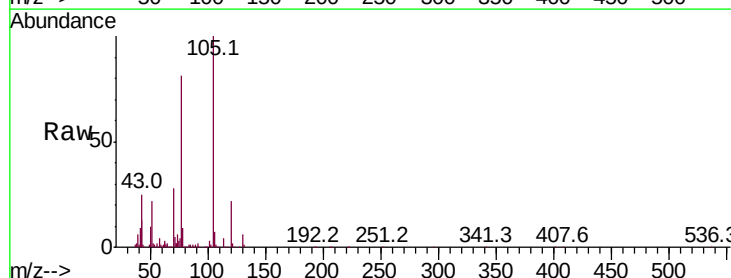
Instrument :
BNA_G
ClientSampleId :
PB128259BS

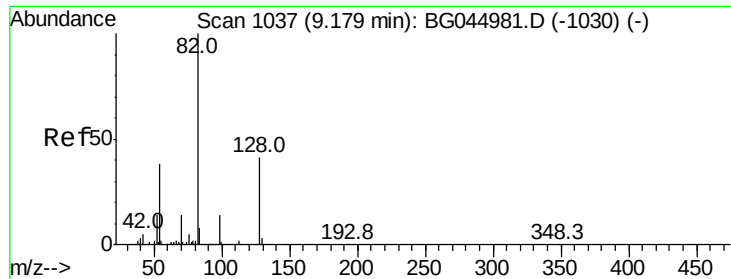
Tot Ion:136	Resp:	294876
Ion Ratio	Lower	Upper
136 100		
137 10.4	8.6	13.0
54 6.4	4.8	7.2
68 5.6	5.2	7.8



#22
Acetophenone
Concen: 45.047 ng
RT: 8.84 min Scan# 979
Delta R.T. -0.00 min
Lab File: BG045011.D
Acq: 16 Apr 2020 18:11

Tgt	Ion:105	Resp:	359216
Ion	Ratio	Lower	Upper
105	100		
71	4.9	3.3	4.9
51	21.9	17.3	25.9
120	22.1	18.4	27.6

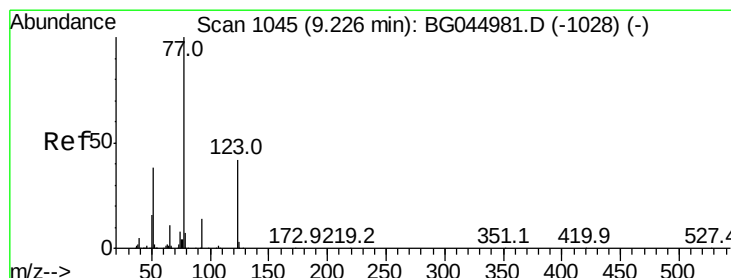
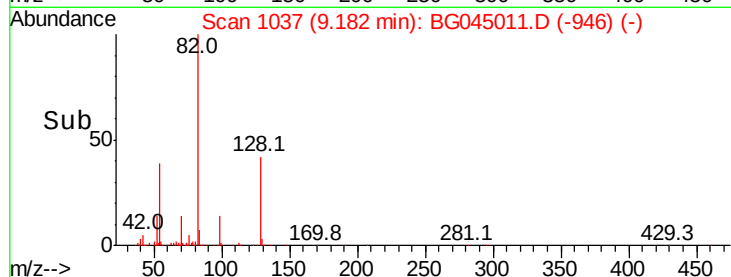
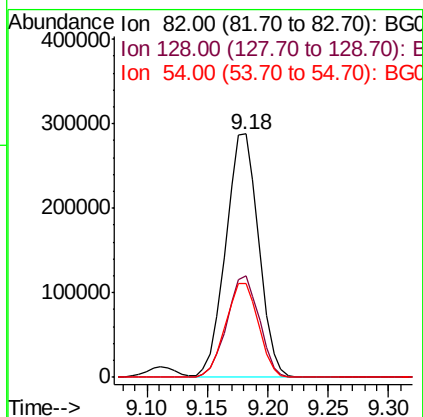
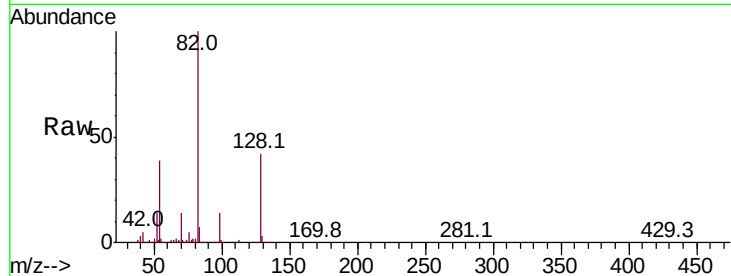




#23
 Nitrobenzene-d5
 Concen: 84.573 ng
 RT: 9.18 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: BG045011.D
 Acq: 16 Apr 2020 18:11

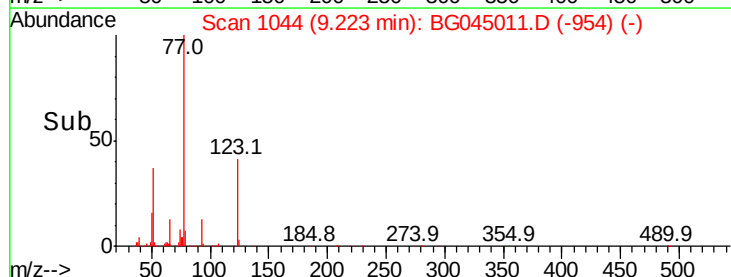
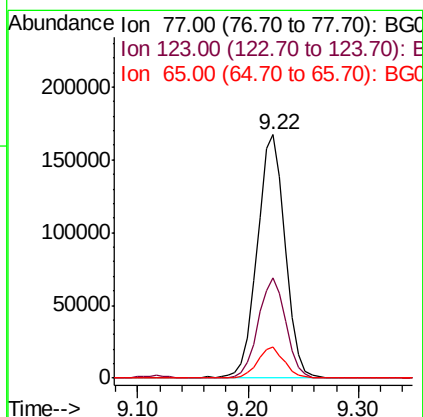
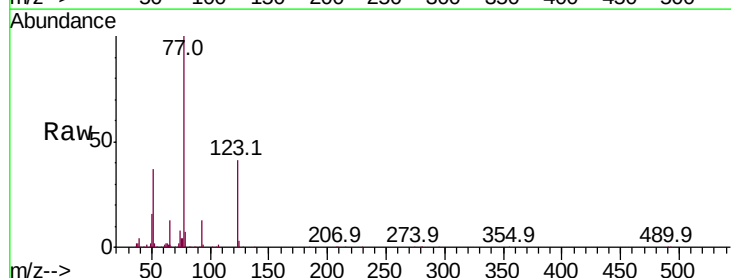
Instrument :
 BNA_G
 ClientSampleId :
 PB128259BS

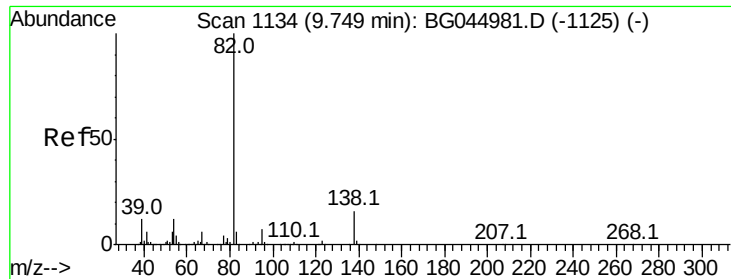
Tot Ion	Ratio	Lower	Upper
82	100		
128	41.7	33.0	49.4
54	38.6	30.4	45.6



#24
 Nitrobenzene
 Concen: 44.709 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: BG045011.D
 Acq: 16 Apr 2020 18:11

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.0	34.3	51.5
65	13.0	8.9	13.3

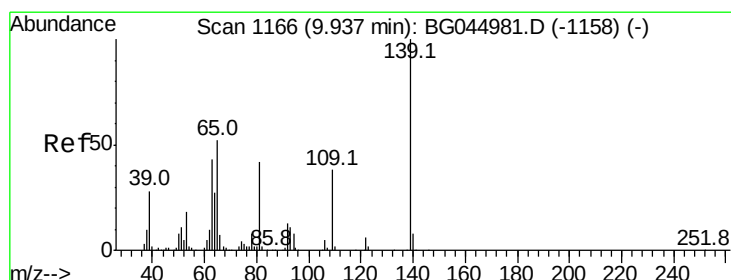
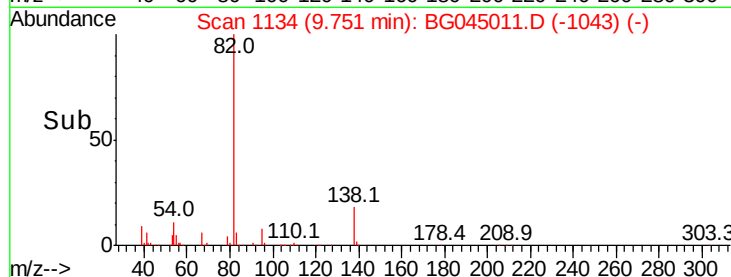
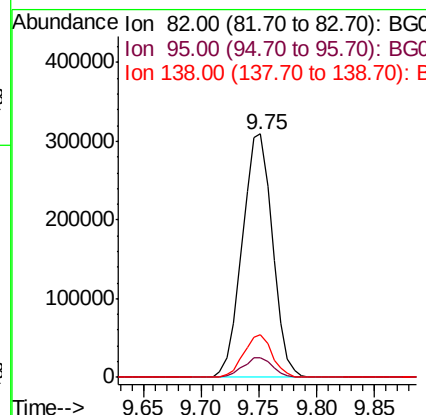
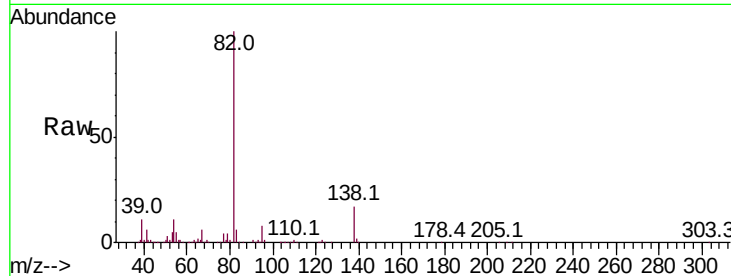




#25
Isophorone
Concen: 42.543 ng
RT: 9.75 min Scan# 1134
Delta R.T. 0.00 min
Lab File: BG045011.D
Acq: 16 Apr 2020 18:11

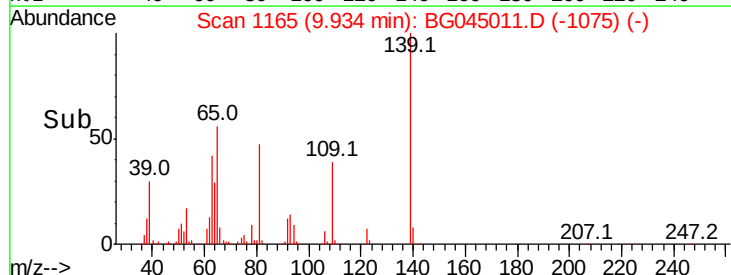
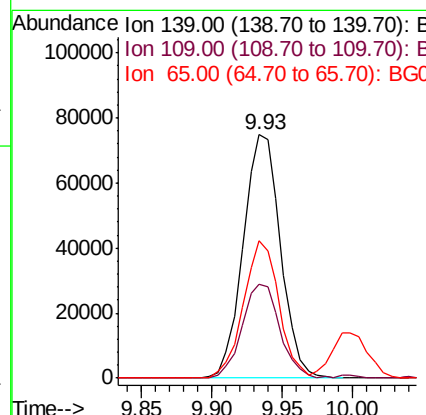
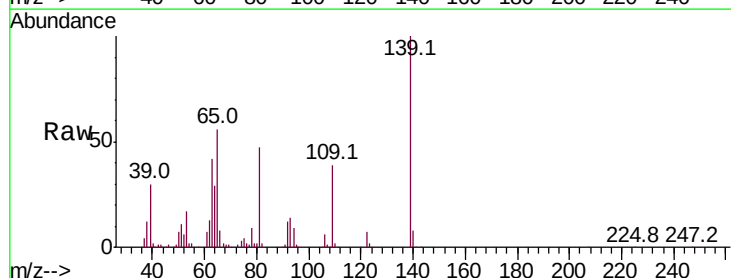
Instrument :
BNA_G
ClientSampleId :
PB128259BS

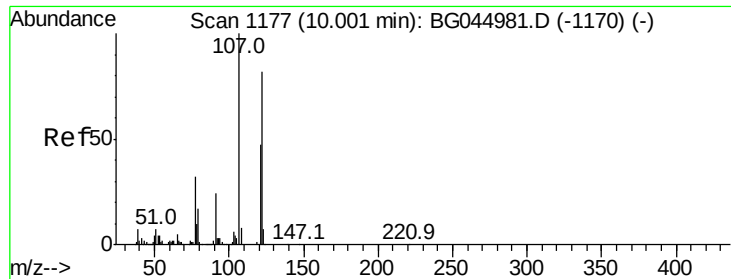
Tot Ion	Ratio	Lower	Upper
82	100		
95	8.2	6.0	9.0
138	17.4	12.7	19.1



#26
2-Nitrophenol
Concen: 48.361 ng
RT: 9.93 min Scan# 1165
Delta R.T. -0.00 min
Lab File: BG045011.D
Acq: 16 Apr 2020 18:11

Tgt Ion	Ratio	Lower	Upper
139	100		
109	38.6	30.6	45.8
65	56.4	41.8	62.6

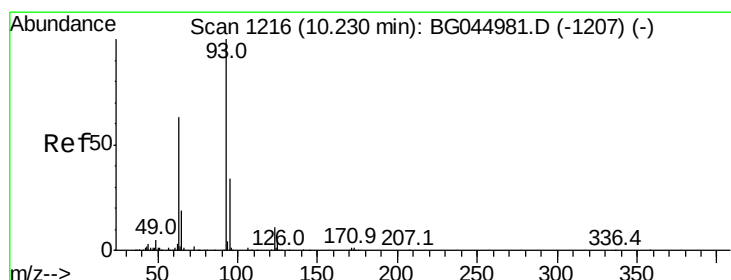
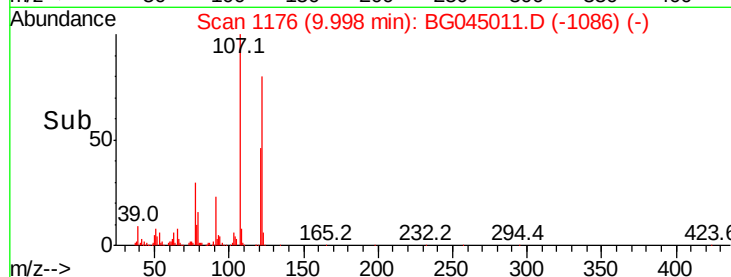
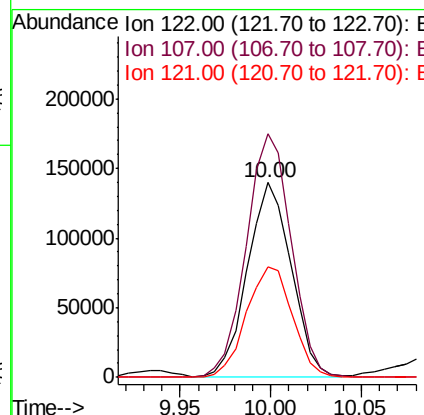
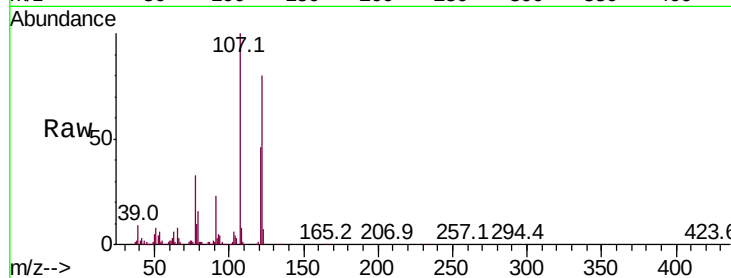




#27
 2,4-Dimethylphenol
 Concen: 51.935 ng
 RT: 10.00 min Scan# 1176
 Delta R.T. -0.00 min
 Lab File: BG045011.D
 Acq: 16 Apr 2020 18:11

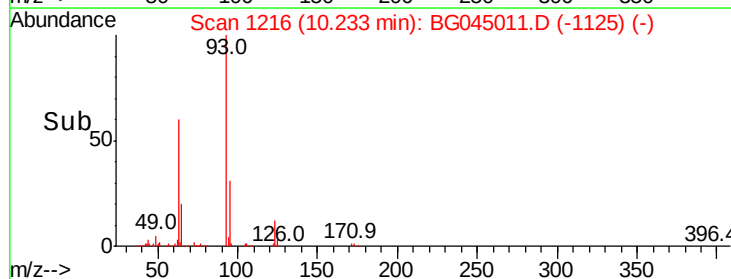
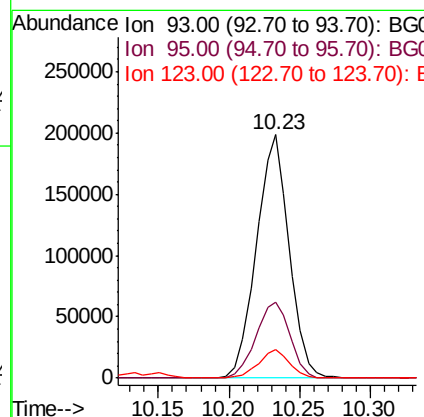
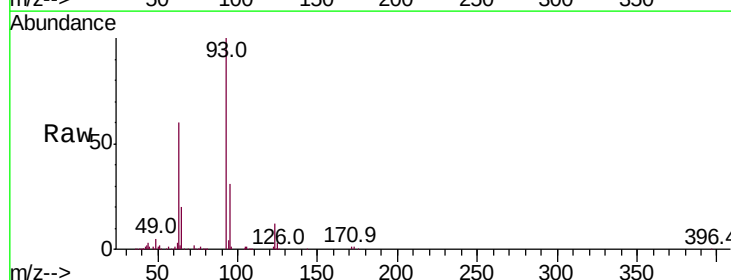
Instrument :
 BNA_G
 ClientSampleId :
 PB128259BS

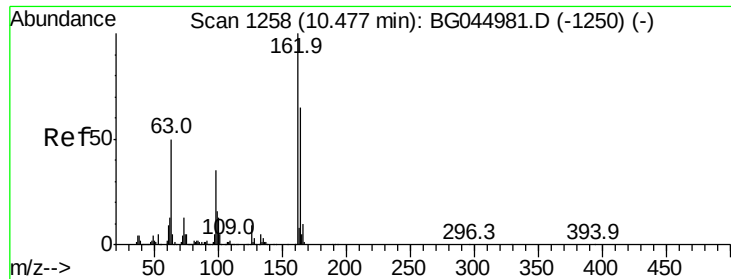
Tot Ion	Ratio	Lower	Upper
122	100		
107	125.1	96.8	145.2
121	57.1	45.6	68.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 46.231 ng
 RT: 10.23 min Scan# 1216
 Delta R.T. 0.00 min
 Lab File: BG045011.D
 Acq: 16 Apr 2020 18:11

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.4	27.0	40.4
123	11.7	8.7	13.1

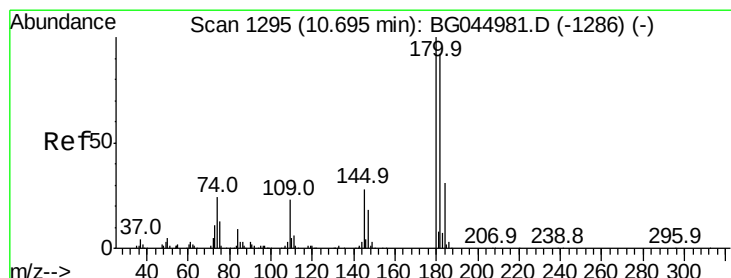
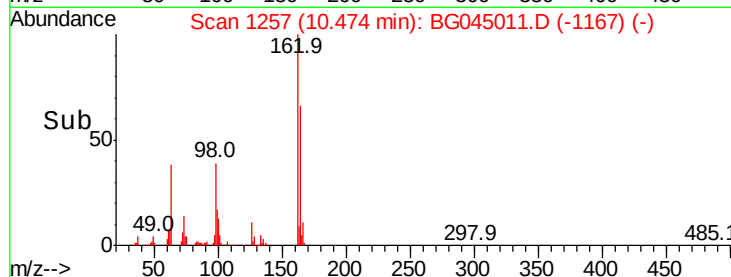
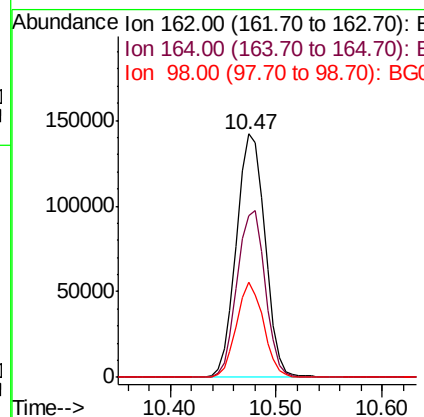
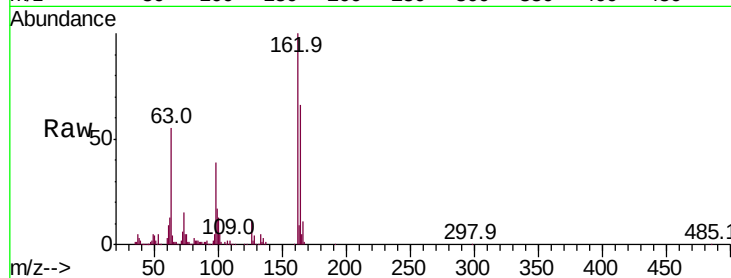




#29
 2,4-Dichlorophenol
 Concen: 50.893 ng
 RT: 10.47 min Scan# 1257
 Delta R.T. -0.00 min
 Lab File: BG045011.D
 Acq: 16 Apr 2020 18:11

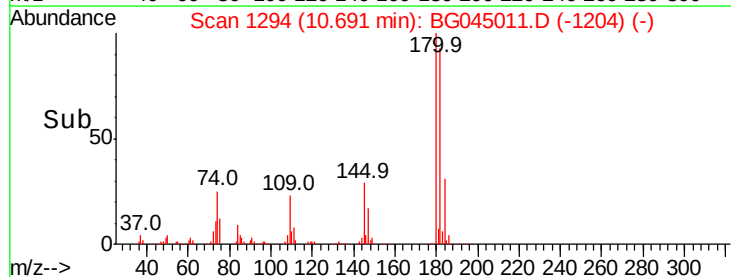
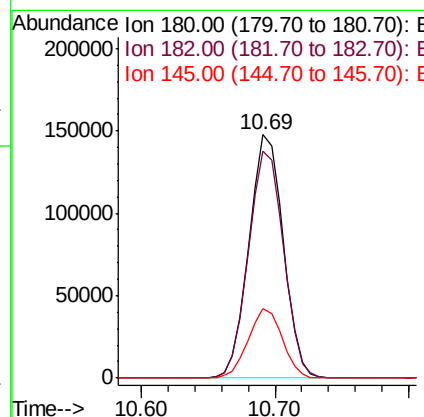
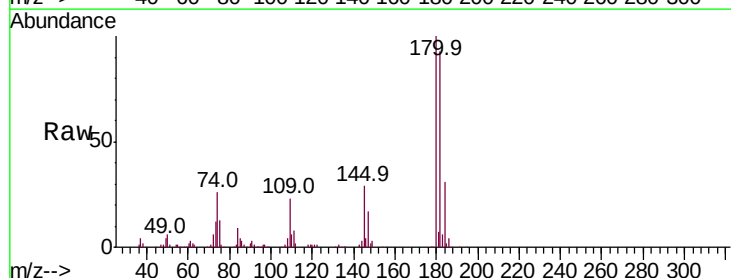
Instrument :
 BNA_G
 ClientSampleId :
 PB128259BS

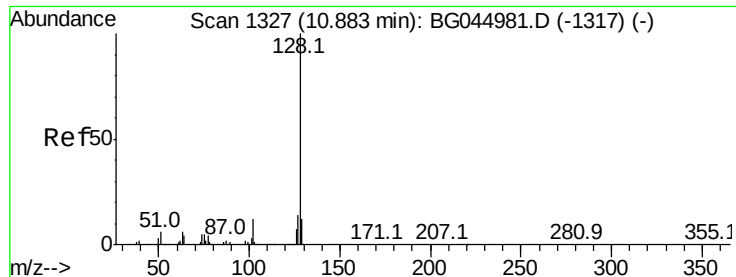
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.2	45.0	85.0
98	38.9	15.2	55.2



#30
 1,2,4-Trichlorobenzene
 Concen: 44.138 ng
 RT: 10.69 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: BG045011.D
 Acq: 16 Apr 2020 18:11

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.0	73.3	109.9
145	28.7	22.6	33.8

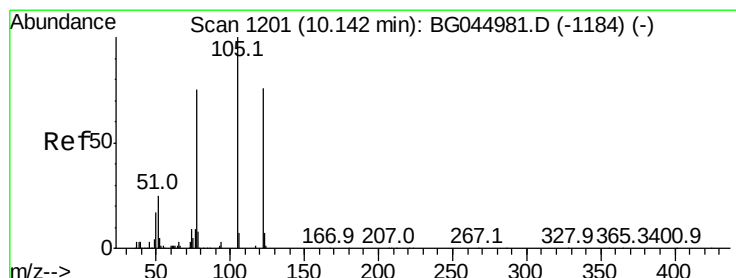
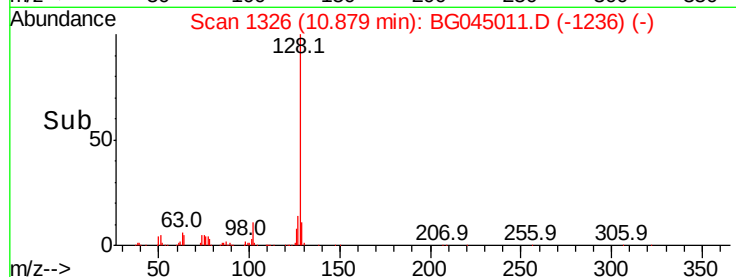
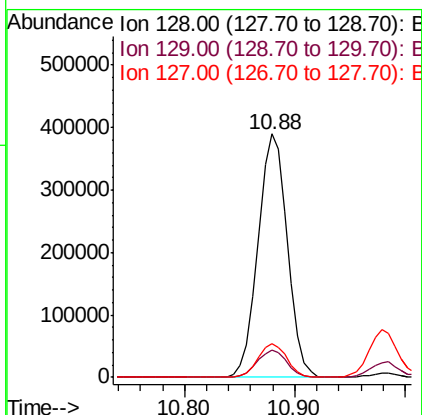
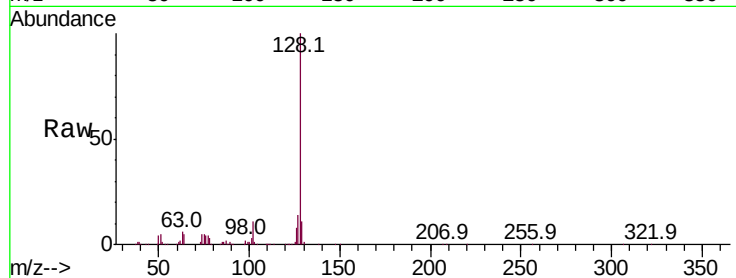




#31
Naphthalene
Concen: 44.886 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG045011.D
Acq: 16 Apr 2020 18:11

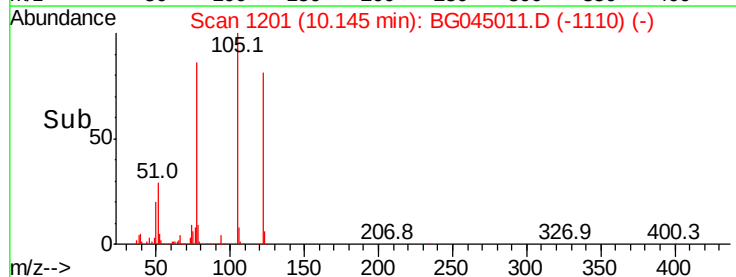
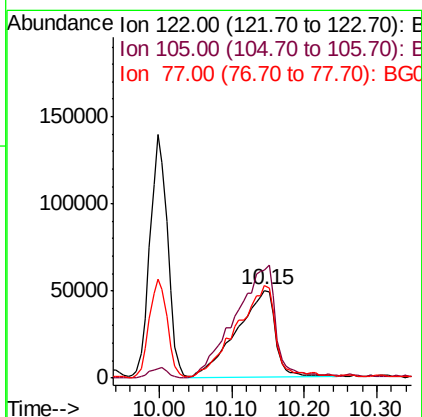
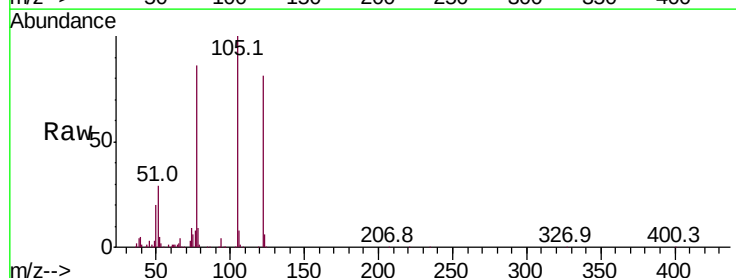
Instrument :
BNA_G
ClientSampleId :
PB128259BS

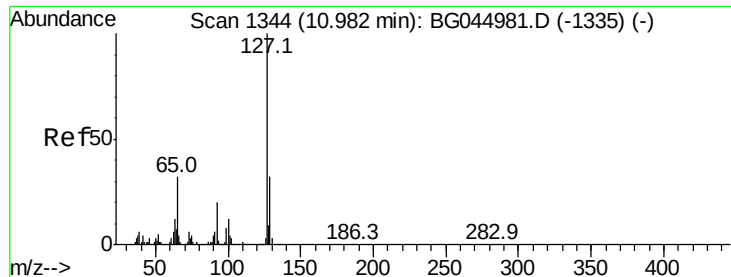
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.4	14.2
127	14.0	10.8	16.2



#32
Benzoic acid
Concen: 50.621 ng
RT: 10.15 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BG045011.D
Acq: 16 Apr 2020 18:11

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.0	108.4	148.4
77	105.6	78.8	118.8

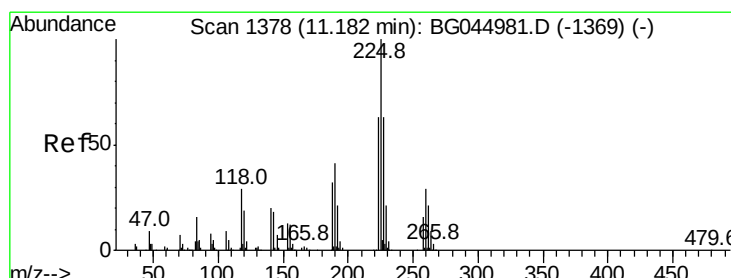
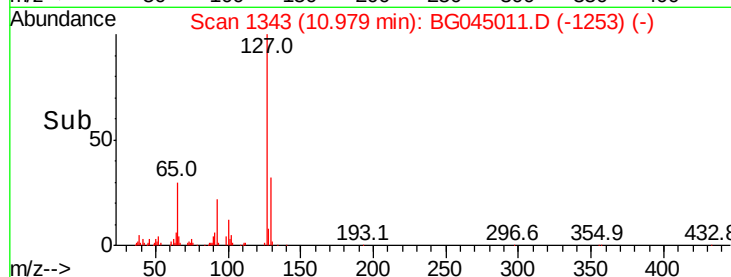
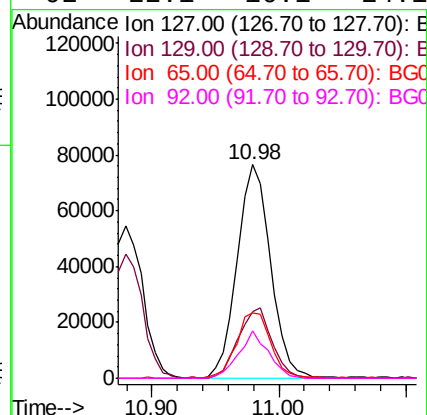
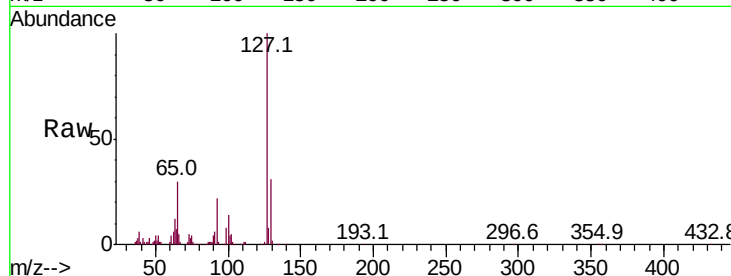




#33
4-Chloroaniline
Concen: 18.613 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BG045011.D
Acq: 16 Apr 2020 18:11

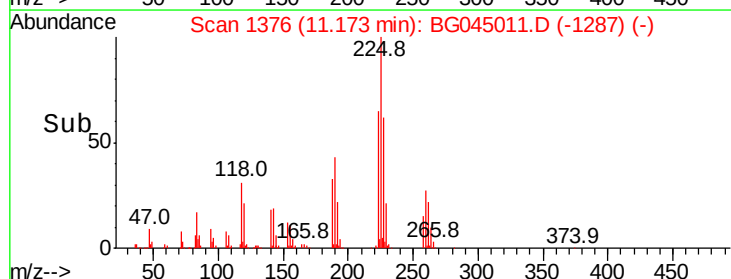
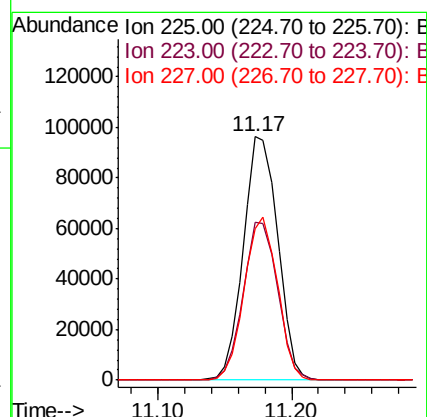
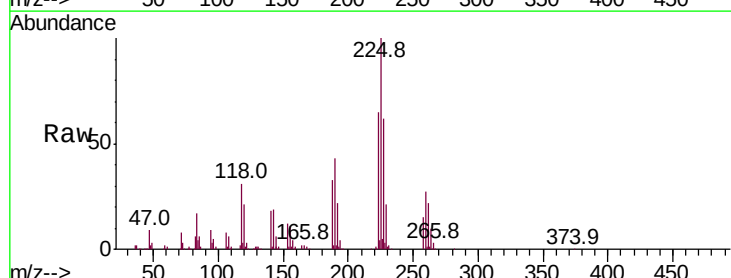
Instrument :
BNA_G
ClientSampleId :
PB128259BS

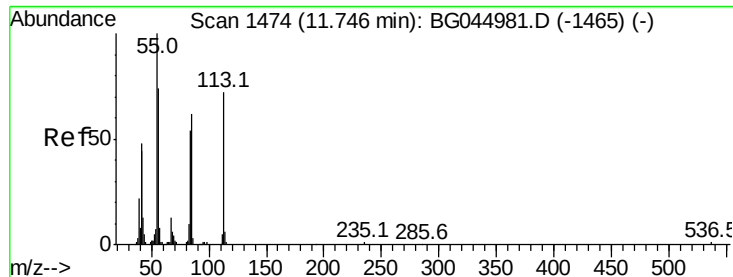
Tot Ion	Ratio	Lower	Upper
127	100		
129	31.4	25.7	38.5
65	30.4	25.4	38.2
92	22.1	16.1	24.1



#34
Hexachlorobutadiene
Concen: 42.234 ng
RT: 11.17 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BG045011.D
Acq: 16 Apr 2020 18:11

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.7	50.7	76.1
227	62.4	50.2	75.2





#35

Caprolactam

Concen: 27.072 ng

RT: 11.74 min Scan# 1473

Delta R.T. -0.00 min

Lab File: BG045011.D

Acq: 16 Apr 2020 18:11

Instrument :

BNA_G

ClientSampleId :

PB128259BS

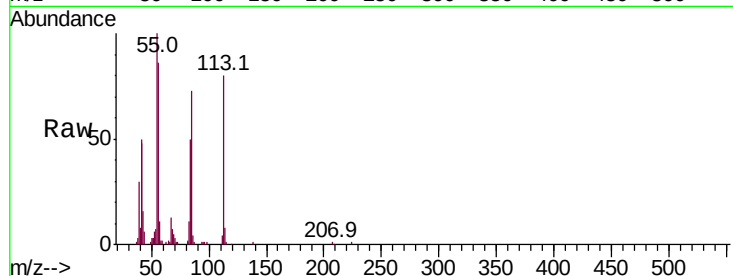
Tot Ion:113 Resp: 56328

Ion Ratio Lower Upper

113 100

55 125.3 118.8 158.8

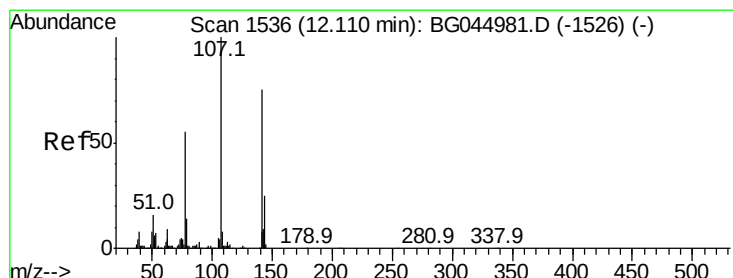
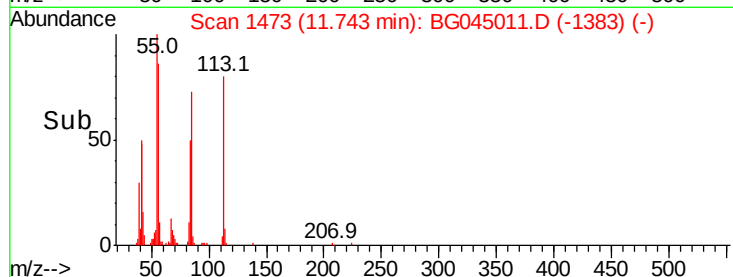
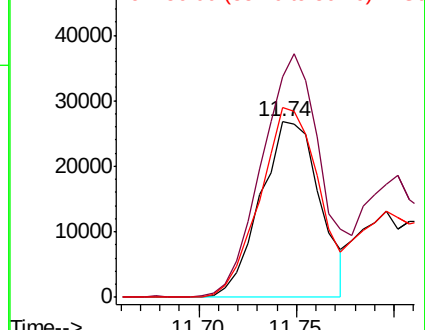
56 107.8 82.6 122.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 51.962 ng

RT: 12.11 min Scan# 1535

Delta R.T. -0.00 min

Lab File: BG045011.D

Acq: 16 Apr 2020 18:11

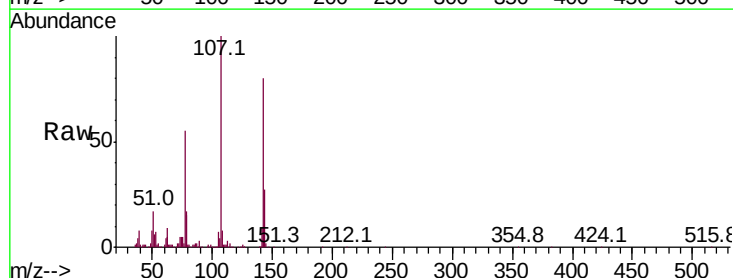
Tgt Ion:107 Resp: 319119

Ion Ratio Lower Upper

107 100

144 27.4 19.8 29.6

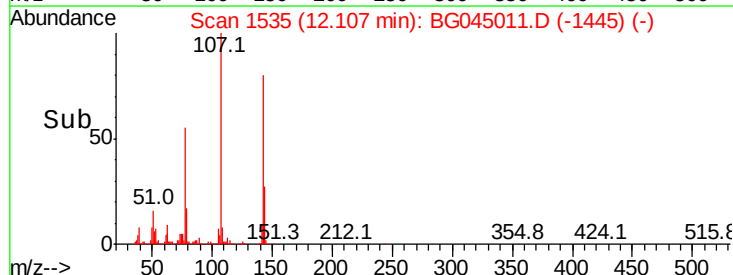
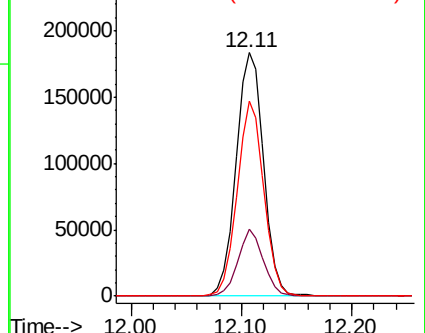
142 80.3 59.7 89.5

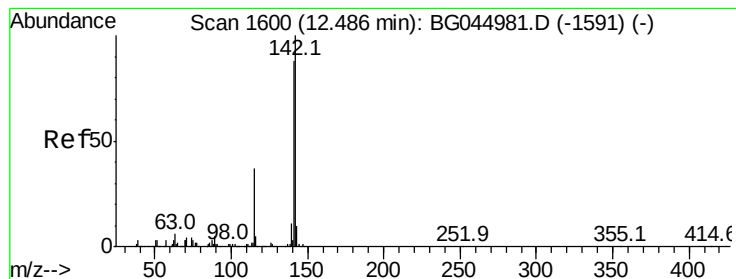


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 46.216 ng

RT: 12.49 min Scan# 1600

Delta R.T. 0.00 min

Lab File: BG045011.D

Acq: 16 Apr 2020 18:11

Instrument :

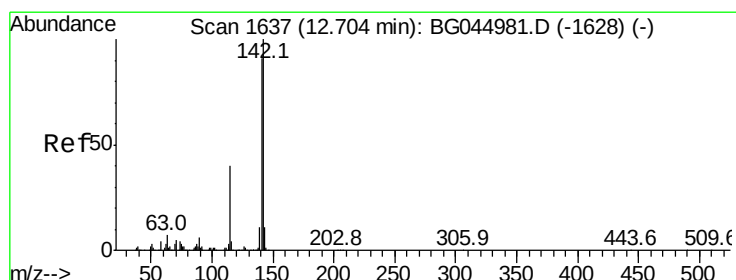
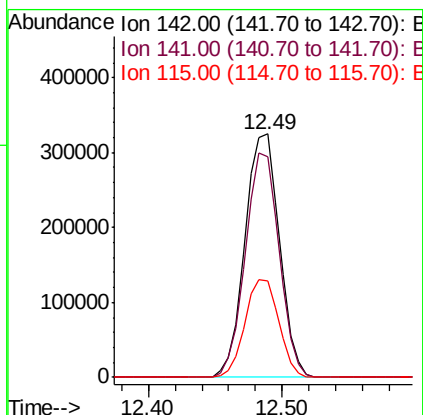
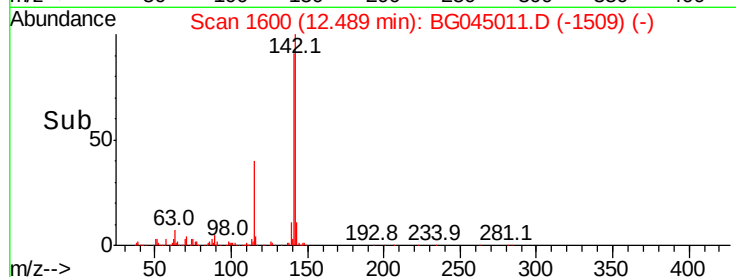
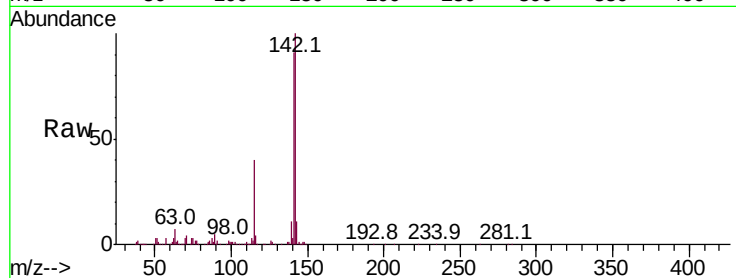
BNA_G

ClientSampleId :

PB128259BS

Tot Ion:142 Resp: 578659

Ion	Ratio	Lower	Upper
142	100		
141	90.5	70.3	105.5
115	39.5	29.8	44.6



#38

1-Methylnaphthalene

Concen: 47.000 ng

RT: 12.71 min Scan# 1637

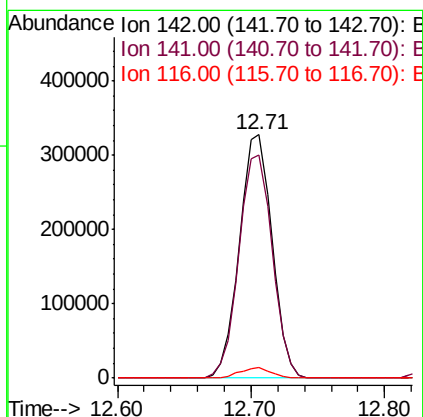
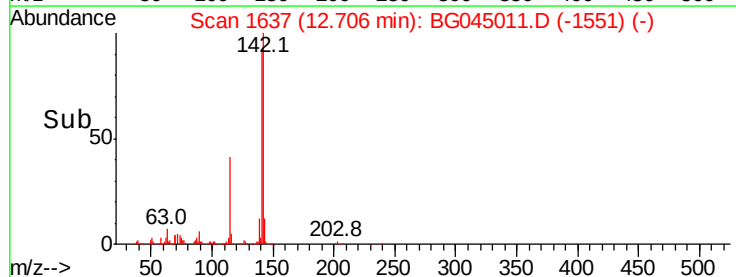
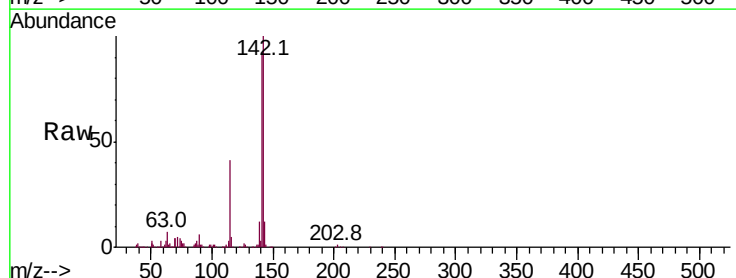
Delta R.T. 0.00 min

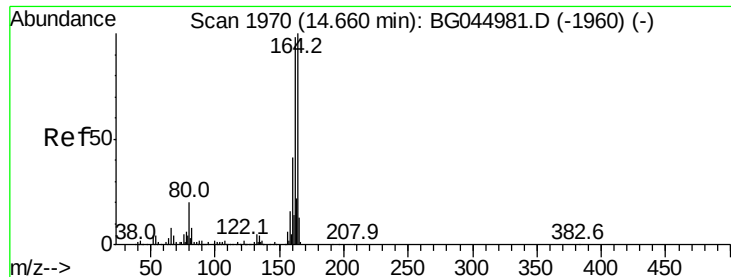
Lab File: BG045011.D

Acq: 16 Apr 2020 18:11

Tgt Ion:142 Resp: 555540

Ion	Ratio	Lower	Upper
142	100		
141	91.9	72.7	109.1
116	4.5	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1969

Delta R.T. -0.00 min

Lab File: BG045011.D

Acq: 16 Apr 2020 18:11

Instrument :

BNA_G

ClientSampleId :

PB128259BS

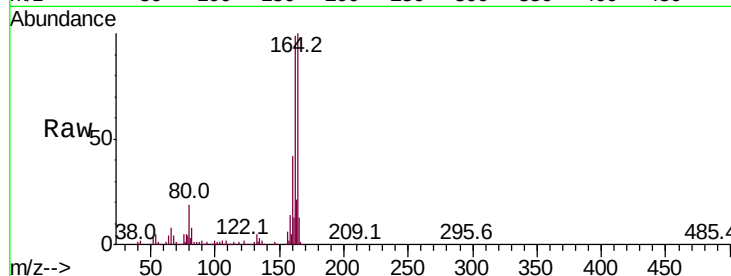
Tot Ion:164 Resp: 230360

Ion Ratio Lower Upper

164 100

162 98.8 78.7 118.1

160 41.8 32.8 49.2

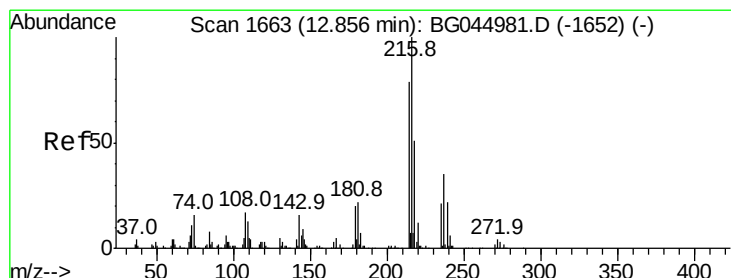
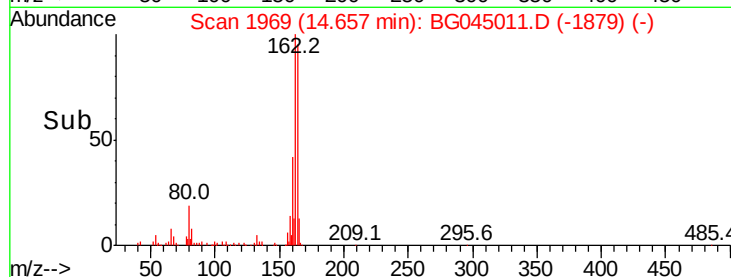
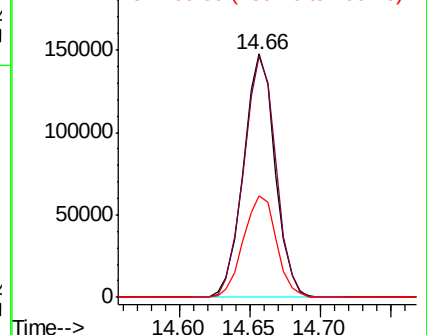


Abundance

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: 42.537 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.00 min

Lab File: BG045011.D

Acq: 16 Apr 2020 18:11

Tgt Ion:216 Resp: 315497

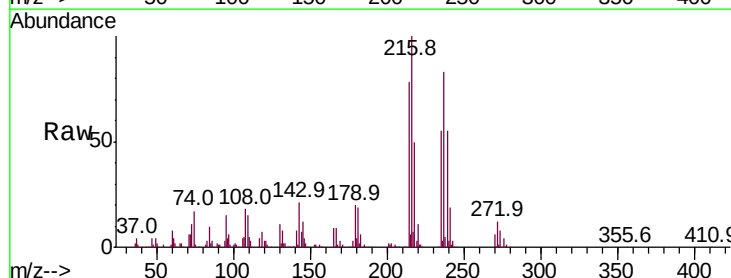
Ion Ratio Lower Upper

216 100

214 78.5 63.0 94.6

179 20.4 15.8 23.8

108 19.4 14.2 21.2



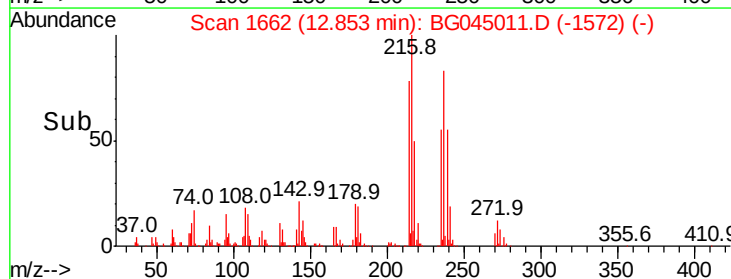
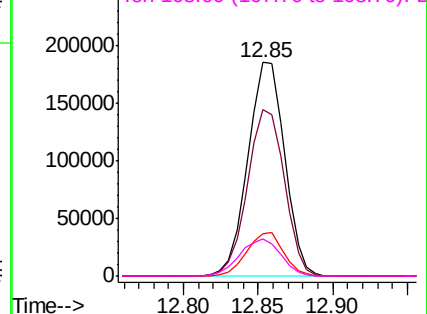
Abundance

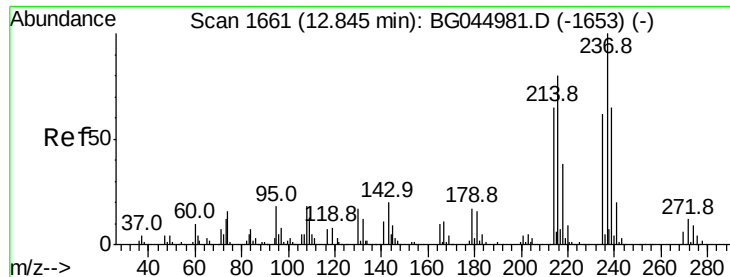
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 93.315 ng

RT: 12.84 min Scan# 1660

Delta R.T. -0.00 min

Lab File: BG045011.D

Acq: 16 Apr 2020 18:11

Instrument :

BNA_G

ClientSampleId :

PB128259BS

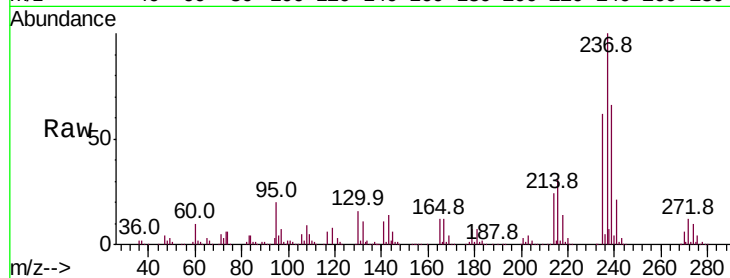
Tot Ion:237 Resp: 432585

Ion Ratio Lower Upper

237 100

235 61.9 41.6 81.6

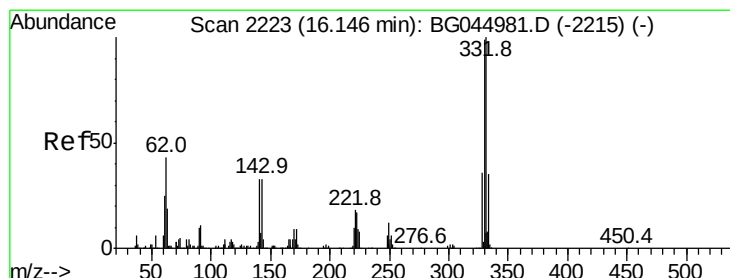
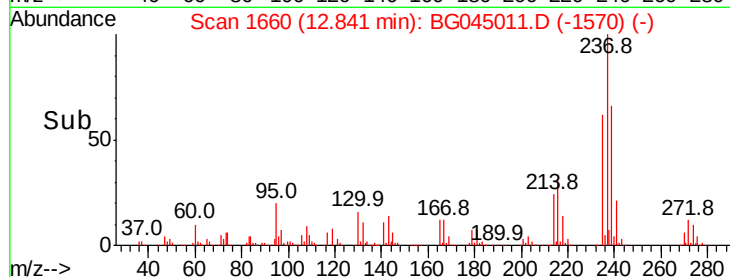
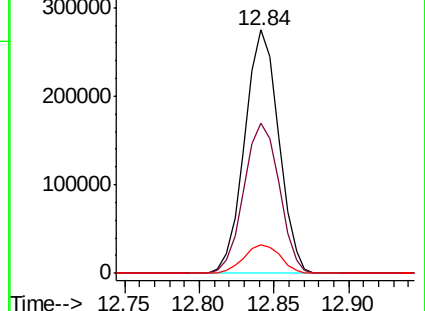
272 11.6 0.0 32.1



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: 134.035 ng

RT: 16.15 min Scan# 2223

Delta R.T. 0.00 min

Lab File: BG045011.D

Acq: 16 Apr 2020 18:11

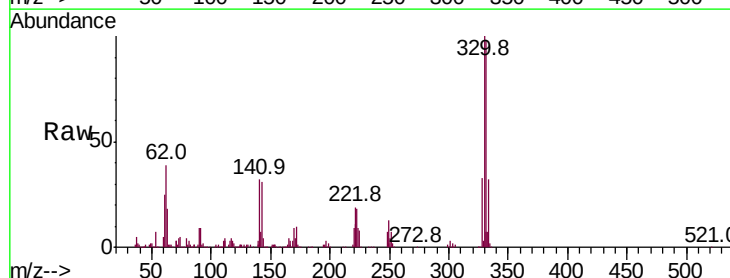
Tgt Ion:330 Resp: 477000

Ion Ratio Lower Upper

330 100

332 98.3 79.1 118.7

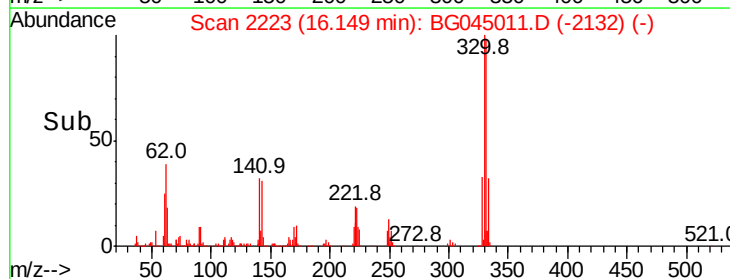
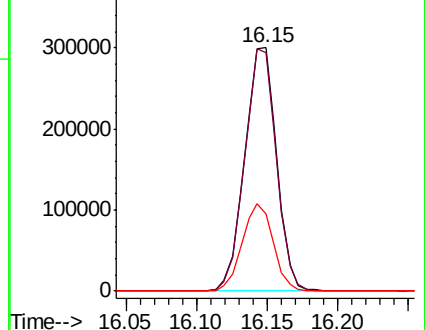
141 34.8 27.1 40.7

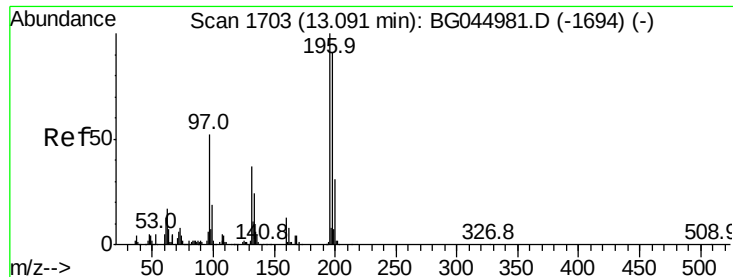


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

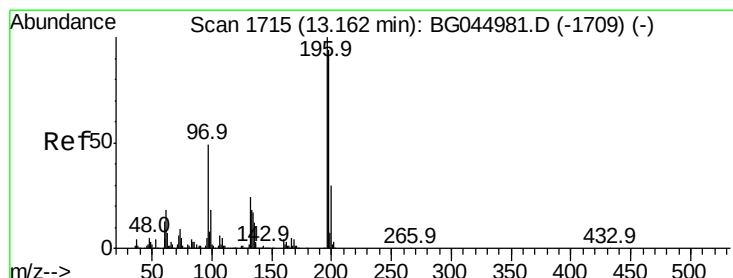
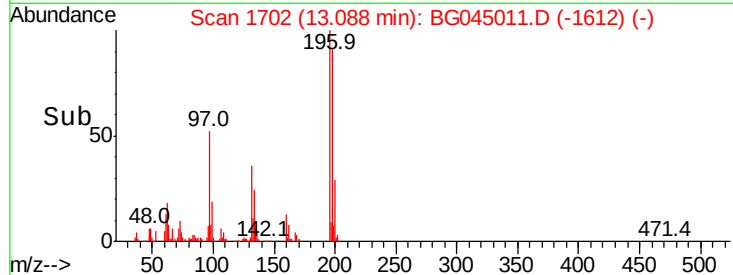
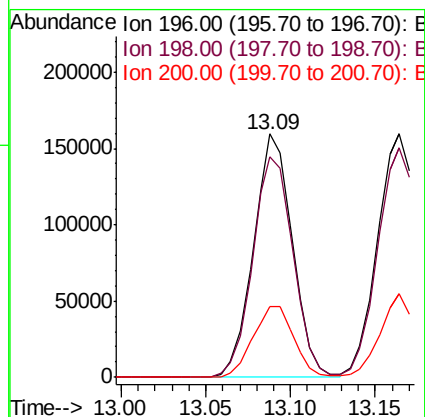
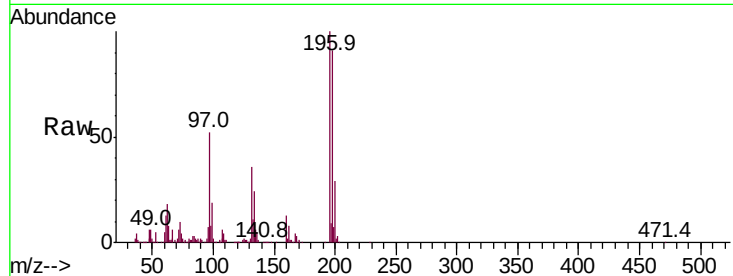




#43
 2,4,6-Trichlorophenol
 Concen: 48.726 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. -0.00 min
 Lab File: BG045011.D
 Acq: 16 Apr 2020 18:11

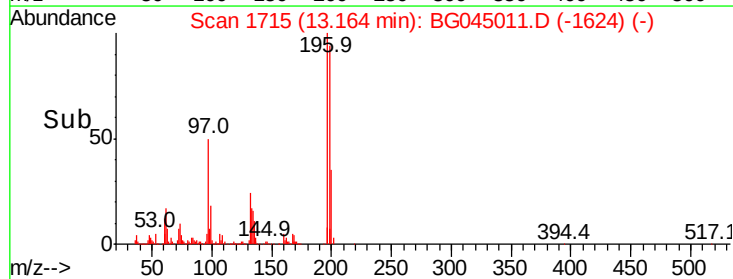
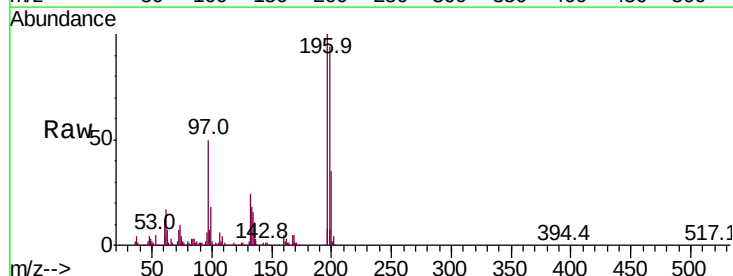
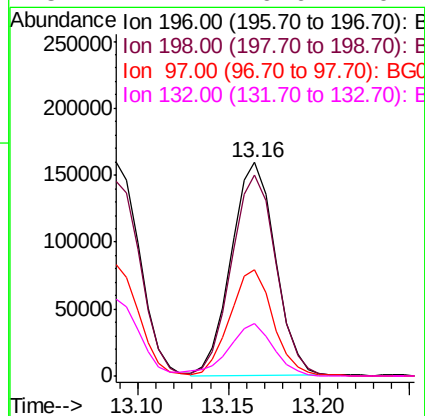
Instrument :
 BNA_G
 ClientSampleId :
 PB128259BS

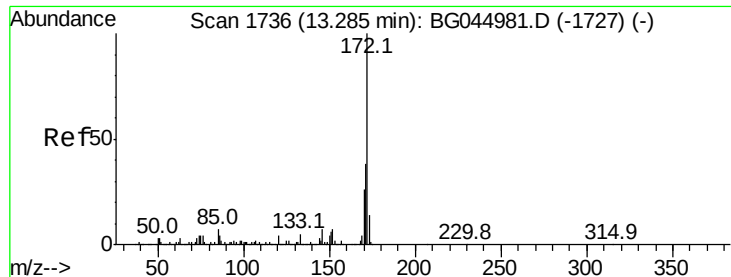
Tot Ion	Ratio	Lower	Upper
196	100		
198	90.8	72.5	108.7
200	29.1	24.5	36.7



#44
 2,4,5-Trichlorophenol
 Concen: 45.169 ng
 RT: 13.16 min Scan# 1715
 Delta R.T. 0.00 min
 Lab File: BG045011.D
 Acq: 16 Apr 2020 18:11

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.2	75.7	113.5
97	50.0	39.6	59.4
132	24.4	19.6	29.4

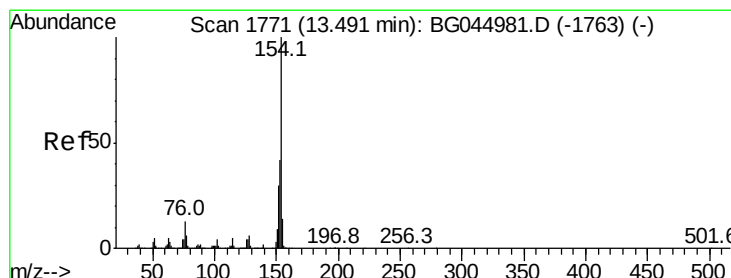
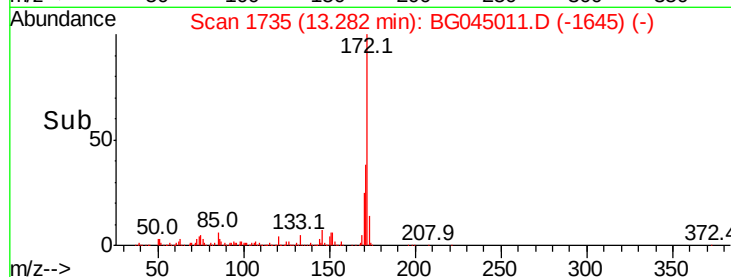
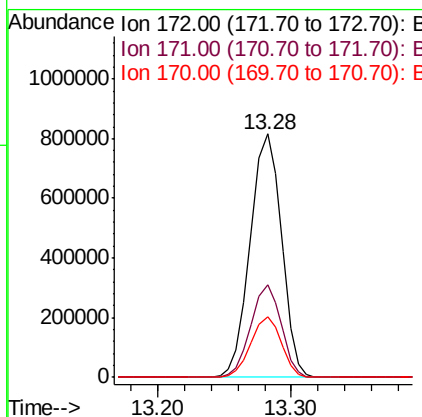
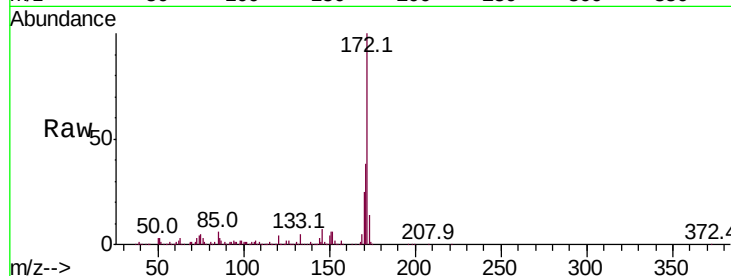




#45
2-Fluorobiphenyl
Concen: 84.030 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.00 min
Lab File: BG045011.D
Acq: 16 Apr 2020 18:11

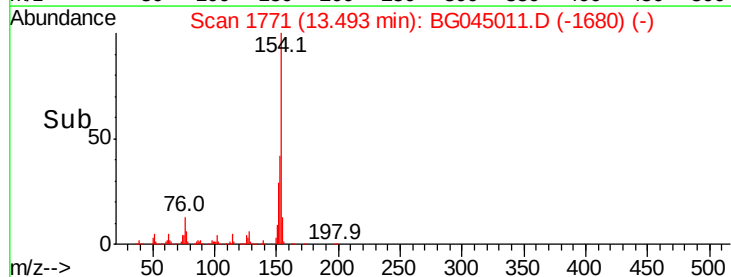
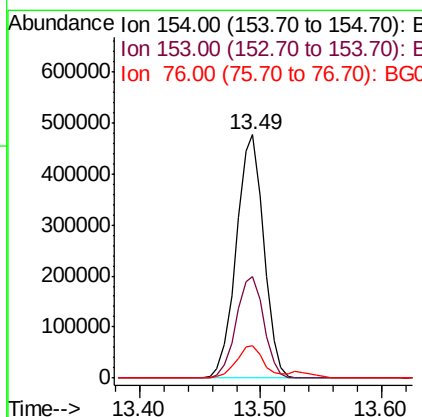
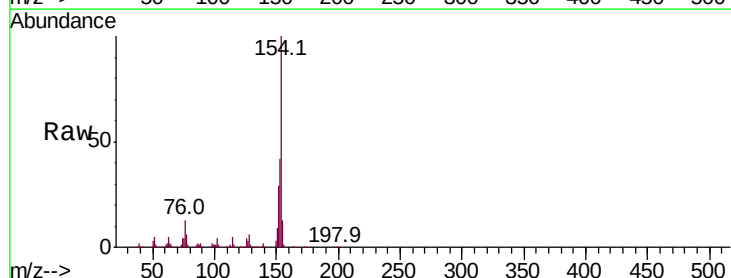
Instrument :
BNA_G
ClientSampleId :
PB128259BS

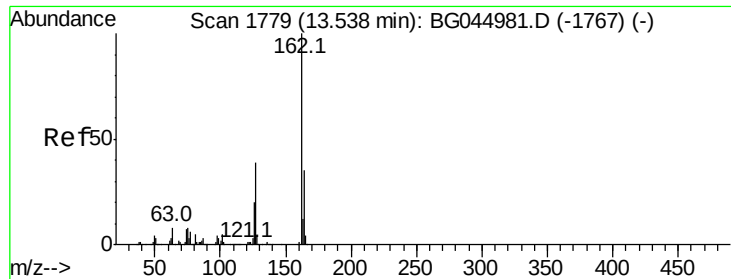
Tot Ion:172 Resp: 1320112
Ion Ratio Lower Upper
172 100
171 37.9 30.6 46.0
170 24.7 20.5 30.7



#46
1,1'-Biphenyl
Concen: 43.026 ng
RT: 13.49 min Scan# 1771
Delta R.T. 0.00 min
Lab File: BG045011.D
Acq: 16 Apr 2020 18:11

Tgt Ion:154 Resp: 753336
Ion Ratio Lower Upper
154 100
153 41.6 21.9 61.9
76 13.4 0.0 33.1





#47

2-Chloronaphthalene

Concen: 44.224 ng

RT: 13.53 min Scan# 1778

Delta R.T. -0.00 min

Lab File: BG045011.D

Acq: 16 Apr 2020 18:11

Instrument :

BNA_G

ClientSampleId :

PB128259BS

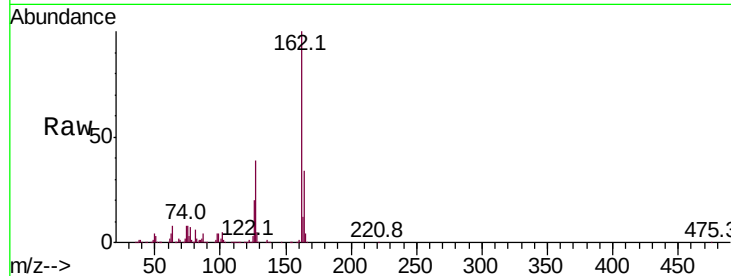
Tot Ion:162 Resp: 591662

Ion Ratio Lower Upper

162 100

127 39.2 31.3 46.9

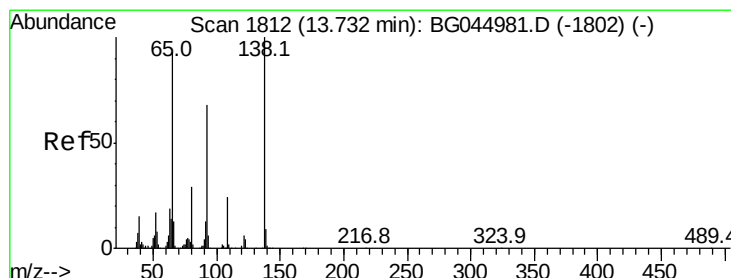
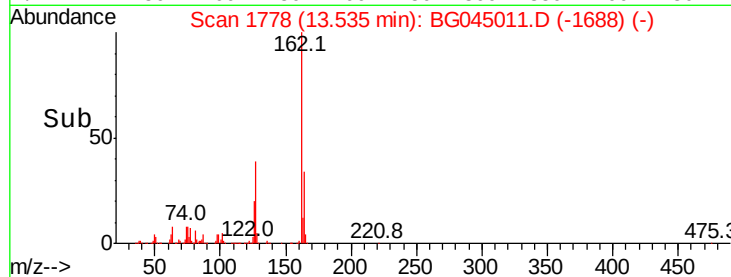
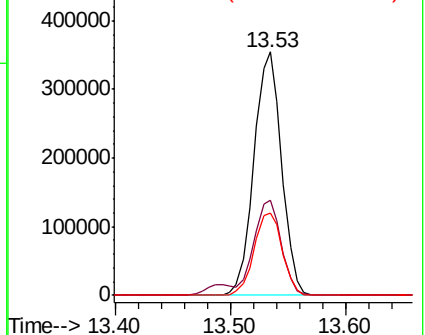
164 34.0 27.8 41.8



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: 46.250 ng

RT: 13.73 min Scan# 1811

Delta R.T. -0.00 min

Lab File: BG045011.D

Acq: 16 Apr 2020 18:11

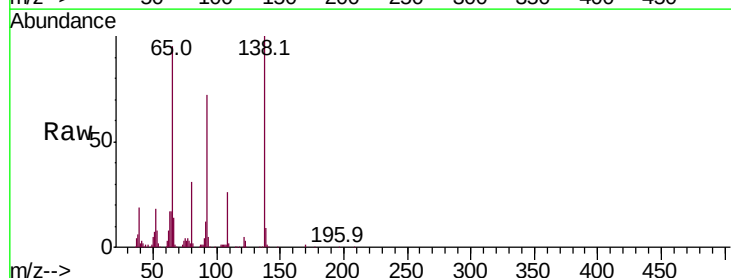
Tgt Ion: 65 Resp: 203582

Ion Ratio Lower Upper

65 100

92 75.7 58.3 87.5

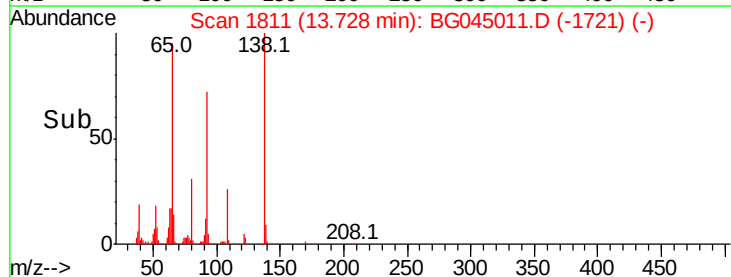
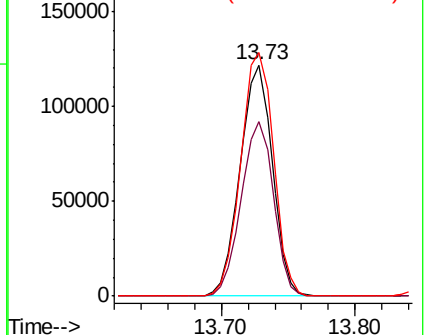
138 105.2 85.6 128.4

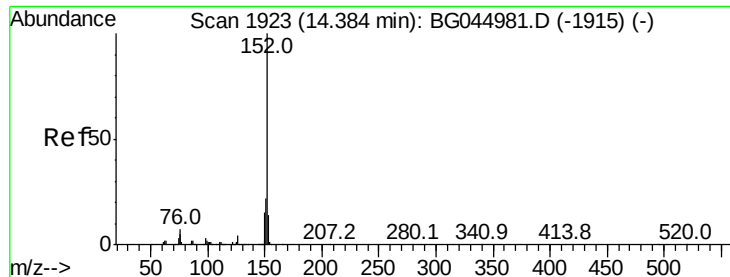


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 45.188 ng

RT: 14.38 min Scan# 1922

Delta R.T. -0.00 min

Lab File: BG045011.D

Acq: 16 Apr 2020 18:11

Instrument :

BNA_G

ClientSampleId :

PB128259BS

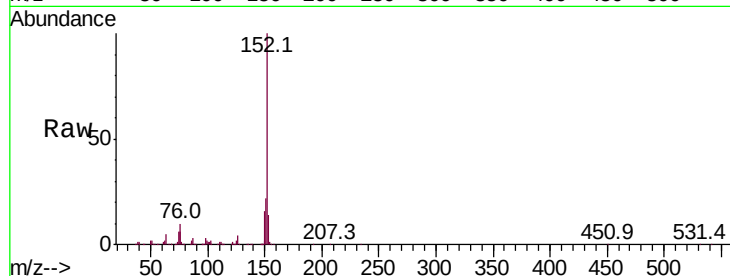
Tot Ion:152 Resp: 984731

Ion Ratio Lower Upper

152 100

151 22.4 17.2 25.8

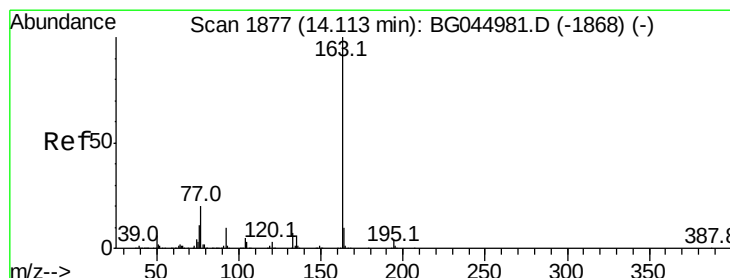
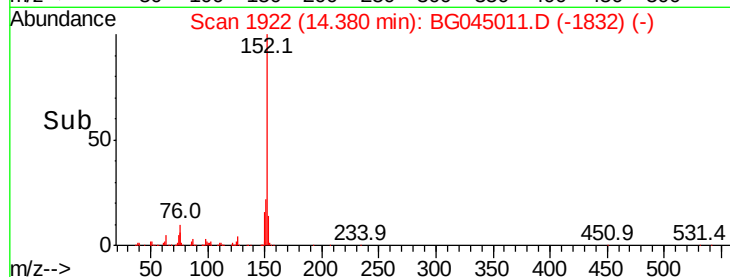
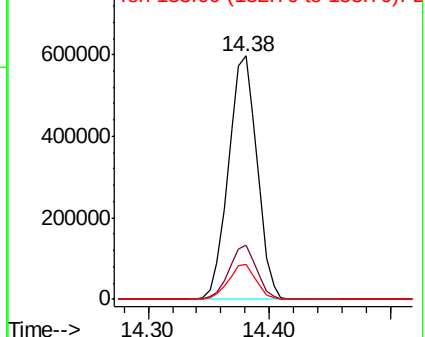
153 14.3 11.0 16.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 44.791 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.00 min

Lab File: BG045011.D

Acq: 16 Apr 2020 18:11

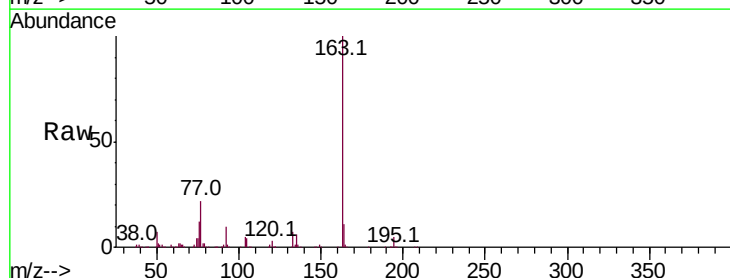
Tgt Ion:163 Resp: 840136

Ion Ratio Lower Upper

163 100

194 4.9 3.5 5.3

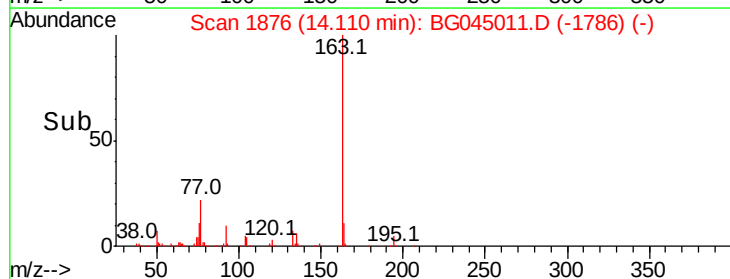
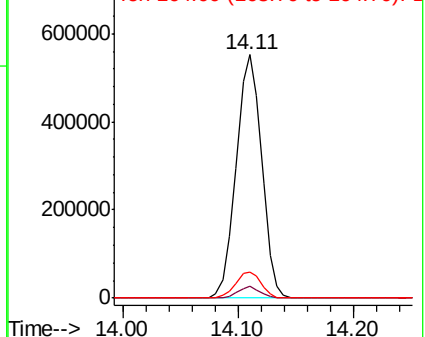
164 10.8 8.2 12.4

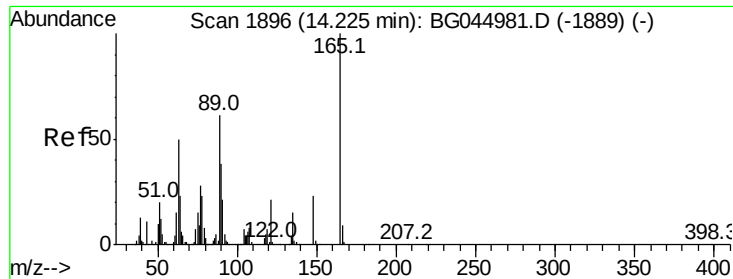


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

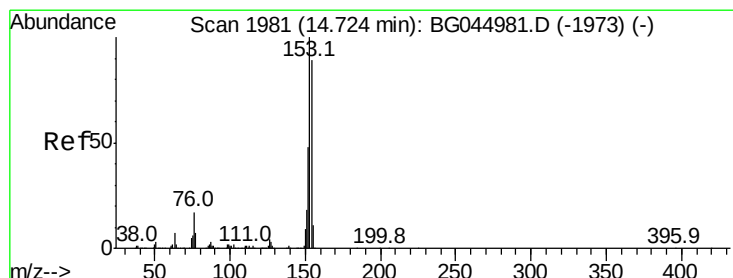
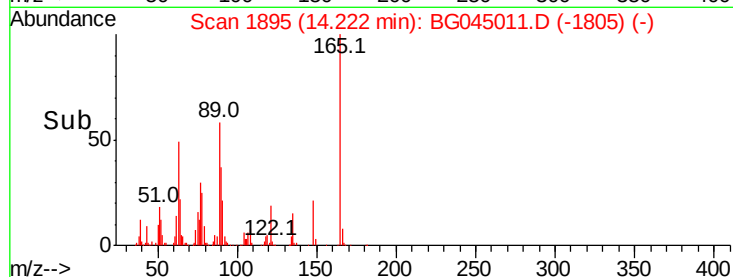
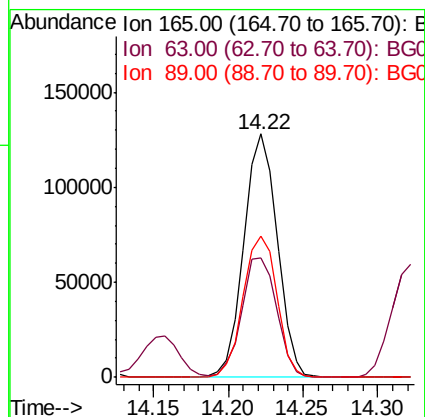
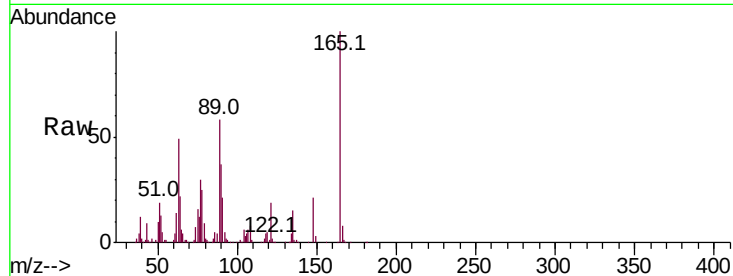




#51
 2,6-Dinitrotoluene
 Concen: 47.319 ng
 RT: 14.22 min Scan# 1895
 Delta R.T. -0.00 min
 Lab File: BG045011.D
 Acq: 16 Apr 2020 18:11

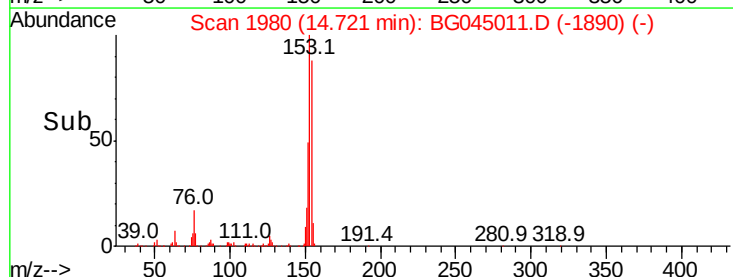
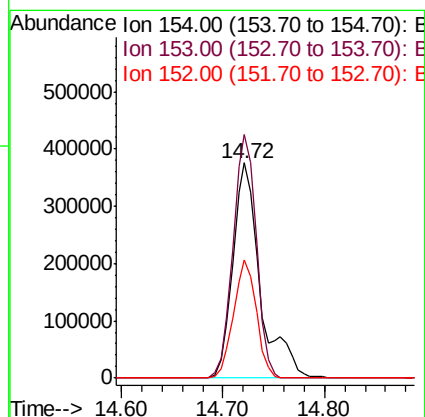
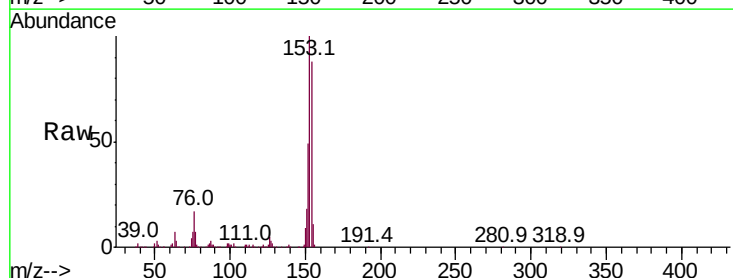
Instrument :
 BNA_G
 ClientSampleId :
 PB128259BS

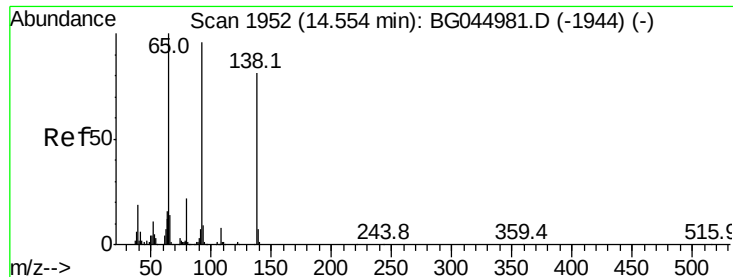
Tot Ion:165 Resp: 198521
 Ion Ratio Lower Upper
 165 100
 63 49.2 40.4 60.6
 89 58.0 49.1 73.7



#52
 Acenaphthene
 Concen: 47.792 ng
 RT: 14.72 min Scan# 1980
 Delta R.T. -0.00 min
 Lab File: BG045011.D
 Acq: 16 Apr 2020 18:11

Tgt Ion:154 Resp: 704661
 Ion Ratio Lower Upper
 154 100
 153 113.3 89.7 134.5
 152 55.1 43.1 64.7





#53

3-Nitroaniline

Concen: 25.794 ng

RT: 14.55 min Scan# 1951

Delta R.T. -0.00 min

Lab File: BG045011.D

Acq: 16 Apr 2020 18:11

Instrument :

BNA_G

ClientSampleId :

PB128259BS

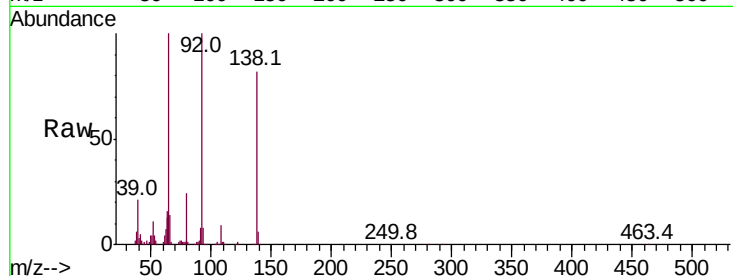
Tot Ion:138 Resp: 118688

Ion Ratio Lower Upper

138 100

108 11.1 7.8 11.8

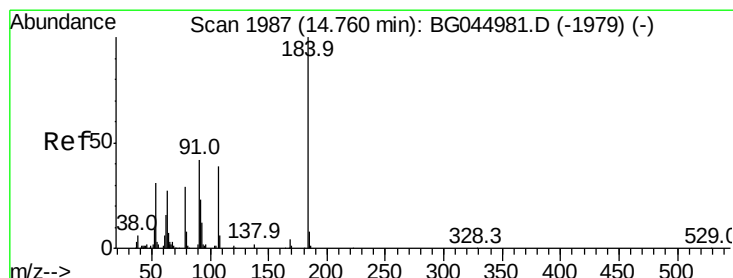
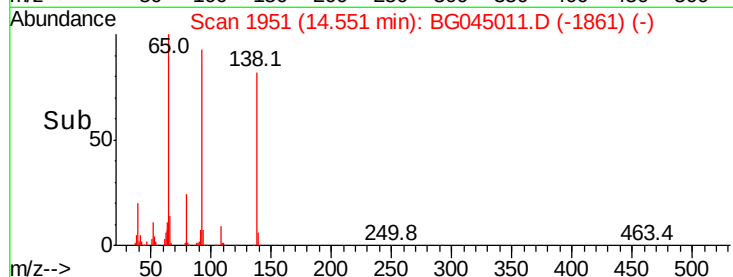
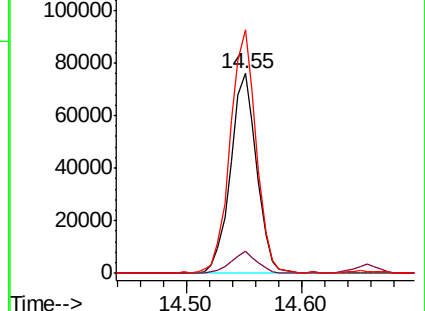
92 122.0 94.5 141.7



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 69.265 ng

RT: 14.76 min Scan# 1986

Delta R.T. -0.00 min

Lab File: BG045011.D

Acq: 16 Apr 2020 18:11

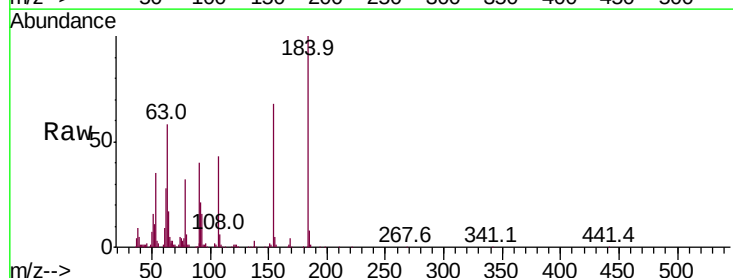
Tgt Ion:184 Resp: 172796

Ion Ratio Lower Upper

184 100

63 58.4 41.5 62.3

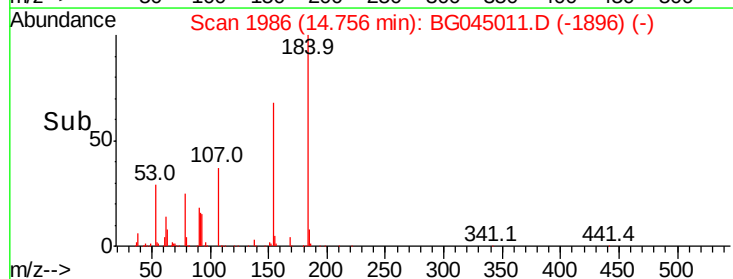
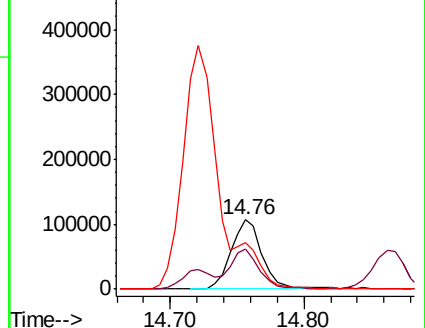
154 67.8 52.3 78.5

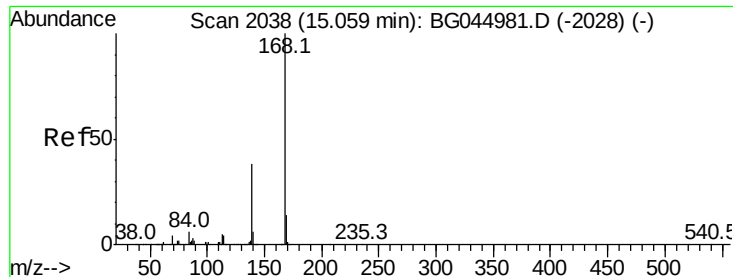


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

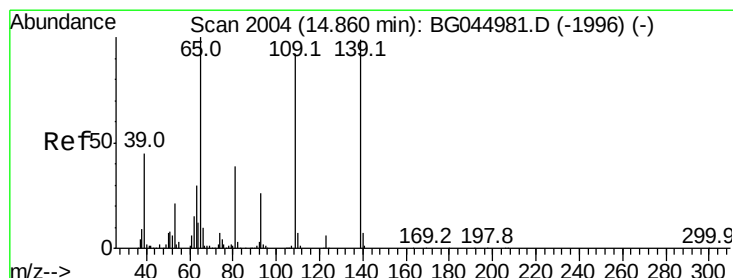
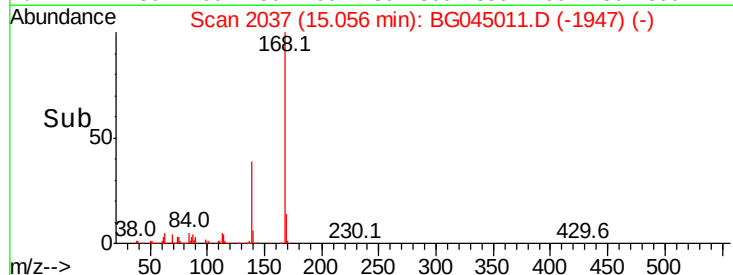
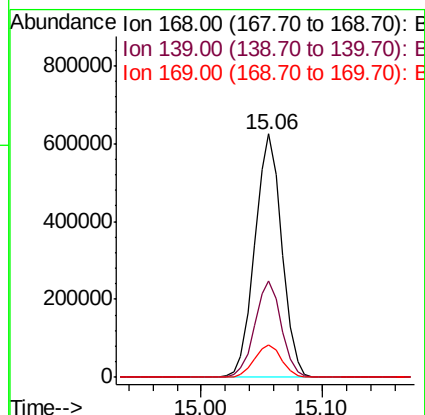
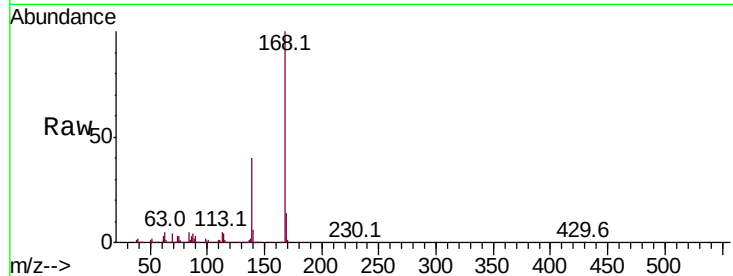




#55
Dibenzenofuran
Concen: 45.063 ng
RT: 15.06 min Scan# 2037
Delta R.T. -0.00 min
Lab File: BG045011.D
Acq: 16 Apr 2020 18:11

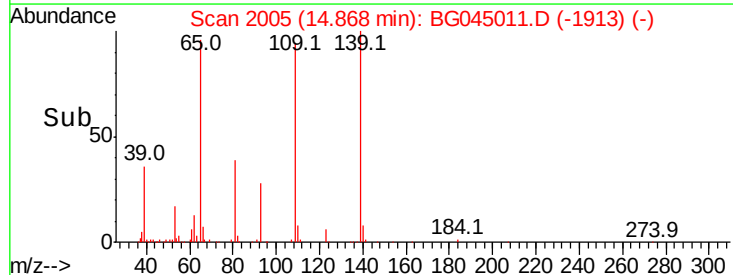
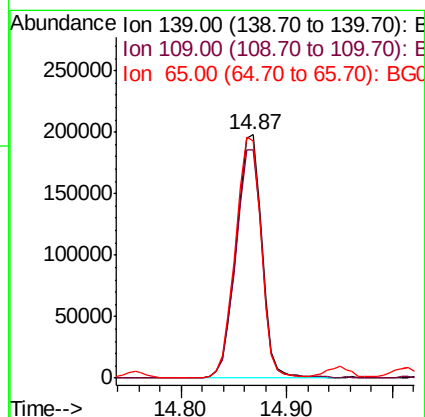
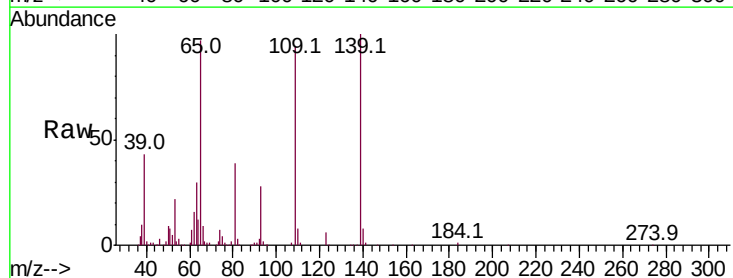
Instrument :
BNA_G
ClientSampleId :
PB128259BS

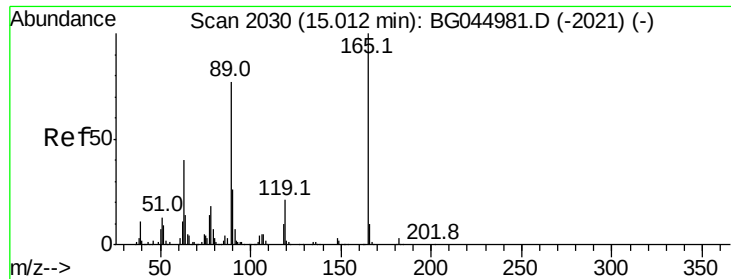
Tot Ion	Ratio	Lower	Upper
168	100		
139	39.5	30.4	45.6
169	13.6	11.0	16.4



#56
4-Nitrophenol
Concen: 92.919 ng
RT: 14.87 min Scan# 2005
Delta R.T. 0.01 min
Lab File: BG045011.D
Acq: 16 Apr 2020 18:11

Tgt Ion	Ratio	Lower	Upper
139	100		
109	93.5	73.6	113.6
65	97.3	81.2	121.2

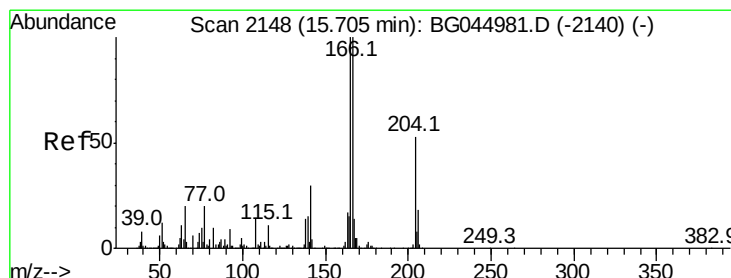
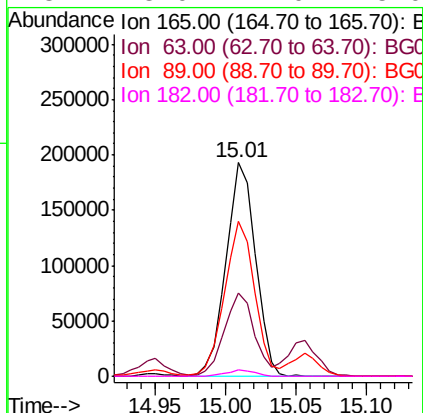
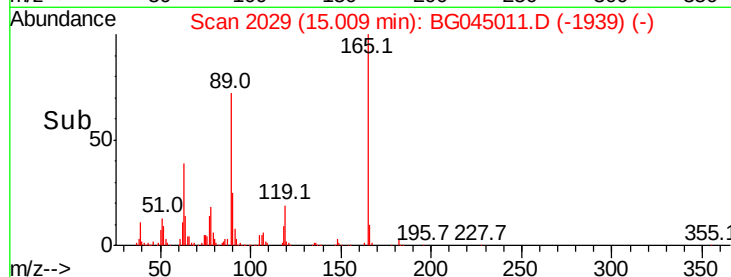
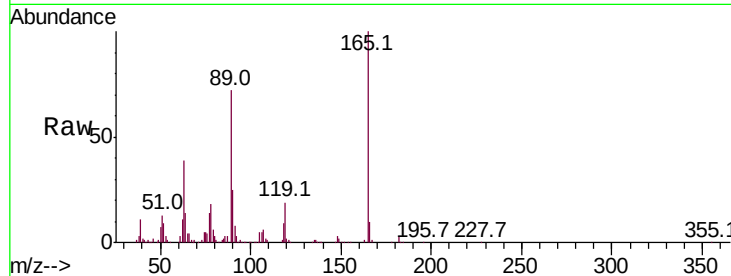




#57
2,4-Dinitrotoluene
Concen: 45.858 ng
RT: 15.01 min Scan# 2029
Delta R.T. -0.00 min
Lab File: BG045011.D
Acq: 16 Apr 2020 18:11

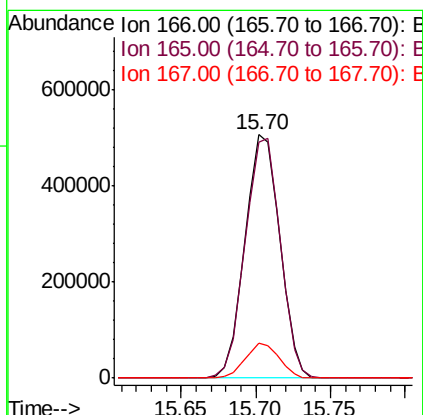
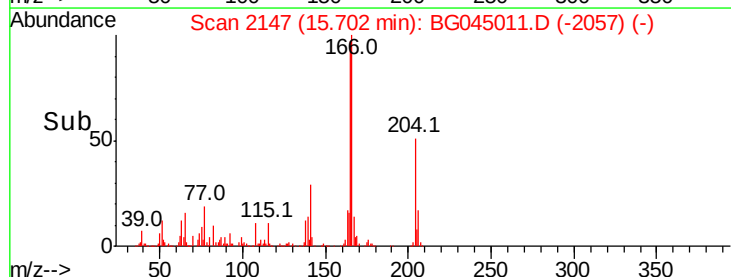
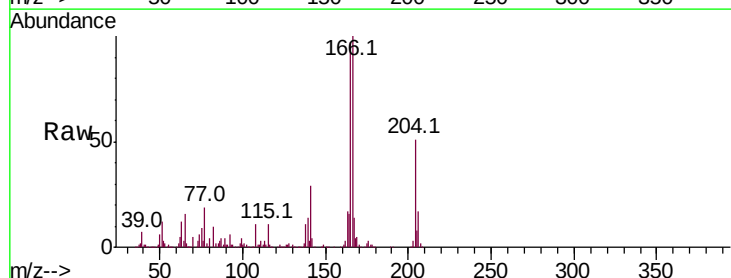
Instrument :
BNA_G
ClientSampleId :
PB128259BS

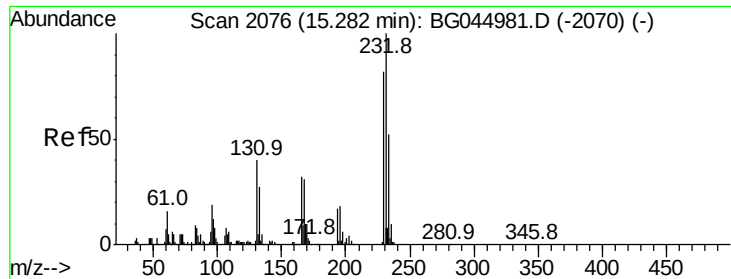
Tot Ion:165 Resp: 281164
Ion Ratio Lower Upper
165 100
63 38.8 32.2 48.2
89 72.4 61.7 92.5
182 3.0 2.0 3.0



#58
Fluorene
Concen: 46.616 ng
RT: 15.70 min Scan# 2147
Delta R.T. -0.00 min
Lab File: BG045011.D
Acq: 16 Apr 2020 18:11

Tgt Ion:166 Resp: 818505
Ion Ratio Lower Upper
166 100
165 96.7 79.9 119.9
167 14.3 11.4 17.0

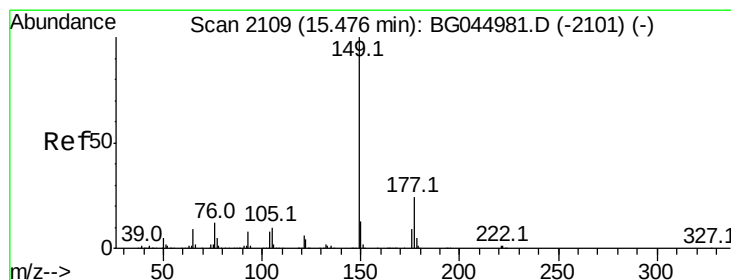
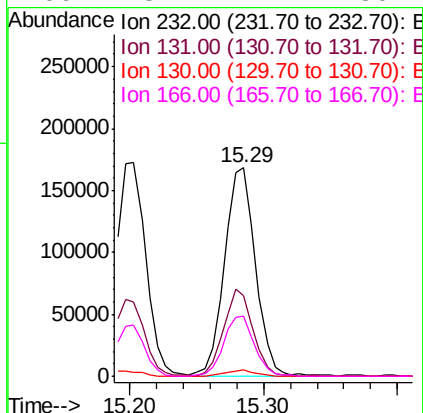
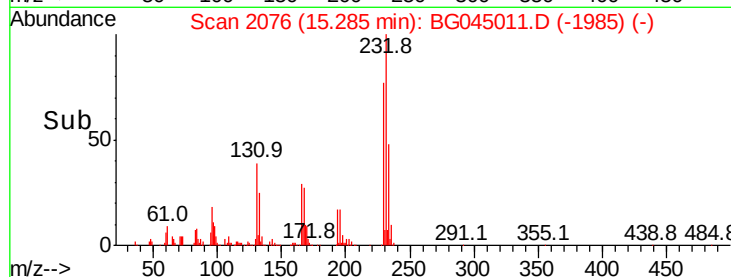
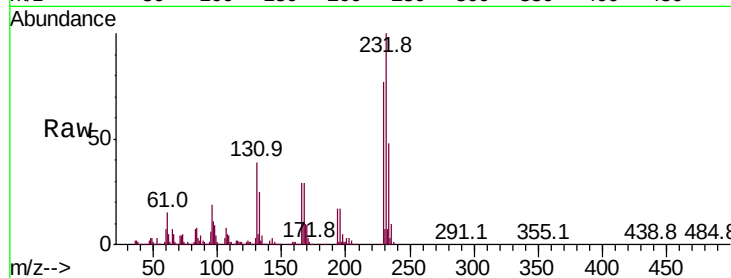




#59
2,3,4,6-Tetrachlorophenol
Concen: 51.288 ng
RT: 15.29 min Scan# 2076
Delta R.T. 0.00 min
Lab File: BG045011.D
Acq: 16 Apr 2020 18:11

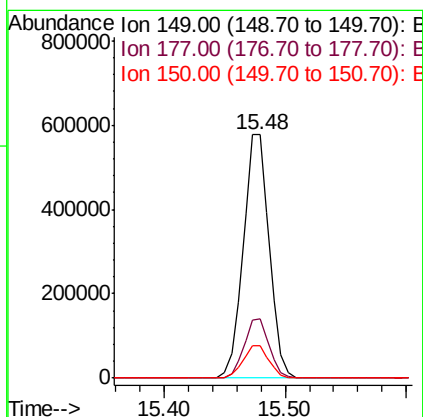
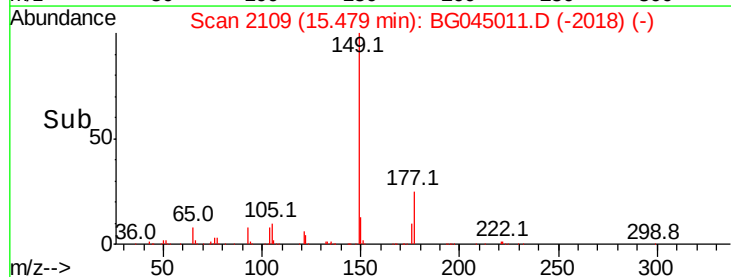
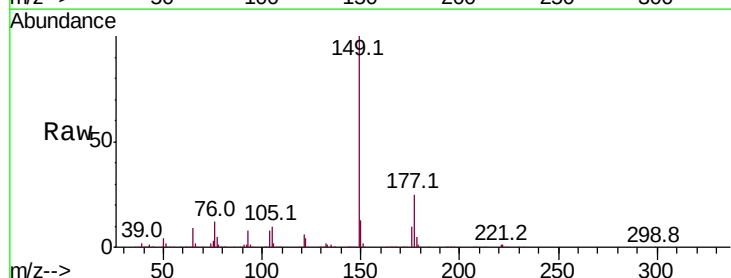
Instrument :
BNA_G
ClientSampleId :
PB128259BS

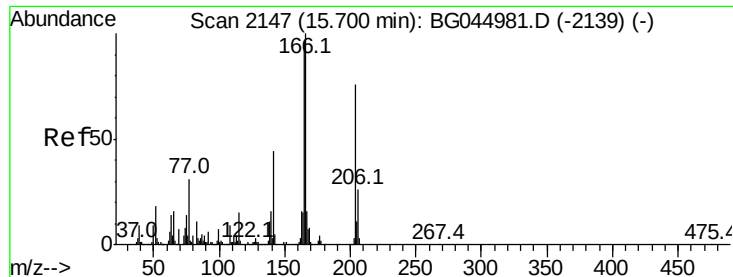
Tot Ion:	232	Resp:	271911
Ion	Ratio	Lower	Upper
232	100		
131	40.1	32.2	48.2
130	2.8	2.2	3.2
166	28.4	24.2	36.4



#60
Diethylphthalate
Concen: 44.129 ng
RT: 15.48 min Scan# 2109
Delta R.T. 0.00 min
Lab File: BG045011.D
Acq: 16 Apr 2020 18:11

Tgt Ion:	149	Resp:	862990
Ion	Ratio	Lower	Upper
149	100		
177	24.5	18.9	28.3
150	13.2	10.6	15.8





#61

4-Chlorophenyl-phenylether

Concen: 44.513 ng

RT: 15.70 min Scan# 2146

Delta R.T. -0.00 min

Lab File: BG045011.D

Acq: 16 Apr 2020 18:11

Instrument :

BNA_G

ClientSampleId :

PB128259BS

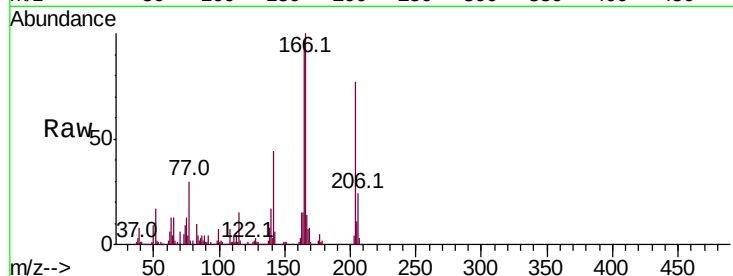
Tot Ion:204 Resp: 449861

Ion Ratio Lower Upper

204 100

206 31.5 26.9 40.3

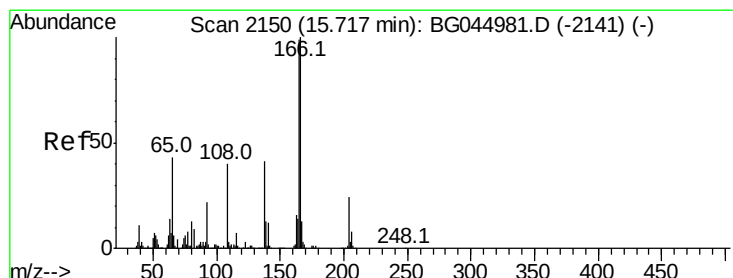
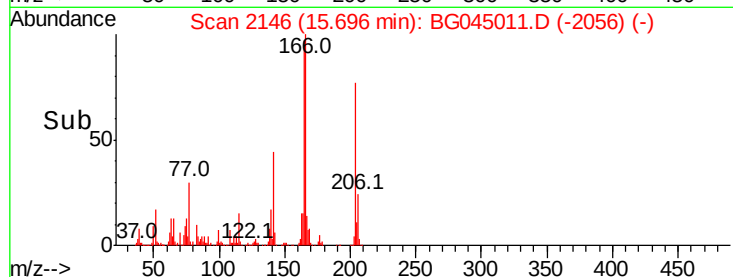
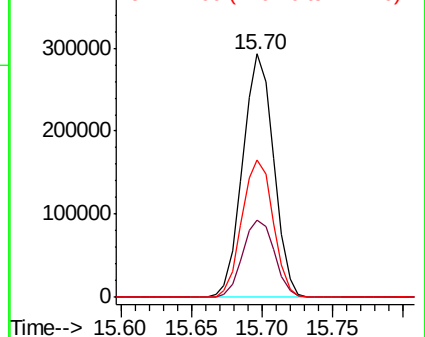
141 56.3 46.3 69.5



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 43.346 ng

RT: 15.72 min Scan# 2150

Delta R.T. 0.00 min

Lab File: BG045011.D

Acq: 16 Apr 2020 18:11

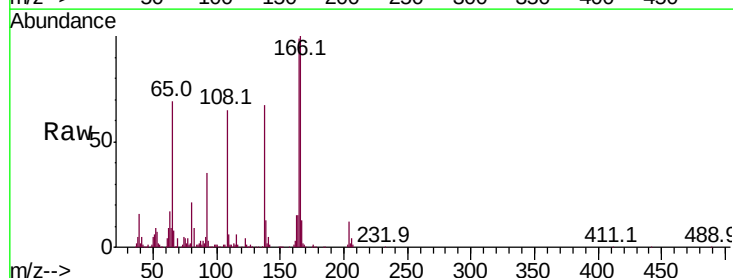
Tgt Ion:138 Resp: 206869

Ion Ratio Lower Upper

138 100

92 53.1 33.6 73.6

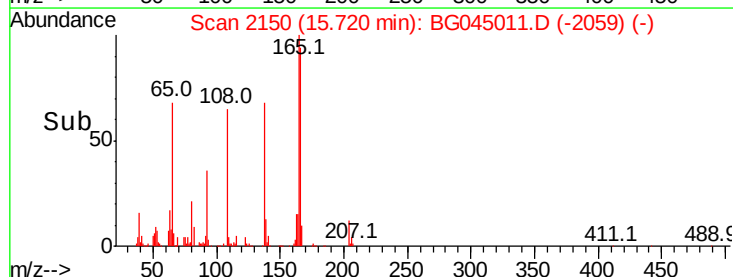
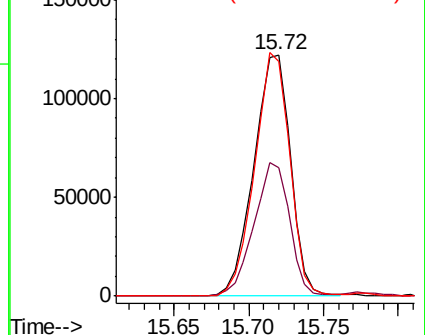
108 97.5 78.2 118.2

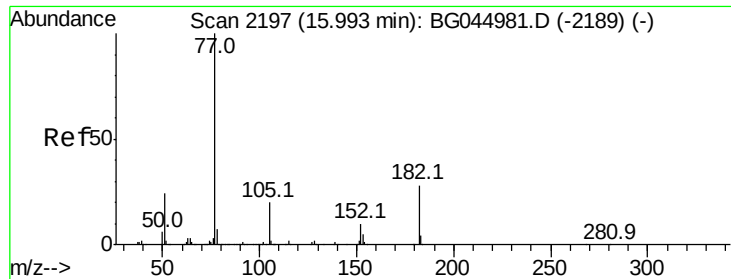


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 46.571 ng

RT: 15.99 min Scan# 2196

Delta R.T. -0.00 min

Lab File: BG045011.D

Acq: 16 Apr 2020 18:11

Instrument :

BNA_G

ClientSampleId :

PB128259BS

Tot Ion: 77 Resp: 839664

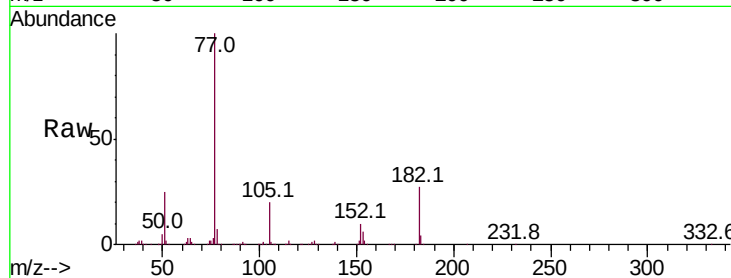
Ion Ratio Lower Upper

77 100

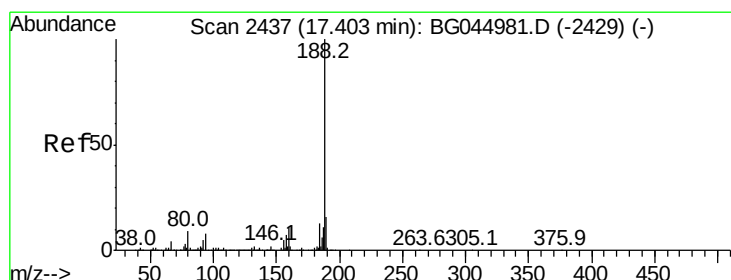
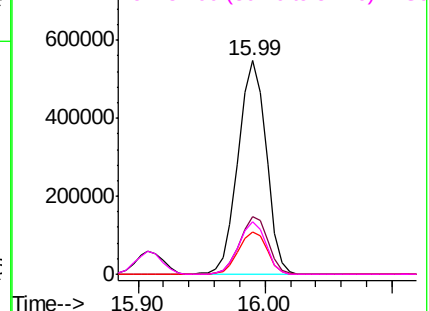
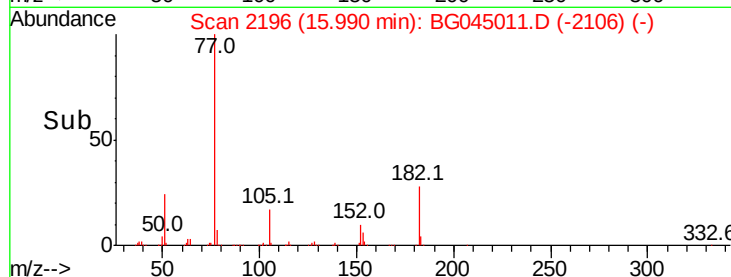
182 27.2 8.4 48.4

105 19.9 0.5 40.5

51 24.5 4.4 44.4



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2436

Delta R.T. -0.00 min

Lab File: BG045011.D

Acq: 16 Apr 2020 18:11

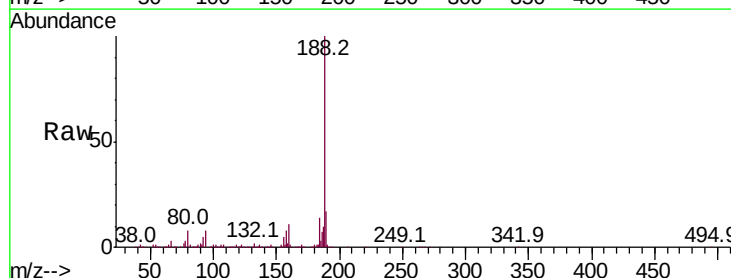
Tgt Ion: 188 Resp: 564766

Ion Ratio Lower Upper

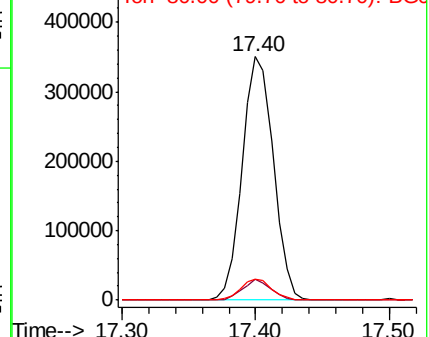
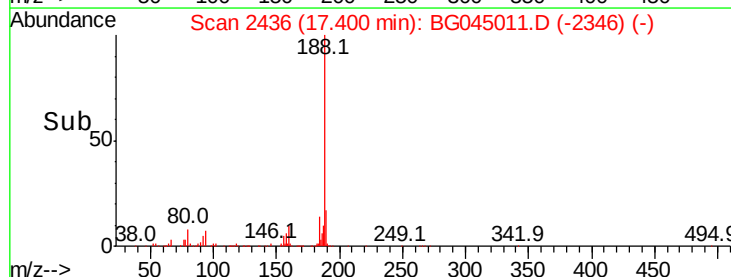
188 100

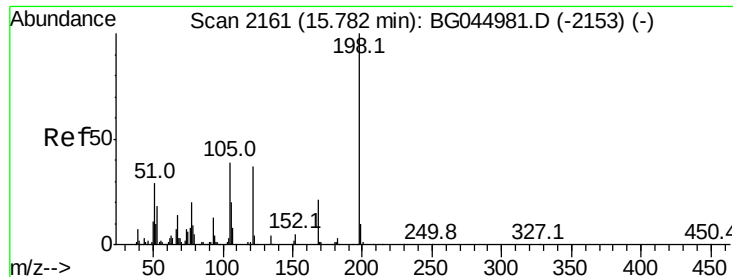
94 8.4 6.2 9.4

80 8.4 7.0 10.6



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

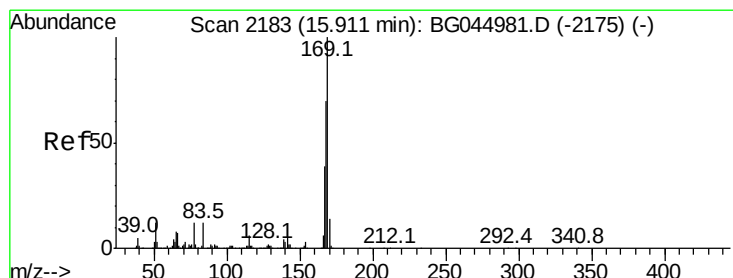
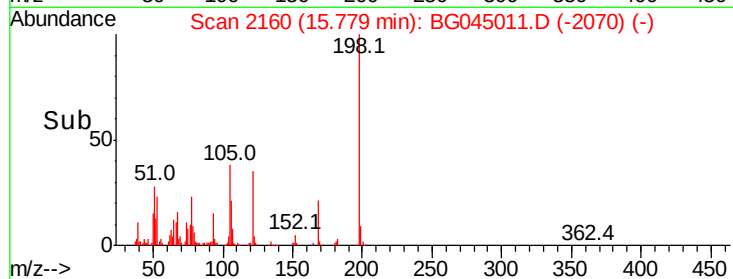
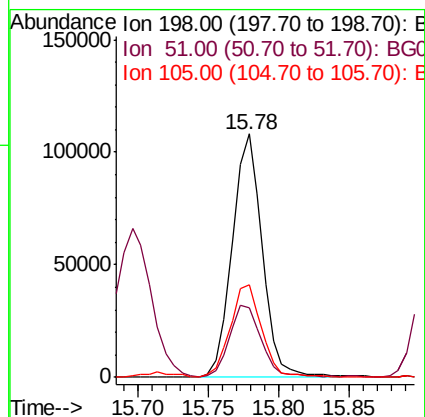
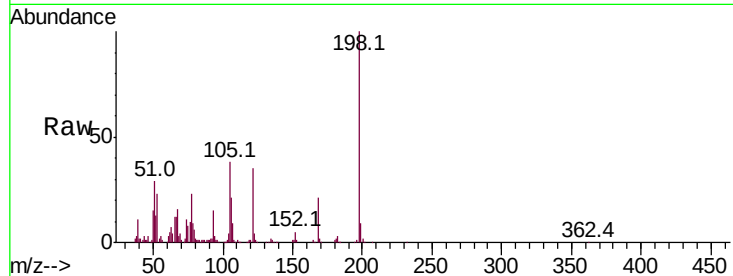




#65
 4,6-Dinitro-2-methylphenol
 Concen: 43.234 ng
 RT: 15.78 min Scan# 2160
 Delta R.T. -0.00 min
 Lab File: BG045011.D
 Acq: 16 Apr 2020 18:11

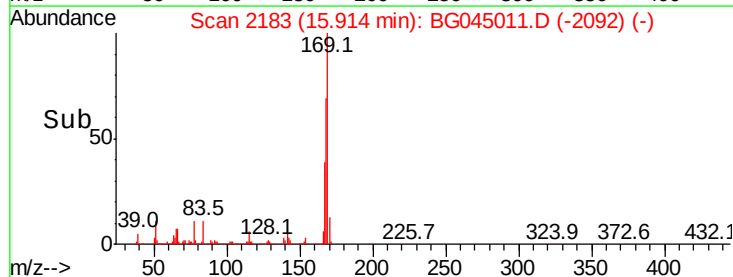
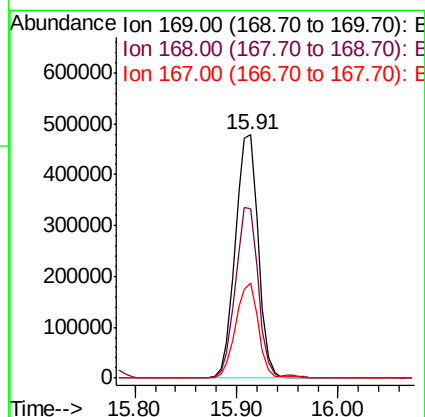
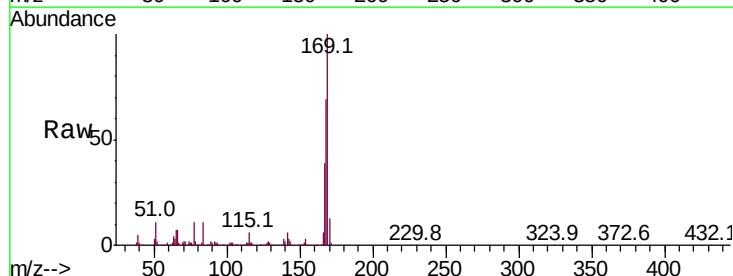
Instrument :
 BNA_G
 ClientSampleId :
 PB128259BS

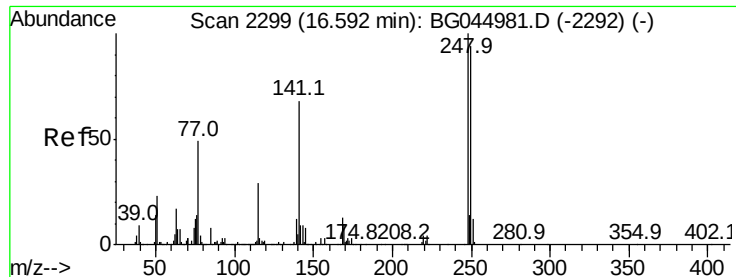
Tot Ion	Ratio	Lower	Upper
198	100		
51	28.6	10.0	50.0
105	38.3	18.9	58.9



#66
 n-Nitrosodiphenylamine
 Concen: 46.009 ng
 RT: 15.91 min Scan# 2183
 Delta R.T. 0.00 min
 Lab File: BG045011.D
 Acq: 16 Apr 2020 18:11

Tgt Ion	Ratio	Lower	Upper
169	100		
168	69.3	55.8	83.8
167	39.3	30.8	46.2

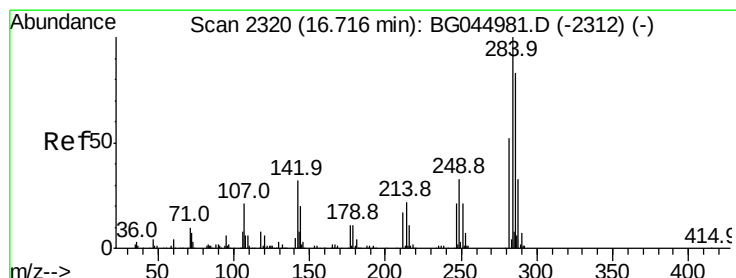
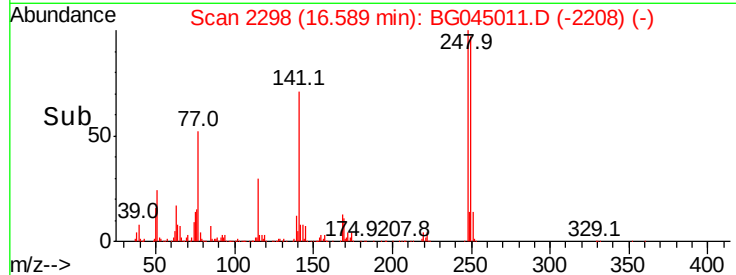
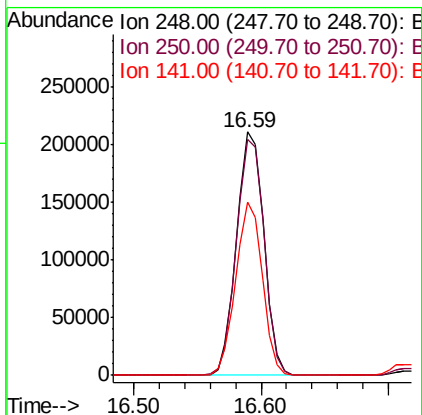
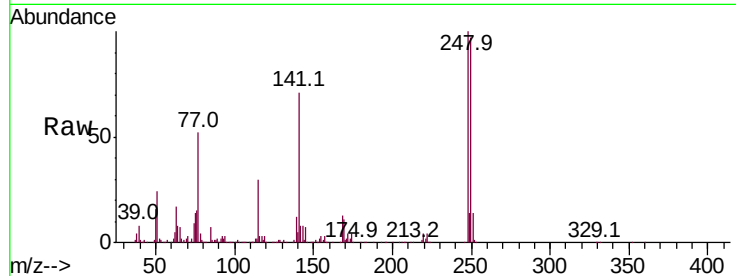




#67
4-Bromophenyl-phenylether
Concen: 43.151 ng
RT: 16.59 min Scan# 2298
Delta R.T. -0.00 min
Lab File: BG045011.D
Acq: 16 Apr 2020 18:11

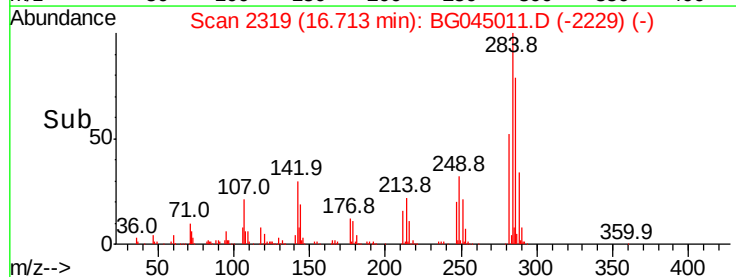
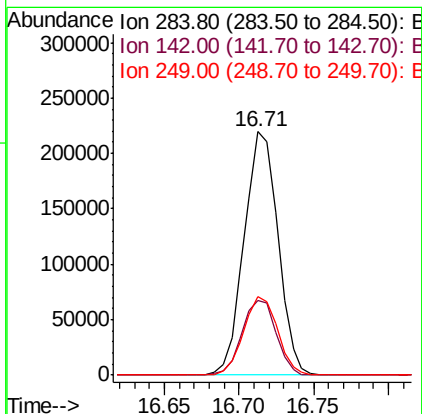
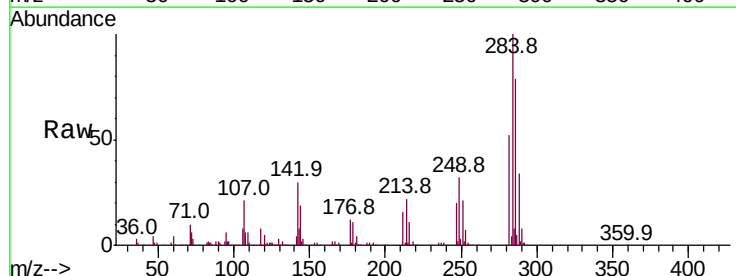
Instrument :
BNA_G
ClientSampleId :
PB128259BS

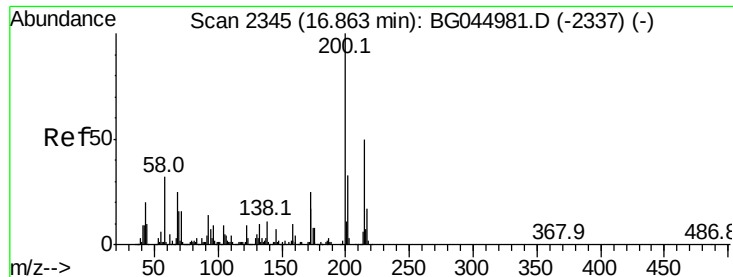
Tot Ion	Ratio	Lower	Upper
248	100		
250	97.0	75.4	113.2
141	71.1	54.4	81.6



#68
Hexachlorobenzene
Concen: 45.496 ng
RT: 16.71 min Scan# 2319
Delta R.T. -0.00 min
Lab File: BG045011.D
Acq: 16 Apr 2020 18:11

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.5	25.8	38.6
249	32.2	26.6	39.8





#69

Atrazine

Concen: 55.011 ng

RT: 16.86 min Scan# 2344

Delta R.T. -0.00 min

Lab File: BG045011.D

Acq: 16 Apr 2020 18:11

Instrument :

BNA_G

ClientSampleId :

PB128259BS

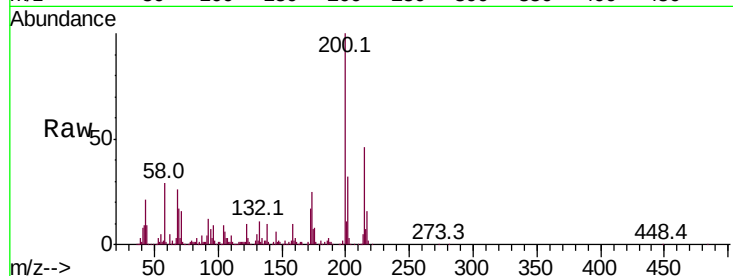
Tot Ion:200 Resp: 319289

Ion Ratio Lower Upper

200 100

173 25.0 4.5 44.5

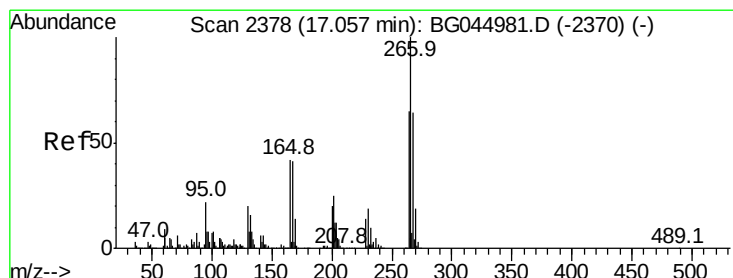
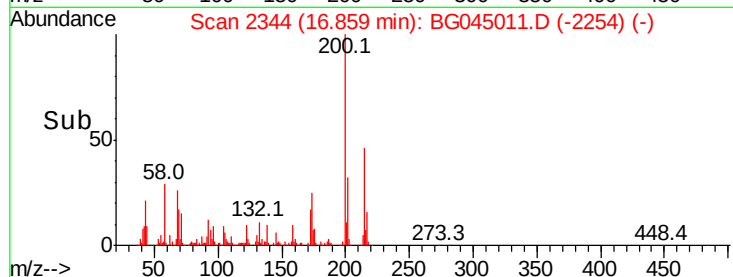
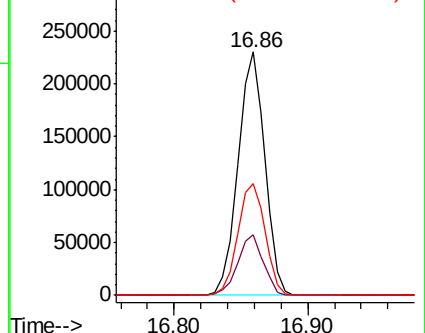
215 46.1 30.0 70.0



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: 91.249 ng

RT: 17.05 min Scan# 2377

Delta R.T. -0.00 min

Lab File: BG045011.D

Acq: 16 Apr 2020 18:11

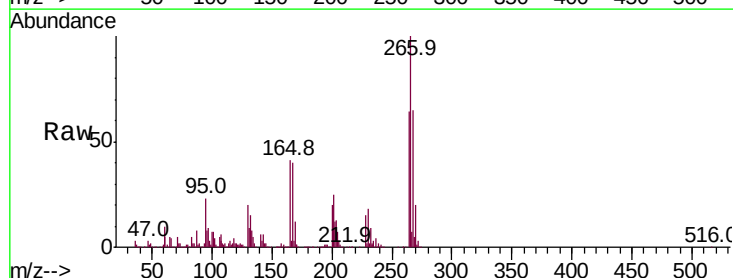
Tgt Ion:266 Resp: 422991

Ion Ratio Lower Upper

266 100

268 64.9 51.5 77.3

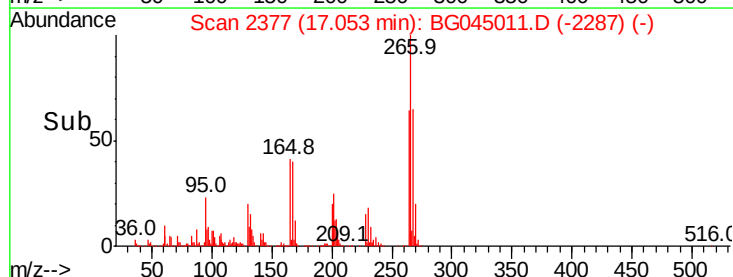
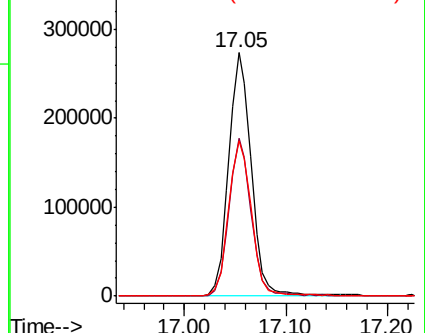
264 64.0 52.2 78.4

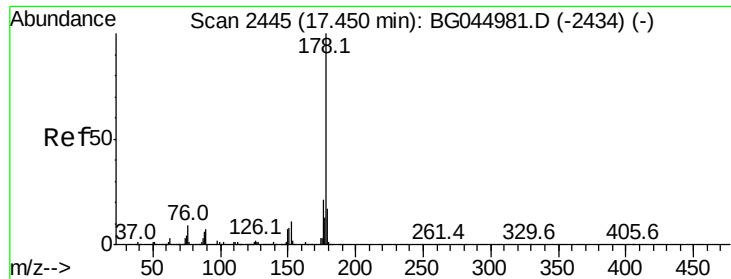


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

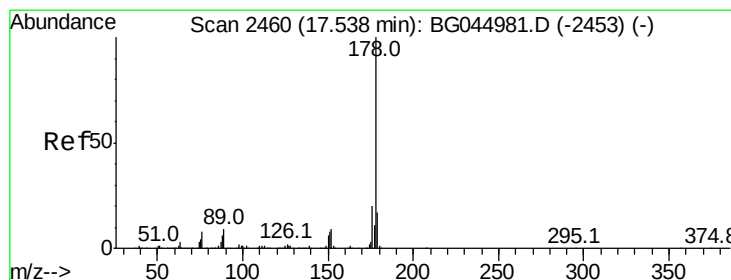
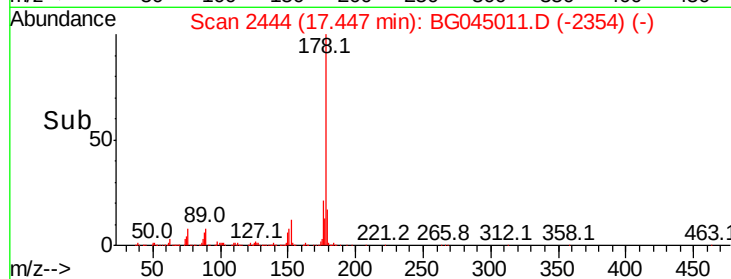
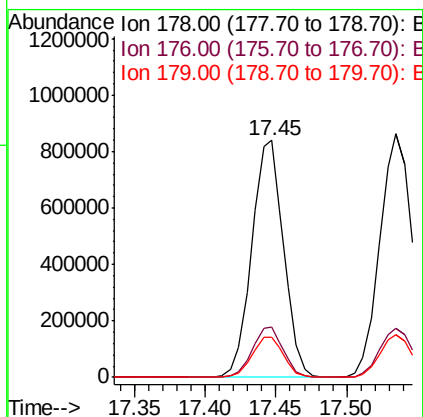
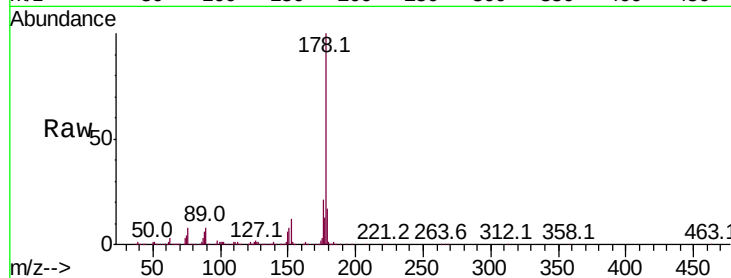




#71
Phenanthrene
Concen: 45.605 ng
RT: 17.45 min Scan# 2444
Delta R.T. -0.00 min
Lab File: BG045011.D
Acq: 16 Apr 2020 18:11

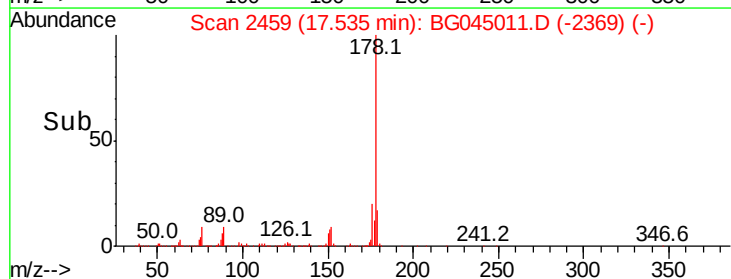
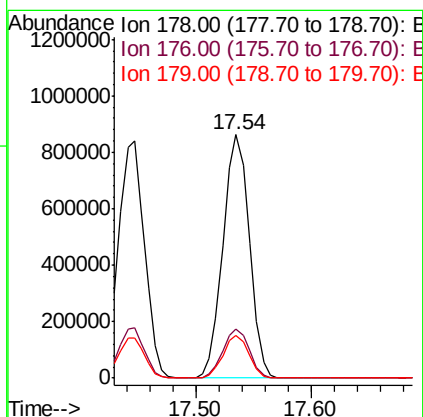
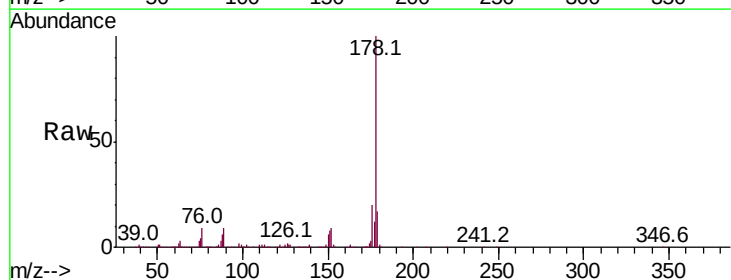
Instrument :
BNA_G
ClientSampleId :
PB128259BS

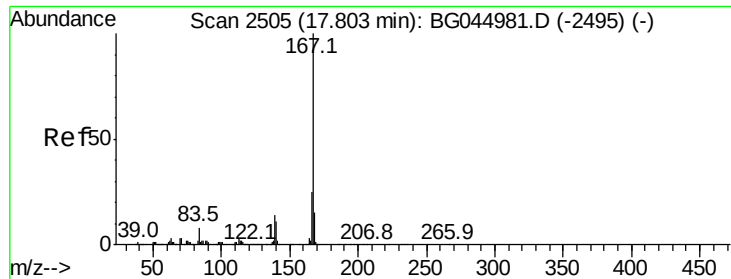
Tot Ion:178 Resp: 1323554
Ion Ratio Lower Upper
178 100
176 21.3 16.8 25.2
179 17.2 13.2 19.8



#72
Anthracene
Concen: 47.108 ng
RT: 17.54 min Scan# 2459
Delta R.T. -0.00 min
Lab File: BG045011.D
Acq: 16 Apr 2020 18:11

Tgt Ion:178 Resp: 1371400
Ion Ratio Lower Upper
178 100
176 20.3 16.0 24.0
179 17.3 13.6 20.4





#73

Carbazole

Concen: 42.878 ng

RT: 17.80 min Scan# 2504

Delta R.T. -0.00 min

Lab File: BG045011.D

Acq: 16 Apr 2020 18:11

Instrument :

BNA_G

ClientSampleId :

PB128259BS

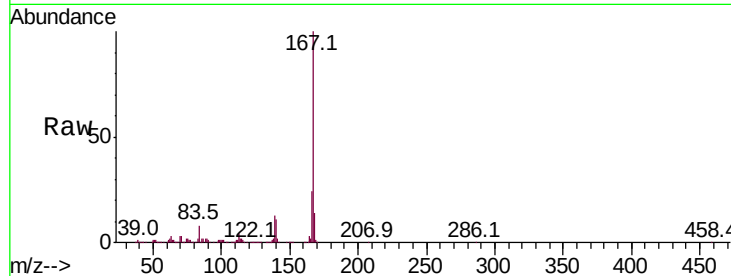
Tot Ion:167 Resp: 1266740

Ion Ratio Lower Upper

167 100

166 24.0 19.8 29.6

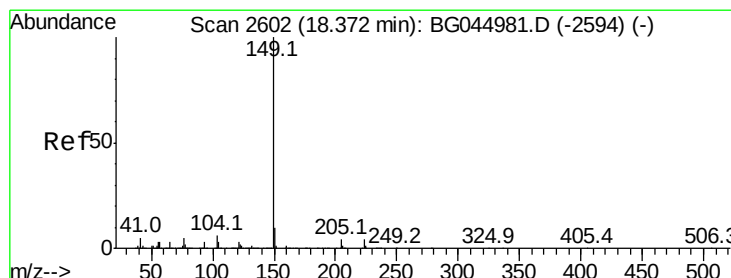
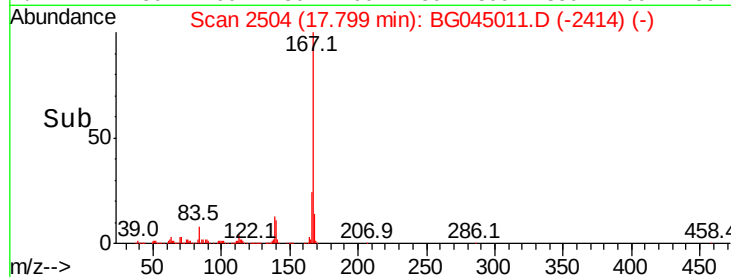
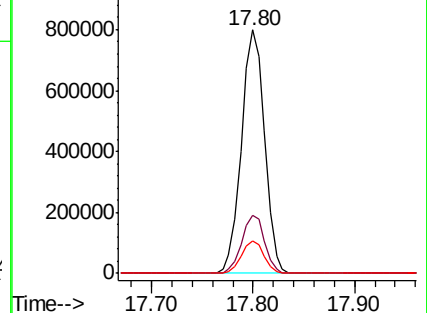
139 13.5 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 47.040 ng

RT: 18.37 min Scan# 2601

Delta R.T. -0.00 min

Lab File: BG045011.D

Acq: 16 Apr 2020 18:11

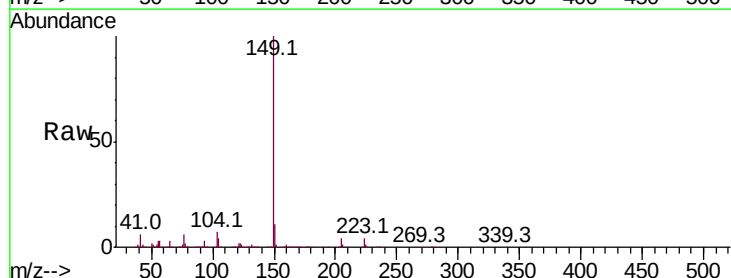
Tgt Ion:149 Resp: 1503900

Ion Ratio Lower Upper

149 100

150 10.8 8.2 12.2

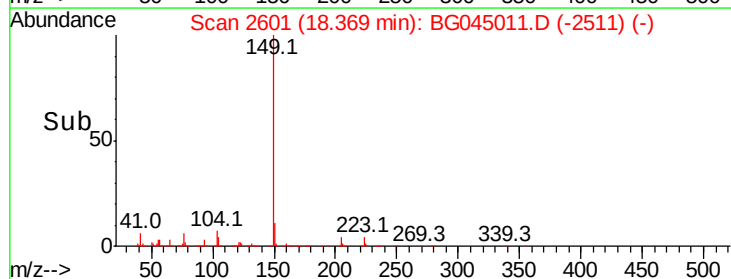
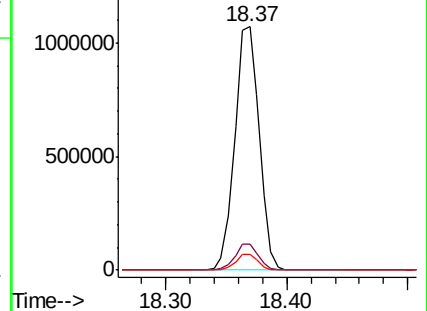
104 6.6 4.8 7.2

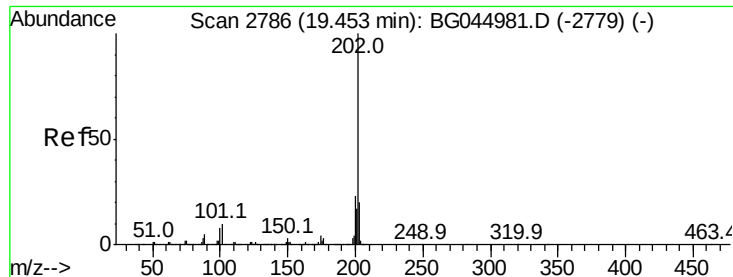


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 49.048 ng

RT: 19.45 min Scan# 2785

Delta R.T. -0.00 min

Lab File: BG045011.D

Acq: 16 Apr 2020 18:11

Instrument :

BNA_G

ClientSampleId :

PB128259BS

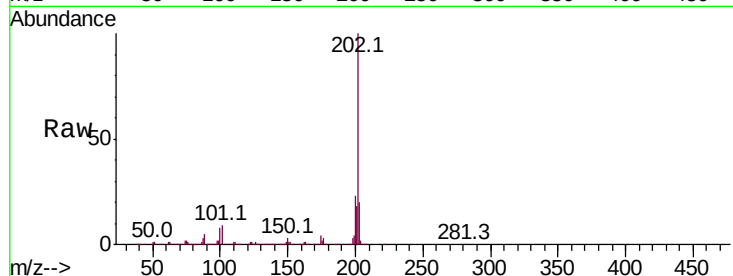
Tot Ion:202 Resp: 1654181

Ion	Ratio	Lower	Upper
202	100		
101	9.4	0.0	29.6
203	20.2	0.0	39.7

202 100

101 9.4 0.0 29.6

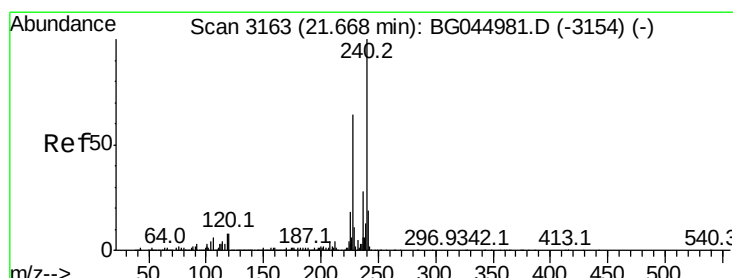
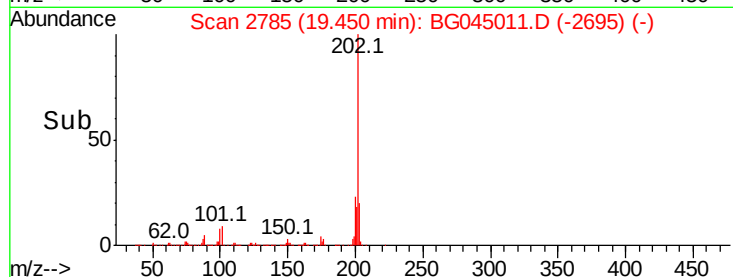
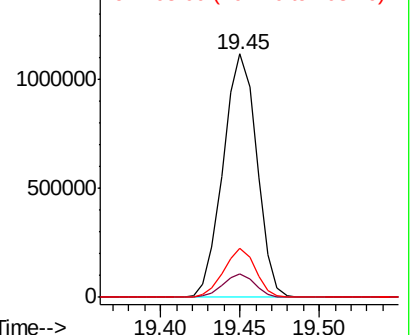
203 20.2 0.0 39.7



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# 3162

Delta R.T. -0.00 min

Lab File: BG045011.D

Acq: 16 Apr 2020 18:11

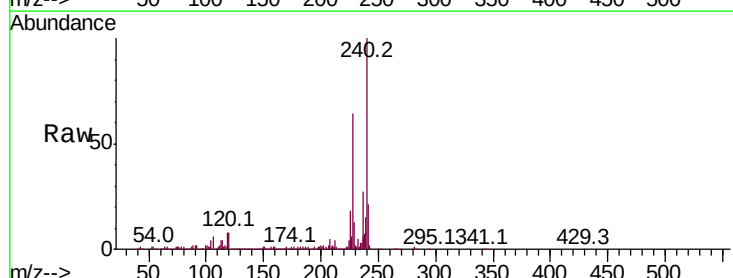
Tgt Ion:240 Resp: 520648

Ion	Ratio	Lower	Upper
240	100		
120	7.7	6.6	10.0
236	27.0	22.2	33.2

240 100

120 7.7 6.6 10.0

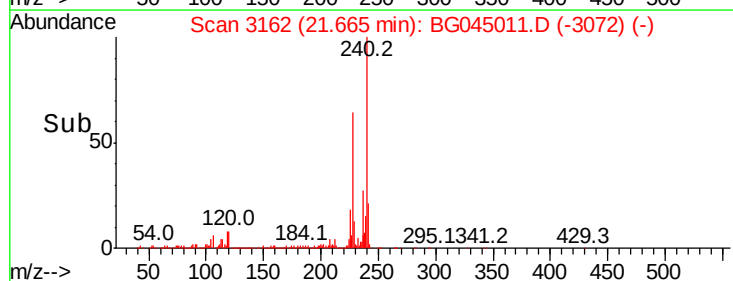
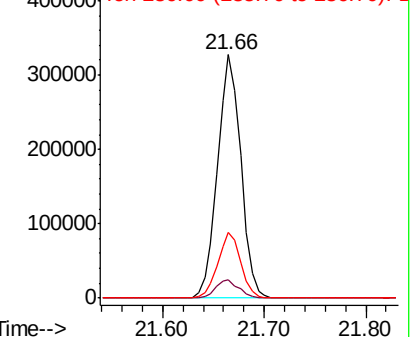
236 27.0 22.2 33.2

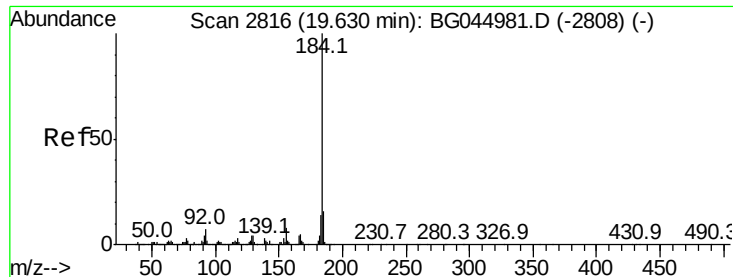


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 53.714 ng

RT: 19.63 min Scan# 2815

Delta R.T. -0.00 min

Lab File: BG045011.D

Acq: 16 Apr 2020 18:11

Instrument :

BNA_G

ClientSampleId :

PB128259BS

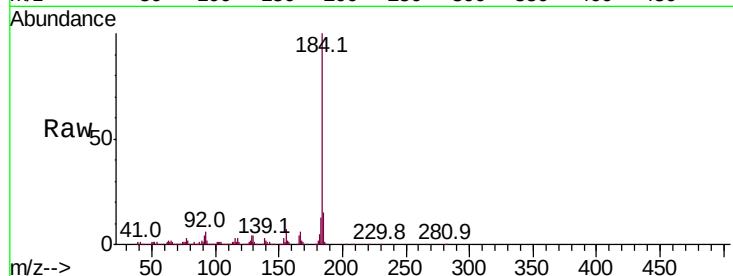
Tot Ion:184 Resp: 792621

Ion Ratio Lower Upper

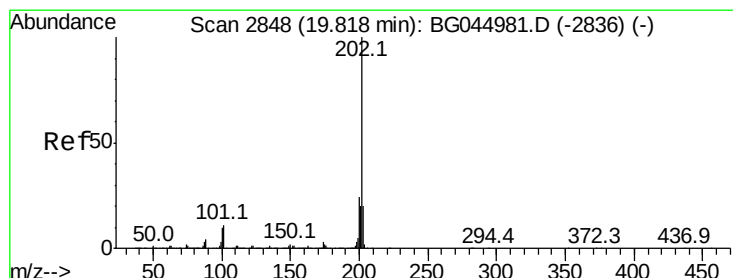
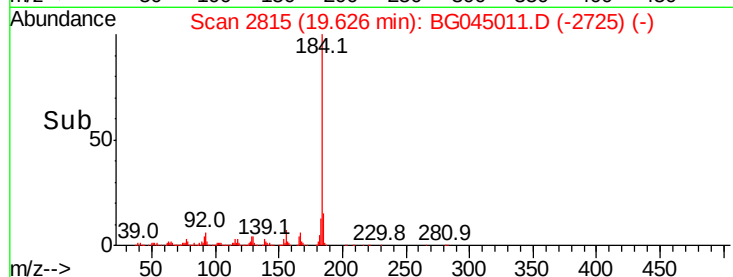
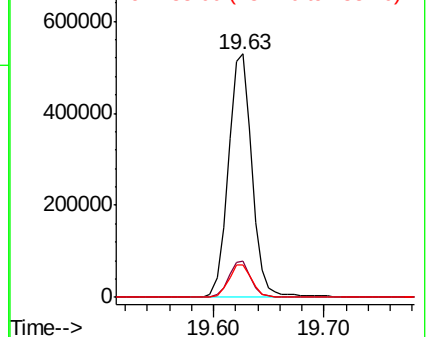
184 100

185 14.8 12.6 19.0

183 13.4 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: 44.752 ng

RT: 19.81 min Scan# 2846

Delta R.T. -0.01 min

Lab File: BG045011.D

Acq: 16 Apr 2020 18:11

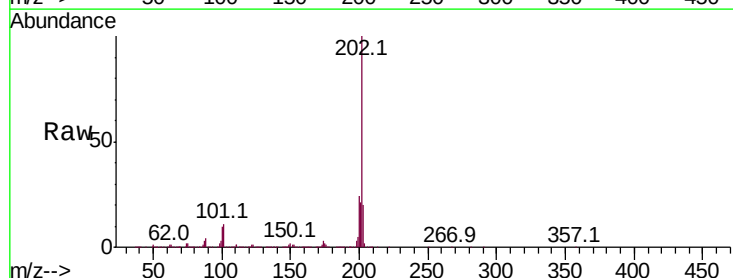
Tgt Ion:202 Resp: 1606310

Ion Ratio Lower Upper

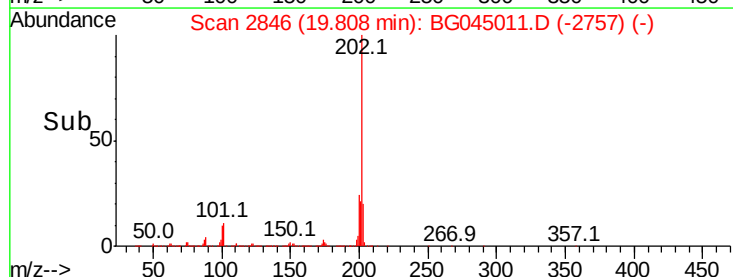
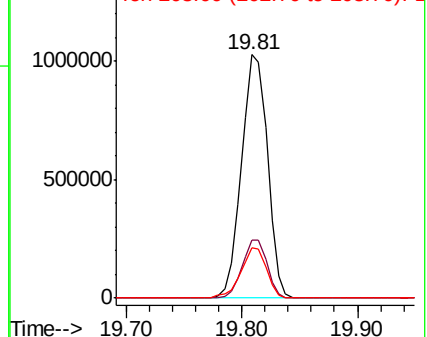
202 100

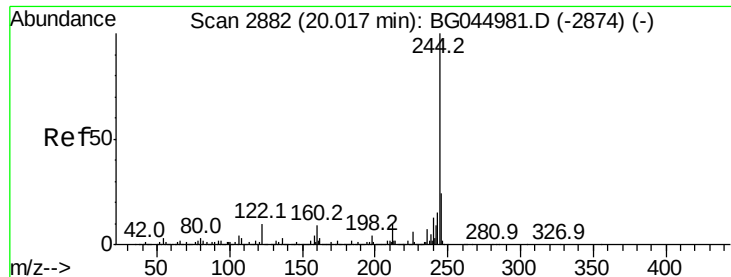
200 23.9 19.0 28.6

203 20.5 16.1 24.1



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: 95.020 ng

RT: 20.01 min Scan# 2881

Delta R.T. -0.00 min

Lab File: BG045011.D

Acq: 16 Apr 2020 18:11

Instrument :

BNA_G

ClientSampleId :

PB128259BS

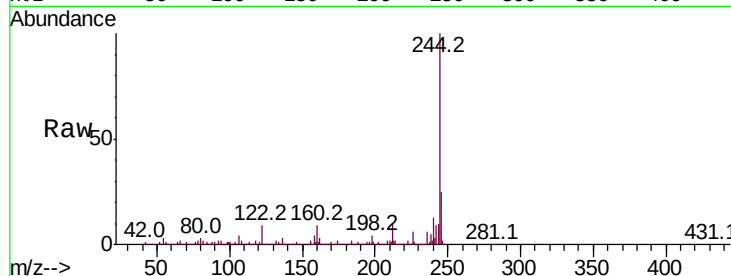
Tot Ion:244 Resp: 2269818

Ion Ratio Lower Upper

244 100

212 9.9 7.9 11.9

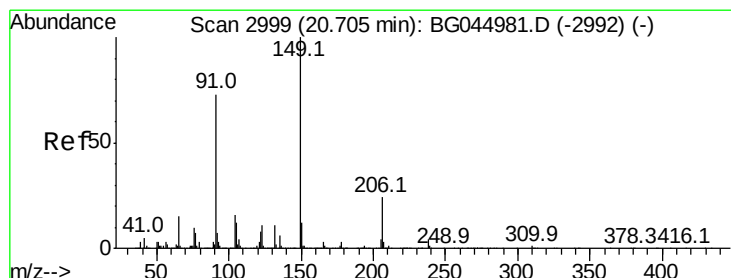
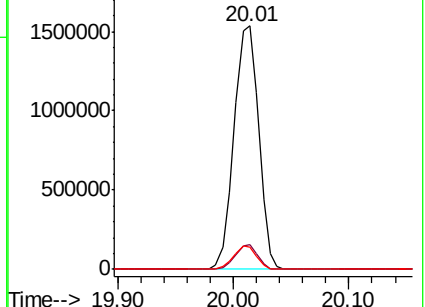
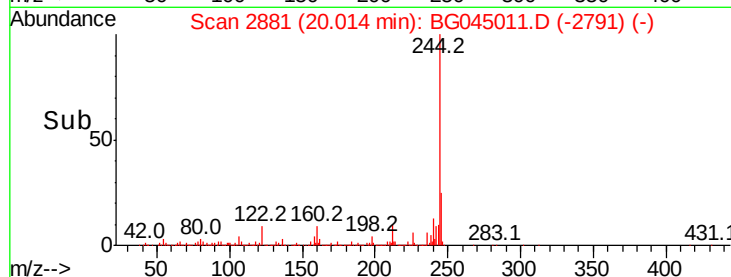
122 9.0 7.7 11.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 44.273 ng

RT: 20.70 min Scan# 2998

Delta R.T. -0.00 min

Lab File: BG045011.D

Acq: 16 Apr 2020 18:11

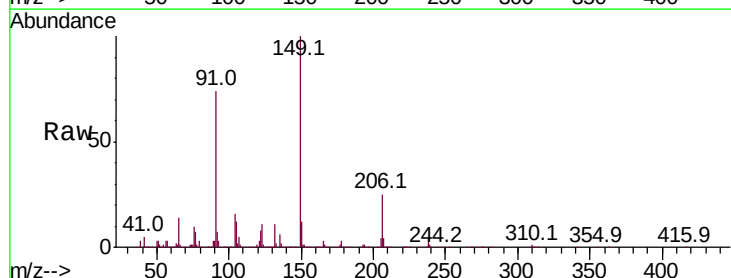
Tgt Ion:149 Resp: 658707

Ion Ratio Lower Upper

149 100

91 73.6 58.5 87.7

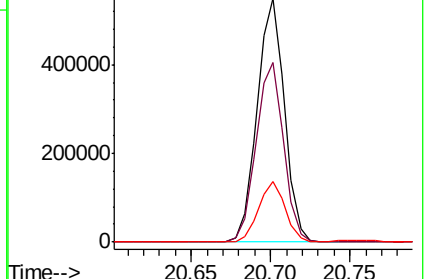
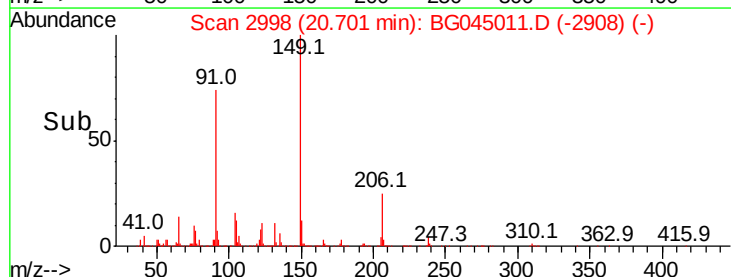
206 24.8 19.2 28.8

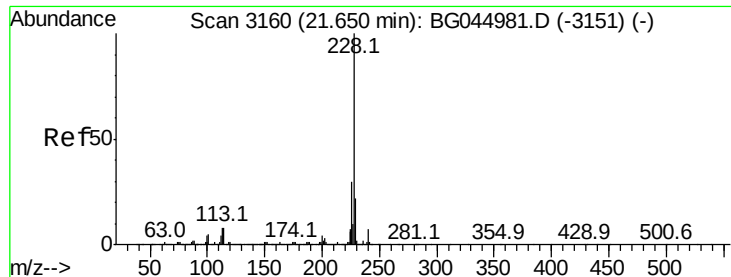


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 46.064 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.00 min

Lab File: BG045011.D

Acq: 16 Apr 2020 18:11

Instrument :

BNA_G

ClientSampleId :

PB128259BS

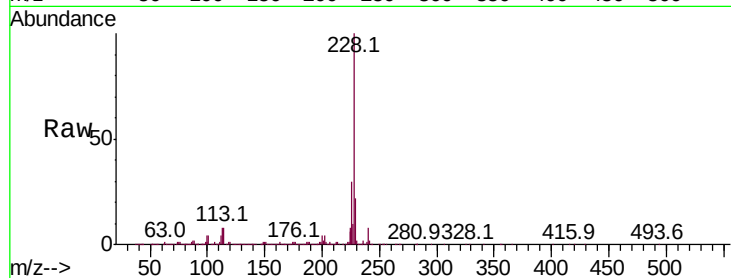
Tot Ion:228 Resp: 1554449

Ion Ratio Lower Upper

228 100

226 29.8 24.0 36.0

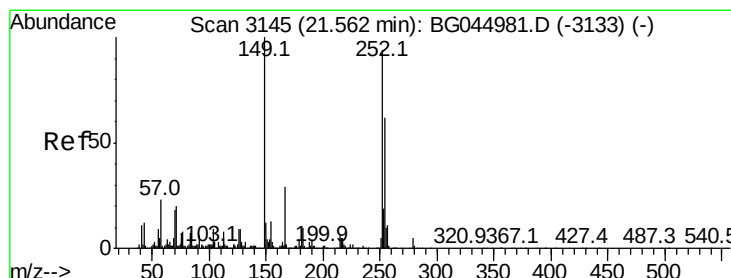
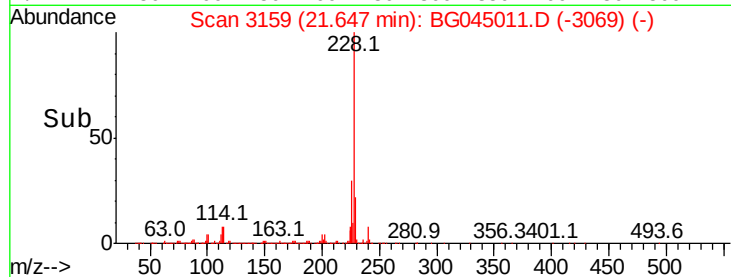
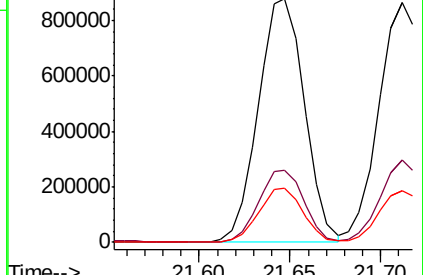
229 22.2 17.5 26.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 27.571 ng

RT: 21.56 min Scan# 3144

Delta R.T. -0.00 min

Lab File: BG045011.D

Acq: 16 Apr 2020 18:11

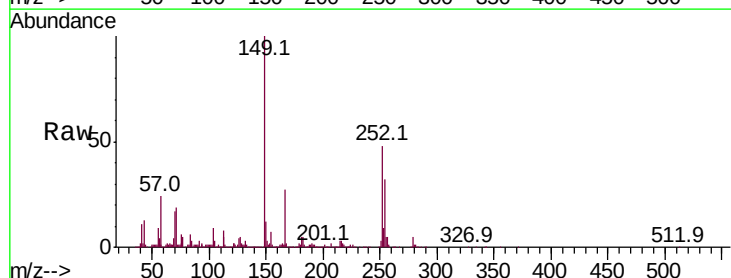
Tgt Ion:252 Resp: 370319

Ion Ratio Lower Upper

252 100

254 65.6 52.6 79.0

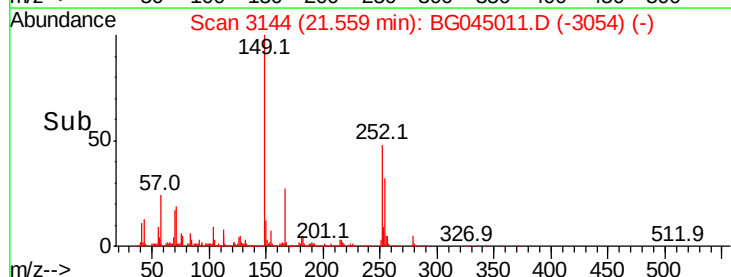
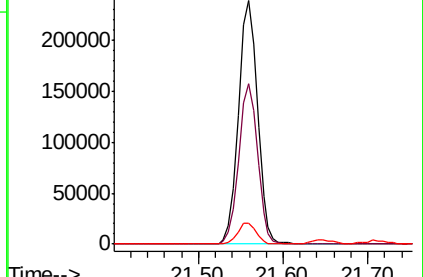
126 8.6 7.5 11.3

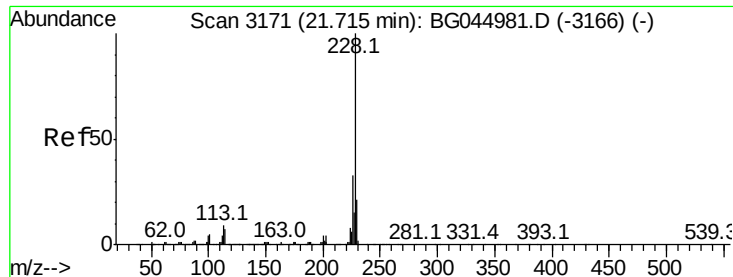


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



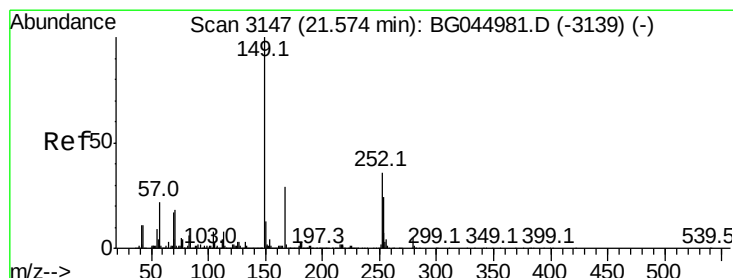
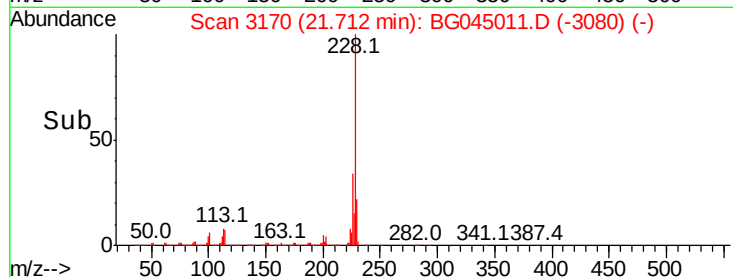
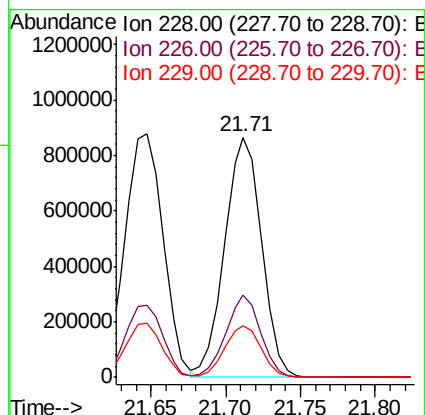
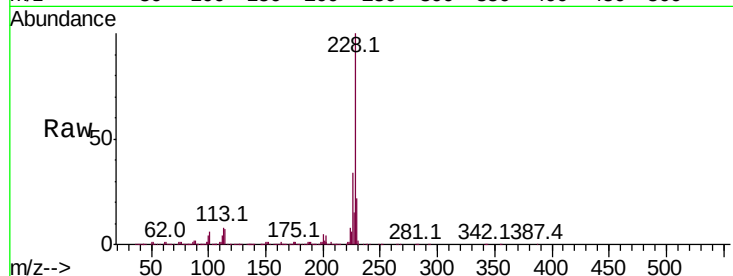


#83
 Chrysene
 Concen: 45.998 ng
 RT: 21.71 min Scan# 3170
 Delta R.T. -0.00 min
 Lab File: BG045011.D
 Acq: 16 Apr 2020 18:11

Instrument :
 BNA_G
 ClientSampleId :
 PB128259BS

Tot Ion:228 Resp: 1491415

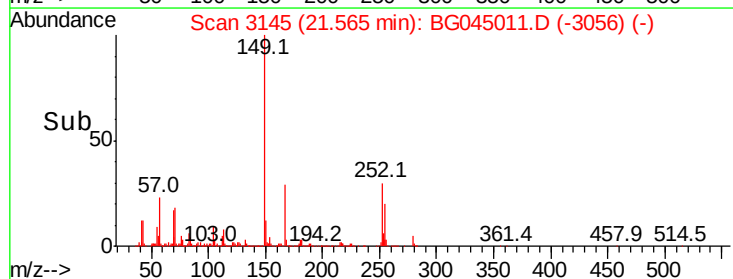
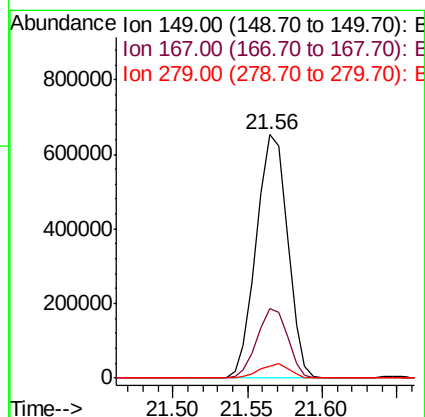
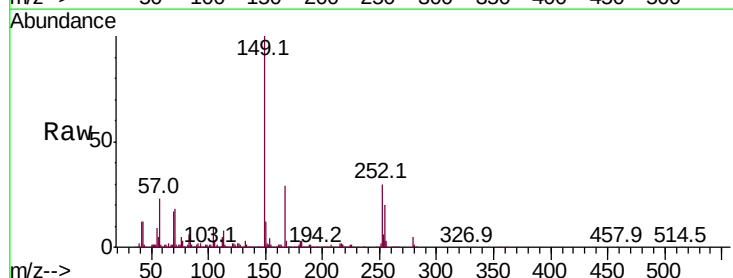
Ion	Ratio	Lower	Upper
228	100		
226	34.3	26.2	39.4
229	21.7	17.0	25.6

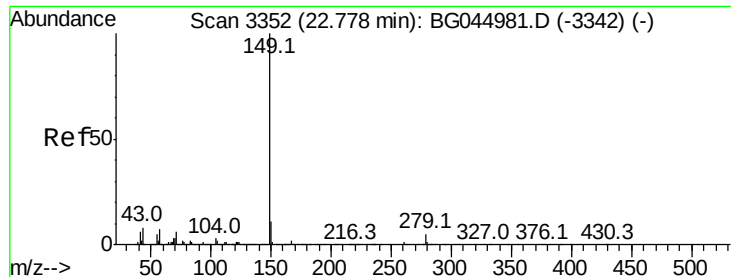


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 46.463 ng
 RT: 21.56 min Scan# 3145
 Delta R.T. -0.01 min
 Lab File: BG045011.D
 Acq: 16 Apr 2020 18:11

Tgt Ion:149 Resp: 950776

Ion	Ratio	Lower	Upper
149	100		
167	28.7	23.4	35.0
279	5.1	4.3	6.5





#85

Di-n-octyl phthalate

Concen: 45.625 ng

RT: 22.77 min Scan# 3350

Delta R.T. -0.01 min

Lab File: BG045011.D

Acq: 16 Apr 2020 18:11

Instrument :

BNA_G

ClientSampleId :

PB128259BS

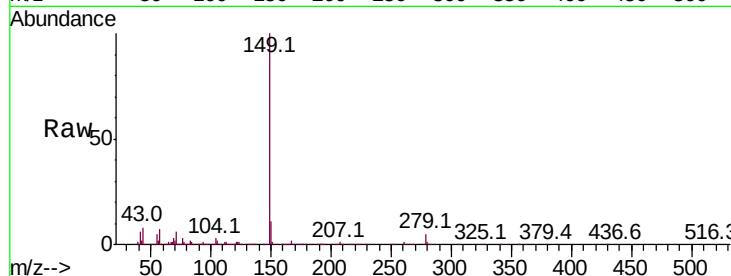
Tot Ion:149 Resp: 1614471

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.2

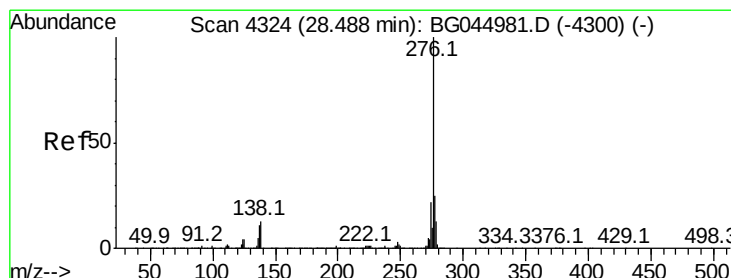
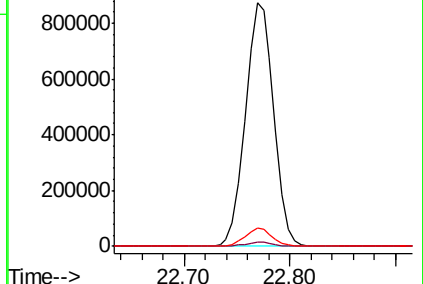
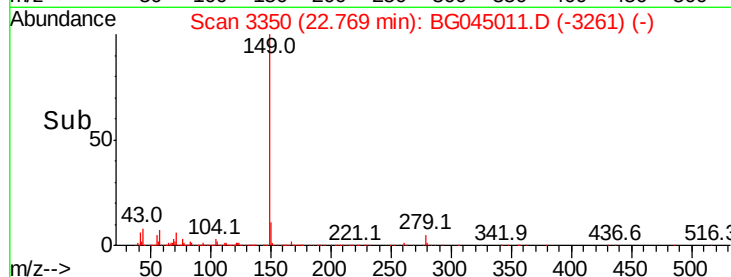
43 7.4 5.7 8.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 47.661 ng

RT: 28.47 min Scan# 4321

Delta R.T. -0.02 min

Lab File: BG045011.D

Acq: 16 Apr 2020 18:11

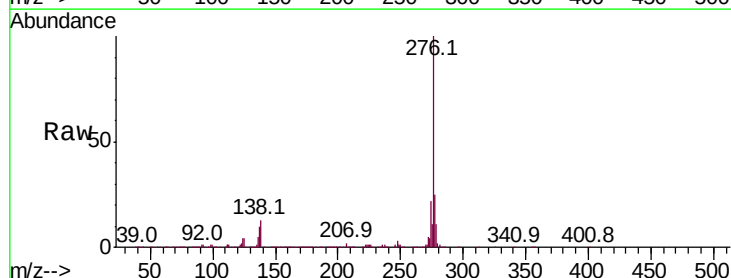
Tgt Ion:276 Resp: 2051688

Ion Ratio Lower Upper

276 100

138 12.7 9.6 14.4

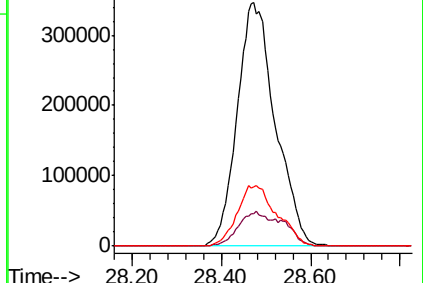
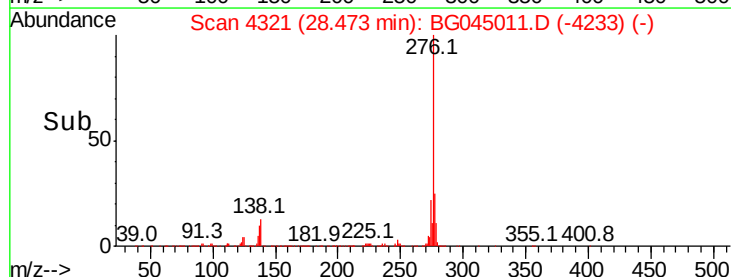
277 25.9 20.6 31.0

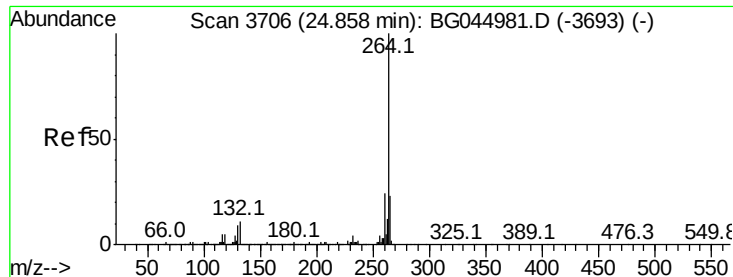


Abundance Ion 276.00 (275.70 to 276.70): E

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: 24.85 min Scan# 3704

Delta R.T. -0.01 min

Lab File: BG045011.D

Acq: 16 Apr 2020 18:11

Instrument :

BNA_G

ClientSampleId :

PB128259BS

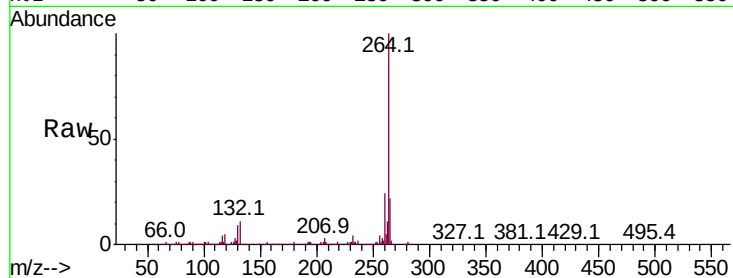
Tot Ion:264 Resp: 589972

Ion Ratio Lower Upper

264 100

260 24.5 19.2 28.8

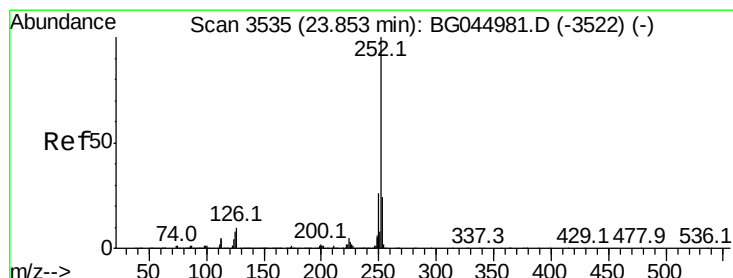
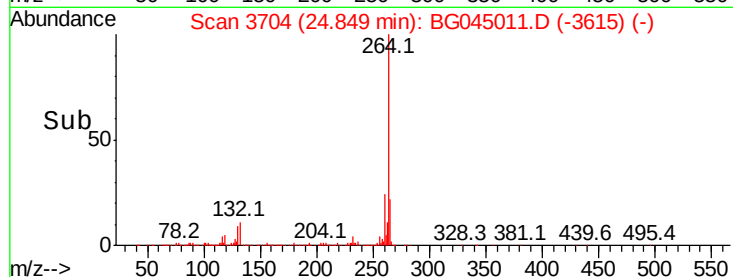
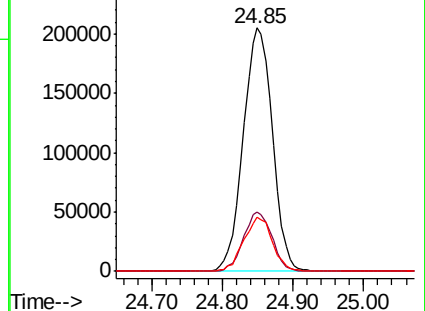
265 22.0 19.0 28.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 46.884 ng

RT: 23.84 min Scan# 3533

Delta R.T. -0.01 min

Lab File: BG045011.D

Acq: 16 Apr 2020 18:11

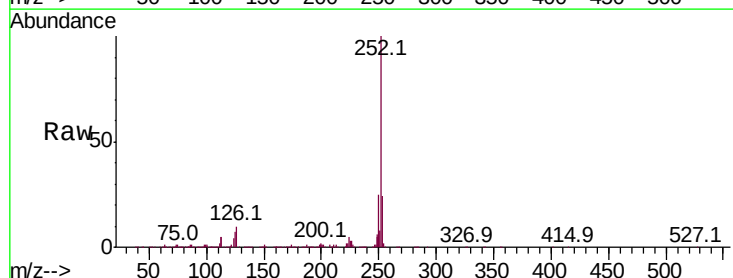
Tgt Ion:252 Resp: 1732621

Ion Ratio Lower Upper

252 100

253 24.0 18.8 28.2

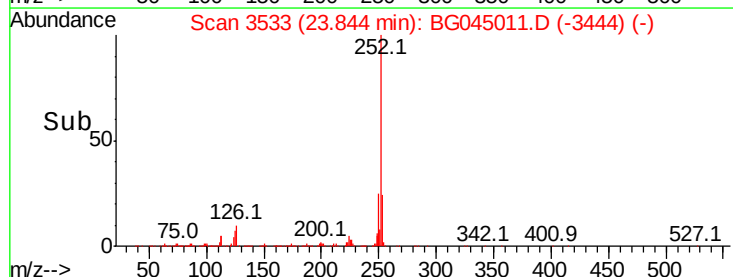
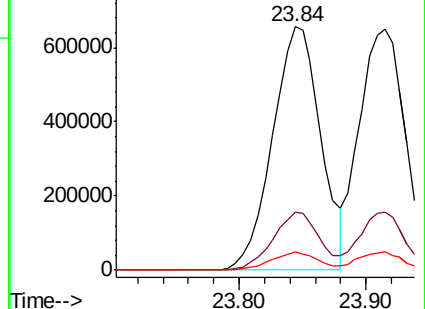
125 7.3 6.2 9.4

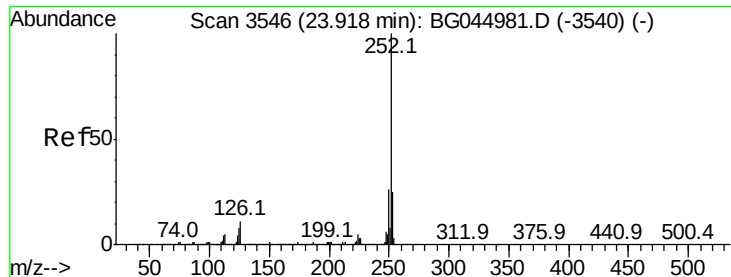


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 46.336 ng

RT: 23.91 min Scan# 3545

Delta R.T. -0.00 min

Lab File: BG045011.D

Acq: 16 Apr 2020 18:11

Instrument :

BNA_G

ClientSampleId :

PB128259BS

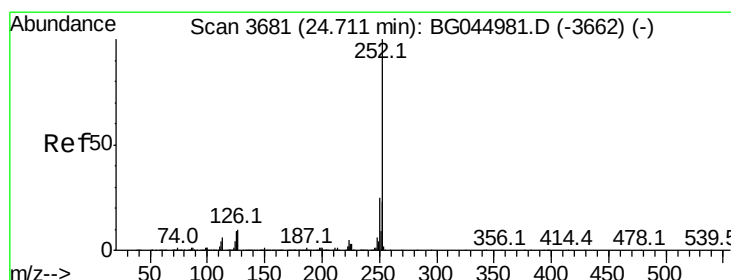
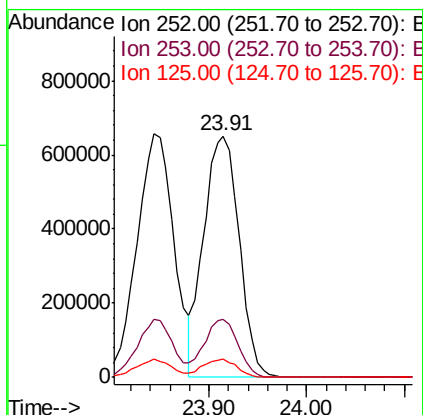
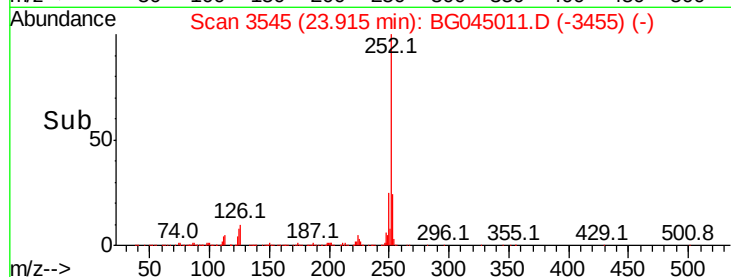
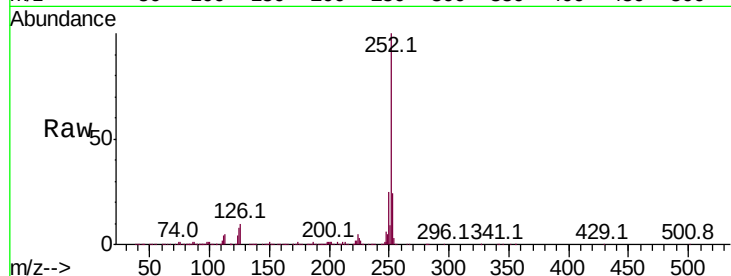
Tot Ion:252 Resp: 1628481

Ion Ratio Lower Upper

252 100

253 24.1 19.2 28.8

125 7.6 5.9 8.9



#90

Benzo(a)pyrene

Concen: 45.495 ng

RT: 24.70 min Scan# 3679

Delta R.T. -0.01 min

Lab File: BG045011.D

Acq: 16 Apr 2020 18:11

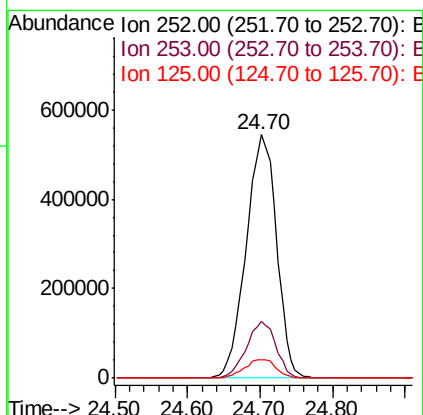
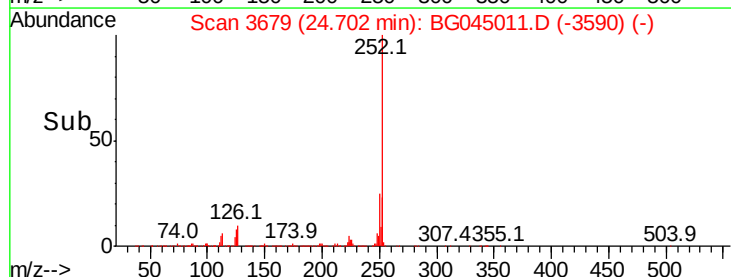
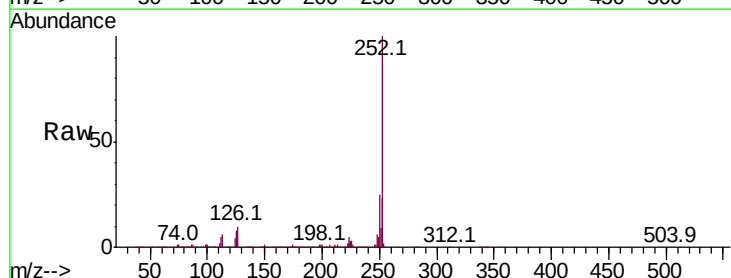
Tgt Ion:252 Resp: 1587387

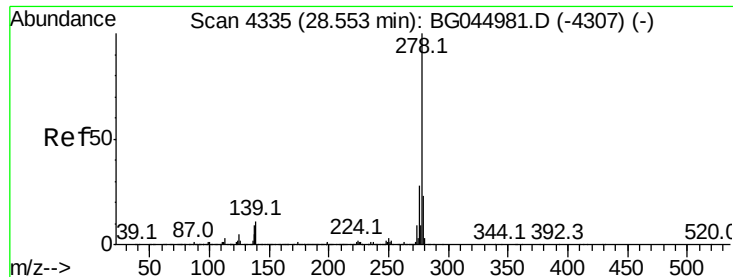
Ion Ratio Lower Upper

252 100

253 23.2 18.3 27.5

125 7.8 7.0 10.6





#91

Dibenzo(a,h)anthracene

Concen: 47.231 ng

RT: 28.54 min Scan# 4332

Delta R.T. -0.02 min

Lab File: BG045011.D

Acq: 16 Apr 2020 18:11

Instrument :

BNA_G

ClientSampleId :

PB128259BS

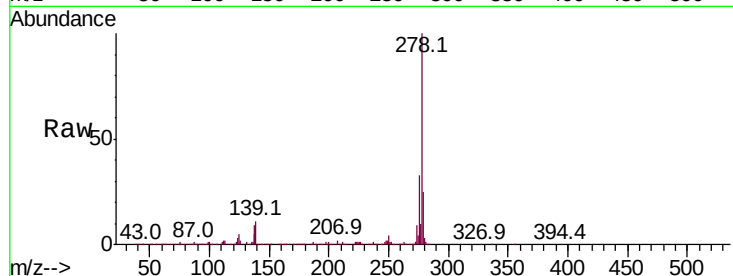
Tot Ion:278 Resp: 1660574

Ion Ratio Lower Upper

278 100

139 10.9 9.0 13.6

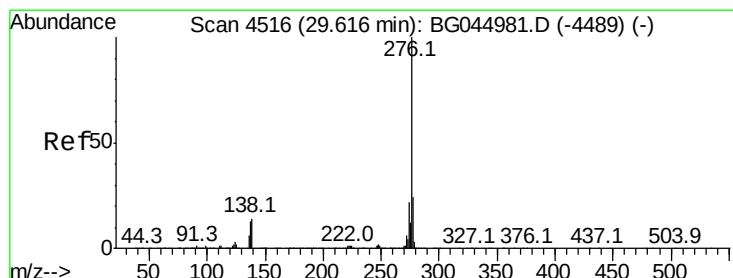
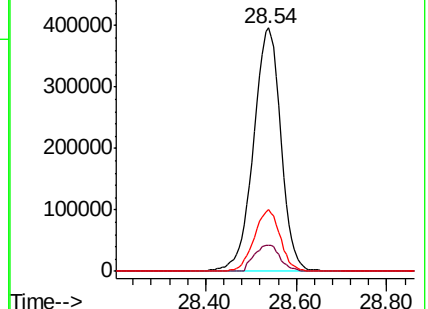
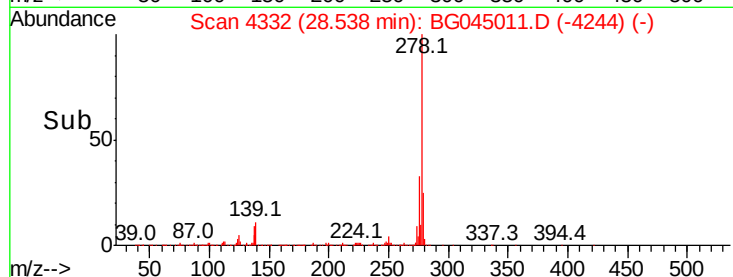
279 25.1 18.4 27.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 47.368 ng

RT: 29.60 min Scan# 4513

Delta R.T. -0.02 min

Lab File: BG045011.D

Acq: 16 Apr 2020 18:11

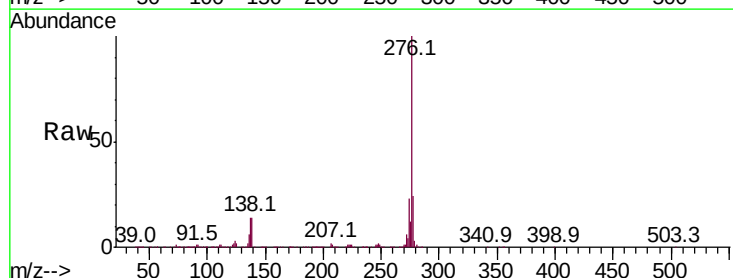
Tgt Ion:276 Resp: 1669651

Ion Ratio Lower Upper

276 100

277 23.9 19.3 28.9

138 14.2 11.4 17.2



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

