

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG041620\
 Data File : BG045010.D
 Acq On : 16 Apr 2020 17:31
 Operator : CG/JU
 Sample : PB128228BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB128228BS

Quant Time: Apr 16 18:06:36 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 15 17:57:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	57774	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	254749	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	204316	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	516248	20.00	ng	0.00
76) Chrysene-d12	21.67	240	477967	20.00	ng	0.00
87) Perylene-d12	24.85	264	546118	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	543523	155.32	ng	0.00
7) Phenol-d6	7.18	99	795991	153.10	ng	0.00
23) Nitrobenzene-d5	9.18	82	487877	87.39	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	446006	141.30	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1214666	87.17	ng	0.00
79) Terphenyl-d14	20.01	244	2193382	100.02	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.48	88	60389	38.830	ng	98
3) Pyridine	3.87	79	176673	36.896	ng	98
4) n-Nitrosodimethylamine	3.79	42	69621	47.462	ng	# 92
6) Aniline	7.34	93	256952	38.010	ng	97
8) 2-Chlorophenol	7.59	128	207392	55.143	ng	99
9) Benzaldehyde	7.15	77	104684	34.155	ng	97
10) Phenol	7.21	94	283459	54.481	ng	99
11) bis(2-Chloroethyl)ether	7.43	93	186776	45.089	ng	96
12) 1,3-Dichlorobenzene	7.91	146	205094	46.278	ng	97
13) 1,4-Dichlorobenzene	8.06	146	208124	47.129	ng	98
14) 1,2-Dichlorobenzene	8.38	146	194756	46.099	ng	94
15) Benzyl Alcohol	8.26	79	217910	49.989	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.55	45	176338	43.366	ng	97
17) 2-Methylphenol	8.46	107	195135	48.611	ng	98
18) Hexachloroethane	9.11	117	77281	46.552	ng	97
19) n-Nitroso-di-n-propylamine	8.83	70	172446	46.899	ng	98
20) 3+4-Methylphenols	8.79	107	278424	49.552	ng	99
22) Acetophenone	8.84	105	317344	46.065	ng	# 97
24) Nitrobenzene	9.22	77	260291	45.483	ng	98
25) Isophorone	9.75	82	495259	43.317	ng	97
26) 2-Nitrophenol	9.94	139	121147	49.145	ng	100
27) 2,4-Dimethylphenol	10.00	122	206335	52.752	ng	96
28) bis(2-Chloroethoxy)methane	10.23	93	285487	47.524	ng	96
29) 2,4-Dichlorophenol	10.47	162	236661	52.400	ng	98
30) 1,2,4-Trichlorobenzene	10.70	180	229827	44.944	ng	98
31) Naphthalene	10.88	128	640229	45.941	ng	99
32) Benzoic acid	10.14	122	161057	50.576	ng	99
33) 4-Chloroaniline	10.98	127	164816	25.359	ng	97
34) Hexachlorobutadiene	11.18	225	152165	43.402	ng	96
35) Caprolactam	11.75	113	50241	27.950	ng	89
36) 4-Chloro-3-methylphenol	12.11	107	284786	53.676	ng	98
37) 2-Methylnaphthalene	12.49	142	519111	47.991	ng	99
38) 1-Methylnaphthalene	12.70	142	492606	48.240	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	278815	42.383	ng	99

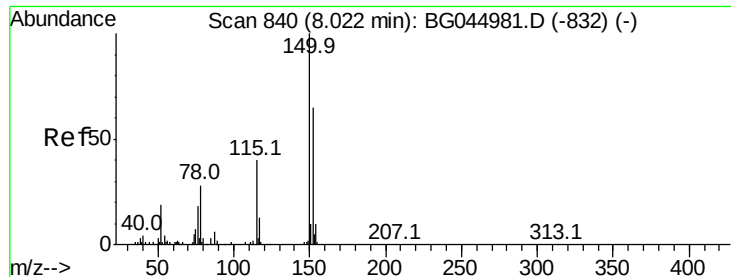
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG041620\
 Data File : BG045010.D
 Acq On : 16 Apr 2020 17:31
 Operator : CG/JU
 Sample : PB128228BS
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Instrument :
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 QLast Update : Wed Apr 15 17:57:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	385951	93.868	ng	98
43) 2,4,6-Trichlorophenol	13.09	196	224904	48.441	ng	93
44) 2,4,5-Trichlorophenol	13.16	196	248122	46.951	ng	98
46) 1,1'-Biphenyl	13.49	154	673726	43.384	ng	99
47) 2-Chloronaphthalene	13.53	162	528126	44.507	ng	100
48) 2-Nitroaniline	13.73	65	182310	46.696	ng	97
49) Acenaphthylene	14.38	152	891495	46.124	ng	99
50) Dimethylphthalate	14.11	163	762453	45.831	ng	99
51) 2,6-Dinitrotoluene	14.22	165	172993	46.490	ng	97
52) Acenaphthene	14.72	154	620643	47.459	ng	99
53) 3-Nitroaniline	14.55	138	128044	31.375	ng	96
54) 2,4-Dinitrophenol	14.75	184	136128	61.522	ng	96
55) Dibenzofuran	15.05	168	882812	46.304	ng	98
56) 4-Nitrophenol	14.87	139	299781	94.736	ng	97
57) 2,4-Dinitrotoluene	15.01	165	252239	46.385	ng	97
58) Fluorene	15.71	166	744179	47.786	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.28	232	242230	51.513	ng	98
60) Diethylphthalate	15.48	149	791043	45.606	ng	98
61) 4-Chlorophenyl-phenylether	15.70	204	409630	45.698	ng	99
62) 4-Nitroaniline	15.72	138	191043	45.132	ng	98
63) Azobenzene	15.99	77	764253	47.791	ng	98
65) 4,6-Dinitro-2-methylphenol	15.78	198	138907	40.935	ng	97
66) n-Nitrosodiphenylamine	15.91	169	676968	45.640	ng	98
67) 4-Bromophenyl-phenylether	16.59	248	289443	43.460	ng	98
68) Hexachlorobenzene	16.72	284	313555	45.395	ng	96
69) Atrazine	16.86	200	291878	55.014	ng	100
70) Pentachlorophenol	17.06	266	372991	88.025	ng	97
71) Phenanthrene	17.44	178	1237522	46.649	ng	98
72) Anthracene	17.53	178	1264046	47.501	ng	98
73) Carbazole	17.80	167	1185485	43.899	ng	98
74) Di-n-butylphthalate	18.37	149	1411416	48.483	ng	99
75) Fluoranthene	19.45	202	1546840	50.340	ng	99
77) Benzidine	19.62	184	810682	60.627	ng	97
78) Pyrene	19.81	202	1515827	46.002	ng	100
80) Butylbenzylphthalate	20.70	149	633912	46.411	ng	98
81) Benzo(a)anthracene	21.65	228	1476023	47.646	ng	99
82) 3,3'-Dichlorobenzidine	21.56	252	371659	30.142	ng	98
83) Chrysene	21.71	228	1407652	47.292	ng	98
84) Bis(2-ethylhexyl)phthalate	21.57	149	890730	47.416	ng	100
85) Di-n-octyl phthalate	22.77	149	1542298	47.478	ng	100
86) Indeno(1,2,3-cd)pyrene	28.47	276	1941313	49.124	ng	100
88) Benzo(b)fluoranthene	23.85	252	1606461	46.961	ng	99
89) Benzo(k)fluoranthene	23.91	252	1567620	48.186	ng	98
90) Benzo(a)pyrene	24.71	252	1499538	46.428	ng	# 98
91) Dibenzo(a,h)anthracene	28.54	278	1566487	48.133	ng	97
92) Benzo(g,h,i)perylene	29.60	276	1588071	48.671	ng	98

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

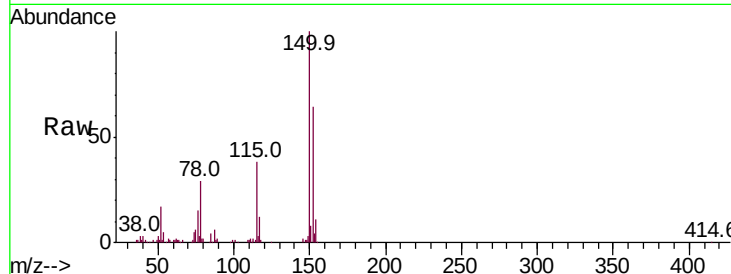


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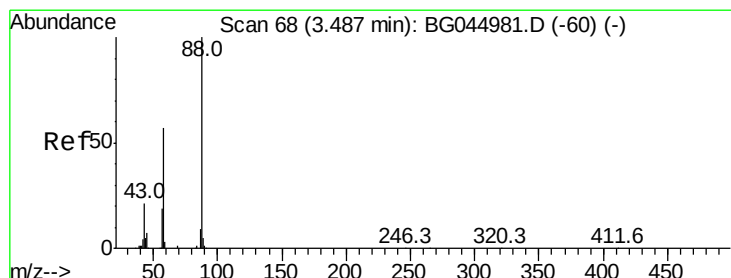
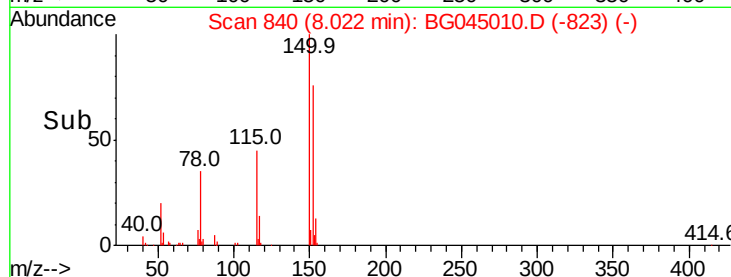
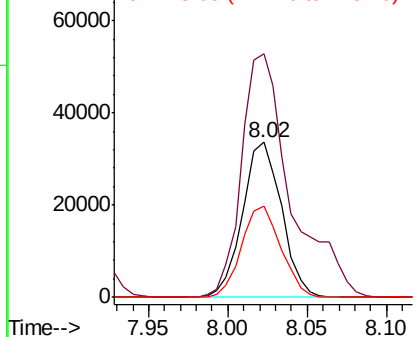
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. 0.00 min
Lab File: BG045010.D
Acq: 16 Apr 2020 17:31

Instrument :
BNA_G
ClientSampleId :
PB128228BS

Tot Ion:152 Resp: 57774
Ion Ratio Lower Upper
152 100
150 156.8 123.6 185.4
115 59.0 49.1 73.7



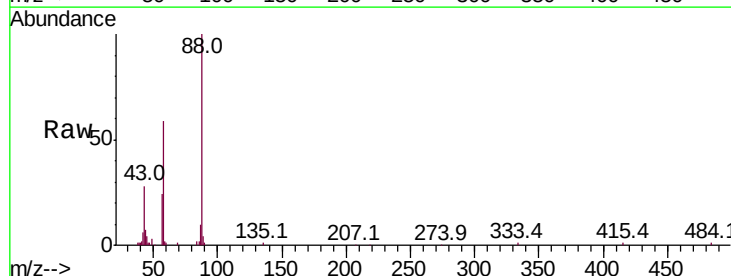
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



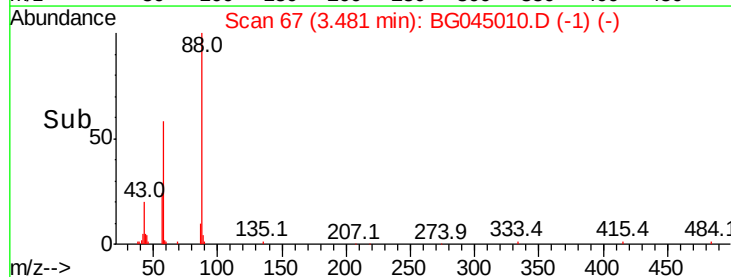
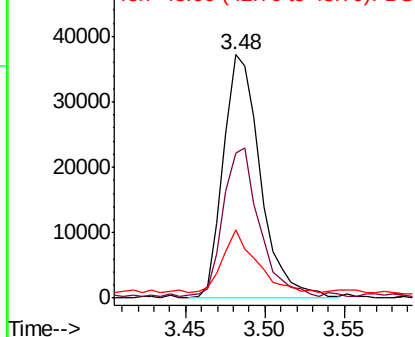
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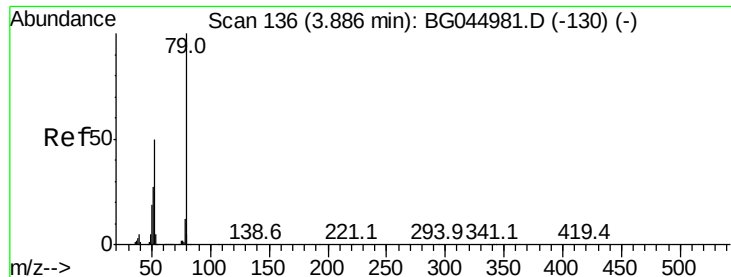
1,4-Dioxane
Concen: 38.830 ng
RT: 3.48 min Scan# 67
Delta R.T. -0.01 min
Lab File: BG045010.D
Acq: 16 Apr 2020 17:31

Tgt Ion: 88 Resp: 60389
Ion Ratio Lower Upper
88 100
58 59.7 46.6 69.8
43 23.7 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: 36.896 ng

RT: 3.87 min Scan# 134

Delta R.T. -0.01 min

Lab File: BG045010.D

Acq: 16 Apr 2020 17:31

Instrument :

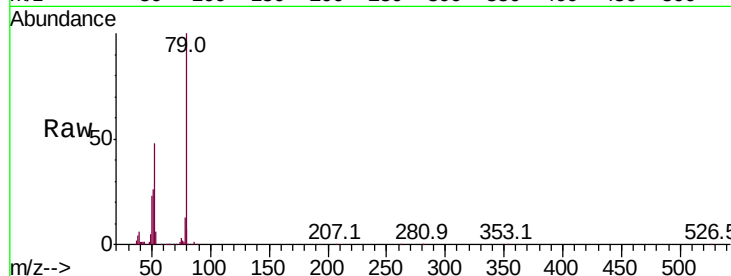
BNA_G

ClientSampleId :

PB128228BS

Tot Ion: 79 Resp: 176673

Ion	Ratio	Lower	Upper
79	100		
52	48.1	39.8	59.6
51	25.9	21.4	32.2

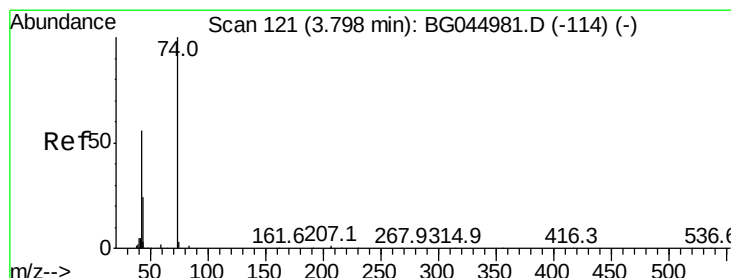
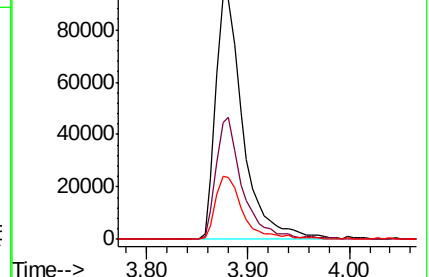
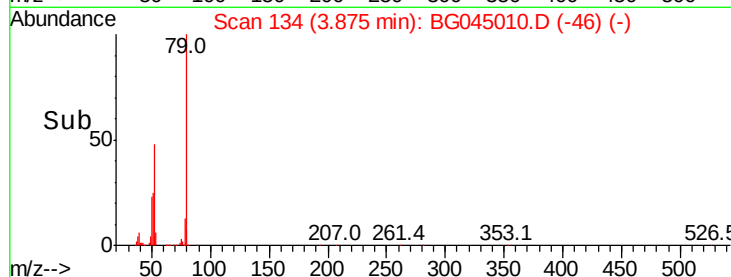


Abundance

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: 47.462 ng

RT: 3.79 min Scan# 119

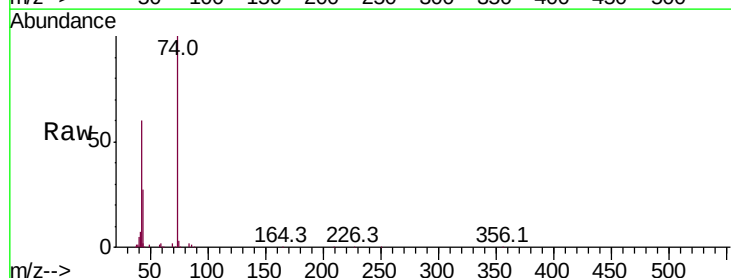
Delta R.T. -0.01 min

Lab File: BG045010.D

Acq: 16 Apr 2020 17:31

Tgt Ion: 42 Resp: 69621

Ion	Ratio	Lower	Upper
42	100		
74	167.5	143.0	214.6
44	3.7	4.6	6.8

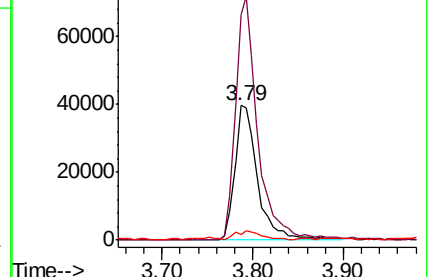
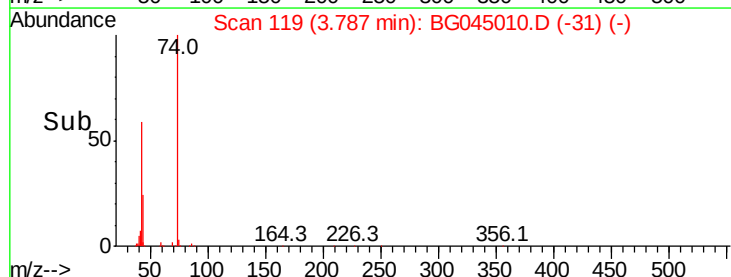


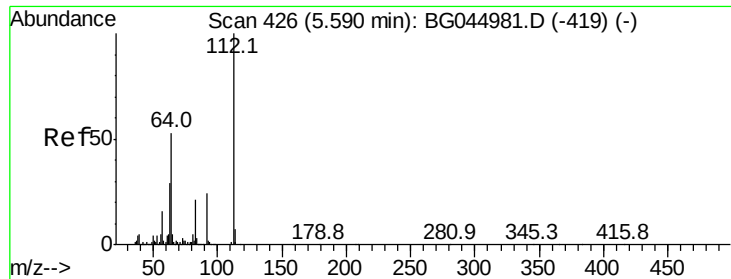
Abundance

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: 155.317 ng

RT: 5.59 min Scan# 426

Delta R.T. 0.00 min

Lab File: BG045010.D

Acq: 16 Apr 2020 17:31

Instrument :

BNA_G

ClientSampleId :

PB128228BS

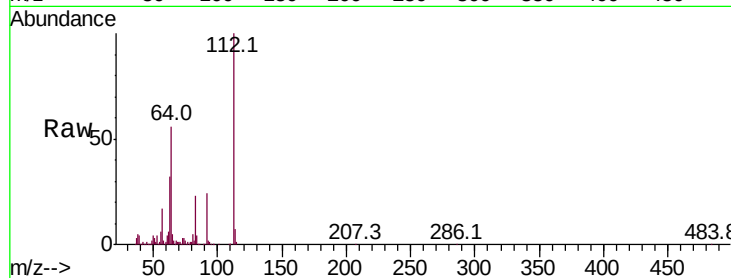
Tot Ion:112 Resp: 543523

Ion Ratio Lower Upper

112 100

64 56.2 42.4 63.6

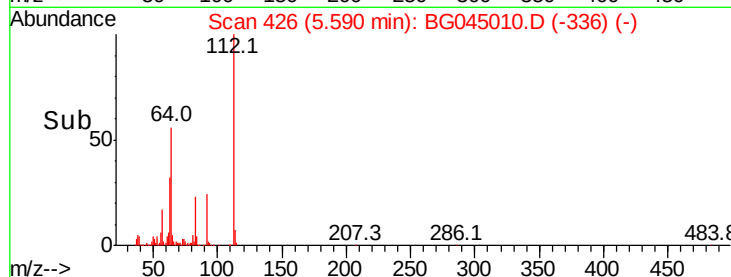
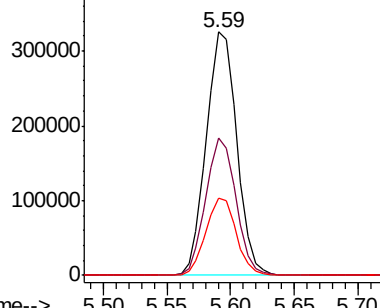
63 31.5 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 38.010 ng

RT: 7.34 min Scan# 724

Delta R.T. -0.01 min

Lab File: BG045010.D

Acq: 16 Apr 2020 17:31

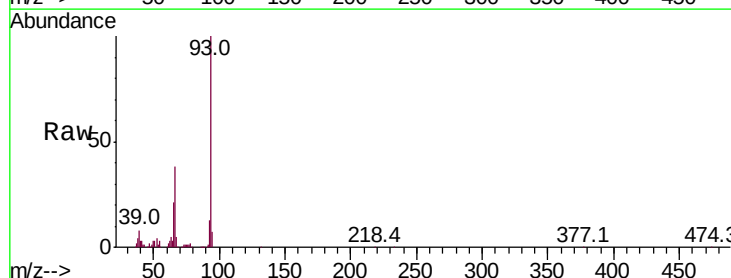
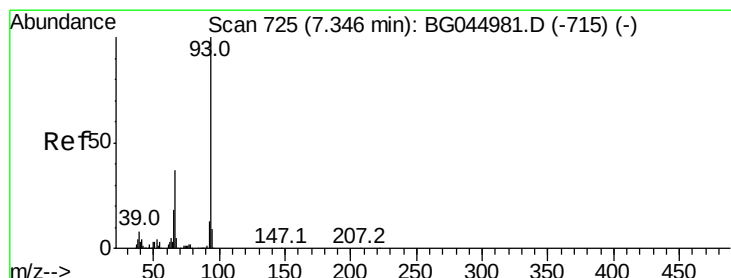
Tgt Ion: 93 Resp: 256952

Ion Ratio Lower Upper

93 100

66 38.3 29.8 44.8

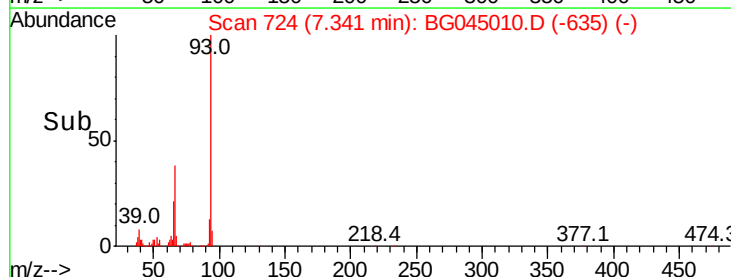
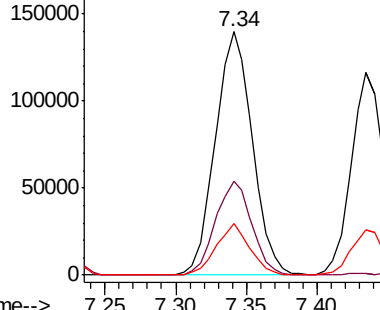
65 21.3 14.6 22.0

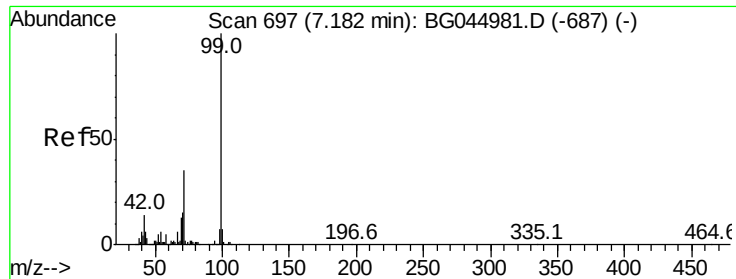


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 153.096 ng

RT: 7.18 min Scan# 697

Delta R.T. 0.00 min

Lab File: BG045010.D

Acq: 16 Apr 2020 17:31

Instrument :

BNA_G

ClientSampleId :

PB128228BS

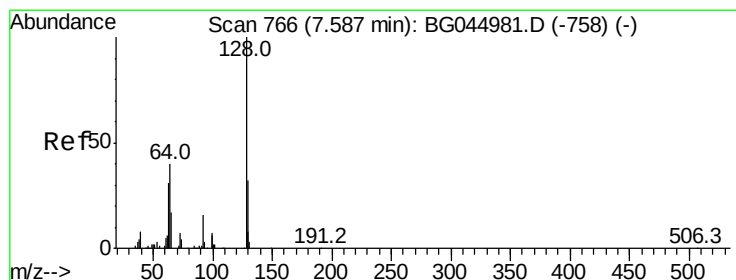
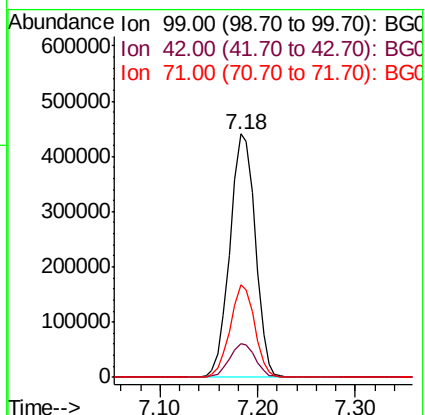
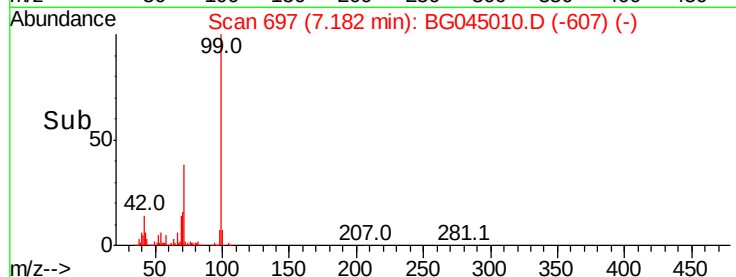
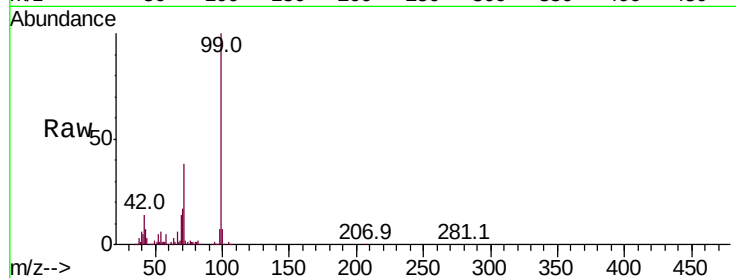
Tot Ion: 99 Resp: 795991

Ion Ratio Lower Upper

99 100

42 13.9 11.3 16.9

71 37.8 28.3 42.5



#8

2-Chlorophenol

Concen: 55.143 ng

RT: 7.59 min Scan# 766

Delta R.T. 0.00 min

Lab File: BG045010.D

Acq: 16 Apr 2020 17:31

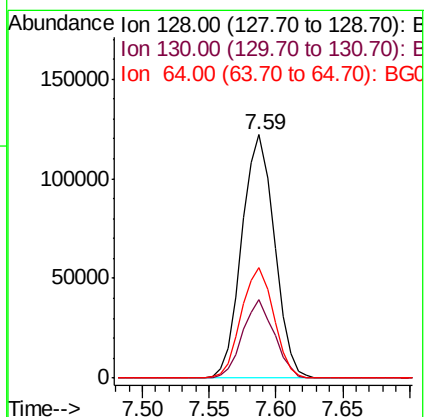
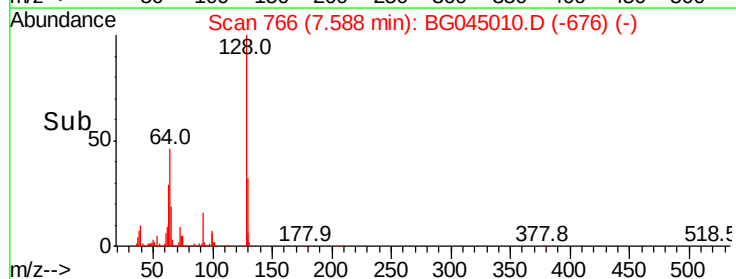
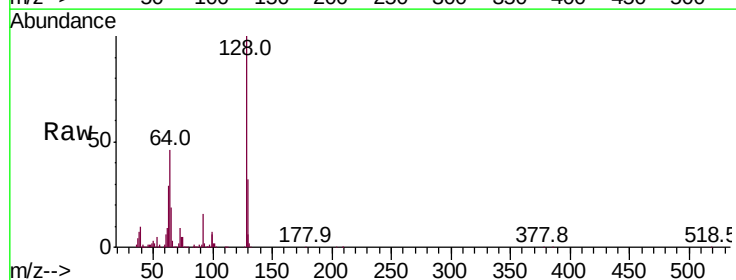
Tgt Ion: 128 Resp: 207392

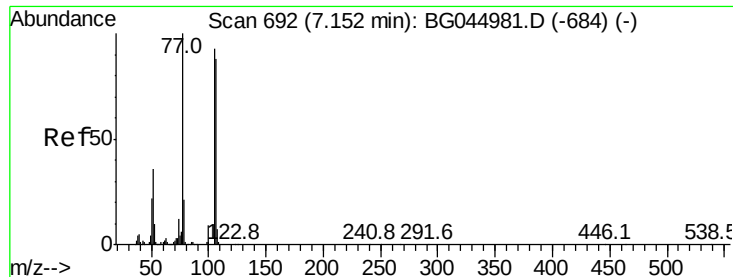
Ion Ratio Lower Upper

128 100

130 32.2 12.3 52.3

64 45.6 24.4 64.4





#9

Benzaldehyde

Concen: 34.155 ng

RT: 7.15 min Scan# 692

Delta R.T. 0.00 min

Lab File: BG045010.D

Acq: 16 Apr 2020 17:31

Instrument :

BNA_G

ClientSampleId :

PB128228BS

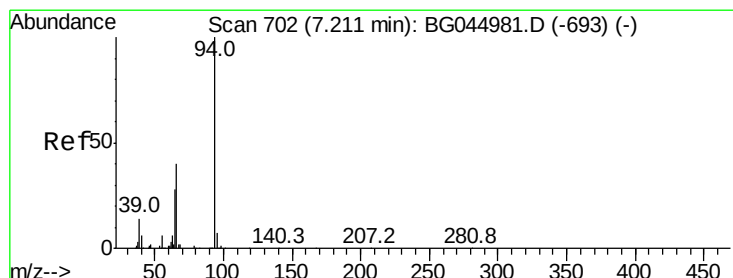
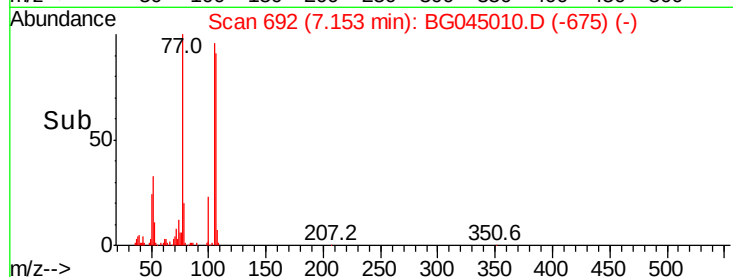
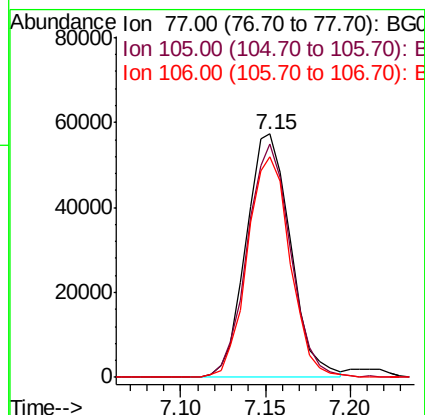
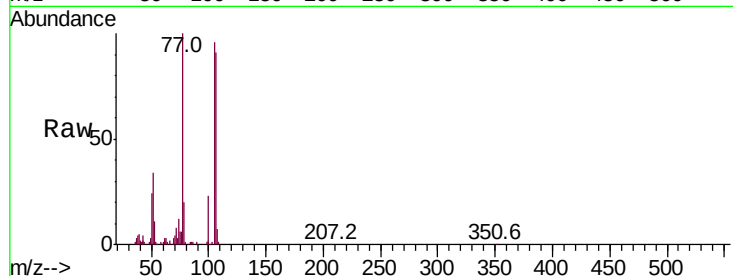
Tot Ion: 77 Resp: 104684

Ion Ratio Lower Upper

77 100

105 95.6 72.9 112.9

106 90.6 67.6 107.6



#10

Phenol

Concen: 54.481 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG045010.D

Acq: 16 Apr 2020 17:31

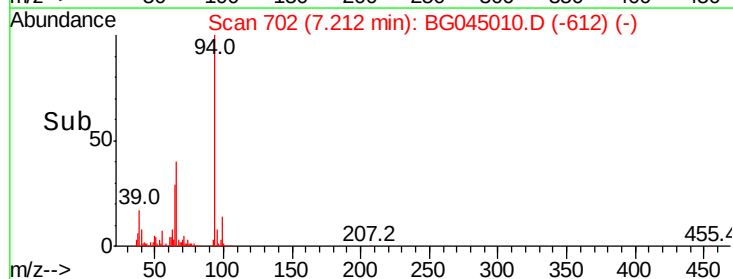
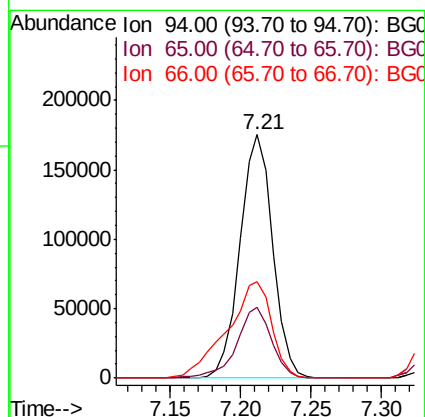
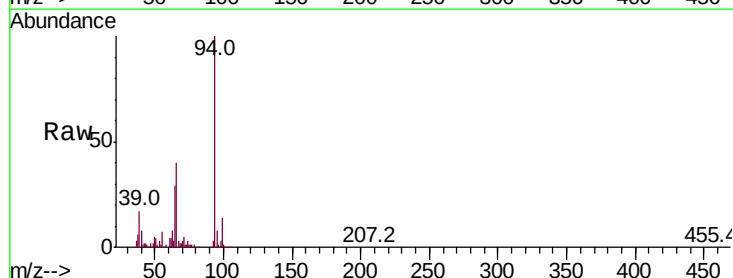
Tgt Ion: 94 Resp: 283459

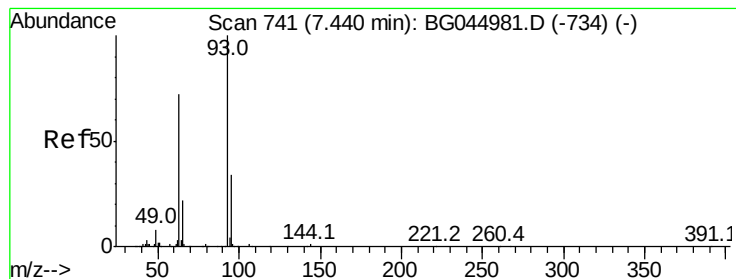
Ion Ratio Lower Upper

94 100

65 28.9 8.2 48.2

66 39.6 20.4 60.4





#11

bis(2-Chloroethyl)ether

Concen: 45.089 ng

RT: 7.43 min Scan# 740

Delta R.T. -0.01 min

Lab File: BG045010.D

Acq: 16 Apr 2020 17:31

Instrument :

BNA_G

ClientSampleId :

PB128228BS

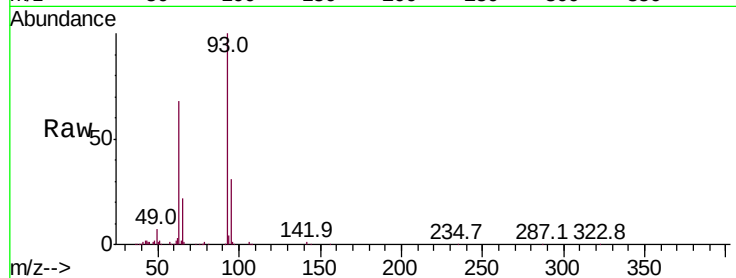
Tot Ion: 93 Resp: 186776

Ion Ratio Lower Upper

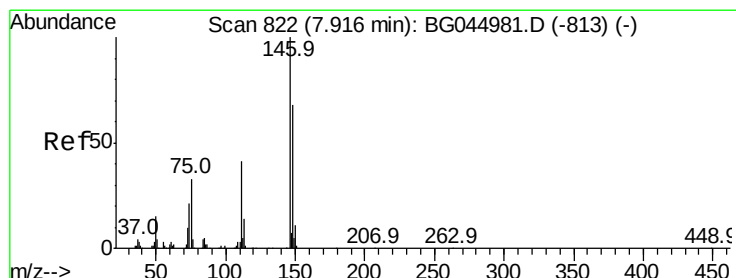
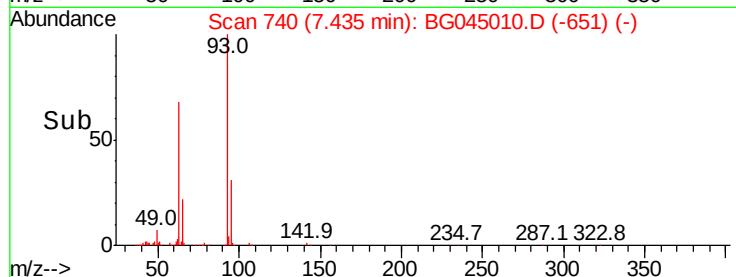
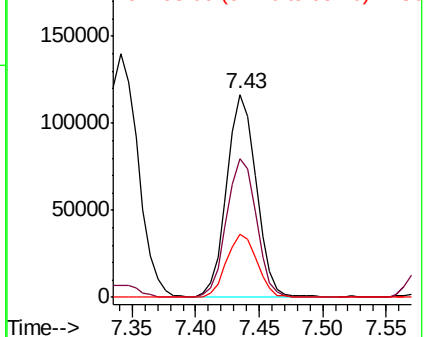
93 100

63 68.3 51.8 91.8

95 31.1 13.8 53.8



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



#12

1,3-Dichlorobenzene

Concen: 46.278 ng

RT: 7.91 min Scan# 821

Delta R.T. -0.01 min

Lab File: BG045010.D

Acq: 16 Apr 2020 17:31

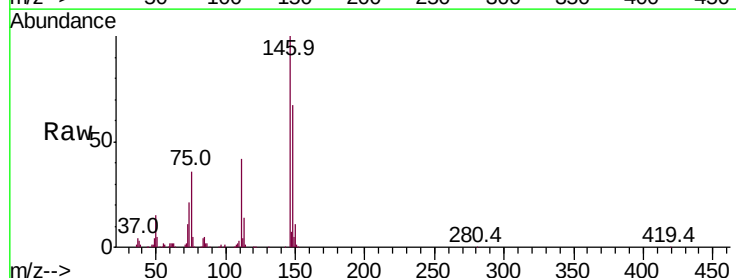
Tgt Ion: 146 Resp: 205094

Ion Ratio Lower Upper

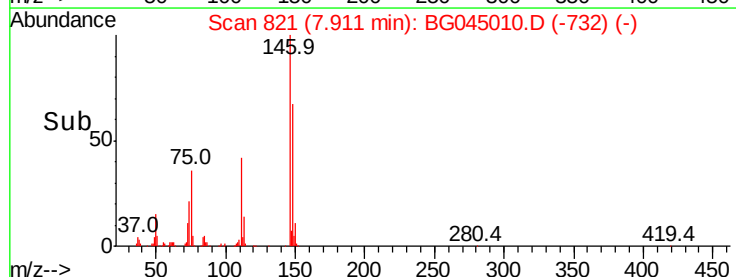
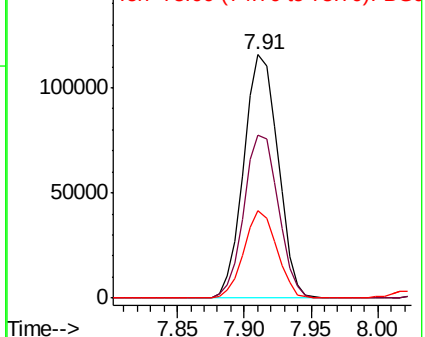
146 100

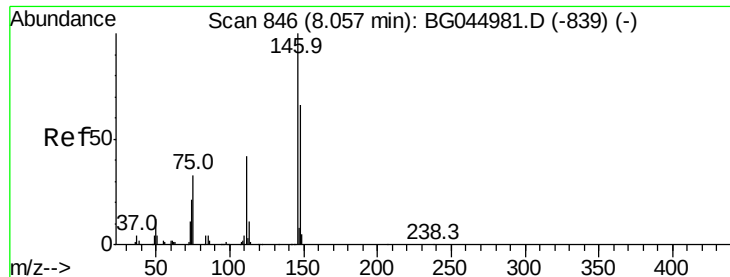
148 66.7 54.6 81.8

75 36.0 26.0 39.0



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

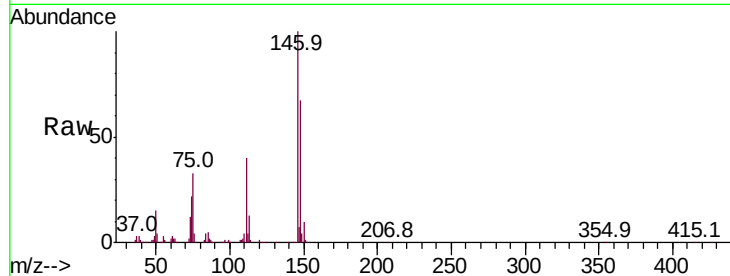




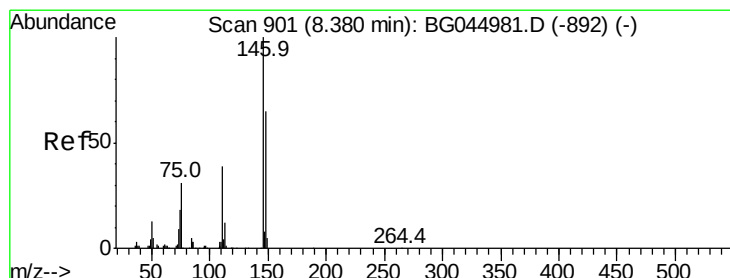
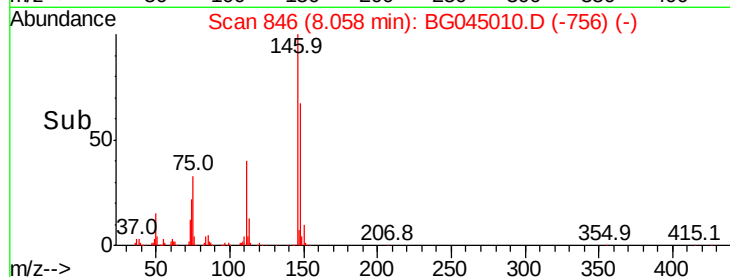
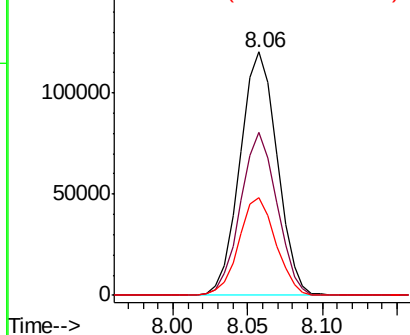
#13
1,4-Dichlorobenzene
Concen: 47.129 ng
RT: 8.06 min Scan# 846
Delta R.T. 0.00 min
Lab File: BG045010.D
Acq: 16 Apr 2020 17:31

Instrument :
BNA_G
ClientSampleId :
PB128228BS

Tot Ion:146 Resp: 208124
Ion Ratio Lower Upper
146 100
148 67.0 53.3 79.9
111 40.1 33.8 50.8

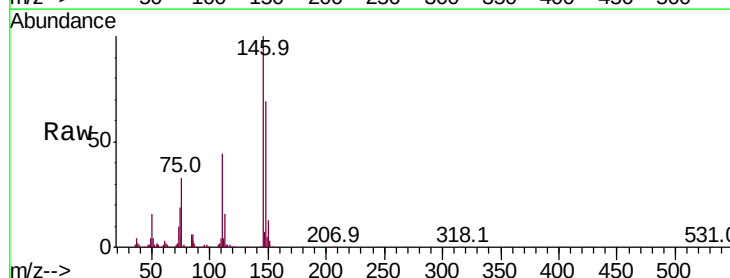


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

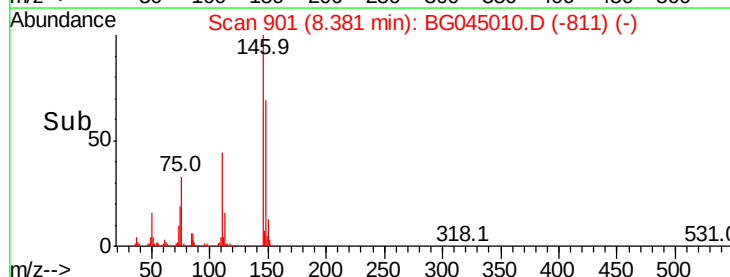
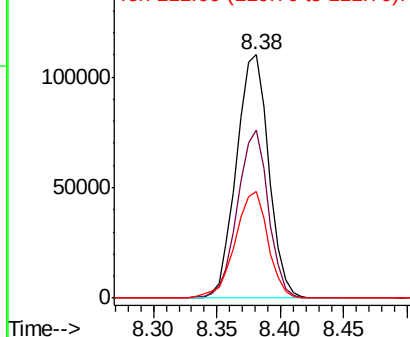


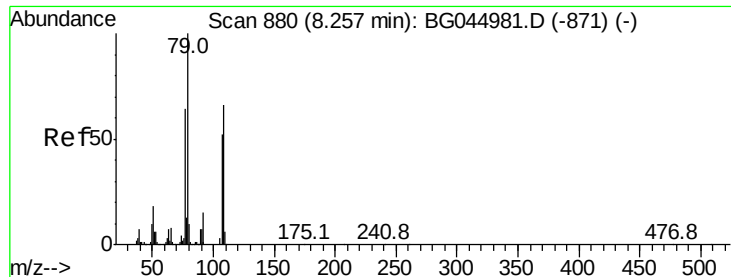
#14
1,2-Dichlorobenzene
Concen: 46.099 ng
RT: 8.38 min Scan# 901
Delta R.T. 0.00 min
Lab File: BG045010.D
Acq: 16 Apr 2020 17:31

Tgt Ion:146 Resp: 194756
Ion Ratio Lower Upper
146 100
148 69.3 51.9 77.9
111 43.9 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: 49.989 ng

RT: 8.26 min Scan# 880

Delta R.T. 0.00 min

Lab File: BG045010.D

Acq: 16 Apr 2020 17:31

Instrument :

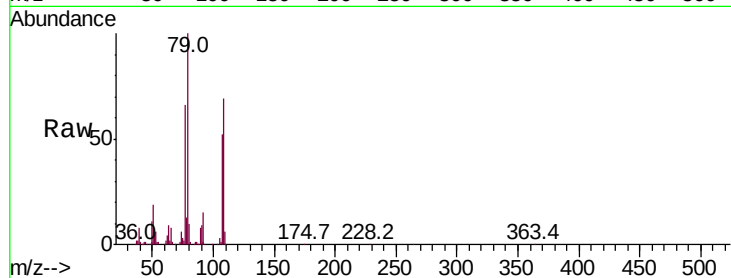
BNA_G

ClientSampleId :

PB128228BS

Tot Ion: 79 Resp: 217910

Ion	Ratio	Lower	Upper
79	100		
108	69.1	52.7	79.1
77	66.0	51.3	76.9

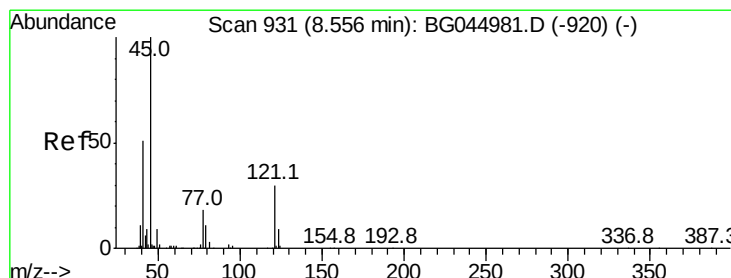
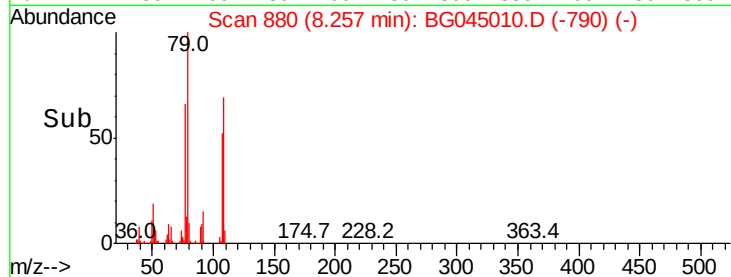


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Time-->



#16

2,2'-oxybis(1-chloropropane)

Concen: 43.366 ng

RT: 8.55 min Scan# 930

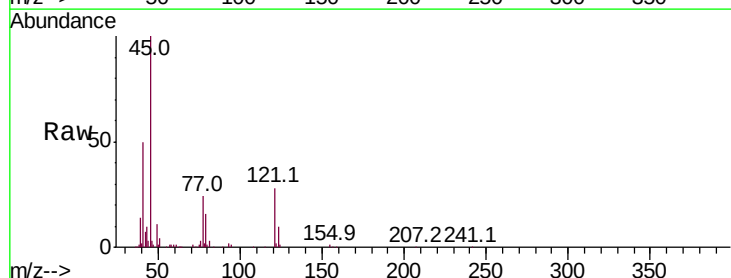
Delta R.T. -0.01 min

Lab File: BG045010.D

Acq: 16 Apr 2020 17:31

Tgt Ion: 45 Resp: 176338

Ion	Ratio	Lower	Upper
45	100		
77	23.6	1.9	41.9
79	16.0	0.0	35.5

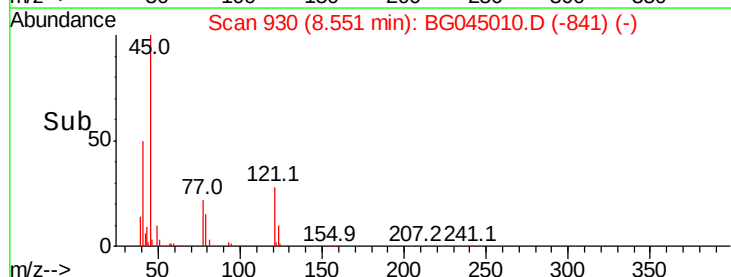


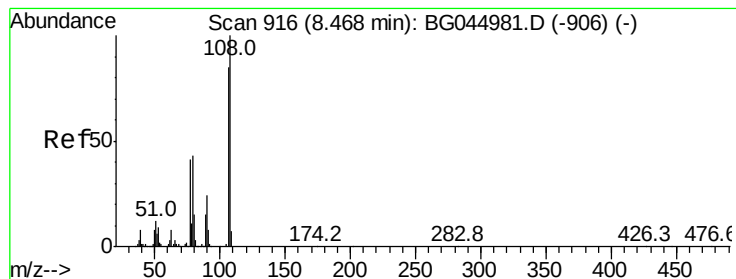
Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

Time-->

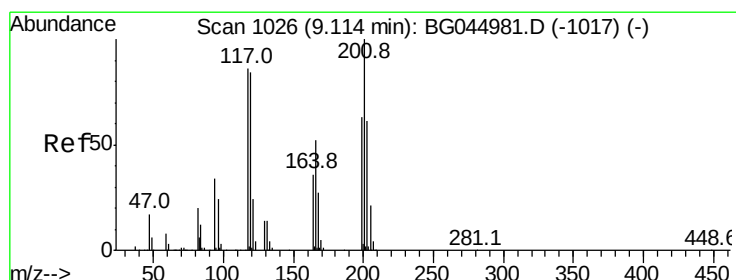
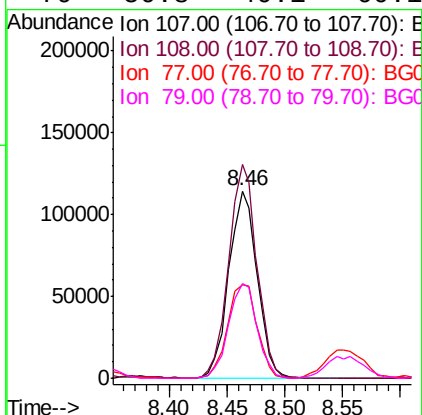
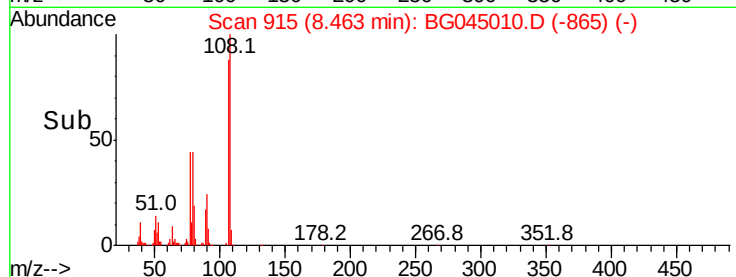
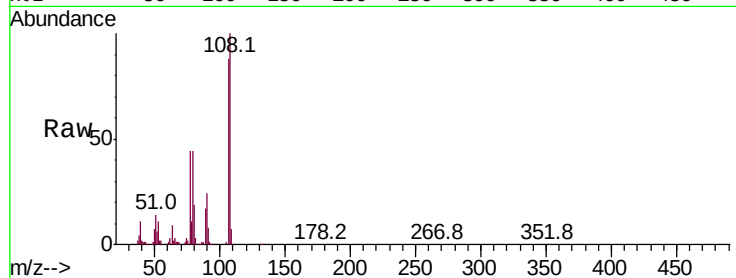




#17
2-Methylphenol
Concen: 48.611 ng
RT: 8.46 min Scan# 915
Delta R.T. -0.01 min
Lab File: BG045010.D
Acq: 16 Apr 2020 17:31

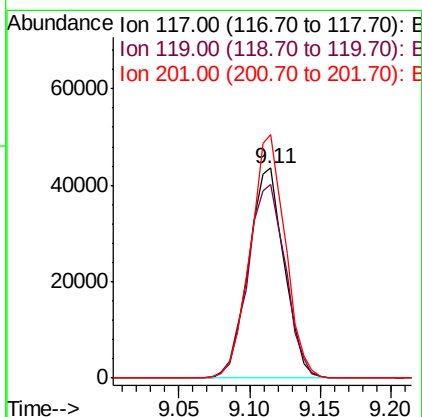
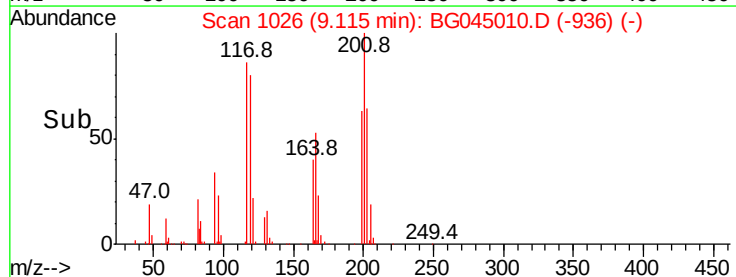
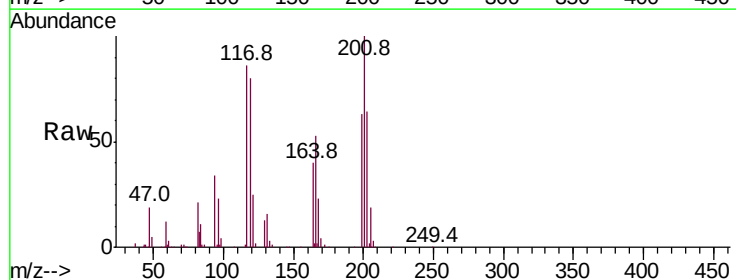
Instrument :
BNA_G
ClientSampleId :
PB128228BS

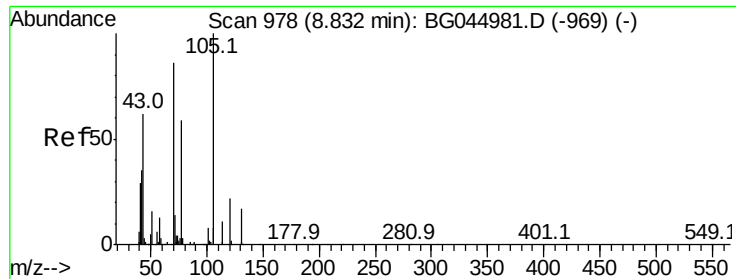
Tot Ion:	107	Resp:	195135
Ion	Ratio	Lower	Upper
107	100		
108	114.2	93.8	140.6
77	49.8	38.5	57.7
79	50.8	40.1	60.1



#18
Hexachloroethane
Concen: 46.552 ng
RT: 9.11 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BG045010.D
Acq: 16 Apr 2020 17:31

Tgt Ion:	117	Resp:	77281
Ion	Ratio	Lower	Upper
117	100		
119	92.4	78.3	117.5
201	116.1	92.9	139.3

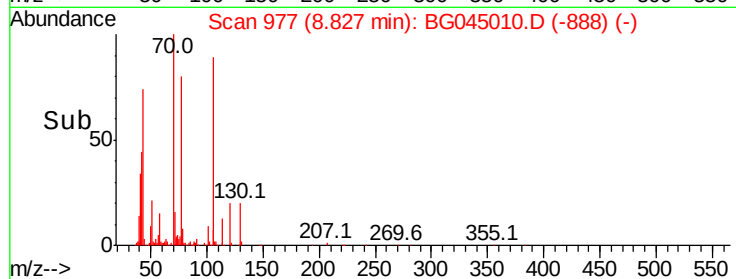
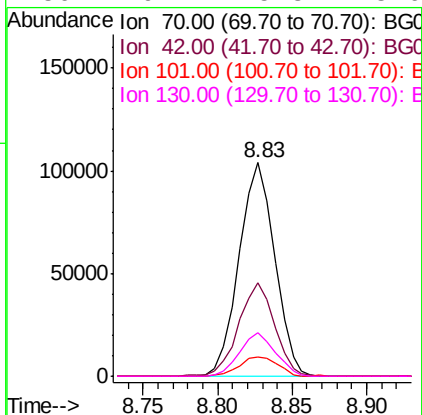
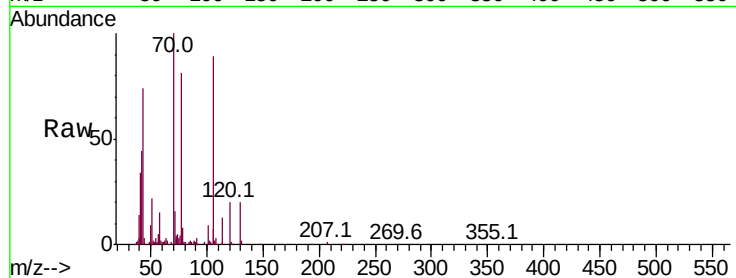




#19
n-Nitroso-di-n-propylamine
Concen: 46.899 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.01 min
Lab File: BG045010.D
Acq: 16 Apr 2020 17:31

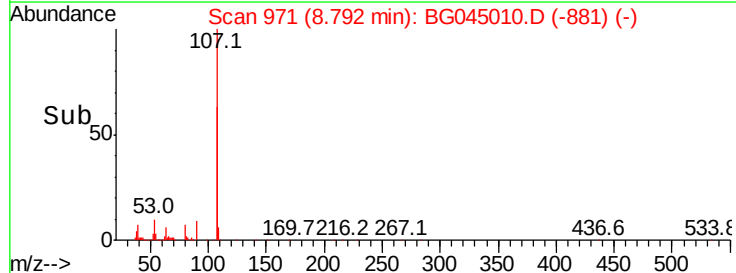
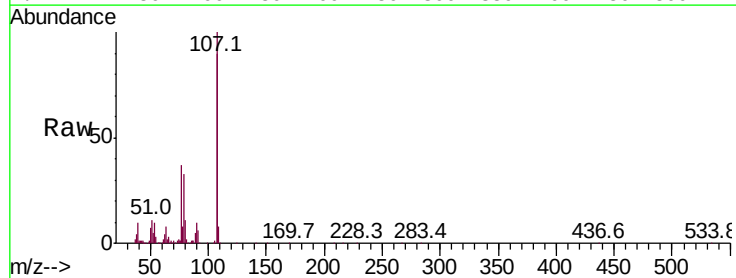
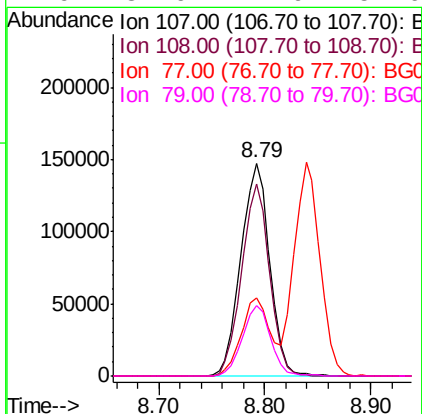
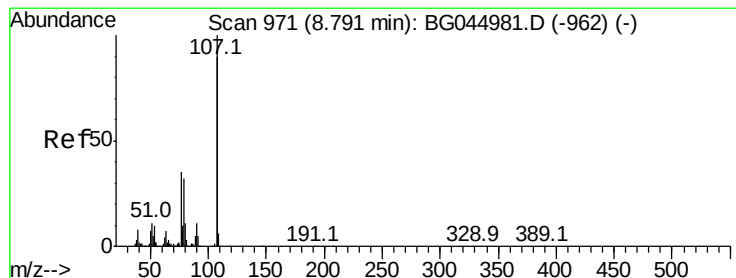
Instrument :
BNA_G
ClientSampleId :
PB128228BS

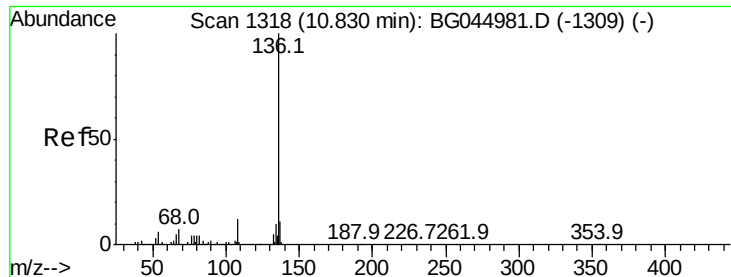
Tot Ion:	70	Resp:	172446
Ion	Ratio	Lower	Upper
70	100		
42	43.5	33.3	49.9
101	8.7	7.8	11.8
130	20.2	15.8	23.6



#20
3+4-Methylphenols
Concen: 49.552 ng
RT: 8.79 min Scan# 971
Delta R.T. 0.00 min
Lab File: BG045010.D
Acq: 16 Apr 2020 17:31

Tgt Ion:	107	Resp:	278424
Ion	Ratio	Lower	Upper
107	100		
108	90.1	69.9	109.9
77	36.9	15.2	55.2
79	32.9	11.6	51.6

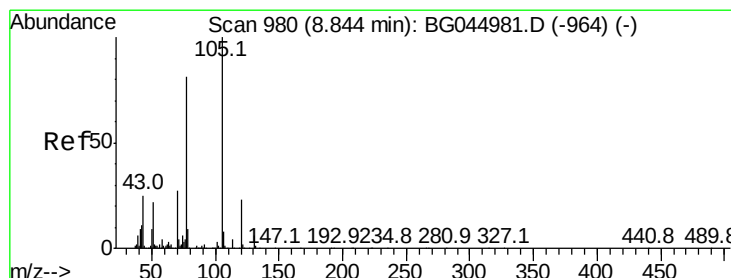
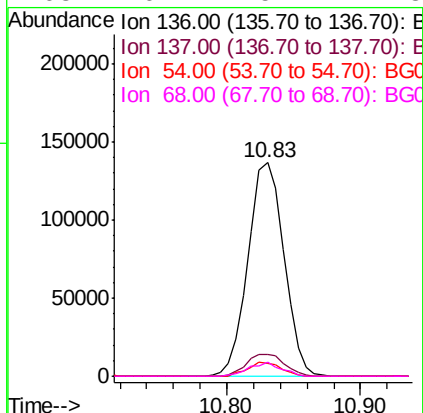
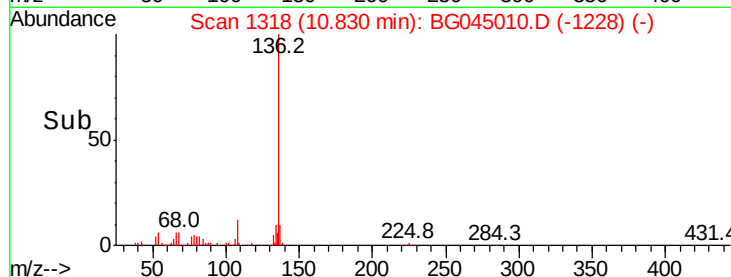
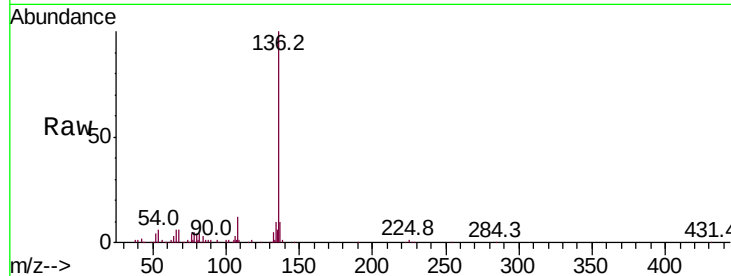




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BG045010.D
Acq: 16 Apr 2020 17:31

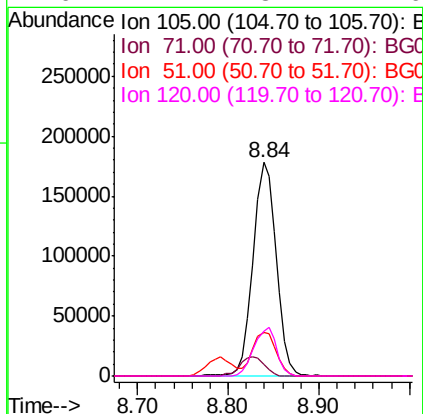
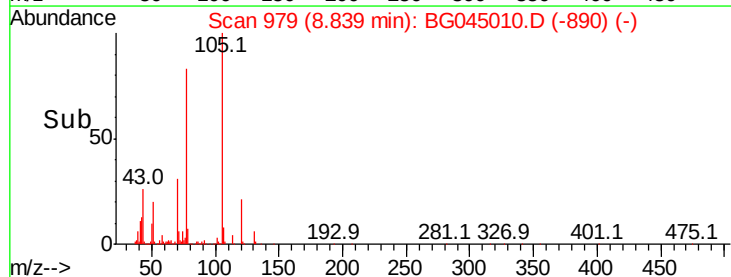
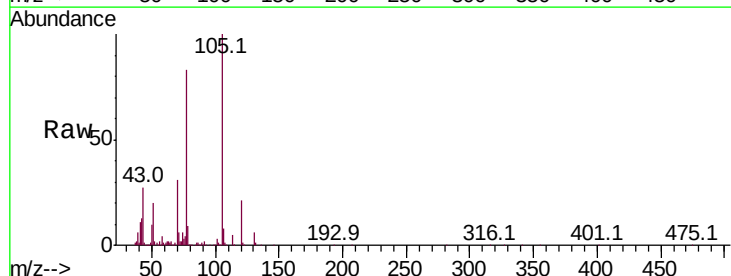
Instrument :
BNA_G
ClientSampleId :
PB128228BS

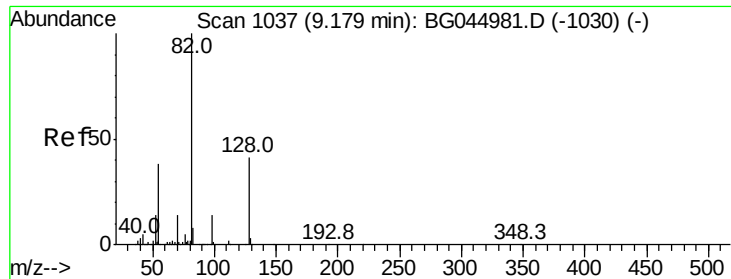
Tot Ion:136	Resp:	254749
Ion Ratio	Lower	Upper
136 100		
137 10.0	8.6	13.0
54 6.0	4.8	7.2
68 6.4	5.2	7.8



#22
Acetophenone
Concen: 46.065 ng
RT: 8.84 min Scan# 979
Delta R.T. -0.01 min
Lab File: BG045010.D
Acq: 16 Apr 2020 17:31

Tgt	Ion:105	Resp:	317344
Ion	Ratio	Lower	Upper
105	100		
71	5.6	3.3	4.9#
51	20.5	17.3	25.9
120	21.2	18.4	27.6

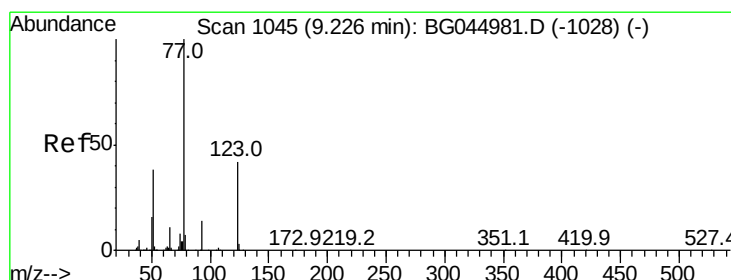
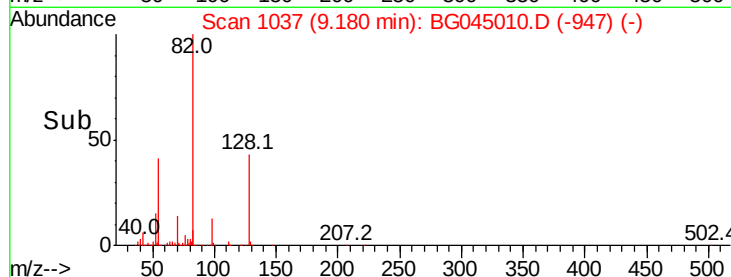
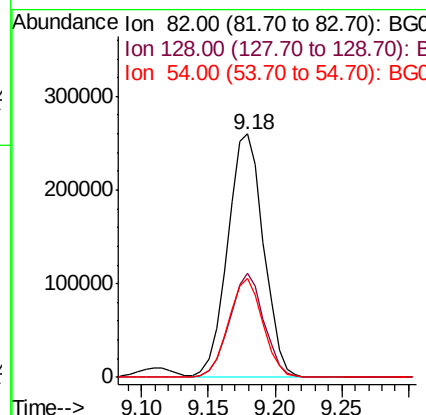
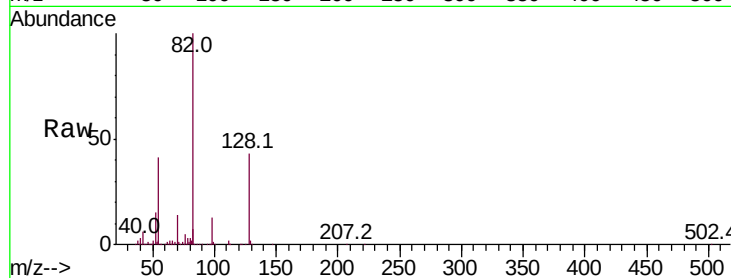




#23
 Nitrobenzene-d5
 Concen: 87.385 ng
 RT: 9.18 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: BG045010.D
 Acq: 16 Apr 2020 17:31

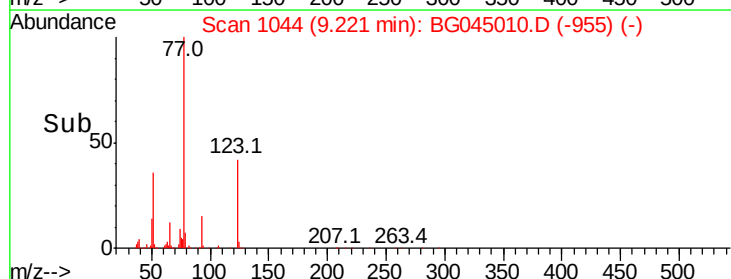
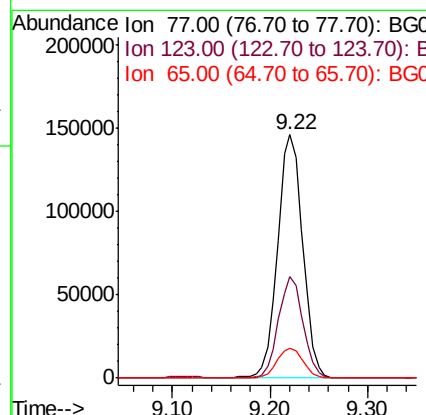
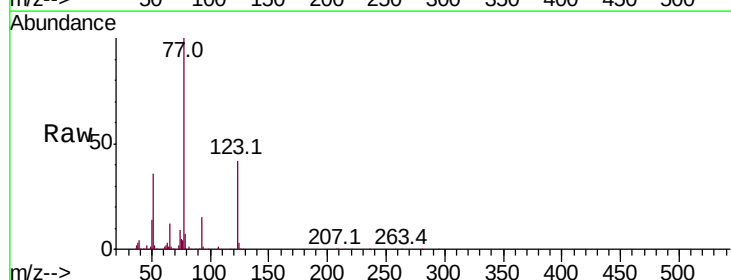
Instrument :
 BNA_G
 ClientSampleId :
 PB128228BS

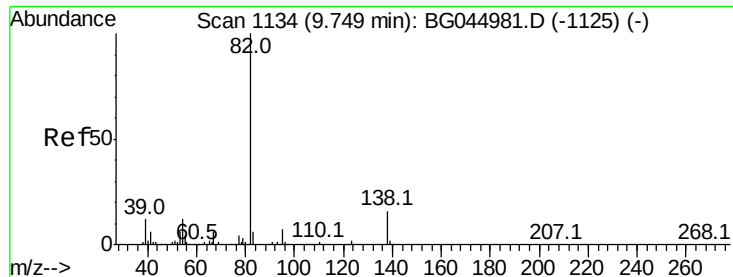
Tot Ion	82	Resp	487877
Ion Ratio	Lower	Upper	
82	100		
128	42.8	33.0	49.4
54	40.6	30.4	45.6



#24
 Nitrobenzene
 Concen: 45.483 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. -0.01 min
 Lab File: BG045010.D
 Acq: 16 Apr 2020 17:31

Tgt Ion	77	Resp	260291
Ion Ratio	Lower	Upper	
77	100		
123	41.6	34.3	51.5
65	12.3	8.9	13.3





#25

Isophorone

Concen: 43.317 ng

RT: 9.75 min Scan# 1134

Delta R.T. 0.00 min

Lab File: BG045010.D

Acq: 16 Apr 2020 17:31

Instrument :

BNA_G

ClientSampleId :

PB128228BS

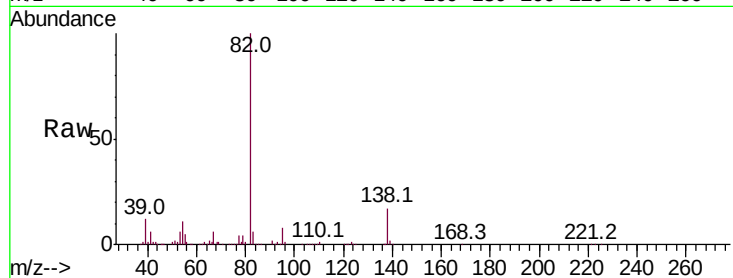
Tot Ion: 82 Resp: 495259

Ion Ratio Lower Upper

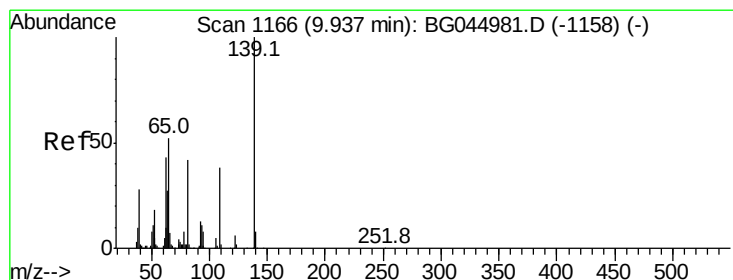
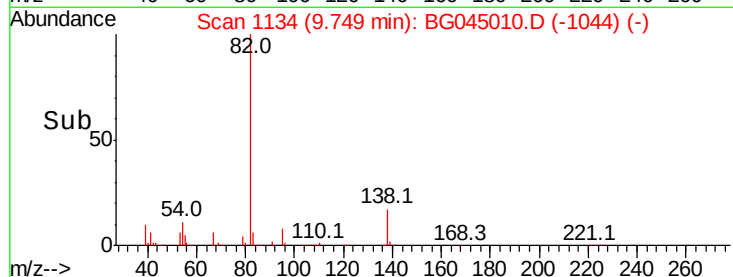
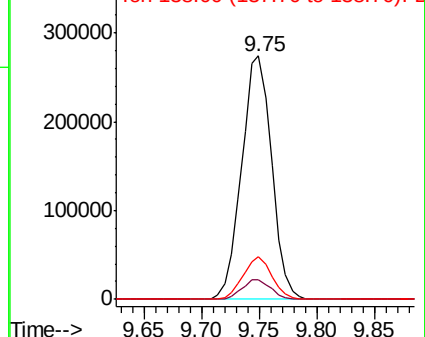
82 100

95 7.8 6.0 9.0

138 17.3 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: 49.145 ng

RT: 9.94 min Scan# 1166

Delta R.T. 0.00 min

Lab File: BG045010.D

Acq: 16 Apr 2020 17:31

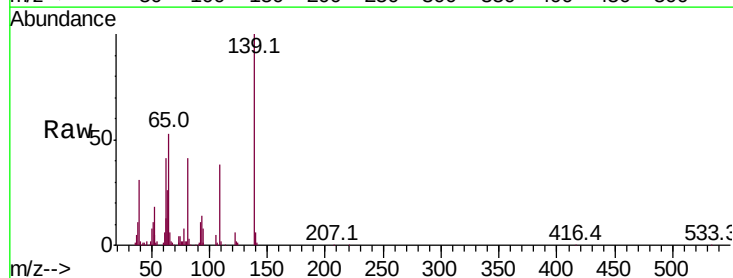
Tgt Ion: 139 Resp: 121147

Ion Ratio Lower Upper

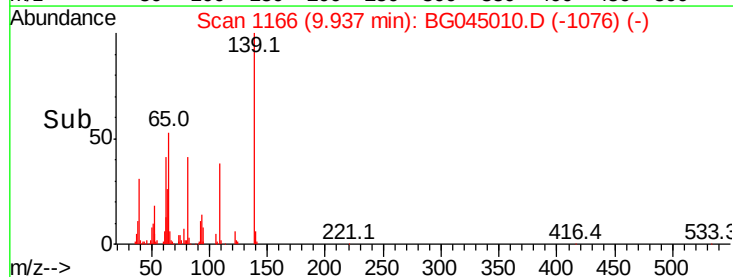
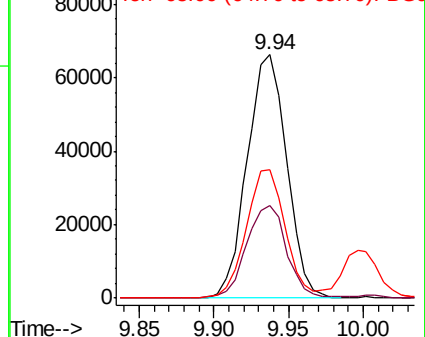
139 100

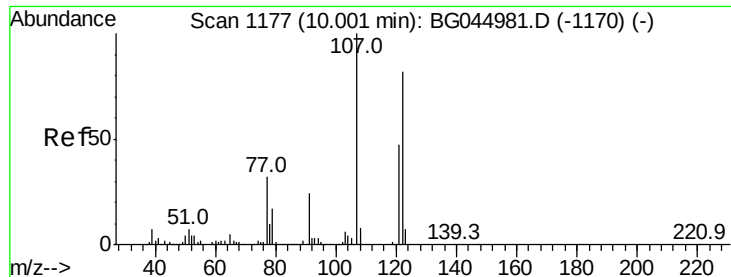
109 38.2 30.6 45.8

65 52.7 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

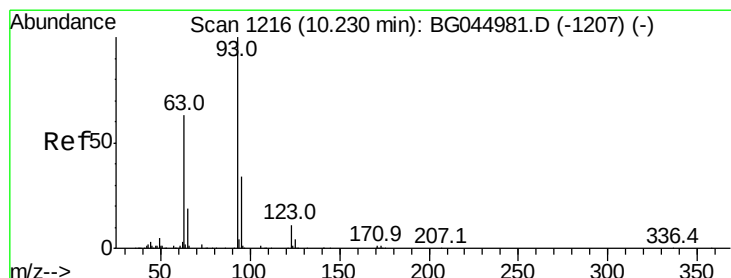
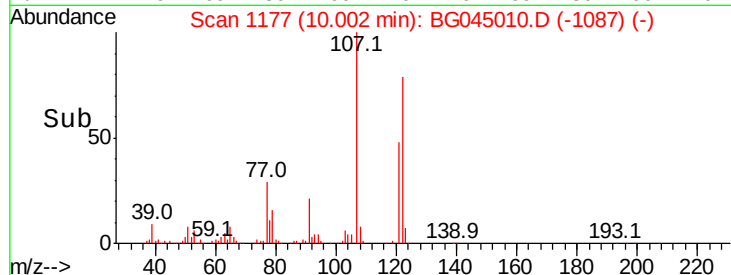
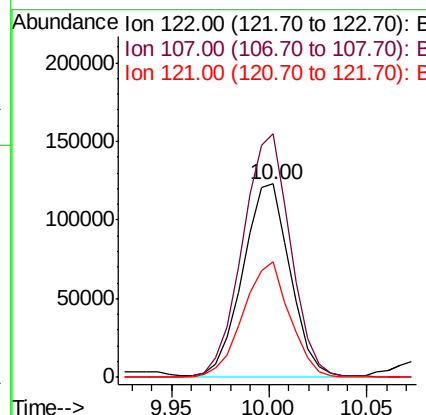
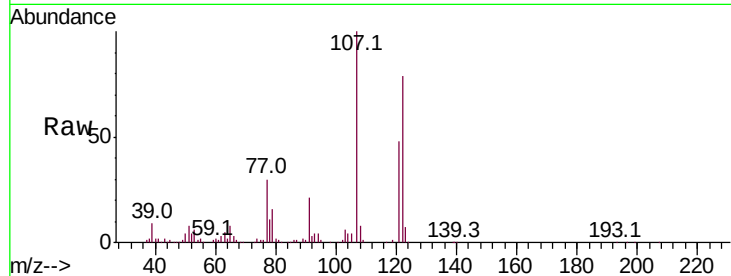




#27
 2,4-Dimethylphenol
 Concen: 52.752 ng
 RT: 10.00 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: BG045010.D
 Acq: 16 Apr 2020 17:31

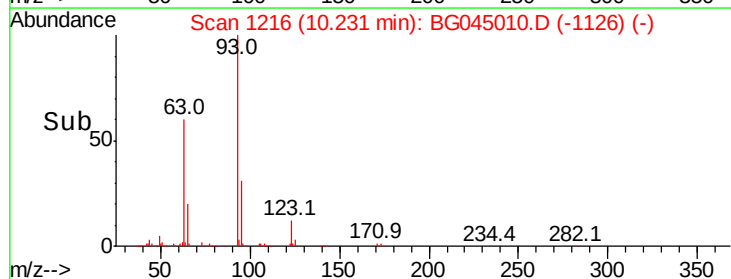
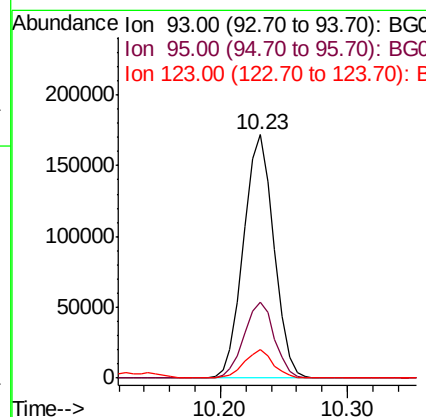
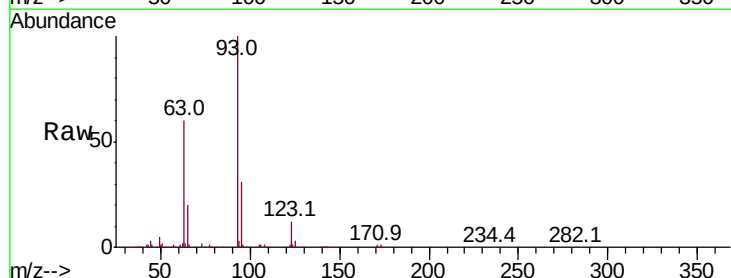
Instrument :
 BNA_G
 ClientSampleId :
 PB128228BS

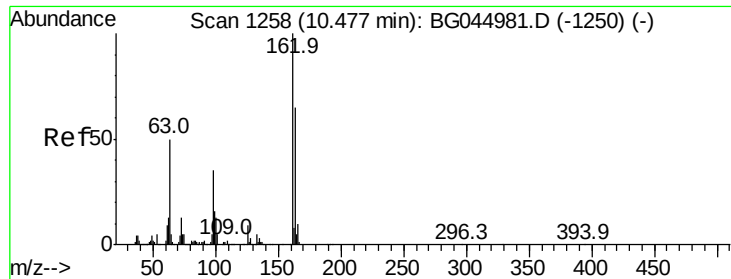
Tot Ion	Ratio	Lower	Upper
122	100		
107	125.9	96.8	145.2
121	60.1	45.6	68.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 47.524 ng
 RT: 10.23 min Scan# 1216
 Delta R.T. 0.00 min
 Lab File: BG045010.D
 Acq: 16 Apr 2020 17:31

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.3	27.0	40.4
123	11.6	8.7	13.1

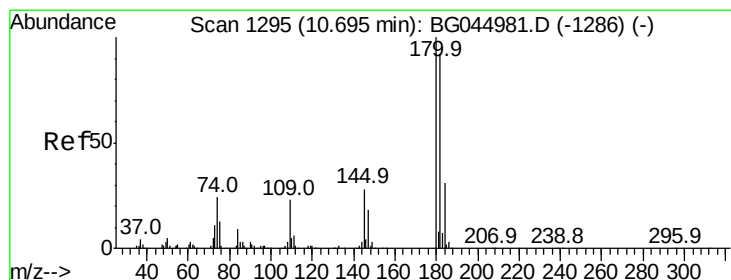
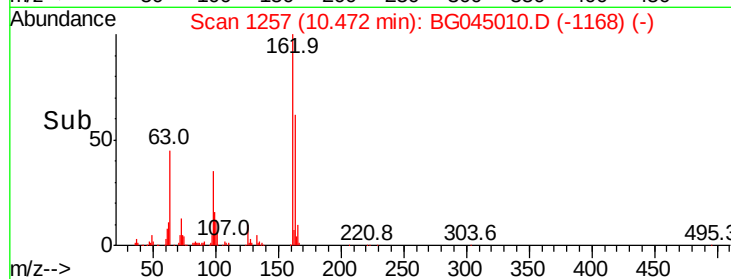
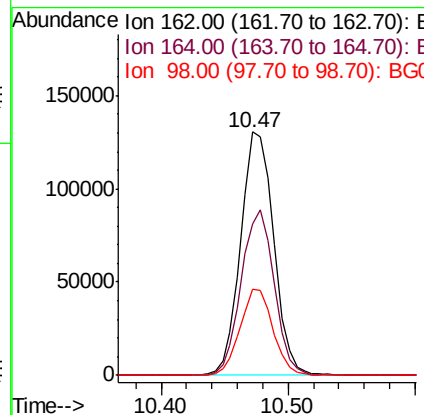
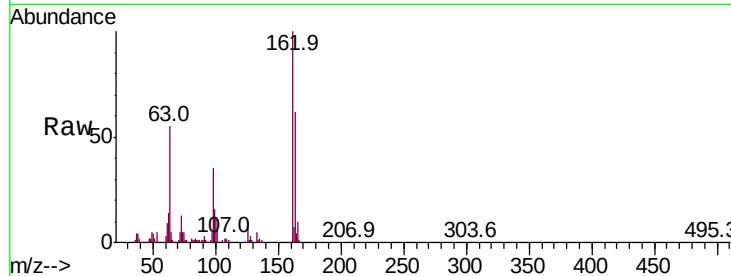




#29
 2,4-Dichlorophenol
 Concen: 52.400 ng
 RT: 10.47 min Scan# 1257
 Delta R.T. -0.01 min
 Lab File: BG045010.D
 Acq: 16 Apr 2020 17:31

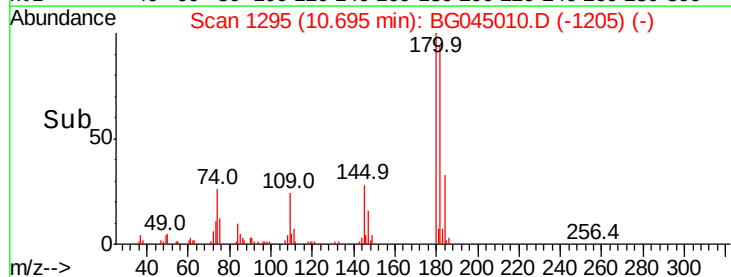
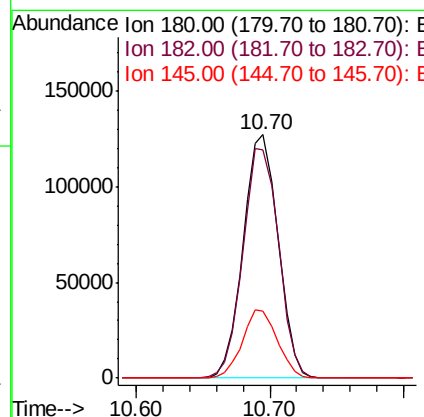
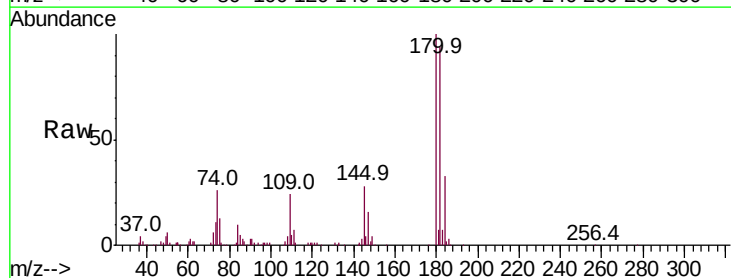
Instrument :
 BNA_G
 ClientSampleId :
 PB128228BS

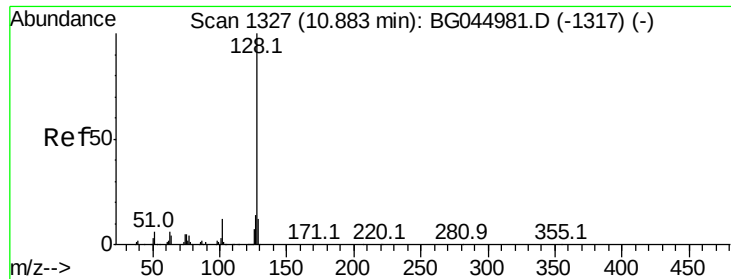
Tot Ion:	162	Resp:	236661
Ion	Ratio	Lower	Upper
162	100		
164	62.3	45.0	85.0
98	35.2	15.2	55.2



#30
 1,2,4-Trichlorobenzene
 Concen: 44.944 ng
 RT: 10.70 min Scan# 1295
 Delta R.T. 0.00 min
 Lab File: BG045010.D
 Acq: 16 Apr 2020 17:31

Tgt Ion:	180	Resp:	229827
Ion	Ratio	Lower	Upper
180	100		
182	93.7	73.3	109.9
145	27.6	22.6	33.8

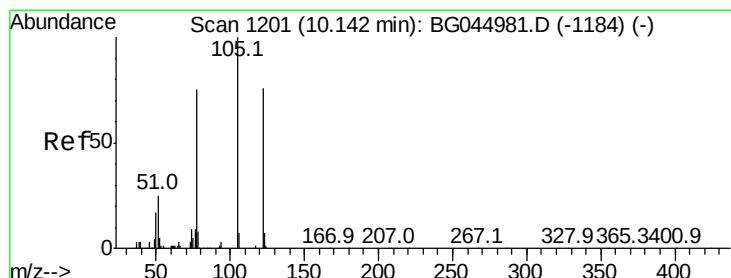
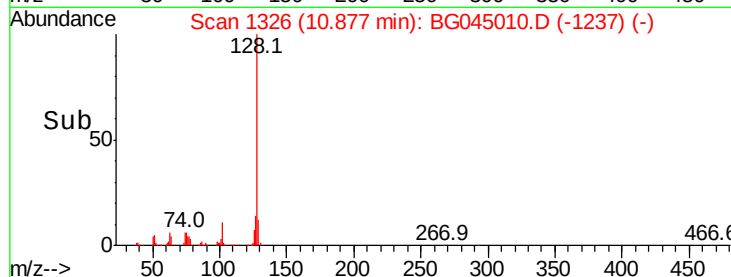
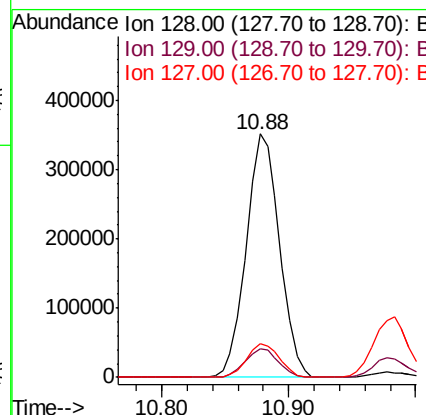
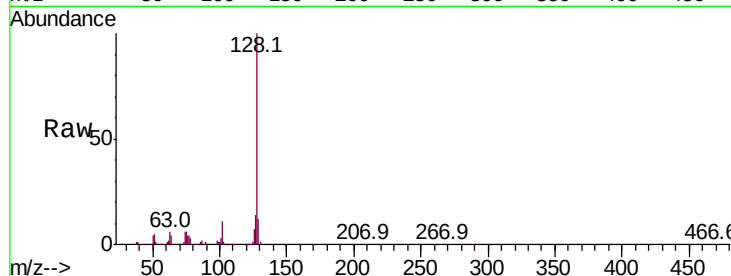




#31
Naphthalene
Concen: 45.941 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BG045010.D
Acq: 16 Apr 2020 17:31

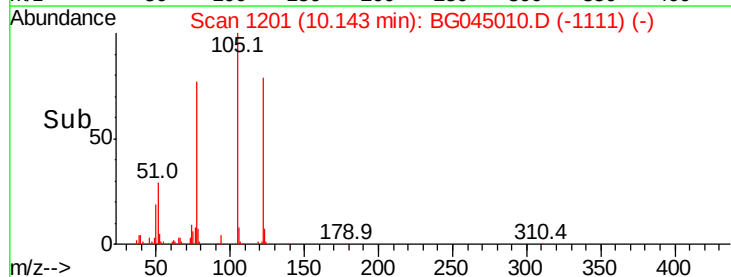
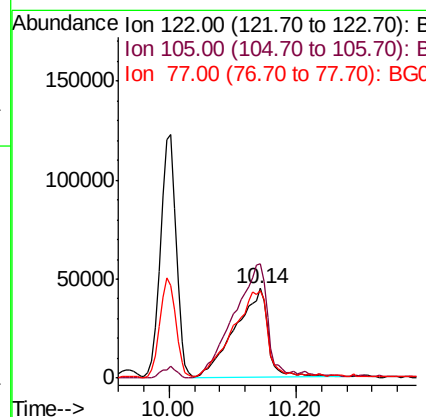
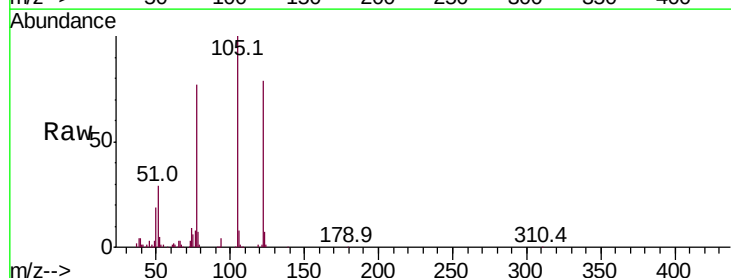
Instrument :
BNA_G
ClientSampleId :
PB128228BS

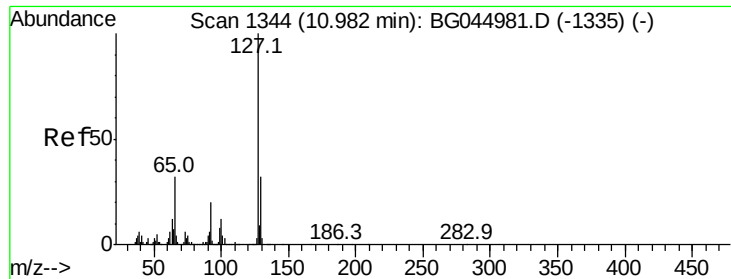
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.4	14.2
127	13.9	10.8	16.2



#32
Benzoic acid
Concen: 50.576 ng
RT: 10.14 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BG045010.D
Acq: 16 Apr 2020 17:31

Tgt Ion	Ratio	Lower	Upper
122	100		
105	127.4	108.4	148.4
77	98.0	78.8	118.8

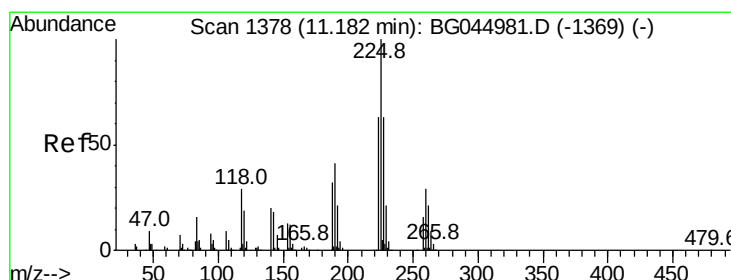
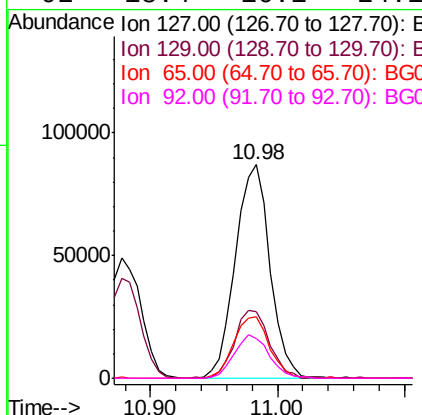
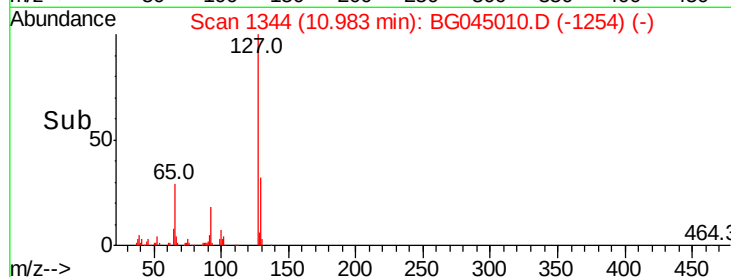
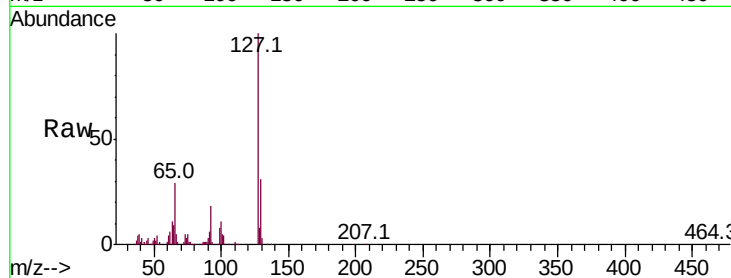




#33
4-Chloroaniline
Concen: 25.359 ng
RT: 10.98 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BG045010.D
Acq: 16 Apr 2020 17:31

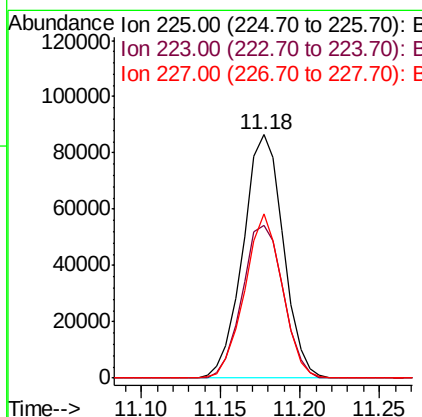
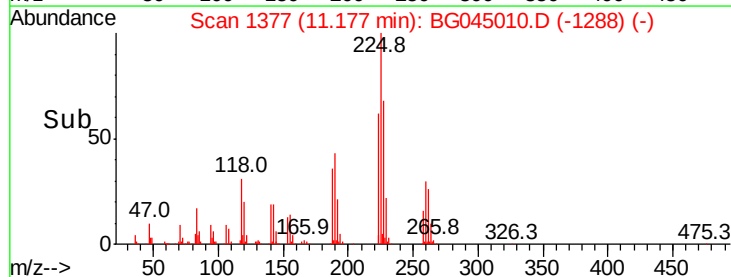
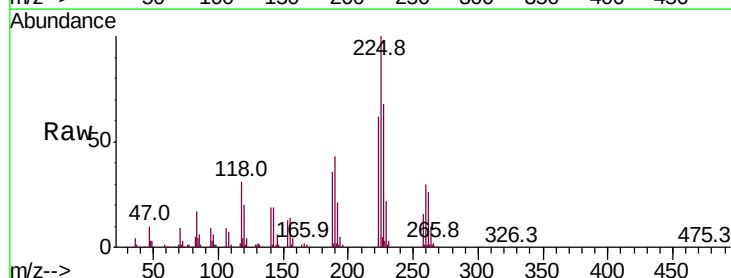
Instrument :
BNA_G
ClientSampleId :
PB128228BS

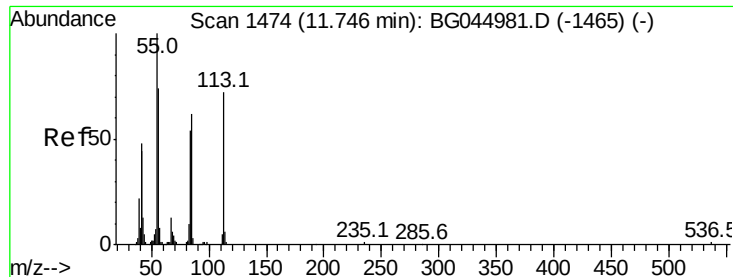
Tot Ion:127	Resp:	164816
Ion Ratio	Lower	Upper
127	100	
129	31.3	25.7 38.5
65	28.8	25.4 38.2
92	18.4	16.1 24.1



#34
Hexachlorobutadiene
Concen: 43.402 ng
RT: 11.18 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BG045010.D
Acq: 16 Apr 2020 17:31

Tgt Ion:225	Resp:	152165
Ion Ratio	Lower	Upper
225	100	
223	62.5	50.7 76.1
227	67.6	50.2 75.2





#35

Caprolactam

Concen: 27.950 ng

RT: 11.75 min Scan# 1474

Delta R.T. 0.00 min

Lab File: BG045010.D

Acq: 16 Apr 2020 17:31

Instrument :

BNA_G

ClientSampleId :

PB128228BS

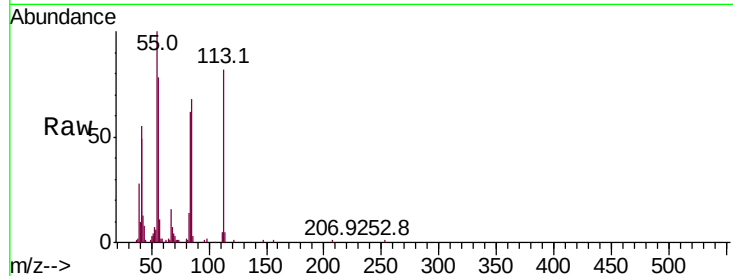
Tot Ion:113 Resp: 50241

Ion Ratio Lower Upper

113 100

55 122.1 118.8 158.8

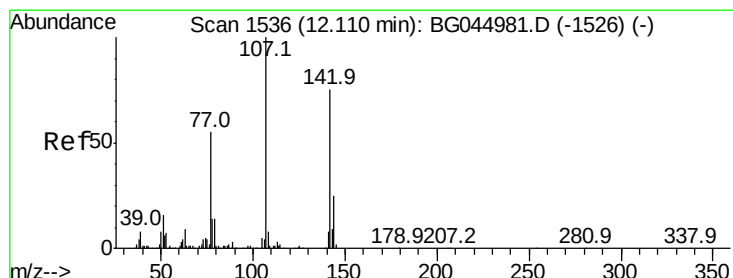
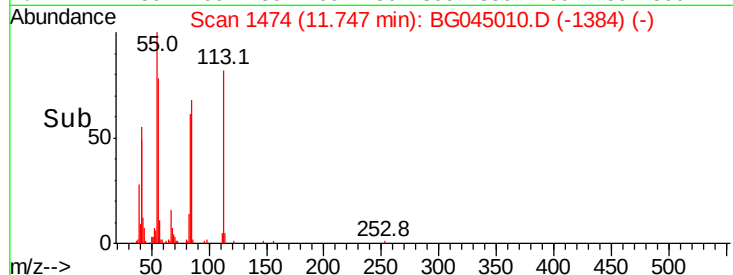
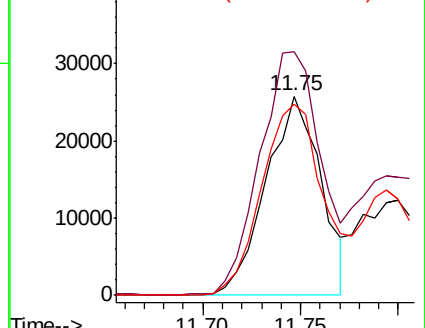
56 95.7 82.6 122.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 53.676 ng

RT: 12.11 min Scan# 1535

Delta R.T. -0.01 min

Lab File: BG045010.D

Acq: 16 Apr 2020 17:31

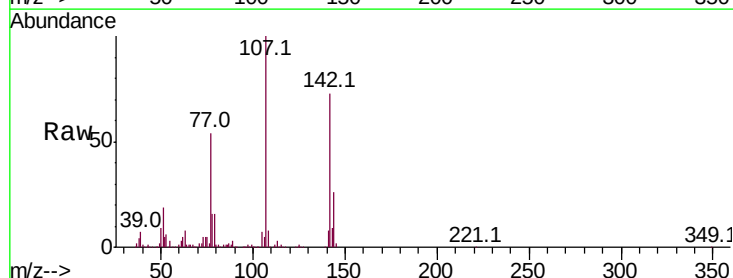
Tgt Ion:107 Resp: 284786

Ion Ratio Lower Upper

107 100

144 26.1 19.8 29.6

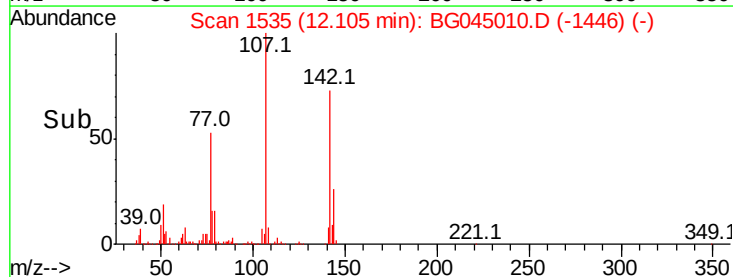
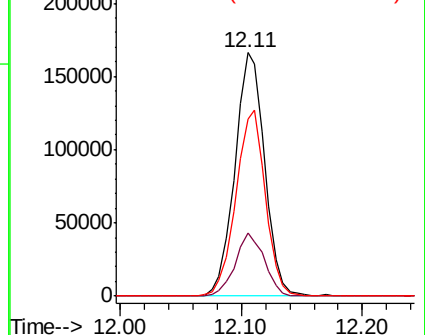
142 72.9 59.7 89.5

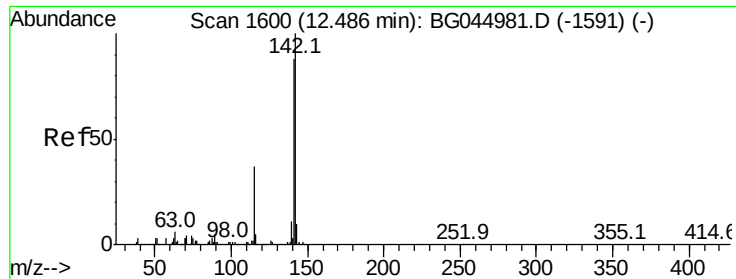


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

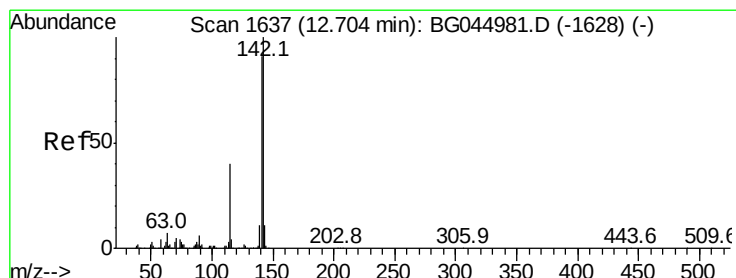
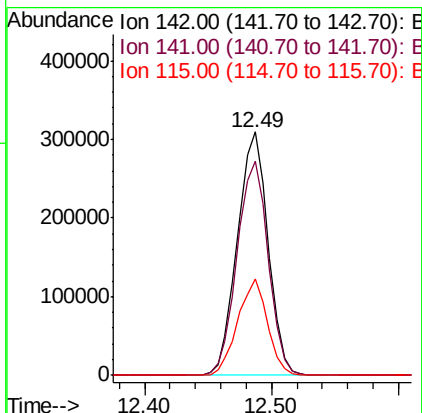
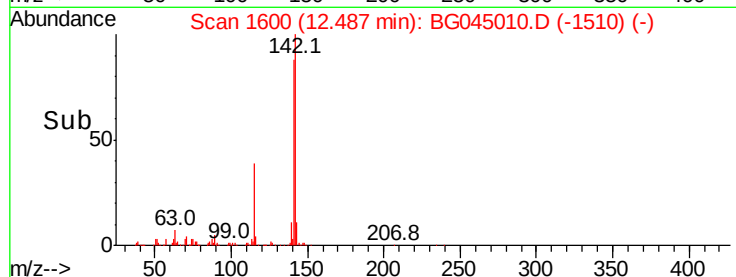
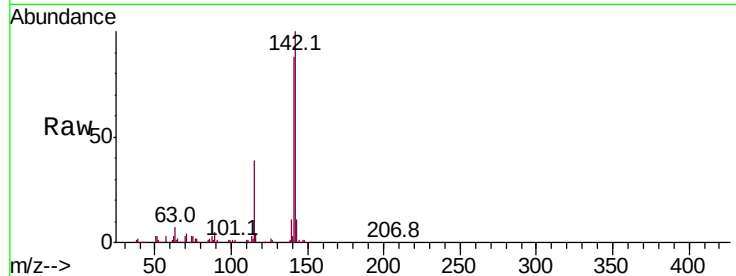




#37
2-Methylnaphthalene
Concen: 47.991 ng
RT: 12.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: BG045010.D
Acq: 16 Apr 2020 17:31

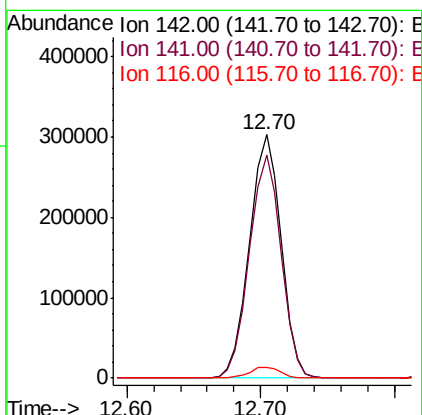
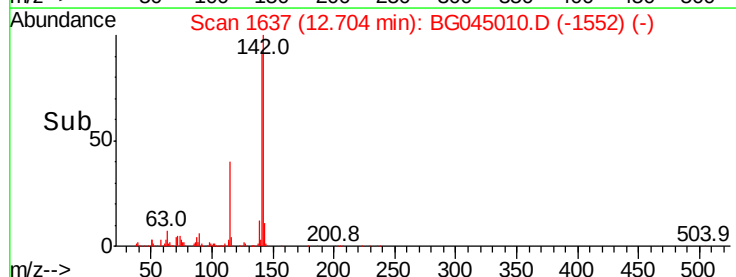
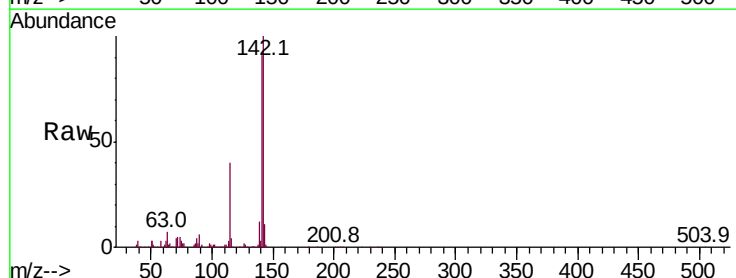
Instrument :
BNA_G
ClientSampleId :
PB128228BS

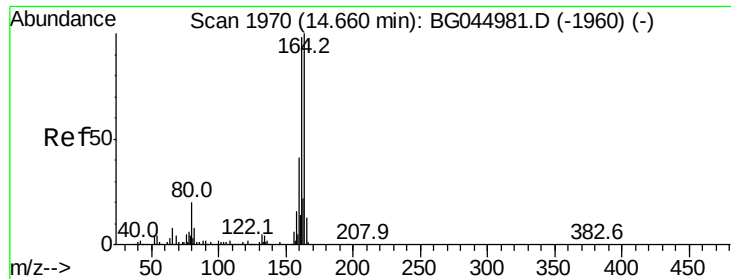
Tot Ion	Ratio	Lower	Upper
142	100		
141	87.9	70.3	105.5
115	39.4	29.8	44.6



#38
1-Methylnaphthalene
Concen: 48.240 ng
RT: 12.70 min Scan# 1637
Delta R.T. 0.00 min
Lab File: BG045010.D
Acq: 16 Apr 2020 17:31

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.4	72.7	109.1
116	4.4	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1969

Delta R.T. -0.01 min

Lab File: BG045010.D

Acq: 16 Apr 2020 17:31

Instrument :

BNA_G

ClientSampleId :

PB128228BS

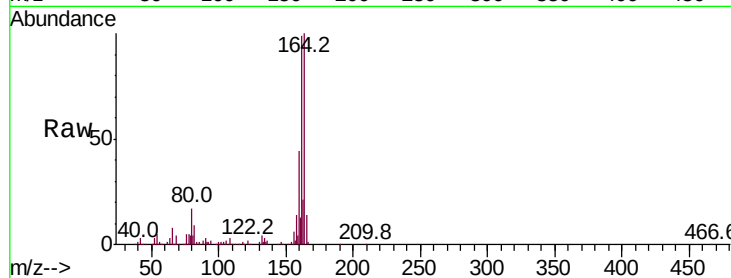
Tot Ion:164 Resp: 204316

Ion Ratio Lower Upper

164 100

162 98.7 78.7 118.1

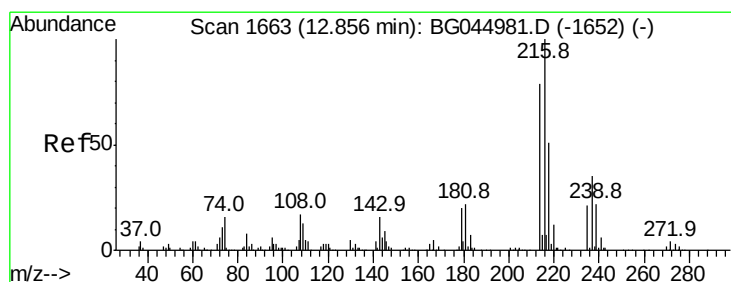
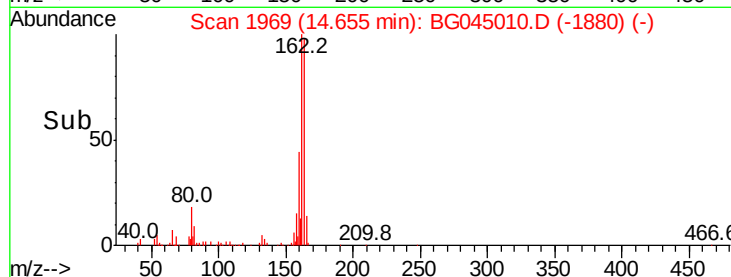
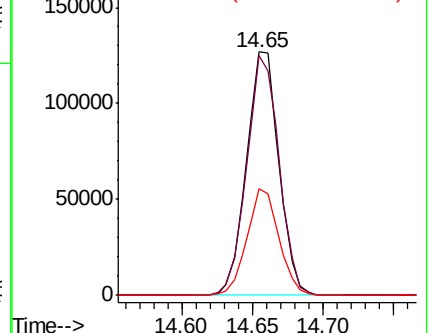
160 43.8 32.8 49.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.383 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BG045010.D

Acq: 16 Apr 2020 17:31

Tgt Ion:216 Resp: 278815

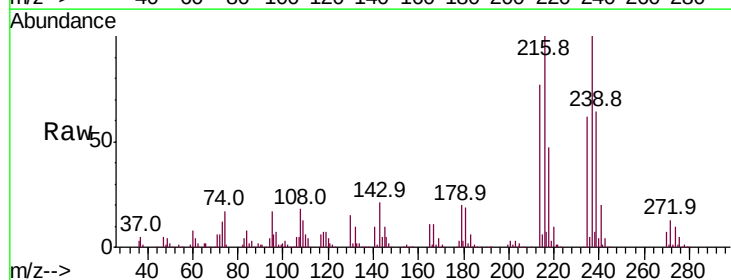
Ion Ratio Lower Upper

216 100

214 79.3 63.0 94.6

179 19.7 15.8 23.8

108 20.2 14.2 21.2

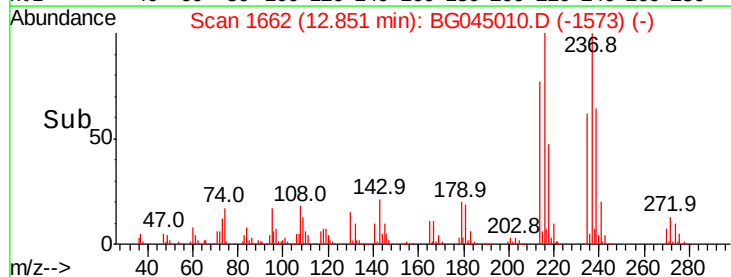
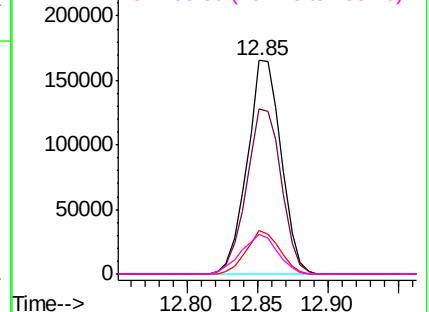


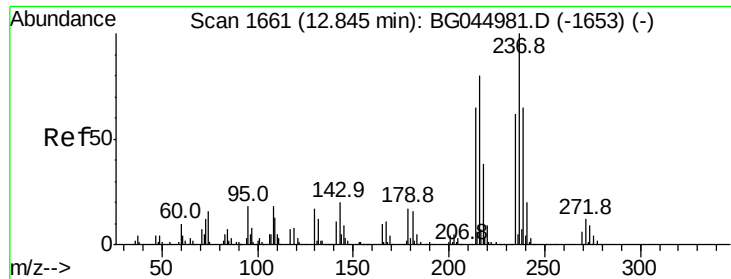
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

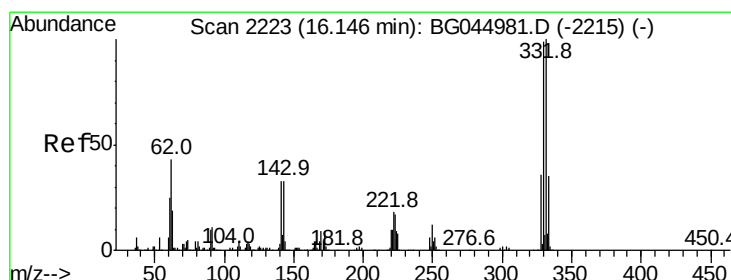
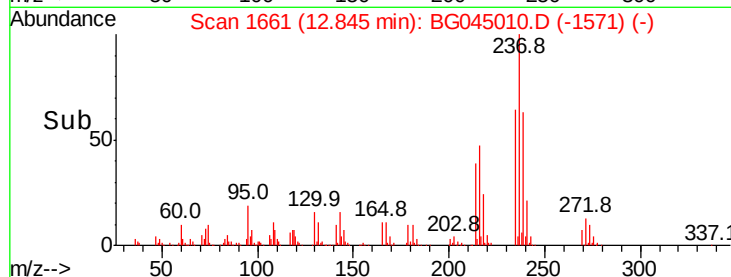
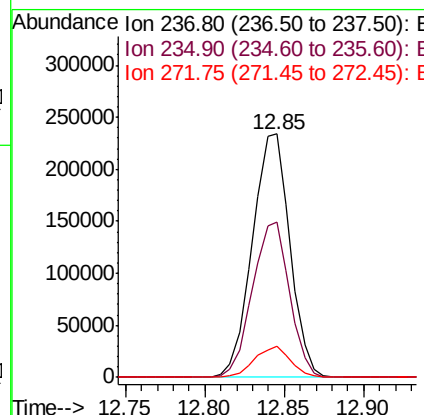
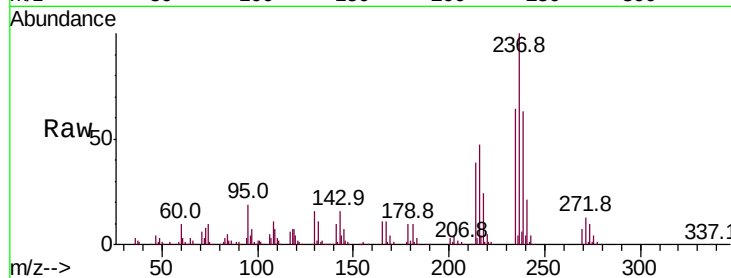




#41
Hexachlorocyclopentadiene
Concen: 93.868 ng
RT: 12.85 min Scan# 1661
Delta R.T. 0.00 min
Lab File: BG045010.D
Acq: 16 Apr 2020 17:31

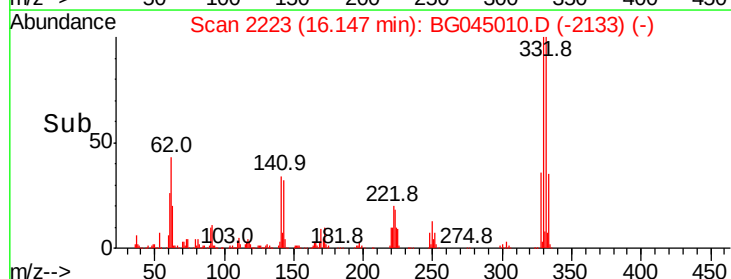
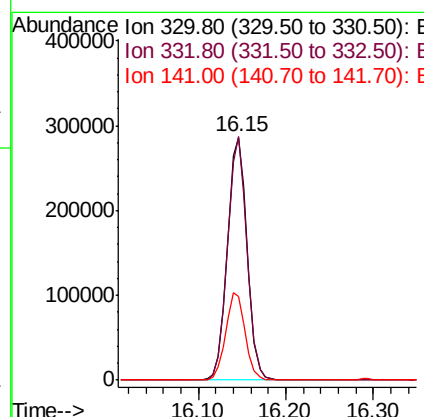
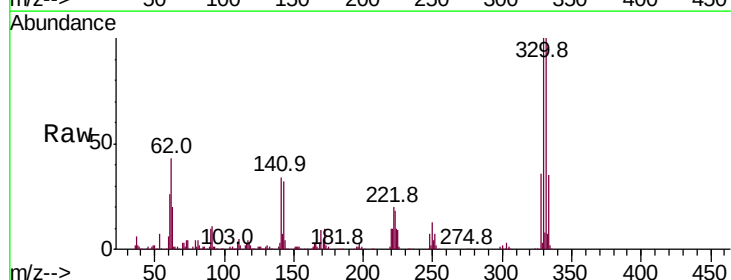
Instrument :
BNA_G
ClientSampleId :
PB128228BS

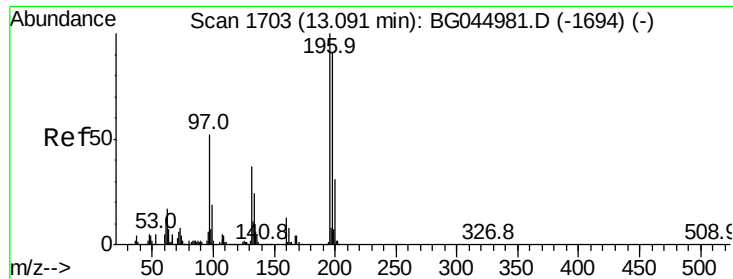
Tot Ion	Ratio	Lower	Upper
237	100		
235	63.6	41.6	81.6
272	12.8	0.0	32.1



#42
2,4,6-Tribromophenol
Concen: 141.301 ng
RT: 16.15 min Scan# 2223
Delta R.T. 0.00 min
Lab File: BG045010.D
Acq: 16 Apr 2020 17:31

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.0	79.1	118.7
141	35.4	27.1	40.7

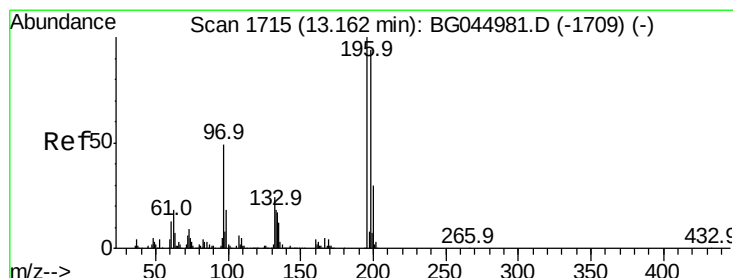
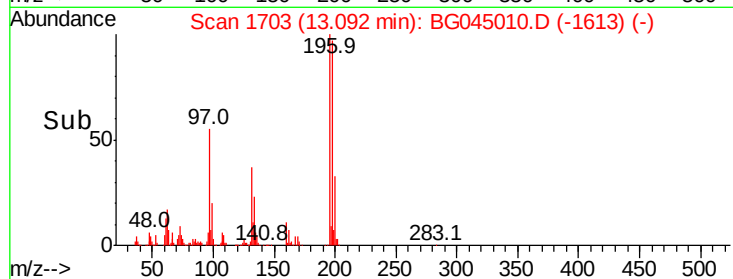
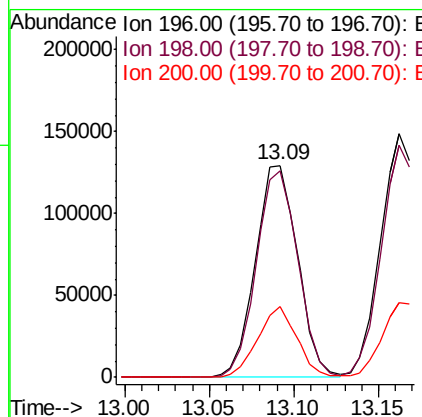
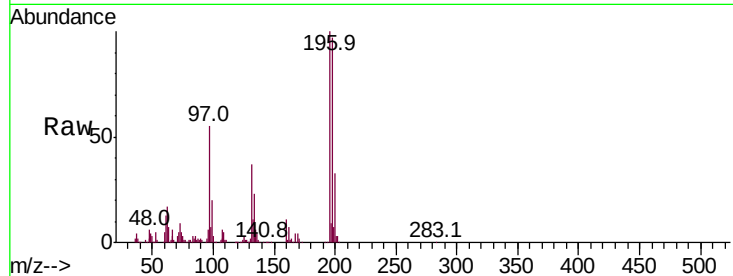




#43
 2,4,6-Trichlorophenol
 Concen: 48.441 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. 0.00 min
 Lab File: BG045010.D
 Acq: 16 Apr 2020 17:31

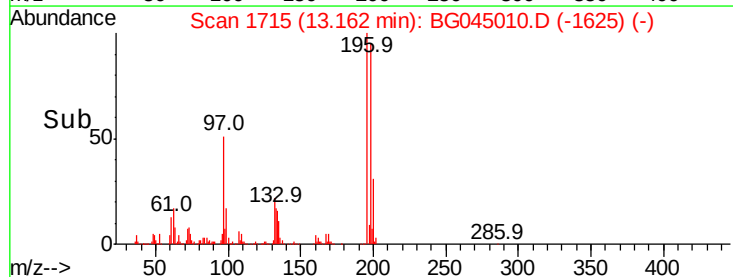
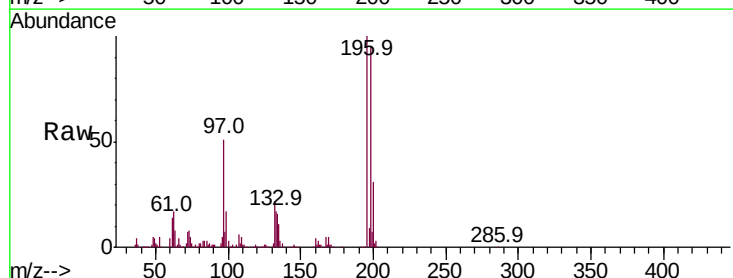
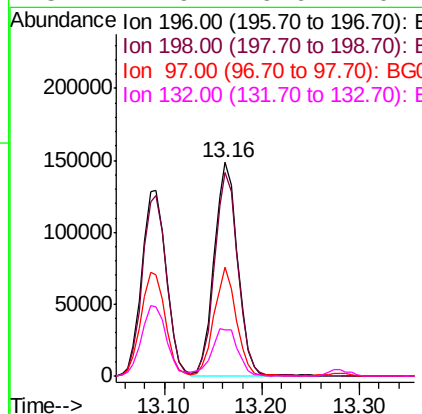
Instrument :
 BNA_G
 ClientSampleId :
 PB128228BS

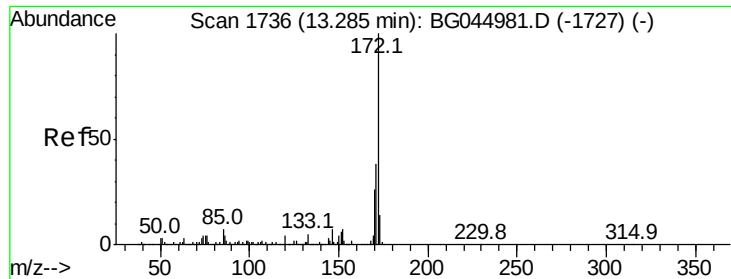
Tot Ion	Ratio	Lower	Upper
196	100		
198	97.4	72.5	108.7
200	33.2	24.5	36.7



#44
 2,4,5-Trichlorophenol
 Concen: 46.951 ng
 RT: 13.16 min Scan# 1715
 Delta R.T. 0.00 min
 Lab File: BG045010.D
 Acq: 16 Apr 2020 17:31

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.4	75.7	113.5
97	50.8	39.6	59.4
132	21.9	19.6	29.4



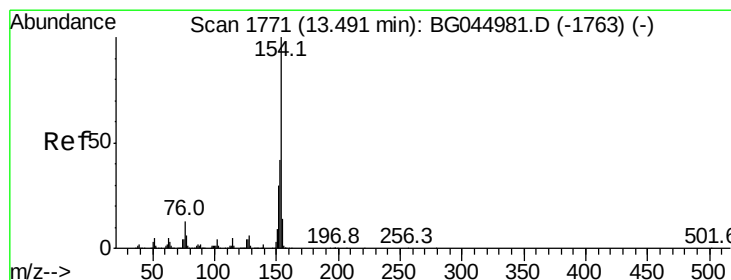
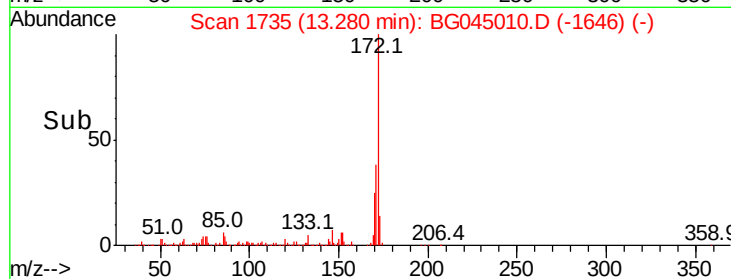
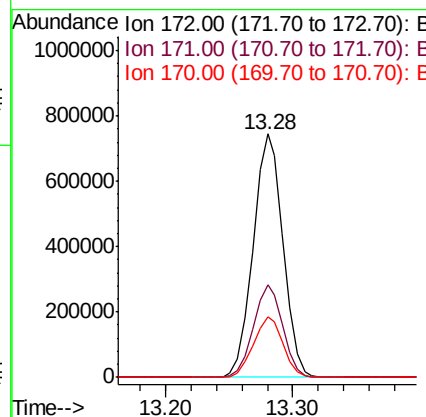
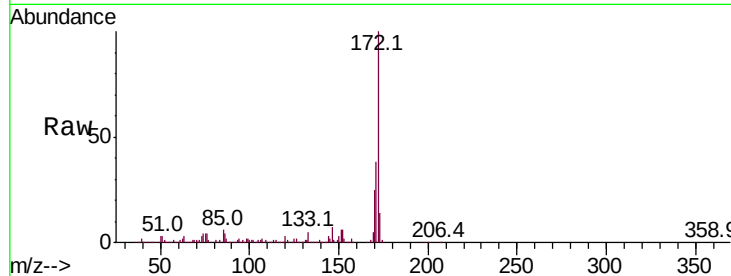


#45
 2-Fluorobiphenyl
 Concen: 87.173 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.01 min
 Lab File: BG045010.D
 Acq: 16 Apr 2020 17:31

Instrument :
 BNA_G
 ClientSampleId :
 PB128228BS

Tot Ion:172 Resp: 1214666

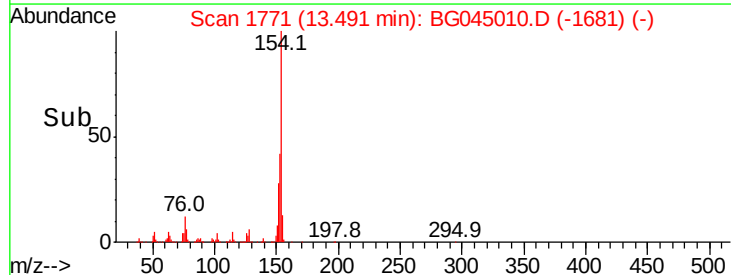
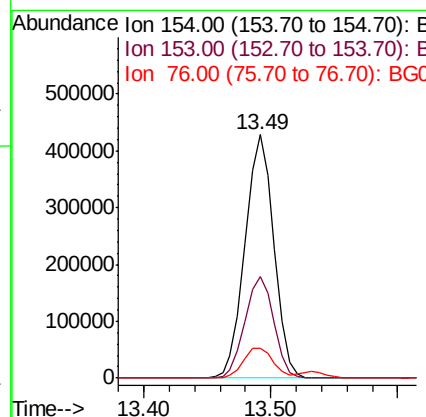
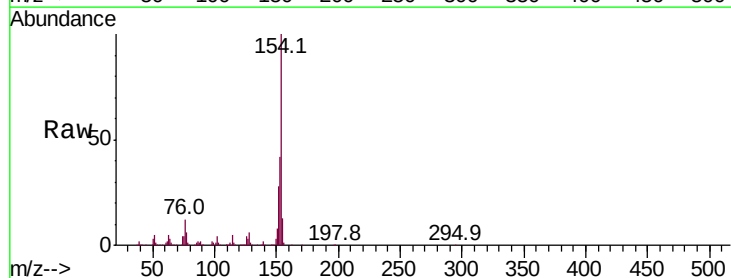
Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.6	46.0
170	24.9	20.5	30.7

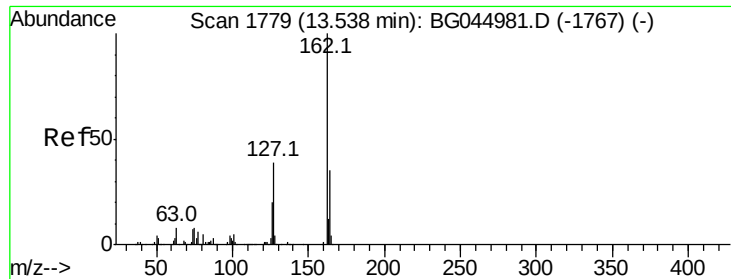


#46
 1,1'-Biphenyl
 Concen: 43.384 ng
 RT: 13.49 min Scan# 1771
 Delta R.T. 0.00 min
 Lab File: BG045010.D
 Acq: 16 Apr 2020 17:31

Tgt Ion:154 Resp: 673726

Ion	Ratio	Lower	Upper
154	100		
153	41.8	21.9	61.9
76	12.5	0.0	33.1

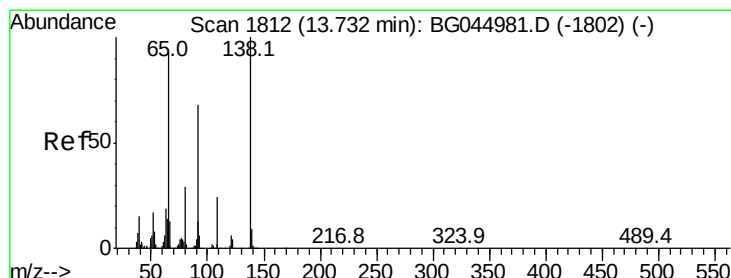
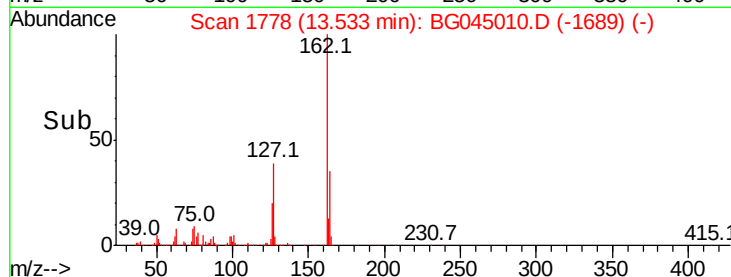
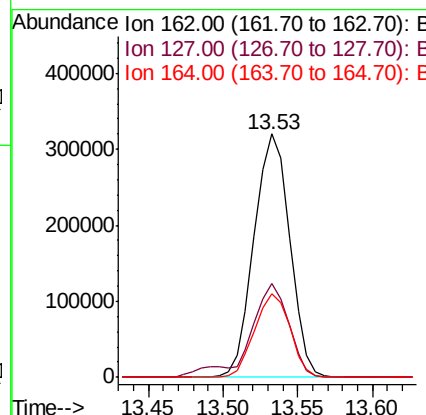
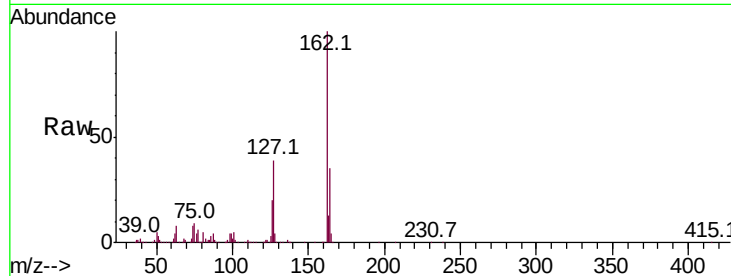




#47
2-Chloronaphthalene
Concen: 44.507 ng
RT: 13.53 min Scan# 1778
Delta R.T. -0.01 min
Lab File: BG045010.D
Acq: 16 Apr 2020 17:31

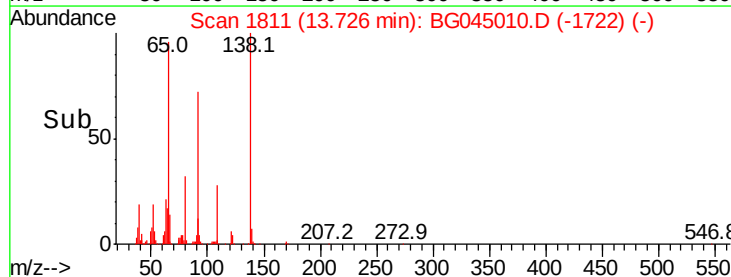
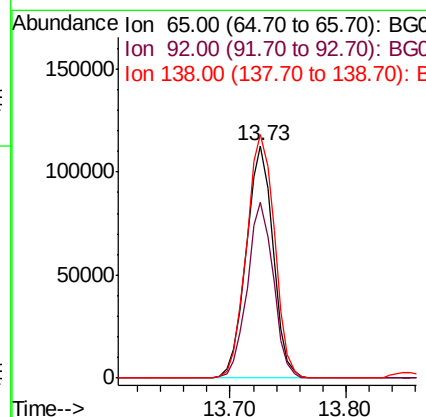
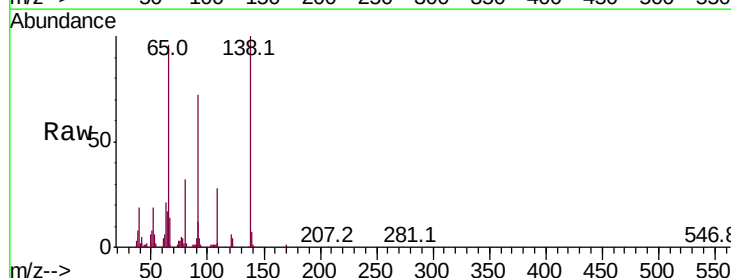
Instrument :
BNA_G
ClientSampleId :
PB128228BS

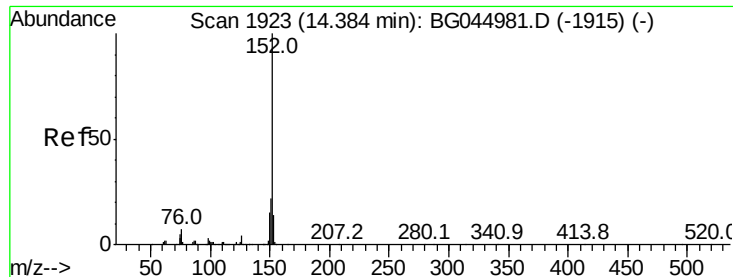
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.7	31.3	46.9
164	34.6	27.8	41.8



#48
2-Nitroaniline
Concen: 46.696 ng
RT: 13.73 min Scan# 1811
Delta R.T. -0.01 min
Lab File: BG045010.D
Acq: 16 Apr 2020 17:31

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.4	58.3	87.5
138	104.6	85.6	128.4





#49

Acenaphthylene

Concen: 46.124 ng

RT: 14.38 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BG045010.D

Acq: 16 Apr 2020 17:31

Instrument :

BNA_G

ClientSampleId :

PB128228BS

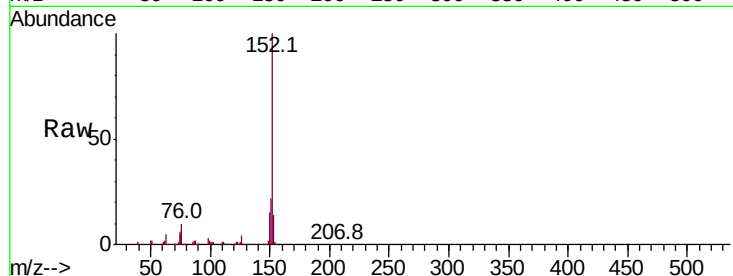
Tot Ion:152 Resp: 891495

Ion Ratio Lower Upper

152 100

151 22.1 17.2 25.8

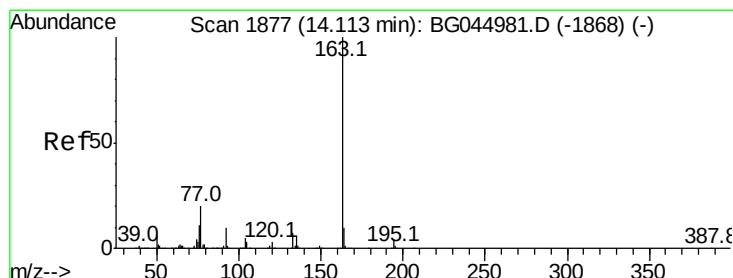
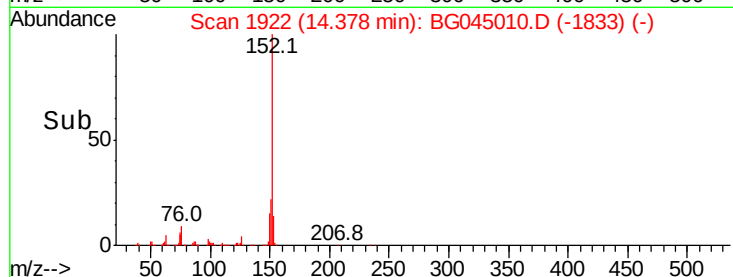
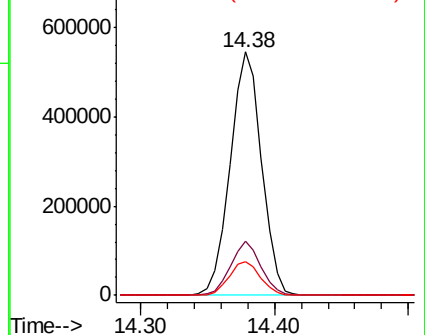
153 14.0 11.0 16.4



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: 45.831 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BG045010.D

Acq: 16 Apr 2020 17:31

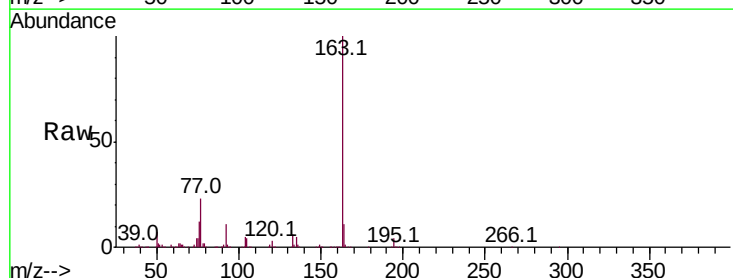
Tgt Ion:163 Resp: 762453

Ion Ratio Lower Upper

163 100

194 4.4 3.5 5.3

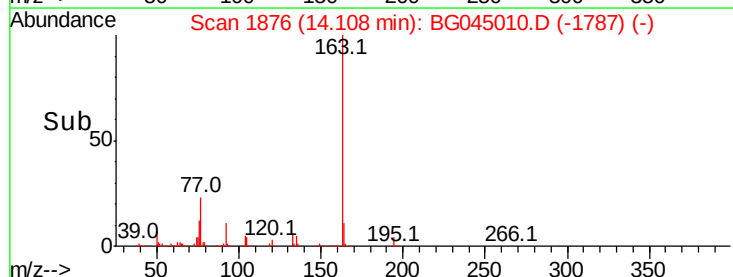
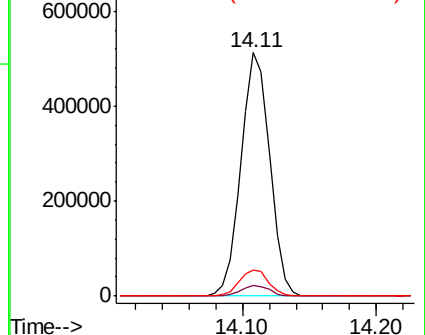
164 10.8 8.2 12.4

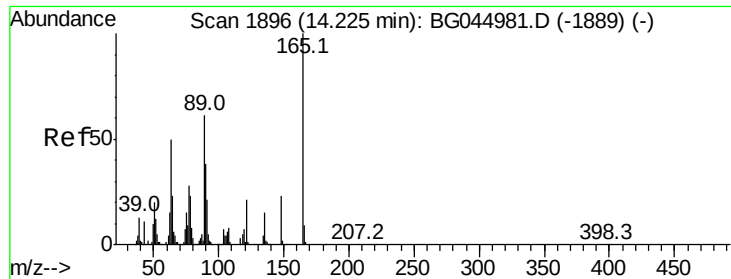


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

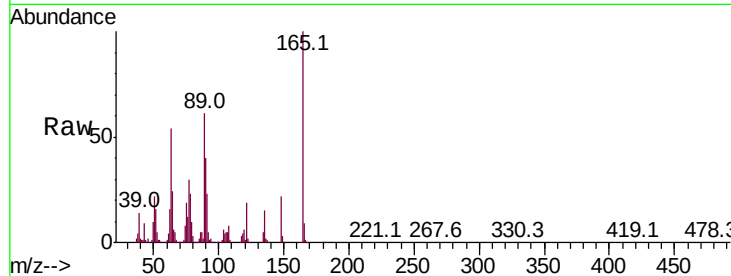




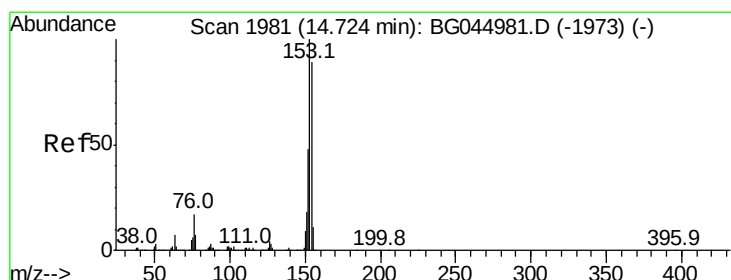
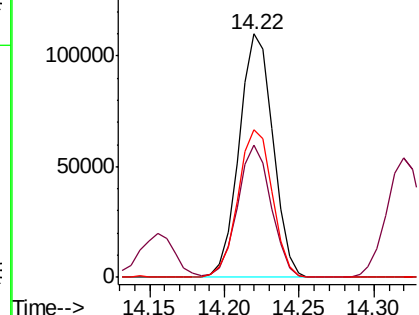
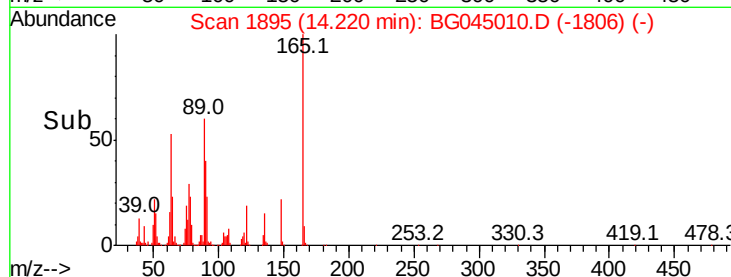
#51
 2,6-Dinitrotoluene
 Concen: 46.490 ng
 RT: 14.22 min Scan# 1895
 Delta R.T. -0.01 min
 Lab File: BG045010.D
 Acq: 16 Apr 2020 17:31

Instrument :
 BNA_G
 ClientSampleId :
 PB128228BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	54.1	40.4	60.6
89	60.5	49.1	73.7

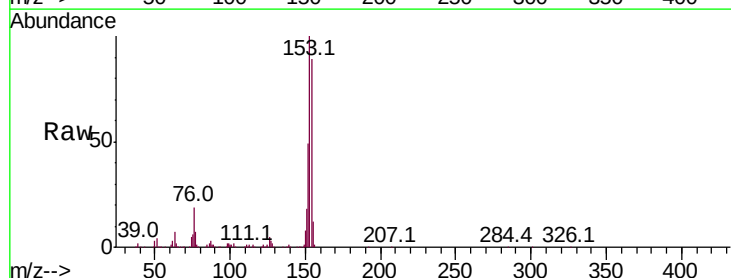


Abundance Ion 165.00 (164.70 to 165.70): E
 150000
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

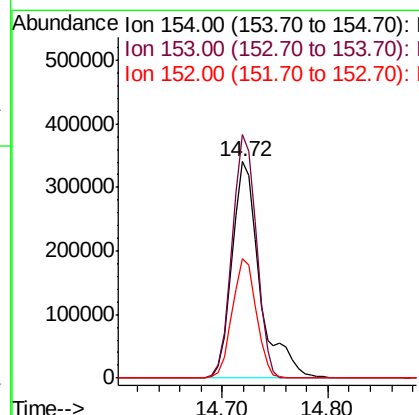
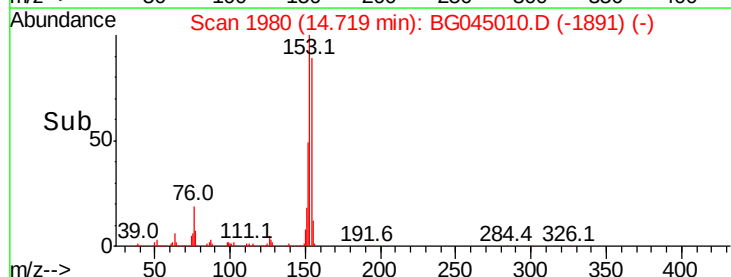


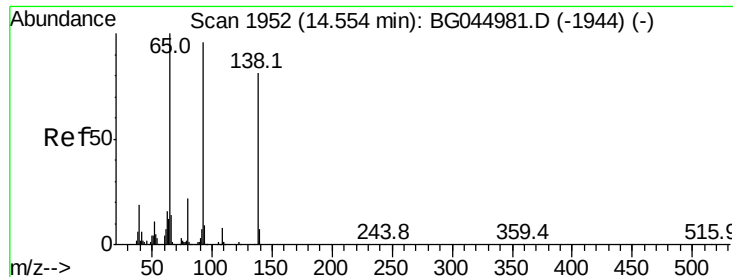
#52
 Acenaphthene
 Concen: 47.459 ng
 RT: 14.72 min Scan# 1980
 Delta R.T. -0.01 min
 Lab File: BG045010.D
 Acq: 16 Apr 2020 17:31

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.6	89.7	134.5
152	55.2	43.1	64.7



Abundance Ion 154.00 (153.70 to 154.70): E
 500000
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 31.375 ng

RT: 14.55 min Scan# 1951

Delta R.T. -0.01 min

Lab File: BG045010.D

Acq: 16 Apr 2020 17:31

Instrument :

BNA_G

ClientSampleId :

PB128228BS

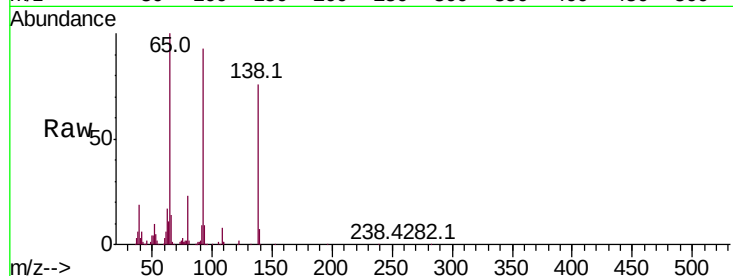
Tot Ion:138 Resp: 128044

Ion Ratio Lower Upper

138 100

108 11.2 7.8 11.8

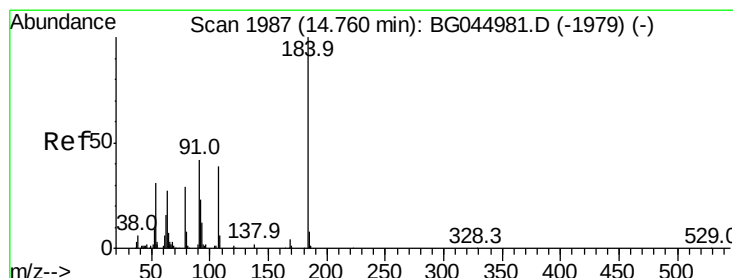
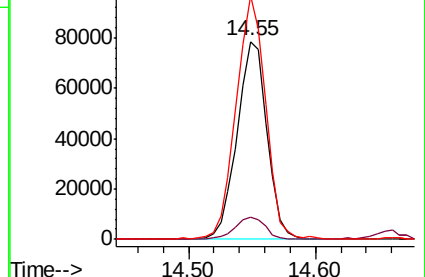
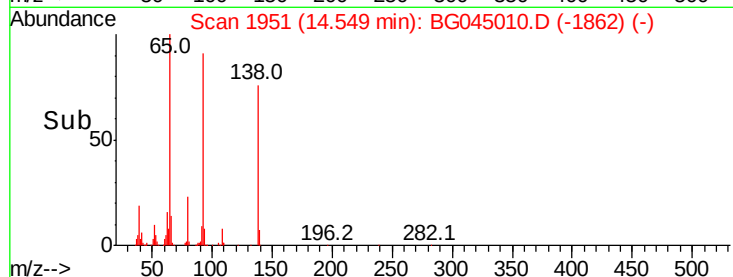
92 122.9 94.5 141.7



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 61.522 ng

RT: 14.75 min Scan# 1986

Delta R.T. -0.01 min

Lab File: BG045010.D

Acq: 16 Apr 2020 17:31

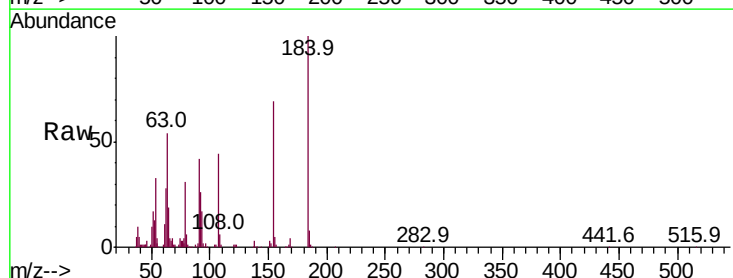
Tgt Ion:184 Resp: 136128

Ion Ratio Lower Upper

184 100

63 54.4 41.5 62.3

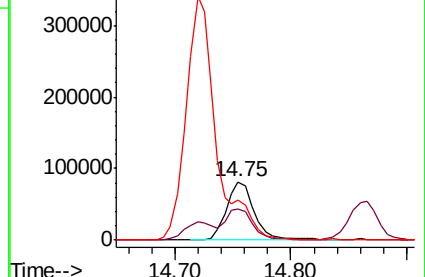
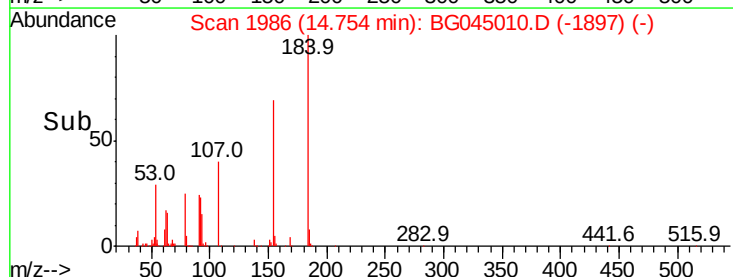
154 68.7 52.3 78.5

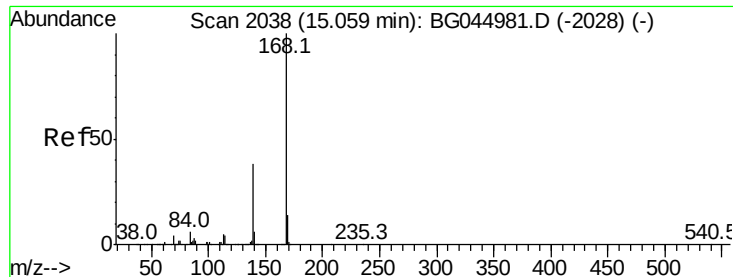


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

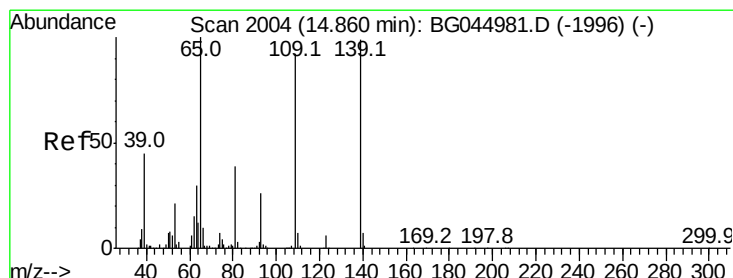
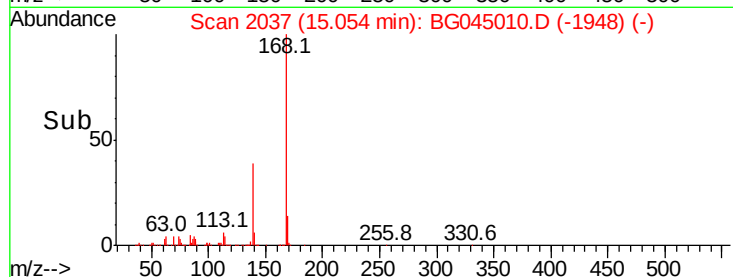
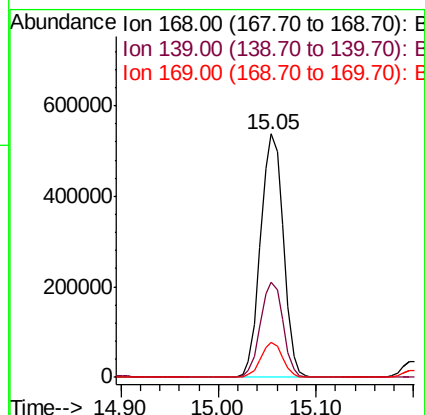
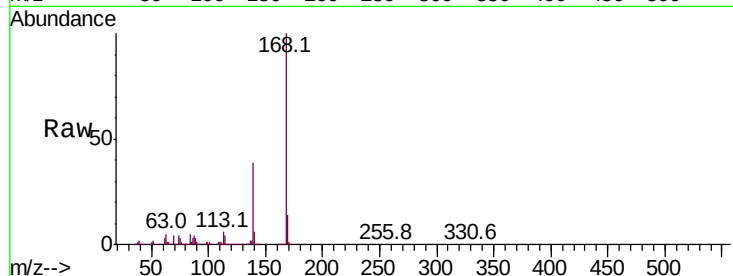




#55
Dibenzenofuran
Concen: 46.304 ng
RT: 15.05 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BG045010.D
Acq: 16 Apr 2020 17:31

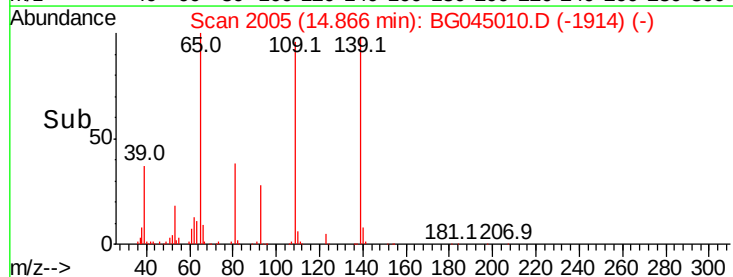
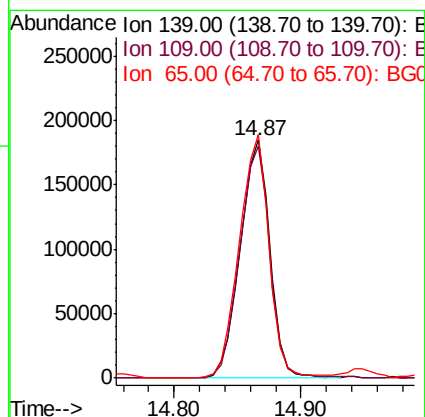
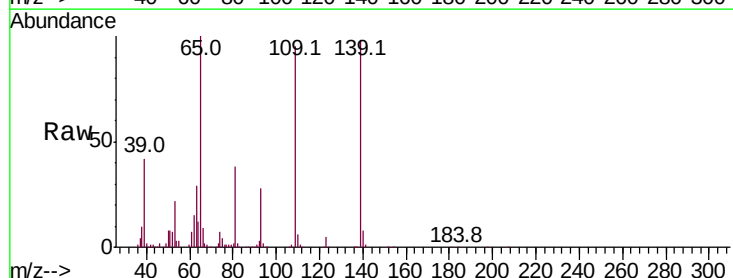
Instrument :
BNA_G
ClientSampleId :
PB128228BS

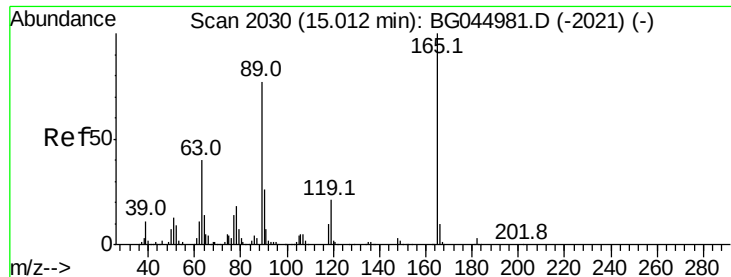
Tot Ion	Ratio	Lower	Upper
168	100		
139	39.3	30.4	45.6
169	14.5	11.0	16.4



#56
4-Nitrophenol
Concen: 94.736 ng
RT: 14.87 min Scan# 2005
Delta R.T. 0.01 min
Lab File: BG045010.D
Acq: 16 Apr 2020 17:31

Tgt Ion	Ratio	Lower	Upper
139	100		
109	97.6	73.6	113.6
65	102.4	81.2	121.2

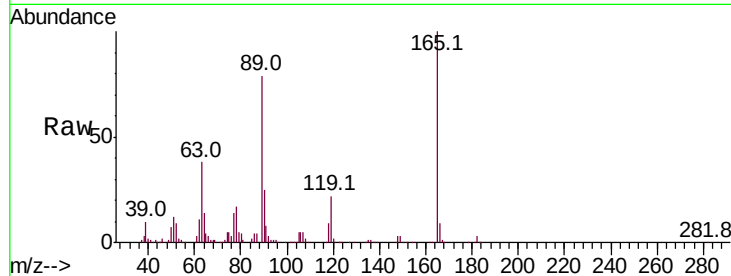




#57
 2,4-Dinitrotoluene
 Concen: 46.385 ng
 RT: 15.01 min Scan# 2030
 Delta R.T. 0.00 min
 Lab File: BG045010.D
 Acq: 16 Apr 2020 17:31

Instrument :
 BNA_G
 ClientSampleId :
 PB128228BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	37.7	32.2	48.2
89	79.0	61.7	92.5
182	2.8	2.0	3.0



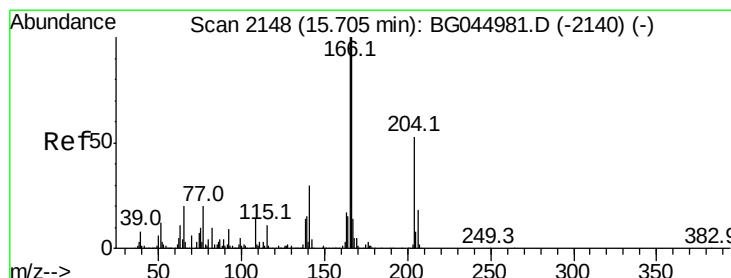
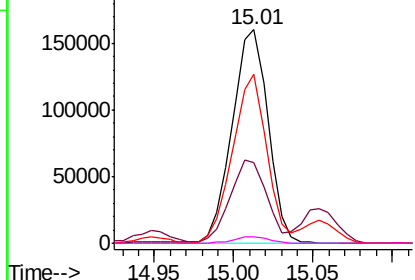
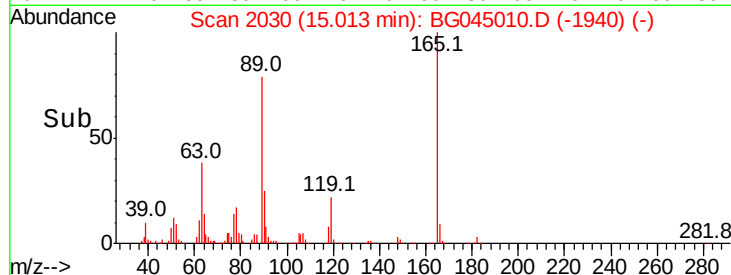
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

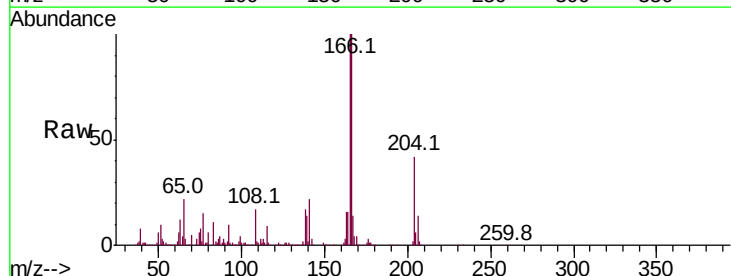
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 47.786 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. 0.00 min
 Lab File: BG045010.D
 Acq: 16 Apr 2020 17:31

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.6	79.9	119.9
167	14.0	11.4	17.0

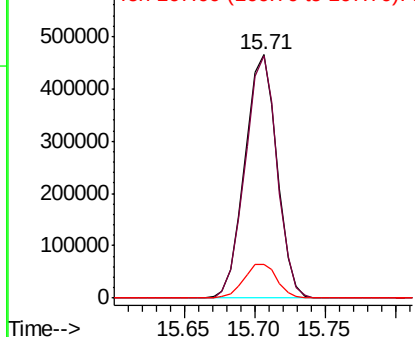
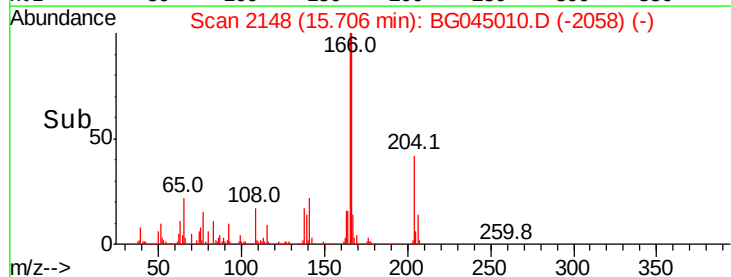


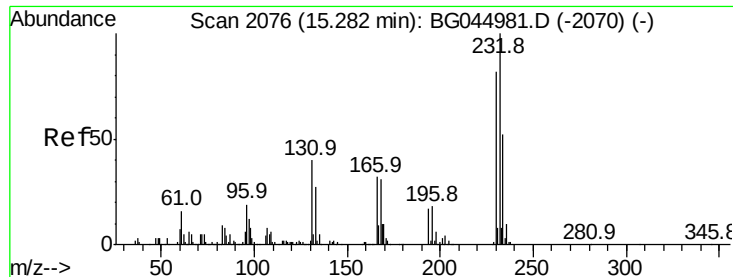
Abundance

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

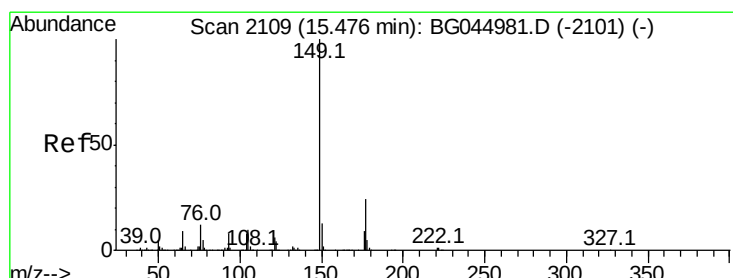
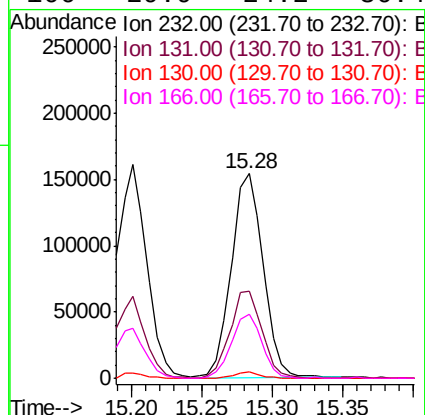
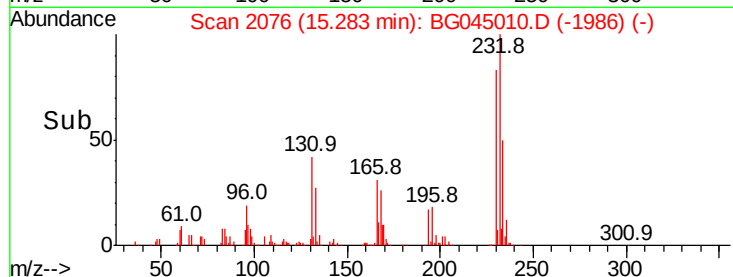
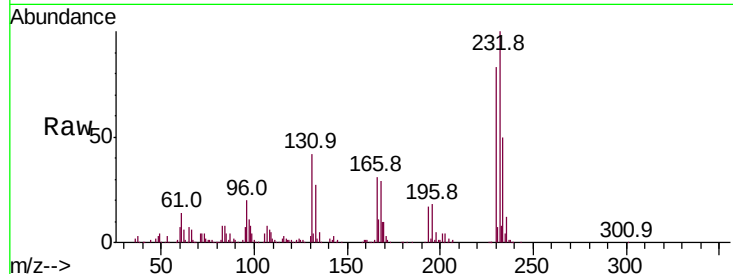




#59
2,3,4,6-Tetrachlorophenol
Concen: 51.513 ng
RT: 15.28 min Scan# 2076
Delta R.T. 0.00 min
Lab File: BG045010.D
Acq: 16 Apr 2020 17:31

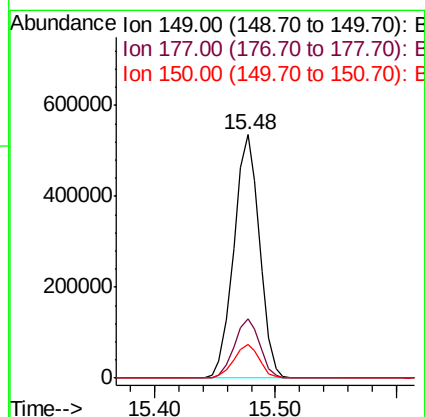
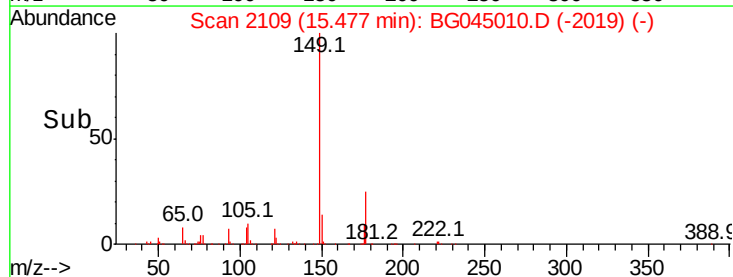
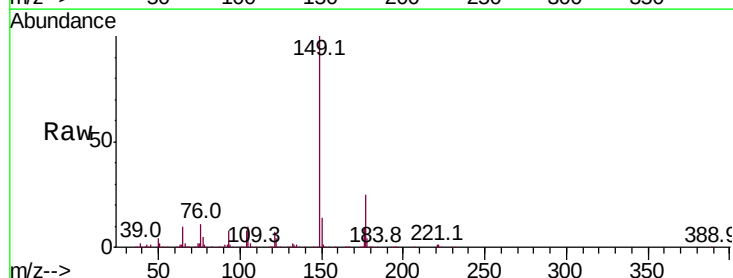
Instrument :
BNA_G
ClientSampleId :
PB128228BS

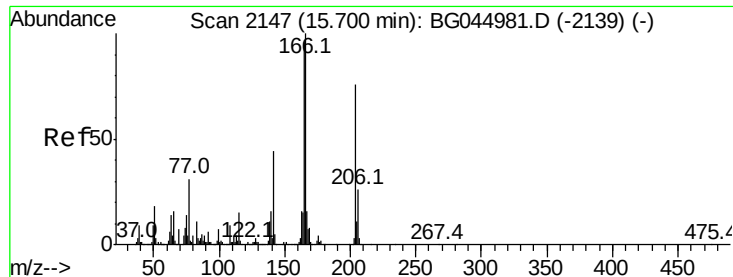
Tot Ion:	232	Resp:	242230
Ion	Ratio	Lower	Upper
232	100		
131	42.5	32.2	48.2
130	2.5	2.2	3.2
166	29.9	24.2	36.4



#60
Diethylphthalate
Concen: 45.606 ng
RT: 15.48 min Scan# 2109
Delta R.T. 0.00 min
Lab File: BG045010.D
Acq: 16 Apr 2020 17:31

Tgt Ion:	149	Resp:	791043
Ion	Ratio	Lower	Upper
149	100		
177	24.6	18.9	28.3
150	14.0	10.6	15.8

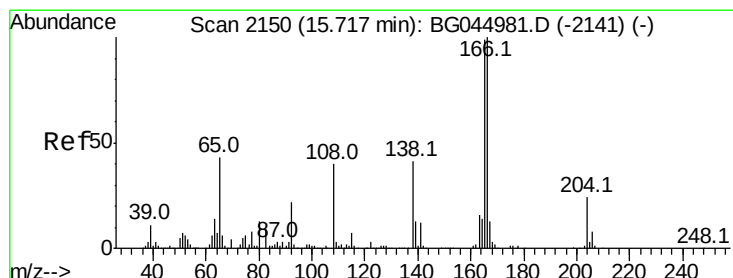
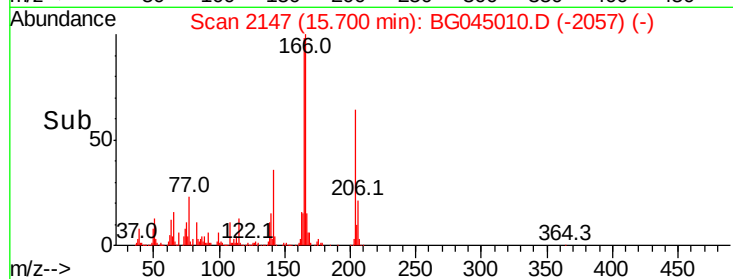
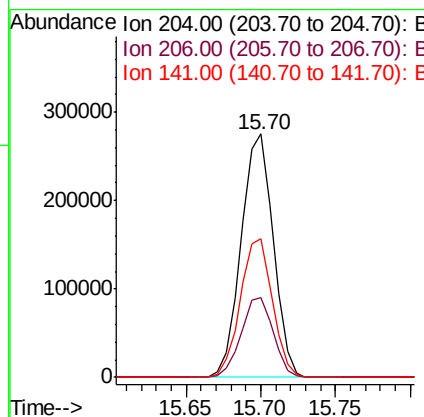
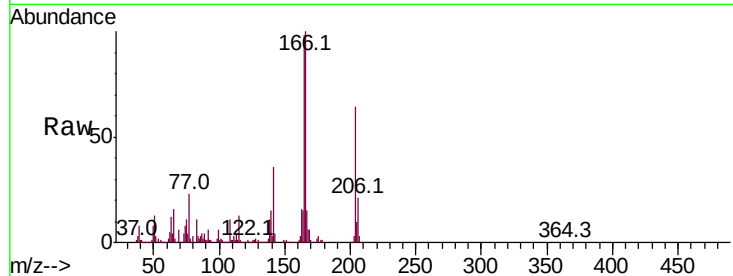




#61
4-Chlorophenyl-phenylether
Concen: 45.698 ng
RT: 15.70 min Scan# 2147
Delta R.T. 0.00 min
Lab File: BG045010.D
Acq: 16 Apr 2020 17:31

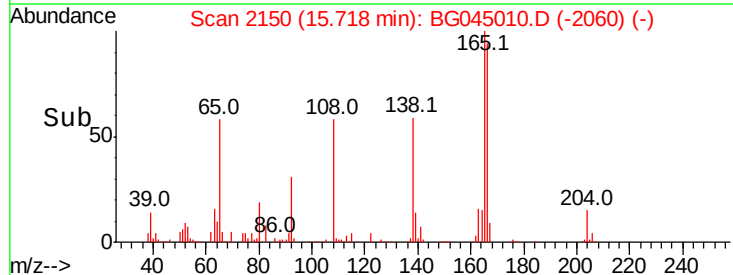
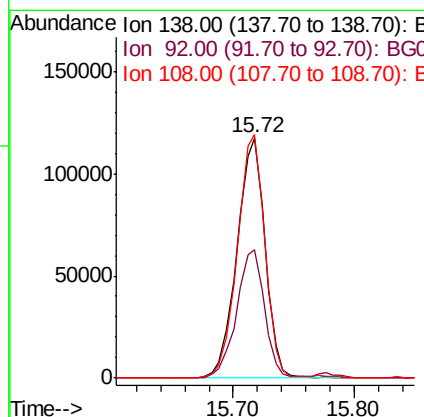
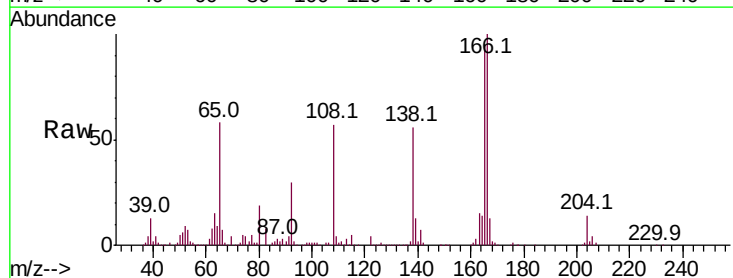
Instrument :
BNA_G
ClientSampleId :
PB128228BS

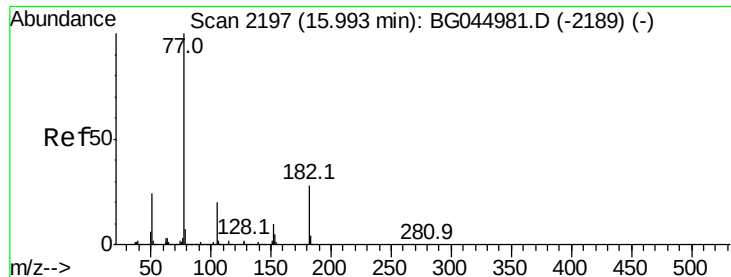
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.9	40.3
141	56.8	46.3	69.5



#62
4-Nitroaniline
Concen: 45.132 ng
RT: 15.72 min Scan# 2150
Delta R.T. 0.00 min
Lab File: BG045010.D
Acq: 16 Apr 2020 17:31

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.6	33.6	73.6
108	101.4	78.2	118.2

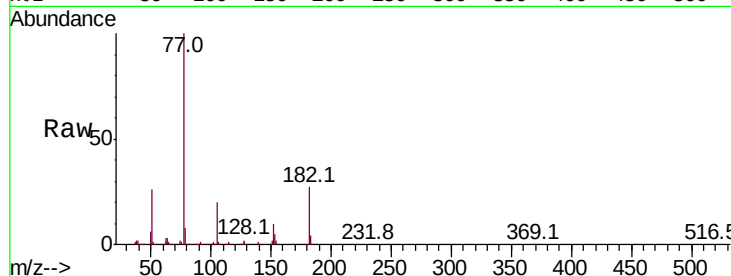




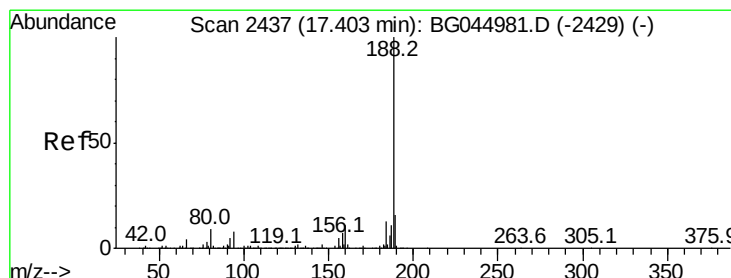
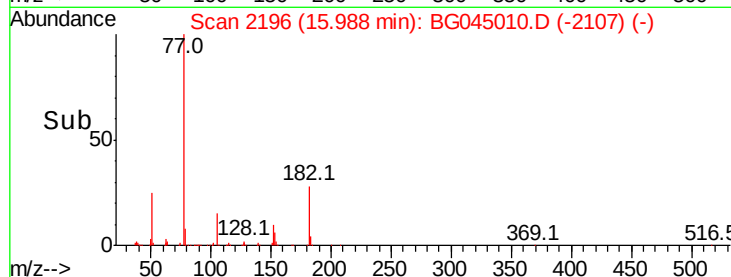
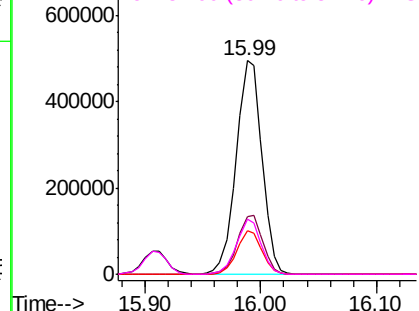
#63
Azobenzene
Concen: 47.791 ng
RT: 15.99 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BG045010.D
Acq: 16 Apr 2020 17:31

Instrument :
BNA_G
ClientSampleId :
PB128228BS

Tot Ion:	77	Resp:	764253
Ion	Ratio	Lower	Upper
77	100		
182	27.0	8.4	48.4
105	20.1	0.5	40.5
51	25.5	4.4	44.4

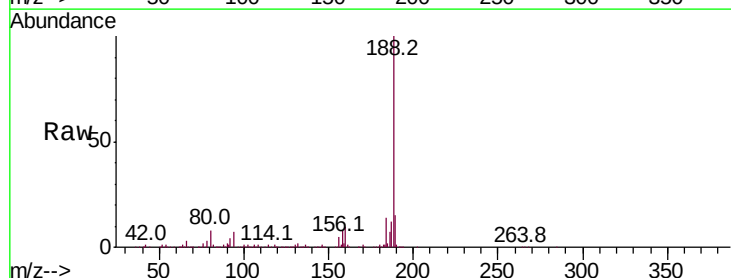


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

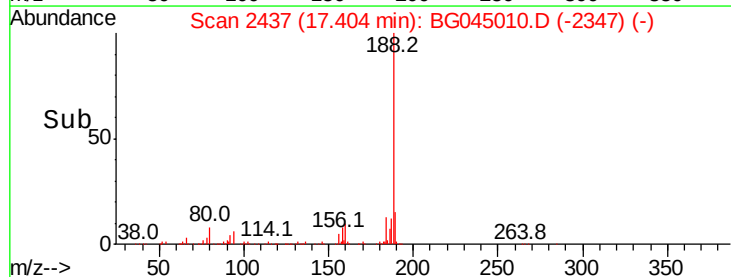
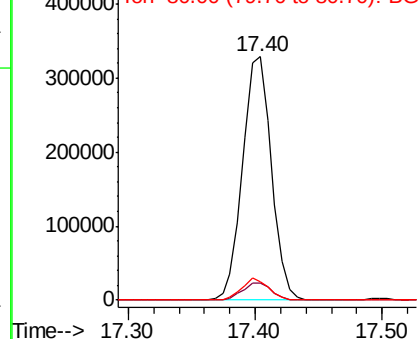


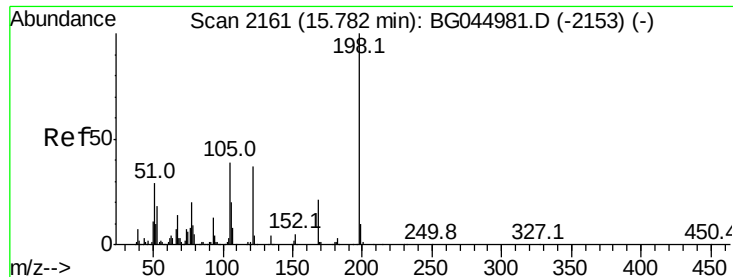
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2437
Delta R.T. 0.00 min
Lab File: BG045010.D
Acq: 16 Apr 2020 17:31

Tgt Ion:	188	Resp:	516248
Ion	Ratio	Lower	Upper
188	100		
94	6.8	6.2	9.4
80	7.7	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

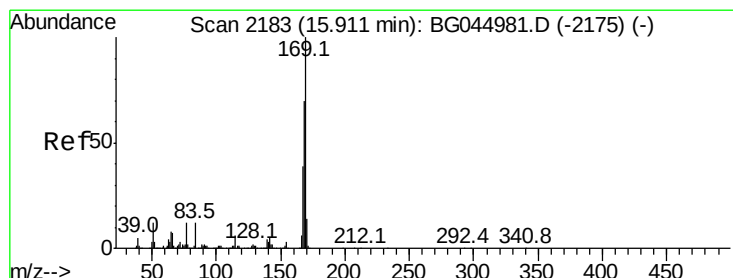
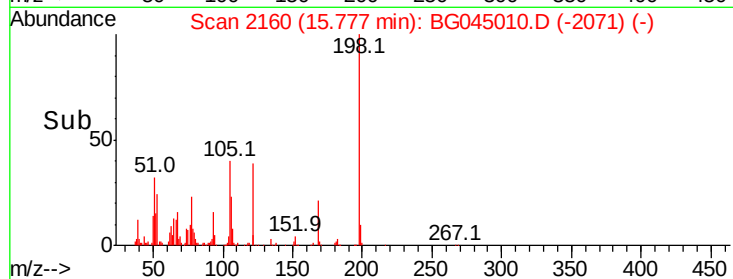
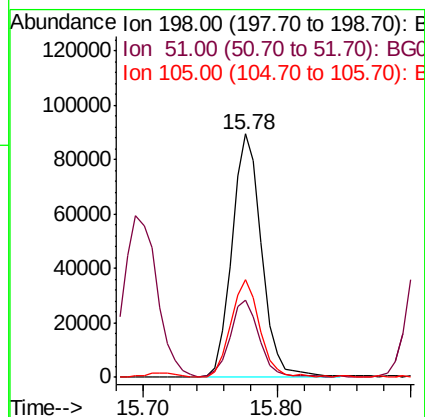
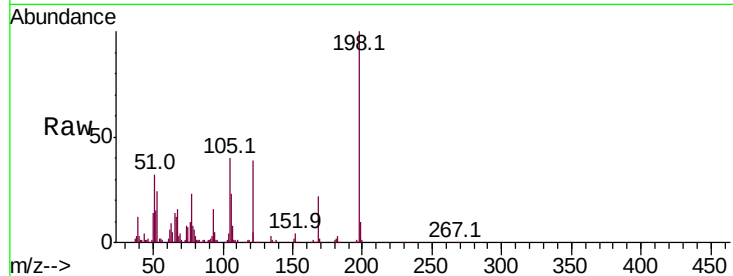




#65
4,6-Dinitro-2-methylphenol
Concen: 40.935 ng
RT: 15.78 min Scan# 2160
Delta R.T. -0.01 min
Lab File: BG045010.D
Acq: 16 Apr 2020 17:31

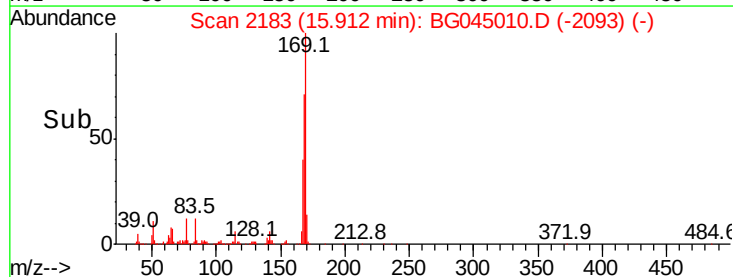
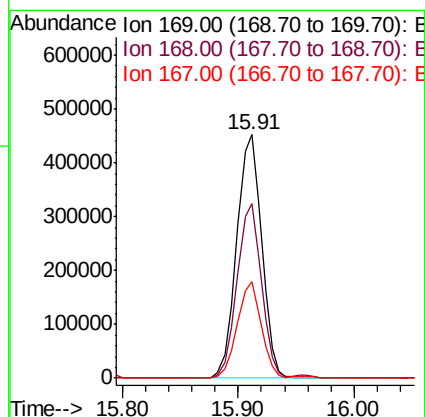
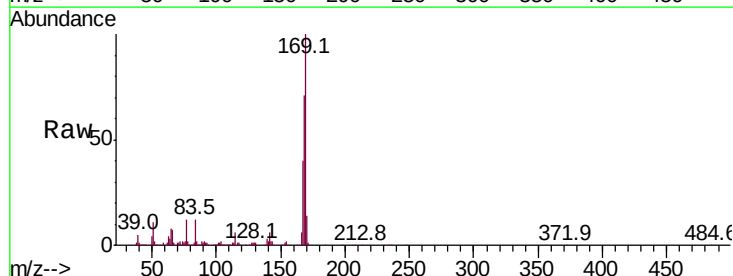
Instrument :
BNA_G
ClientSampleId :
PB128228BS

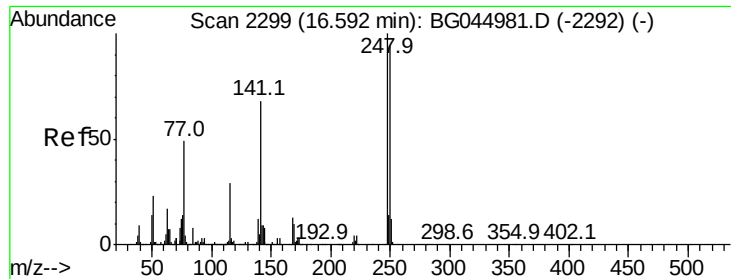
Tot Ion	Ratio	Lower	Upper
198	100		
51	31.7	10.0	50.0
105	40.3	18.9	58.9



#66
n-Nitrosodiphenylamine
Concen: 45.640 ng
RT: 15.91 min Scan# 2183
Delta R.T. 0.00 min
Lab File: BG045010.D
Acq: 16 Apr 2020 17:31

Tgt Ion	Ratio	Lower	Upper
169	100		
168	71.5	55.8	83.8
167	39.6	30.8	46.2

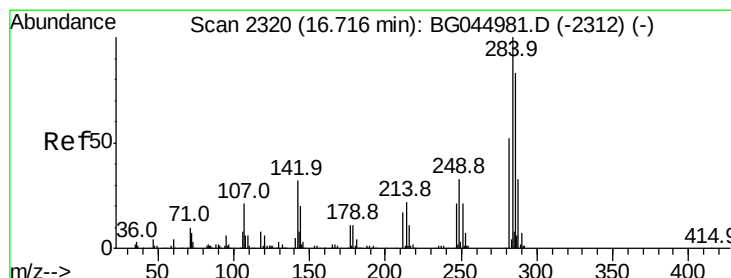
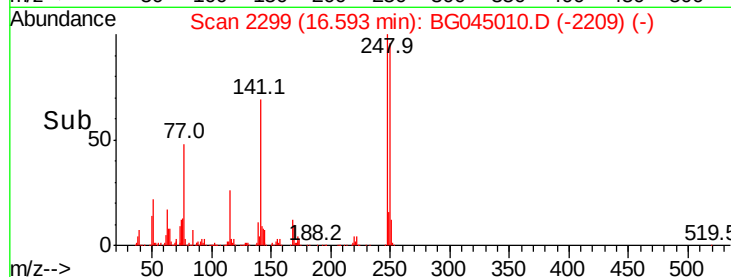
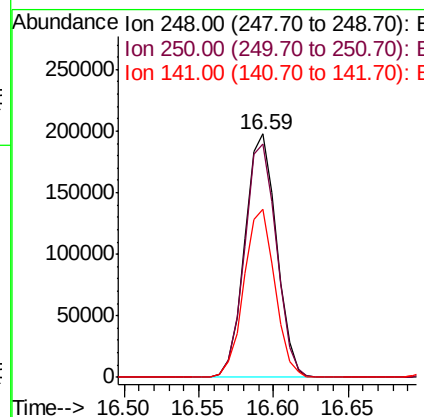
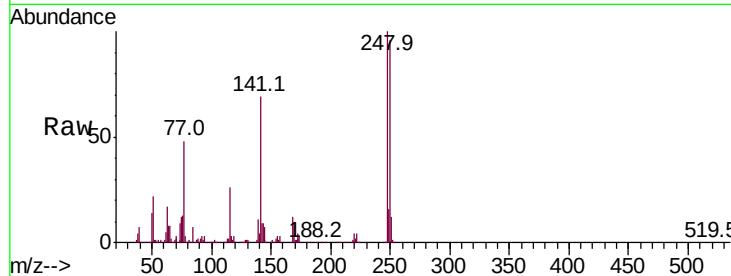




#67
4-Bromophenyl-phenylether
Concen: 43.460 ng
RT: 16.59 min Scan# 2299
Delta R.T. 0.00 min
Lab File: BG045010.D
Acq: 16 Apr 2020 17:31

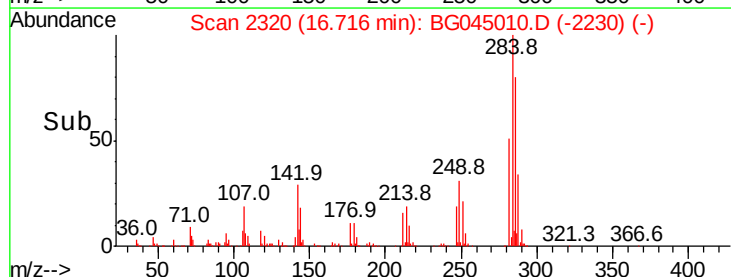
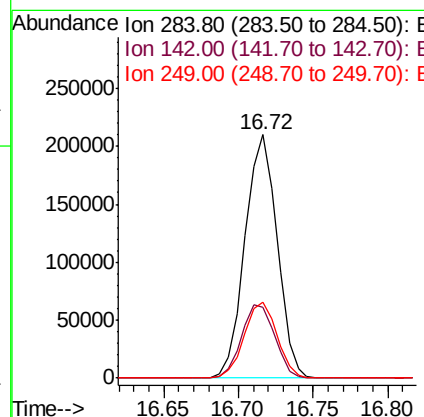
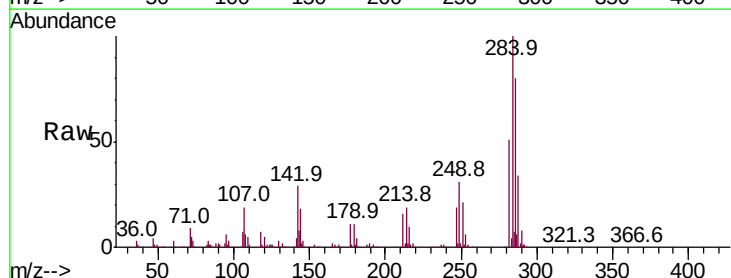
Instrument :
BNA_G
ClientSampleId :
PB128228BS

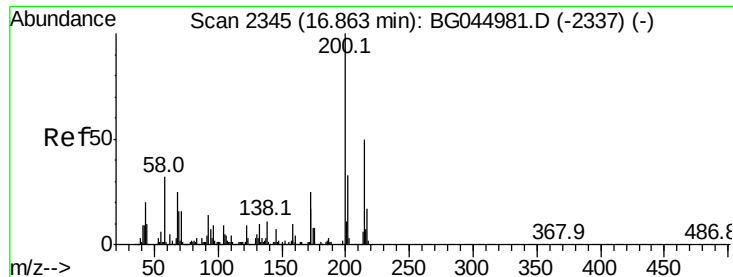
Tot Ion	Ratio	Lower	Upper
248	100		
250	96.1	75.4	113.2
141	69.2	54.4	81.6



#68
Hexachlorobenzene
Concen: 45.395 ng
RT: 16.72 min Scan# 2320
Delta R.T. 0.00 min
Lab File: BG045010.D
Acq: 16 Apr 2020 17:31

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.0	25.8	38.6
249	31.4	26.6	39.8





#69

Atrazine

Concen: 55.014 ng

RT: 16.86 min Scan# 2344

Delta R.T. -0.00 min

Lab File: BG045010.D

Acq: 16 Apr 2020 17:31

Instrument :

BNA_G

ClientSampled :

PB128228BS

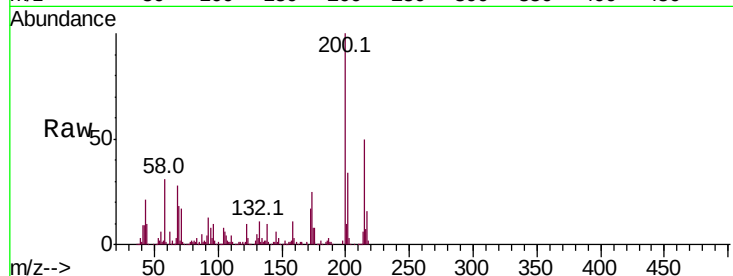
Tot Ion:200 Resp: 291878

Ion Ratio Lower Upper

200 100

173 24.6 4.5 44.5

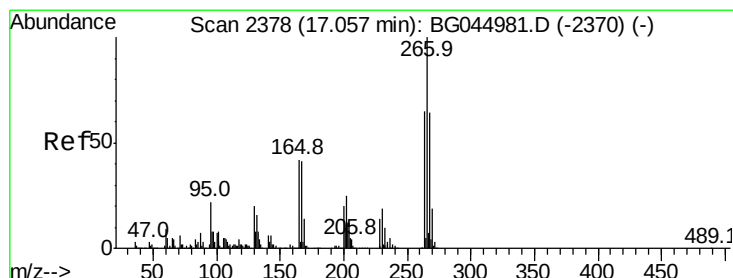
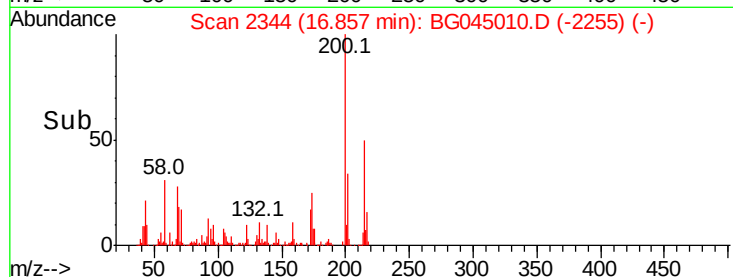
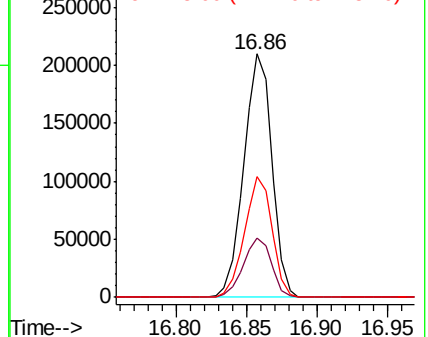
215 49.8 30.0 70.0



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 88.025 ng

RT: 17.06 min Scan# 2378

Delta R.T. 0.00 min

Lab File: BG045010.D

Acq: 16 Apr 2020 17:31

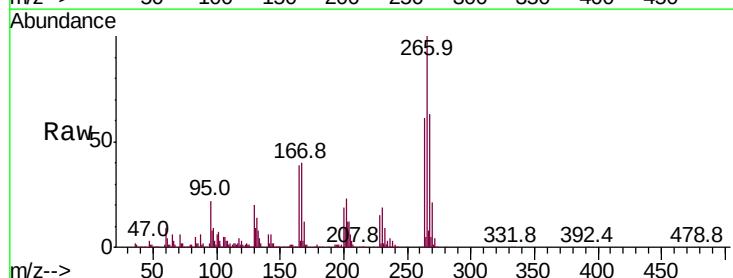
Tgt Ion:266 Resp: 372991

Ion Ratio Lower Upper

266 100

268 63.2 51.5 77.3

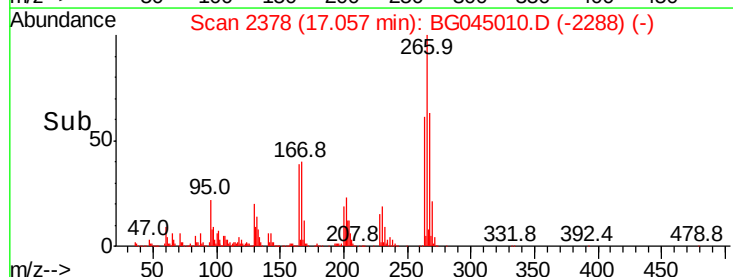
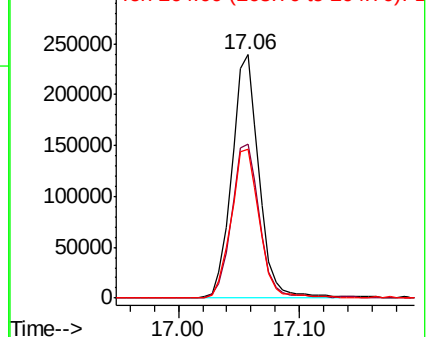
264 61.2 52.2 78.4

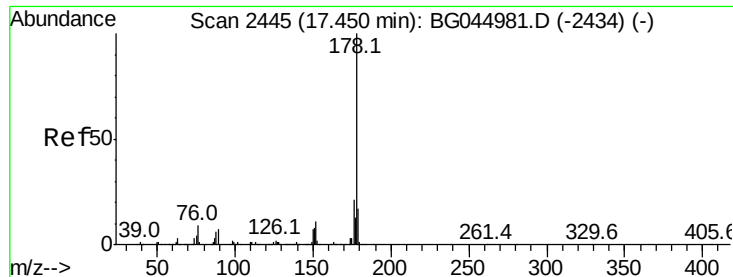


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 46.649 ng

RT: 17.44 min Scan# 2444

Delta R.T. -0.01 min

Lab File: BG045010.D

Acq: 16 Apr 2020 17:31

Instrument :

BNA_G

ClientSampleId :

PB128228BS

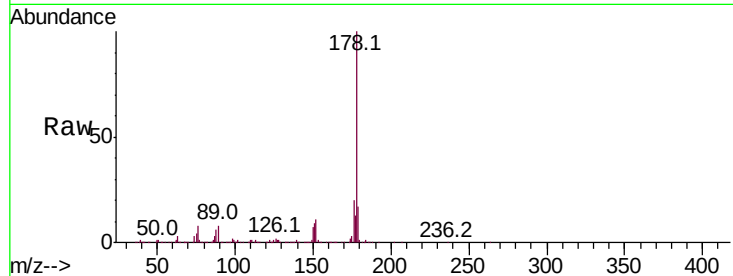
Tot Ion:178 Resp: 1237522

Ion Ratio Lower Upper

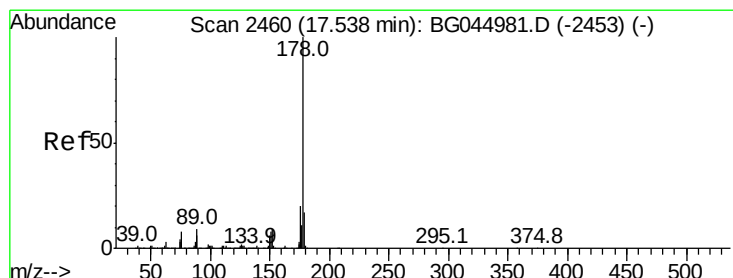
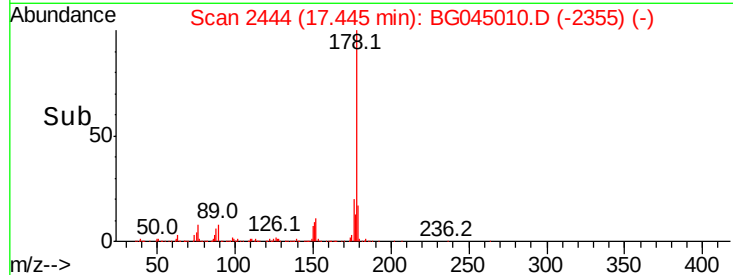
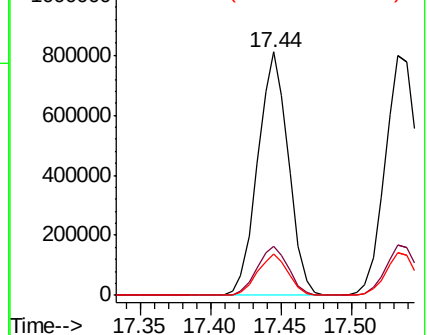
178 100

176 20.3 16.8 25.2

179 17.2 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: 47.501 ng

RT: 17.53 min Scan# 2459

Delta R.T. -0.01 min

Lab File: BG045010.D

Acq: 16 Apr 2020 17:31

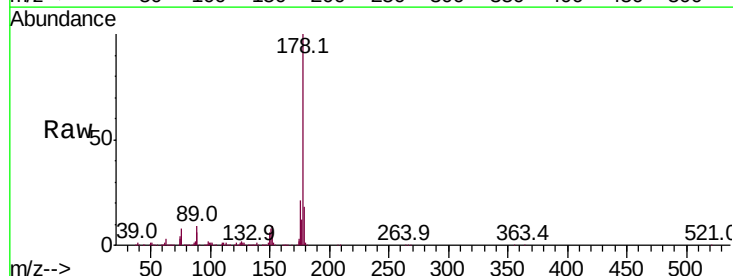
Tgt Ion:178 Resp: 1264046

Ion Ratio Lower Upper

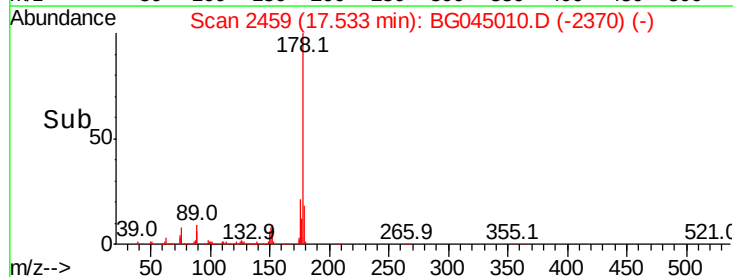
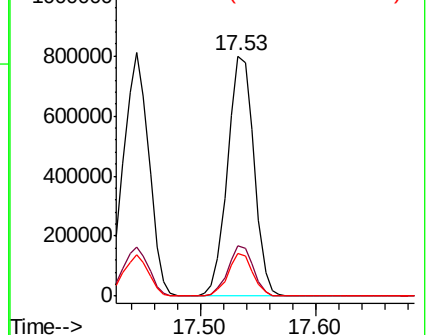
178 100

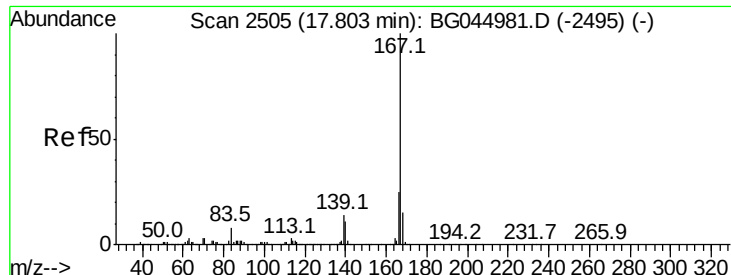
176 21.1 16.0 24.0

179 17.6 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



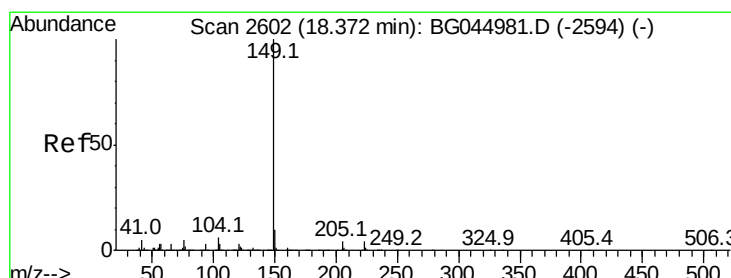
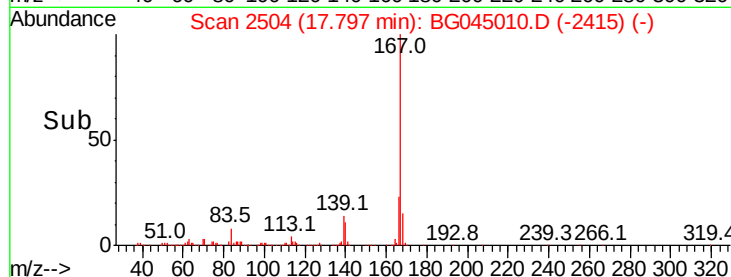
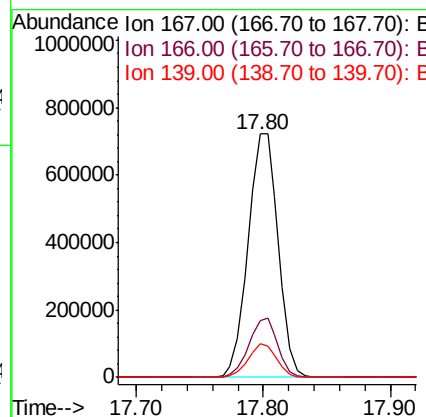
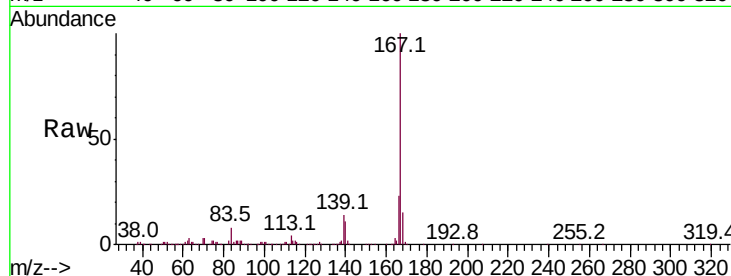


#73
 Carbazole
 Concen: 43.899 ng
 RT: 17.80 min Scan# 2504
 Delta R.T. -0.01 min
 Lab File: BG045010.D
 Acq: 16 Apr 2020 17:31

Instrument :
 BNA_G
 ClientSampleId :
 PB128228BS

Tot Ion:167 Resp: 1185485

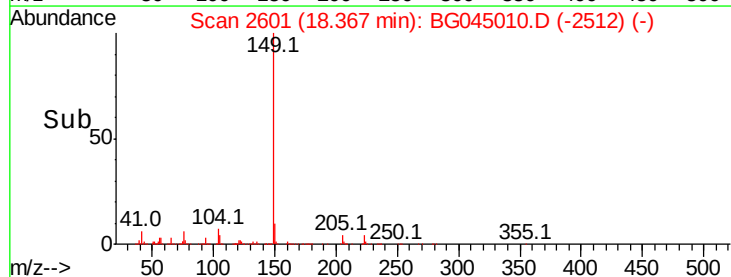
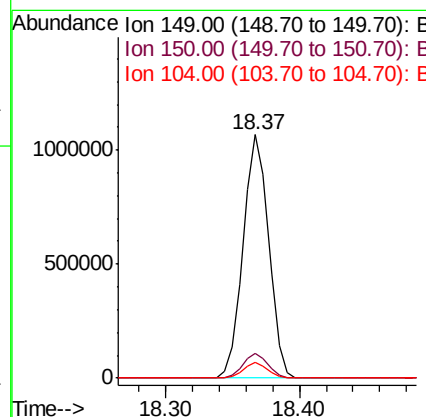
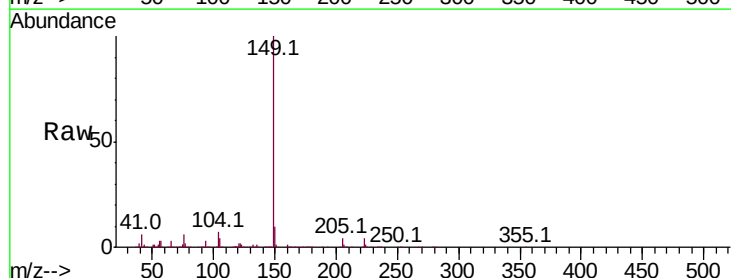
Ion	Ratio	Lower	Upper
167	100		
166	23.2	19.8	29.6
139	13.8	10.9	16.3

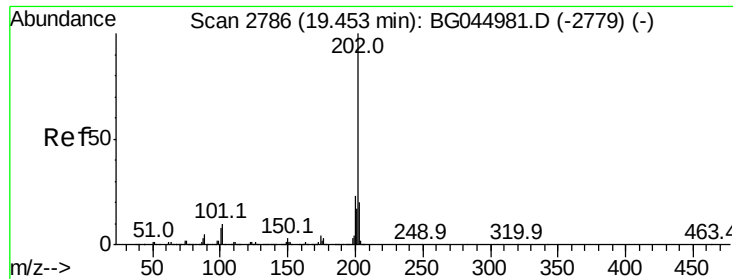


#74
 Di-n-butylphthalate
 Concen: 48.483 ng
 RT: 18.37 min Scan# 2601
 Delta R.T. -0.00 min
 Lab File: BG045010.D
 Acq: 16 Apr 2020 17:31

Tgt Ion:149 Resp: 1411416

Ion	Ratio	Lower	Upper
149	100		
150	10.2	8.2	12.2
104	6.5	4.8	7.2





#75

Fluoranthene

Concen: 50.340 ng

RT: 19.45 min Scan# 2785

Delta R.T. -0.00 min

Lab File: BG045010.D

Acq: 16 Apr 2020 17:31

Instrument :

BNA_G

ClientSampleId :

PB128228BS

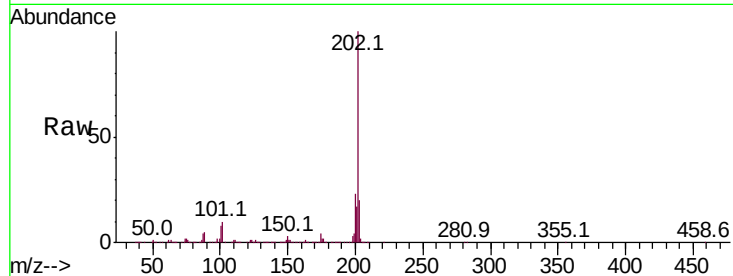
Tot Ion:202 Resp: 1546840

Ion	Ratio	Lower	Upper
202	100		
101	9.8	0.0	29.6
203	20.1	0.0	39.7

202 100

101 9.8 0.0 29.6

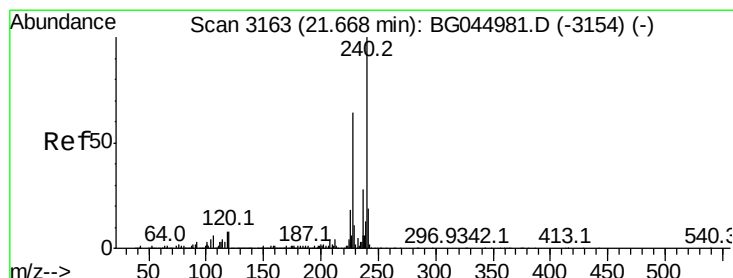
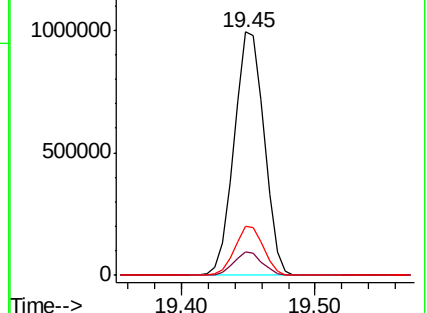
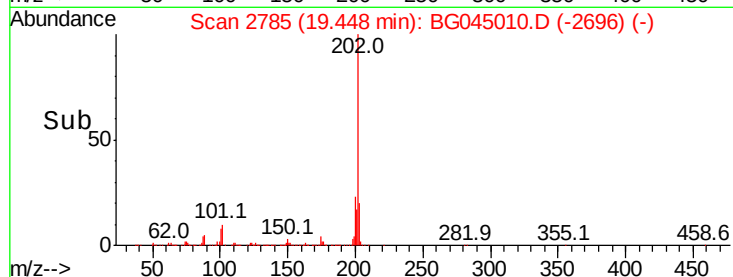
203 20.1 0.0 39.7



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: BG045010.D

Acq: 16 Apr 2020 17:31

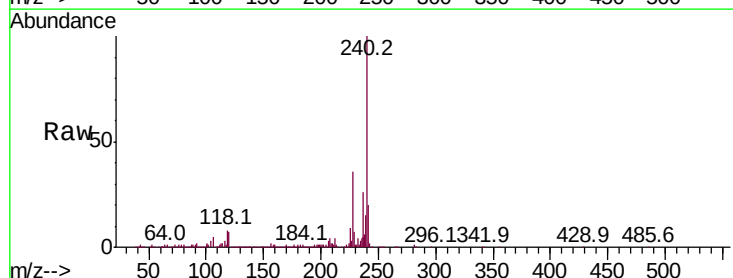
Tgt Ion:240 Resp: 477967

Ion	Ratio	Lower	Upper
240	100		
120	7.1	6.6	10.0
236	26.3	22.2	33.2

240 100

120 7.1 6.6 10.0

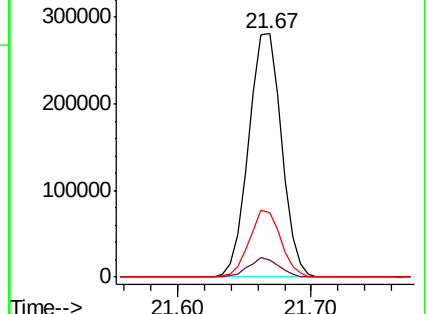
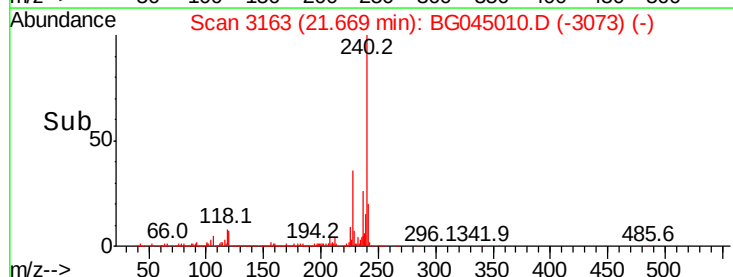
236 26.3 22.2 33.2

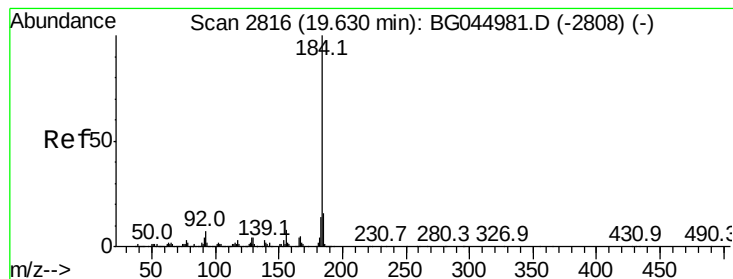


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 60.627 ng

RT: 19.62 min Scan# 2815

Delta R.T. -0.00 min

Lab File: BG045010.D

Acq: 16 Apr 2020 17:31

Instrument :

BNA_G

ClientSampleId :

PB128228BS

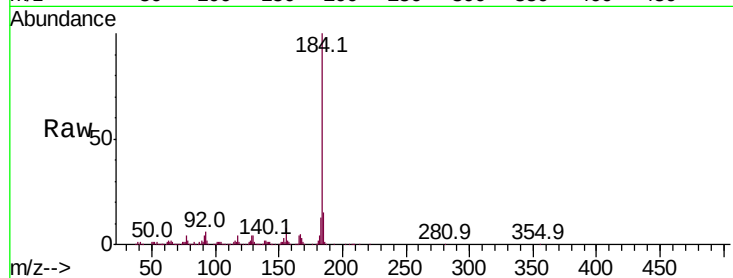
Tot Ion:184 Resp: 810682

Ion Ratio Lower Upper

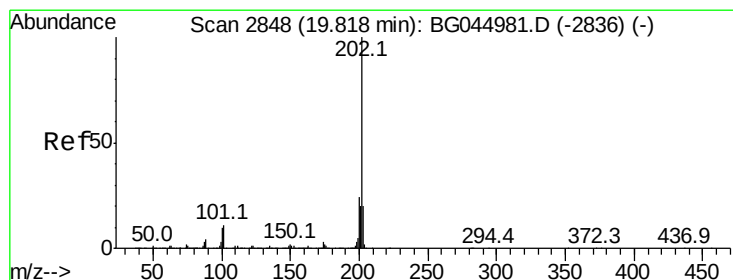
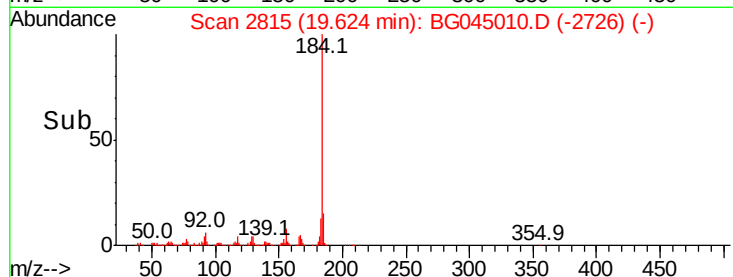
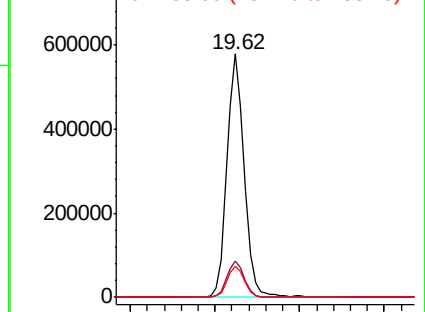
184 100

185 14.7 12.6 19.0

183 12.7 11.3 16.9



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 46.002 ng

RT: 19.81 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BG045010.D

Acq: 16 Apr 2020 17:31

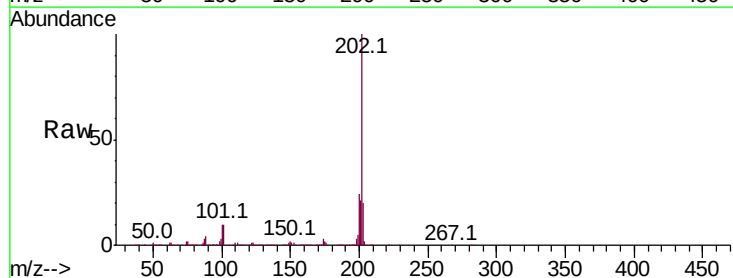
Tgt Ion:202 Resp: 1515827

Ion Ratio Lower Upper

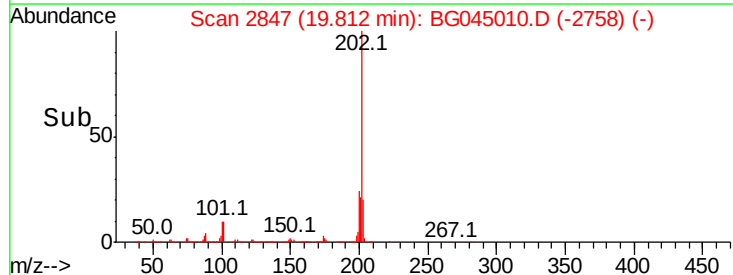
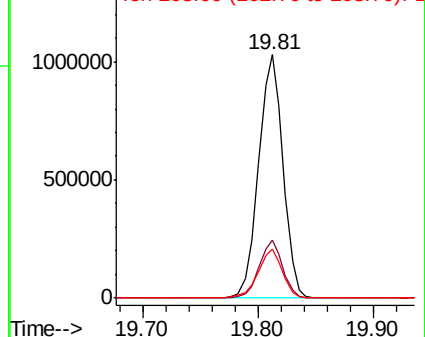
202 100

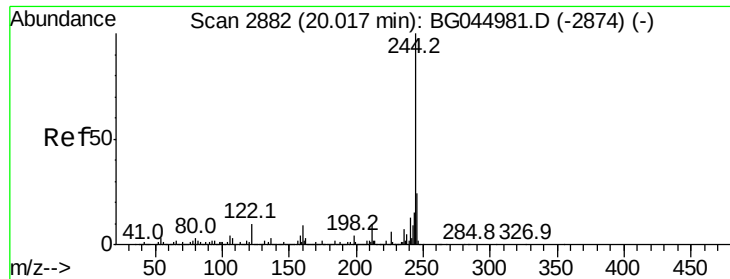
200 24.0 19.0 28.6

203 20.2 16.1 24.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 100.020 ng

RT: 20.01 min Scan# 2881

Delta R.T. -0.01 min

Lab File: BG045010.D

Acq: 16 Apr 2020 17:31

Instrument :

BNA_G

ClientSampleId :

PB128228BS

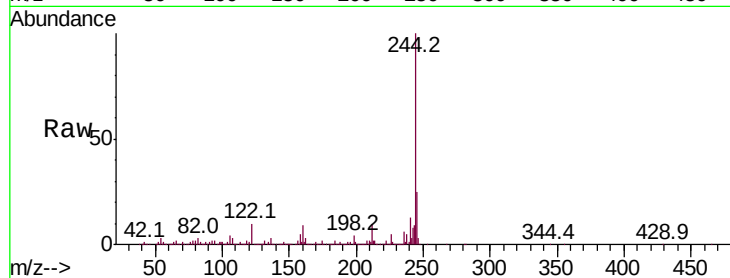
Tot Ion:244 Resp: 2193382

Ion Ratio Lower Upper

244 100

212 10.0 7.9 11.9

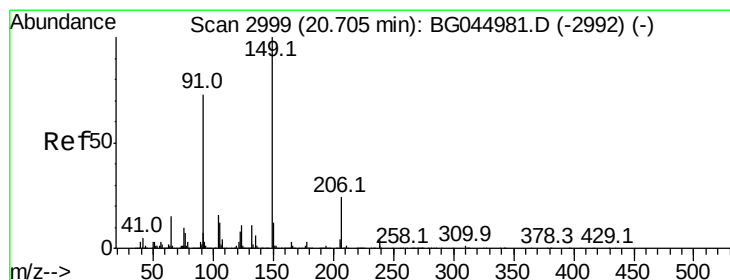
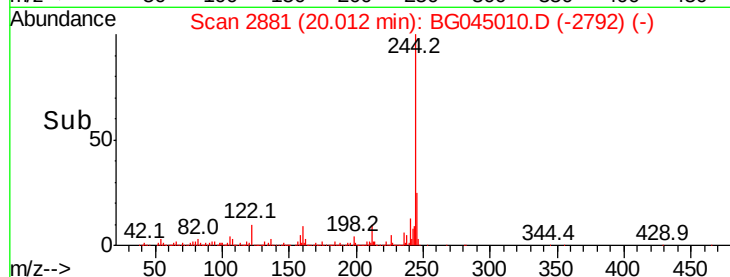
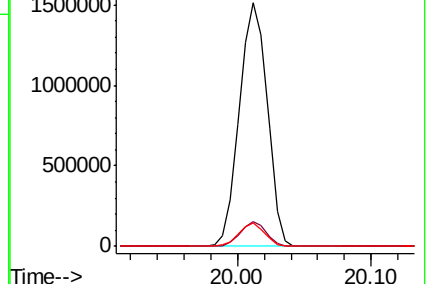
122 9.8 7.7 11.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 46.411 ng

RT: 20.70 min Scan# 2998

Delta R.T. -0.01 min

Lab File: BG045010.D

Acq: 16 Apr 2020 17:31

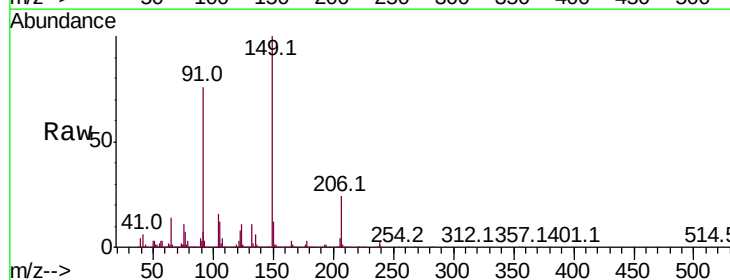
Tgt Ion:149 Resp: 633912

Ion Ratio Lower Upper

149 100

91 75.7 58.5 87.7

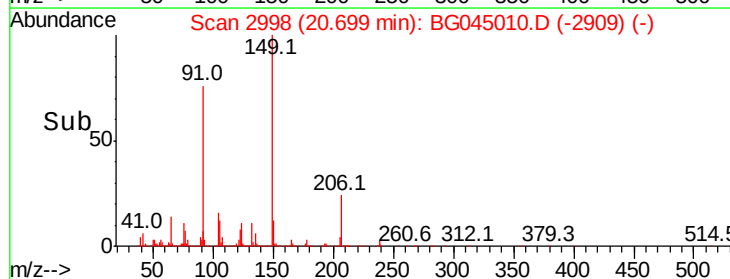
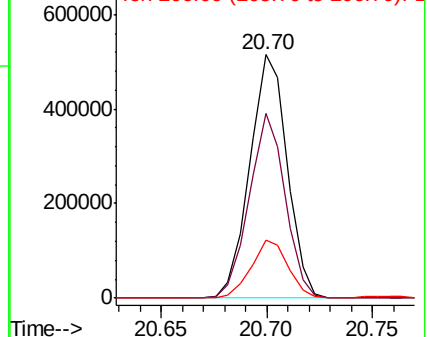
206 24.0 19.2 28.8

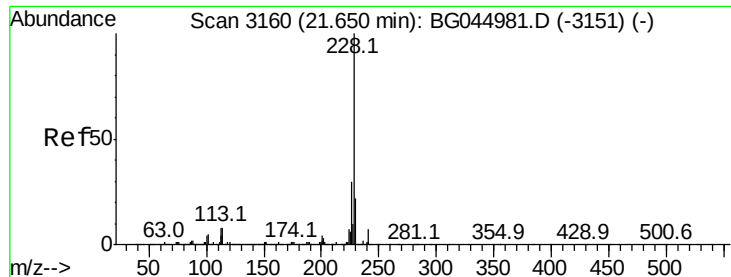


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 47.646 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.01 min

Lab File: BG045010.D

Acq: 16 Apr 2020 17:31

Instrument :

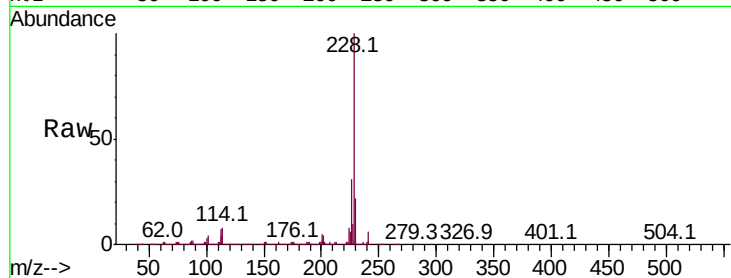
BNA_G

ClientSampleId :

PB128228BS

Tot Ion:228 Resp: 1476023

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.0	36.0
229	22.0	17.5	26.3

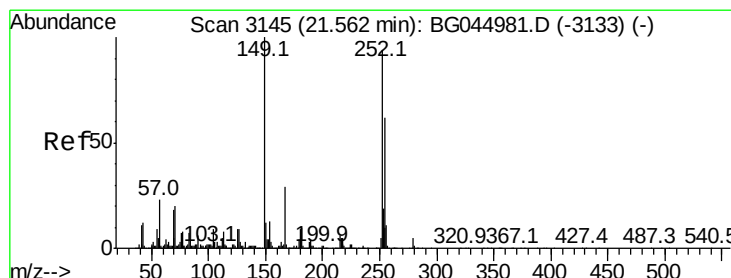
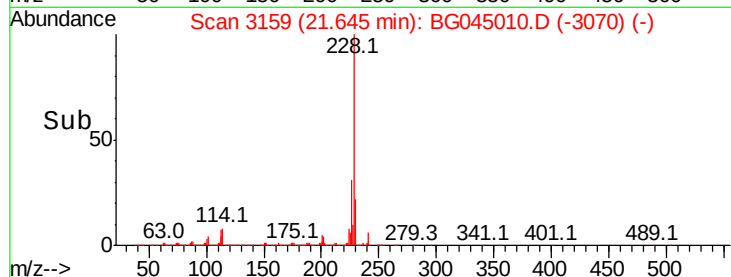
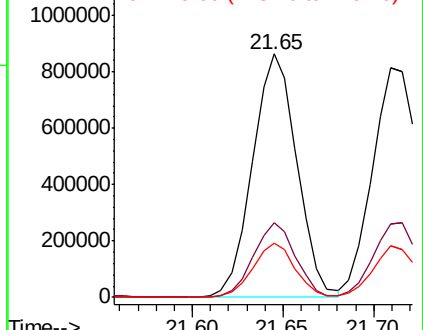


Abundance

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: 30.142 ng

RT: 21.56 min Scan# 3144

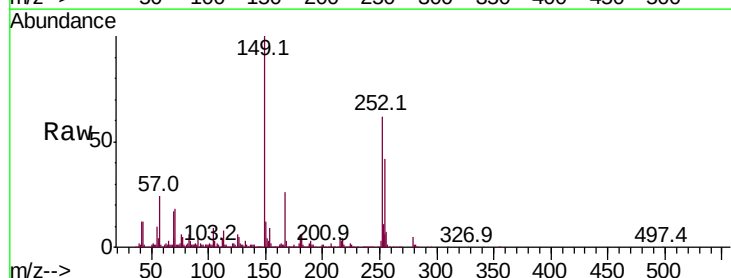
Delta R.T. -0.01 min

Lab File: BG045010.D

Acq: 16 Apr 2020 17:31

Tgt Ion:252 Resp: 371659

Ion	Ratio	Lower	Upper
252	100		
254	67.1	52.6	79.0
126	8.9	7.5	11.3

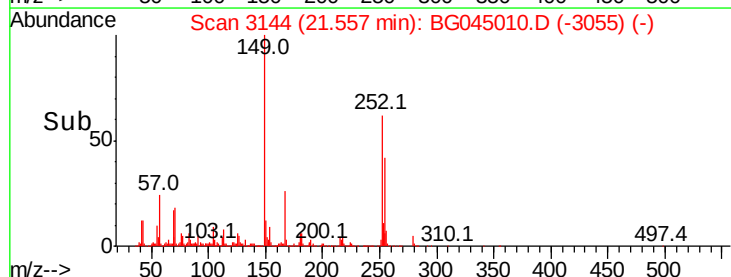
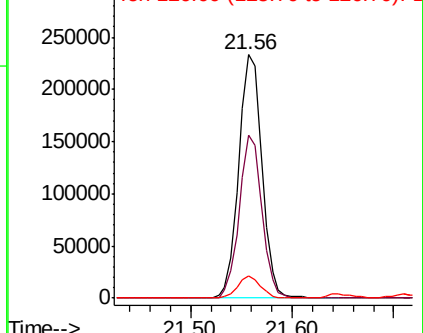


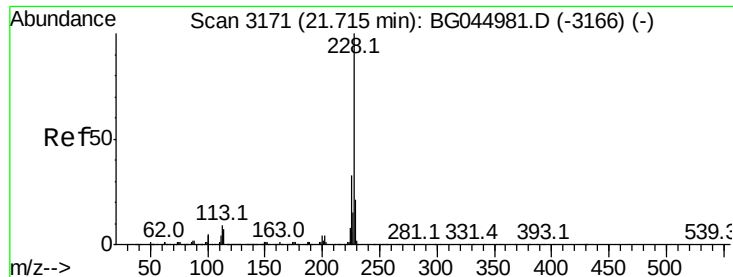
Abundance

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: 47.292 ng

RT: 21.71 min Scan# 3170

Delta R.T. -0.01 min

Lab File: BG045010.D

Acq: 16 Apr 2020 17:31

Instrument :

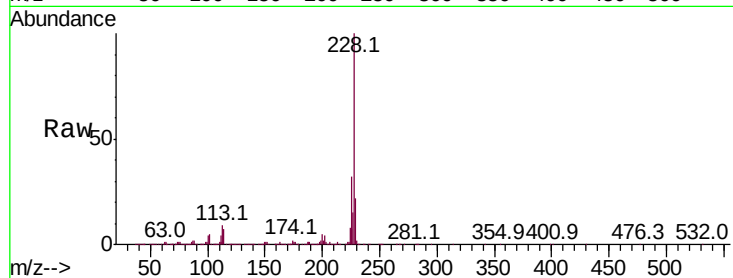
BNA_G

ClientSampleId :

PB128228BS

Tot Ion:228 Resp: 1407652

Ion	Ratio	Lower	Upper
228	100		
226	32.1	26.2	39.4
229	22.3	17.0	25.6

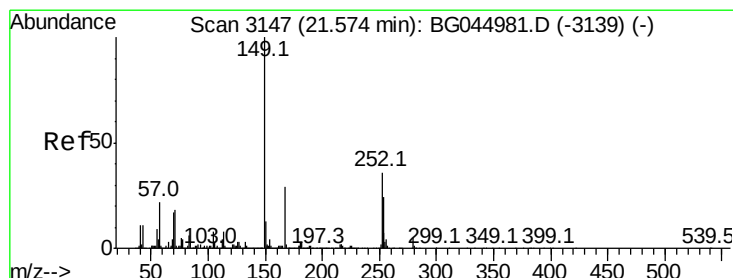
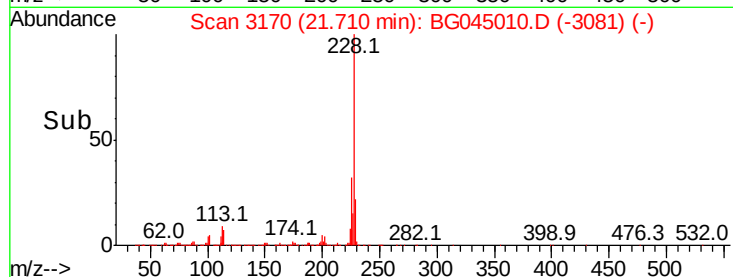
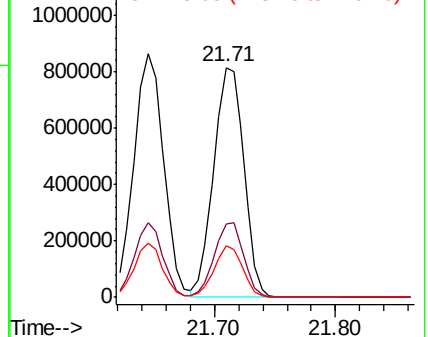


Abundance

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: 47.416 ng

RT: 21.57 min Scan# 3146

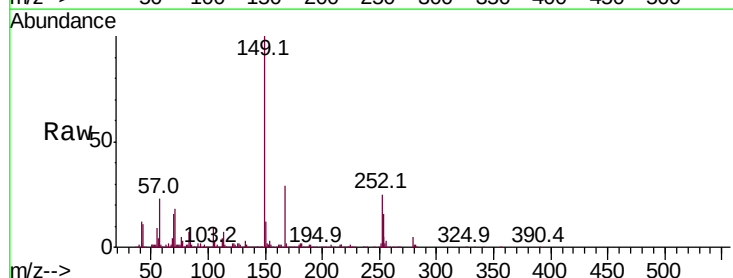
Delta R.T. -0.01 min

Lab File: BG045010.D

Acq: 16 Apr 2020 17:31

Tgt Ion:149 Resp: 890730

Ion	Ratio	Lower	Upper
149	100		
167	29.1	23.4	35.0
279	5.5	4.3	6.5

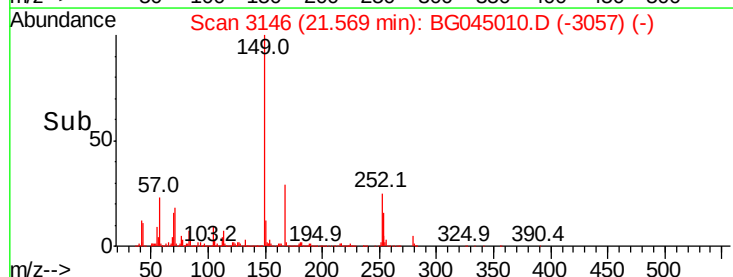
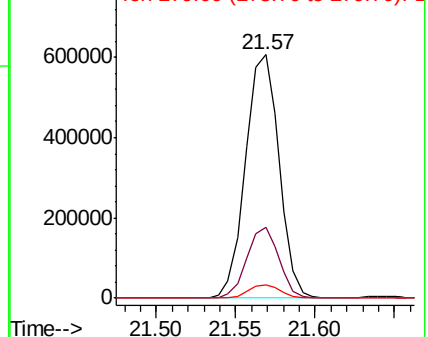


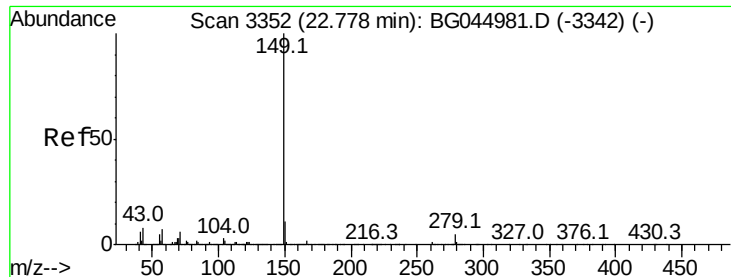
Abundance

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: 47.478 ng

RT: 22.77 min Scan# 3351

Delta R.T. -0.01 min

Lab File: BG045010.D

Acq: 16 Apr 2020 17:31

Instrument :

BNA_G

ClientSampleId :

PB128228BS

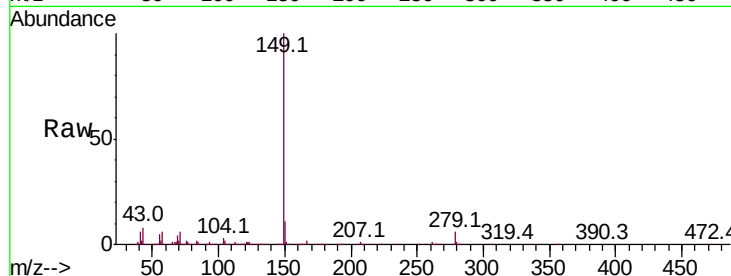
Tot Ion:149 Resp: 1542298

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.2

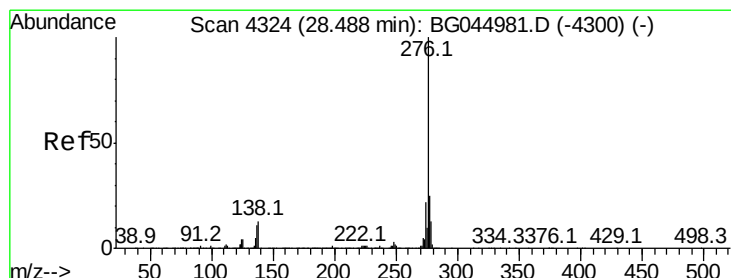
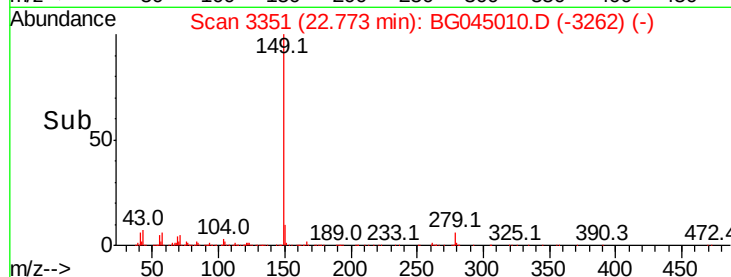
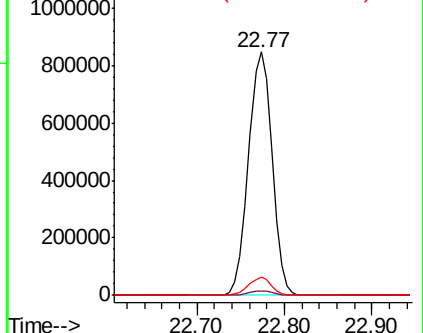
43 7.3 5.7 8.5



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: 49.124 ng

RT: 28.47 min Scan# 4321

Delta R.T. -0.02 min

Lab File: BG045010.D

Acq: 16 Apr 2020 17:31

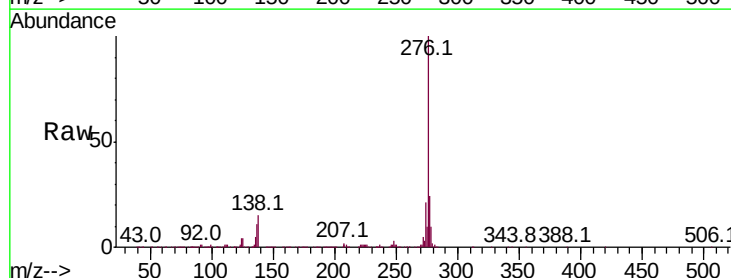
Tgt Ion:276 Resp: 1941313

Ion Ratio Lower Upper

276 100

138 12.0 9.6 14.4

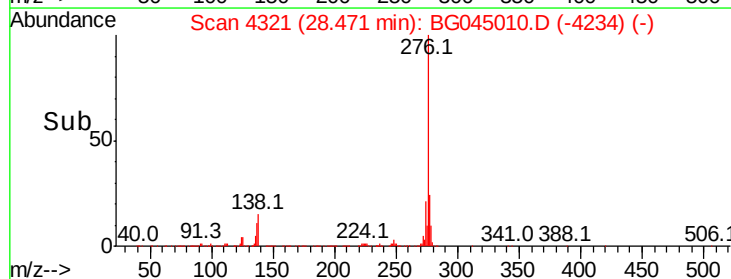
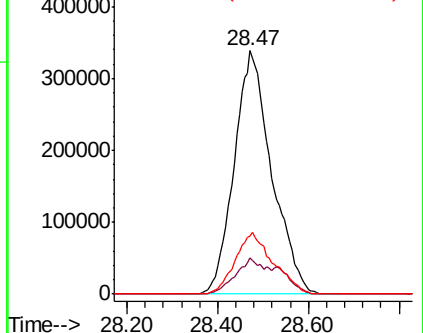
277 25.7 20.6 31.0

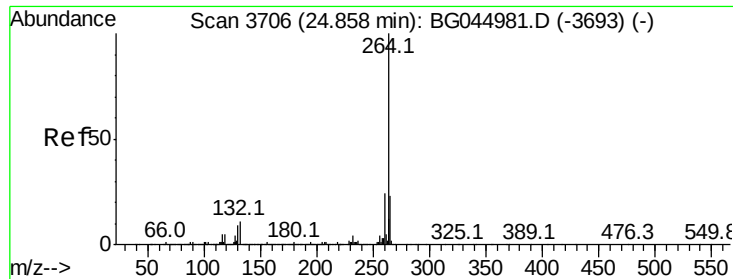


Abundance Ion 276.00 (275.70 to 276.70): E

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. -0.01 min

Lab File: BG045010.D

Acq: 16 Apr 2020 17:31

Instrument :

BNA_G

ClientSampleId :

PB128228BS

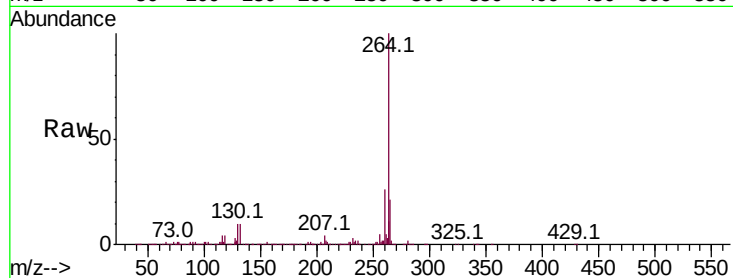
Tot Ion:264 Resp: 546118

Ion Ratio Lower Upper

264 100

260 25.6 19.2 28.8

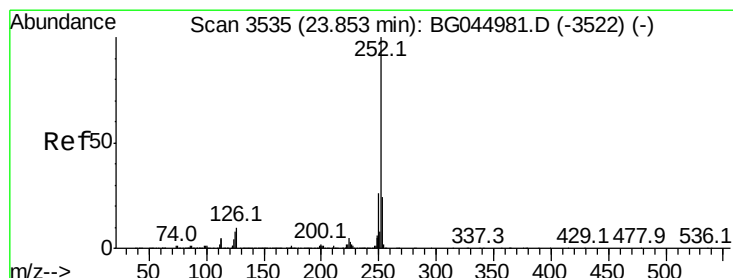
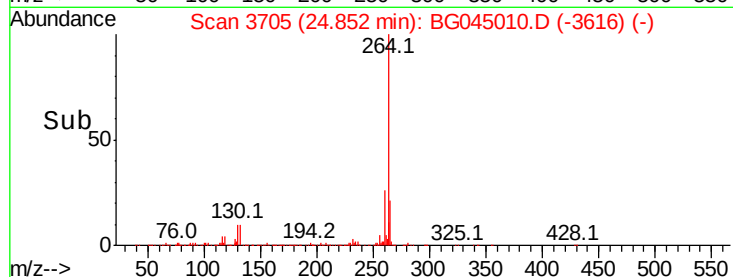
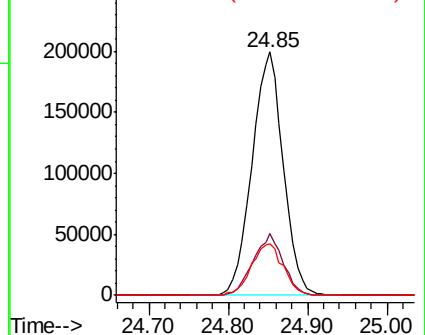
265 21.3 19.0 28.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 46.961 ng

RT: 23.85 min Scan# 3534

Delta R.T. -0.01 min

Lab File: BG045010.D

Acq: 16 Apr 2020 17:31

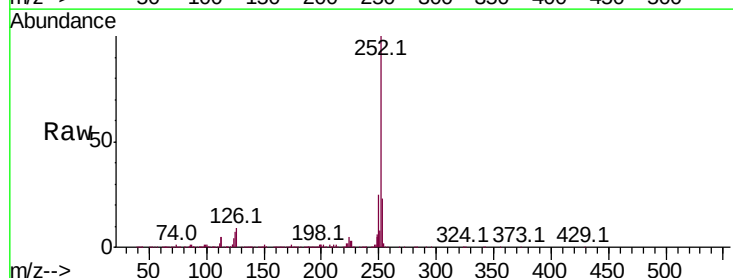
Tgt Ion:252 Resp: 1606461

Ion Ratio Lower Upper

252 100

253 23.3 18.8 28.2

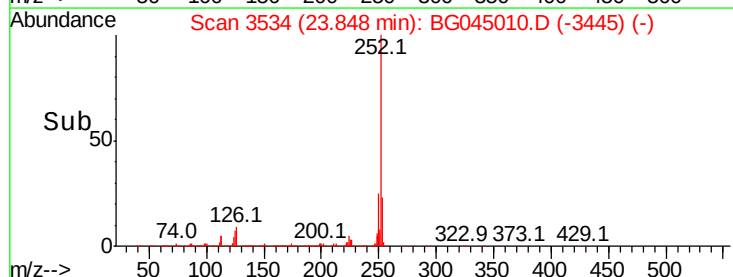
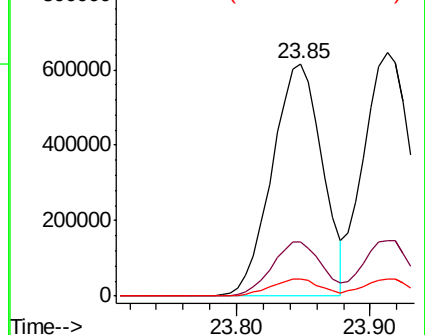
125 7.3 6.2 9.4

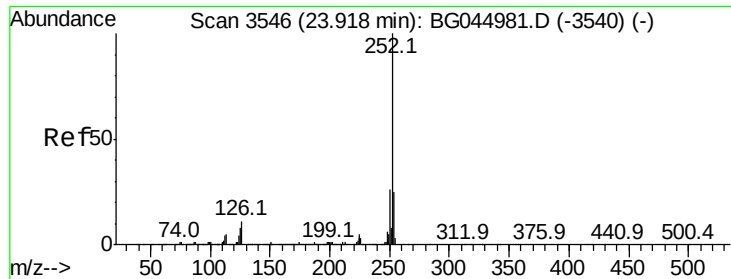


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 48.186 ng

RT: 23.91 min Scan# 3545

Delta R.T. -0.01 min

Lab File: BG045010.D

Acq: 16 Apr 2020 17:31

Instrument :

BNA_G

ClientSampleId :

PB128228BS

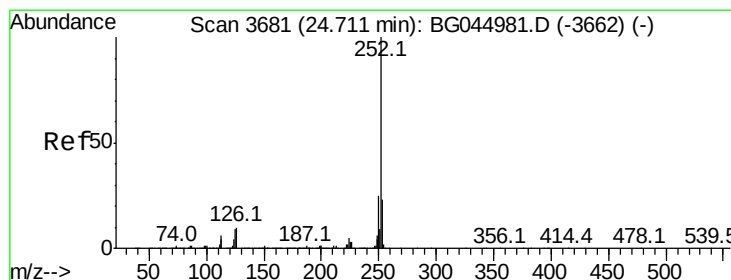
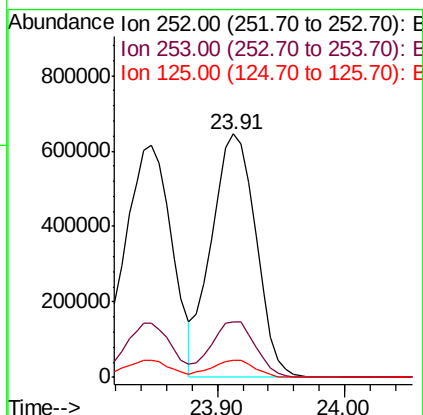
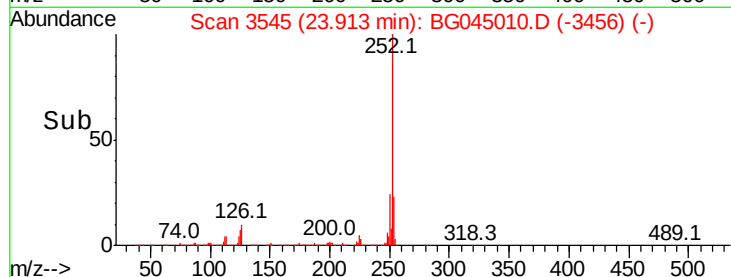
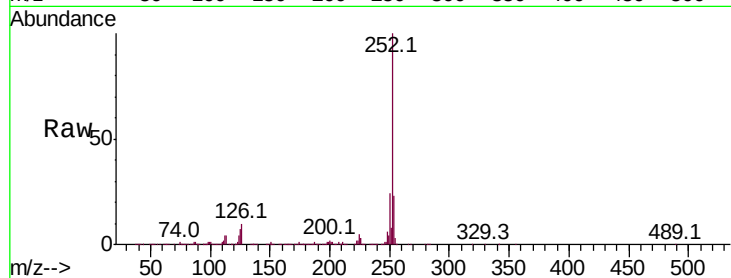
Tot Ion:252 Resp: 1567620

Ion Ratio Lower Upper

252 100

253 22.8 19.2 28.8

125 7.2 5.9 8.9



#90

Benzo(a)pyrene

Concen: 46.428 ng

RT: 24.71 min Scan# 3680

Delta R.T. -0.01 min

Lab File: BG045010.D

Acq: 16 Apr 2020 17:31

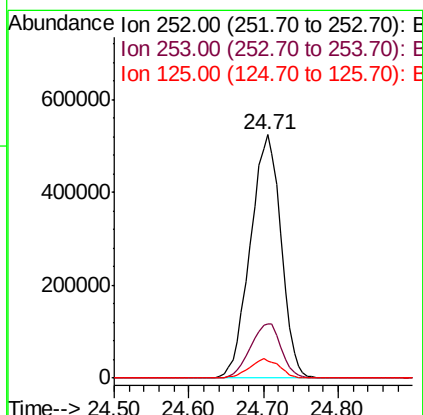
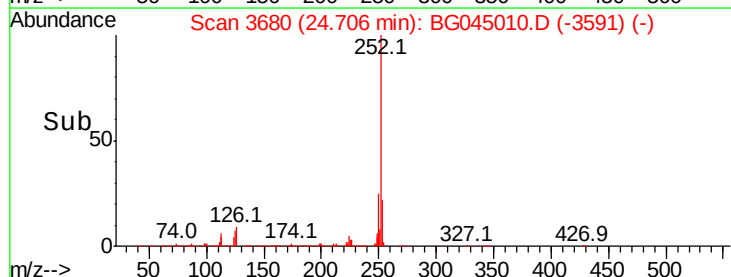
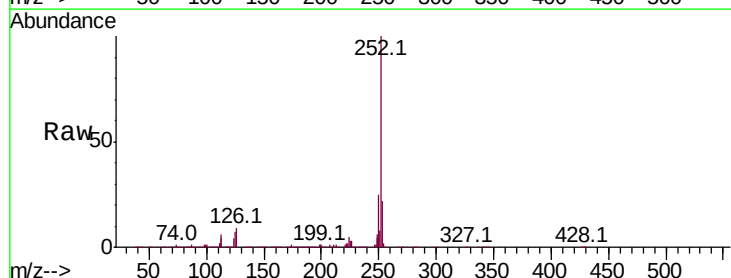
Tgt Ion:252 Resp: 1499538

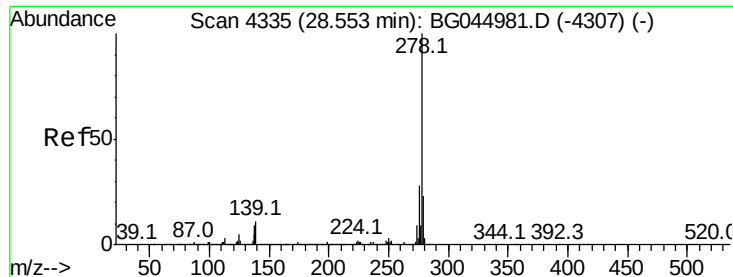
Ion Ratio Lower Upper

252 100

253 22.3 18.3 27.5

125 6.9 7.0 10.6#





#91

Dibenzo(a,h)anthracene

Concen: 48.133 ng

RT: 28.54 min Scan# 4333

Delta R.T. -0.01 min

Lab File: BG045010.D

Acq: 16 Apr 2020 17:31

Instrument :

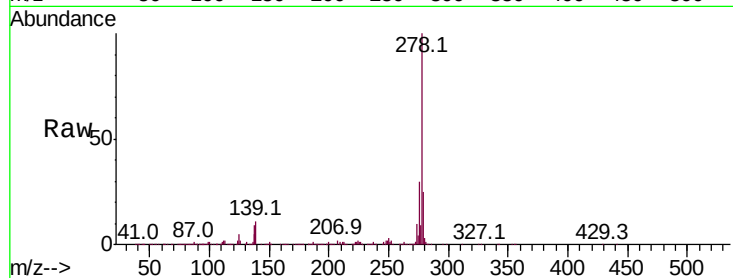
BNA_G

ClientSampleId :

PB128228BS

Tot Ion:278 Resp: 1566487

Ion	Ratio	Lower	Upper
278	100		
139	10.8	9.0	13.6
279	24.8	18.4	27.6

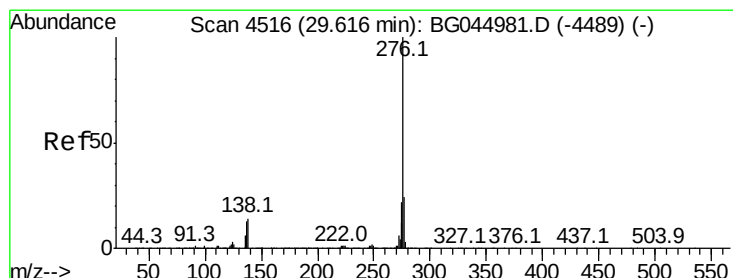
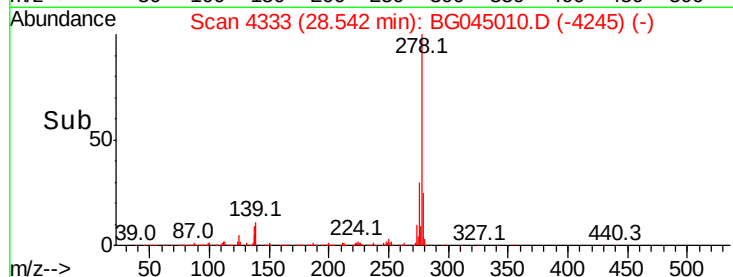
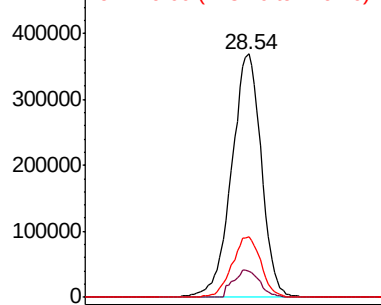


Abundance

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: 48.671 ng

RT: 29.60 min Scan# 4513

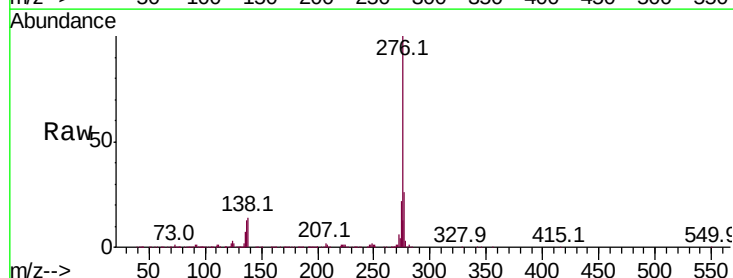
Delta R.T. -0.02 min

Lab File: BG045010.D

Acq: 16 Apr 2020 17:31

Tgt Ion:276 Resp: 1588071

Ion	Ratio	Lower	Upper
276	100		
277	25.7	19.3	28.9
138	14.3	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

