

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041720\
 Data File : BG045046.D
 Acq On : 18 Apr 2020 1:07
 Operator : CG/JU
 Sample : PB128298BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB128298BS

Quant Time: Apr 18 02:25:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 17 11:08:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	56408	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	247825	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	199770	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	486721	20.00	ng	0.00
76) Chrysene-d12	21.67	240	448629	20.00	ng	0.00
87) Perylene-d12	24.85	264	502912	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	504075	147.53	ng	0.00
7) Phenol-d6	7.19	99	745116	146.78	ng	0.00
23) Nitrobenzene-d5	9.18	82	469981	86.53	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	423945	137.37	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1189013	87.27	ng	0.00
79) Terphenyl-d14	20.01	244	2008950	97.60	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	51783	34.103	ng	95
3) Pyridine	3.88	79	155461	33.252	ng	93
4) n-Nitrosodimethylamine	3.79	42	64185	44.816	ng	83
6) Aniline	7.34	93	220310	33.379	ng	97
8) 2-Chlorophenol	7.59	128	194331	52.922	ng	99
9) Benzaldehyde	7.15	77	92238	29.635	ng	97
10) Phenol	7.21	94	268220	52.801	ng	96
11) bis(2-Chloroethyl)ether	7.44	93	175530	43.400	ng	99
12) 1,3-Dichlorobenzene	7.92	146	190397	44.002	ng	99
13) 1,4-Dichlorobenzene	8.06	146	194025	45.001	ng	99
14) 1,2-Dichlorobenzene	8.38	146	184997	44.849	ng	98
15) Benzyl Alcohol	8.26	79	199823	46.950	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.55	45	166916	42.043	ng	98
17) 2-Methylphenol	8.46	107	185583	47.351	ng	94
18) Hexachloroethane	9.12	117	72598	44.790	ng	97
19) n-Nitroso-di-n-propylamine	8.83	70	167940	46.780	ng	99
20) 3+4-Methylphenols	8.79	107	262283	47.810	ng	99
22) Acetophenone	8.84	105	301508	44.989	ng	# 99
24) Nitrobenzene	9.22	77	247309	44.421	ng	# 94
25) Isophorone	9.75	82	486713	43.759	ng	98
26) 2-Nitrophenol	9.94	139	114787	47.866	ng	97
27) 2,4-Dimethylphenol	10.00	122	195838	51.467	ng	97
28) bis(2-Chloroethoxy)methane	10.23	93	270152	46.228	ng	99
29) 2,4-Dichlorophenol	10.48	162	224265	51.042	ng	96
30) 1,2,4-Trichlorobenzene	10.70	180	227437	45.720	ng	98
31) Naphthalene	10.88	128	616222	45.453	ng	98
32) Benzoic acid	10.15	122	140534	46.021	ng	97
33) 4-Chloroaniline	10.98	127	74155	11.729	ng	95
34) Hexachlorobutadiene	11.18	225	152345	44.667	ng	96
35) Caprolactam	11.75	113	48971	28.005	ng	91
36) 4-Chloro-3-methylphenol	12.11	107	265450	51.429	ng	99
37) 2-Methylnaphthalene	12.49	142	491119	46.671	ng	97
38) 1-Methylnaphthalene	12.70	142	477488	48.066	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	275408	42.818	ng	99

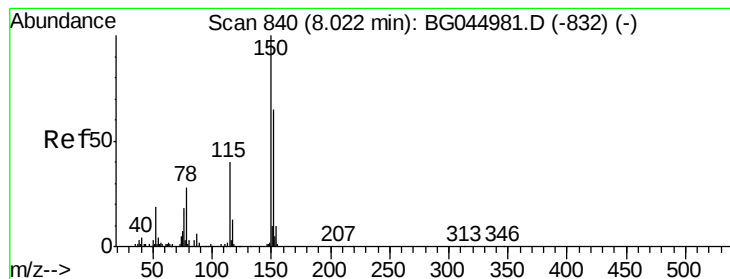
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041720\
 Data File : BG045046.D
 Acq On : 18 Apr 2020 1:07
 Operator : CG/JU
 Sample : PB128298BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB128298BS

Quant Time: Apr 18 02:25:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 17 11:08:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	405743	100.928	ng	98
43) 2,4,6-Trichlorophenol	13.09	196	212409	46.791	ng	94
44) 2,4,5-Trichlorophenol	13.16	196	230924	44.691	ng	99
46) 1,1'-Biphenyl	13.49	154	655506	43.171	ng	99
47) 2-Chloronaphthalene	13.53	162	507173	43.714	ng	99
48) 2-Nitroaniline	13.73	65	169635	44.439	ng	98
49) Acenaphthylene	14.38	152	852985	45.136	ng	100
50) Dimethylphthalate	14.11	163	736952	45.306	ng	98
51) 2,6-Dinitrotoluene	14.23	165	161832	44.480	ng	96
52) Acenaphthene	14.73	154	548630	42.907	ng	98
53) 3-Nitroaniline	14.55	138	81875	20.518	ng	95
54) 2,4-Dinitrophenol	14.76	184	218750	101.113	ng	98
55) Dibenzofuran	15.06	168	845621	45.362	ng	99
56) 4-Nitrophenol	14.87	139	276443	89.349	ng	93
57) 2,4-Dinitrotoluene	15.01	165	235572	44.306	ng	97
58) Fluorene	15.71	166	704361	46.258	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.28	232	230439	50.121	ng	98
60) Diethylphthalate	15.48	149	767732	45.270	ng	99
61) 4-Chlorophenyl-phenylether	15.70	204	401142	45.770	ng	98
62) 4-Nitroaniline	15.72	138	170448	41.183	ng	96
63) Azobenzene	15.99	77	720110	46.055	ng	98
65) 4,6-Dinitro-2-methylphenol	15.78	198	158108	49.421	ng	98
66) n-Nitrosodiphenylamine	15.91	169	638447	45.654	ng	98
67) 4-Bromophenyl-phenylether	16.59	248	279307	44.482	ng	97
68) Hexachlorobenzene	16.72	284	300043	46.074	ng	97
69) Atrazine	16.86	200	263025	52.347	ng	99
70) Pentachlorophenol	17.06	266	373790	93.565	ng	99
71) Phenanthrene	17.45	178	1150155	45.985	ng	99
72) Anthracene	17.54	178	1173249	46.764	ng	100
73) Carbazole	17.80	167	1074450	42.201	ng	99
74) Di-n-butylphthalate	18.37	149	1279262	46.339	ng	99
75) Fluoranthene	19.45	202	1405449	48.254	ng	98
77) Benzidine	19.62	184	672779	52.809	ng	98
78) Pyrene	19.81	202	1364652	44.123	ng	99
80) Butylbenzylphthalate	20.70	149	562279	43.858	ng	97
81) Benzo(a)anthracene	21.65	228	1338965	46.048	ng	99
82) 3,3'-Dichlorobenzidine	21.56	252	342616	29.603	ng	98
83) Chrysene	21.72	228	1282283	45.897	ng	100
84) Bis(2-ethylhexyl)phthalate	21.57	149	798346	45.277	ng	98
85) Di-n-octyl phthalate	22.77	149	1368851	44.894	ng	100
86) Indeno(1,2,3-cd)pyrene	28.48	276	1766452	47.622	ng	# 97
88) Benzo(b)fluoranthene	23.85	252	1463881	46.469	ng	99
89) Benzo(k)fluoranthene	23.91	252	1419212	47.372	ng	99
90) Benzo(a)pyrene	24.71	252	1358956	45.690	ng	99
91) Dibenzo(a,h)anthracene	28.55	278	1423585	47.500	ng	96
92) Benzo(g,h,i)perylene	29.61	276	1432861	47.687	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.02 min Scan# 840

Delta R.T. -0.00 min

Lab File: BG045046.D

Acq: 18 Apr 2020 1:07

Instrument :

BNA_G

ClientSampleId :

PB128298BS

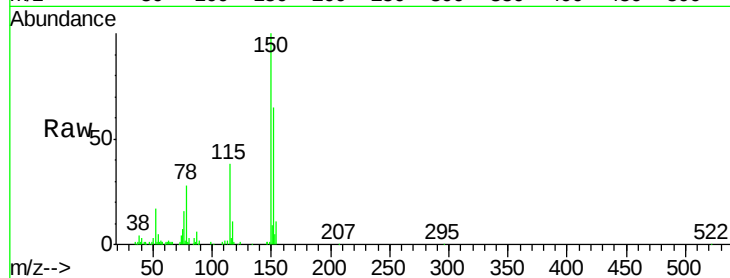
Tot Ion:152 Resp: 56408

Ion Ratio Lower Upper

152 100

150 153.5 123.6 185.4

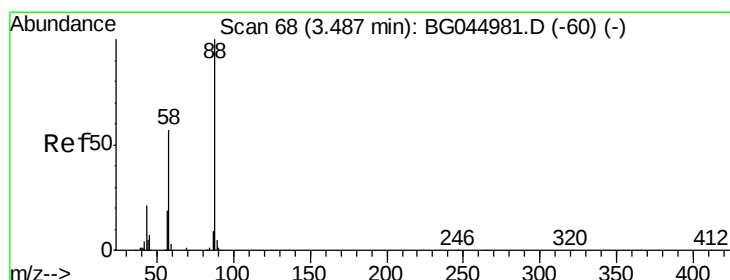
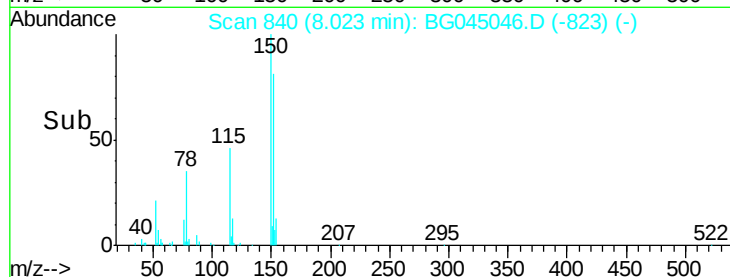
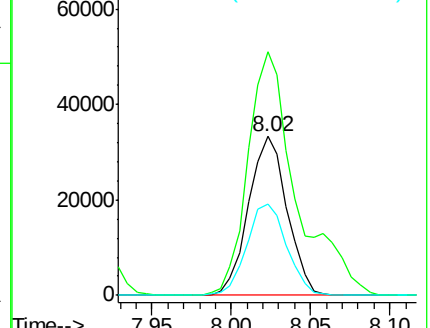
115 57.6 49.1 73.7



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: 34.103 ng

RT: 3.49 min Scan# 68

Delta R.T. -0.00 min

Lab File: BG045046.D

Acq: 18 Apr 2020 1:07

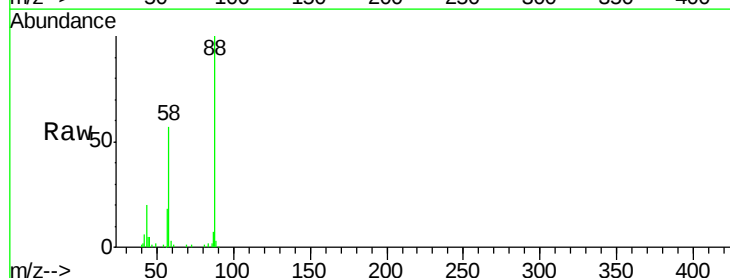
Tgt Ion: 88 Resp: 51783

Ion Ratio Lower Upper

88 100

58 62.1 46.6 69.8

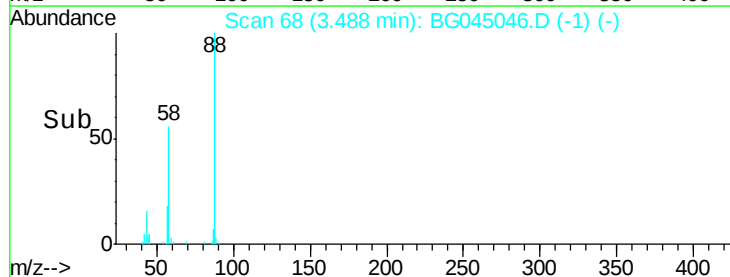
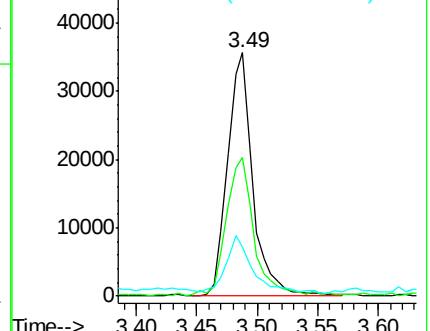
43 24.3 17.5 26.3

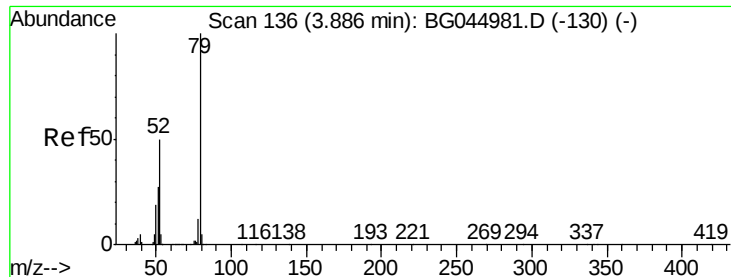


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 33.252 ng

RT: 3.88 min Scan# 135

Delta R.T. -0.00 min

Lab File: BG045046.D

Acq: 18 Apr 2020 1:07

Instrument :

BNA_G

ClientSampleId :

PB128298BS

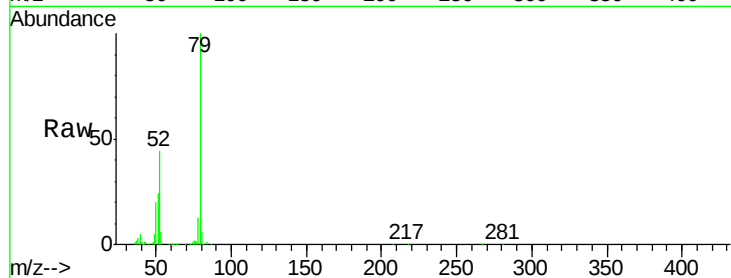
Tot Ion: 79 Resp: 155461

Ion Ratio Lower Upper

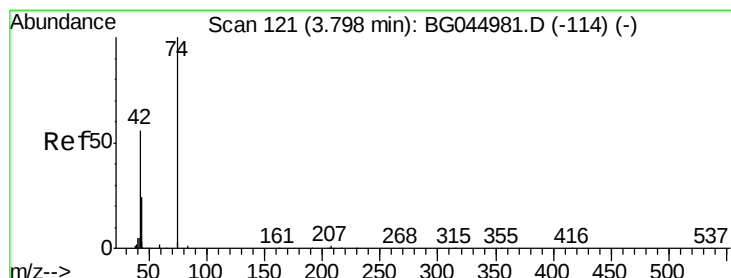
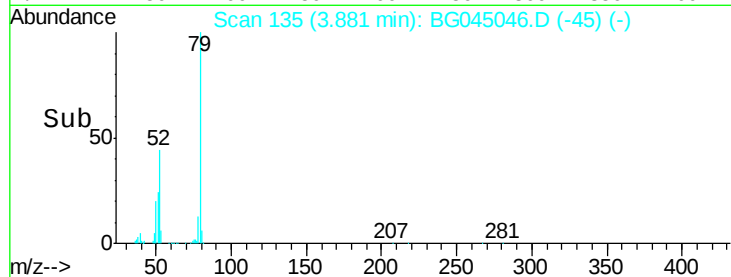
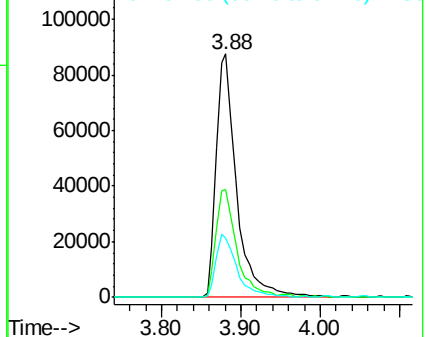
79 100

52 44.3 39.8 59.6

51 24.4 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: 44.816 ng

RT: 3.79 min Scan# 119

Delta R.T. -0.01 min

Lab File: BG045046.D

Acq: 18 Apr 2020 1:07

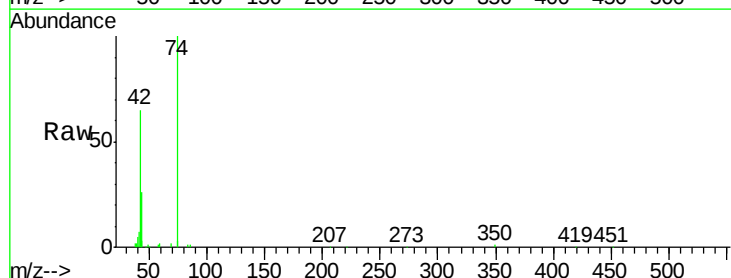
Tgt Ion: 42 Resp: 64185

Ion Ratio Lower Upper

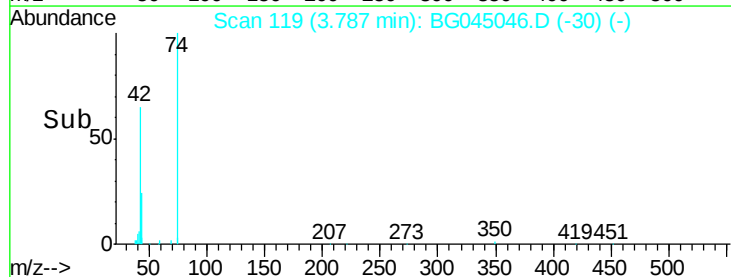
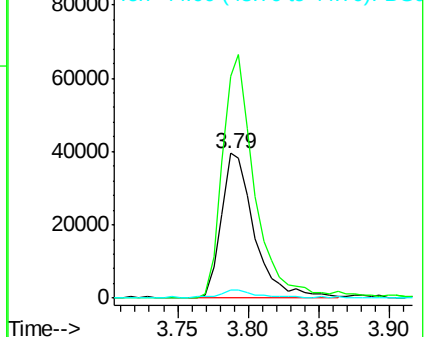
42 100

74 153.5 143.0 214.6

44 5.3 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: 147.532 ng

RT: 5.59 min Scan# 426

Delta R.T. -0.00 min

Lab File: BG045046.D

Acq: 18 Apr 2020 1:07

Instrument :

BNA_G

ClientSampleId :

PB128298BS

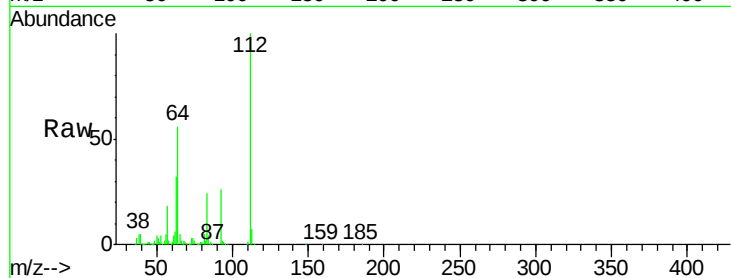
Tot Ion:112 Resp: 504075

Ion Ratio Lower Upper

112 100

64 55.7 42.4 63.6

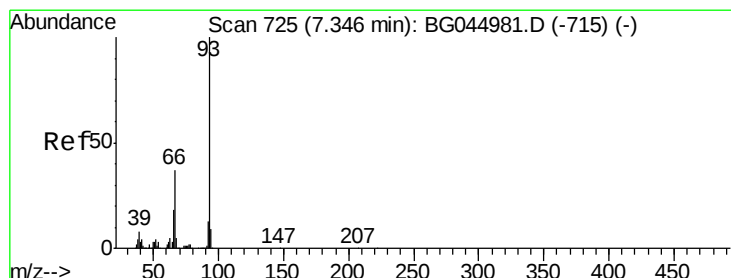
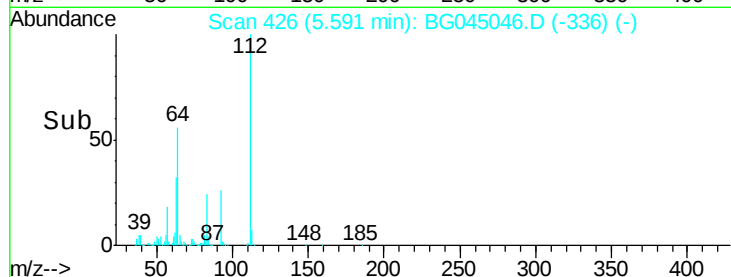
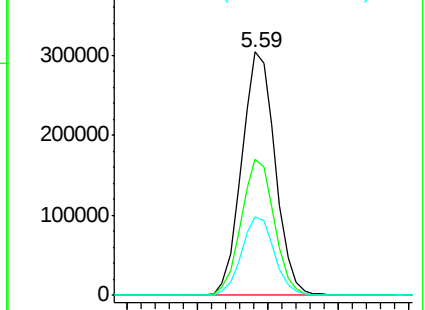
63 32.3 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 33.379 ng

RT: 7.34 min Scan# 724

Delta R.T. -0.00 min

Lab File: BG045046.D

Acq: 18 Apr 2020 1:07

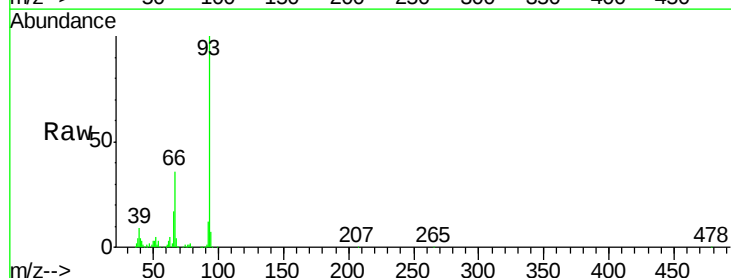
Tgt Ion: 93 Resp: 220310

Ion Ratio Lower Upper

93 100

66 35.9 29.8 44.8

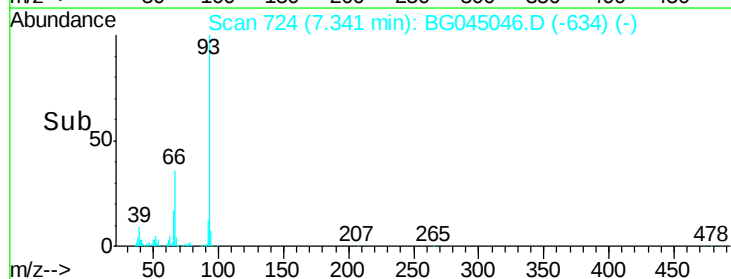
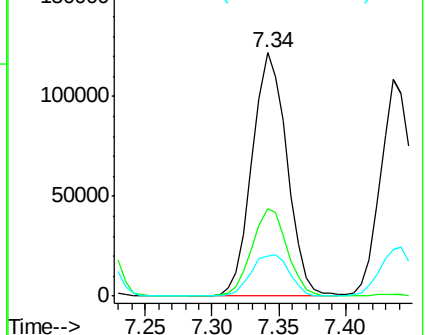
65 16.7 14.6 22.0



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: 146.781 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG045046.D

Acq: 18 Apr 2020 1:07

Instrument :

BNA_G

ClientSampleId :

PB128298BS

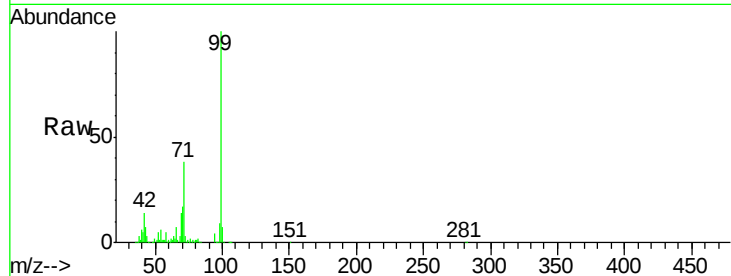
Tot Ion: 99 Resp: 745116

Ion Ratio Lower Upper

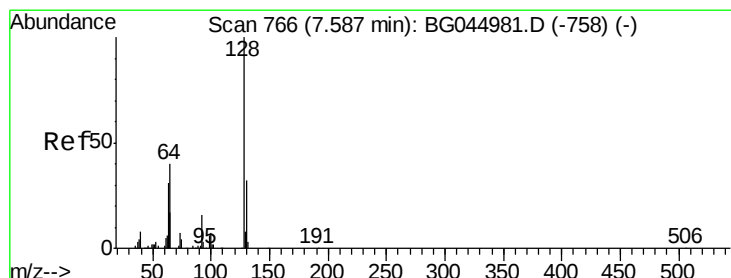
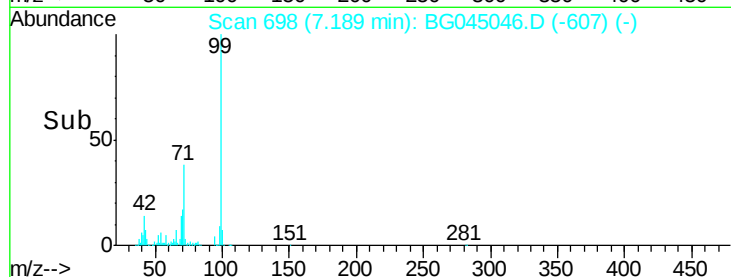
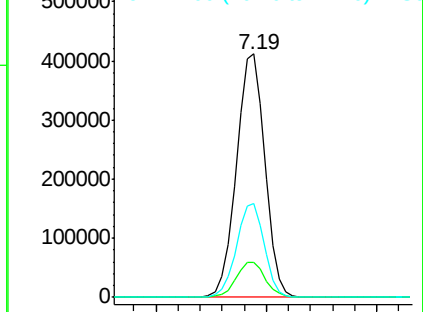
99 100

42 14.4 11.3 16.9

71 38.4 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: 52.922 ng

RT: 7.59 min Scan# 766

Delta R.T. -0.00 min

Lab File: BG045046.D

Acq: 18 Apr 2020 1:07

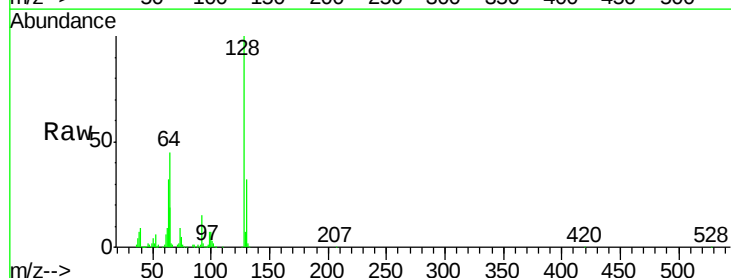
Tgt Ion: 128 Resp: 194331

Ion Ratio Lower Upper

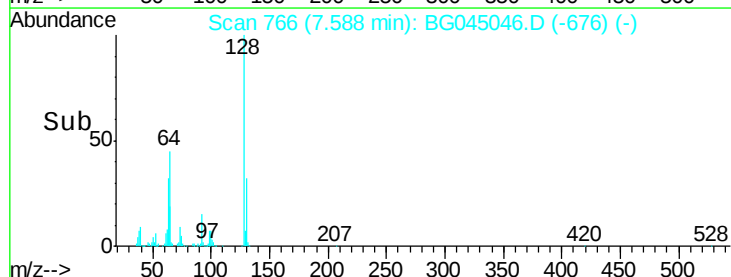
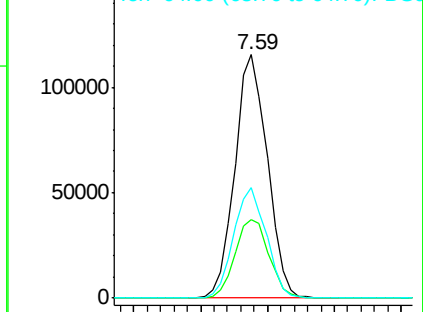
128 100

130 32.4 12.3 52.3

64 45.5 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: 29.635 ng

RT: 7.15 min Scan# 692

Delta R.T. -0.00 min

Lab File: BG045046.D

Acq: 18 Apr 2020 1:07

Instrument :

BNA_G

ClientSampleId :

PB128298BS

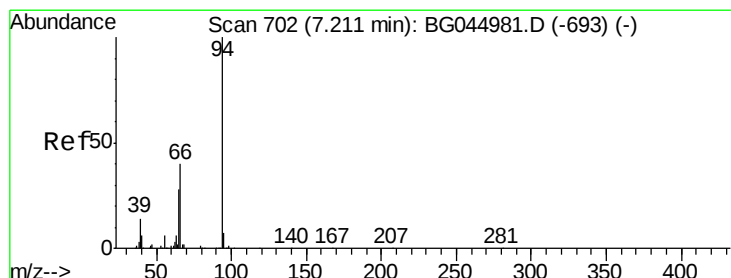
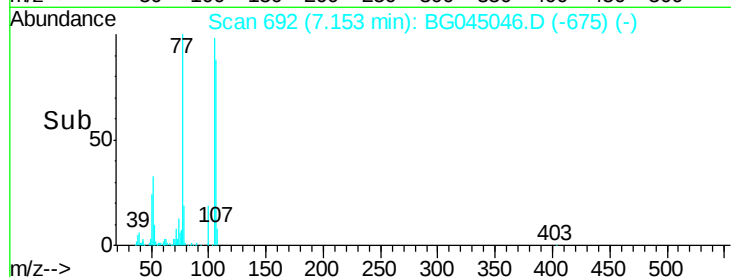
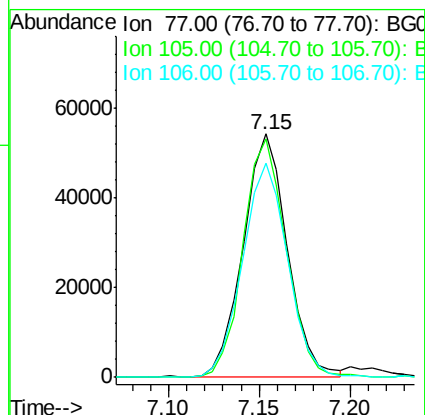
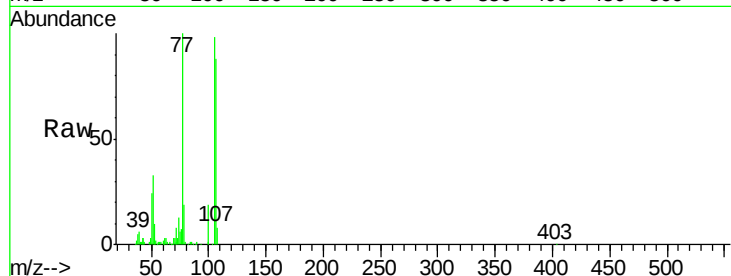
Tot Ion: 77 Resp: 92238

Ion Ratio Lower Upper

77 100

105 97.9 72.9 112.9

106 87.7 67.6 107.6



#10

Phenol

Concen: 52.801 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.00 min

Lab File: BG045046.D

Acq: 18 Apr 2020 1:07

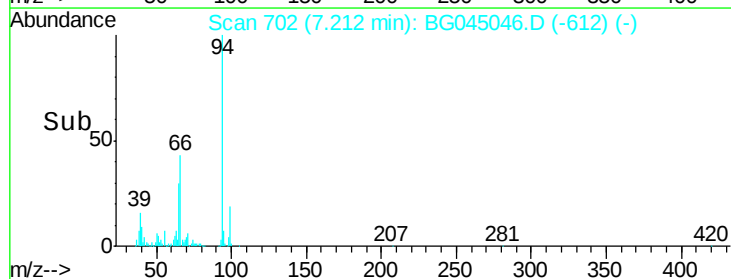
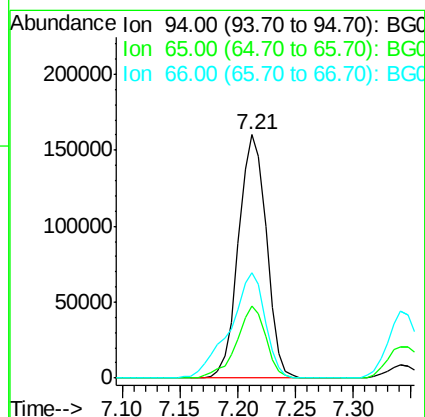
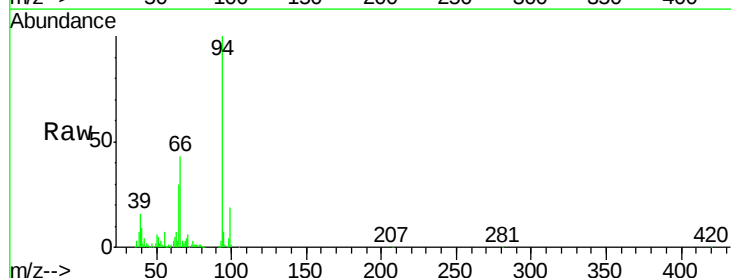
Tgt Ion: 94 Resp: 268220

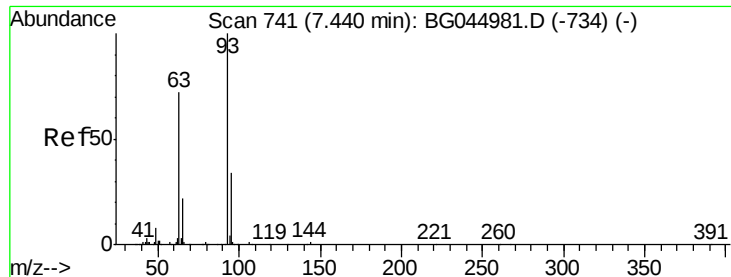
Ion Ratio Lower Upper

94 100

65 29.9 8.2 48.2

66 43.4 20.4 60.4

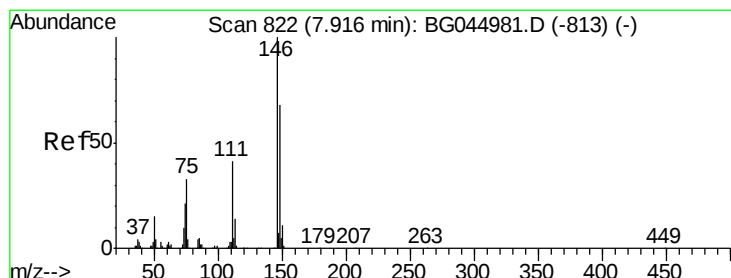
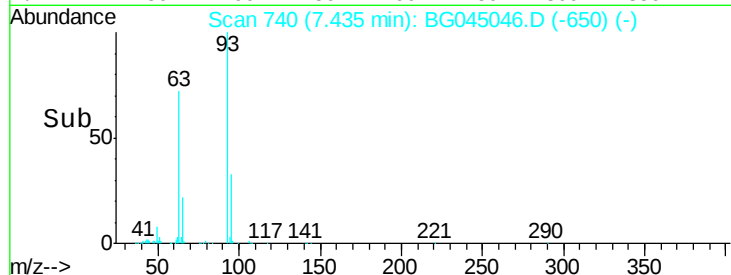
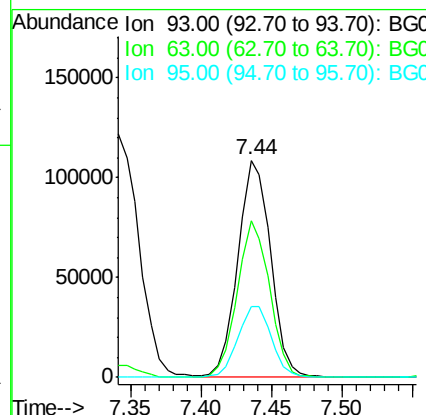
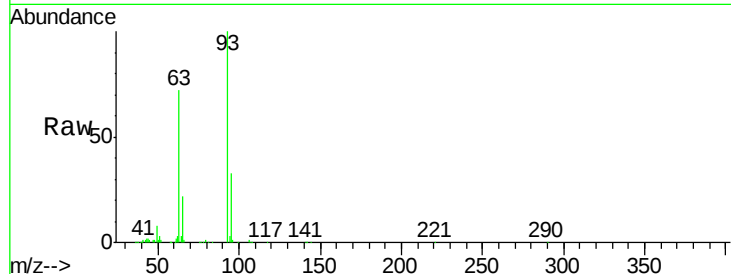




#11
 bis(2-Chloroethyl)ether
 Concen: 43.400 ng
 RT: 7.44 min Scan# 740
 Delta R.T. -0.00 min
 Lab File: BG045046.D
 Acq: 18 Apr 2020 1:07

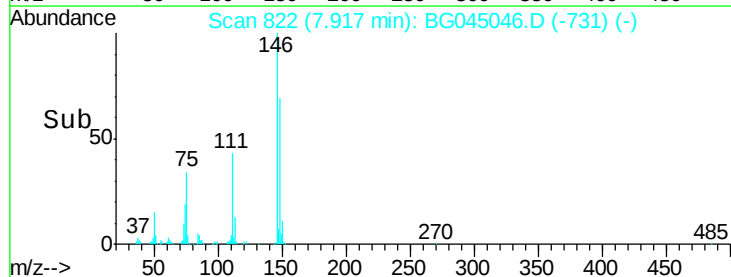
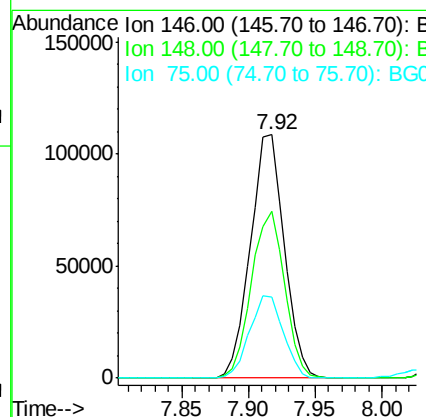
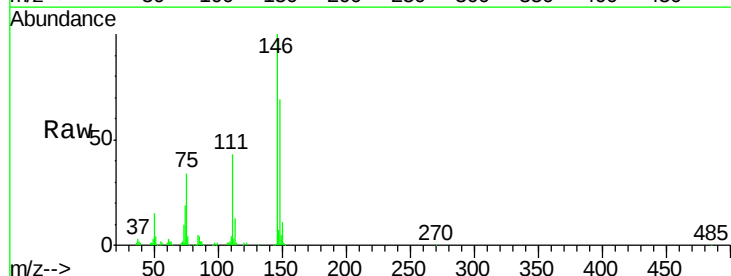
Instrument :
 BNA_G
 ClientSampleId :
 PB128298BS

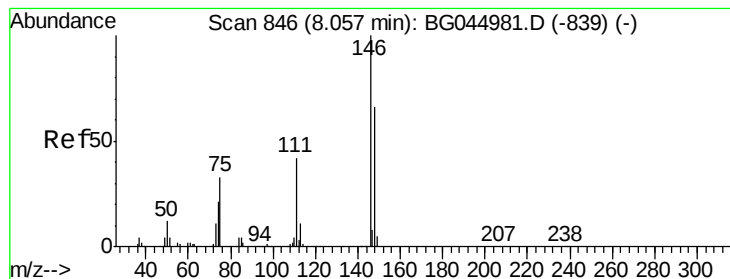
Tot Ion	93	Resp	175530
Ion Ratio	Lower	Upper	
93	100		
63	72.1	51.8	91.8
95	32.6	13.8	53.8



#12
 1,3-Dichlorobenzene
 Concen: 44.002 ng
 RT: 7.92 min Scan# 822
 Delta R.T. 0.00 min
 Lab File: BG045046.D
 Acq: 18 Apr 2020 1:07

Tgt Ion	146	Resp	190397
Ion Ratio	Lower	Upper	
146	100		
148	68.6	54.6	81.8
75	33.5	26.0	39.0





#13

1,4-Dichlorobenzene

Concen: 45.001 ng

RT: 8.06 min Scan# 846

Delta R.T. -0.00 min

Lab File: BG045046.D

Acq: 18 Apr 2020 1:07

Instrument :

BNA_G

ClientSampleId :

PB128298BS

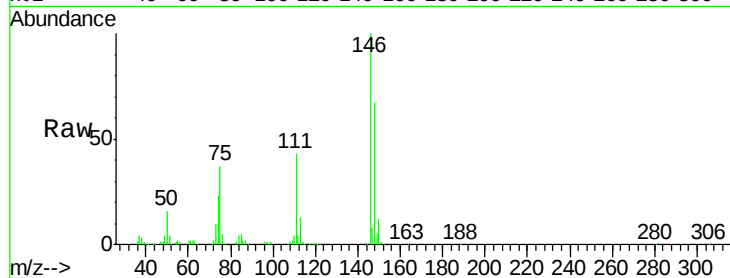
Tot Ion:146 Resp: 194025

Ion Ratio Lower Upper

146 100

148 66.9 53.3 79.9

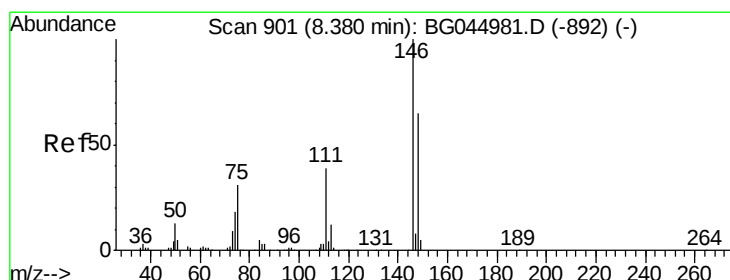
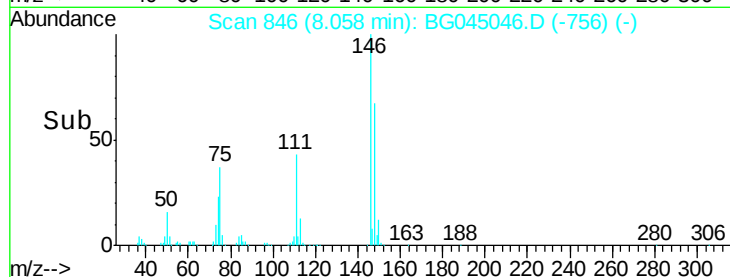
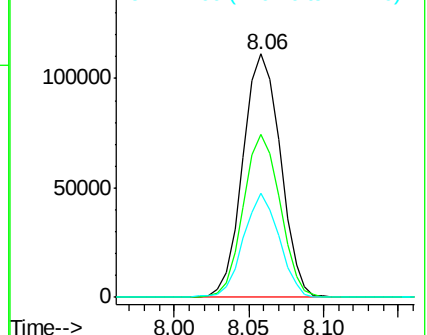
111 42.9 33.8 50.8



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: 44.849 ng

RT: 8.38 min Scan# 901

Delta R.T. 0.00 min

Lab File: BG045046.D

Acq: 18 Apr 2020 1:07

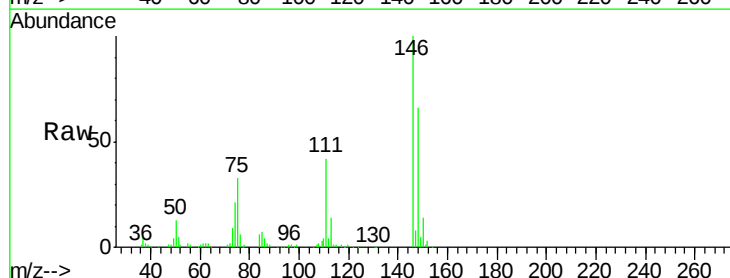
Tgt Ion:146 Resp: 184997

Ion Ratio Lower Upper

146 100

148 65.9 51.9 77.9

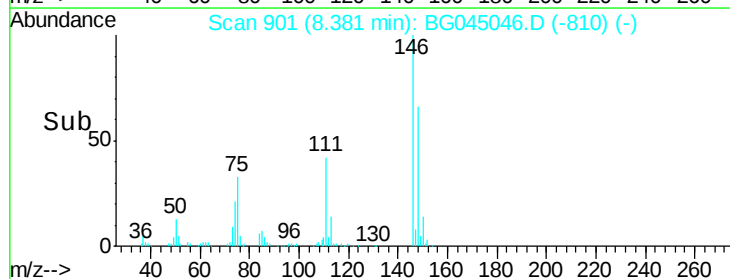
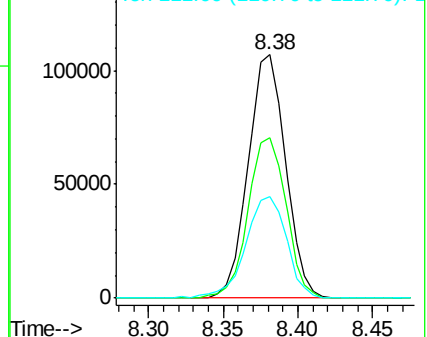
111 41.6 31.3 46.9

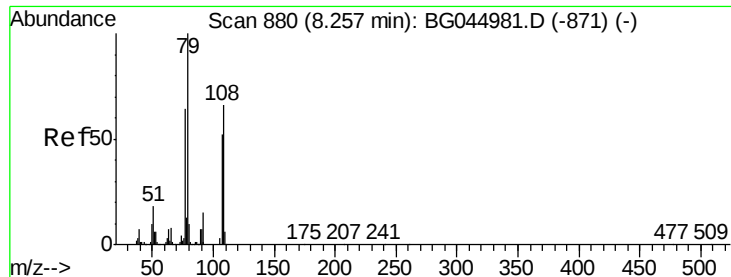


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 46.950 ng

RT: 8.26 min Scan# 880

Delta R.T. 0.00 min

Lab File: BG045046.D

Acq: 18 Apr 2020 1:07

Instrument :

BNA_G

ClientSampleId :

PB128298BS

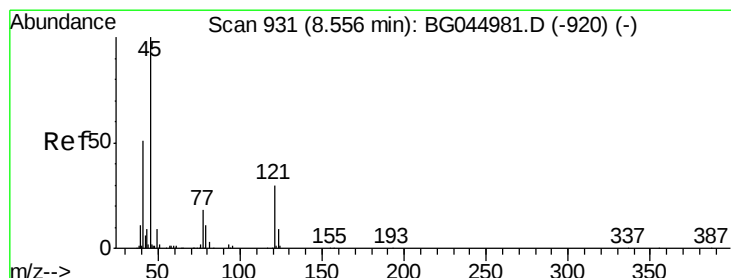
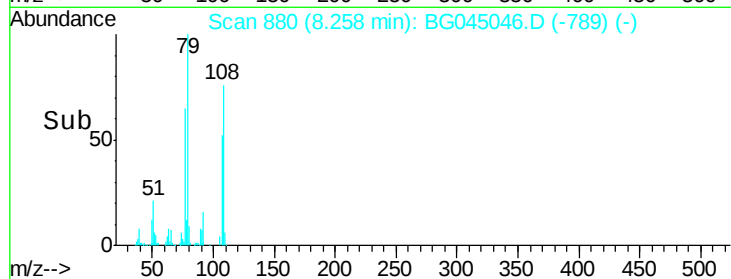
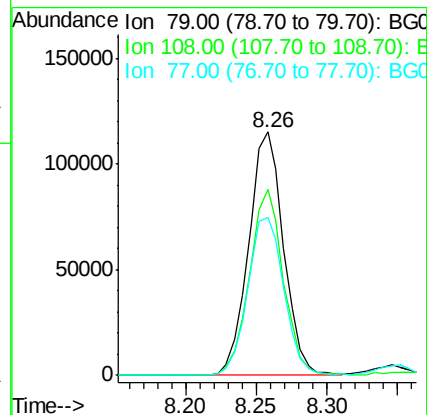
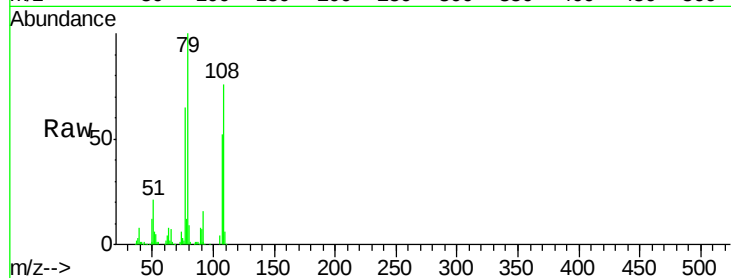
Tot Ion: 79 Resp: 199823

Ion Ratio Lower Upper

79 100

108 76.5 52.7 79.1

77 64.8 51.3 76.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.043 ng

RT: 8.55 min Scan# 930

Delta R.T. 0.00 min

Lab File: BG045046.D

Acq: 18 Apr 2020 1:07

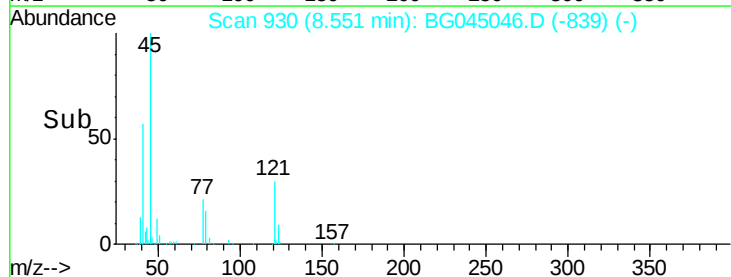
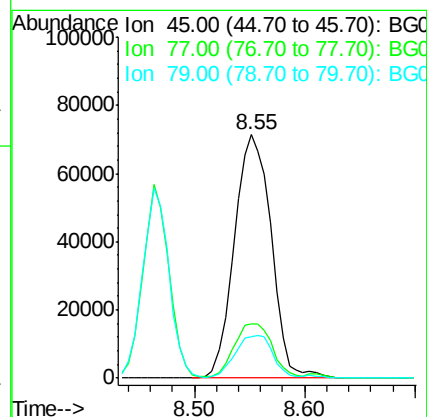
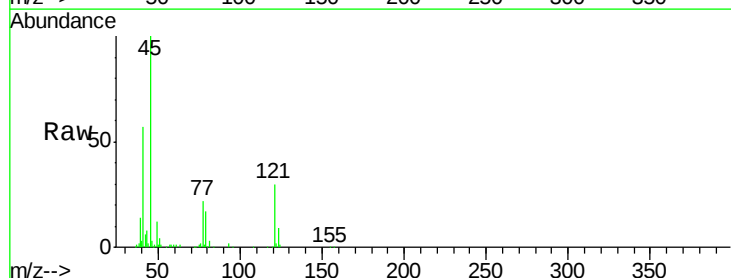
Tgt Ion: 45 Resp: 166916

Ion Ratio Lower Upper

45 100

77 22.1 1.9 41.9

79 16.8 0.0 35.5





#17

2-Methylphenol

Concen: 47.351 ng

RT: 8.46 min Scan# 915

Delta R.T. -0.00 min

Lab File: BG045046.D

Acq: 18 Apr 2020 1:07

Instrument :

BNA_G

ClientSampleId :

PB128298BS

Tot Ion:107 Resp: 185583

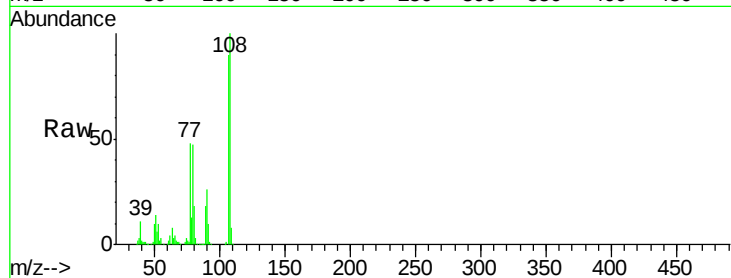
Ion Ratio Lower Upper

107 100

108 111.1 93.8 140.6

77 53.8 38.5 57.7

79 52.7 40.1 60.1

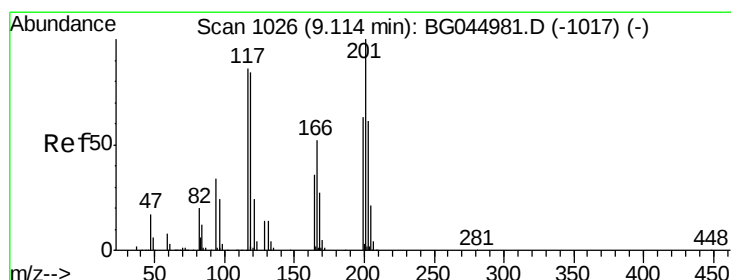
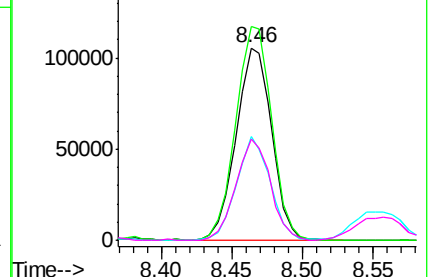
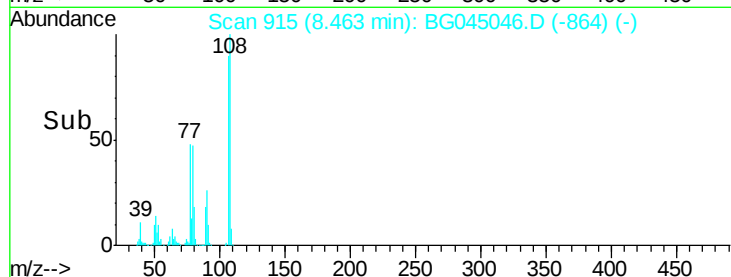


Abundance Ion 107.00 (106.70 to 107.70): E

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: 44.790 ng

RT: 9.12 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BG045046.D

Acq: 18 Apr 2020 1:07

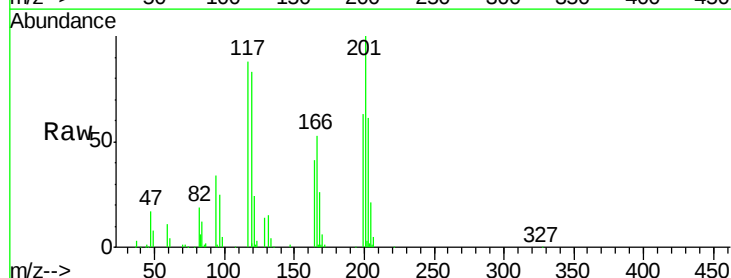
Tgt Ion:117 Resp: 72598

Ion Ratio Lower Upper

117 100

119 94.3 78.3 117.5

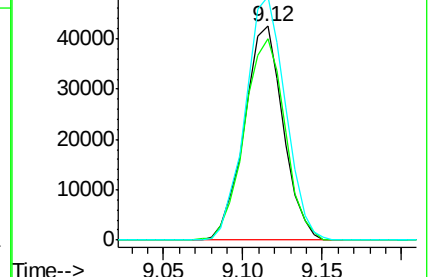
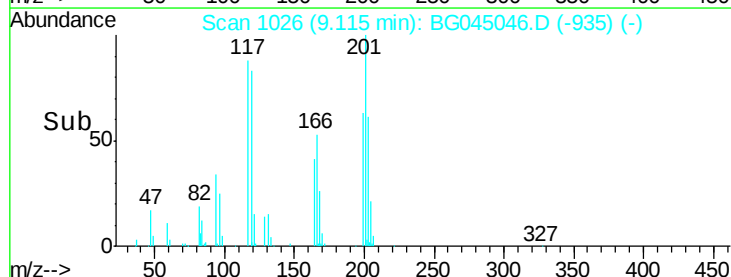
201 113.9 92.9 139.3

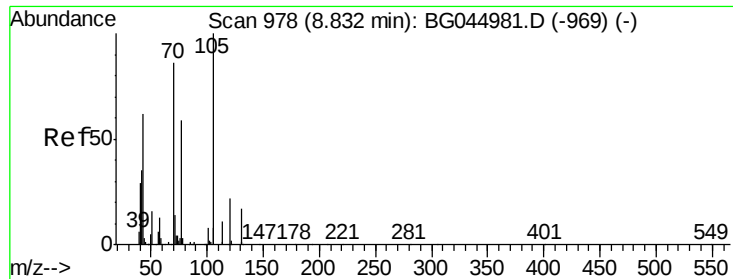


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

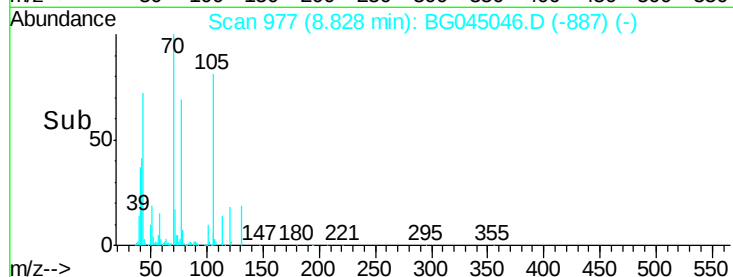
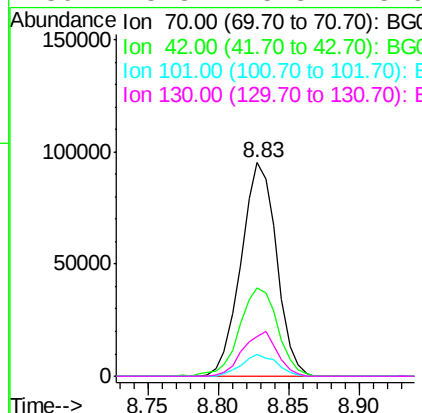
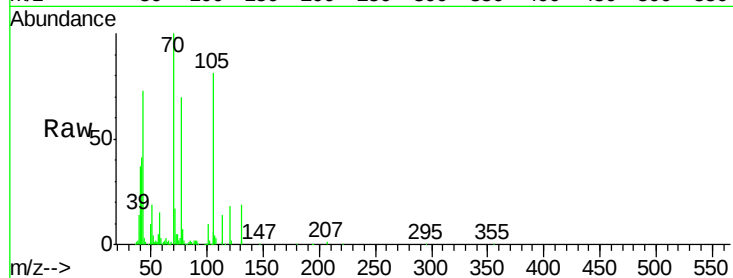




#19
n-Nitroso-di-n-propylamine
Concen: 46.780 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BG045046.D
Acq: 18 Apr 2020 1:07

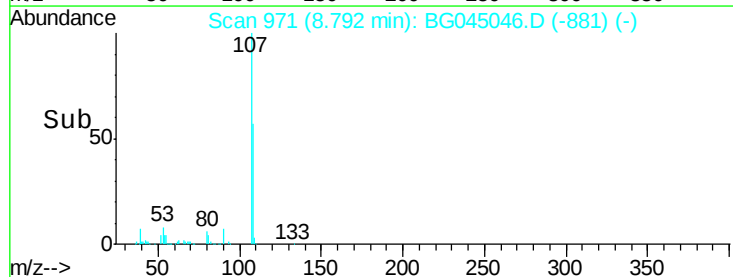
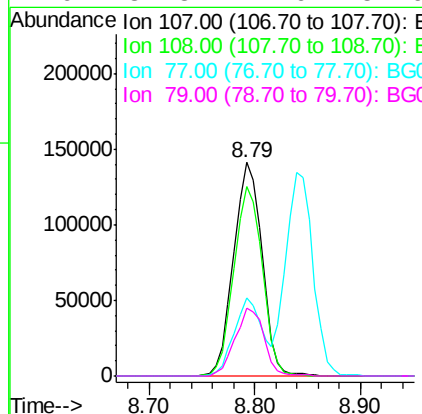
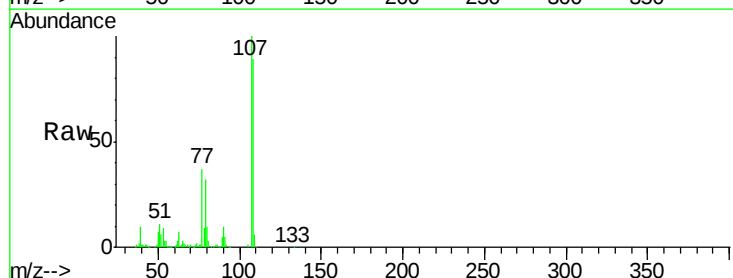
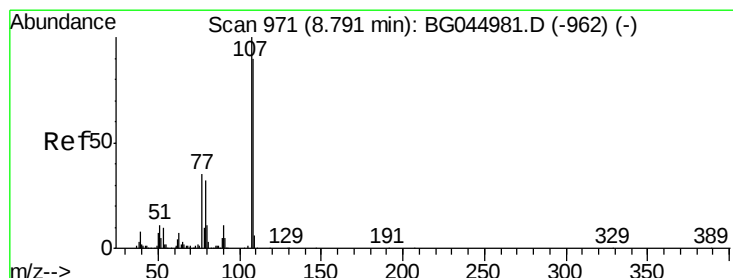
Instrument :
BNA_G
ClientSampleId :
PB128298BS

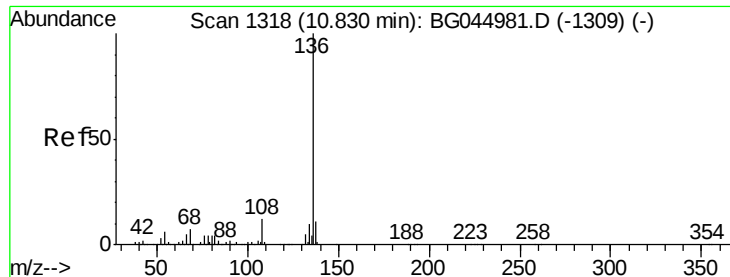
Tot Ion:	70	Resp:	167940
Ion	Ratio	Lower	Upper
70	100		
42	41.5	33.3	49.9
101	10.0	7.8	11.8
130	18.8	15.8	23.6



#20
3+4-Methylphenols
Concen: 47.810 ng
RT: 8.79 min Scan# 971
Delta R.T. -0.00 min
Lab File: BG045046.D
Acq: 18 Apr 2020 1:07

Tgt Ion:	107	Resp:	262283
Ion	Ratio	Lower	Upper
107	100		
108	88.9	69.9	109.9
77	36.7	15.2	55.2
79	31.8	11.6	51.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1318

Delta R.T. -0.00 min

Lab File: BG045046.D

Acq: 18 Apr 2020 1:07

Instrument :

BNA_G

ClientSampleId :

PB128298BS

Tot Ion:136 Resp: 247825

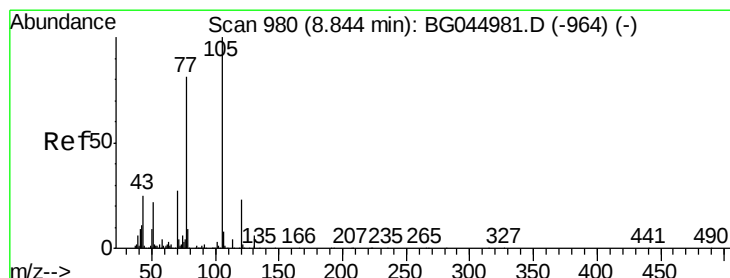
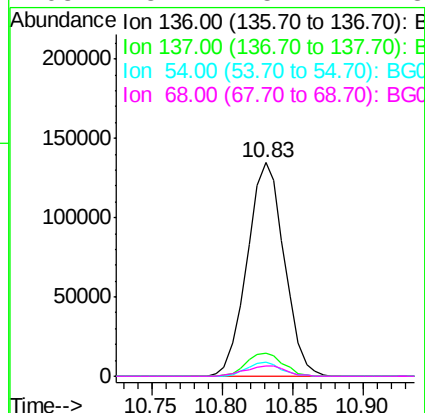
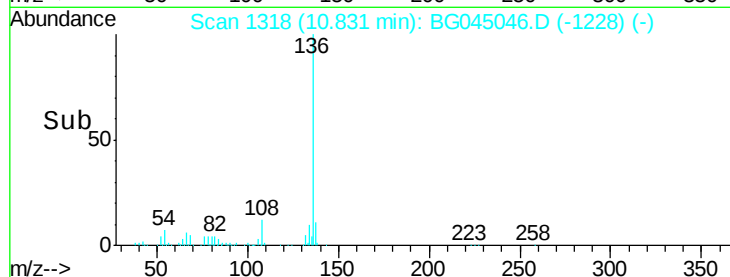
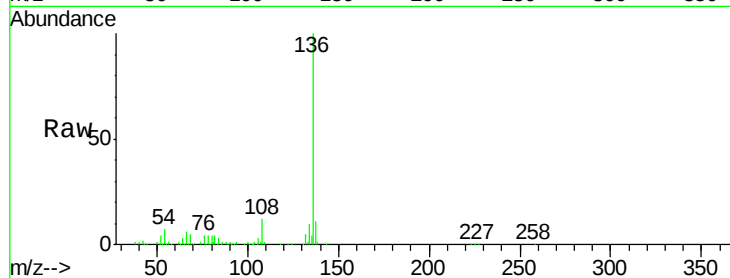
Ion Ratio Lower Upper

136 100

137 11.1 8.6 13.0

54 6.6 4.8 7.2

68 5.1 5.2 7.8#



#22

Acetophenone

Concen: 44.989 ng

RT: 8.84 min Scan# 979

Delta R.T. -0.00 min

Lab File: BG045046.D

Acq: 18 Apr 2020 1:07

Tgt Ion:105 Resp: 301508

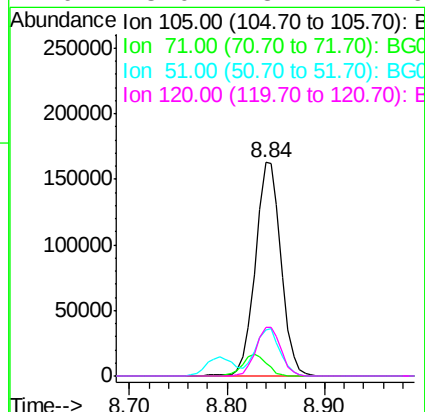
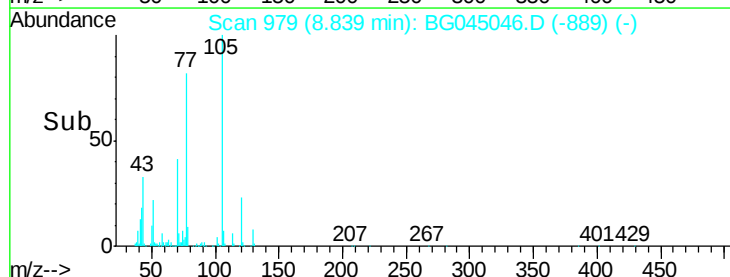
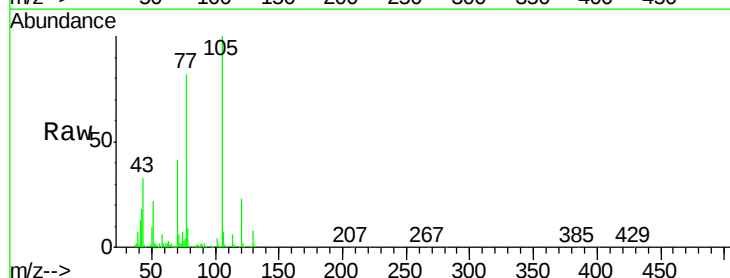
Ion Ratio Lower Upper

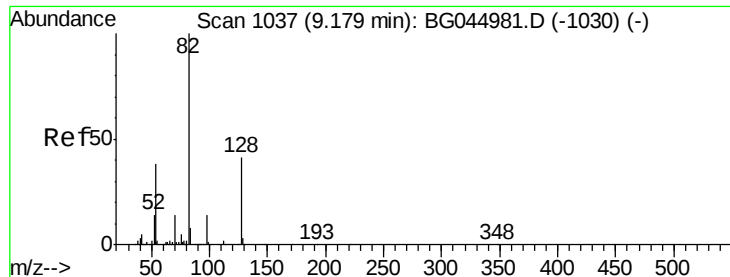
105 100

71 6.1 3.3 4.9#

51 21.8 17.3 25.9

120 23.0 18.4 27.6

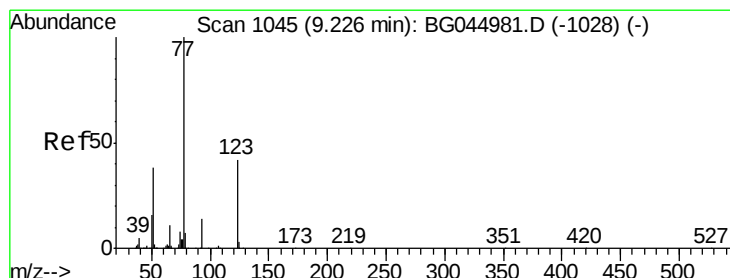
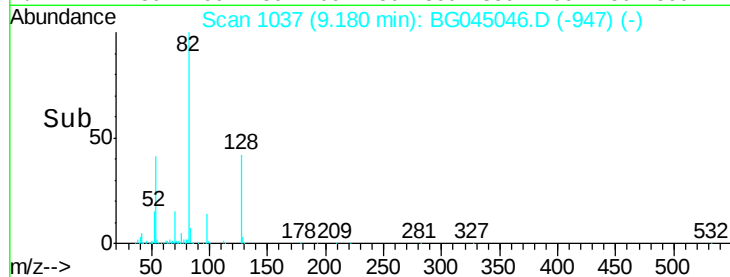
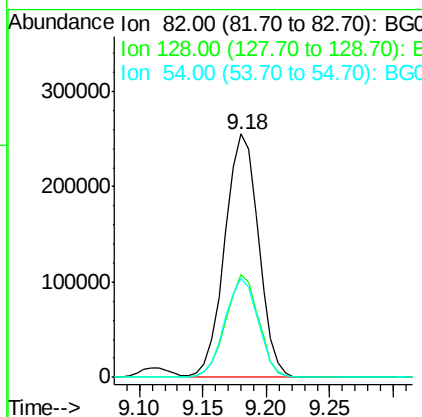
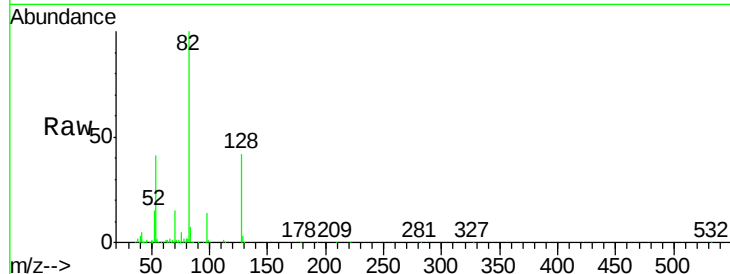




#23
 Nitrobenzene-d5
 Concen: 86.532 ng
 RT: 9.18 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: BG045046.D
 Acq: 18 Apr 2020 1:07

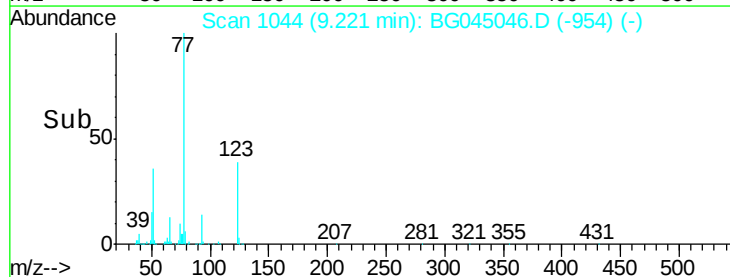
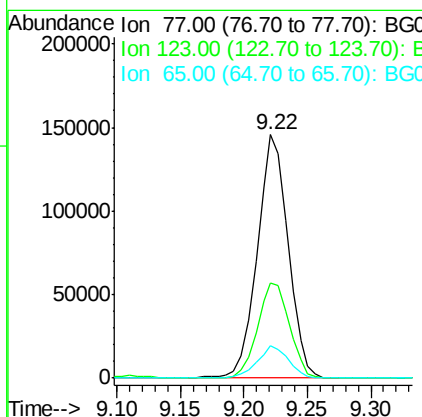
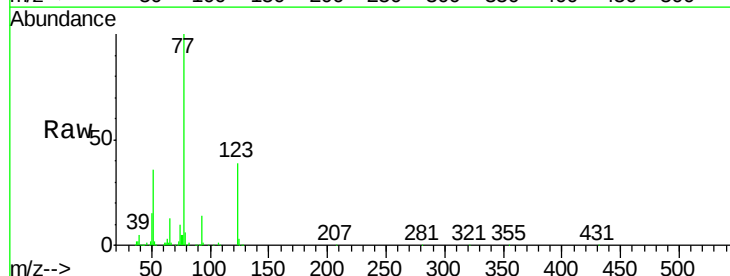
Instrument :
 BNA_G
 ClientSampleId :
 PB128298BS

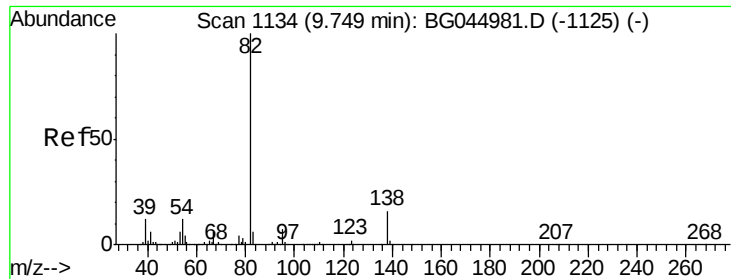
Tot Ion	82	Resp	469981
Ion Ratio	Lower	Upper	
82	100		
128	42.2	33.0	49.4
54	40.8	30.4	45.6



#24
 Nitrobenzene
 Concen: 44.421 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: BG045046.D
 Acq: 18 Apr 2020 1:07

Tgt Ion	77	Resp	247309
Ion Ratio	Lower	Upper	
77	100		
123	38.9	34.3	51.5
65	13.4	8.9	13.3#





#25

Isophorone

Concen: 43.759 ng

RT: 9.75 min Scan# 1134

Delta R.T. -0.00 min

Lab File: BG045046.D

Acq: 18 Apr 2020 1:07

Instrument :

BNA_G

ClientSampleId :

PB128298BS

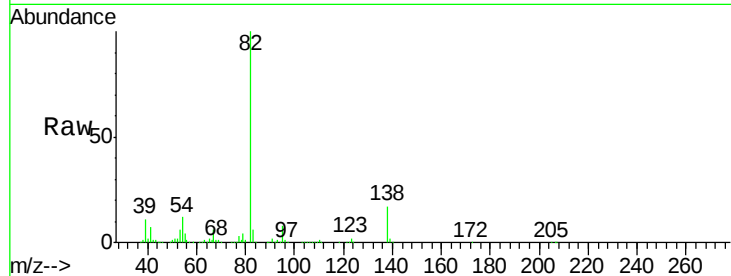
Tot Ion: 82 Resp: 486713

Ion Ratio Lower Upper

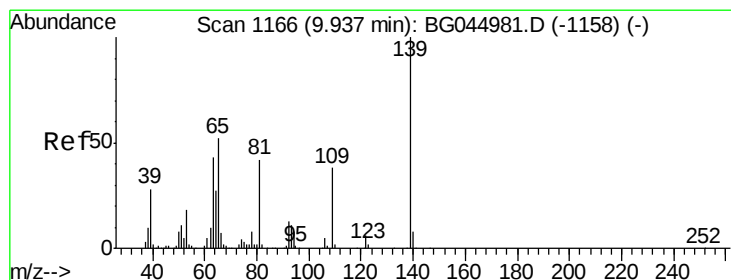
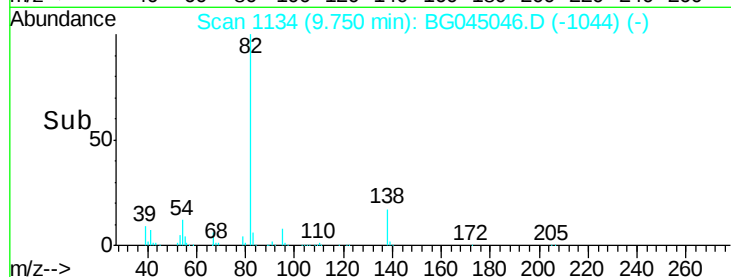
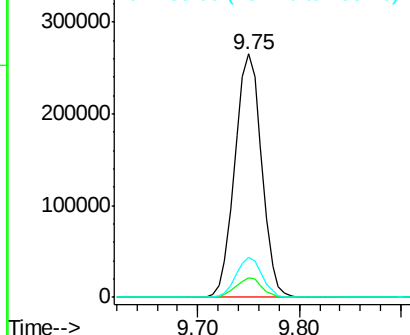
82 100

95 8.2 6.0 9.0

138 16.7 12.7 19.1



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



#26

2-Nitrophenol

Concen: 47.866 ng

RT: 9.94 min Scan# 1166

Delta R.T. -0.00 min

Lab File: BG045046.D

Acq: 18 Apr 2020 1:07

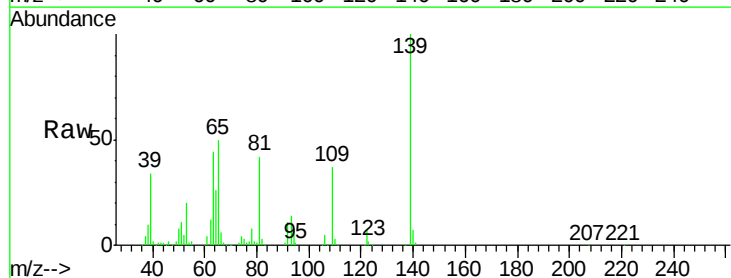
Tgt Ion: 139 Resp: 114787

Ion Ratio Lower Upper

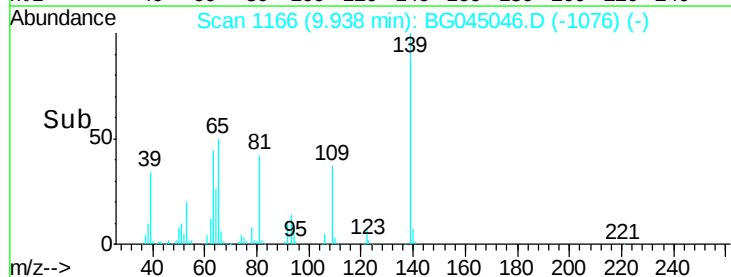
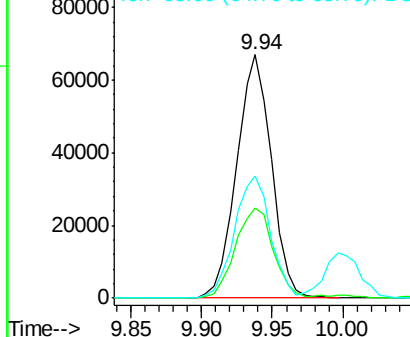
139 100

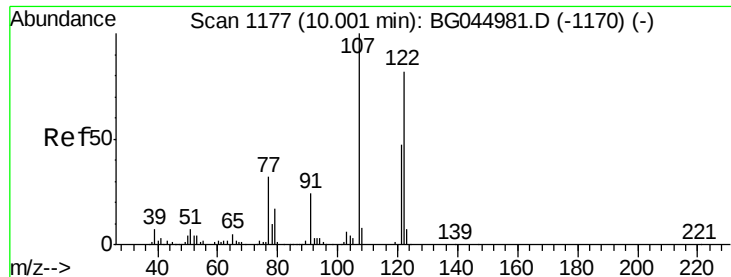
109 37.0 30.6 45.8

65 50.0 41.8 62.6



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

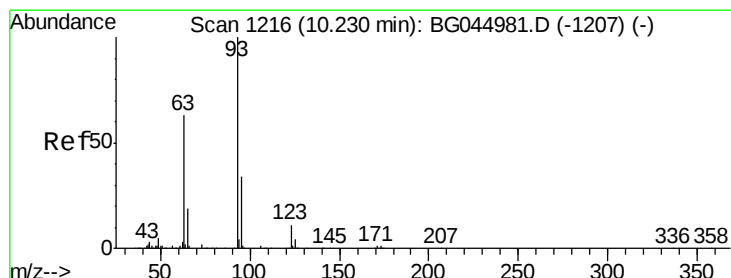
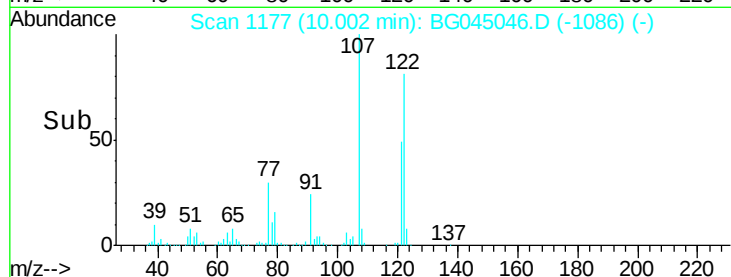
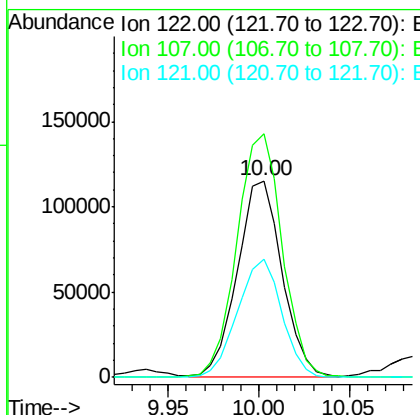
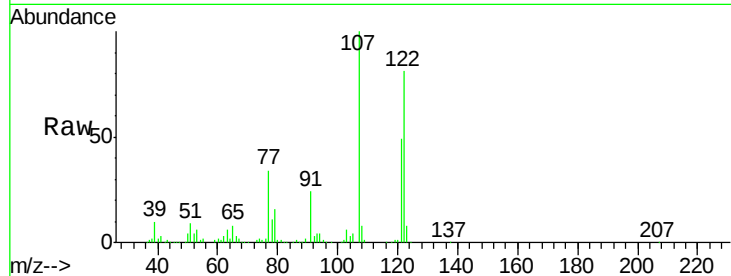




#27
2,4-Dimethylphenol
Concen: 51.467 ng
RT: 10.00 min Scan# 1177
Delta R.T. 0.00 min
Lab File: BG045046.D
Acq: 18 Apr 2020 1:07

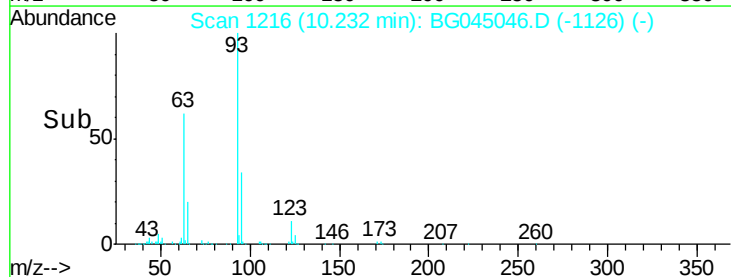
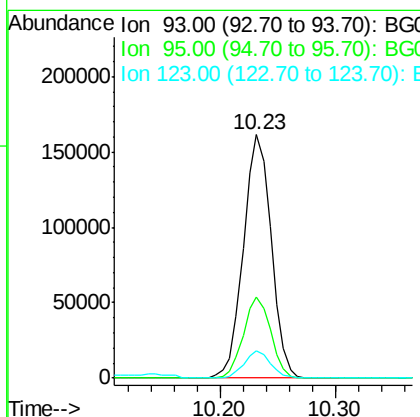
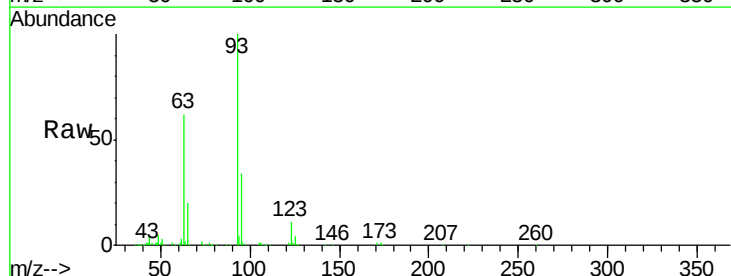
Instrument :
BNA_G
ClientSampleId :
PB128298BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	123.9	96.8	145.2
121	60.1	45.6	68.4



#28
bis(2-Chloroethoxy)methane
Concen: 46.228 ng
RT: 10.23 min Scan# 1216
Delta R.T. -0.00 min
Lab File: BG045046.D
Acq: 18 Apr 2020 1:07

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.5	27.0	40.4
123	11.4	8.7	13.1





#29

2,4-Dichlorophenol

Concen: 51.042 ng

RT: 10.48 min Scan# 1258

Delta R.T. -0.00 min

Lab File: BG045046.D

Acq: 18 Apr 2020 1:07

Instrument :

BNA_G

ClientSampleId :

PB128298BS

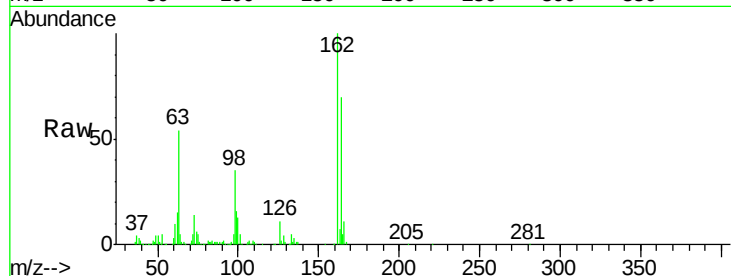
Tot Ion:162 Resp: 224265

Ion Ratio Lower Upper

162 100

164 69.9 45.0 85.0

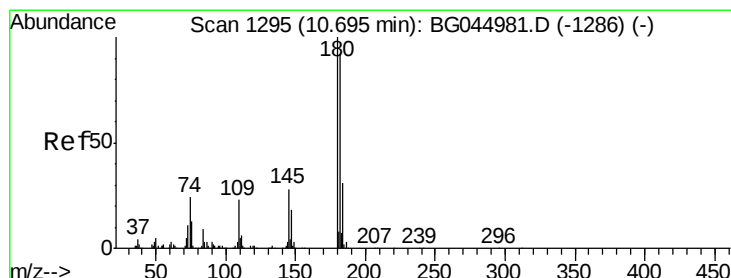
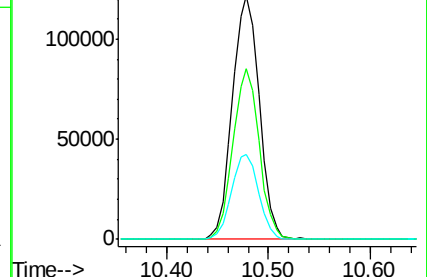
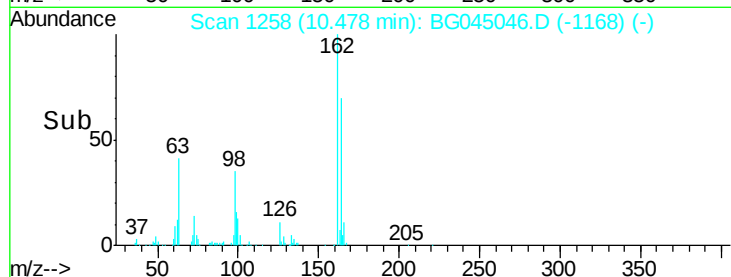
98 34.6 15.2 55.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 45.720 ng

RT: 10.70 min Scan# 1295

Delta R.T. -0.00 min

Lab File: BG045046.D

Acq: 18 Apr 2020 1:07

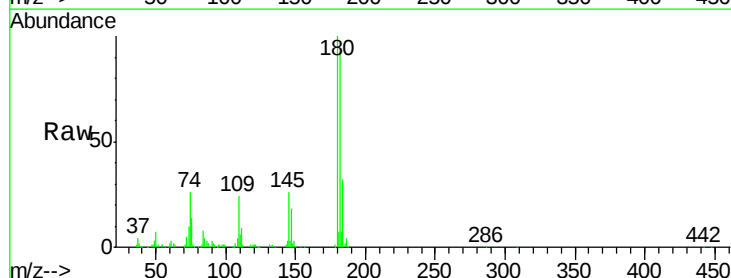
Tgt Ion:180 Resp: 227437

Ion Ratio Lower Upper

180 100

182 93.5 73.3 109.9

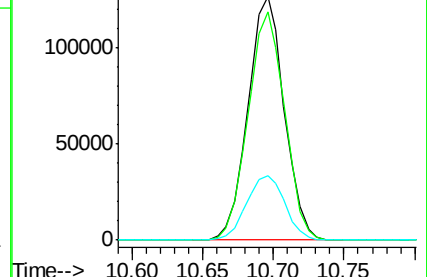
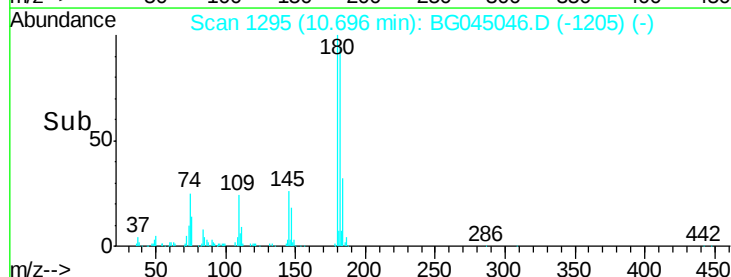
145 26.5 22.6 33.8



Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

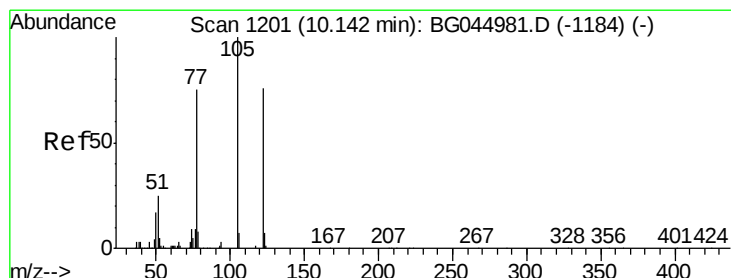
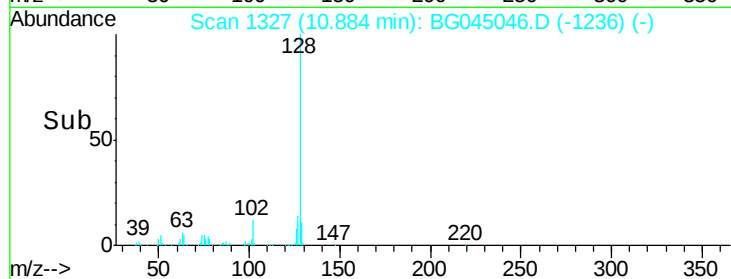
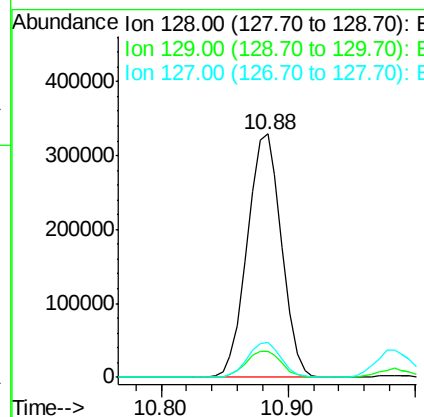
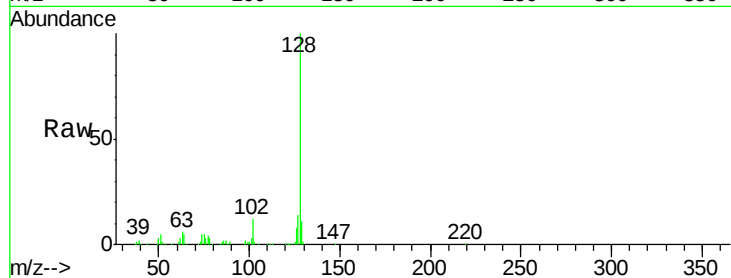




#31
Naphthalene
Concen: 45.453 ng
RT: 10.88 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BG045046.D
Acq: 18 Apr 2020 1:07

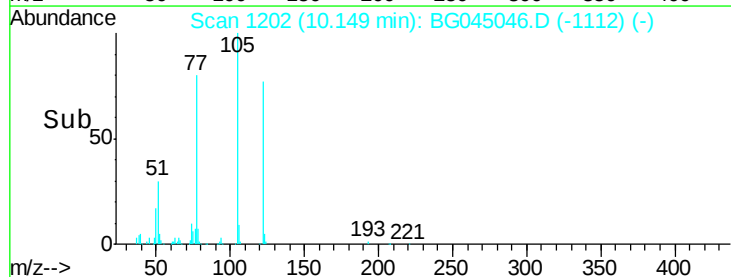
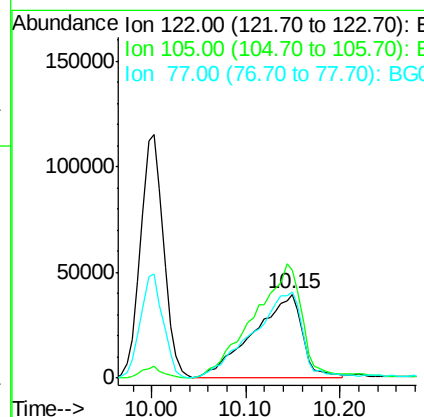
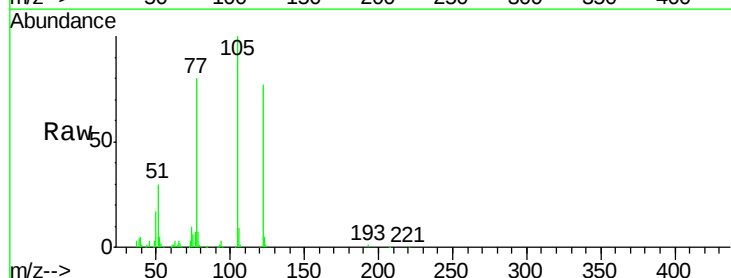
Instrument :
BNA_G
ClientSampleId :
PB128298BS

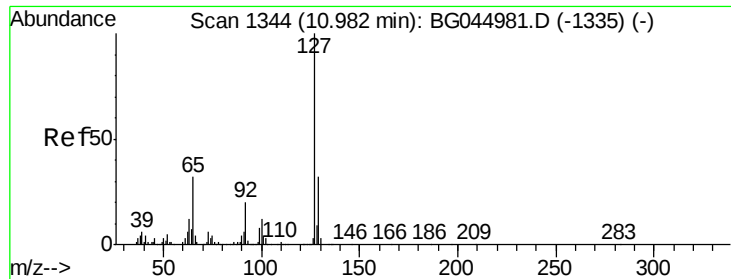
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.4	14.2
127	14.2	10.8	16.2



#32
Benzoic acid
Concen: 46.021 ng
RT: 10.15 min Scan# 1202
Delta R.T. -0.00 min
Lab File: BG045046.D
Acq: 18 Apr 2020 1:07

Tgt Ion	Ratio	Lower	Upper
122	100		
105	129.3	108.4	148.4
77	103.6	78.8	118.8

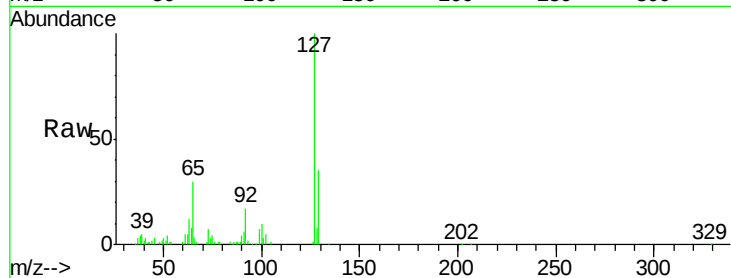




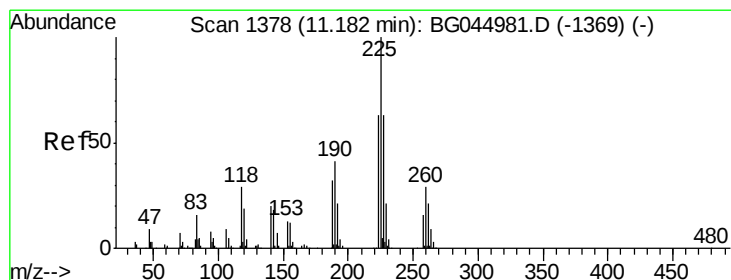
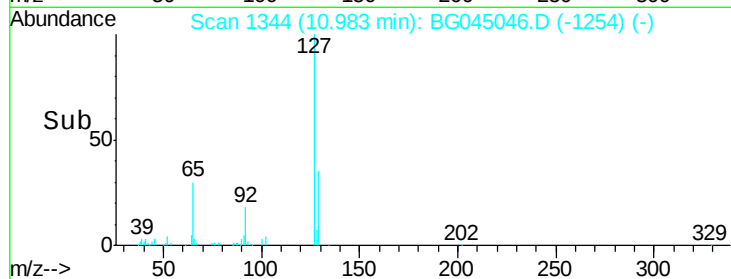
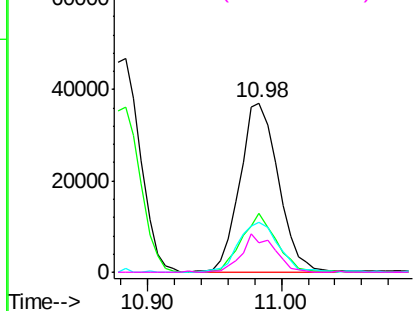
#33
4-Chloroaniline
Concen: 11.729 ng
RT: 10.98 min Scan# 1344
Delta R.T. -0.00 min
Lab File: BG045046.D
Acq: 18 Apr 2020 1:07

Instrument :
BNA_G
ClientSampleId :
PB128298BS

Tot Ion:127	Resp:	74155
Ion Ratio	Lower	Upper
127	100	
129	34.7	25.7 38.5
65	29.7	25.4 38.2
92	17.4	16.1 24.1

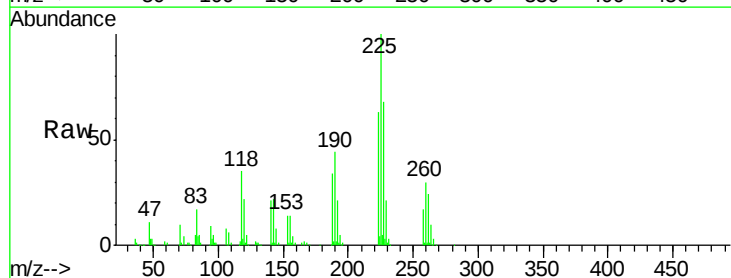


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

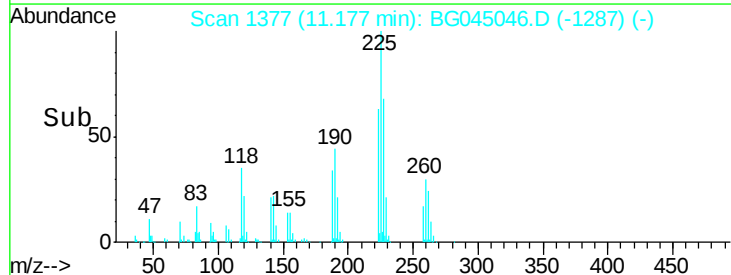
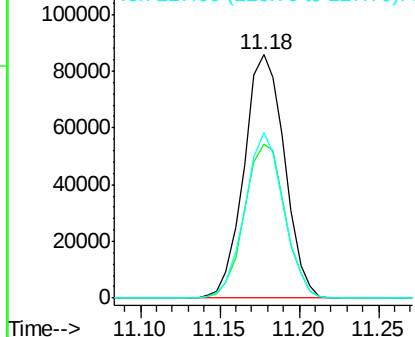


#34
Hexachlorobutadiene
Concen: 44.667 ng
RT: 11.18 min Scan# 1377
Delta R.T. -0.00 min
Lab File: BG045046.D
Acq: 18 Apr 2020 1:07

Tgt Ion:225	Resp:	152345
Ion Ratio	Lower	Upper
225	100	
223	63.1	50.7 76.1
227	68.1	50.2 75.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

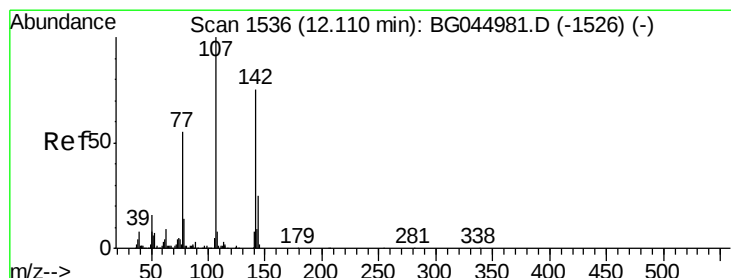
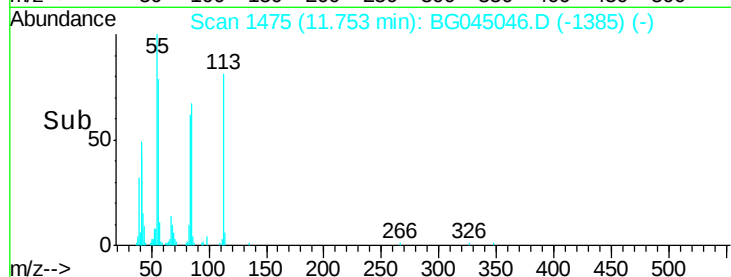
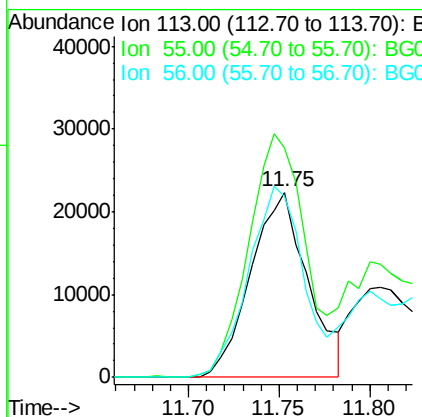
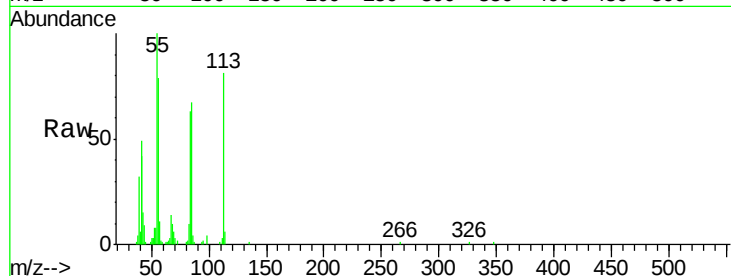




#35
 Caprolactam
 Concen: 28.005 ng
 RT: 11.75 min Scan# 1475
 Delta R.T. -0.00 min
 Lab File: BG045046.D
 Acq: 18 Apr 2020 1:07

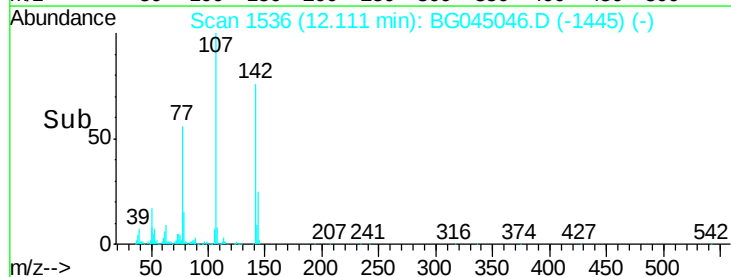
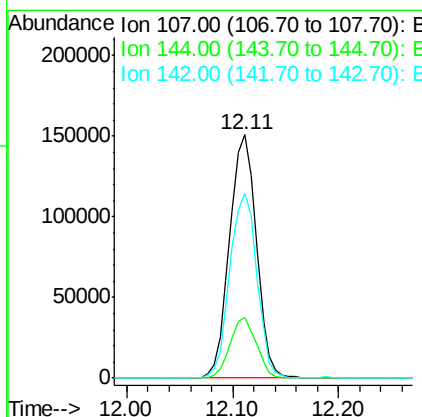
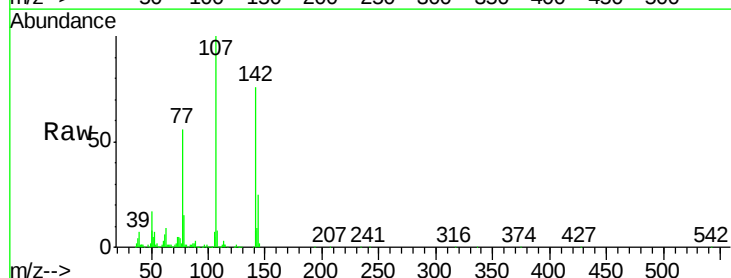
Instrument :
 BNA_G
 ClientSampleId :
 PB128298BS

Tot Ion:113 Resp: 48971
 Ion Ratio Lower Upper
 113 100
 55 123.7 118.8 158.8
 56 97.9 82.6 122.6



#36
 4-Chloro-3-methylphenol
 Concen: 51.429 ng
 RT: 12.11 min Scan# 1536
 Delta R.T. 0.00 min
 Lab File: BG045046.D
 Acq: 18 Apr 2020 1:07

Tgt Ion:107 Resp: 265450
 Ion Ratio Lower Upper
 107 100
 144 24.8 19.8 29.6
 142 76.0 59.7 89.5

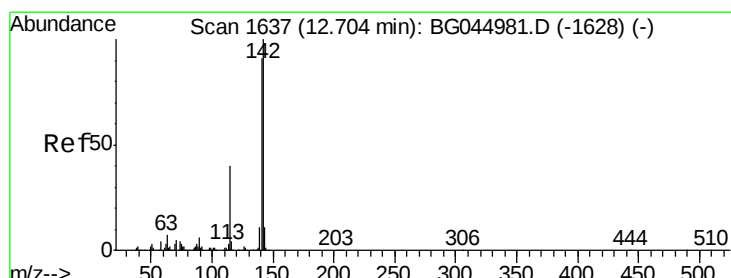
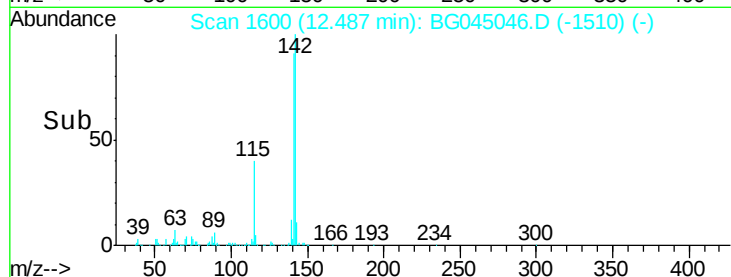
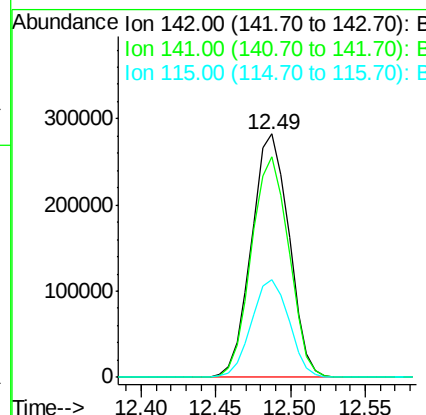
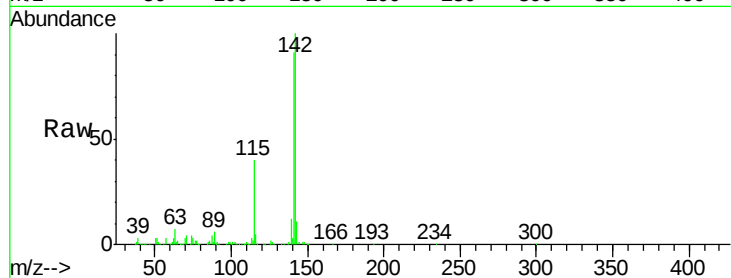




#37
 2-Methylnaphthalene
 Concen: 46.671 ng
 RT: 12.49 min Scan# 1600
 Delta R.T. -0.00 min
 Lab File: BG045046.D
 Acq: 18 Apr 2020 1:07

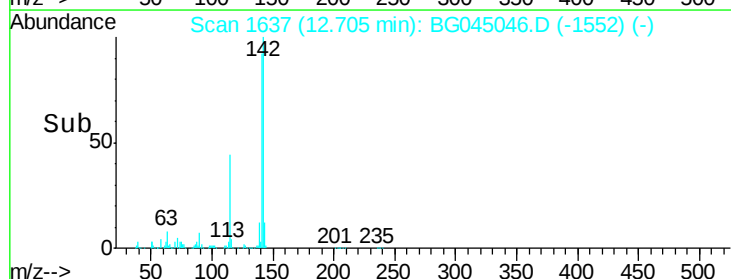
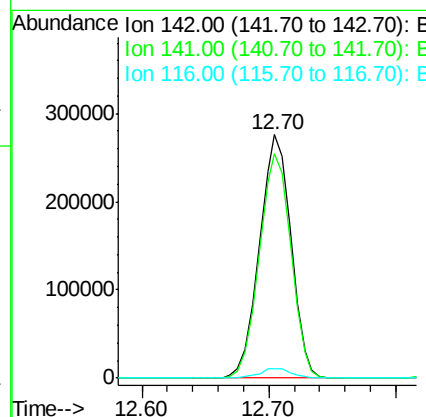
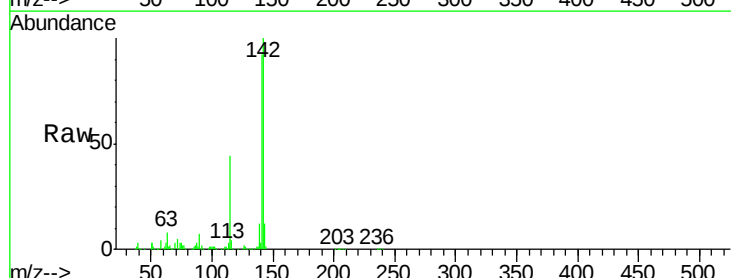
Instrument :
 BNA_G
 ClientSampleId :
 PB128298BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.7	70.3	105.5
115	40.0	29.8	44.6



#38
 1-Methylnaphthalene
 Concen: 48.066 ng
 RT: 12.70 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: BG045046.D
 Acq: 18 Apr 2020 1:07

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.4	72.7	109.1
116	4.1	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1969

Delta R.T. -0.00 min

Lab File: BG045046.D

Acq: 18 Apr 2020 1:07

Instrument :

BNA_G

ClientSampleId :

PB128298BS

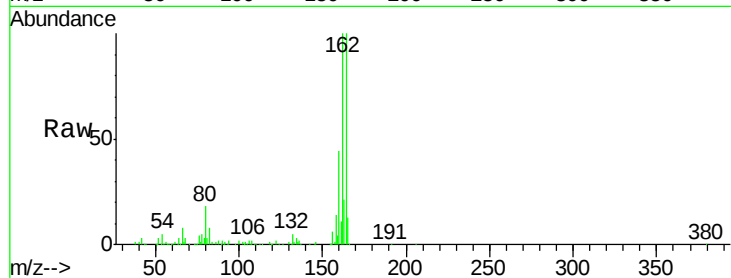
Tot Ion:164 Resp: 199770

Ion Ratio Lower Upper

164 100

162 99.9 78.7 118.1

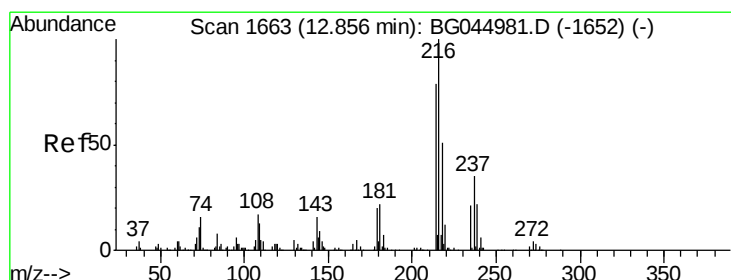
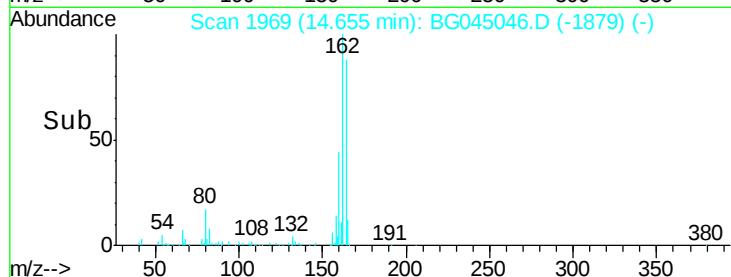
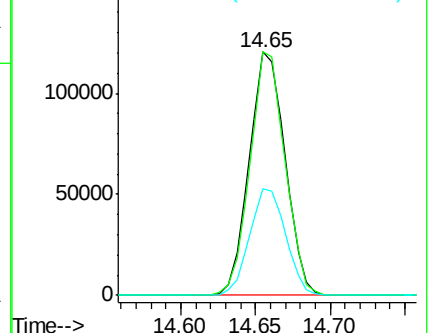
160 43.7 32.8 49.2



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: 42.818 ng

RT: 12.86 min Scan# 1663

Delta R.T. 0.00 min

Lab File: BG045046.D

Acq: 18 Apr 2020 1:07

Tgt Ion:216 Resp: 275408

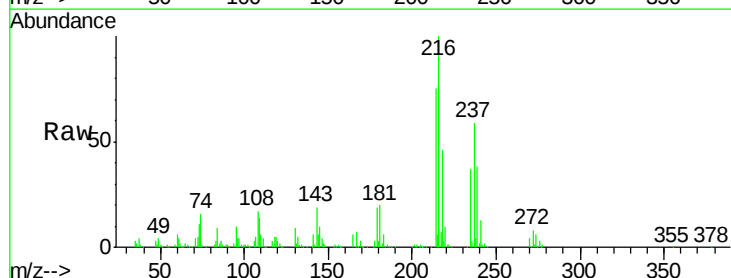
Ion Ratio Lower Upper

216 100

214 79.1 63.0 94.6

179 19.7 15.8 23.8

108 20.3 14.2 21.2

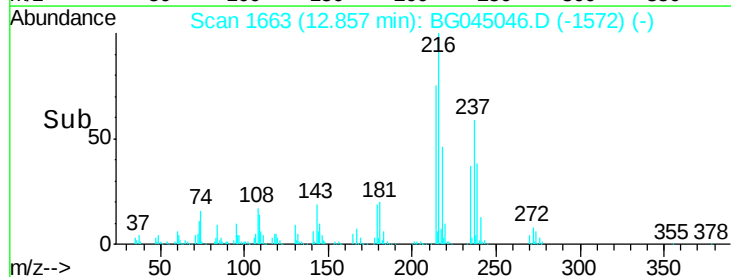
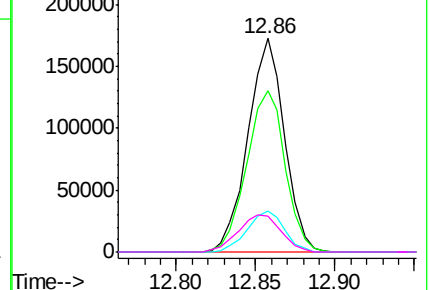


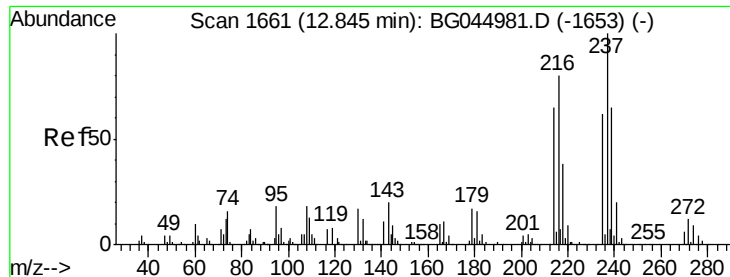
Abundance Ion 216.00 (215.70 to 216.70): E

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: 100.928 ng

RT: 12.85 min Scan# 1661

Delta R.T. 0.00 min

Lab File: BG045046.D

Acq: 18 Apr 2020 1:07

Instrument :

BNA_G

ClientSampleId :

PB128298BS

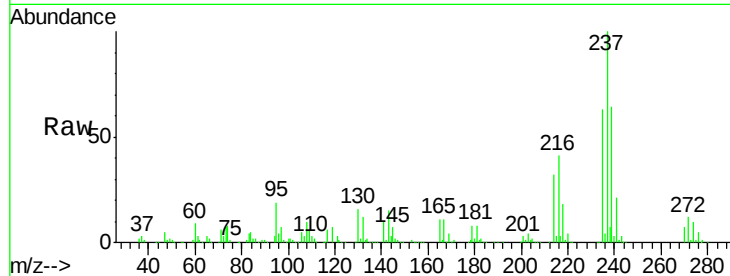
Tot Ion:237 Resp: 405743

Ion Ratio Lower Upper

237 100

235 63.0 41.6 81.6

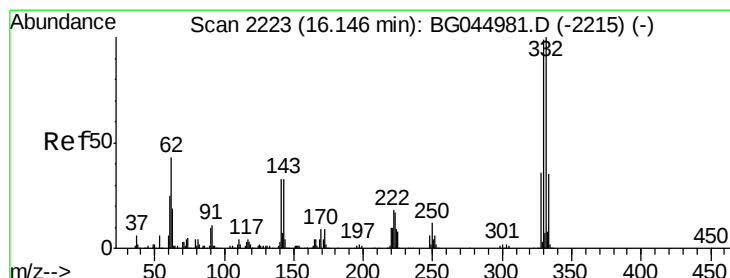
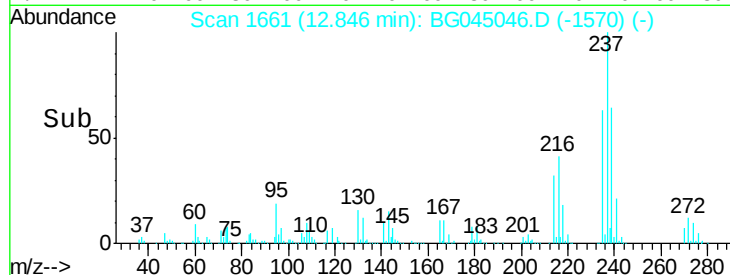
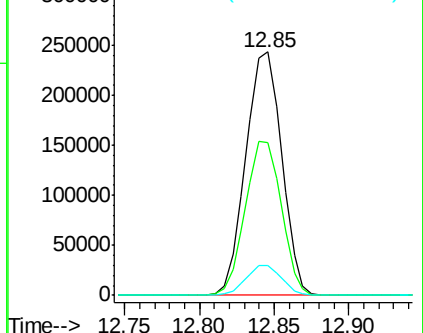
272 12.3 0.0 32.1



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: 137.369 ng

RT: 16.15 min Scan# 2223

Delta R.T. 0.00 min

Lab File: BG045046.D

Acq: 18 Apr 2020 1:07

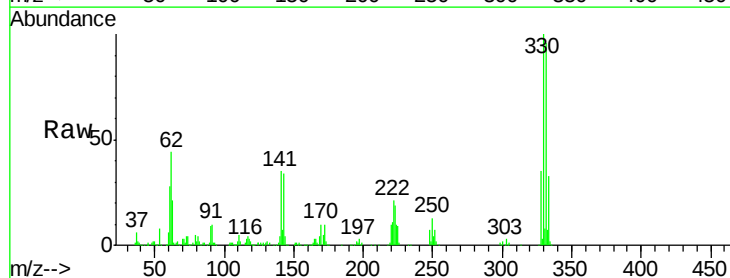
Tgt Ion:330 Resp: 423945

Ion Ratio Lower Upper

330 100

332 96.5 79.1 118.7

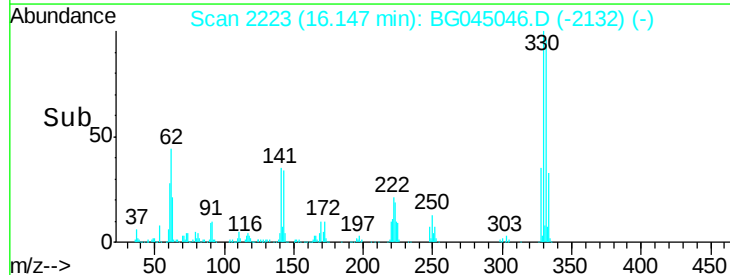
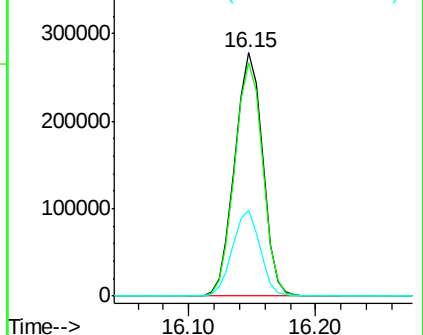
141 34.8 27.1 40.7



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

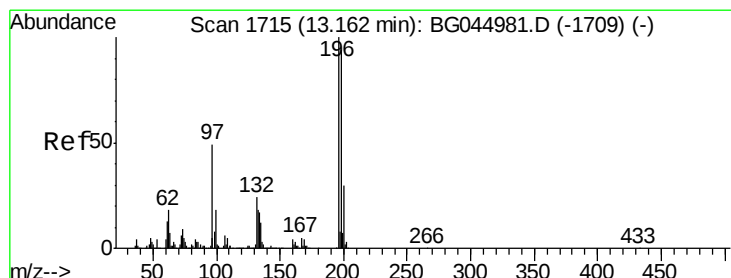
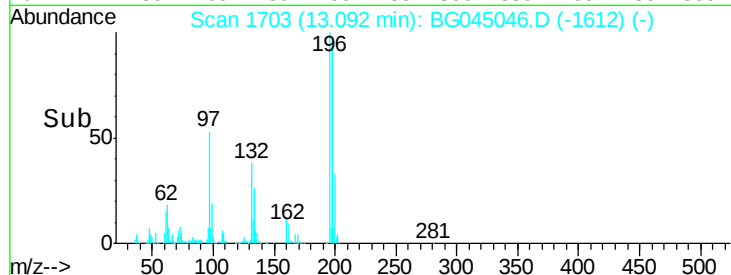
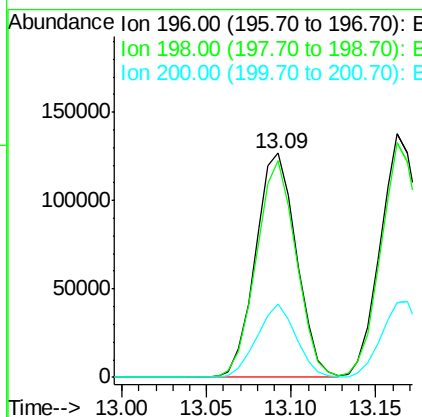
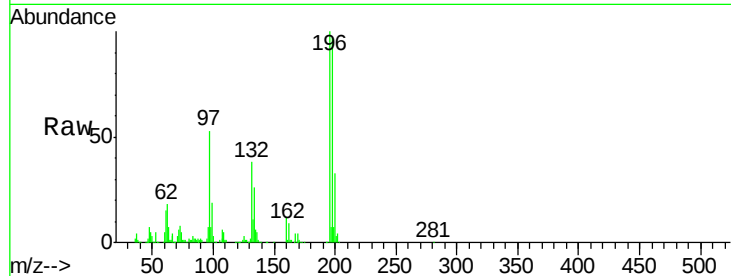




#43
 2,4,6-Trichlorophenol
 Concen: 46.791 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. 0.00 min
 Lab File: BG045046.D
 Acq: 18 Apr 2020 1:07

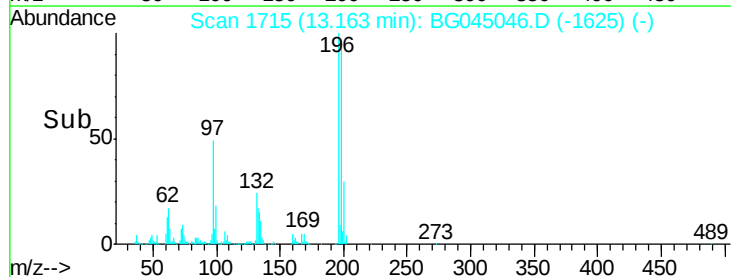
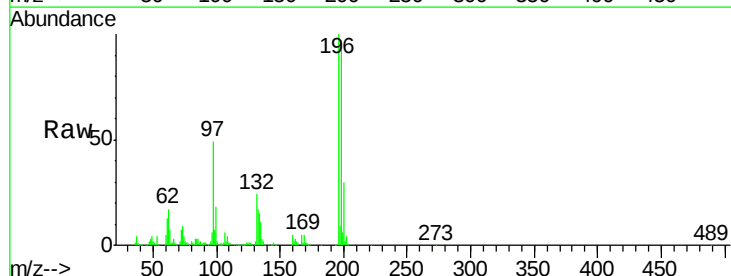
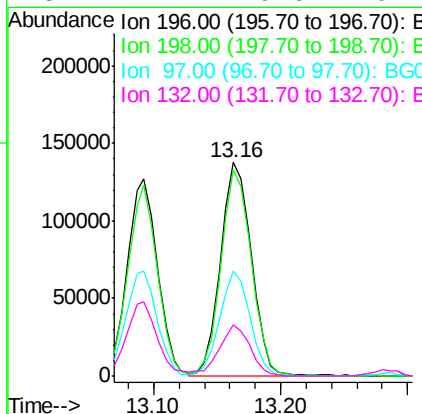
Instrument :
 BNA_G
 ClientSampleId :
 PB128298BS

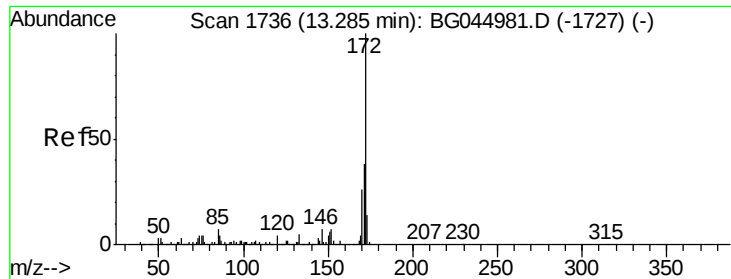
Tot Ion	196	Resp	212409
Ion Ratio	Lower	Upper	
196	100		
198	96.8	72.5	108.7
200	32.8	24.5	36.7



#44
 2,4,5-Trichlorophenol
 Concen: 44.691 ng
 RT: 13.16 min Scan# 1715
 Delta R.T. -0.00 min
 Lab File: BG045046.D
 Acq: 18 Apr 2020 1:07

Tgt Ion	196	Resp	230924
Ion Ratio	Lower	Upper	
196	100		
198	96.6	75.7	113.5
97	49.2	39.6	59.4
132	24.2	19.6	29.4



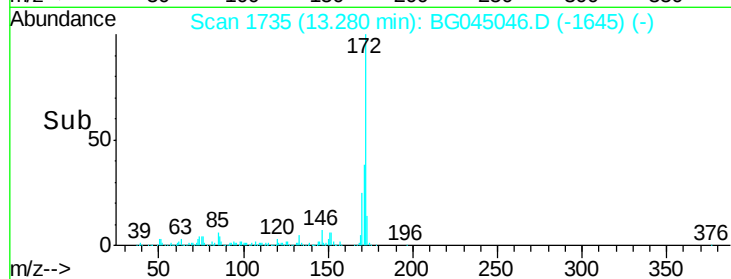
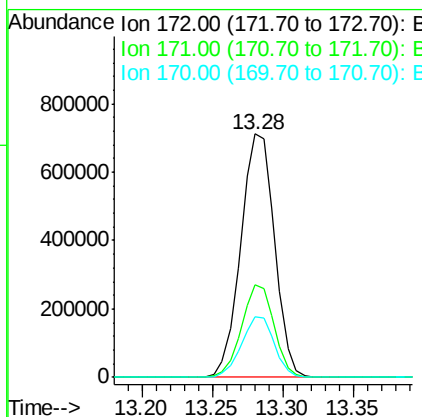
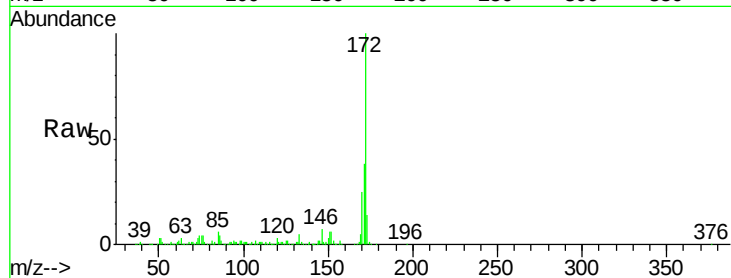


#45
 2-Fluorobiphenyl
 Concen: 87.274 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.00 min
 Lab File: BG045046.D
 Acq: 18 Apr 2020 1:07

Instrument :
 BNA_G
 ClientSampleId :
 PB128298BS

Tot Ion:172 Resp: 1189013

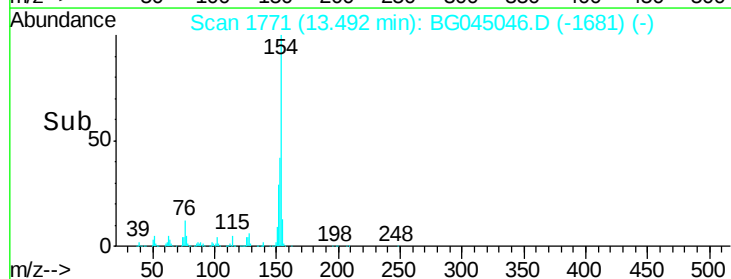
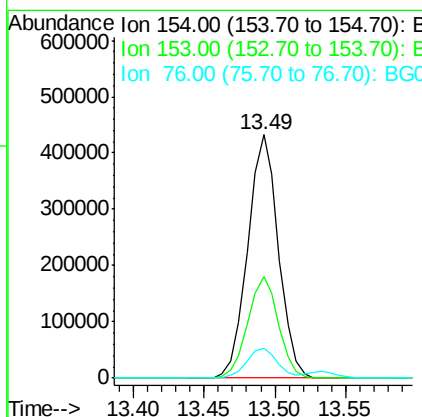
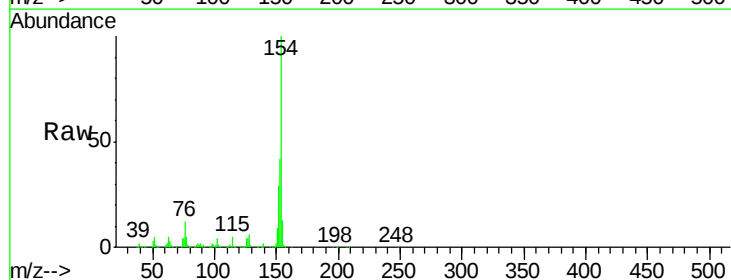
Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.6	46.0
170	24.7	20.5	30.7

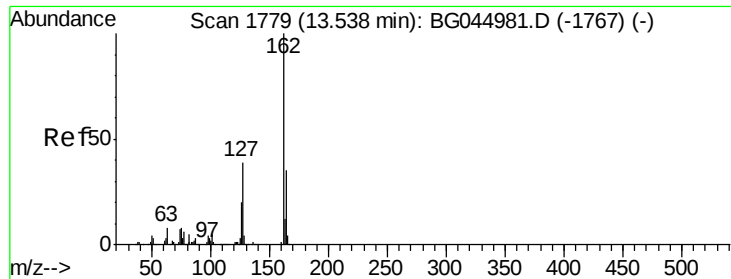


#46
 1,1'-Biphenyl
 Concen: 43.171 ng
 RT: 13.49 min Scan# 1771
 Delta R.T. -0.00 min
 Lab File: BG045046.D
 Acq: 18 Apr 2020 1:07

Tgt Ion:154 Resp: 655506

Ion	Ratio	Lower	Upper
154	100		
153	41.6	21.9	61.9
76	12.1	0.0	33.1





#47

2-Chloronaphthalene

Concen: 43.714 ng

RT: 13.53 min Scan# 1778

Delta R.T. -0.00 min

Lab File: BG045046.D

Acq: 18 Apr 2020 1:07

Instrument :

BNA_G

ClientSampleId :

PB128298BS

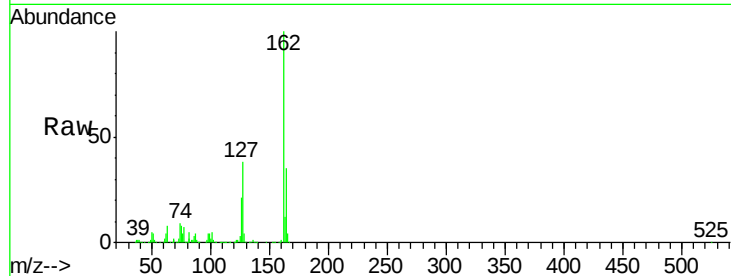
Tot Ion:162 Resp: 507173

Ion Ratio Lower Upper

162 100

127 38.2 31.3 46.9

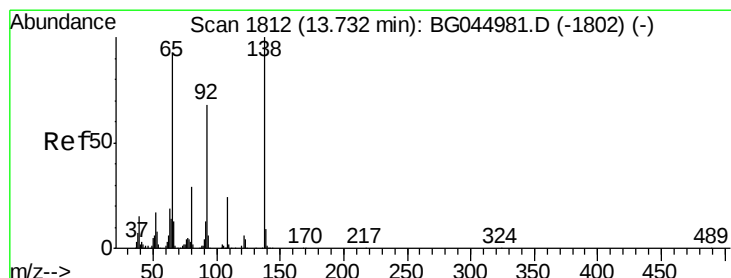
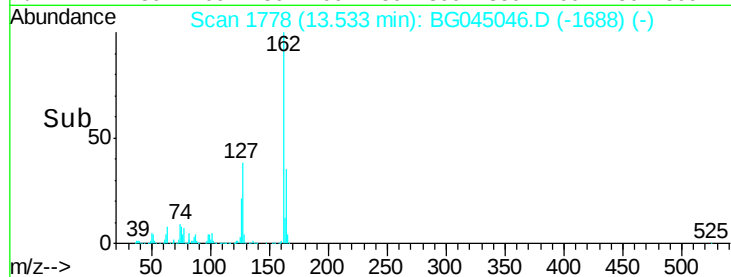
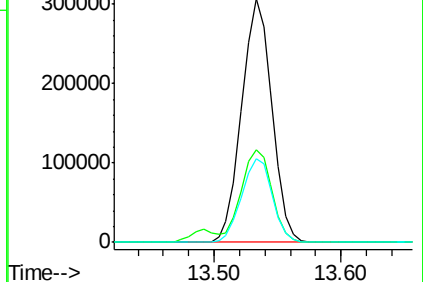
164 34.6 27.8 41.8



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: 44.439 ng

RT: 13.73 min Scan# 1811

Delta R.T. -0.00 min

Lab File: BG045046.D

Acq: 18 Apr 2020 1:07

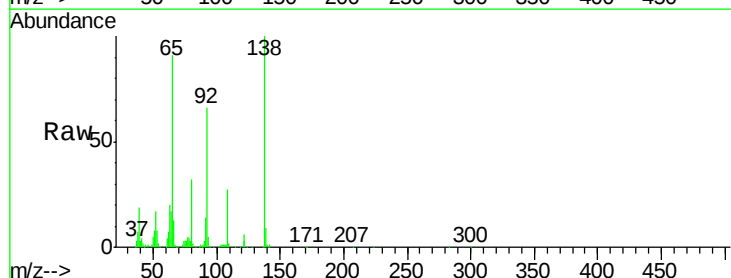
Tgt Ion: 65 Resp: 169635

Ion Ratio Lower Upper

65 100

92 71.9 58.3 87.5

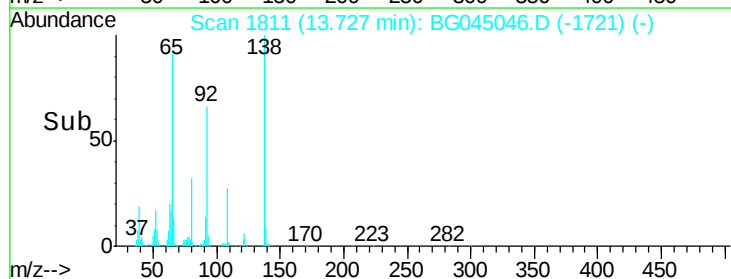
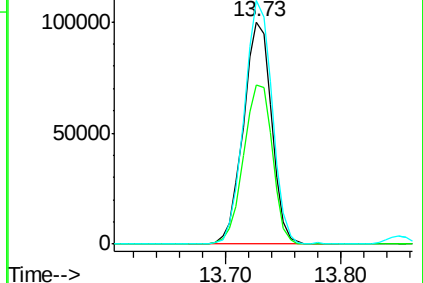
138 109.5 85.6 128.4



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: 45.136 ng

RT: 14.38 min Scan# 1922

Delta R.T. -0.00 min

Lab File: BG045046.D

Acq: 18 Apr 2020 1:07

Instrument :

BNA_G

ClientSampleId :

PB128298BS

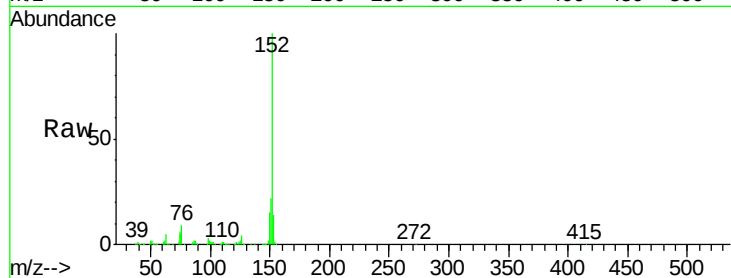
Tot Ion:152 Resp: 852985

Ion Ratio Lower Upper

152 100

151 21.6 17.2 25.8

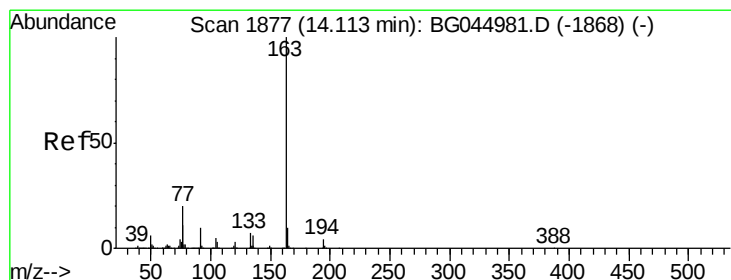
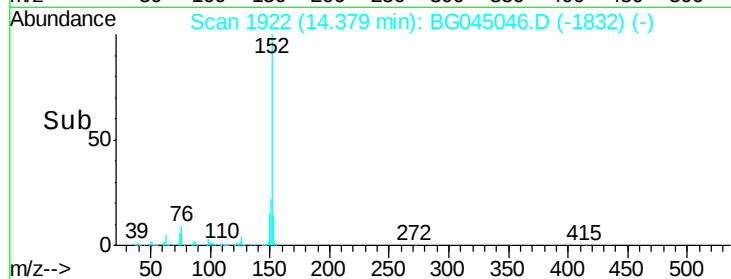
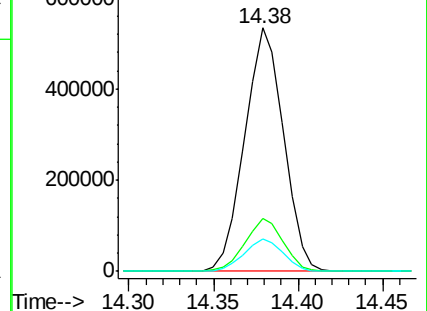
153 13.5 11.0 16.4



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: 45.306 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.00 min

Lab File: BG045046.D

Acq: 18 Apr 2020 1:07

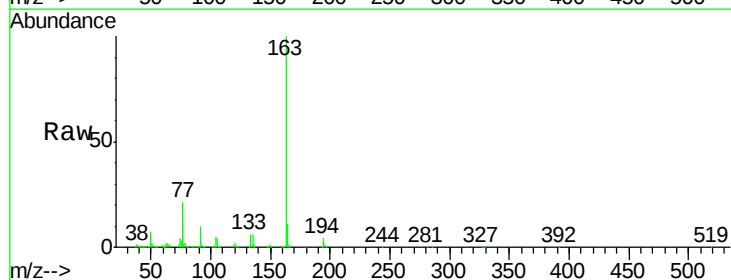
Tgt Ion:163 Resp: 736952

Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

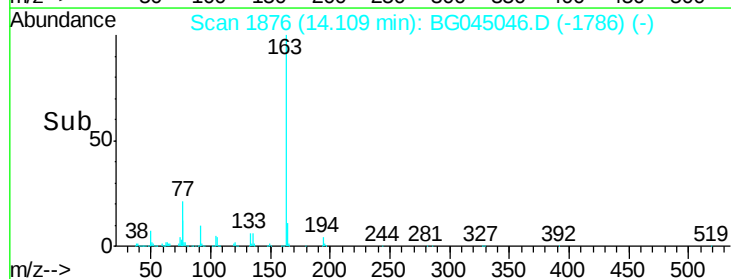
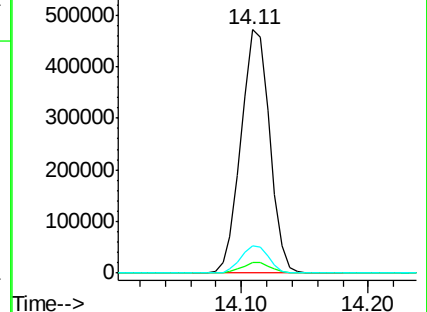
164 11.1 8.2 12.4

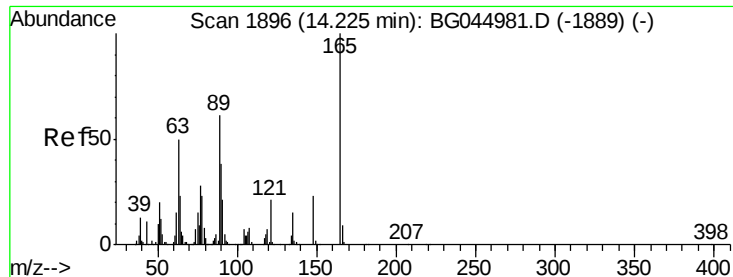


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 44.480 ng

RT: 14.23 min Scan# 1896

Delta R.T. 0.00 min

Lab File: BG045046.D

Acq: 18 Apr 2020 1:07

Instrument :

BNA_G

ClientSampleId :

PB128298BS

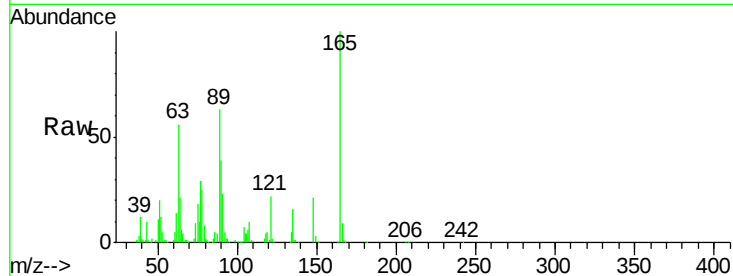
Tot Ion:165 Resp: 161832

Ion Ratio Lower Upper

165 100

63 55.7 40.4 60.6

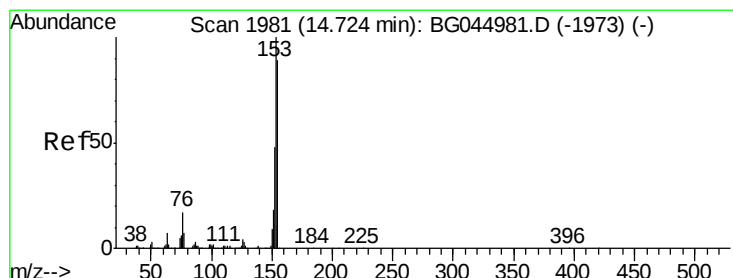
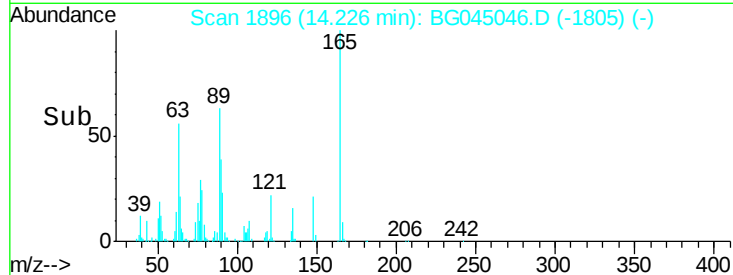
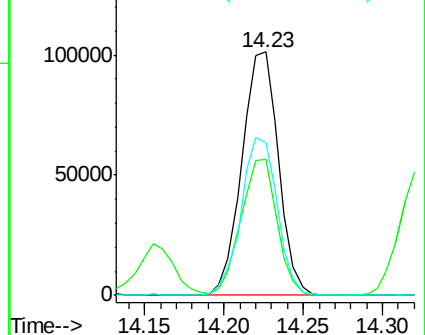
89 62.8 49.1 73.7



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 42.907 ng

RT: 14.73 min Scan# 1981

Delta R.T. 0.00 min

Lab File: BG045046.D

Acq: 18 Apr 2020 1:07

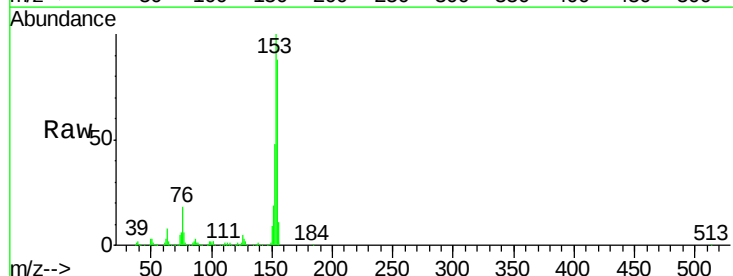
Tgt Ion:154 Resp: 548630

Ion Ratio Lower Upper

154 100

153 114.3 89.7 134.5

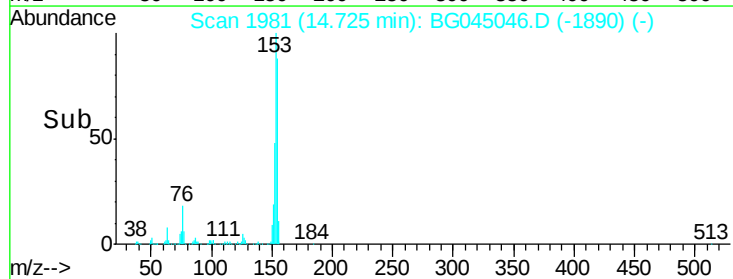
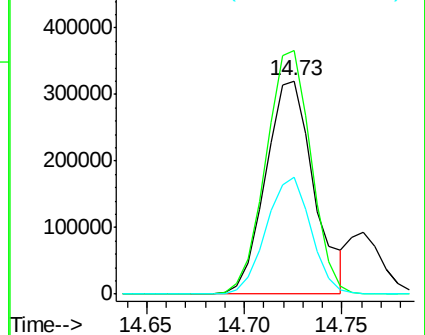
152 54.8 43.1 64.7

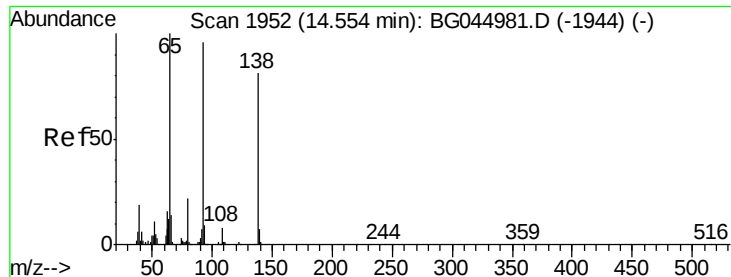


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

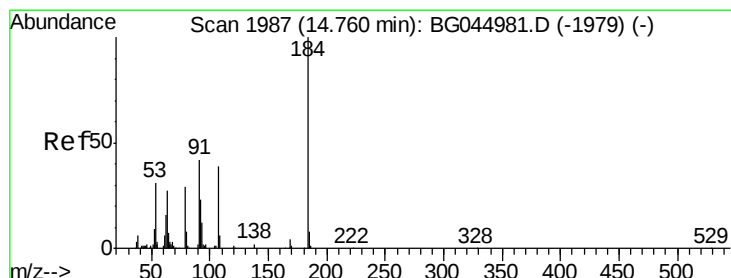
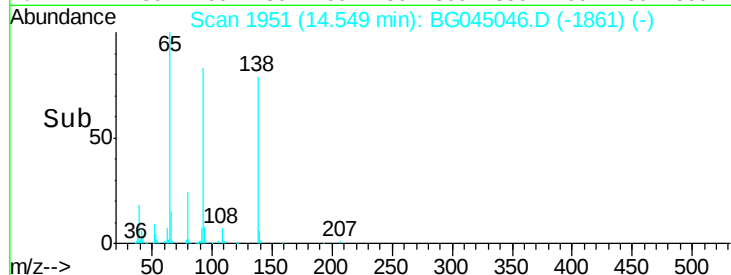
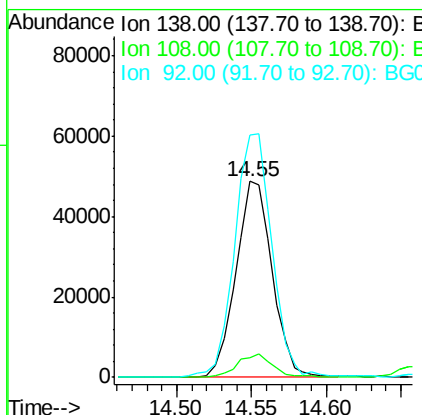
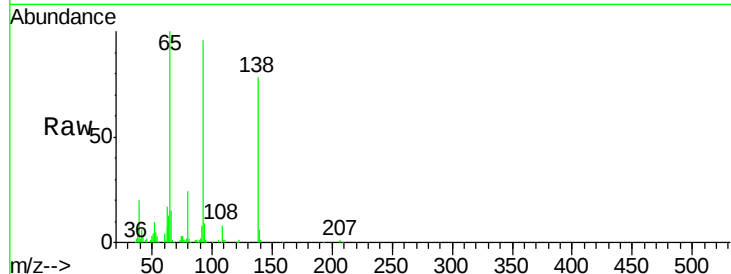




#53
3-Nitroaniline
Concen: 20.518 ng
RT: 14.55 min Scan# 1951
Delta R.T. -0.00 min
Lab File: BG045046.D
Acq: 18 Apr 2020 1:07

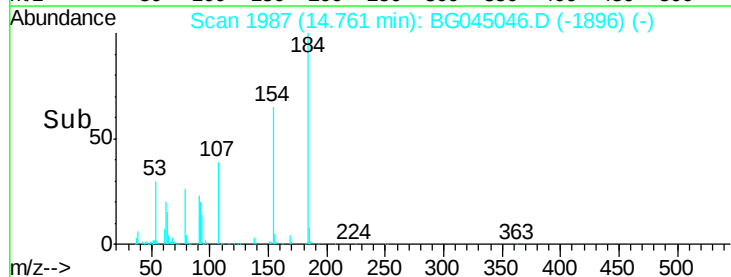
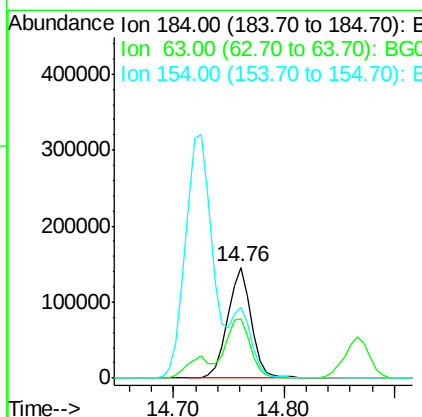
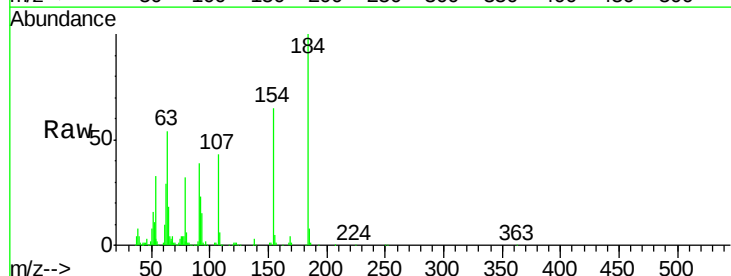
Instrument :
BNA_G
ClientSampleId :
PB128298BS

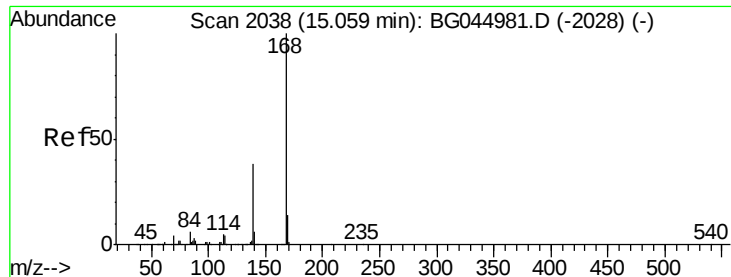
Tot Ion:138 Resp: 81875
Ion Ratio Lower Upper
138 100
108 9.7 7.8 11.8
92 123.5 94.5 141.7



#54
2,4-Dinitrophenol
Concen: 101.113 ng
RT: 14.76 min Scan# 1987
Delta R.T. 0.00 min
Lab File: BG045046.D
Acq: 18 Apr 2020 1:07

Tgt Ion:184 Resp: 218750
Ion Ratio Lower Upper
184 100
63 54.2 41.5 62.3
154 64.5 52.3 78.5





#55

Dibenzenofuran

Concen: 45.362 ng

RT: 15.06 min Scan# 2038

Delta R.T. 0.00 min

Lab File: BG045046.D

Acq: 18 Apr 2020 1:07

Instrument :

BNA_G

ClientSampleId :

PB128298BS

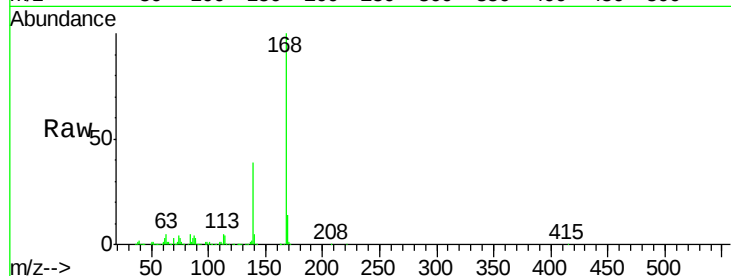
Tot Ion:168 Resp: 845621

Ion Ratio Lower Upper

168 100

139 38.8 30.4 45.6

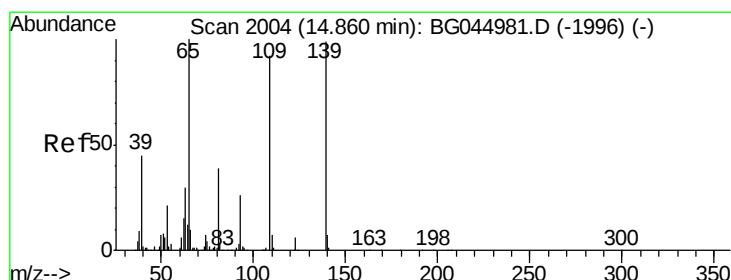
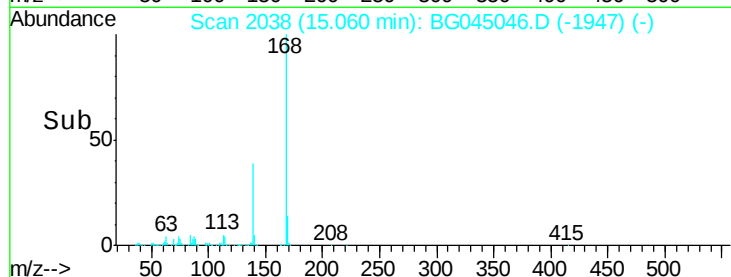
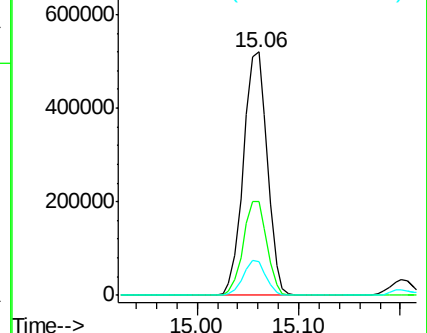
169 13.7 11.0 16.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 89.349 ng

RT: 14.87 min Scan# 2005

Delta R.T. 0.00 min

Lab File: BG045046.D

Acq: 18 Apr 2020 1:07

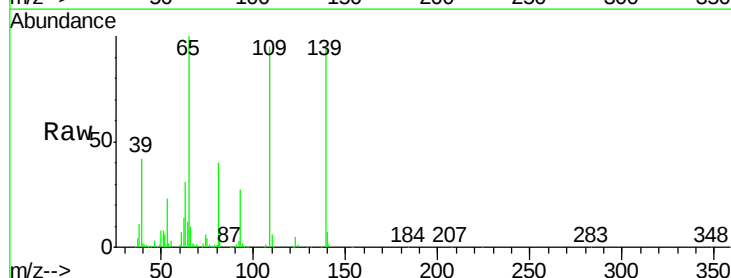
Tgt Ion:139 Resp: 276443

Ion Ratio Lower Upper

139 100

109 101.4 73.6 113.6

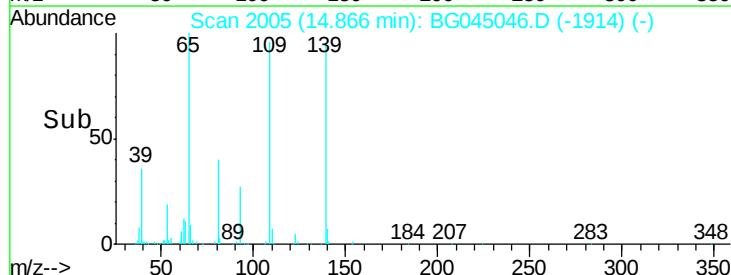
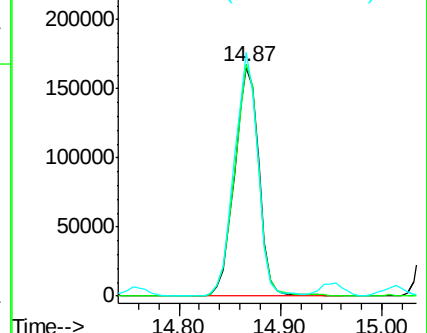
65 106.4 81.2 121.2

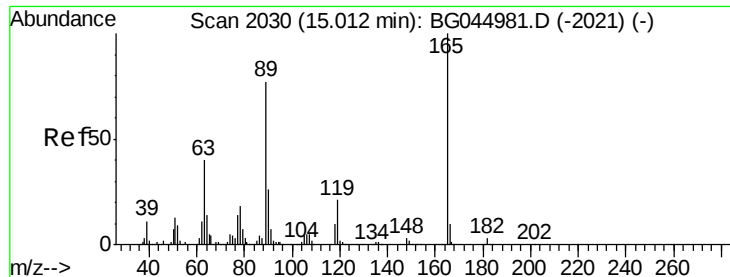


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

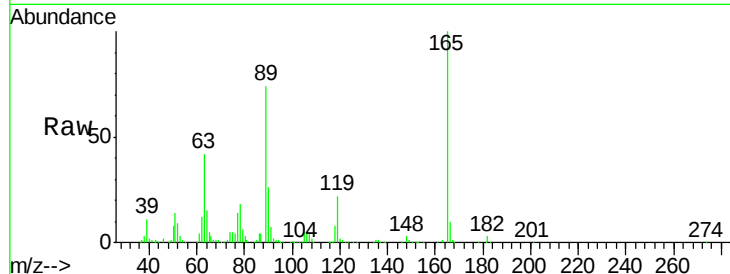




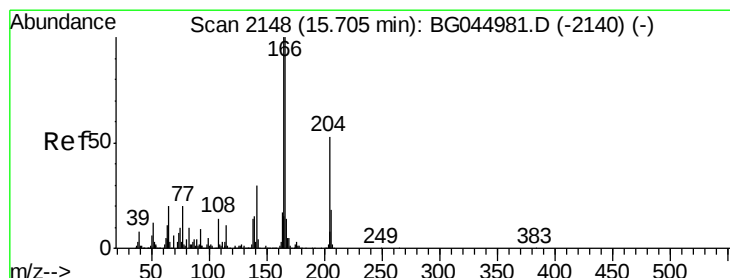
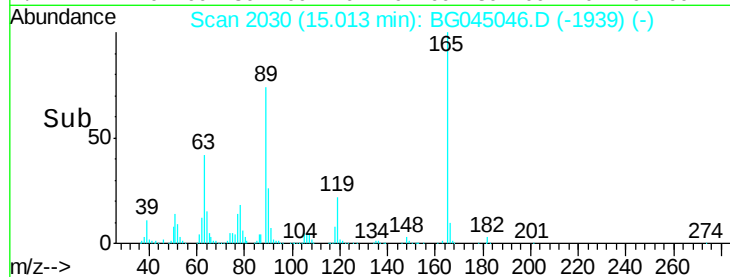
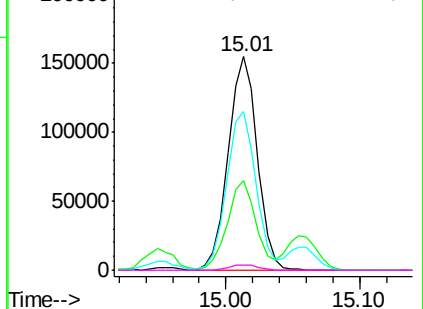
#57
 2,4-Dinitrotoluene
 Concen: 44.306 ng
 RT: 15.01 min Scan# 2030
 Delta R.T. 0.00 min
 Lab File: BG045046.D
 Acq: 18 Apr 2020 1:07

Instrument :
 BNA_G
 ClientSampleId :
 PB128298BS

Tot Ion:165 Resp: 235572
 Ion Ratio Lower Upper
 165 100
 63 42.2 32.2 48.2
 89 74.4 61.7 92.5
 182 2.6 2.0 3.0

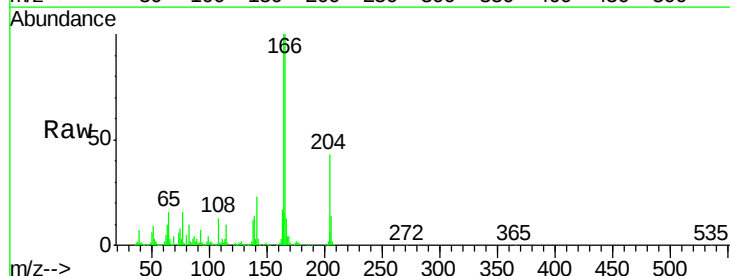


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

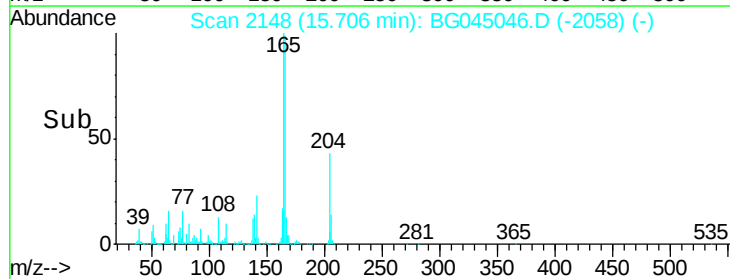
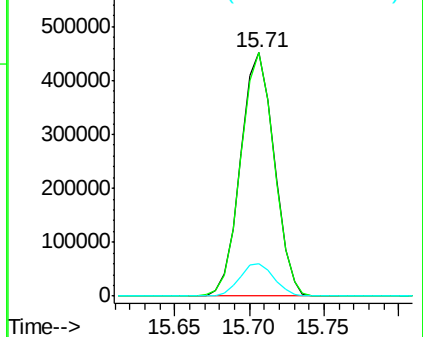


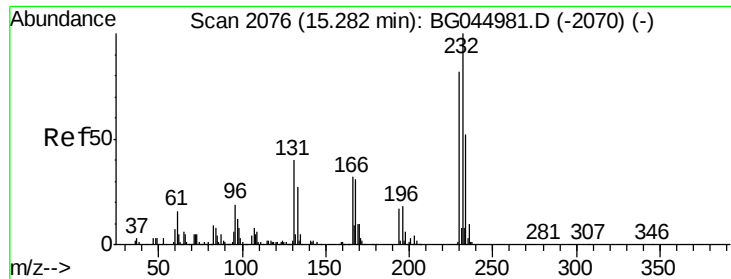
#58
 Fluorene
 Concen: 46.258 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.00 min
 Lab File: BG045046.D
 Acq: 18 Apr 2020 1:07

Tgt Ion:166 Resp: 704361
 Ion Ratio Lower Upper
 166 100
 165 100.0 79.9 119.9
 167 13.3 11.4 17.0



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 50.121 ng

RT: 15.28 min Scan# 2076

Delta R.T. -0.00 min

Lab File: BG045046.D

Acq: 18 Apr 2020 1:07

Instrument :

BNA_G

ClientSampleId :

PB128298BS

Tot Ion:232 Resp: 230439

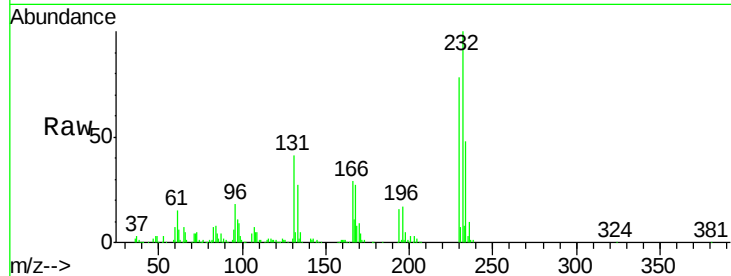
Ion Ratio Lower Upper

232 100

131 40.5 32.2 48.2

130 2.3 2.2 3.2

166 28.1 24.2 36.4

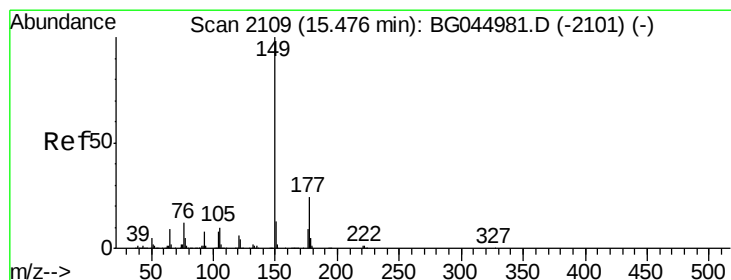
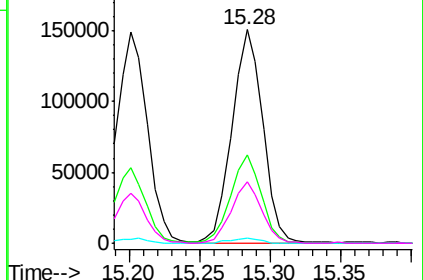
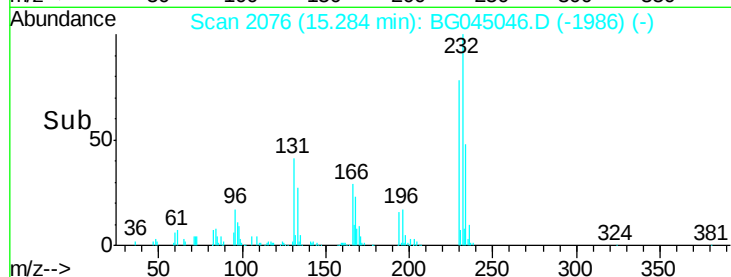


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 45.270 ng

RT: 15.48 min Scan# 2109

Delta R.T. -0.00 min

Lab File: BG045046.D

Acq: 18 Apr 2020 1:07

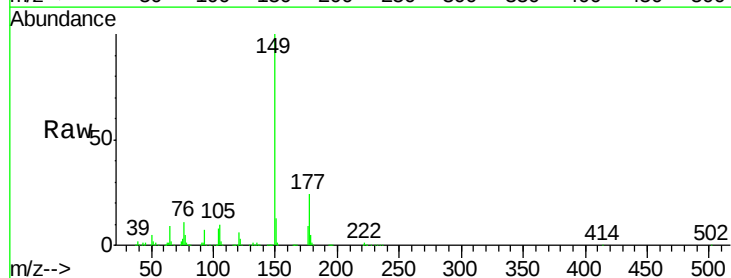
Tgt Ion:149 Resp: 767732

Ion Ratio Lower Upper

149 100

177 24.2 18.9 28.3

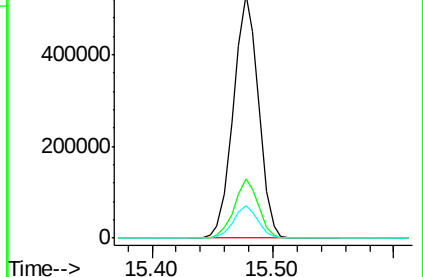
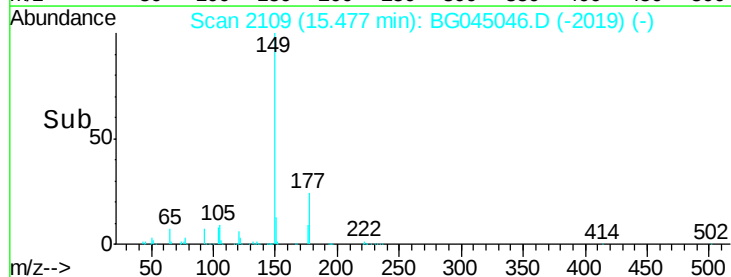
150 13.1 10.6 15.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

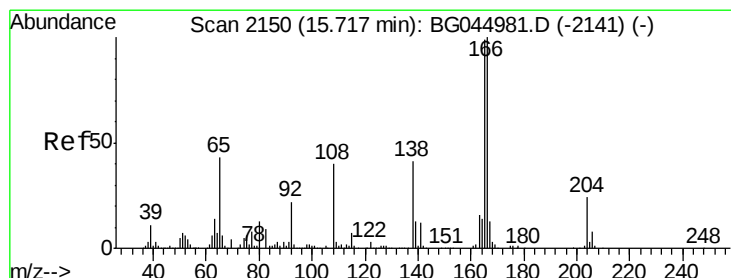
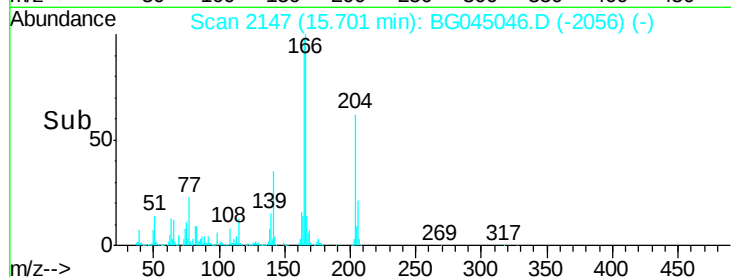
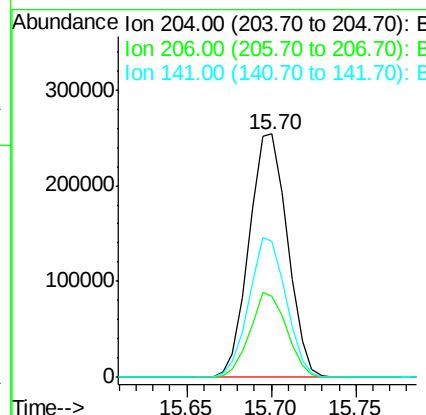
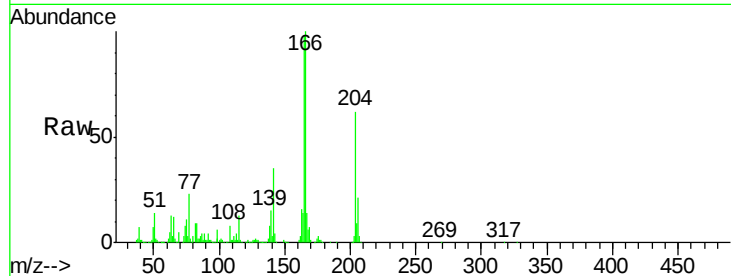




#61
 4-Chlorophenyl-phenylether
 Concen: 45.770 ng
 RT: 15.70 min Scan# 2147
 Delta R.T. 0.00 min
 Lab File: BG045046.D
 Acq: 18 Apr 2020 1:07

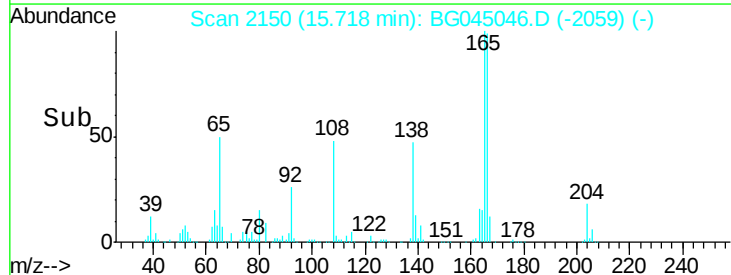
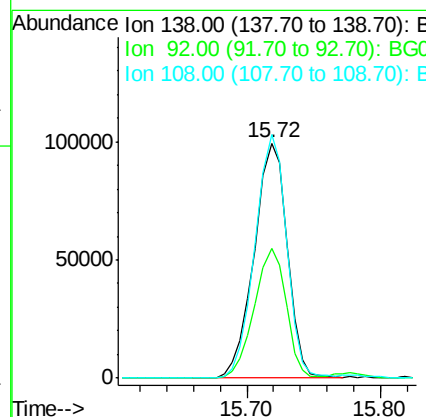
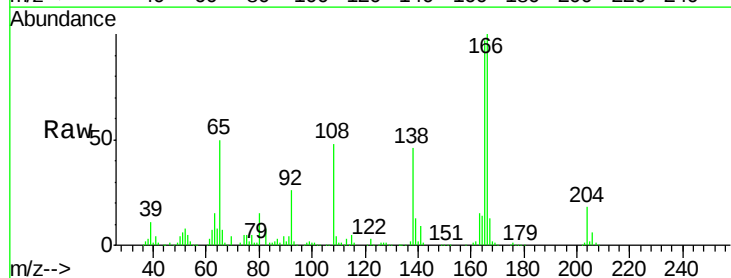
Instrument :
 BNA_G
 ClientSampleId :
 PB128298BS

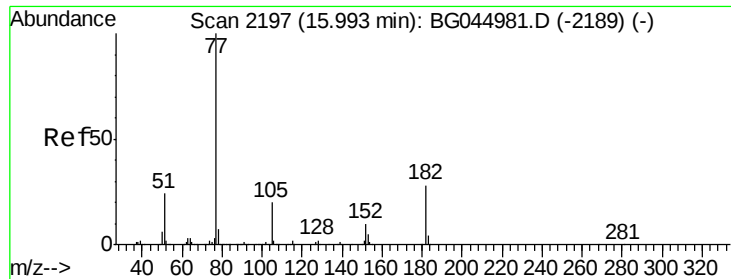
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.6	26.9	40.3
141	55.9	46.3	69.5



#62
 4-Nitroaniline
 Concen: 41.183 ng
 RT: 15.72 min Scan# 2150
 Delta R.T. 0.00 min
 Lab File: BG045046.D
 Acq: 18 Apr 2020 1:07

Tgt Ion	Ratio	Lower	Upper
138	100		
92	55.5	33.6	73.6
108	103.7	78.2	118.2





#63

Azobenzene

Concen: 46.055 ng

RT: 15.99 min Scan# 2197

Delta R.T. 0.00 min

Lab File: BG045046.D

Acq: 18 Apr 2020 1:07

Instrument :

BNA_G

ClientSampleId :

PB128298BS

Tot Ion: 77 Resp: 720110

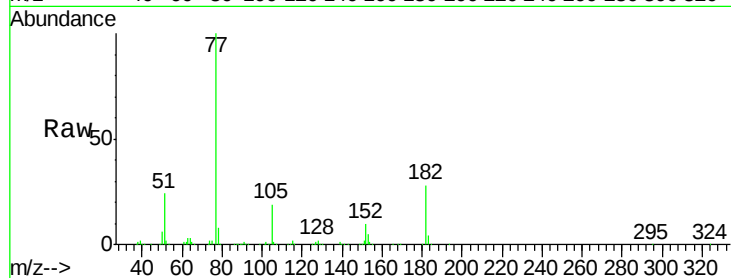
Ion Ratio Lower Upper

77 100

182 27.8 8.4 48.4

105 19.3 0.5 40.5

51 23.7 4.4 44.4

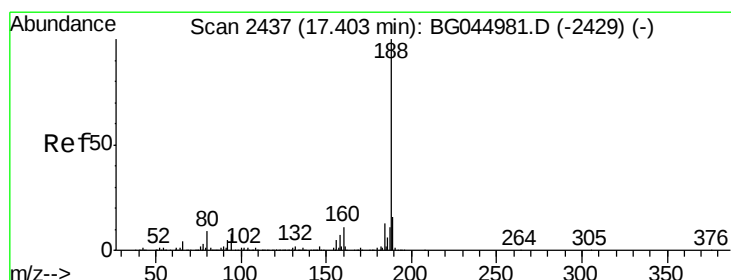
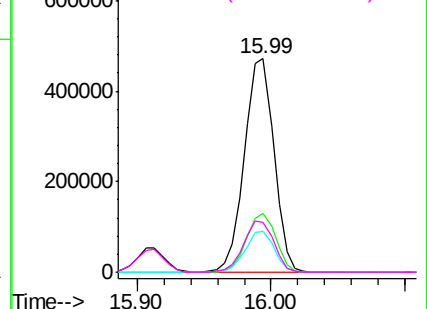
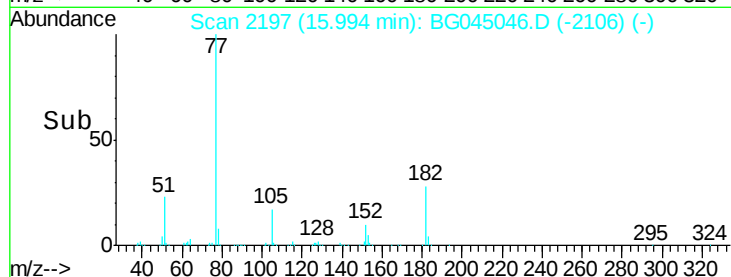


Abundance Ion 77.00 (76.70 to 77.70): BGC

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# 2437

Delta R.T. 0.00 min

Lab File: BG045046.D

Acq: 18 Apr 2020 1:07

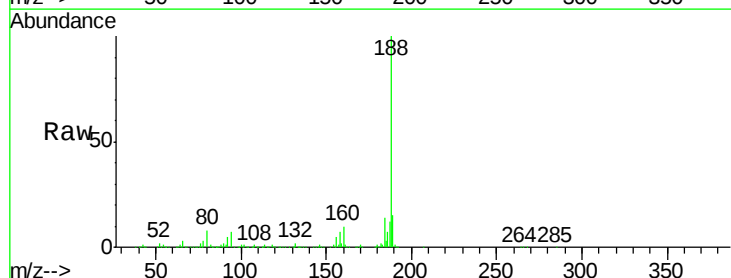
Tgt Ion: 188 Resp: 486721

Ion Ratio Lower Upper

188 100

94 7.1 6.2 9.4

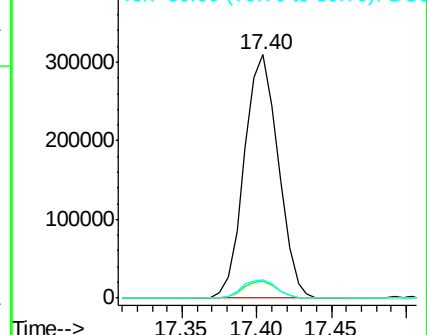
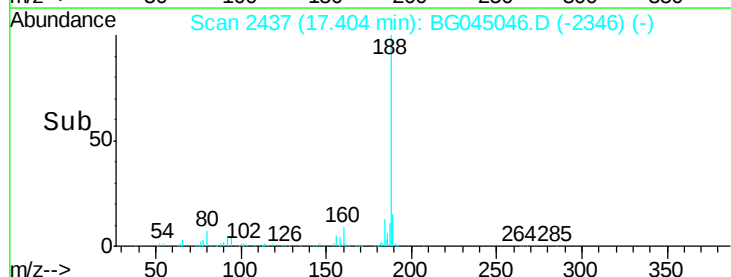
80 7.5 7.0 10.6

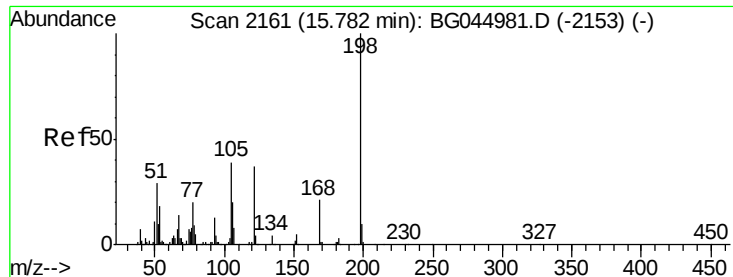


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 49.421 ng

RT: 15.78 min Scan# 2160

Delta R.T. -0.00 min

Lab File: BG045046.D

Acq: 18 Apr 2020 1:07

Instrument :

BNA_G

ClientSampleId :

PB128298BS

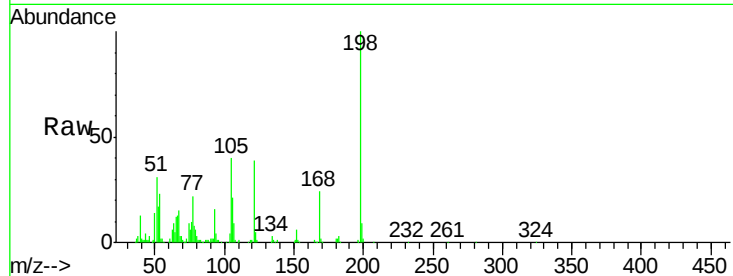
Tot Ion:198 Resp: 158108

Ion Ratio Lower Upper

198 100

51 31.2 10.0 50.0

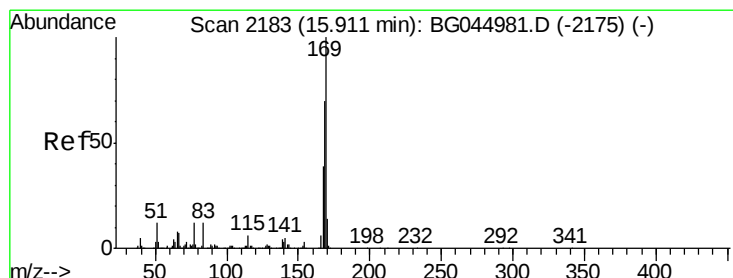
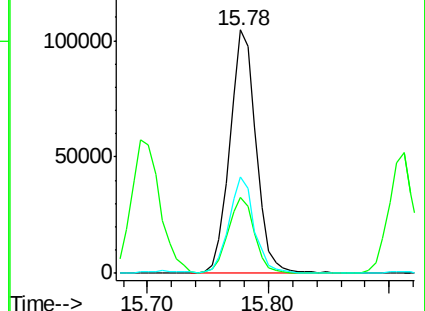
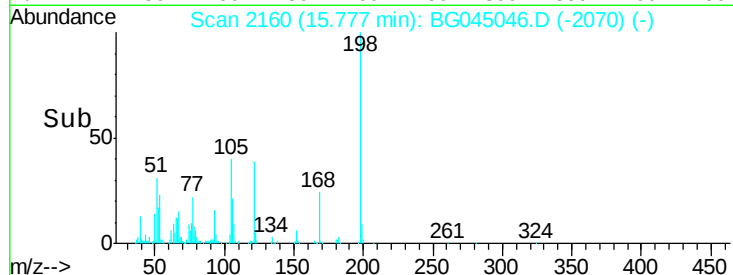
105 39.8 18.9 58.9



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 45.654 ng

RT: 15.91 min Scan# 2183

Delta R.T. 0.00 min

Lab File: BG045046.D

Acq: 18 Apr 2020 1:07

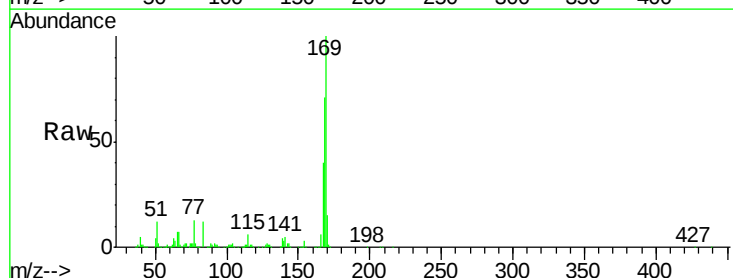
Tgt Ion:169 Resp: 638447

Ion Ratio Lower Upper

169 100

168 70.9 55.8 83.8

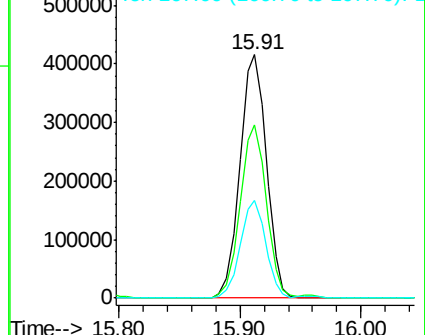
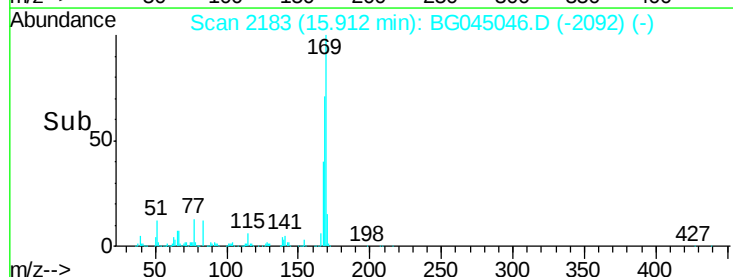
167 39.9 30.8 46.2

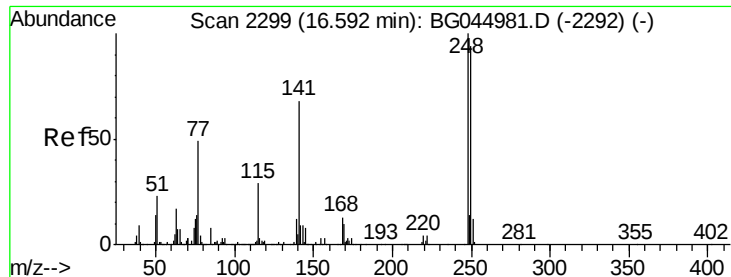


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

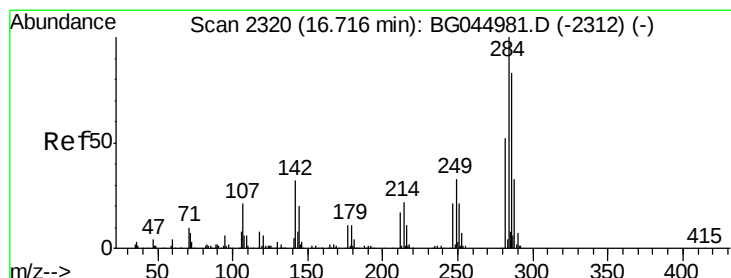
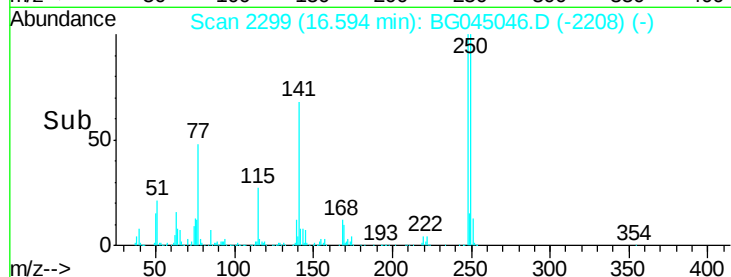
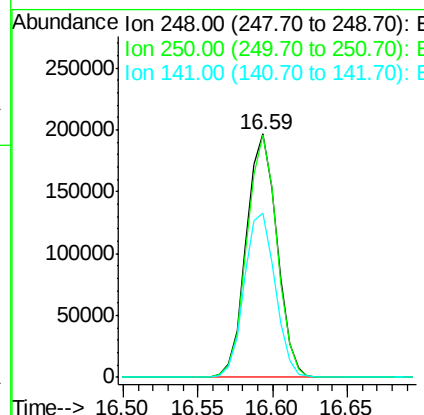
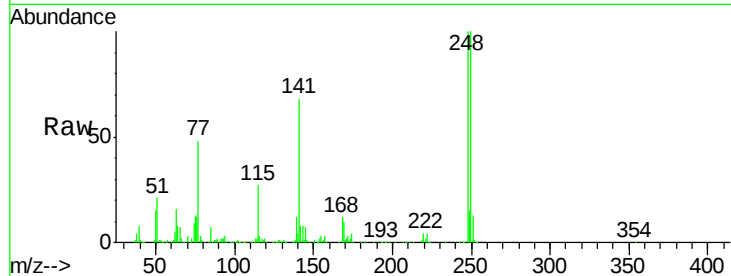




#67
4-Bromophenyl-phenylether
Concen: 44.482 ng
RT: 16.59 min Scan# 2299
Delta R.T. 0.00 min
Lab File: BG045046.D
Acq: 18 Apr 2020 1:07

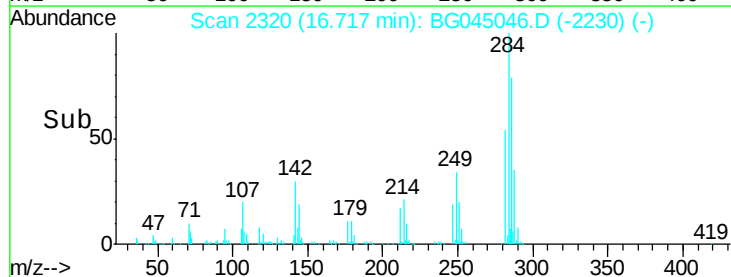
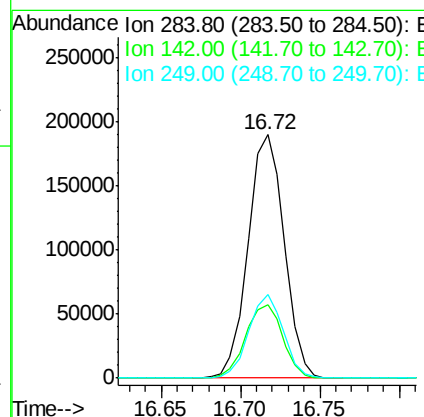
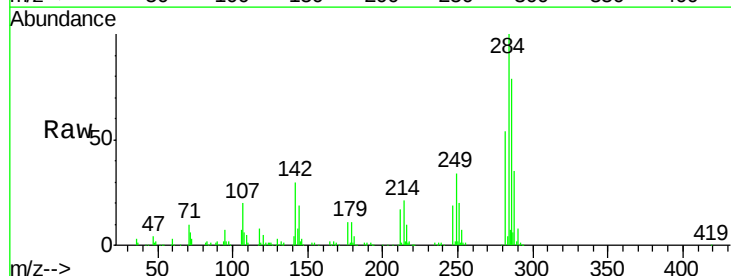
Instrument :
BNA_G
ClientSampled :
PB128298BS

Tot Ion:248 Resp: 279307
Ion Ratio Lower Upper
248 100
250 99.7 75.4 113.2
141 67.6 54.4 81.6



#68
Hexachlorobenzene
Concen: 46.074 ng
RT: 16.72 min Scan# 2320
Delta R.T. -0.00 min
Lab File: BG045046.D
Acq: 18 Apr 2020 1:07

Tgt Ion:284 Resp: 300043
Ion Ratio Lower Upper
284 100
142 30.1 25.8 38.6
249 34.2 26.6 39.8

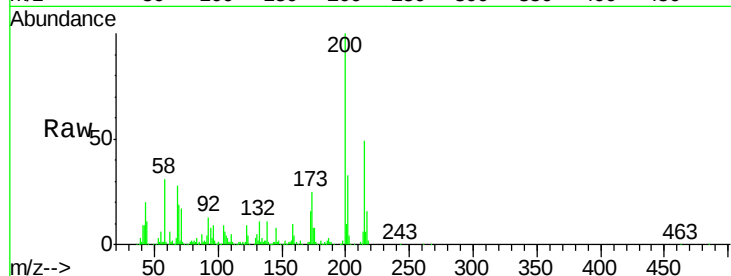




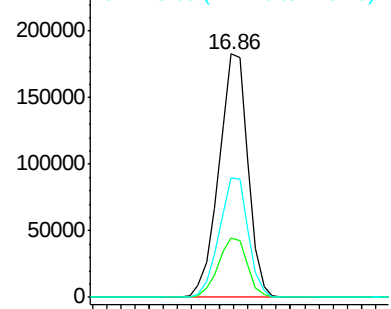
#69
Atrazine
Concen: 52.347 ng
RT: 16.86 min Scan# 2344
Delta R.T. -0.00 min
Lab File: BG045046.D
Acq: 18 Apr 2020 1:07

Instrument :
BNA_G
ClientSampleId :
PB128298BS

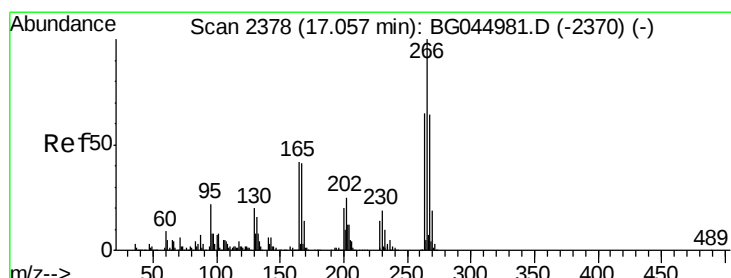
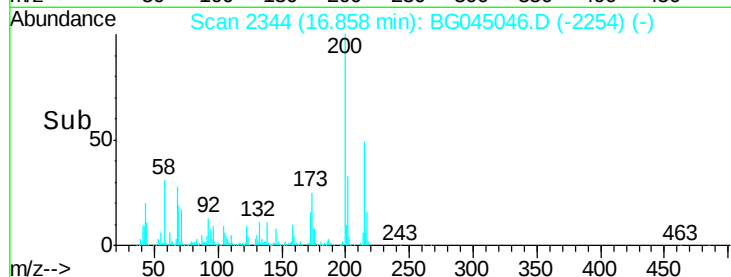
Tot Ion	Ratio	Lower	Upper
200	100		
173	24.6	4.5	44.5
215	49.1	30.0	70.0



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

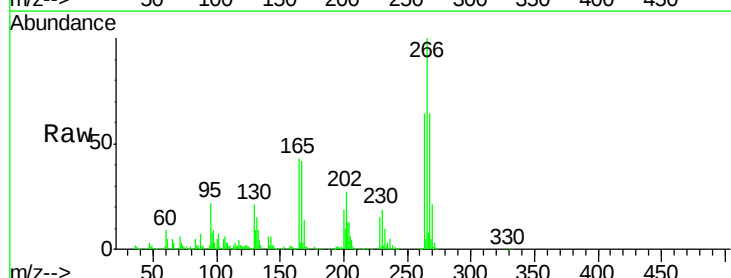


Time-->

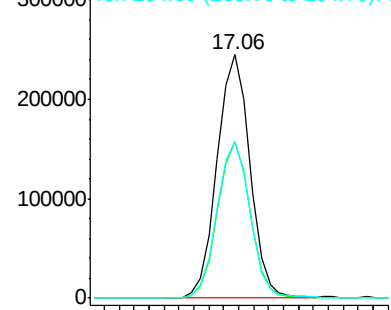


#70
Pentachlorophenol
Concen: 93.565 ng
RT: 17.06 min Scan# 2378
Delta R.T. 0.00 min
Lab File: BG045046.D
Acq: 18 Apr 2020 1:07

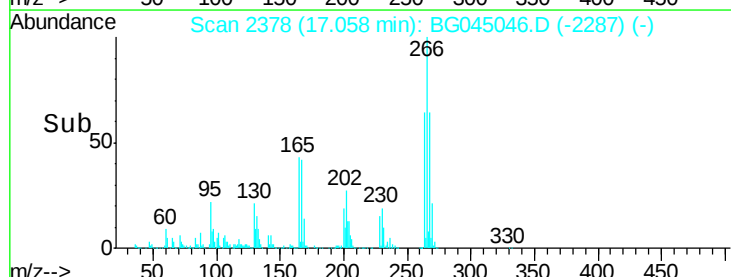
Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.4	51.5	77.3
264	64.1	52.2	78.4

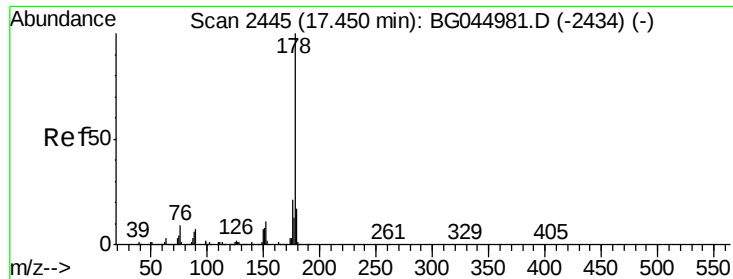


Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E



Time-->





#71

Phenanthrene

Concen: 45.985 ng

RT: 17.45 min Scan# 2444

Delta R.T. -0.00 min

Lab File: BG045046.D

Acq: 18 Apr 2020 1:07

Instrument :

BNA_G

ClientSampleId :

PB128298BS

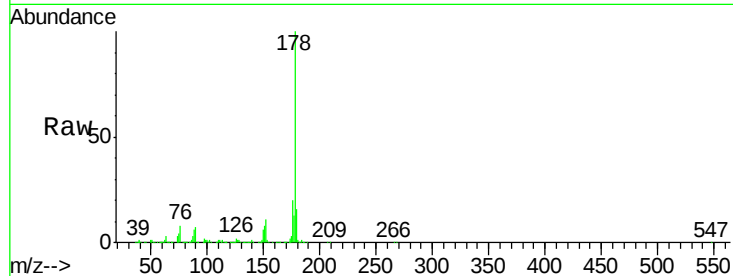
Tot Ion:178 Resp: 1150155

Ion Ratio Lower Upper

178 100

176 20.2 16.8 25.2

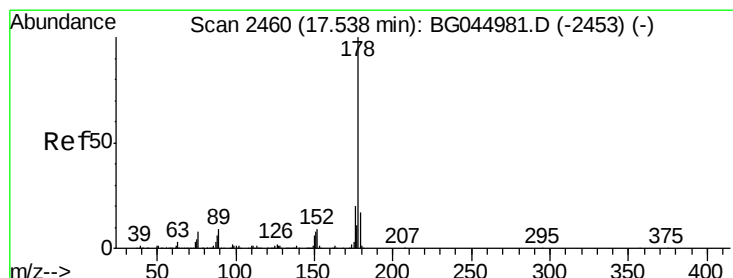
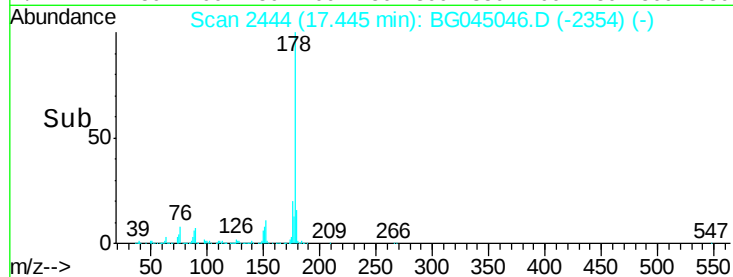
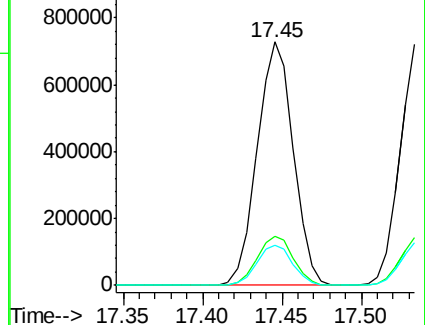
179 16.4 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 46.764 ng

RT: 17.54 min Scan# 2460

Delta R.T. 0.00 min

Lab File: BG045046.D

Acq: 18 Apr 2020 1:07

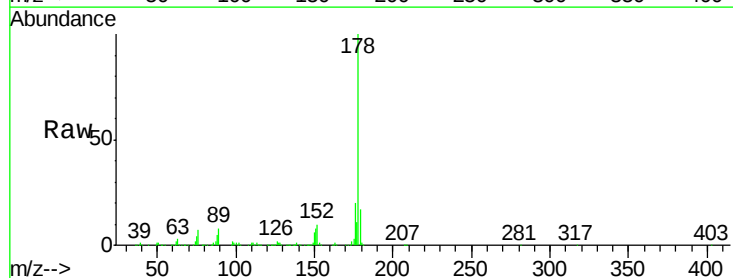
Tgt Ion:178 Resp: 1173249

Ion Ratio Lower Upper

178 100

176 20.1 16.0 24.0

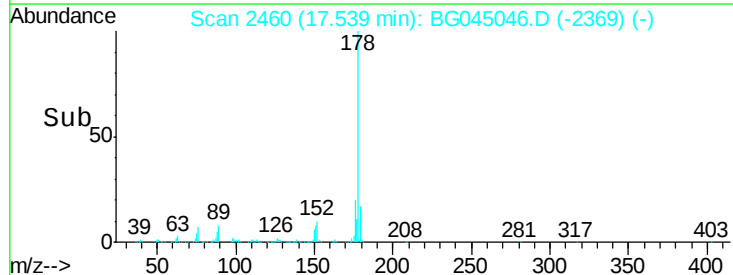
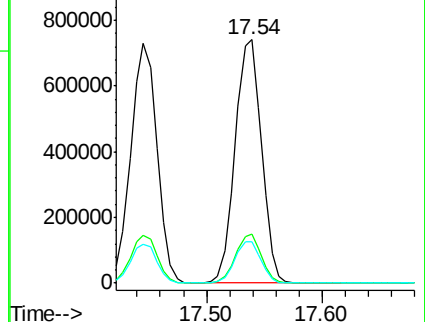
179 17.0 13.6 20.4

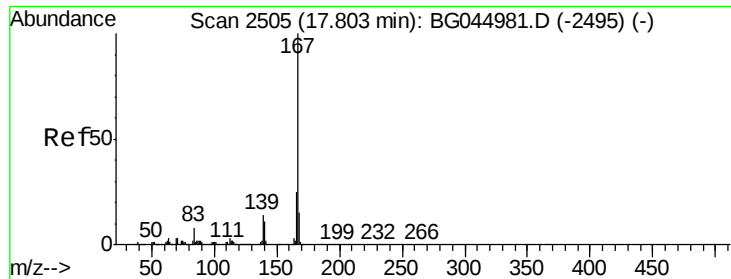


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

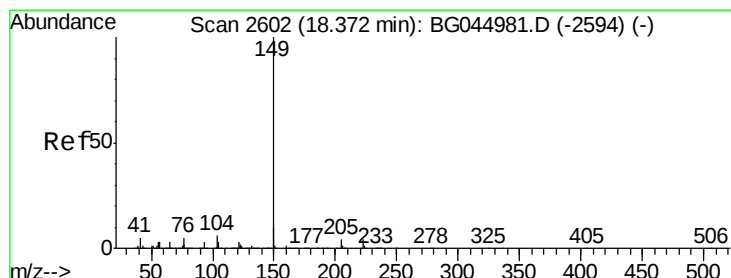
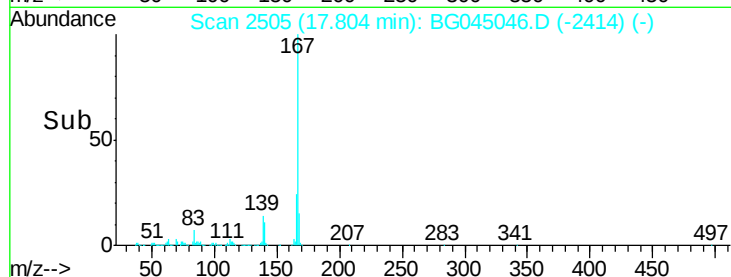
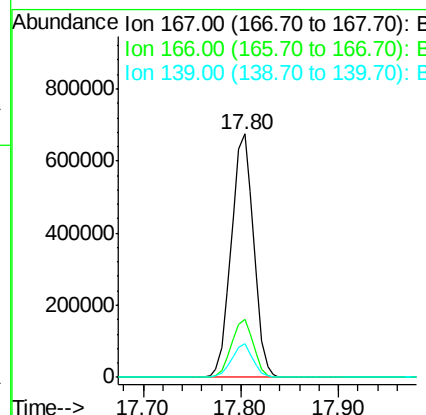
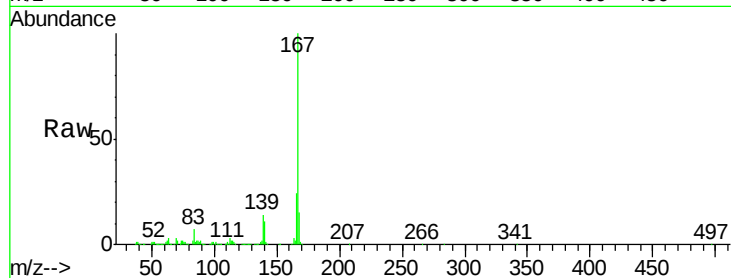




#73
 Carbazole
 Concen: 42.201 ng
 RT: 17.80 min Scan# 2505
 Delta R.T. 0.00 min
 Lab File: BG045046.D
 Acq: 18 Apr 2020 1:07

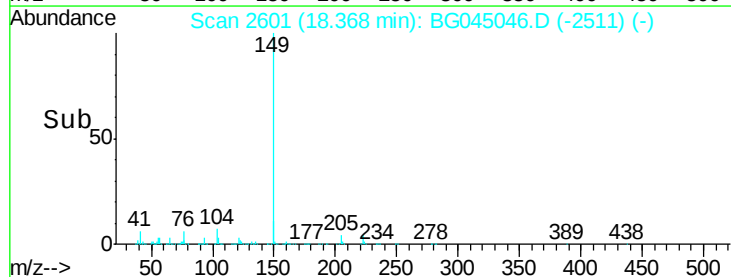
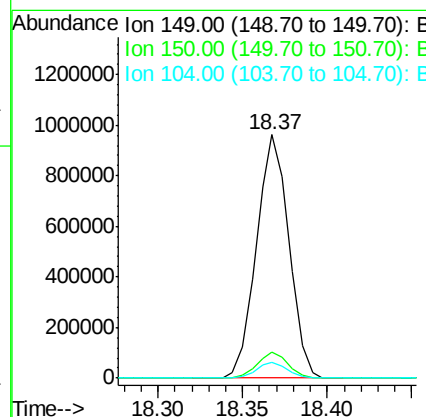
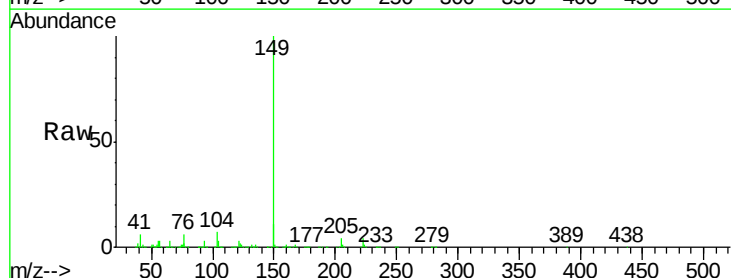
Instrument :
 BNA_G
 ClientSampleId :
 PB128298BS

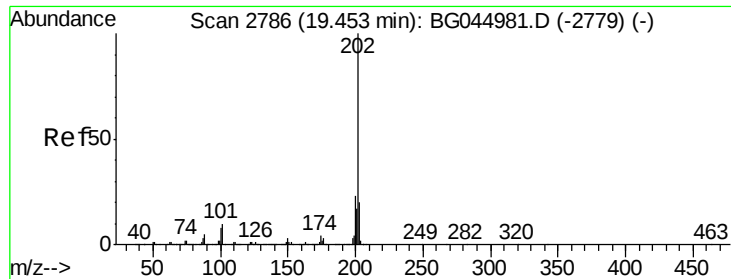
Tot Ion:167 Resp: 1074450
 Ion Ratio Lower Upper
 167 100
 166 23.7 19.8 29.6
 139 13.7 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 46.339 ng
 RT: 18.37 min Scan# 2601
 Delta R.T. -0.00 min
 Lab File: BG045046.D
 Acq: 18 Apr 2020 1:07

Tgt Ion:149 Resp: 1279262
 Ion Ratio Lower Upper
 149 100
 150 10.6 8.2 12.2
 104 6.5 4.8 7.2





#75

Fluoranthene

Concen: 48.254 ng

RT: 19.45 min Scan# 2785

Delta R.T. -0.00 min

Lab File: BG045046.D

Acq: 18 Apr 2020 1:07

Instrument :

BNA_G

ClientSampleId :

PB128298BS

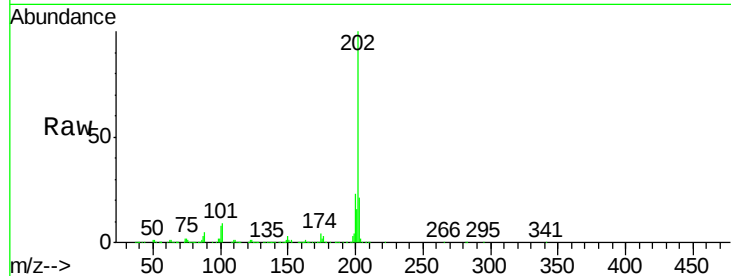
Tot Ion:202 Resp: 1405449

Ion Ratio Lower Upper

202 100

101 9.1 0.0 29.6

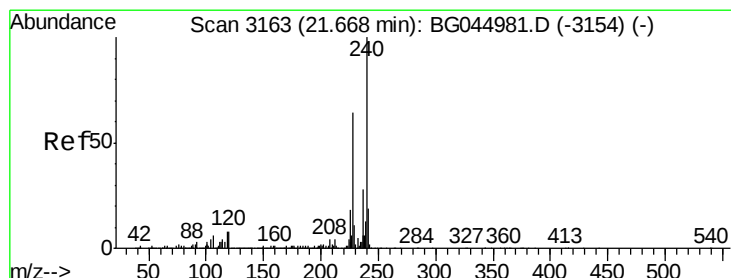
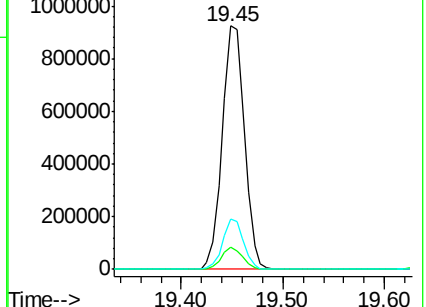
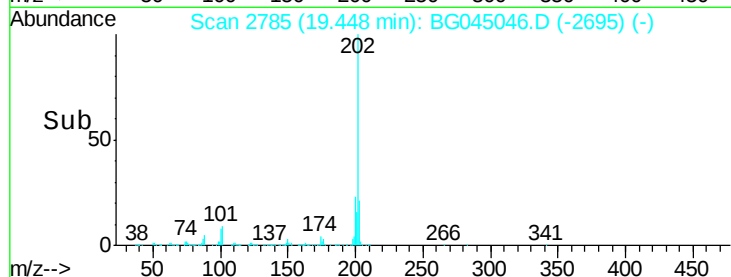
203 20.6 0.0 39.7



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: 21.67 min Scan# 3163

Delta R.T. 0.00 min

Lab File: BG045046.D

Acq: 18 Apr 2020 1:07

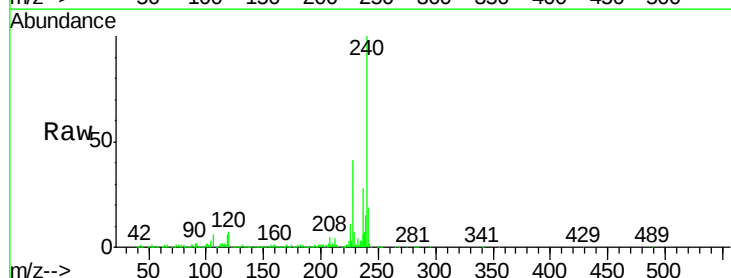
Tgt Ion:240 Resp: 448629

Ion Ratio Lower Upper

240 100

120 7.0 6.6 10.0

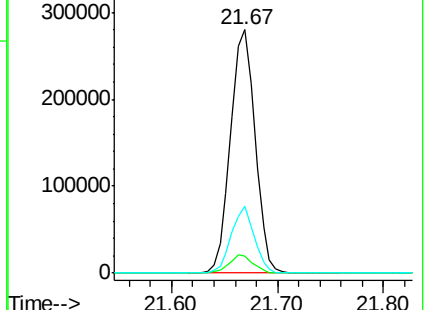
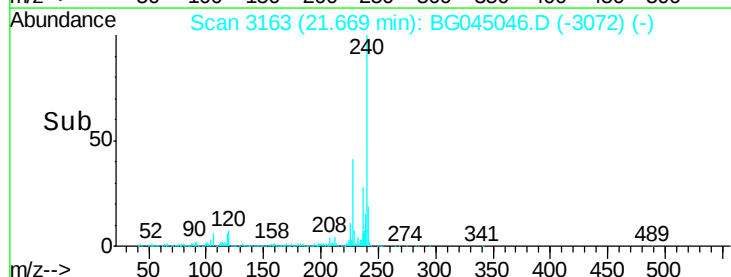
236 27.6 22.2 33.2



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: 52.809 ng

RT: 19.62 min Scan# 2815

Delta R.T. -0.00 min

Lab File: BG045046.D

Acq: 18 Apr 2020 1:07

Instrument :

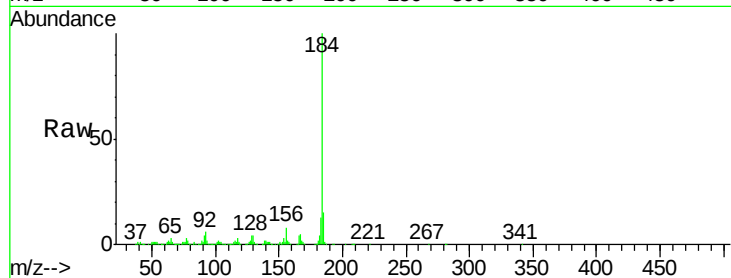
BNA_G

ClientSampleId :

PB128298BS

Tot Ion:184 Resp: 672779

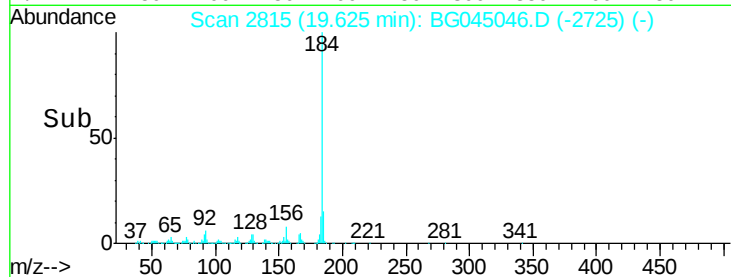
Ion	Ratio	Lower	Upper
184	100		
185	14.7	12.6	19.0
183	13.3	11.3	16.9



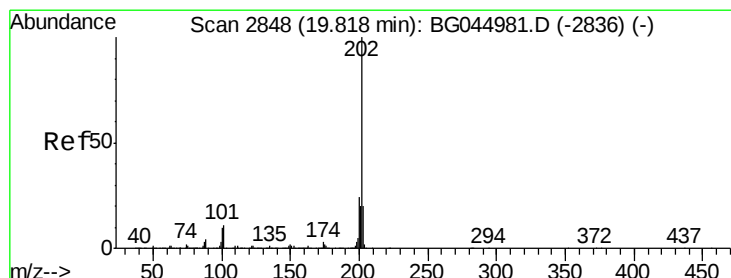
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->



#78

Pyrene

Concen: 44.123 ng

RT: 19.81 min Scan# 2847

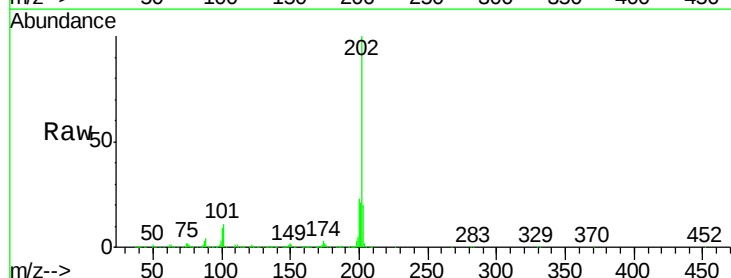
Delta R.T. 0.00 min

Lab File: BG045046.D

Acq: 18 Apr 2020 1:07

Tgt Ion:202 Resp: 1364652

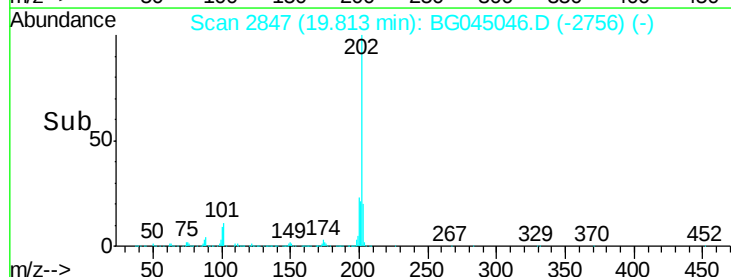
Ion	Ratio	Lower	Upper
202	100		
200	22.9	19.0	28.6
203	20.3	16.1	24.1



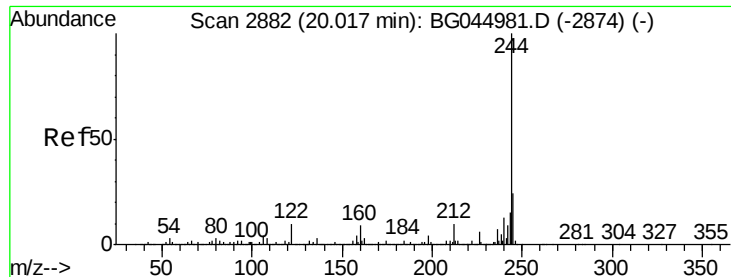
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#79

Terphenyl-d14

Concen: 97.601 ng

RT: 20.01 min Scan# 2881

Delta R.T. -0.00 min

Lab File: BG045046.D

Acq: 18 Apr 2020 1:07

Instrument :

BNA_G

ClientSampleId :

PB128298BS

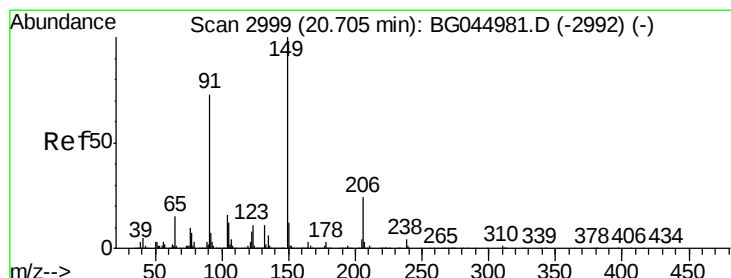
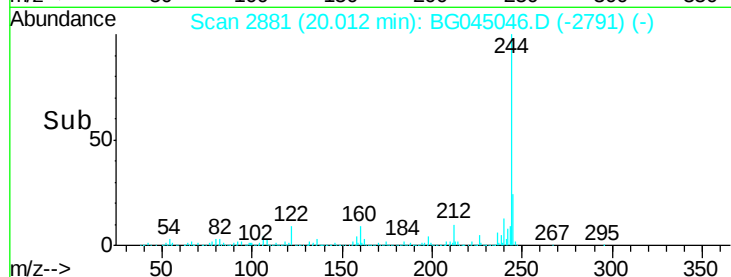
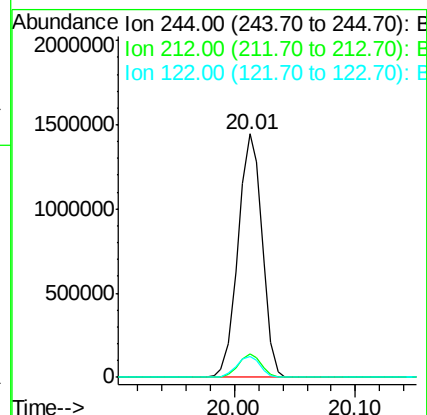
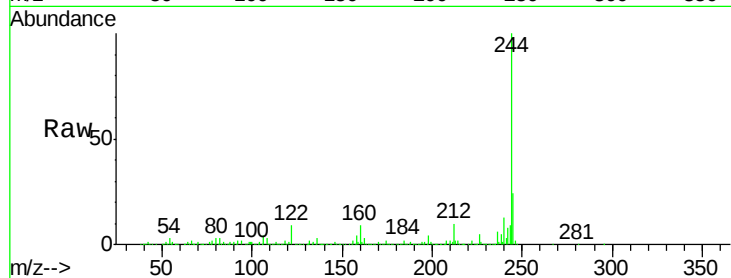
Tot Ion:244 Resp: 2008950

Ion Ratio Lower Upper

244 100

212 9.7 7.9 11.9

122 8.8 7.7 11.5



#80

Butylbenzylphthalate

Concen: 43.858 ng

RT: 20.70 min Scan# 2998

Delta R.T. -0.00 min

Lab File: BG045046.D

Acq: 18 Apr 2020 1:07

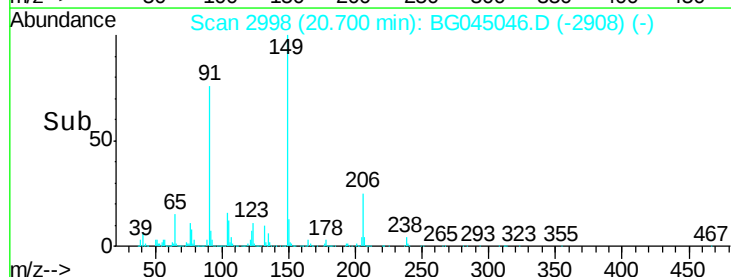
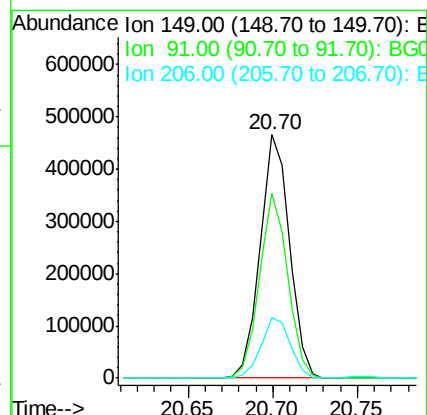
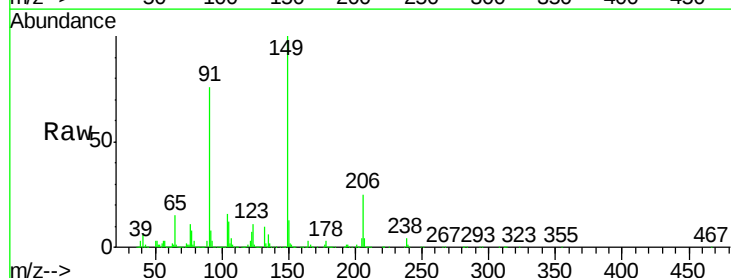
Tgt Ion:149 Resp: 562279

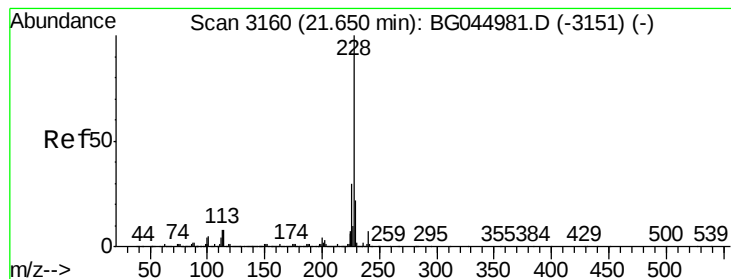
Ion Ratio Lower Upper

149 100

91 76.1 58.5 87.7

206 24.8 19.2 28.8





#81

Benzo(a)anthracene

Concen: 46.048 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.00 min

Lab File: BG045046.D

Acq: 18 Apr 2020 1:07

Instrument :

BNA_G

ClientSampleId :

PB128298BS

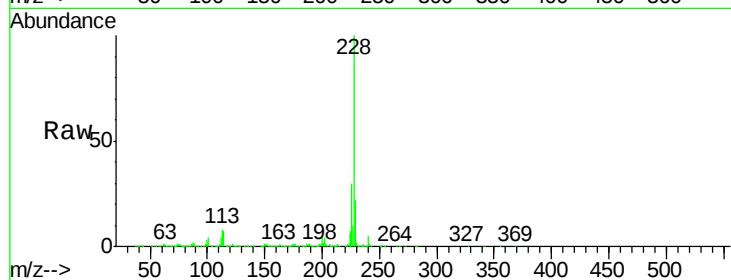
Tot Ion:228 Resp: 1338965

Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.0	36.0
229	21.5	17.5	26.3

228 100

226 29.6 24.0 36.0

229 21.5 17.5 26.3

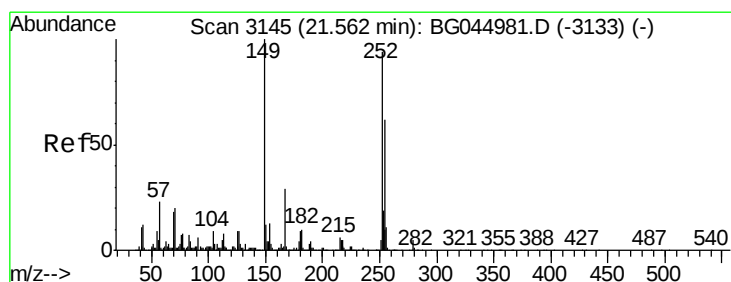
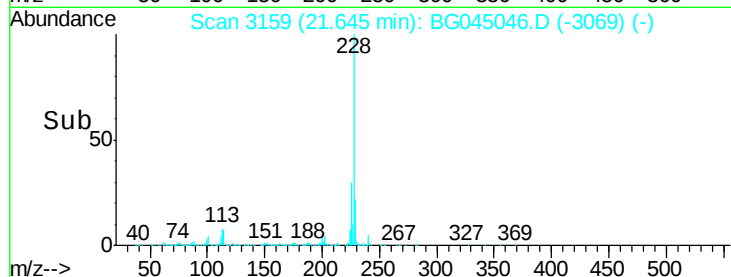
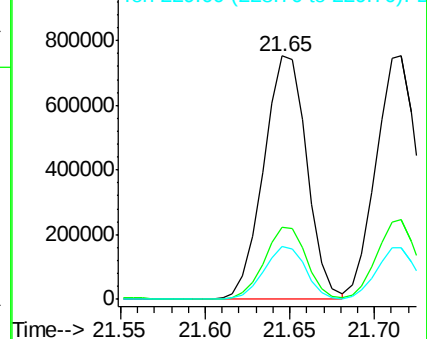


Abundance

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: 29.603 ng

RT: 21.56 min Scan# 3144

Delta R.T. -0.00 min

Lab File: BG045046.D

Acq: 18 Apr 2020 1:07

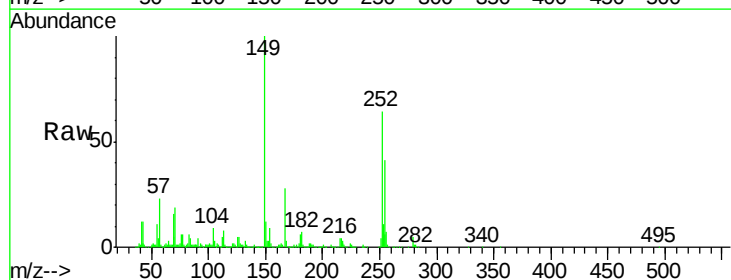
Tgt Ion:252 Resp: 342616

Ion	Ratio	Lower	Upper
252	100		
254	63.9	52.6	79.0
126	8.1	7.5	11.3

252 100

254 63.9 52.6 79.0

126 8.1 7.5 11.3

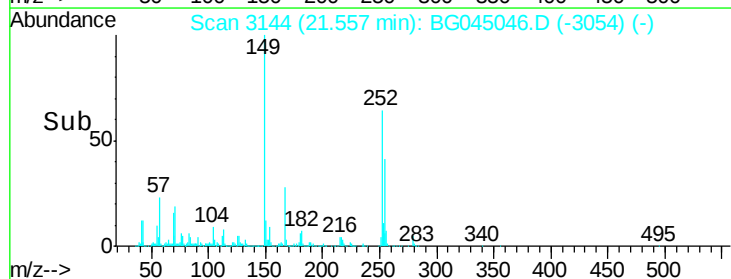
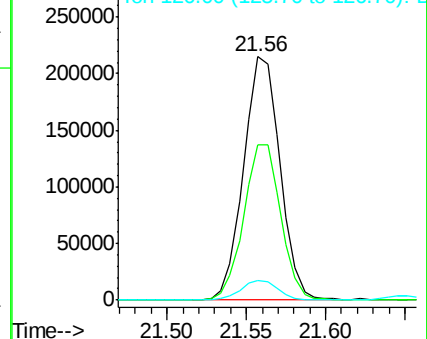


Abundance

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: 45.897 ng

RT: 21.72 min Scan# 3171

Delta R.T. 0.00 min

Lab File: BG045046.D

Acq: 18 Apr 2020 1:07

Instrument :

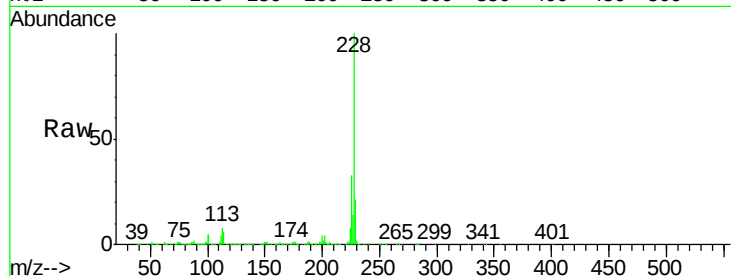
BNA_G

ClientSampleId :

PB128298BS

Tot Ion:228 Resp: 1282283

Ion	Ratio	Lower	Upper
228	100		
226	32.7	26.2	39.4
229	21.1	17.0	25.6

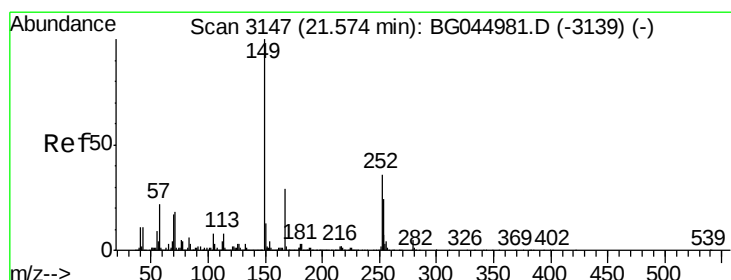
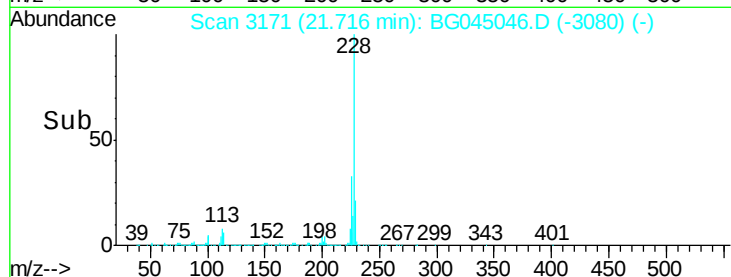
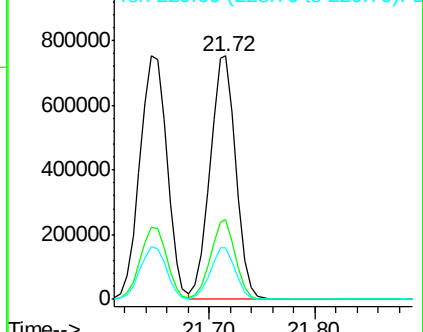


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.277 ng

RT: 21.57 min Scan# 3146

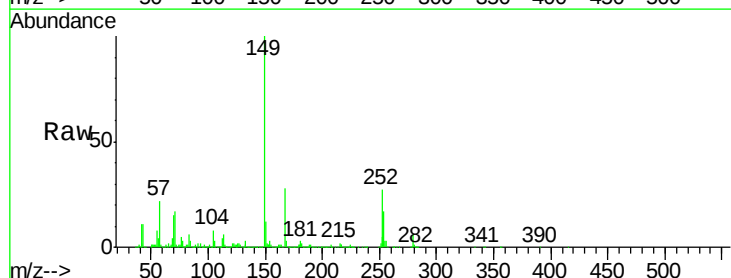
Delta R.T. 0.00 min

Lab File: BG045046.D

Acq: 18 Apr 2020 1:07

Tgt Ion:149 Resp: 798346

Ion	Ratio	Lower	Upper
149	100		
167	28.4	23.4	35.0
279	6.0	4.3	6.5

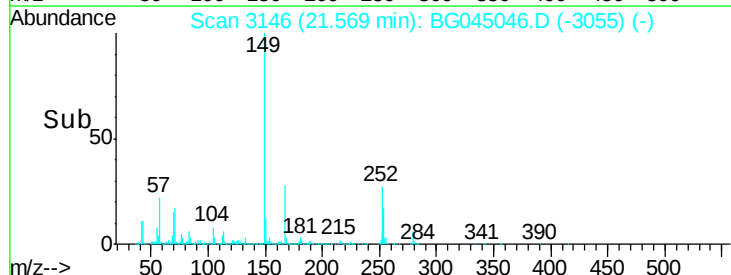
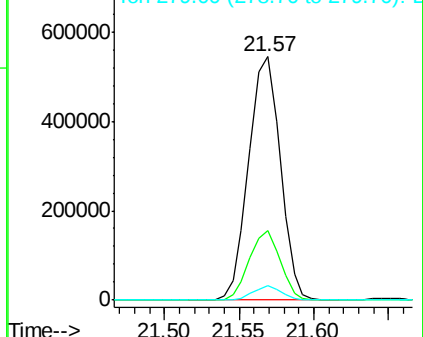


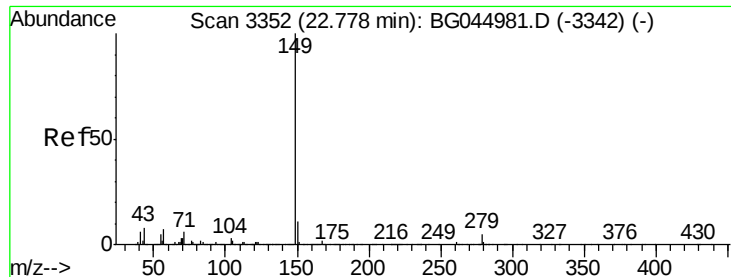
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 44.894 ng

RT: 22.77 min Scan# 3351

Delta R.T. -0.00 min

Lab File: BG045046.D

Acq: 18 Apr 2020 1:07

Instrument :

BNA_G

ClientSampleId :

PB128298BS

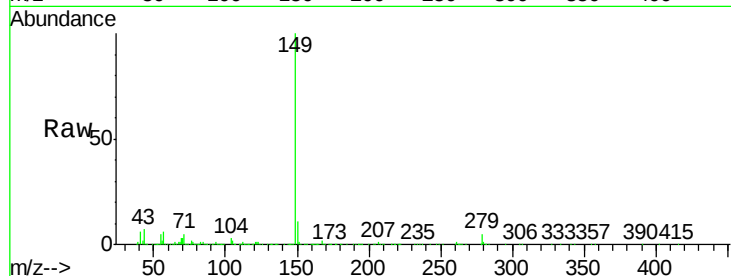
Tot Ion:149 Resp: 1368851

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.2

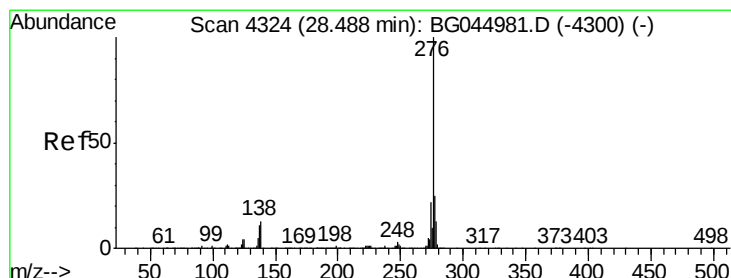
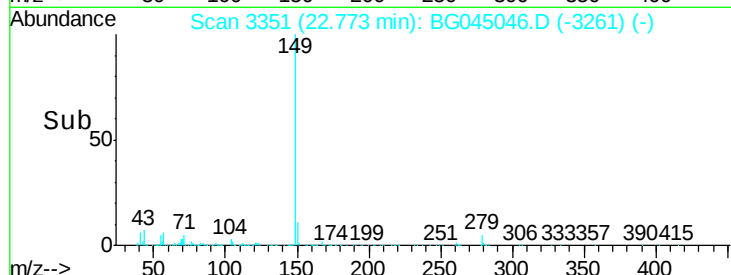
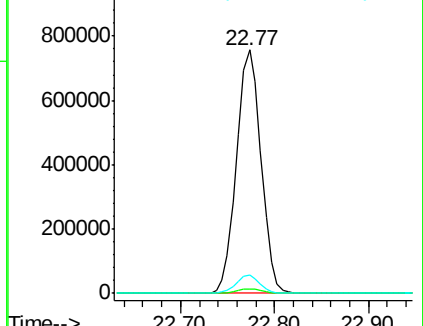
43 7.3 5.7 8.5



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: 47.622 ng

RT: 28.48 min Scan# 4322

Delta R.T. -0.00 min

Lab File: BG045046.D

Acq: 18 Apr 2020 1:07

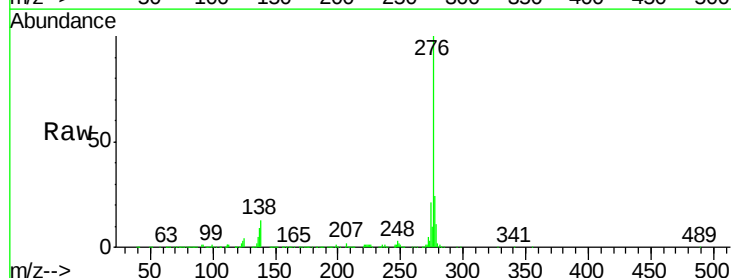
Tgt Ion:276 Resp: 1766452

Ion Ratio Lower Upper

276 100

138 15.7 9.6 14.4#

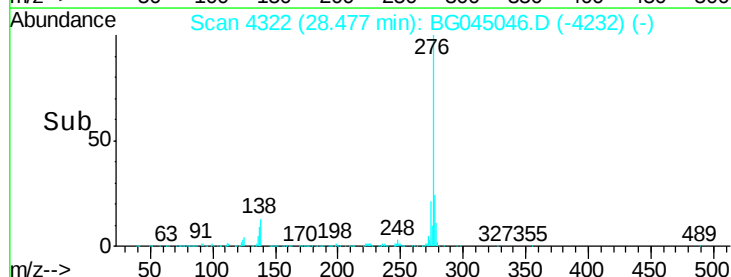
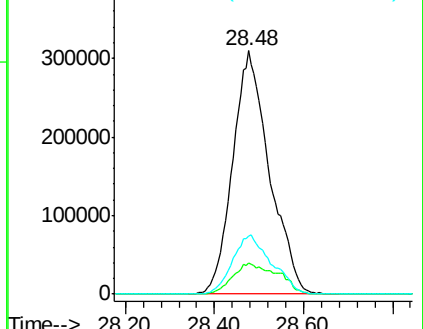
277 26.0 20.6 31.0

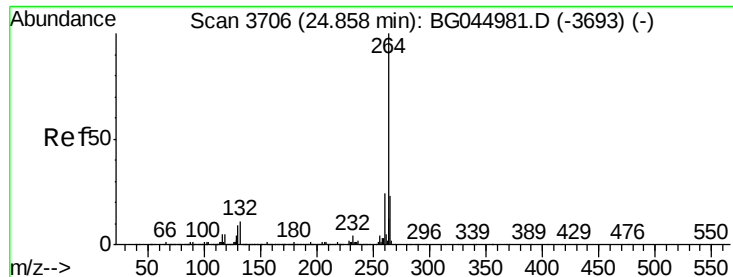


Abundance Ion 276.00 (275.70 to 276.70): E

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# 3705

Delta R.T. -0.00 min

Lab File: BG045046.D

Acq: 18 Apr 2020 1:07

Instrument :

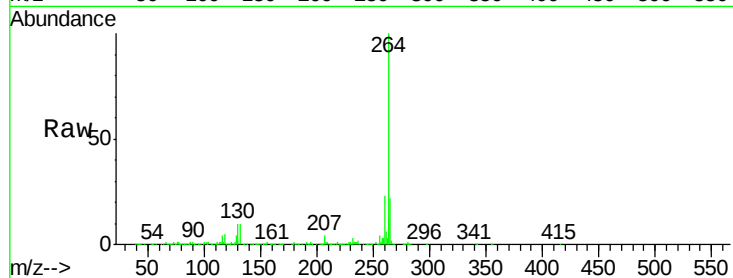
BNA_G

ClientSampleId :

PB128298BS

Tot Ion:264 Resp: 502912

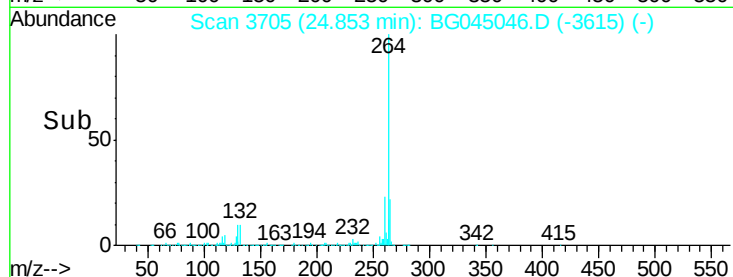
Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	21.8	19.0	28.4



Abundance Ion 264.00 (263.70 to 264.70): E

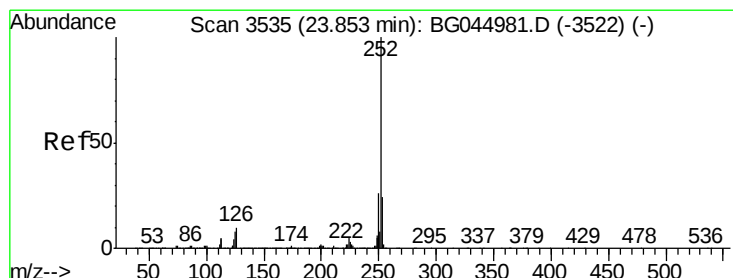
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



24.85

Time-->



#88

Benzo(b)fluoranthene

Concen: 46.469 ng

RT: 23.85 min Scan# 3534

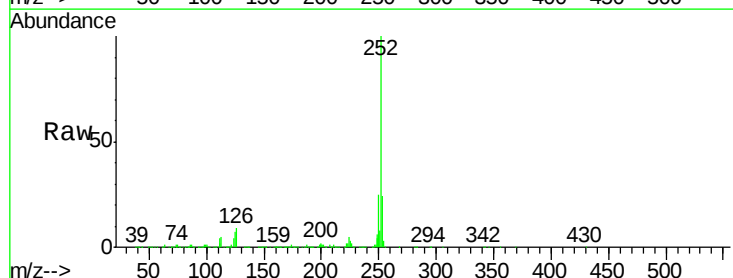
Delta R.T. -0.00 min

Lab File: BG045046.D

Acq: 18 Apr 2020 1:07

Tgt Ion:252 Resp: 1463881

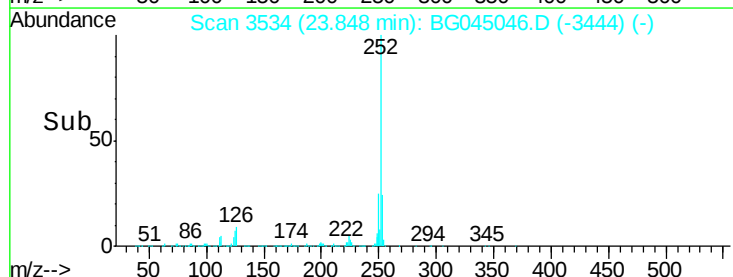
Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.8	28.2
125	7.0	6.2	9.4



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



23.85

Time-->



#89

Benzo(k)fluoranthene

Concen: 47.372 ng

RT: 23.91 min Scan# 3545

Delta R.T. -0.00 min

Lab File: BG045046.D

Acq: 18 Apr 2020 1:07

Instrument :

BNA_G

ClientSampleId :

PB128298BS

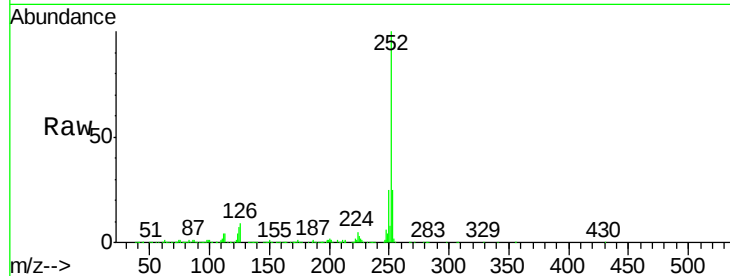
Tot Ion:252 Resp: 1419212

Ion Ratio Lower Upper

252 100

253 24.6 19.2 28.8

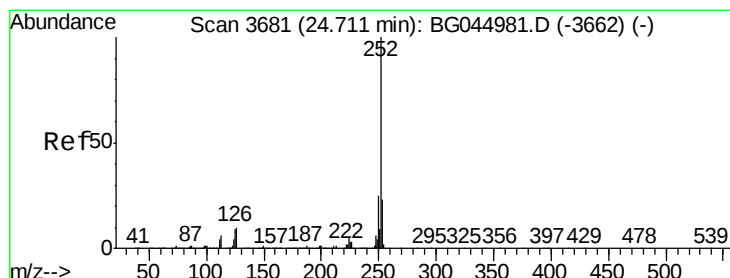
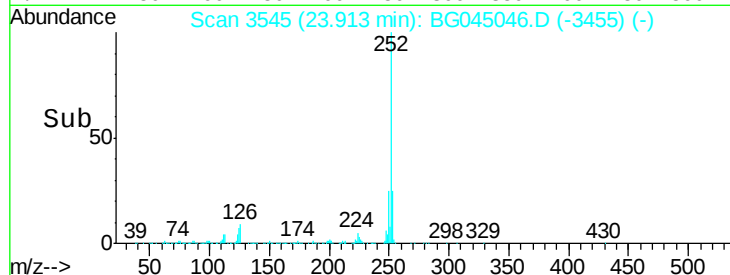
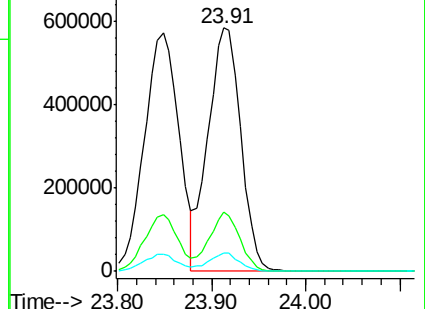
125 7.3 5.9 8.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 45.690 ng

RT: 24.71 min Scan# 3680

Delta R.T. 0.00 min

Lab File: BG045046.D

Acq: 18 Apr 2020 1:07

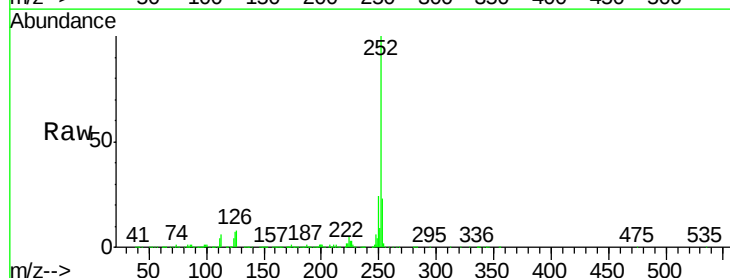
Tgt Ion:252 Resp: 1358956

Ion Ratio Lower Upper

252 100

253 22.9 18.3 27.5

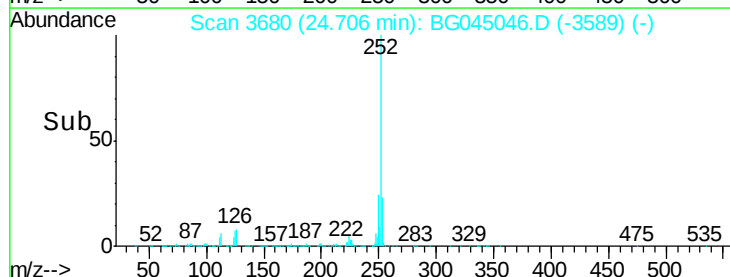
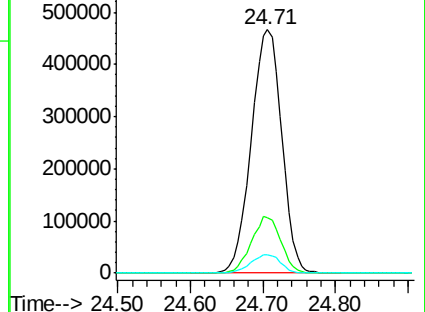
125 7.4 7.0 10.6

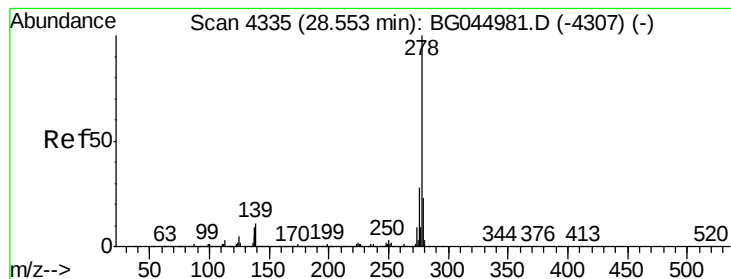


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 47.500 ng

RT: 28.55 min Scan# 4334

Delta R.T. 0.00 min

Lab File: BG045046.D

Acq: 18 Apr 2020 1:07

Instrument :

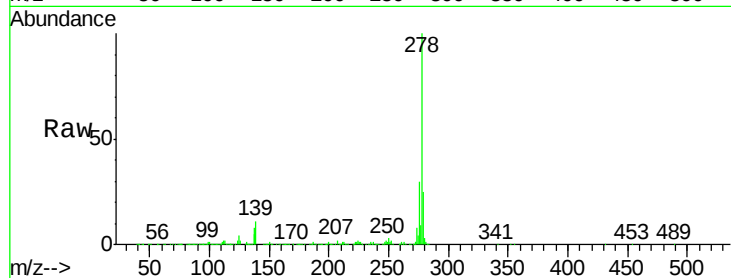
BNA_G

ClientSampleId :

PB128298BS

Tot Ion:278 Resp: 1423585

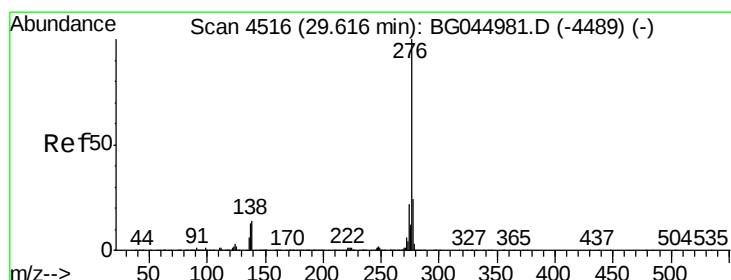
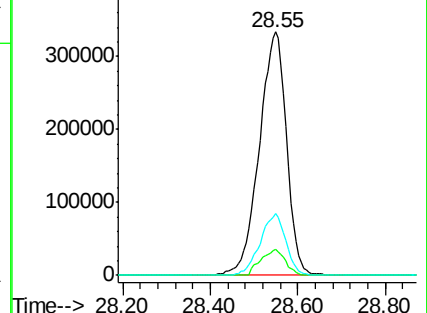
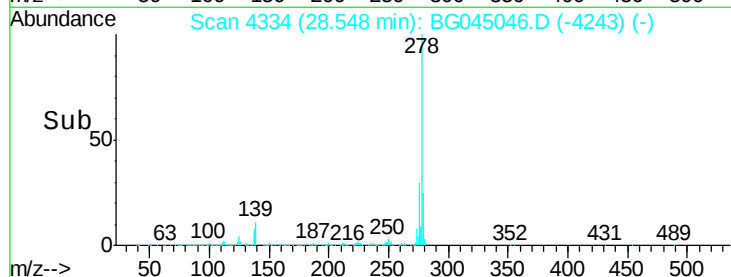
Ion	Ratio	Lower	Upper
278	100		
139	10.8	9.0	13.6
279	25.3	18.4	27.6



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: 47.687 ng

RT: 29.61 min Scan# 4514

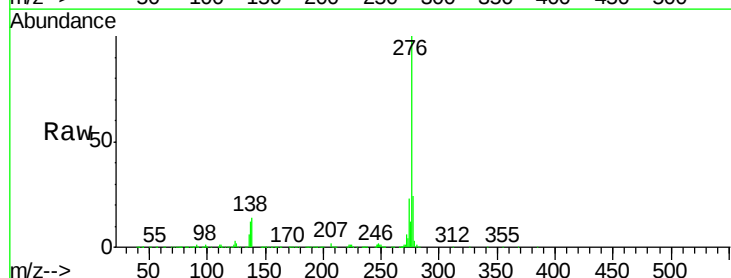
Delta R.T. -0.00 min

Lab File: BG045046.D

Acq: 18 Apr 2020 1:07

Tgt Ion:276 Resp: 1432861

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.3	28.9
138	13.5	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

