

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG042420\
 Data File : BG045161.D
 Acq On : 24 Apr 2020 15:02
 Operator : CG/JU
 Sample : PB128472BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB128245BS

Quant Time: Apr 24 15:45:20 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 24 13:00:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	62610	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	256386	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	183180	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	452690	20.00	ng	0.00
76) Chrysene-d12	21.65	240	433078	20.00	ng	0.00
87) Perylene-d12	24.82	264	470030	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.57	112	521203	137.43	ng	0.00
7) Phenol-d6	7.17	99	744479	132.13	ng	0.00
23) Nitrobenzene-d5	9.16	82	475001	84.54	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	373540	132.00	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	1099903	88.04	ng	0.00
79) Terphenyl-d14	19.99	244	1957527	98.52	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.46	88	65164	38.664	ng	97
3) Pyridine	3.86	79	186694	35.977	ng	95
4) n-Nitrosodimethylamine	3.77	42	75890	47.739	ng	94
6) Aniline	7.32	93	241771	33.002	ng	100
8) 2-Chlorophenol	7.56	128	198080	48.599	ng	96
9) Benzaldehyde	7.13	77	90610	25.037	ng	90
10) Phenol	7.19	94	266870	47.331	ng	95
11) bis(2-Chloroethyl)ether	7.42	93	187022	41.661	ng	97
12) 1,3-Dichlorobenzene	7.89	146	212865	44.321	ng	98
13) 1,4-Dichlorobenzene	8.03	146	214780	44.880	ng	97
14) 1,2-Dichlorobenzene	8.36	146	204917	44.758	ng	97
15) Benzyl Alcohol	8.23	79	202241	42.811	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.53	45	167173	37.937	ng	97
17) 2-Methylphenol	8.45	107	181710	41.770	ng	94
18) Hexachloroethane	9.09	117	82144	45.659	ng	96
19) n-Nitroso-di-n-propylamine	8.80	70	165474	41.527	ng	97
20) 3+4-Methylphenols	8.77	107	253073	41.562	ng	99
22) Acetophenone	8.82	105	300644	43.362	ng	99
24) Nitrobenzene	9.20	77	255389	44.341	ng	97
25) Isophorone	9.73	82	464066	40.330	ng	98
26) 2-Nitrophenol	9.91	139	116886	47.114	ng	98
27) 2,4-Dimethylphenol	9.98	122	185005	46.997	ng	98
28) bis(2-Chloroethoxy)methane	10.21	93	260844	43.144	ng	99
29) 2,4-Dichlorophenol	10.46	162	214933	47.285	ng	99
30) 1,2,4-Trichlorobenzene	10.67	180	225518	43.820	ng	96
31) Naphthalene	10.86	128	613896	43.770	ng	98
32) Benzoic acid	10.12	122	104265	34.807	ng	96
33) 4-Chloroaniline	10.97	127	120195	18.376	ng	97
34) Hexachlorobutadiene	11.15	225	150200	42.568	ng	94
35) Caprolactam	11.73	113	37627	20.799	ng	92
36) 4-Chloro-3-methylphenol	12.09	107	246759	46.212	ng	99
37) 2-Methylnaphthalene	12.46	142	472186	43.374	ng	97
38) 1-Methylnaphthalene	12.46	142	472186	45.945	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	261415	44.323	ng	99

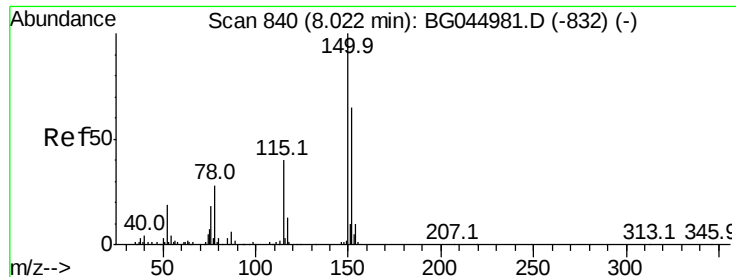
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG042420\
 Data File : BG045161.D
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 Operator : CG/JU
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 24 13:00:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	383792	104.113	ng	99
43) 2,4,6-Trichlorophenol	13.07	196	194279	46.673	ng	92
44) 2,4,5-Trichlorophenol	13.15	196	208462	43.997	ng	98
46) 1,1'-Biphenyl	13.47	154	604844	43.442	ng	99
47) 2-Chloronaphthalene	13.52	162	466594	43.859	ng	98
48) 2-Nitroaniline	13.71	65	155921	44.545	ng	98
49) Acenaphthylene	14.36	152	772517	44.580	ng	99
50) Dimethylphthalate	14.09	163	661032	44.319	ng	99
51) 2,6-Dinitrotoluene	14.20	165	152498	45.711	ng	94
52) Acenaphthene	14.70	154	492273	41.987	ng	98
53) 3-Nitroaniline	14.54	138	90258	24.668	ng	95
54) 2,4-Dinitrophenol	14.74	184	204144	102.907	ng	96
55) Dibenzofuran	15.04	168	762979	44.636	ng	97
56) 4-Nitrophenol	14.85	139	250367	88.250	ng	93
57) 2,4-Dinitrotoluene	15.00	165	217793	44.672	ng	97
58) Fluorene	15.69	166	638986	45.765	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.27	232	207968	49.330	ng	98
60) Diethylphthalate	15.46	149	681364	43.816	ng	98
61) 4-Chlorophenyl-phenylether	15.68	204	349155	43.446	ng	99
62) 4-Nitroaniline	15.70	138	158837	41.854	ng	94
63) Azobenzene	15.97	77	642044	44.782	ng	97
65) 4,6-Dinitro-2-methylphenol	15.76	198	146031	49.077	ng	100
66) n-Nitrosodiphenylamine	15.89	169	576011	44.286	ng	99
67) 4-Bromophenyl-phenylether	16.58	248	246242	42.164	ng	98
68) Hexachlorobenzene	16.70	284	266992	44.081	ng	97
69) Atrazine	16.84	200	243520	52.084	ng	98
70) Pentachlorophenol	17.04	266	324437	87.316	ng	98
71) Phenanthrene	17.43	178	1044106	44.884	ng	98
72) Anthracene	17.52	178	1080227	46.293	ng	99
73) Carbazole	17.79	167	1019631	43.058	ng	99
74) Di-n-butylphthalate	18.35	149	1206958	47.107	ng	100
75) Fluoranthene	19.44	202	1319376	48.771	ng	99
77) Benzidine	19.61	184	616344	49.767	ng	97
78) Pyrene	19.79	202	1322590	44.298	ng	99
80) Butylbenzylphthalate	20.69	149	538380	43.502	ng	99
81) Benzo(a)anthracene	21.63	228	1244399	44.333	ng	99
82) 3,3'-Dichlorobenzidine	21.55	252	282336	25.271	ng	# 99
83) Chrysene	21.70	228	1202539	44.588	ng	98
84) Bis(2-ethylhexyl)phthalate	21.55	149	742340	43.613	ng	100
85) Di-n-octyl phthalate	22.74	149	1245080	42.301	ng	100
86) Indeno(1,2,3-cd)pyrene	28.43	276	1558763	43.532	ng	100
88) Benzo(b)fluoranthene	23.82	252	1317255	44.740	ng	99
89) Benzo(k)fluoranthene	23.89	252	1295286	46.261	ng	98
90) Benzo(a)pyrene	24.68	252	1233586	44.376	ng	98
91) Dibenzo(a,h)anthracene	28.50	278	1270036	45.341	ng	97
92) Benzo(g,h,i)perylene	29.56	276	1268544	45.172	ng	98

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

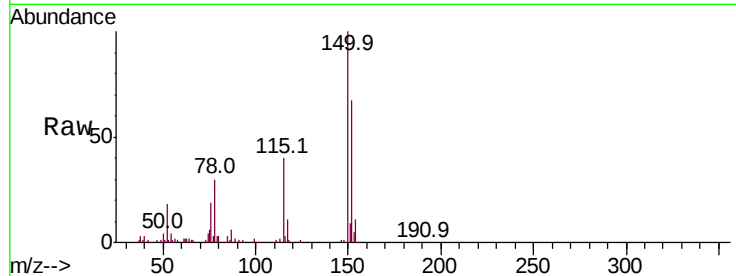


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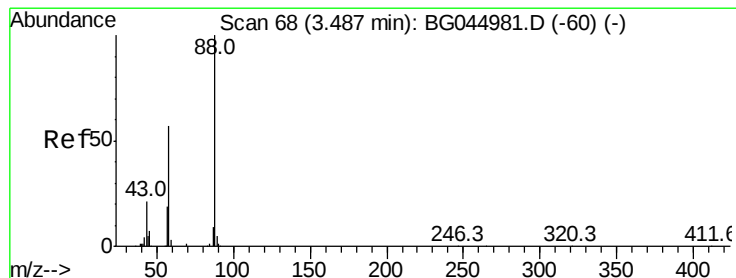
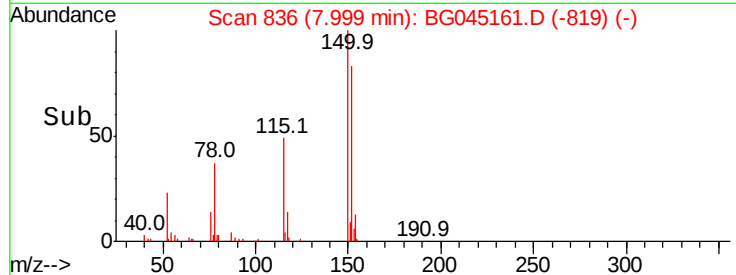
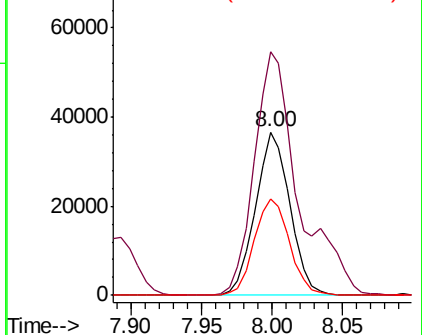
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.00 min
Lab File: BG045161.D
Acq: 24 Apr 2020 15:02

Instrument :
BNA_G
ClientSampleId :
PB128245BS

Tot Ion:152 Resp: 62610
Ion Ratio Lower Upper
152 100
150 149.4 123.6 185.4
115 59.2 49.1 73.7



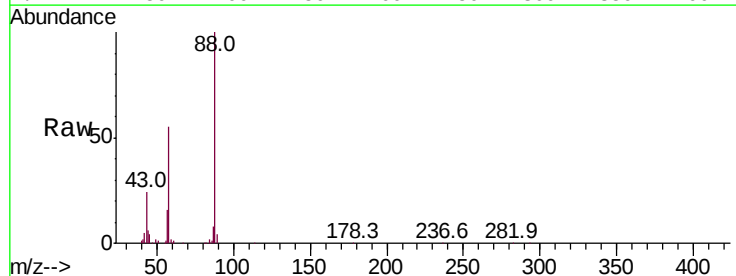
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



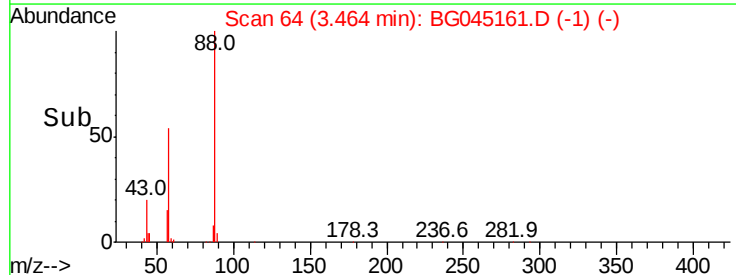
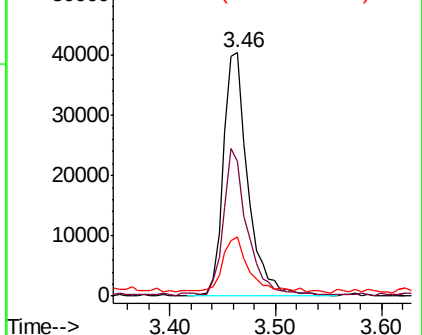
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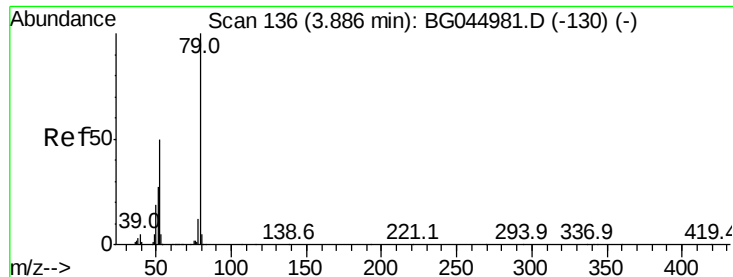
1,4-Dioxane
Concen: 38.664 ng
RT: 3.46 min Scan# 64
Delta R.T. -0.00 min
Lab File: BG045161.D
Acq: 24 Apr 2020 15:02

Tgt Ion: 88 Resp: 65164
Ion Ratio Lower Upper
88 100
58 57.2 46.6 69.8
43 25.5 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: 35.977 ng

RT: 3.86 min Scan# 131

Delta R.T. -0.01 min

Lab File: BG045161.D

Acq: 24 Apr 2020 15:02

Instrument :

BNA_G

ClientSampleId :

PB128245BS

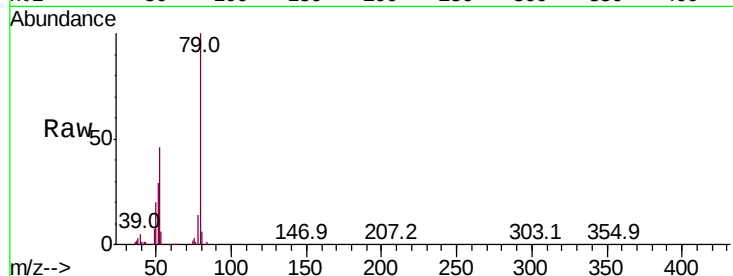
Tot Ion: 79 Resp: 186694

Ion Ratio Lower Upper

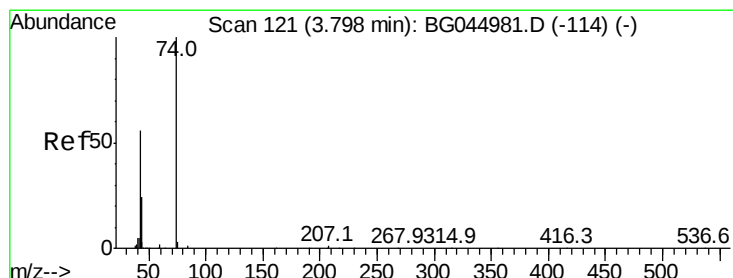
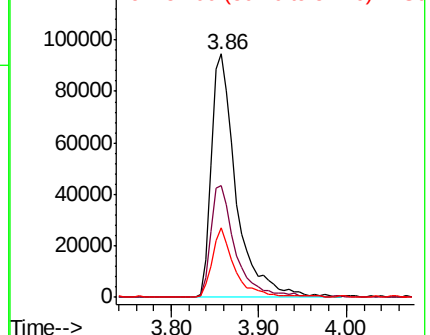
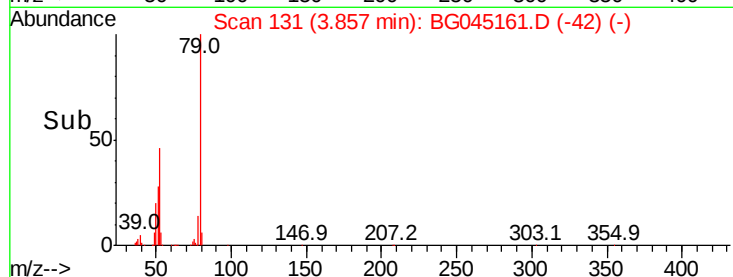
79 100

52 46.0 39.8 59.6

51 28.6 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: 47.739 ng

RT: 3.77 min Scan# 116

Delta R.T. -0.01 min

Lab File: BG045161.D

Acq: 24 Apr 2020 15:02

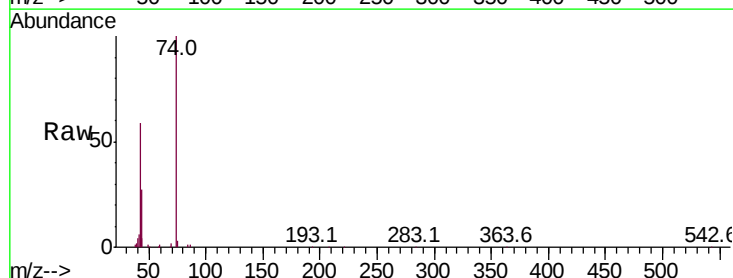
Tgt Ion: 42 Resp: 75890

Ion Ratio Lower Upper

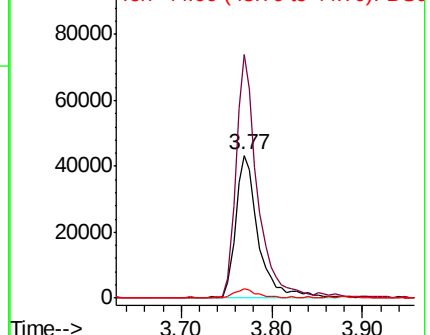
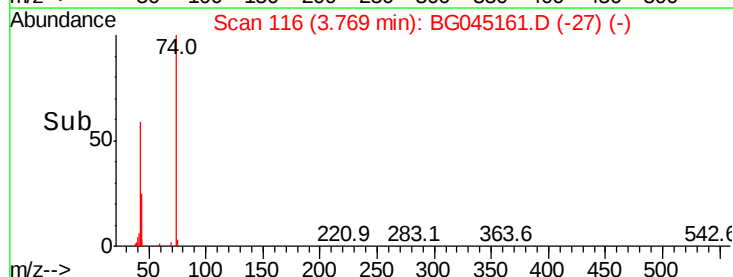
42 100

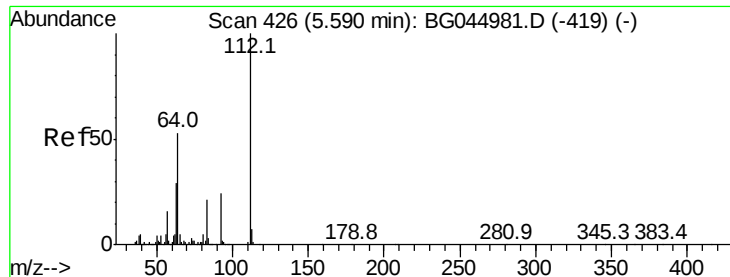
74 170.4 143.0 214.6

44 6.4 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: 137.435 ng

RT: 5.57 min Scan# 423

Delta R.T. -0.00 min

Lab File: BG045161.D

Acq: 24 Apr 2020 15:02

Instrument :

BNA_G

ClientSampleId :

PB128245BS

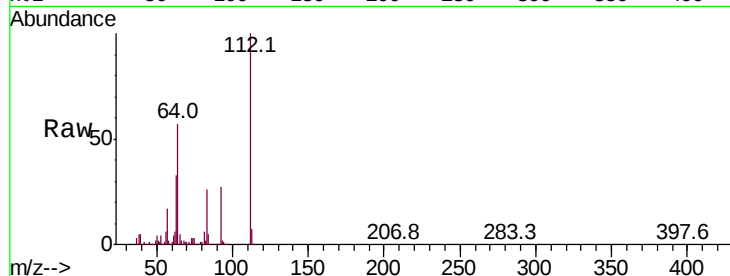
Tot Ion:112 Resp: 521203

Ion Ratio Lower Upper

112 100

64 56.7 42.4 63.6

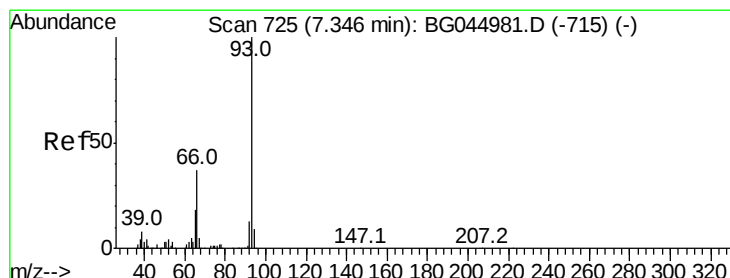
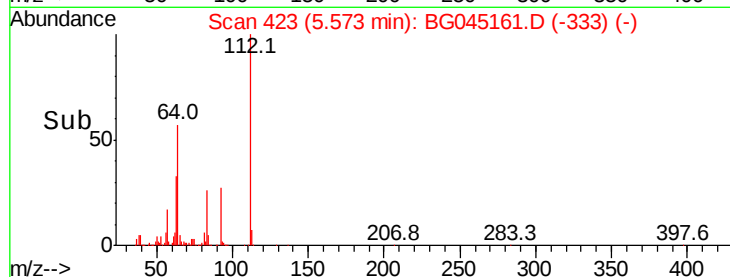
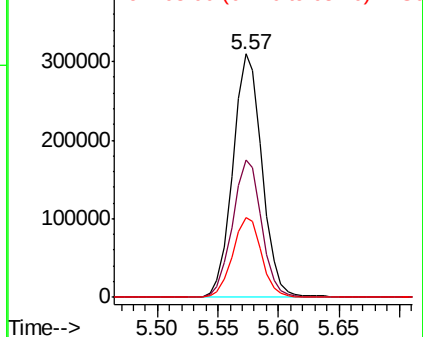
63 32.9 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 33.002 ng

RT: 7.32 min Scan# 721

Delta R.T. -0.00 min

Lab File: BG045161.D

Acq: 24 Apr 2020 15:02

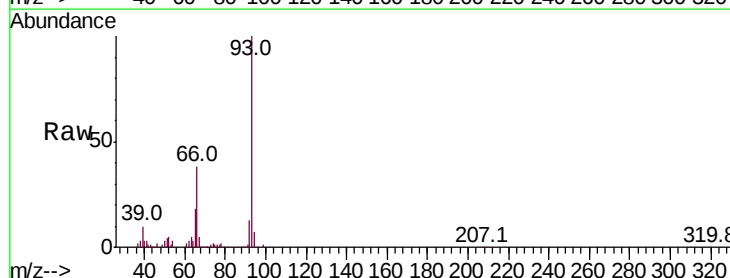
Tgt Ion: 93 Resp: 241771

Ion Ratio Lower Upper

93 100

66 37.5 29.8 44.8

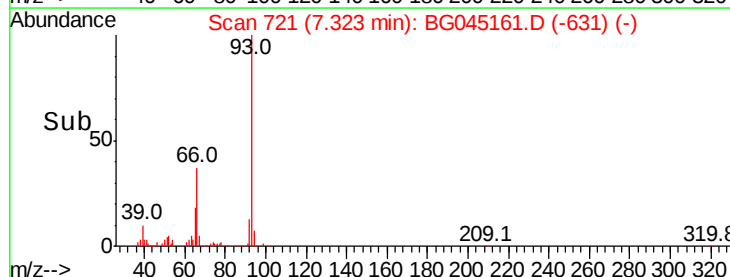
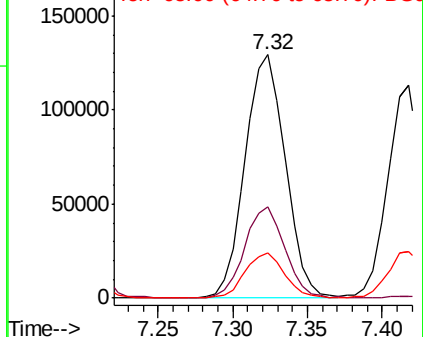
65 18.5 14.6 22.0



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: 132.128 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.00 min

Lab File: BG045161.D

Acq: 24 Apr 2020 15:02

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ClientSampleId :

PB128245BS

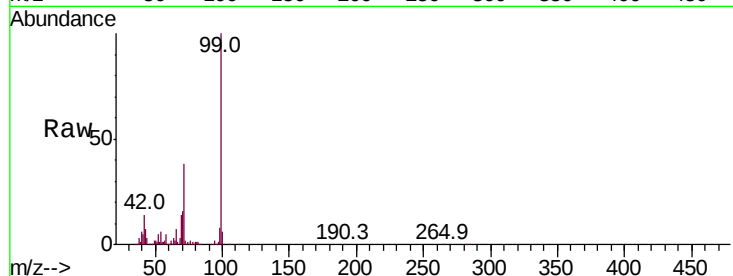
Tot Ion: 99 Resp: 744479

Ion Ratio Lower Upper

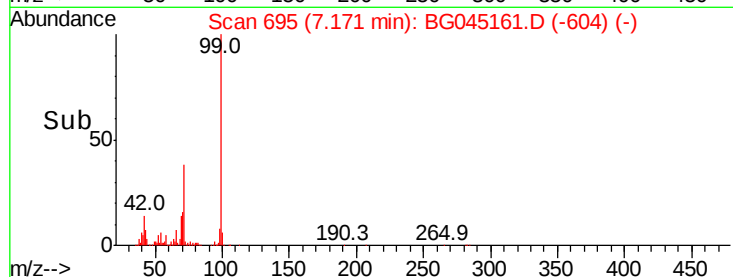
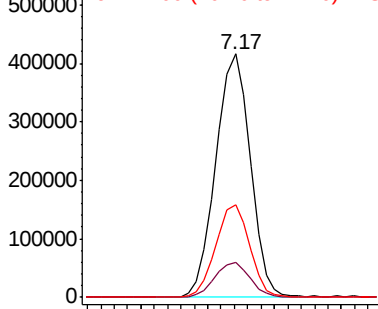
99 100

42 14.3 11.3 16.9

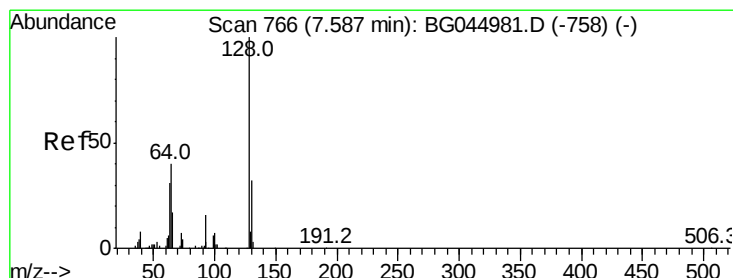
71 37.9 28.3 42.5



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



Time-->



#8

2-Chlorophenol

Concen: 48.599 ng

RT: 7.56 min Scan# 762

Delta R.T. -0.00 min

Lab File: BG045161.D

Acq: 24 Apr 2020 15:02

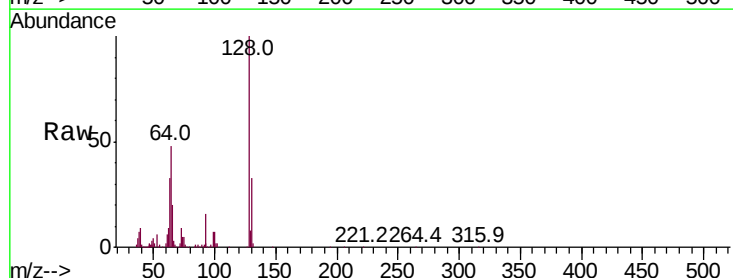
Tgt Ion: 128 Resp: 198080

Ion Ratio Lower Upper

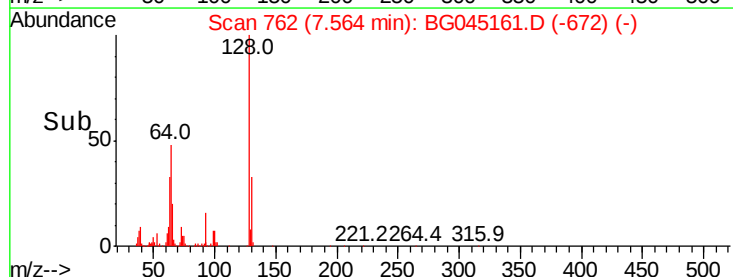
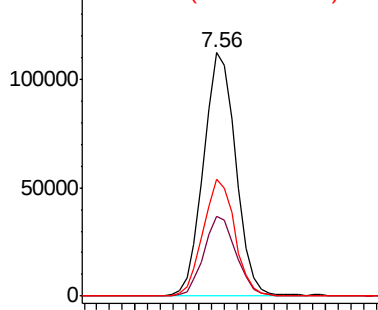
128 100

130 33.0 12.3 52.3

64 48.1 24.4 64.4



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



Time-->



#9

Benzaldehyde

Concen: 25.037 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.00 min

Lab File: BG045161.D

Acq: 24 Apr 2020 15:02

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PB128245BS

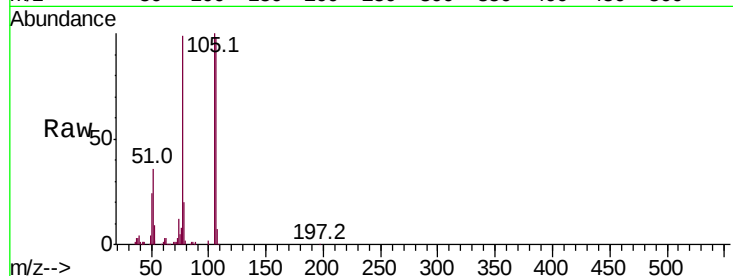
Tot Ion: 77 Resp: 90610

Ion Ratio Lower Upper

77 100

105 100.7 72.9 112.9

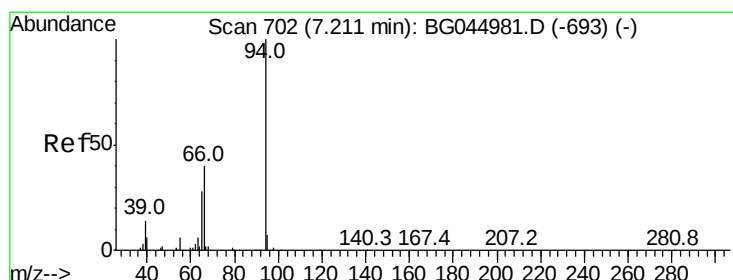
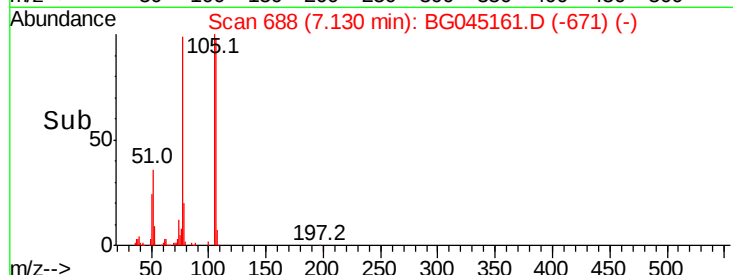
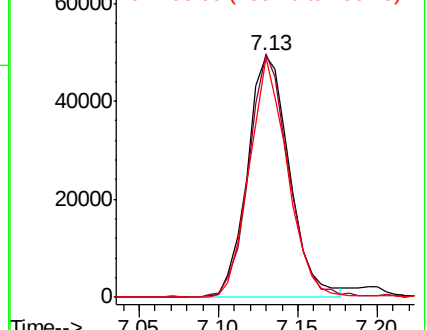
106 99.2 67.6 107.6



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 47.331 ng

RT: 7.19 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG045161.D

Acq: 24 Apr 2020 15:02

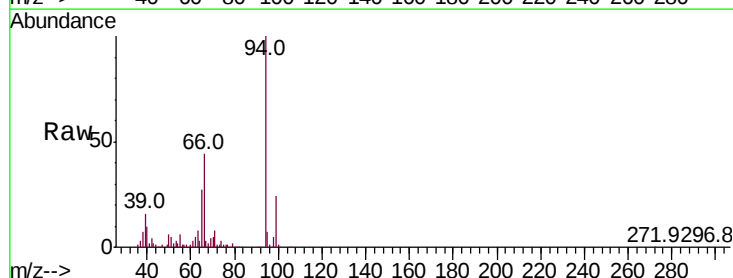
Tgt Ion: 94 Resp: 266870

Ion Ratio Lower Upper

94 100

65 26.7 8.2 48.2

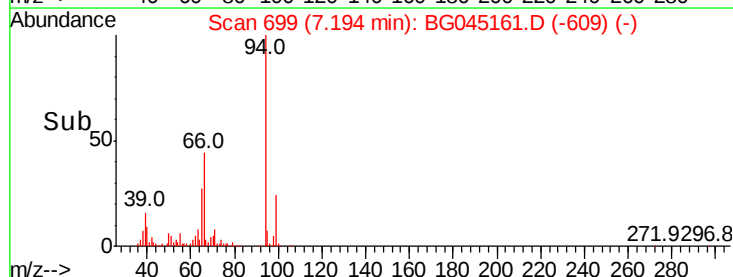
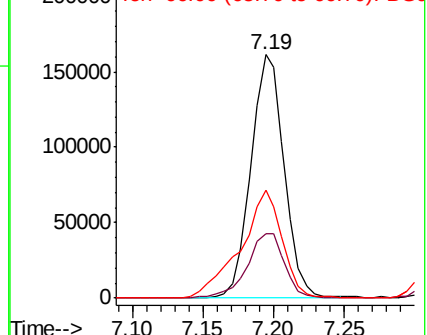
66 44.2 20.4 60.4

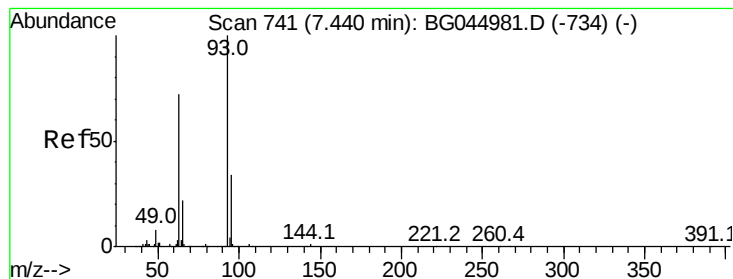


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 41.661 ng

RT: 7.42 min Scan# 737

Delta R.T. -0.00 min

Lab File: BG045161.D

Acq: 24 Apr 2020 15:02

Instrument :

BNA_G

ClientSampleId :

PB128245BS

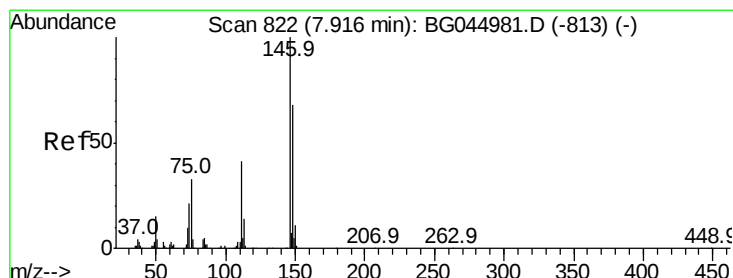
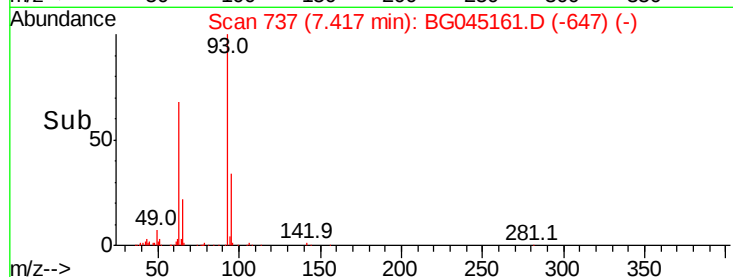
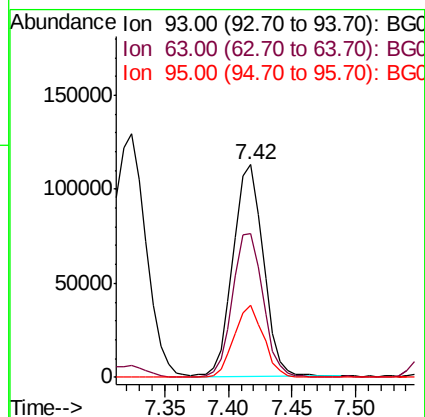
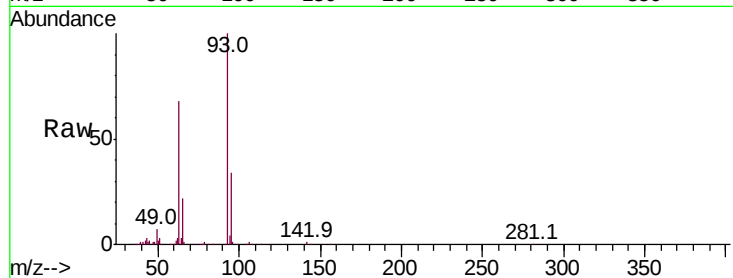
Tot Ion: 93 Resp: 187022

Ion Ratio Lower Upper

93 100

63 67.8 51.8 91.8

95 34.0 13.8 53.8



#12

1,3-Dichlorobenzene

Concen: 44.321 ng

RT: 7.89 min Scan# 817

Delta R.T. -0.01 min

Lab File: BG045161.D

Acq: 24 Apr 2020 15:02

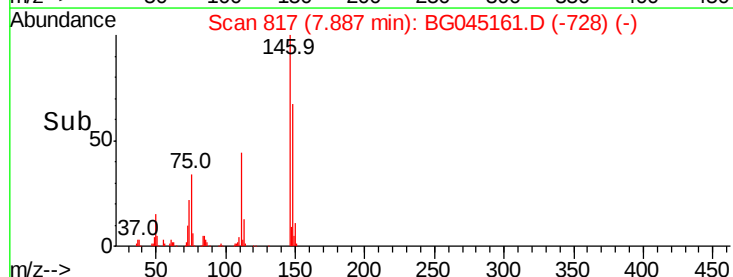
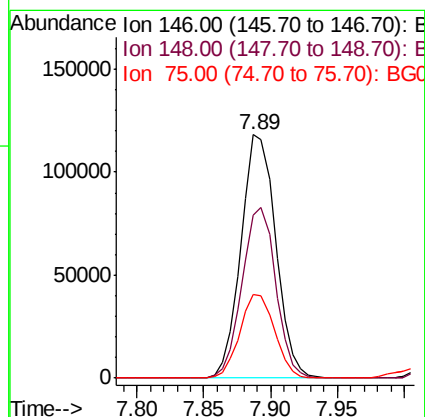
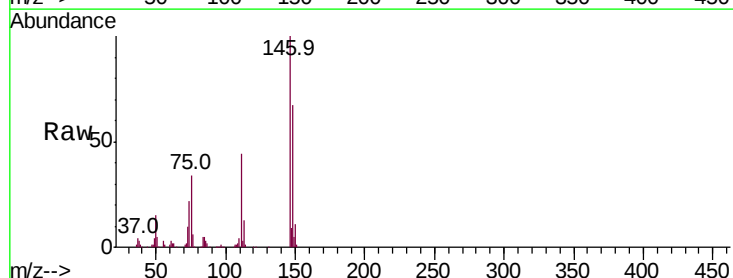
Tgt Ion: 146 Resp: 212865

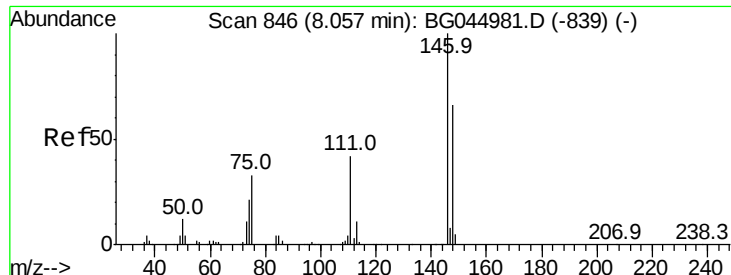
Ion Ratio Lower Upper

146 100

148 66.9 54.6 81.8

75 34.5 26.0 39.0

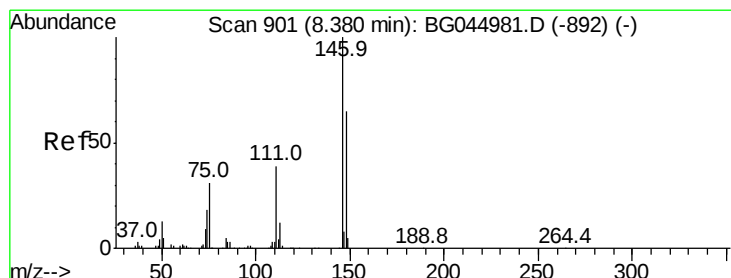
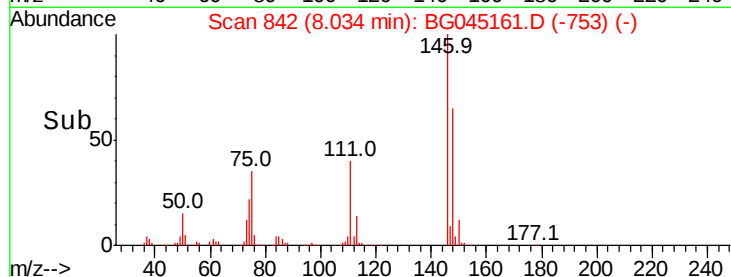
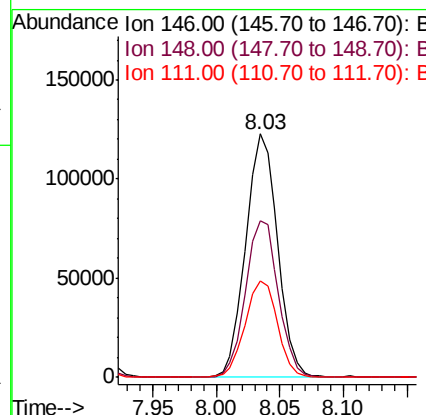
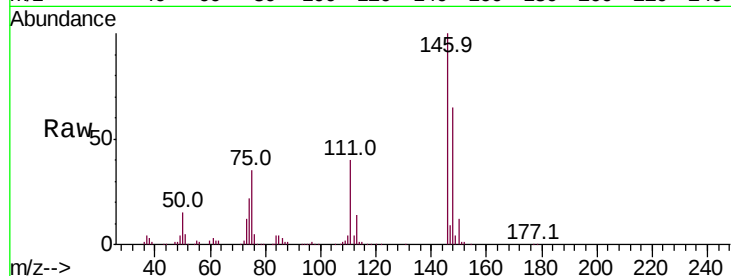




#13
 1,4-Dichlorobenzene
 Concen: 44.880 ng
 RT: 8.03 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BG045161.D
 Acq: 24 Apr 2020 15:02

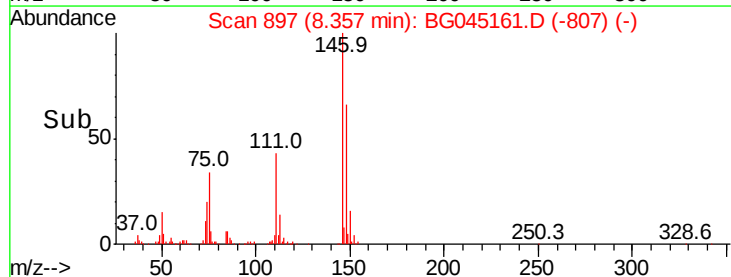
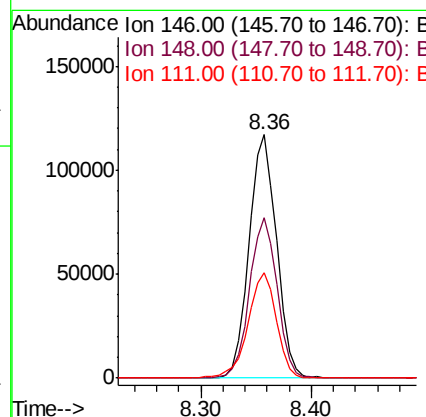
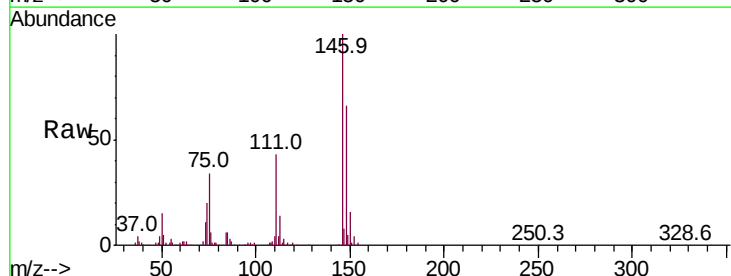
Instrument :
 BNA_G
 ClientSampleId :
 PB128245BS

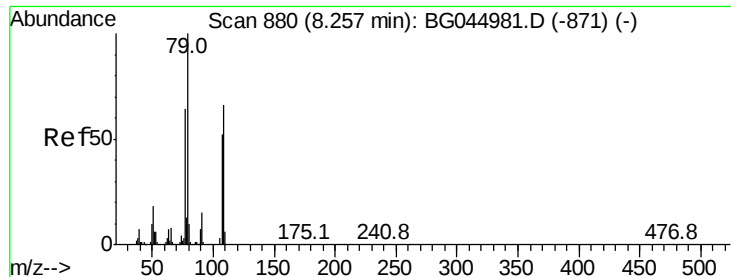
Tot Ion:146 Resp: 214780
 Ion Ratio Lower Upper
 146 100
 148 64.5 53.3 79.9
 111 39.8 33.8 50.8



#14
 1,2-Dichlorobenzene
 Concen: 44.758 ng
 RT: 8.36 min Scan# 897
 Delta R.T. -0.00 min
 Lab File: BG045161.D
 Acq: 24 Apr 2020 15:02

Tgt Ion:146 Resp: 204917
 Ion Ratio Lower Upper
 146 100
 148 66.1 51.9 77.9
 111 43.2 31.3 46.9

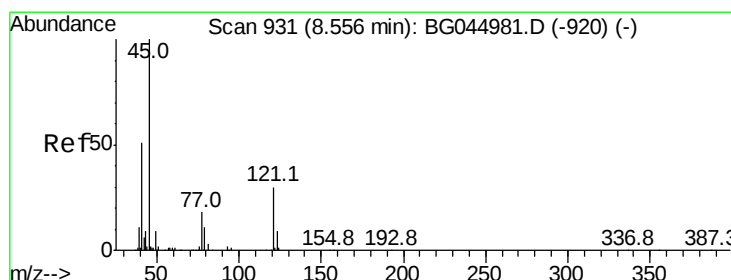
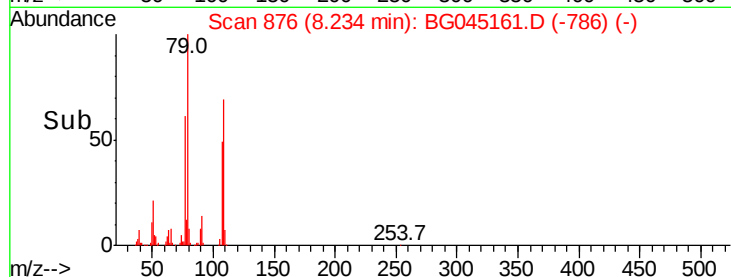
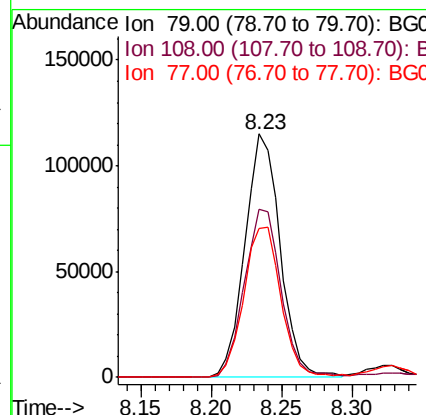
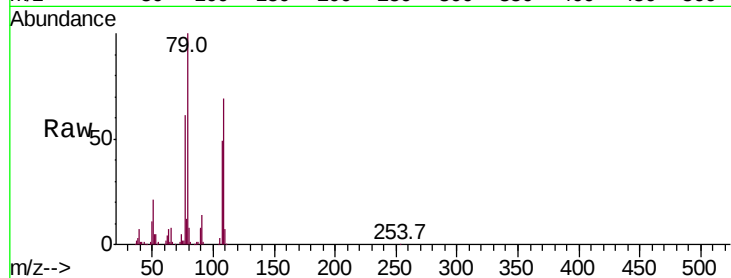




#15
Benzyl Alcohol
Concen: 42.811 ng
RT: 8.23 min Scan# 876
Delta R.T. -0.00 min
Lab File: BG045161.D
Acq: 24 Apr 2020 15:02

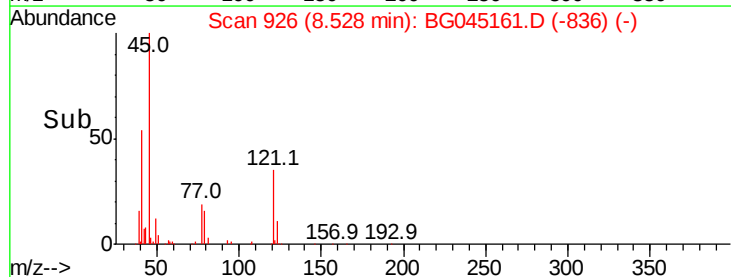
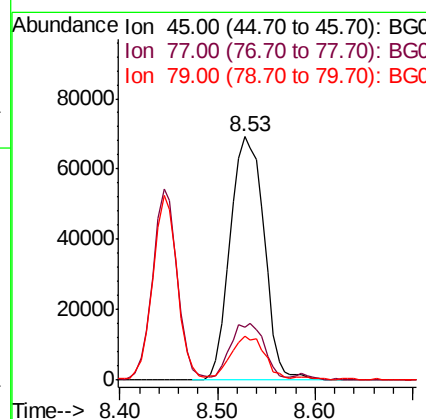
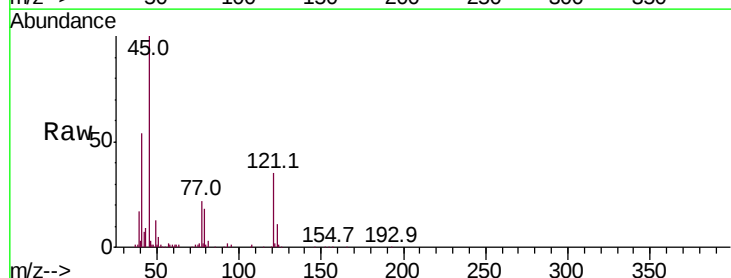
Instrument :
BNA_G
ClientSampleId :
PB128245BS

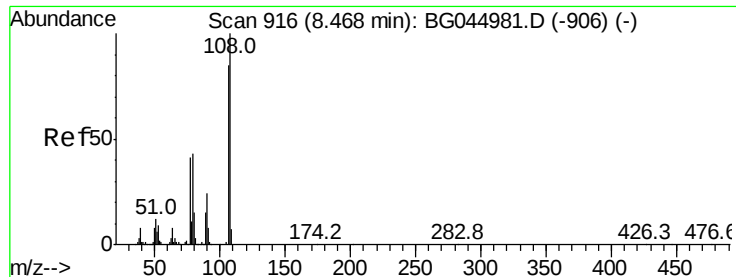
Tot Ion: 79 Resp: 202241
Ion Ratio Lower Upper
79 100
108 68.9 52.7 79.1
77 61.4 51.3 76.9



#16
2,2'-oxybis(1-chloropropane)
Concen: 37.937 ng
RT: 8.53 min Scan# 926
Delta R.T. -0.00 min
Lab File: BG045161.D
Acq: 24 Apr 2020 15:02

Tgt Ion: 45 Resp: 167173
Ion Ratio Lower Upper
45 100
77 21.6 1.9 41.9
79 18.0 0.0 35.5





#17

2-Methylphenol

Concen: 41.770 ng

RT: 8.45 min Scan# 912

Delta R.T. -0.00 min

Lab File: BG045161.D

Acq: 24 Apr 2020 15:02

Instrument :

BNA_G

ClientSampleId :

PB128245BS

Tot Ion:107 Resp: 181710

Ion Ratio Lower Upper

107 100

108 107.0 93.8 140.6

77 51.5 38.5 57.7

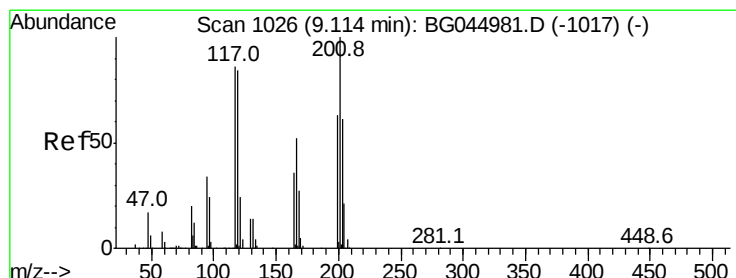
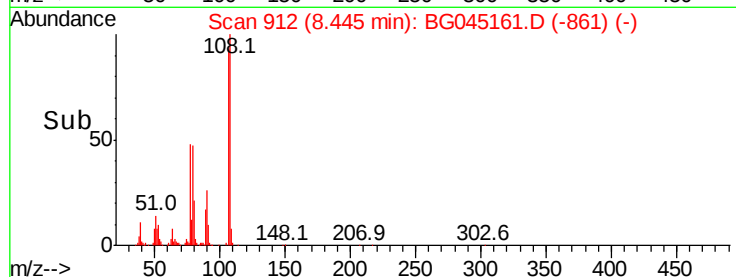
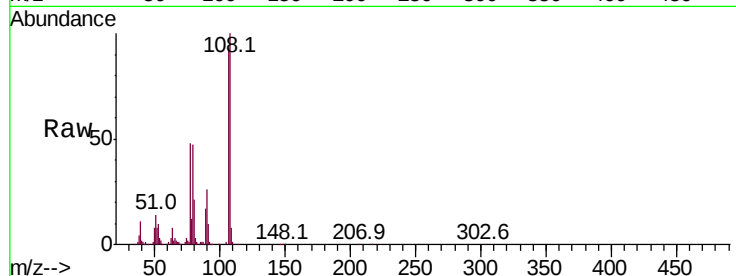
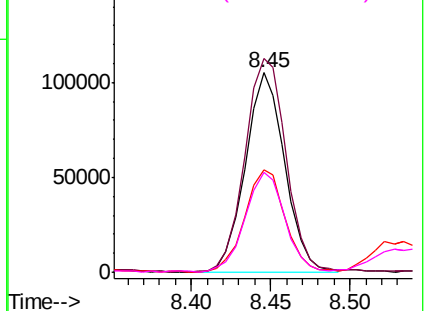
79 49.8 40.1 60.1

Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 45.659 ng

RT: 9.09 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BG045161.D

Acq: 24 Apr 2020 15:02

Tgt Ion:117 Resp: 82144

Ion Ratio Lower Upper

117 100

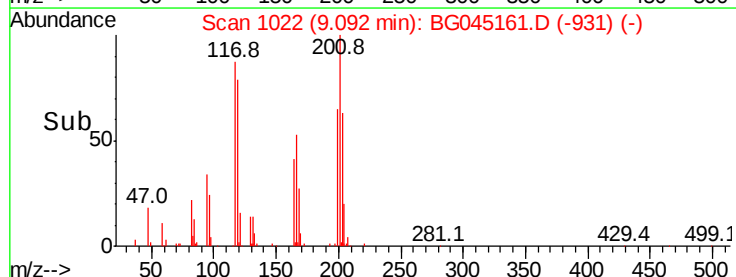
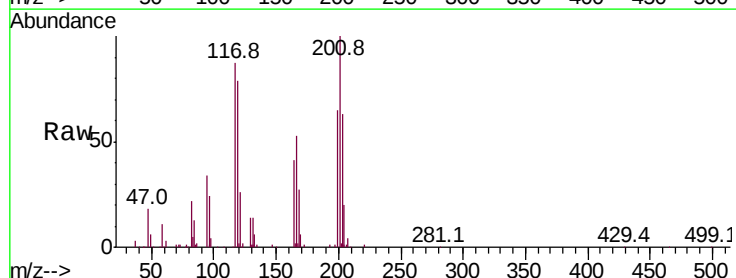
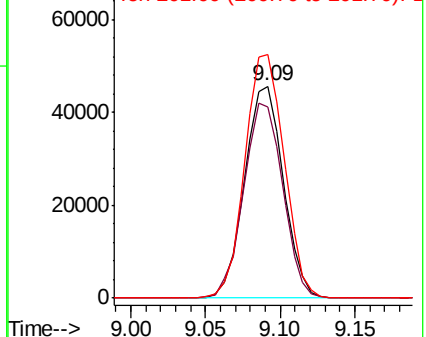
119 90.3 78.3 117.5

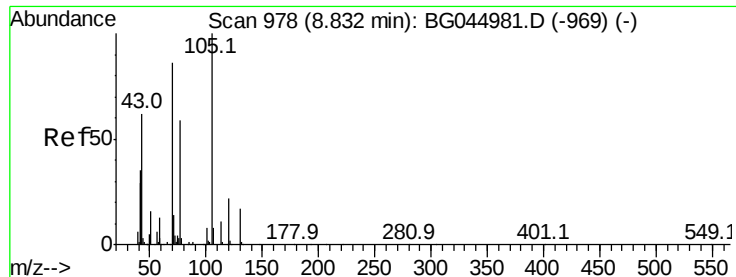
201 115.1 92.9 139.3

Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

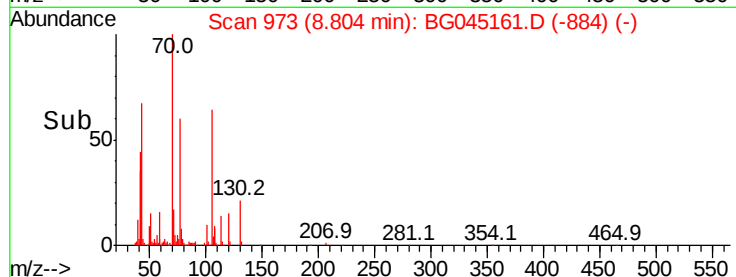
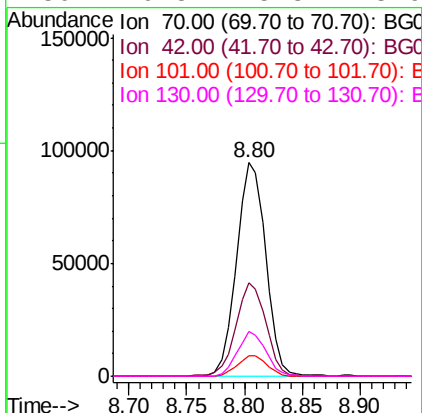
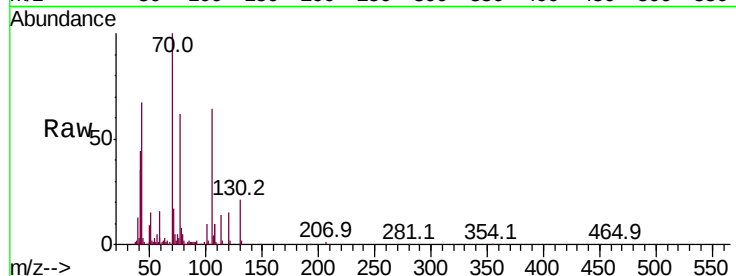




#19
n-Nitroso-di-n-propylamine
Concen: 41.527 ng
RT: 8.80 min Scan# 973
Delta R.T. -0.01 min
Lab File: BG045161.D
Acq: 24 Apr 2020 15:02

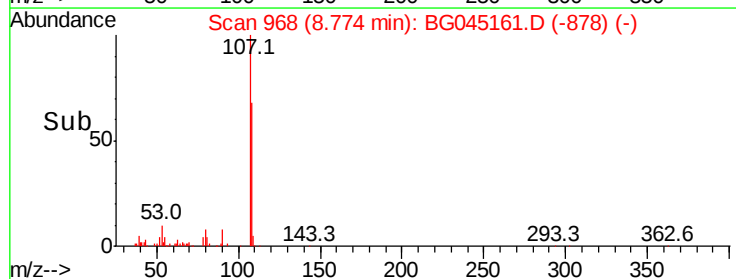
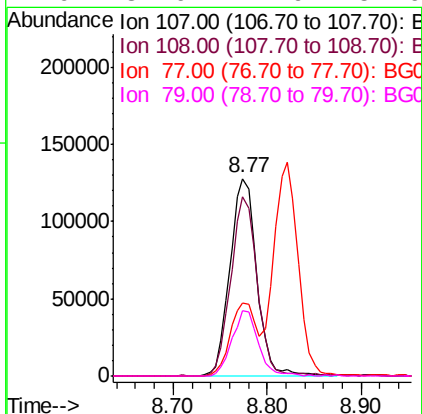
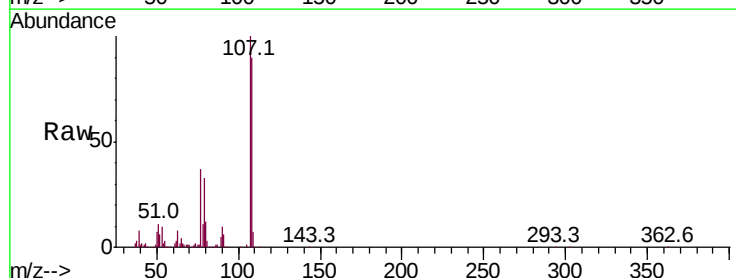
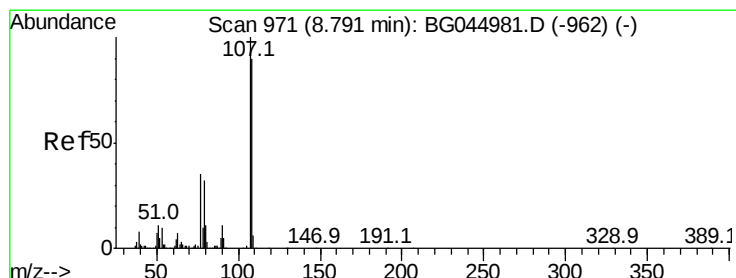
Instrument :
BNA_G
ClientSampleId :
PB128245BS

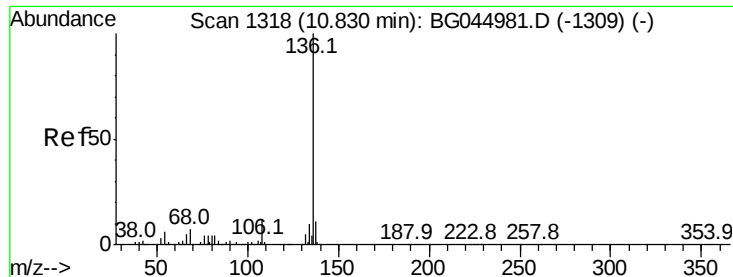
Tot Ion:	70	Resp:	165474
Ion	Ratio	Lower	Upper
70	100		
42	43.9	33.3	49.9
101	9.8	7.8	11.8
130	20.8	15.8	23.6



#20
3+4-Methylphenols
Concen: 41.562 ng
RT: 8.77 min Scan# 968
Delta R.T. -0.00 min
Lab File: BG045161.D
Acq: 24 Apr 2020 15:02

Tgt Ion:	107	Resp:	253073
Ion	Ratio	Lower	Upper
107	100		
108	90.5	69.9	109.9
77	36.8	15.2	55.2
79	32.9	11.6	51.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.81 min Scan# 1314

Delta R.T. -0.00 min

Lab File: BG045161.D

Acq: 24 Apr 2020 15:02

Instrument :

BNA_G

ClientSampleId :

PB128245BS

Tot Ion:136 Resp: 256386

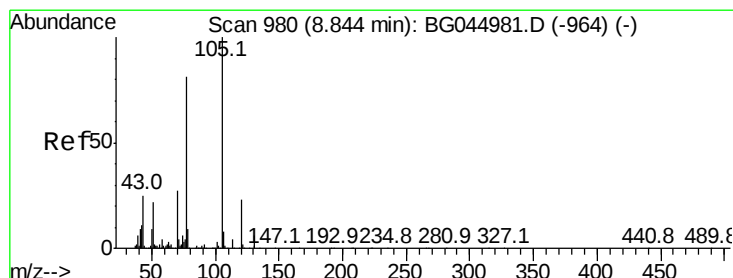
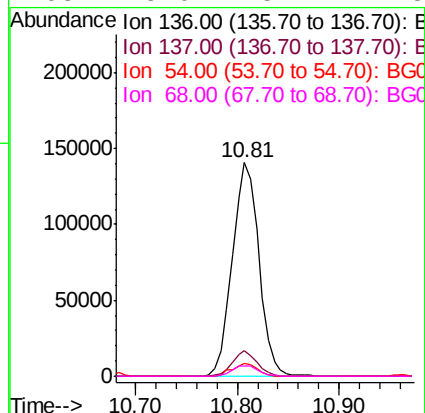
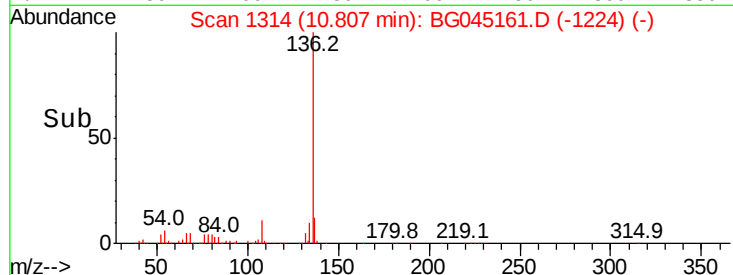
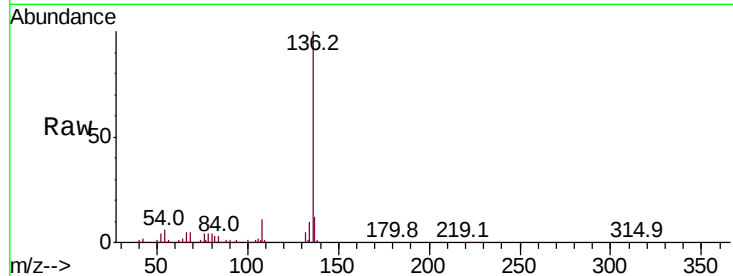
Ion Ratio Lower Upper

136 100

137 12.2 8.6 13.0

54 6.3 4.8 7.2

68 5.0 5.2 7.8#



#22

Acetophenone

Concen: 43.362 ng

RT: 8.82 min Scan# 976

Delta R.T. -0.00 min

Lab File: BG045161.D

Acq: 24 Apr 2020 15:02

Tgt Ion:105 Resp: 300644

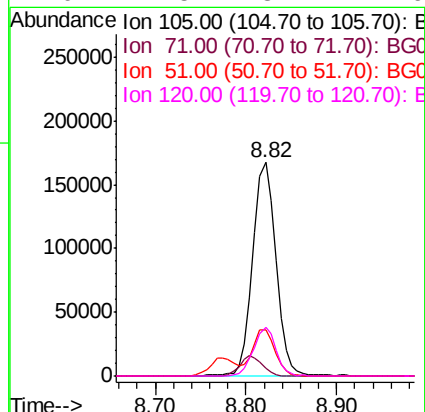
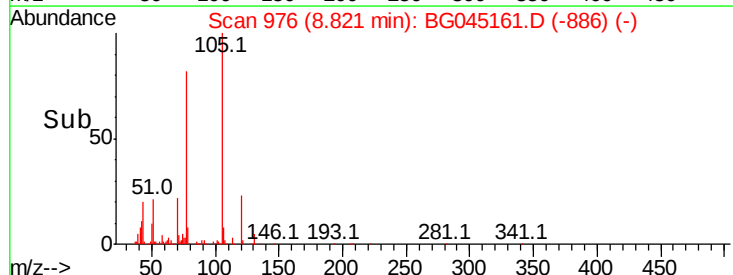
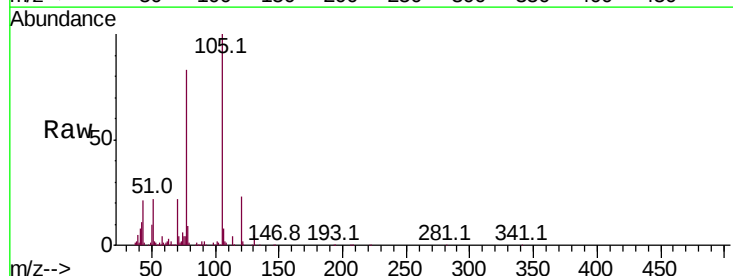
Ion Ratio Lower Upper

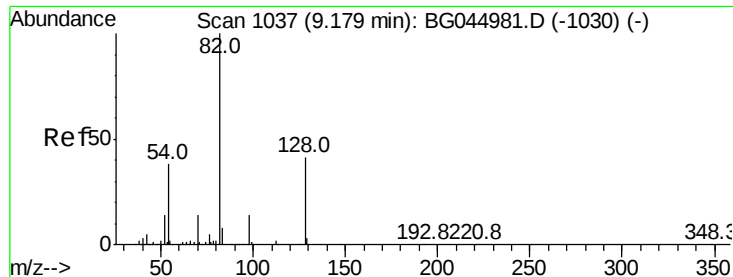
105 100

71 3.7 3.3 4.9

51 21.6 17.3 25.9

120 22.5 18.4 27.6

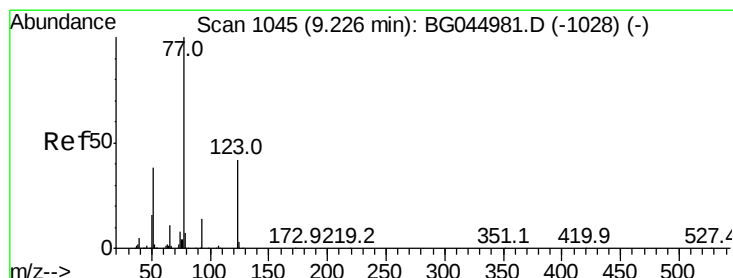
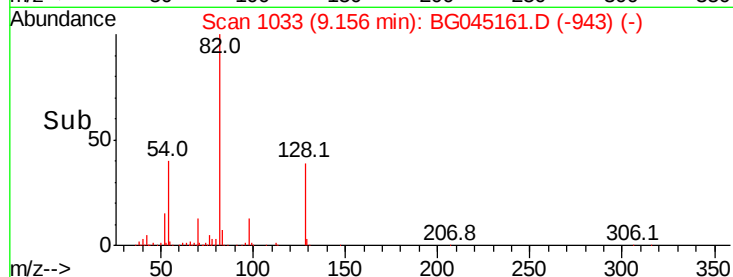
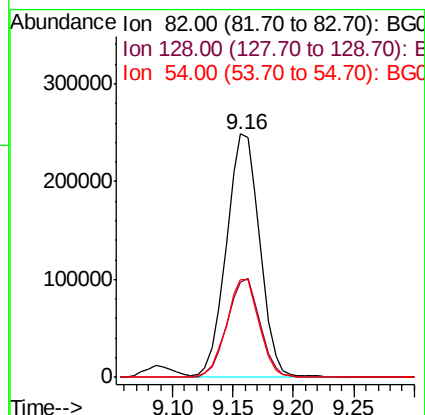
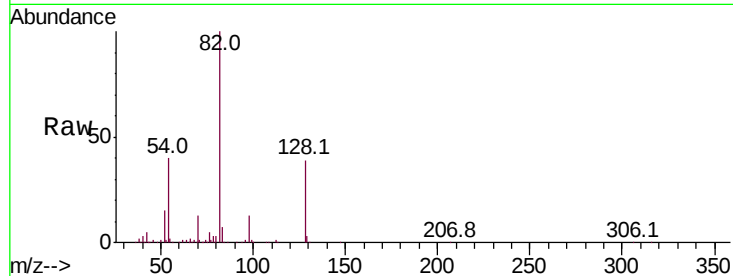




#23
Nitrobenzene-d5
Concen: 84.536 ng
RT: 9.16 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BG045161.D
Acq: 24 Apr 2020 15:02

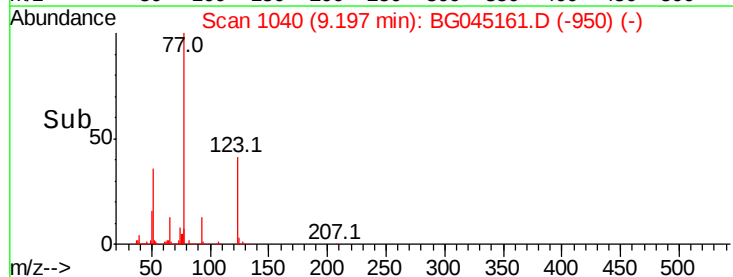
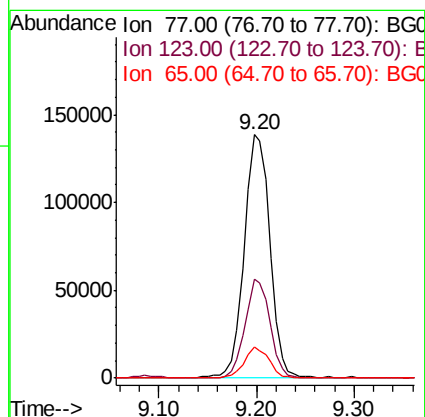
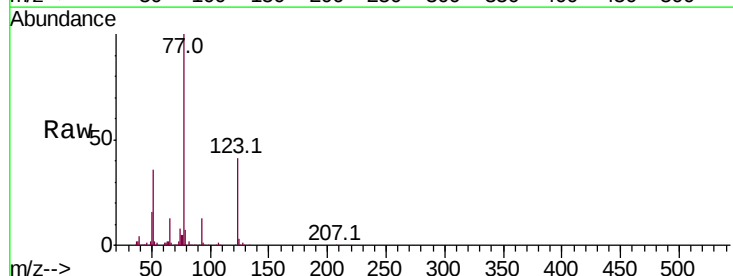
Instrument :
BNA_G
ClientSampleId :
PB128245BS

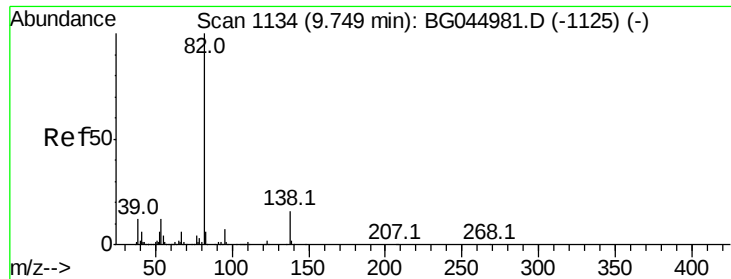
Tot Ion	82	Resp	475001
Ion	Ratio	Lower	Upper
82	100		
128	38.8	33.0	49.4
54	40.2	30.4	45.6



#24
Nitrobenzene
Concen: 44.341 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BG045161.D
Acq: 24 Apr 2020 15:02

Tgt Ion	77	Resp	255389
Ion	Ratio	Lower	Upper
77	100		
123	40.8	34.3	51.5
65	12.5	8.9	13.3





#25

Isophorone

Concen: 40.330 ng

RT: 9.73 min Scan# 1130

Delta R.T. -0.00 min

Lab File: BG045161.D

Acq: 24 Apr 2020 15:02

Instrument :

BNA_G

ClientSampleId :

PB128245BS

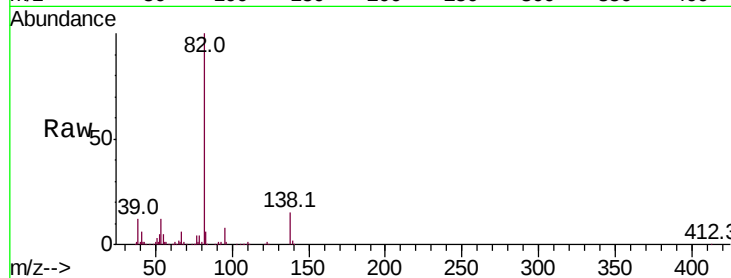
Tot Ion: 82 Resp: 464066

Ion Ratio Lower Upper

82 100

95 8.3 6.0 9.0

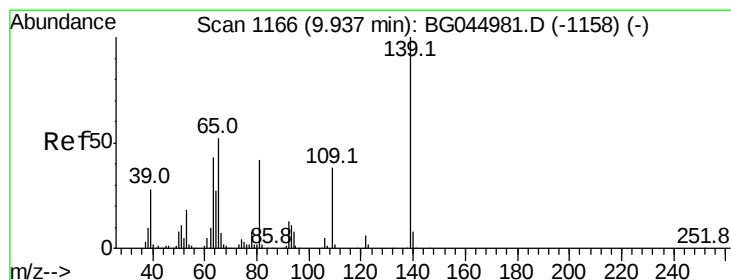
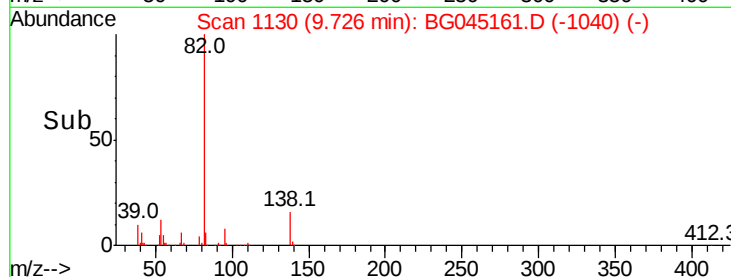
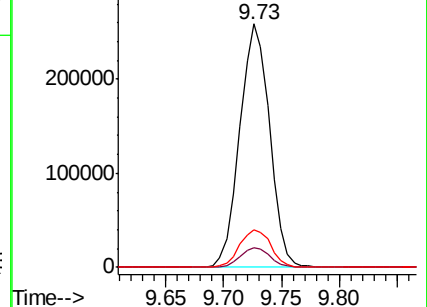
138 15.3 12.7 19.1



Abundance Ion 82.00 (81.70 to 82.70): BG044981.D (-1125) (-)

Ion 95.00 (94.70 to 95.70): BG044981.D (-1125) (-)

Ion 138.00 (137.70 to 138.70): BG044981.D (-1125) (-)



#26

2-Nitrophenol

Concen: 47.114 ng

RT: 9.91 min Scan# 1162

Delta R.T. -0.00 min

Lab File: BG045161.D

Acq: 24 Apr 2020 15:02

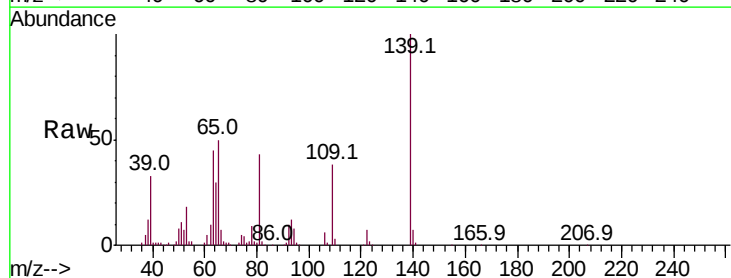
Tgt Ion: 139 Resp: 116886

Ion Ratio Lower Upper

139 100

109 38.0 30.6 45.8

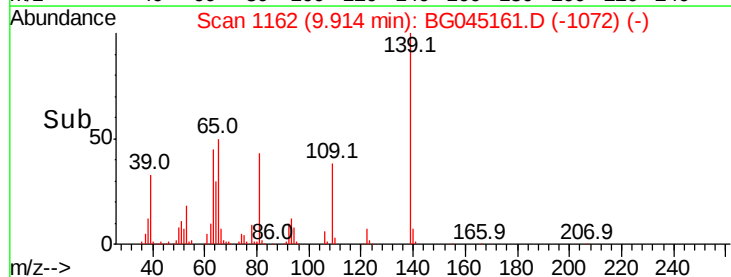
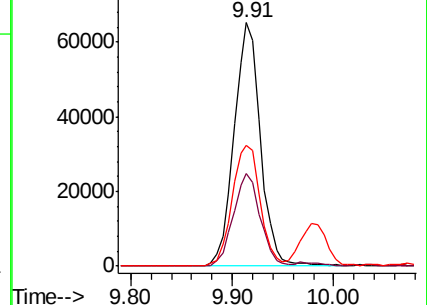
65 49.8 41.8 62.6

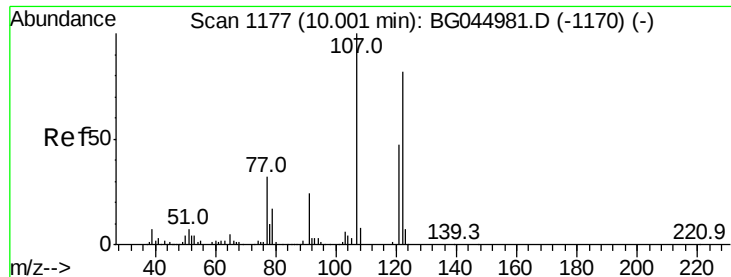


Abundance Ion 139.00 (138.70 to 139.70): BG044981.D (-1158) (-)

Ion 109.00 (108.70 to 109.70): BG044981.D (-1158) (-)

Ion 65.00 (64.70 to 65.70): BG044981.D (-1158) (-)

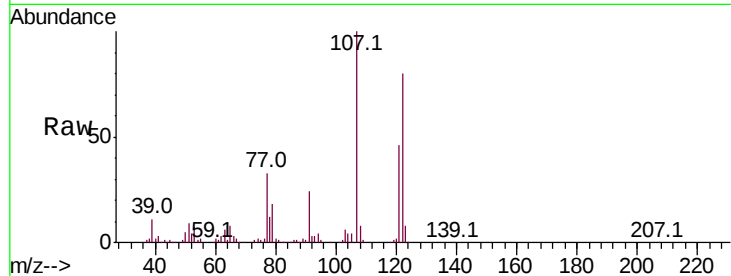




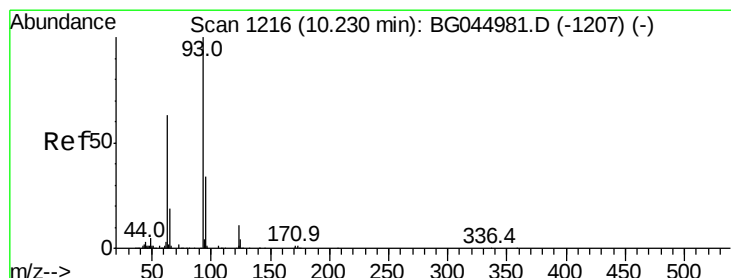
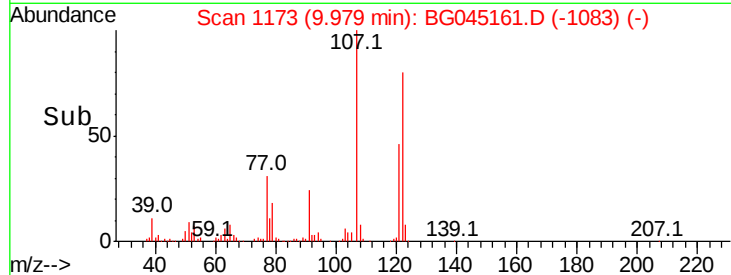
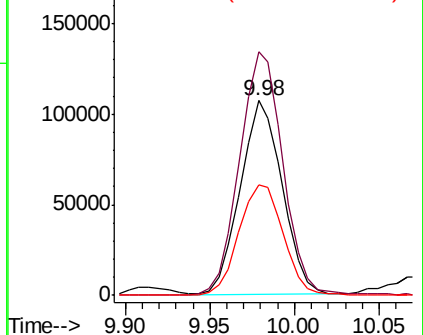
#27
2,4-Dimethylphenol
Concen: 46.997 ng
RT: 9.98 min Scan# 1173
Delta R.T. -0.00 min
Lab File: BG045161.D
Acq: 24 Apr 2020 15:02

Instrument :
BNA_G
ClientSampleId :
PB128245BS

Tot Ion:122 Resp: 185005
Ion Ratio Lower Upper
122 100
107 125.0 96.8 145.2
121 56.9 45.6 68.4

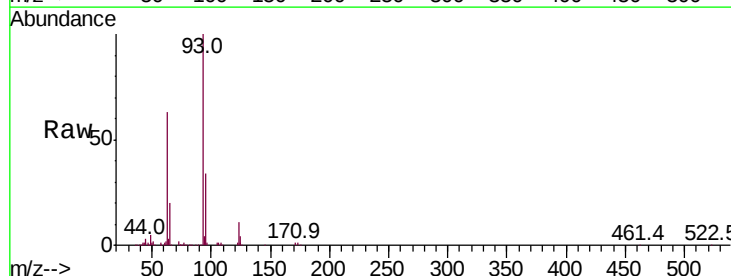


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

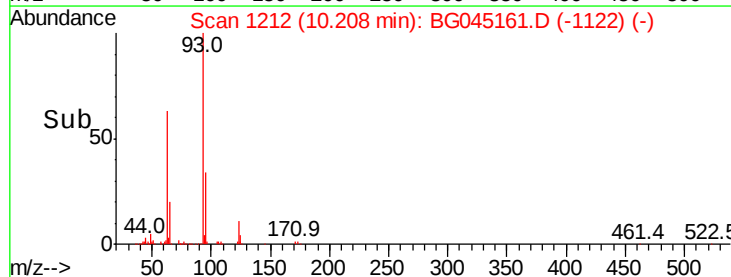
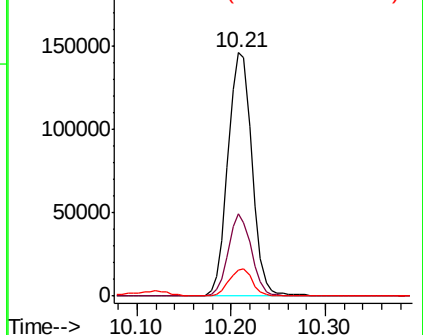


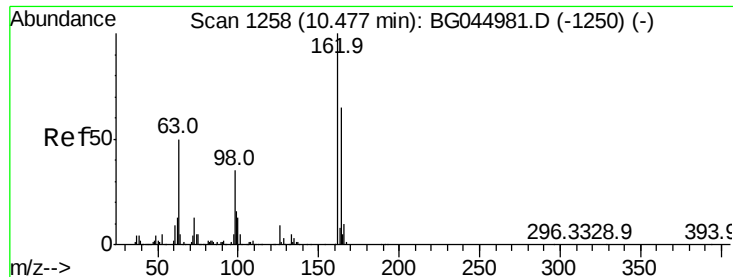
#28
bis(2-Chloroethoxy)methane
Concen: 43.144 ng
RT: 10.21 min Scan# 1212
Delta R.T. -0.00 min
Lab File: BG045161.D
Acq: 24 Apr 2020 15:02

Tgt Ion: 93 Resp: 260844
Ion Ratio Lower Upper
93 100
95 34.0 27.0 40.4
123 10.7 8.7 13.1



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 123.00 (122.70 to 123.70): E

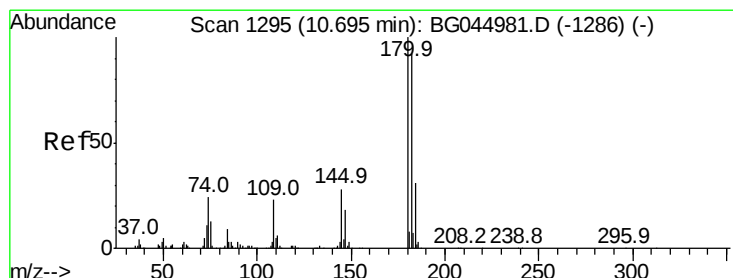
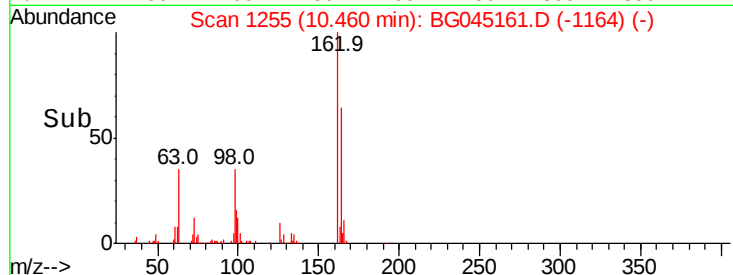
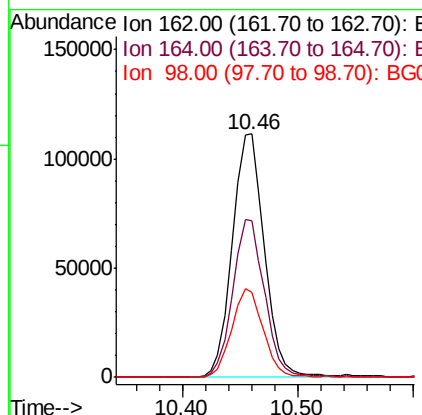
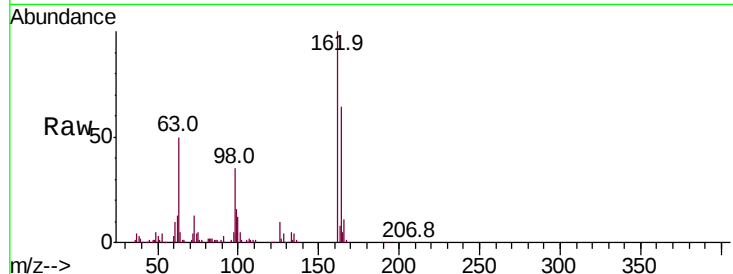




#29
 2,4-Dichlorophenol
 Concen: 47.285 ng
 RT: 10.46 min Scan# 1255
 Delta R.T. 0.00 min
 Lab File: BG045161.D
 Acq: 24 Apr 2020 15:02

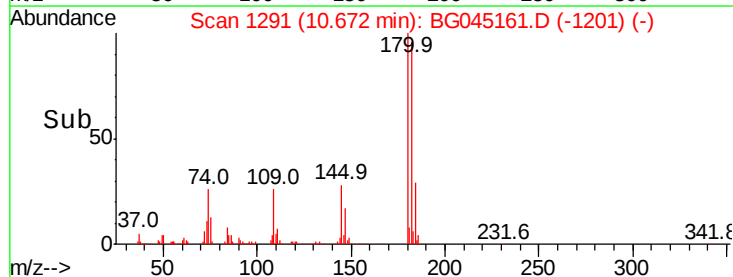
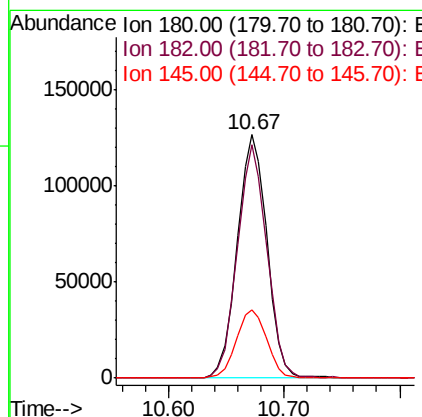
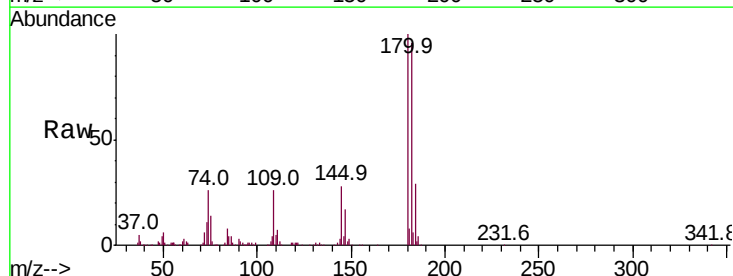
Instrument :
 BNA_G
 ClientSampleId :
 PB128245BS

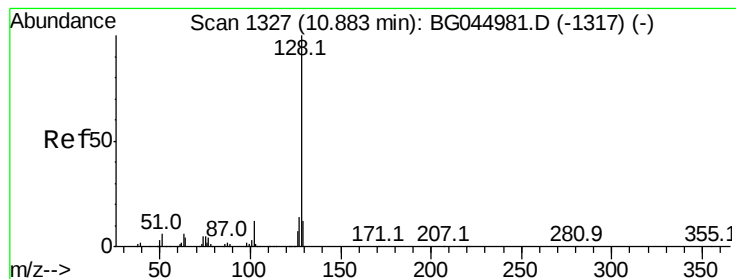
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	45.0	85.0
98	34.6	15.2	55.2



#30
 1,2,4-Trichlorobenzene
 Concen: 43.820 ng
 RT: 10.67 min Scan# 1291
 Delta R.T. -0.00 min
 Lab File: BG045161.D
 Acq: 24 Apr 2020 15:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	73.3	109.9
145	27.9	22.6	33.8





#31

Naphthalene

Concen: 43.770 ng

RT: 10.86 min Scan# 1323

Delta R.T. -0.00 min

Lab File: BG045161.D

Acq: 24 Apr 2020 15:02

Instrument :

BNA_G

ClientSampleId :

PB128245BS

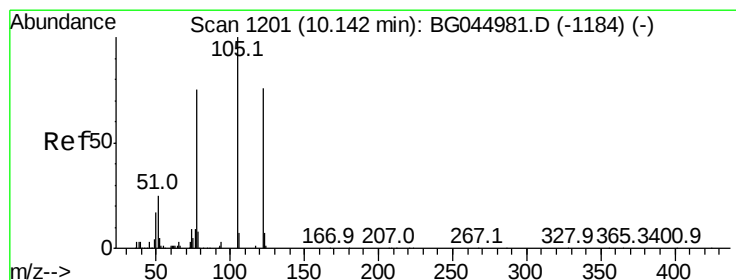
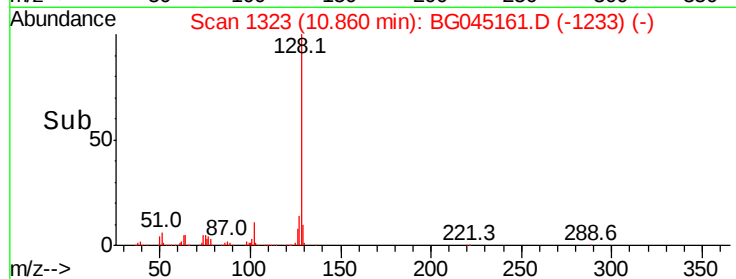
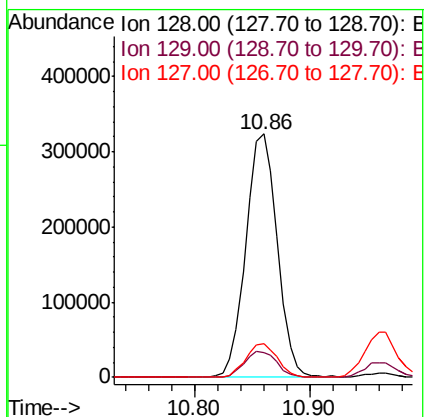
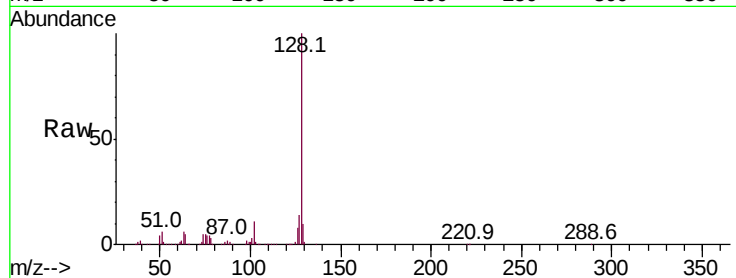
Tot Ion:128 Resp: 613896

Ion Ratio Lower Upper

128 100

129 10.4 9.4 14.2

127 13.9 10.8 16.2



#32

Benzoic acid

Concen: 34.807 ng

RT: 10.12 min Scan# 1197

Delta R.T. -0.00 min

Lab File: BG045161.D

Acq: 24 Apr 2020 15:02

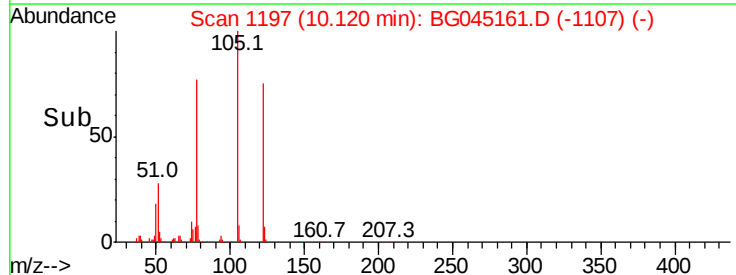
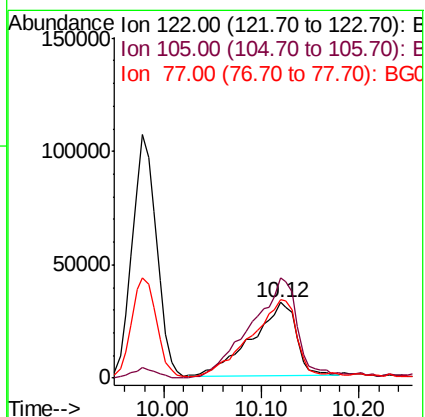
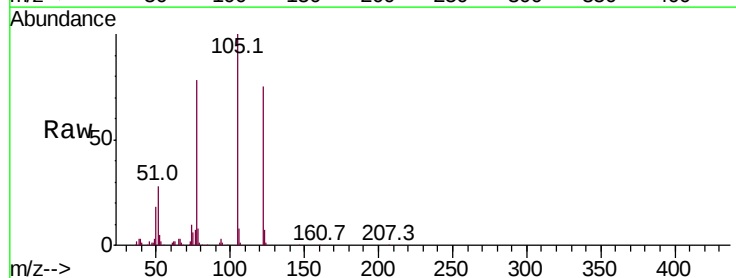
Tgt Ion:122 Resp: 104265

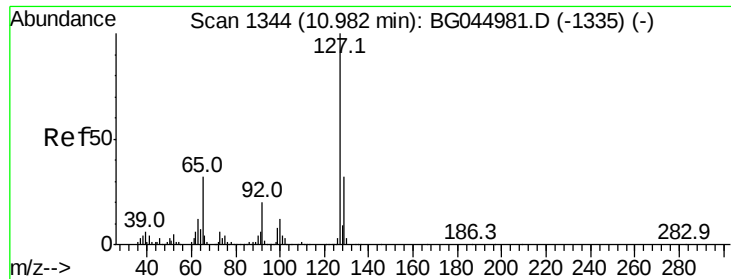
Ion Ratio Lower Upper

122 100

105 132.6 108.4 148.4

77 103.3 78.8 118.8

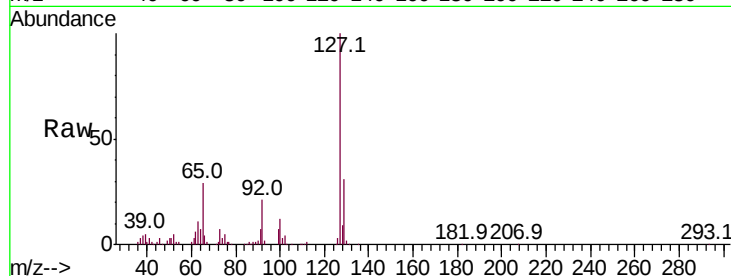




#33
4-Chloroaniline
Concen: 18.376 ng
RT: 10.97 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BG045161.D
Acq: 24 Apr 2020 15:02

Instrument :
BNA_G
ClientSampleId :
PB128245BS

Tot Ion:127	Resp:	120195
Ion Ratio	Lower	Upper
127 100		
129 31.3	25.7	38.5
65 28.9	25.4	38.2
92 21.1	16.1	24.1



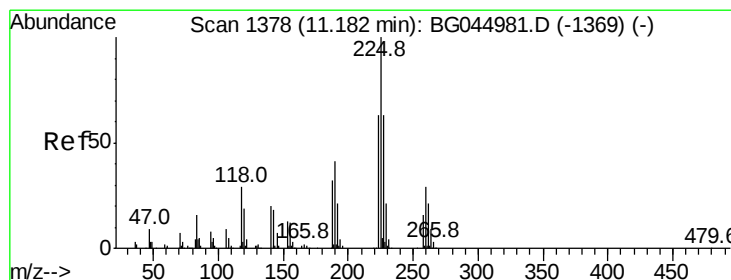
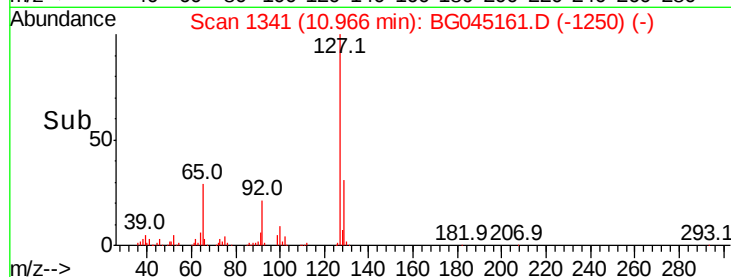
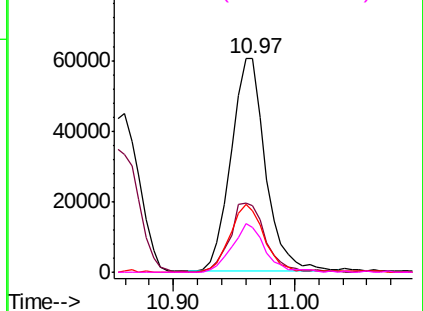
Abundance

Ion 129.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

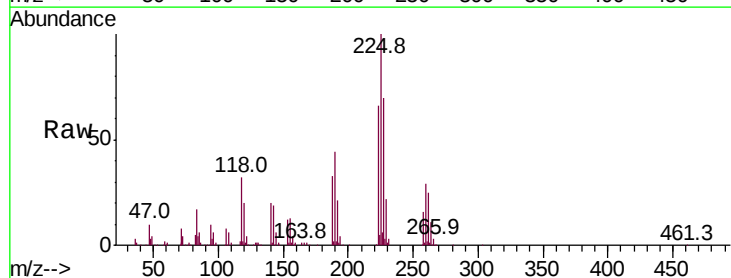
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 42.568 ng
RT: 11.15 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BG045161.D
Acq: 24 Apr 2020 15:02

Tgt	Ion:225	Resp:	150200
Ion	Ratio	Lower	Upper
225	100		
223	65.7	50.7	76.1
227	70.4	50.2	75.2

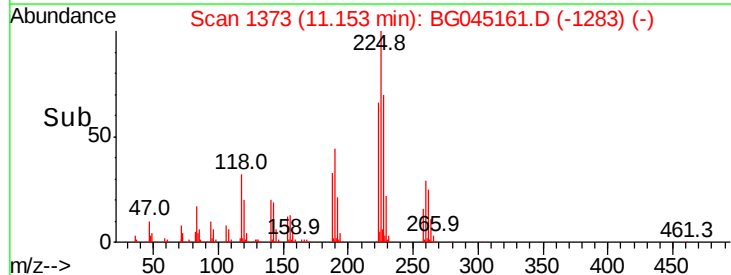
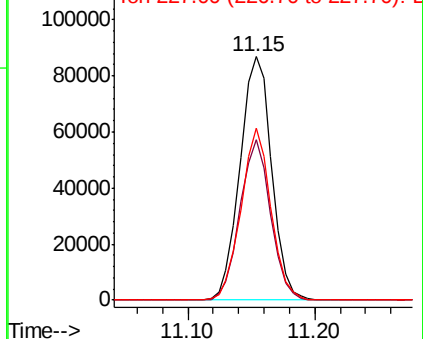


Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

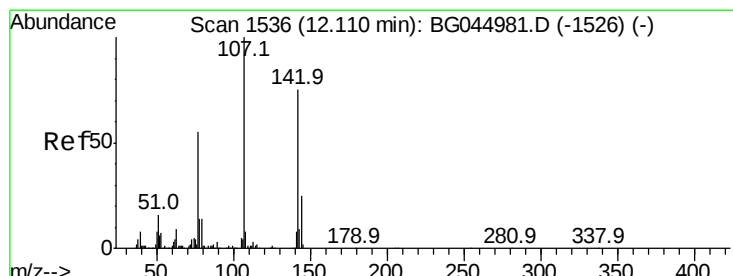
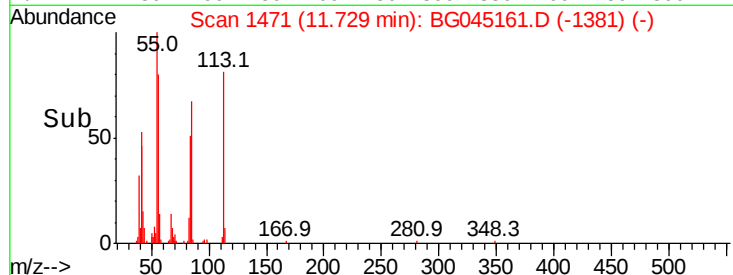
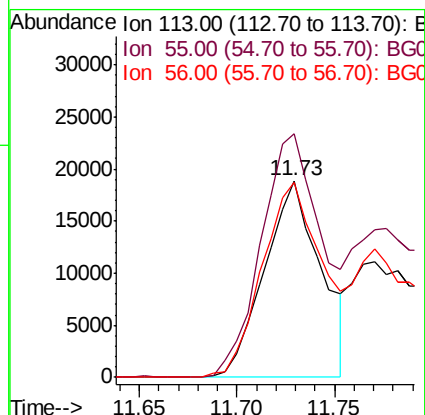
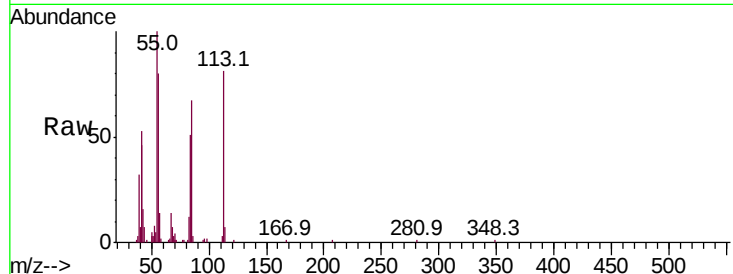




#35
 Caprolactam
 Concen: 20.799 ng
 RT: 11.73 min Scan# 1471
 Delta R.T. -0.00 min
 Lab File: BG045161.D
 Acq: 24 Apr 2020 15:02

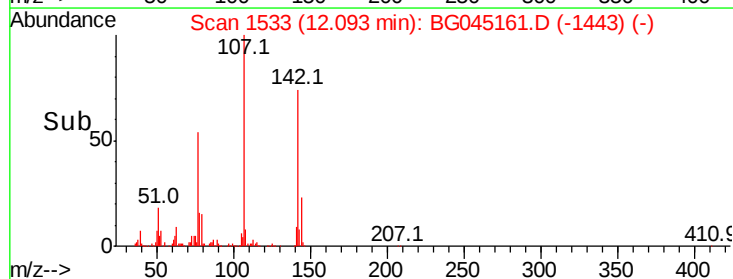
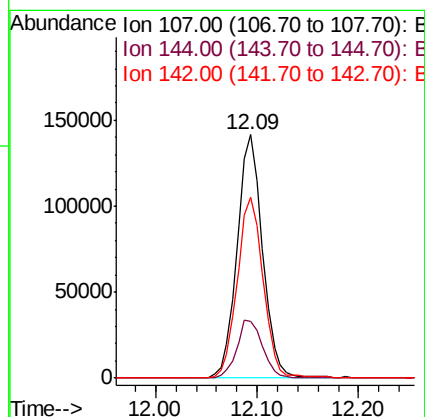
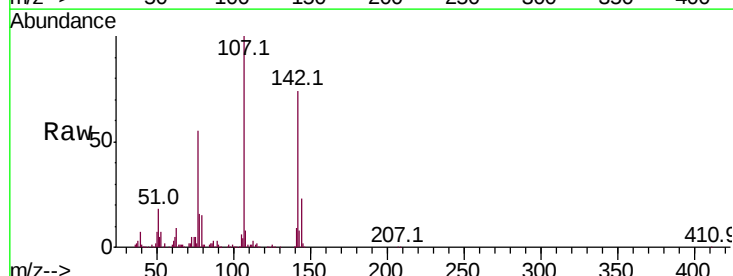
Instrument :
 BNA_G
 ClientSampleId :
 PB128245BS

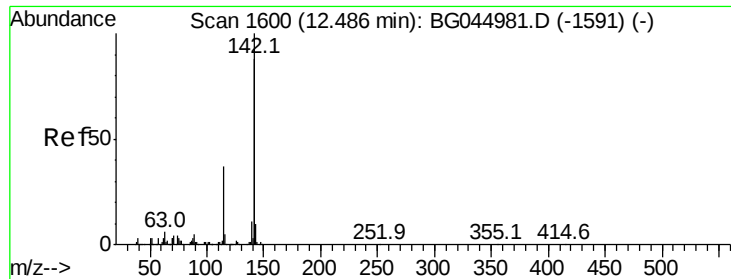
Tot Ion:113 Resp: 37627
 Ion Ratio Lower Upper
 113 100
 55 124.1 118.8 158.8
 56 99.3 82.6 122.6



#36
 4-Chloro-3-methylphenol
 Concen: 46.212 ng
 RT: 12.09 min Scan# 1533
 Delta R.T. -0.00 min
 Lab File: BG045161.D
 Acq: 24 Apr 2020 15:02

Tgt Ion:107 Resp: 246759
 Ion Ratio Lower Upper
 107 100
 144 23.5 19.8 29.6
 142 74.4 59.7 89.5

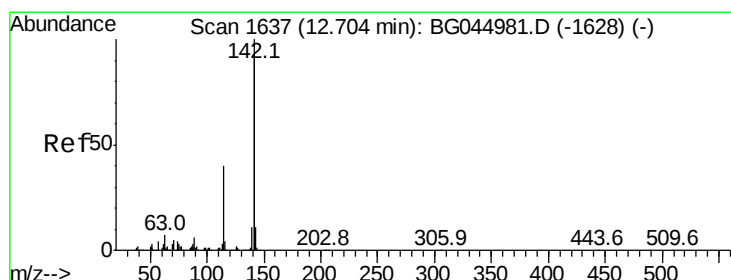
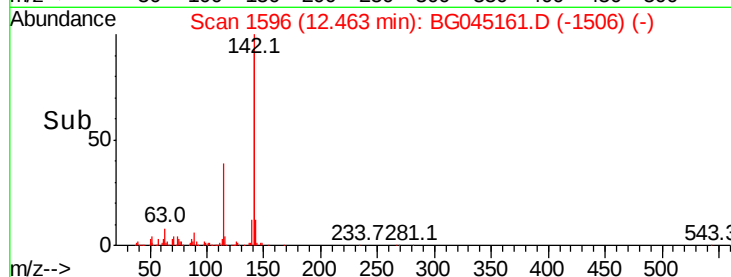
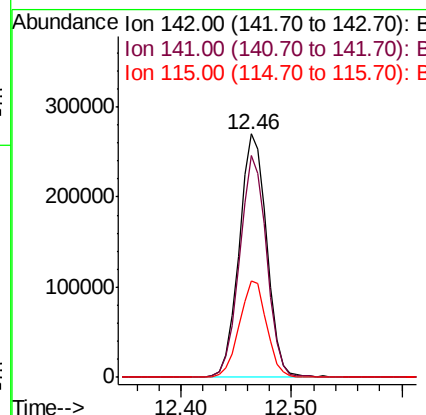
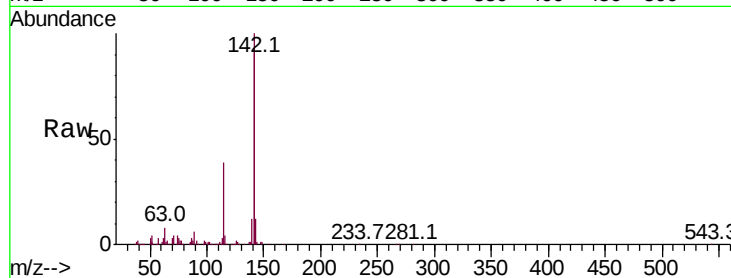




#37
2-Methylnaphthalene
Concen: 43.374 ng
RT: 12.46 min Scan# 1596
Delta R.T. -0.00 min
Lab File: BG045161.D
Acq: 24 Apr 2020 15:02

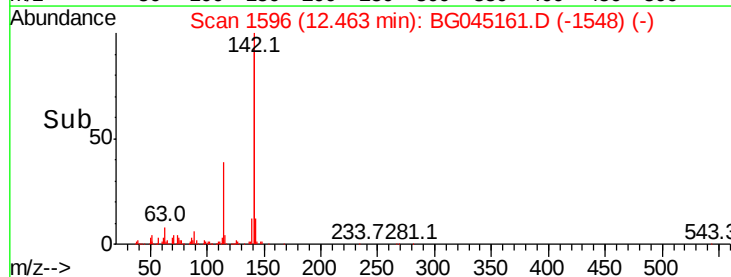
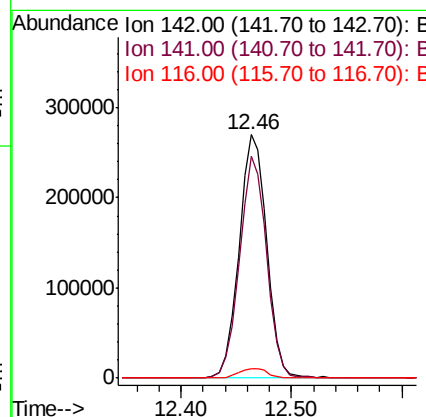
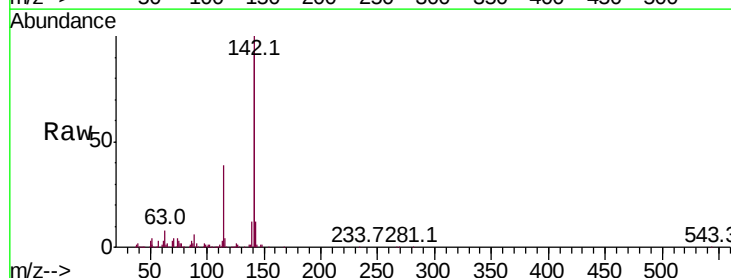
Instrument :
BNA_G
ClientSampleId :
PB128245BS

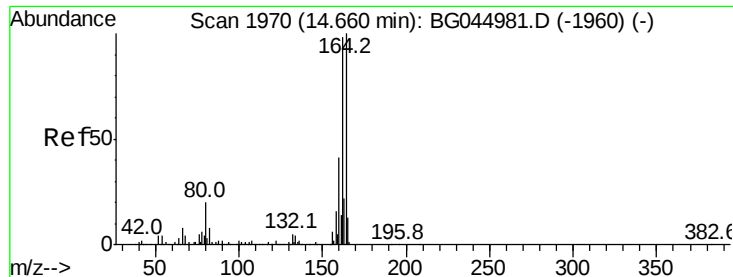
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.9	70.3	105.5
115	39.4	29.8	44.6



#38
1-Methylnaphthalene
Concen: 45.945 ng
RT: 12.46 min Scan# 1596
Delta R.T. -0.22 min
Lab File: BG045161.D
Acq: 24 Apr 2020 15:02

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.9	72.7	109.1
116	4.1	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.64 min Scan# 1966

Delta R.T. -0.00 min

Lab File: BG045161.D

Acq: 24 Apr 2020 15:02

Instrument :

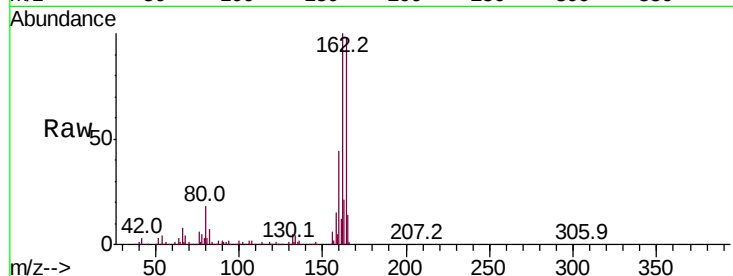
BNA_G

ClientSampleId :

PB128245BS

Tot Ion:164 Resp: 183180

Ion	Ratio	Lower	Upper
164	100		
162	102.0	78.7	118.1
160	45.0	32.8	49.2

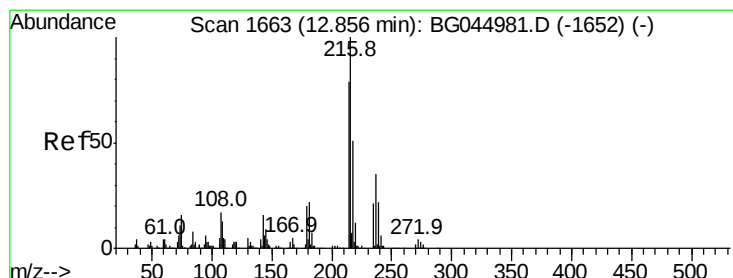
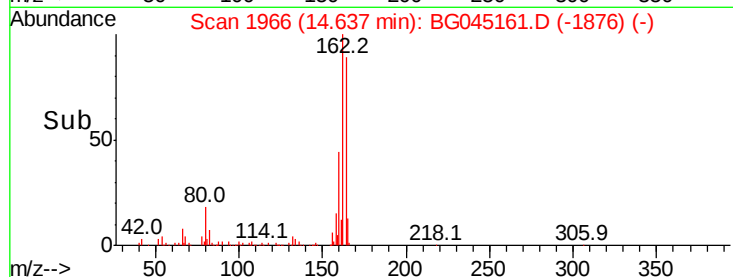
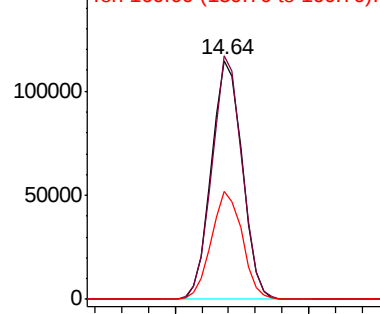


Abundance

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: 44.323 ng

RT: 12.83 min Scan# 1659

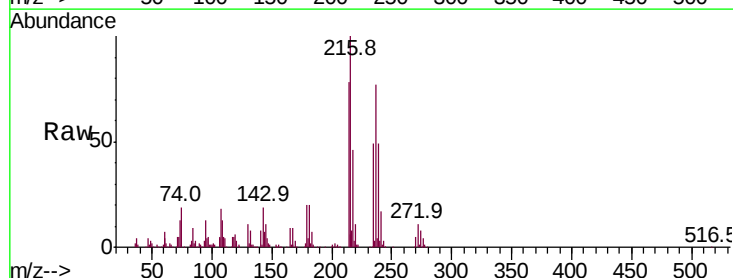
Delta R.T. -0.00 min

Lab File: BG045161.D

Acq: 24 Apr 2020 15:02

Tgt Ion:216 Resp: 261415

Ion	Ratio	Lower	Upper
216	100		
214	78.2	63.0	94.6
179	19.8	15.8	23.8
108	19.7	14.2	21.2



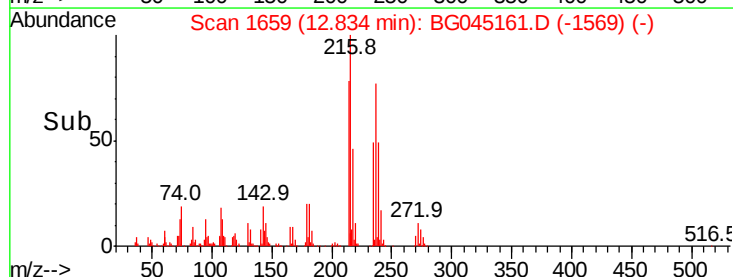
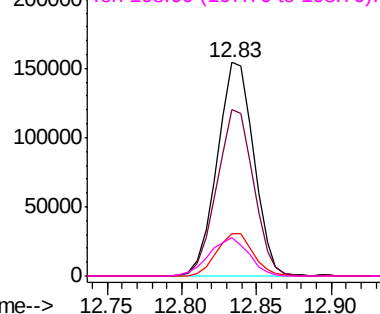
Abundance

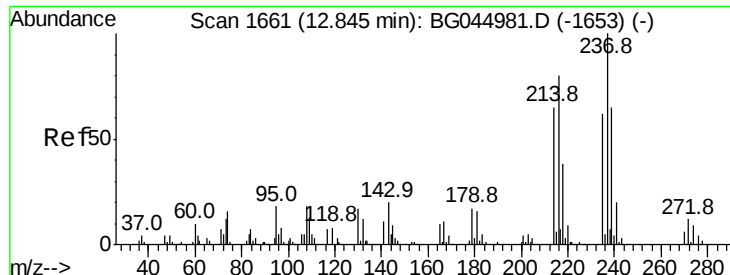
Ion 216.00 (215.70 to 216.70): E

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

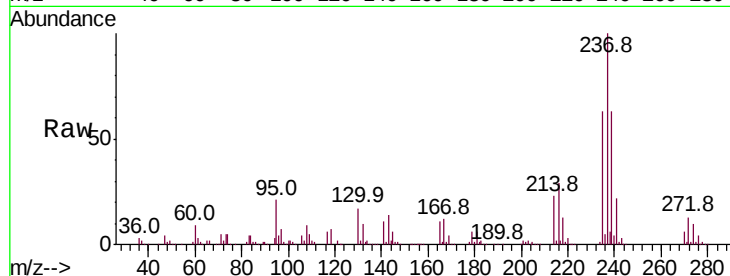




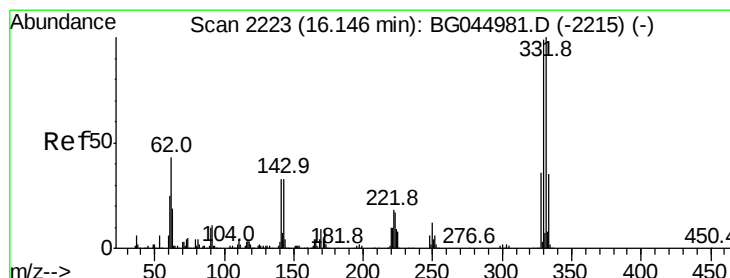
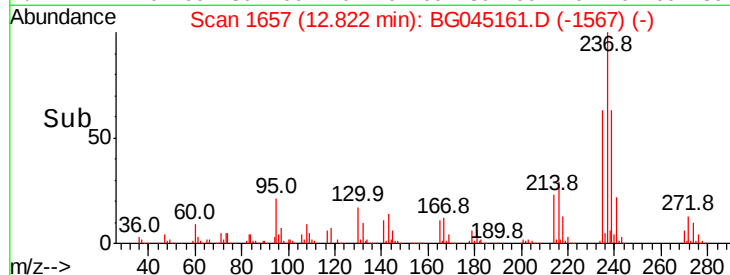
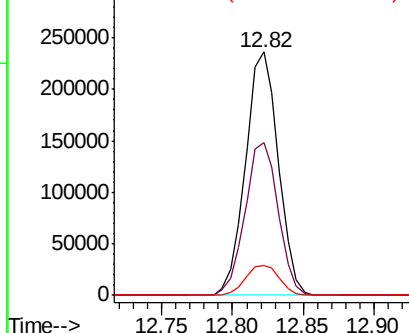
#41
Hexachlorocyclopentadiene
Concen: 104.113 ng
RT: 12.82 min Scan# 1657
Delta R.T. -0.00 min
Lab File: BG045161.D
Acq: 24 Apr 2020 15:02

Instrument :
BNA_G
ClientSampleId :
PB128245BS

Tot Ion:237 Resp: 383792
Ion Ratio Lower Upper
237 100
235 62.5 41.6 81.6
272 12.5 0.0 32.1

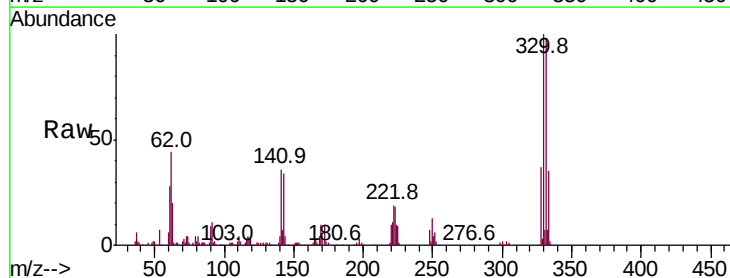


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

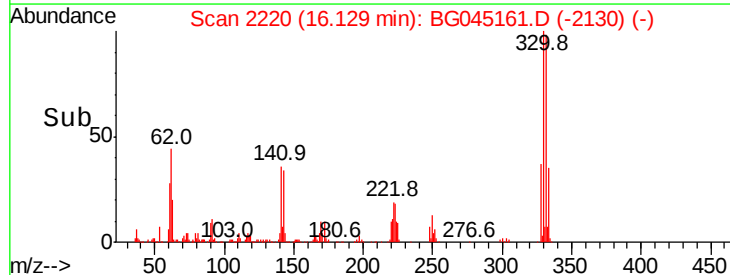
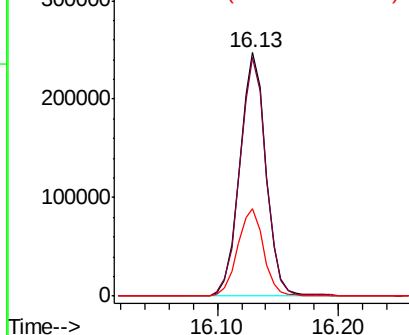


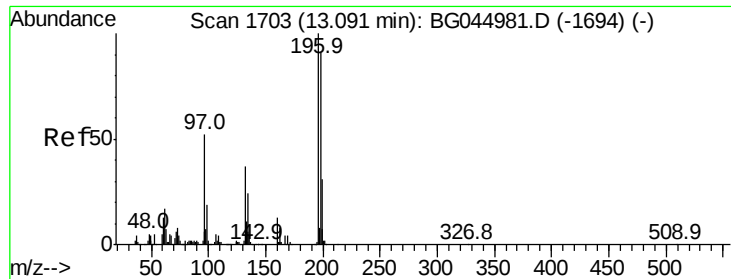
#42
2,4,6-Tribromophenol
Concen: 131.998 ng
RT: 16.13 min Scan# 2220
Delta R.T. -0.00 min
Lab File: BG045161.D
Acq: 24 Apr 2020 15:02

Tgt Ion:330 Resp: 373540
Ion Ratio Lower Upper
330 100
332 98.7 79.1 118.7
141 36.0 27.1 40.7



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

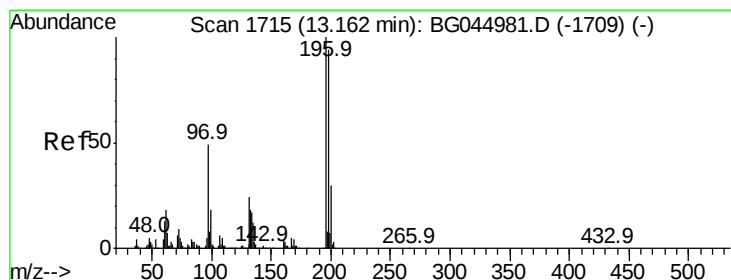
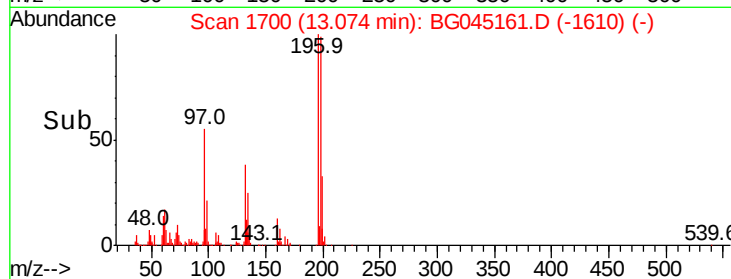
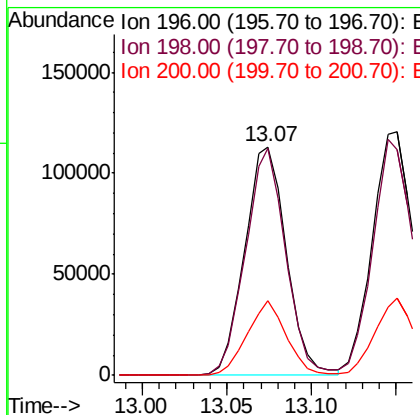
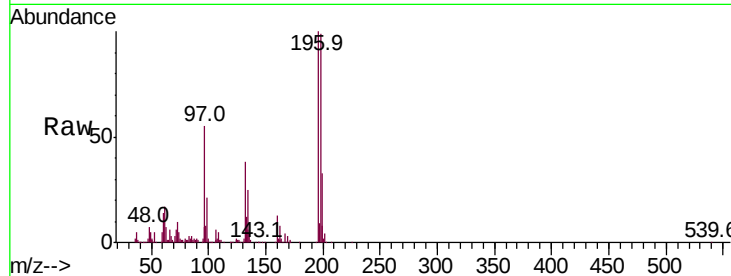




#43
 2,4,6-Trichlorophenol
 Concen: 46.673 ng
 RT: 13.07 min Scan# 1700
 Delta R.T. -0.00 min
 Lab File: BG045161.D
 Acq: 24 Apr 2020 15:02

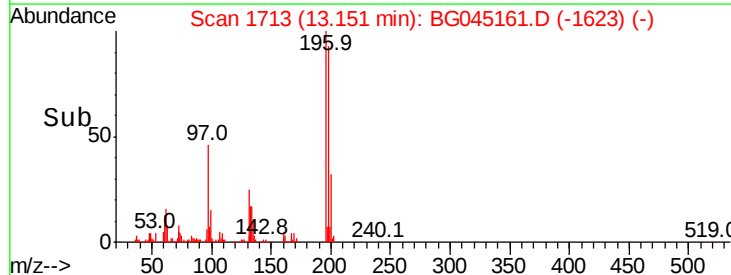
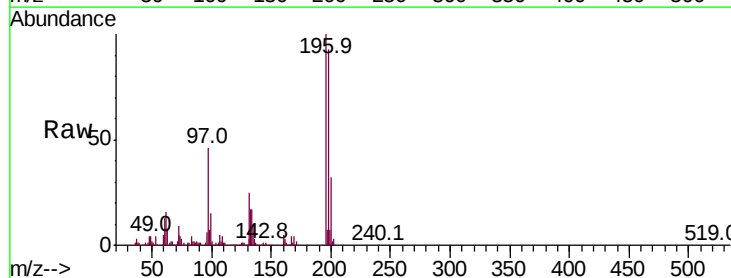
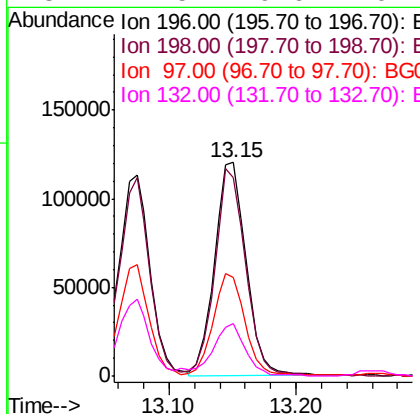
Instrument :
 BNA_G
 ClientSampleId :
 PB128245BS

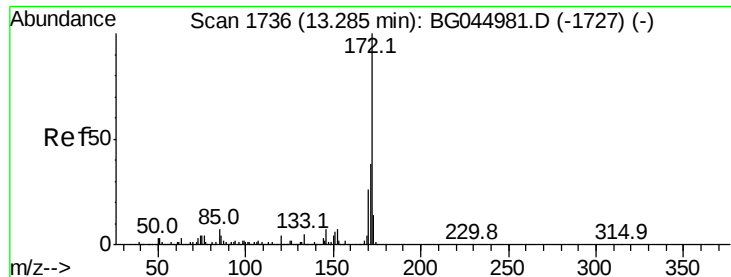
Tot Ion	196	Resp	194279
Ion Ratio	Lower	Upper	
196	100		
198	99.1	72.5	108.7
200	32.5	24.5	36.7



#44
 2,4,5-Trichlorophenol
 Concen: 43.997 ng
 RT: 13.15 min Scan# 1713
 Delta R.T. -0.00 min
 Lab File: BG045161.D
 Acq: 24 Apr 2020 15:02

Tgt Ion	196	Resp	208462
Ion Ratio	Lower	Upper	
196	100		
198	92.9	75.7	113.5
97	46.2	39.6	59.4
132	24.5	19.6	29.4

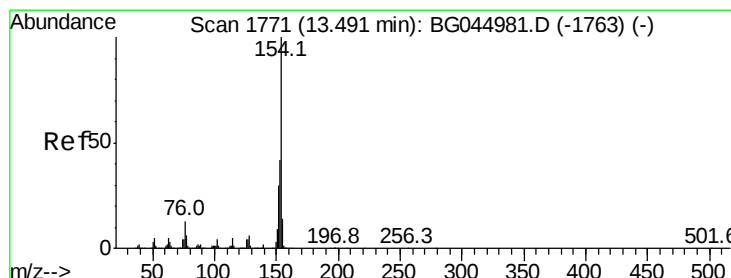
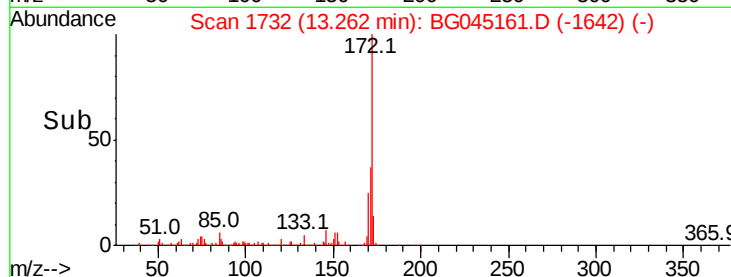
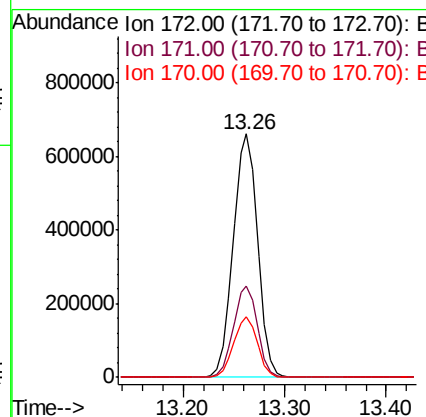
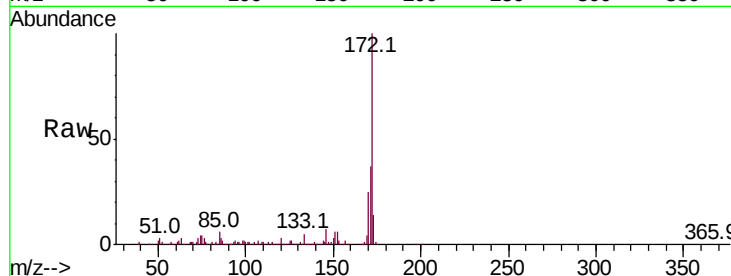




#45
2-Fluorobiphenyl
Concen: 88.045 ng
RT: 13.26 min Scan# 1732
Delta R.T. -0.00 min
Lab File: BG045161.D
Acq: 24 Apr 2020 15:02

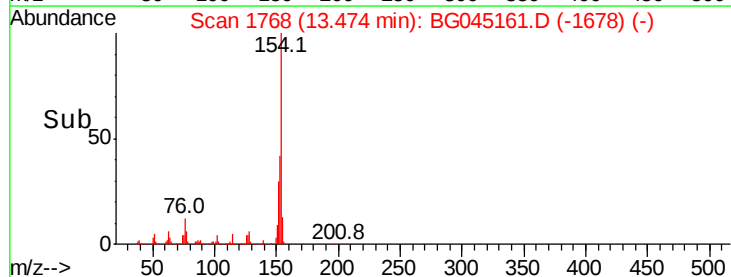
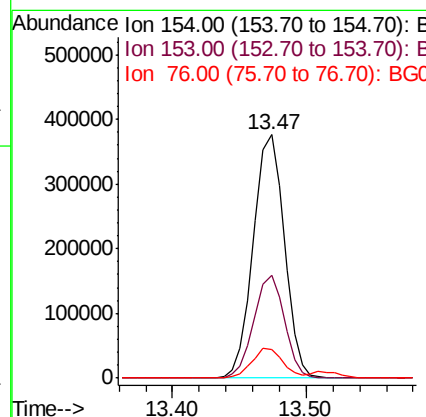
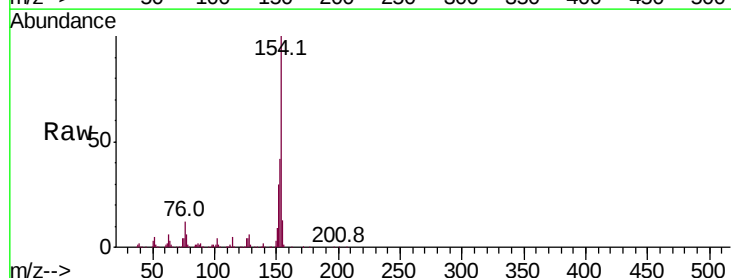
Instrument :
BNA_G
ClientSampleId :
PB128245BS

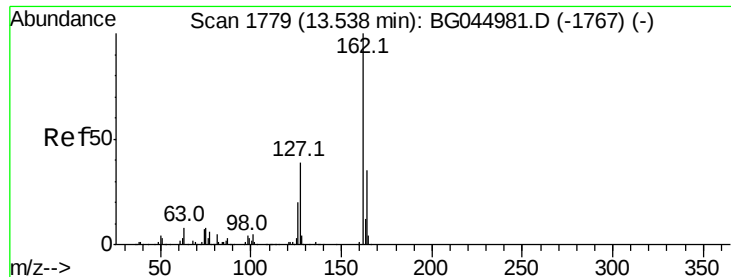
Tot Ion:172 Resp: 1099903
Ion Ratio Lower Upper
172 100
171 37.4 30.6 46.0
170 24.6 20.5 30.7



#46
1,1'-Biphenyl
Concen: 43.442 ng
RT: 13.47 min Scan# 1768
Delta R.T. -0.00 min
Lab File: BG045161.D
Acq: 24 Apr 2020 15:02

Tgt Ion:154 Resp: 604844
Ion Ratio Lower Upper
154 100
153 42.3 21.9 61.9
76 12.0 0.0 33.1





#47

2-Chloronaphthalene

Concen: 43.859 ng

RT: 13.52 min Scan# 1775

Delta R.T. -0.00 min

Lab File: BG045161.D

Acq: 24 Apr 2020 15:02

Instrument :

BNA_G

ClientSampleId :

PB128245BS

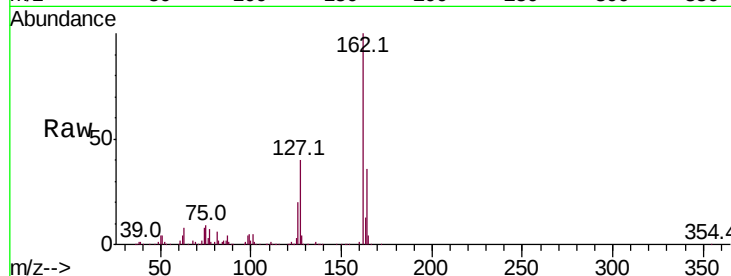
Tot Ion:162 Resp: 466594

Ion Ratio Lower Upper

162 100

127 40.1 31.3 46.9

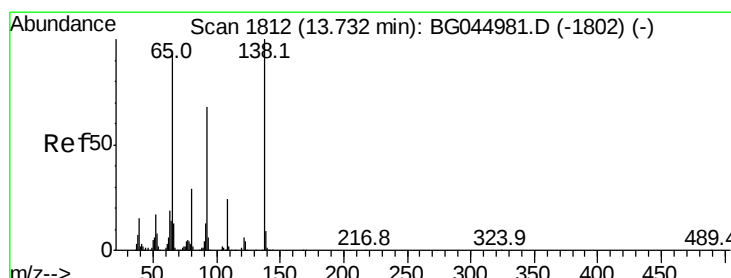
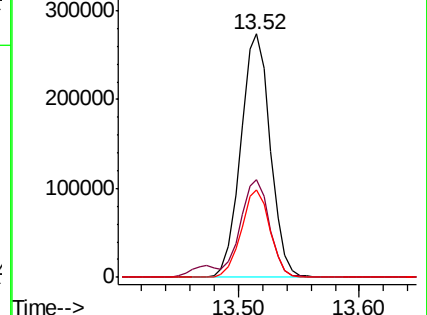
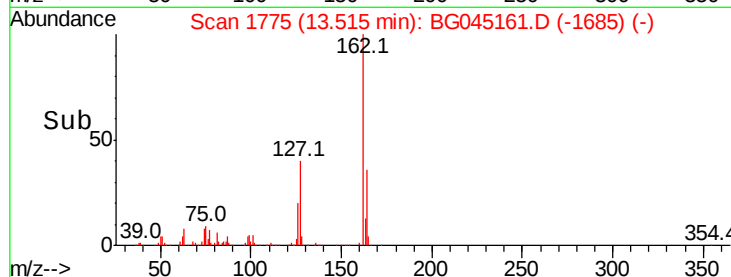
164 35.8 27.8 41.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 44.545 ng

RT: 13.71 min Scan# 1808

Delta R.T. -0.00 min

Lab File: BG045161.D

Acq: 24 Apr 2020 15:02

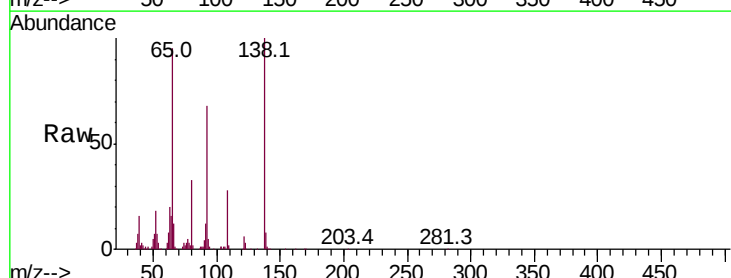
Tgt Ion: 65 Resp: 155921

Ion Ratio Lower Upper

65 100

92 71.4 58.3 87.5

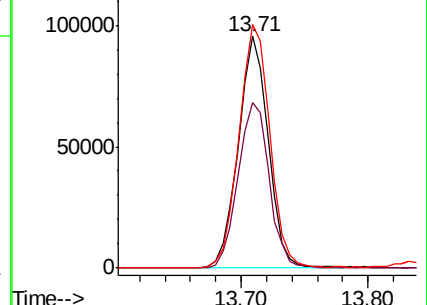
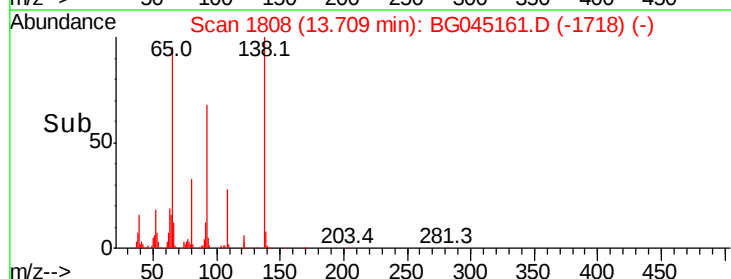
138 105.0 85.6 128.4

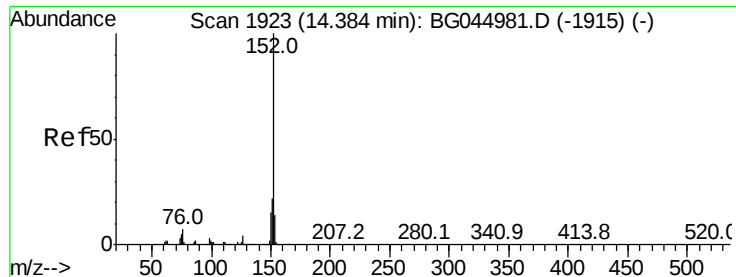


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 44.580 ng

RT: 14.36 min Scan# 1919

Delta R.T. -0.00 min

Lab File: BG045161.D

Acq: 24 Apr 2020 15:02

Instrument :

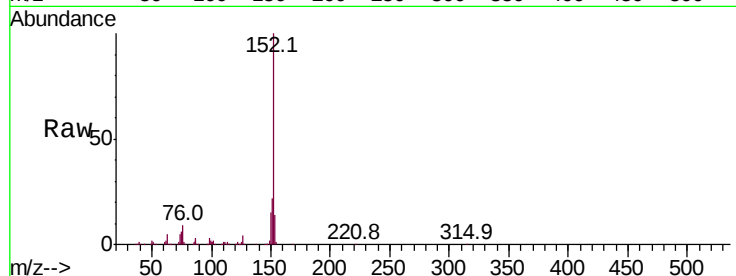
BNA_G

ClientSampleId :

PB128245BS

Tot Ion:152 Resp: 772517

Ion	Ratio	Lower	Upper
152	100		
151	22.0	17.2	25.8
153	14.1	11.0	16.4

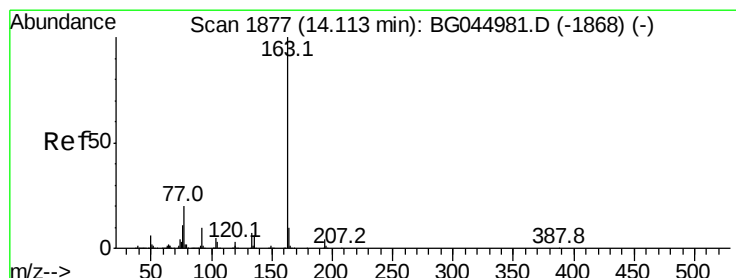
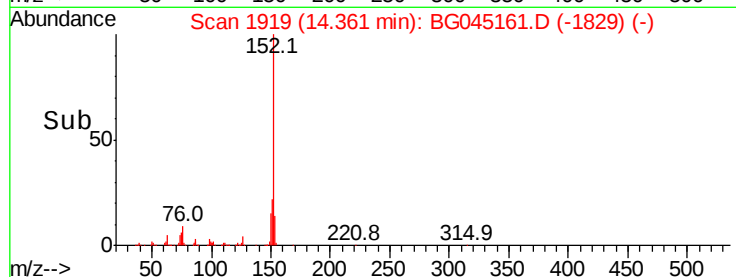
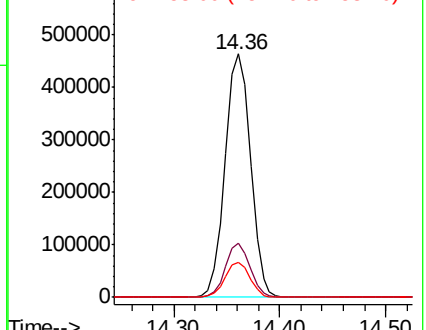


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 44.319 ng

RT: 14.09 min Scan# 1873

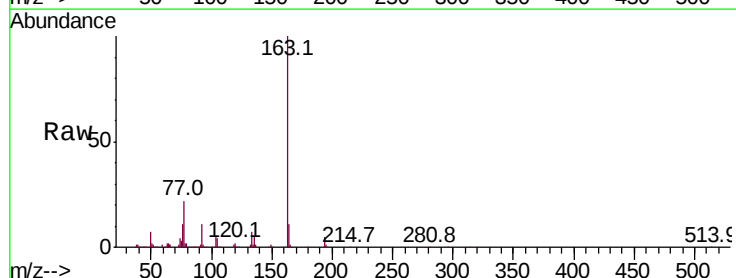
Delta R.T. -0.00 min

Lab File: BG045161.D

Acq: 24 Apr 2020 15:02

Tgt Ion:163 Resp: 661032

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.5	5.3
164	10.5	8.2	12.4

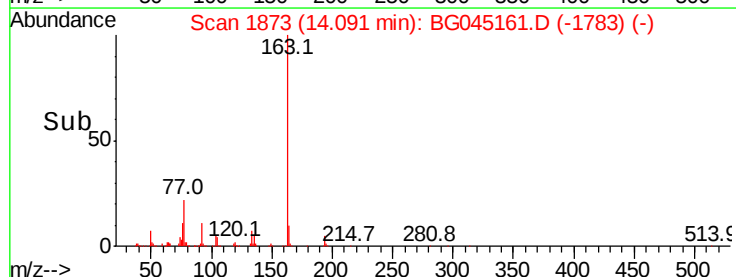
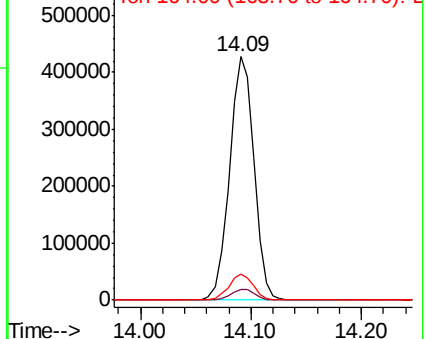


Abundance

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

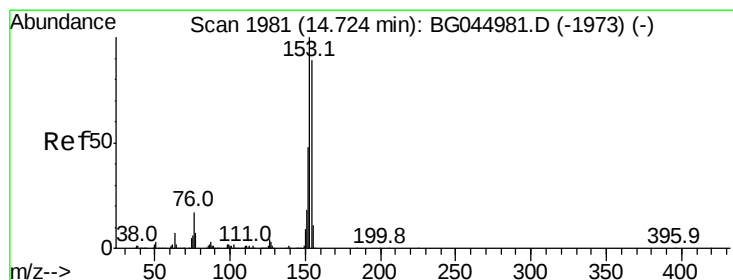
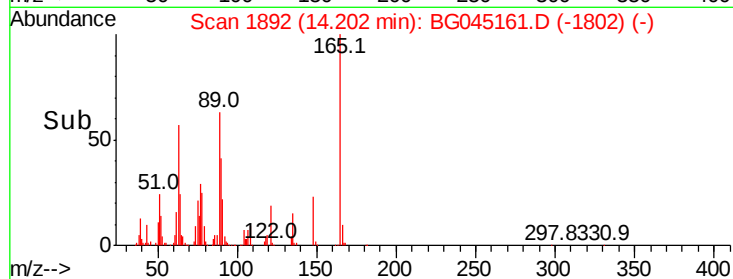
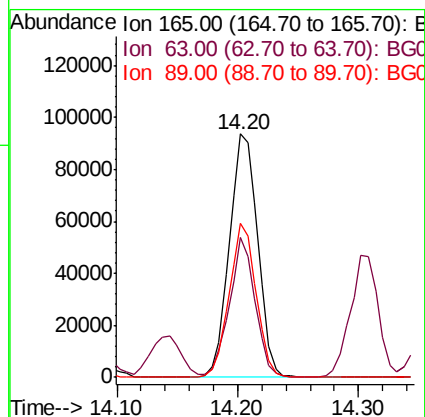
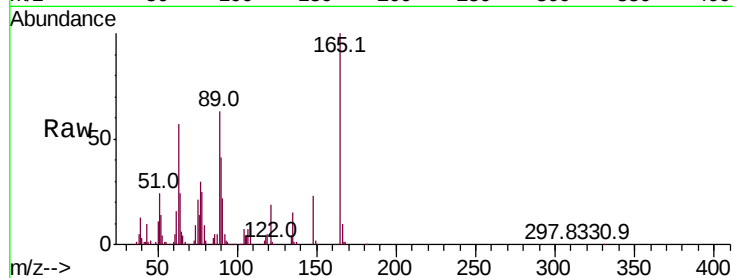




#51
2,6-Dinitrotoluene
Concen: 45.711 ng
RT: 14.20 min Scan# 1892
Delta R.T. -0.00 min
Lab File: BG045161.D
Acq: 24 Apr 2020 15:02

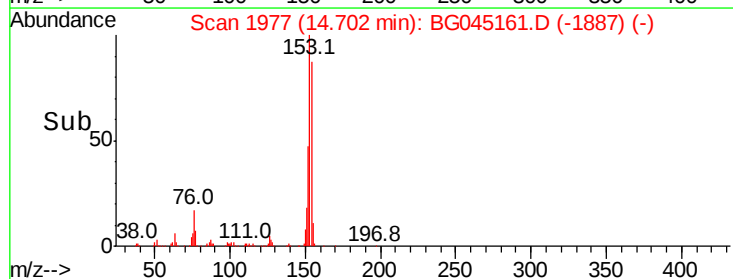
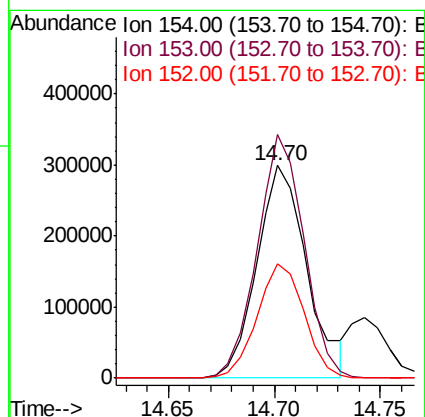
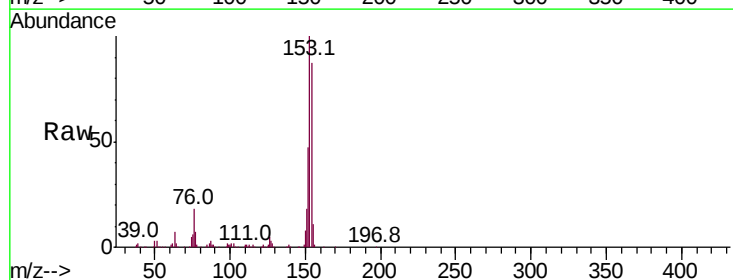
Instrument :
BNA_G
ClientSampleId :
PB128245BS

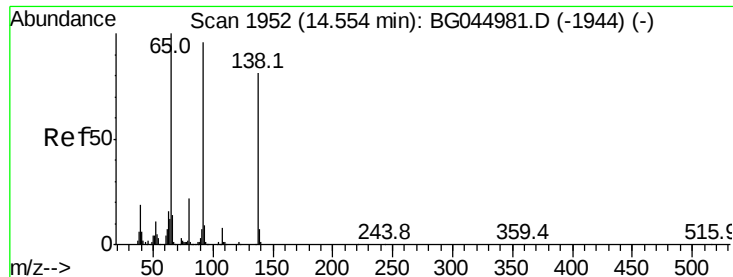
Tot Ion:165 Resp: 152498
Ion Ratio Lower Upper
165 100
63 57.5 40.4 60.6
89 63.5 49.1 73.7



#52
Acenaphthene
Concen: 41.987 ng
RT: 14.70 min Scan# 1977
Delta R.T. -0.00 min
Lab File: BG045161.D
Acq: 24 Apr 2020 15:02

Tgt Ion:154 Resp: 492273
Ion Ratio Lower Upper
154 100
153 114.5 89.7 134.5
152 53.9 43.1 64.7





#53

3-Nitroaniline

Concen: 24.668 ng

RT: 14.54 min Scan# 1949

Delta R.T. -0.00 min

Lab File: BG045161.D

Acq: 24 Apr 2020 15:02

Instrument :

BNA_G

ClientSampleId :

PB128245BS

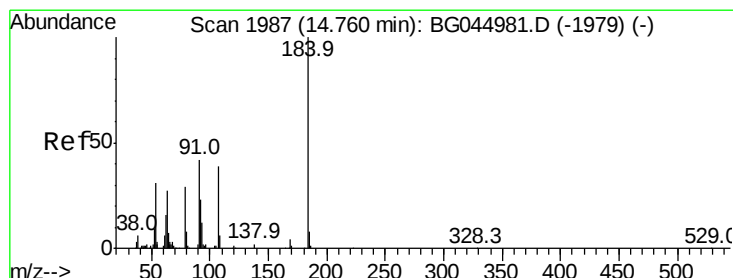
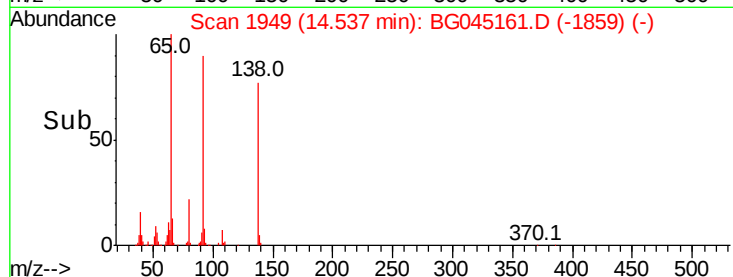
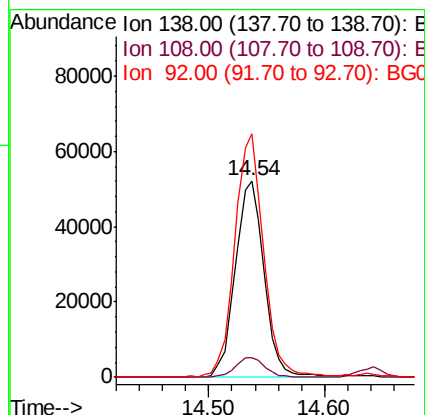
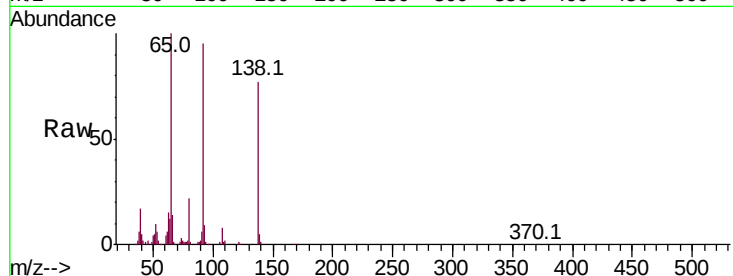
Tot Ion:138 Resp: 90258

Ion Ratio Lower Upper

138 100

108 9.8 7.8 11.8

92 123.7 94.5 141.7



#54

2,4-Dinitrophenol

Concen: 102.907 ng

RT: 14.74 min Scan# 1984

Delta R.T. -0.00 min

Lab File: BG045161.D

Acq: 24 Apr 2020 15:02

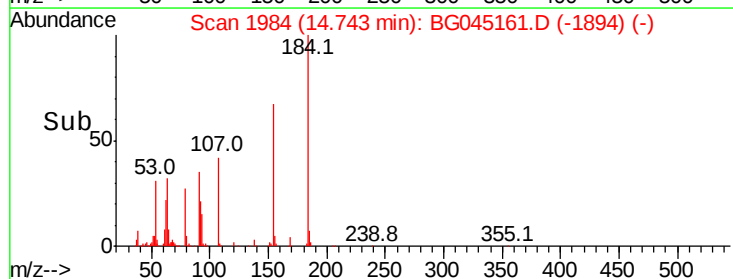
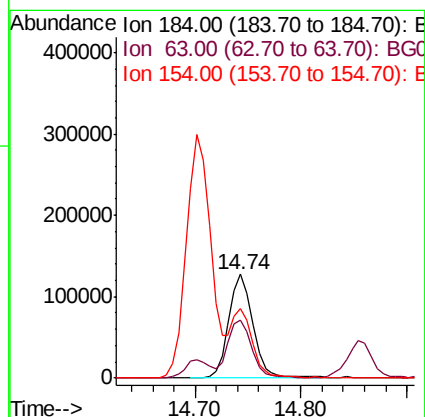
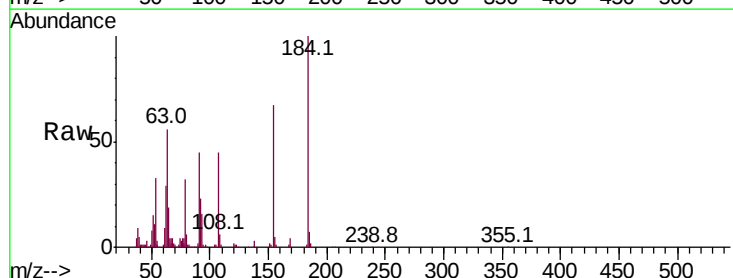
Tgt Ion:184 Resp: 204144

Ion Ratio Lower Upper

184 100

63 56.3 41.5 62.3

154 66.5 52.3 78.5





#55

Dibenzofuran

Concen: 44.636 ng

RT: 15.04 min Scan# 2034

Delta R.T. -0.00 min

Lab File: BG045161.D

Acq: 24 Apr 2020 15:02

Instrument :

BNA_G

ClientSampleId :

PB128245BS

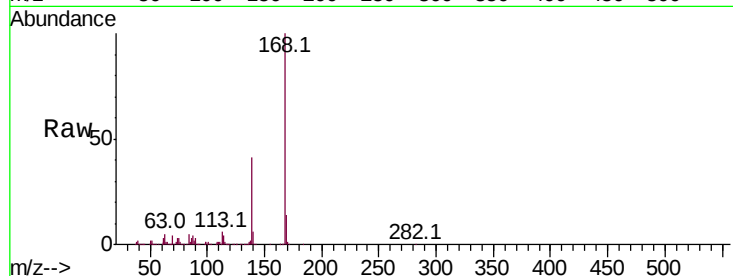
Tot Ion:168 Resp: 762979

Ion Ratio Lower Upper

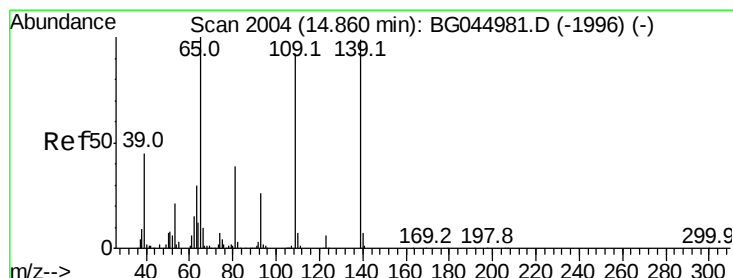
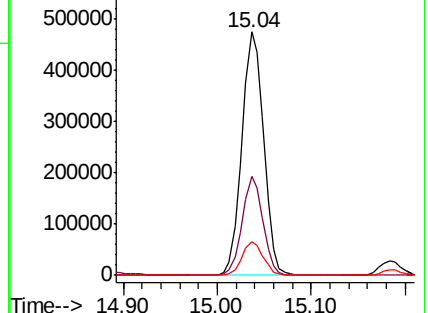
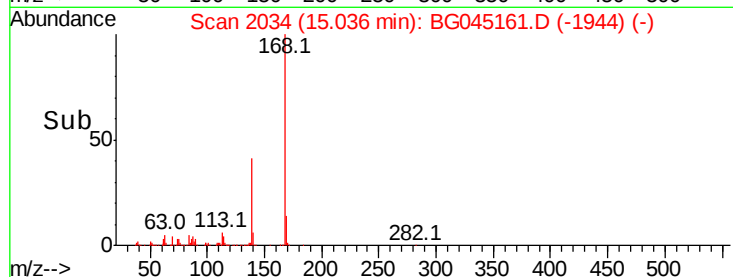
168 100

139 40.6 30.4 45.6

169 13.7 11.0 16.4



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 88.250 ng

RT: 14.85 min Scan# 2003

Delta R.T. -0.00 min

Lab File: BG045161.D

Acq: 24 Apr 2020 15:02

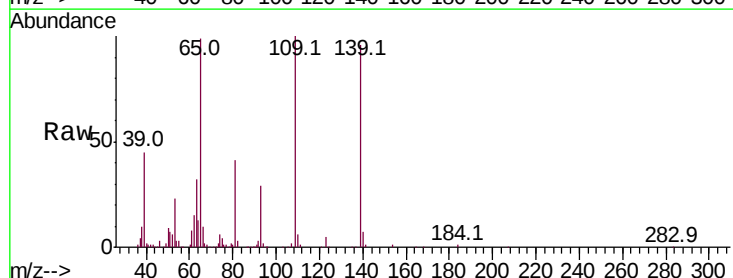
Tgt Ion:139 Resp: 250367

Ion Ratio Lower Upper

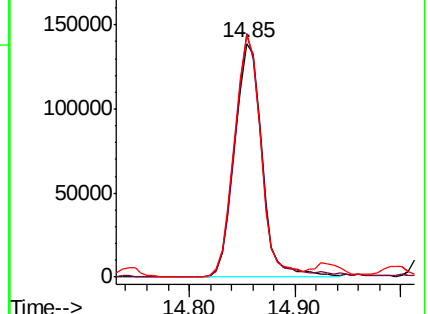
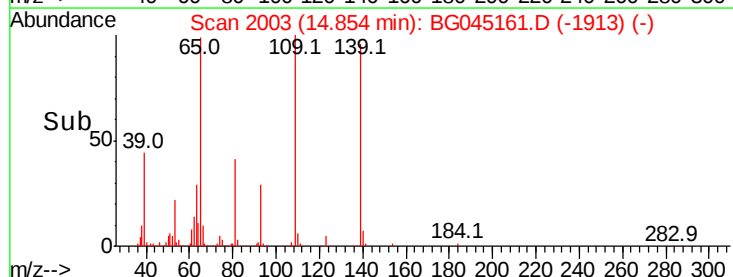
139 100

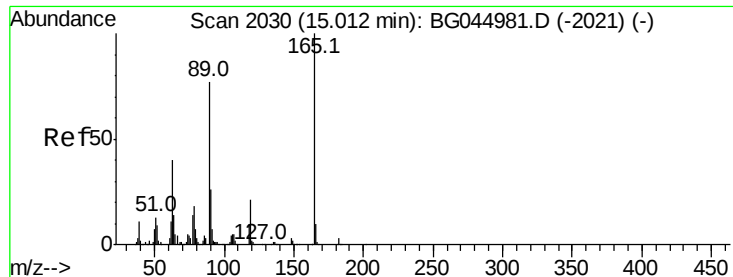
109 104.3 73.6 113.6

65 103.8 81.2 121.2



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

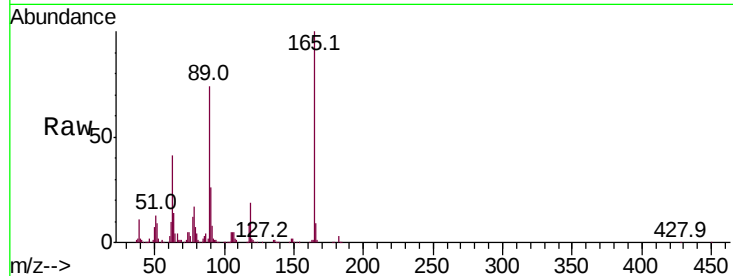




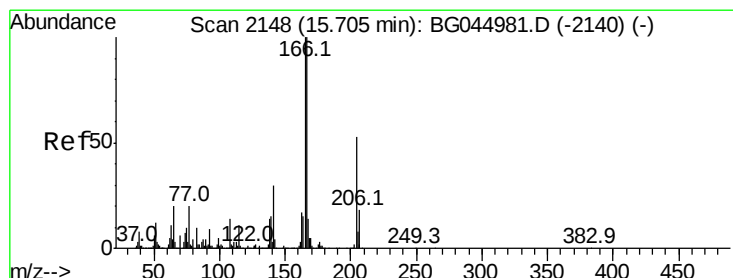
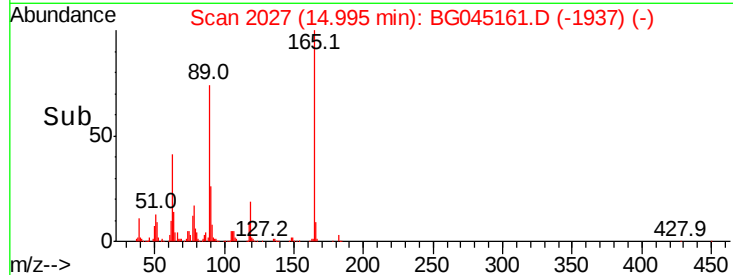
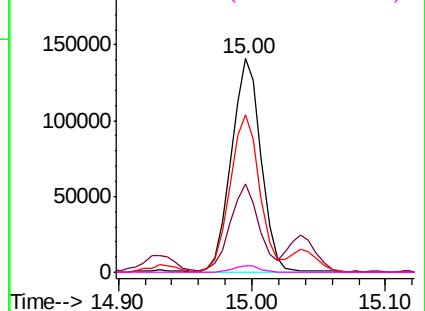
#57
2,4-Dinitrotoluene
Concen: 44.672 ng
RT: 15.00 min Scan# 2027
Delta R.T. -0.00 min
Lab File: BG045161.D
Acq: 24 Apr 2020 15:02

Instrument :
BNA_G
ClientSampleId :
PB128245BS

Tot Ion:165 Resp: 217793
Ion Ratio Lower Upper
165 100
63 41.4 32.2 48.2
89 73.9 61.7 92.5
182 2.8 2.0 3.0

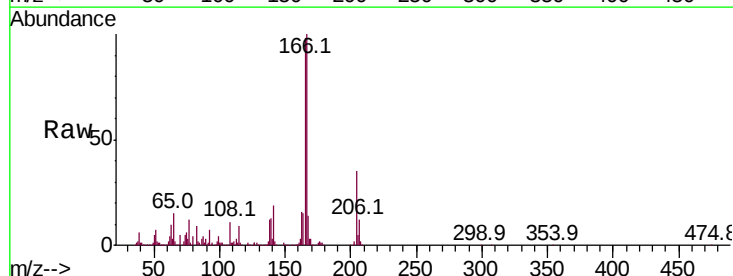


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

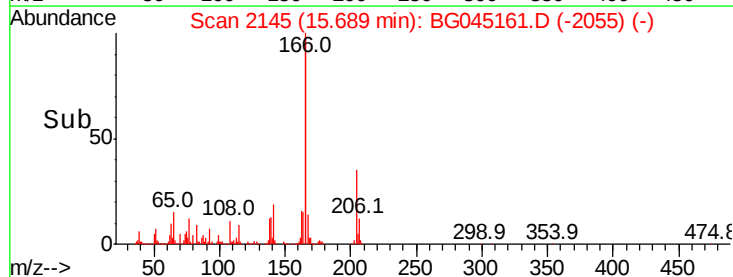
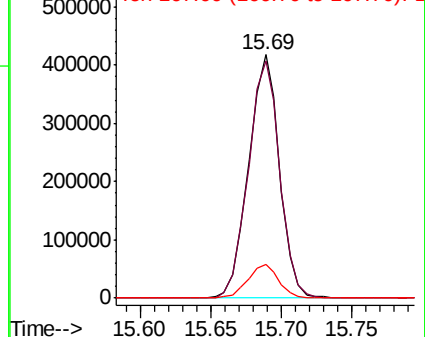


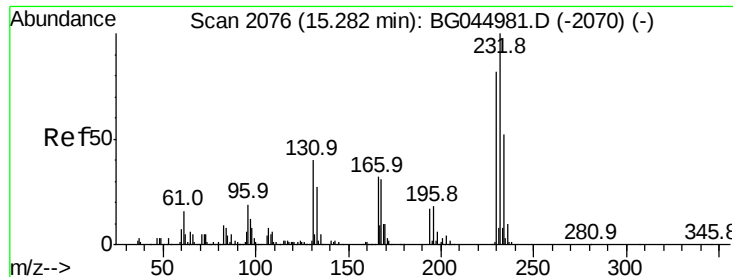
#58
Fluorene
Concen: 45.765 ng
RT: 15.69 min Scan# 2145
Delta R.T. -0.00 min
Lab File: BG045161.D
Acq: 24 Apr 2020 15:02

Tgt Ion:166 Resp: 638986
Ion Ratio Lower Upper
166 100
165 97.6 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

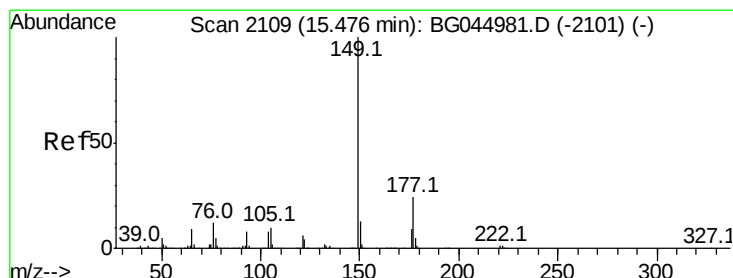
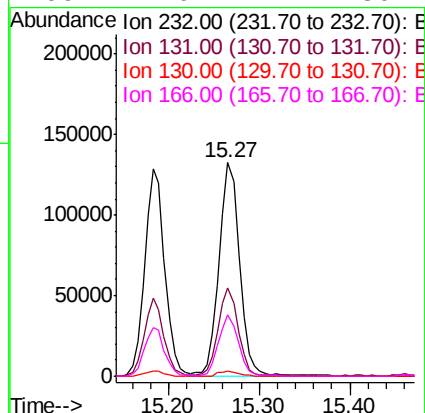
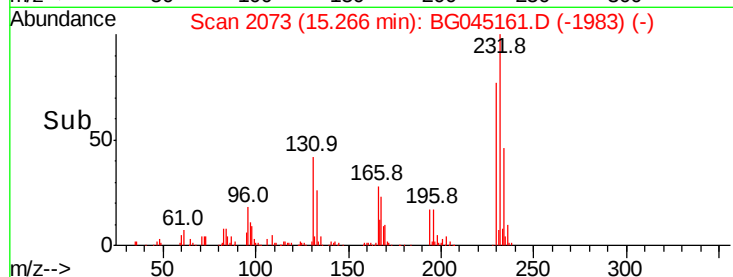
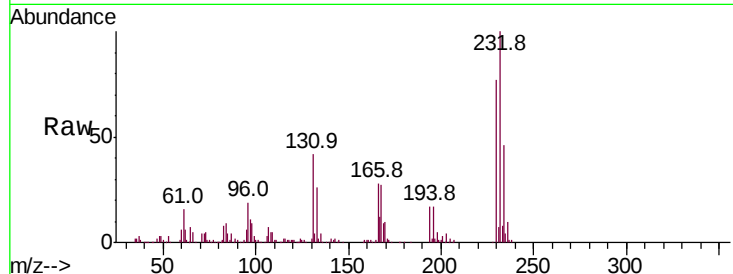




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.330 ng
 RT: 15.27 min Scan# 2073
 Delta R.T. -0.00 min
 Lab File: BG045161.D
 Acq: 24 Apr 2020 15:02

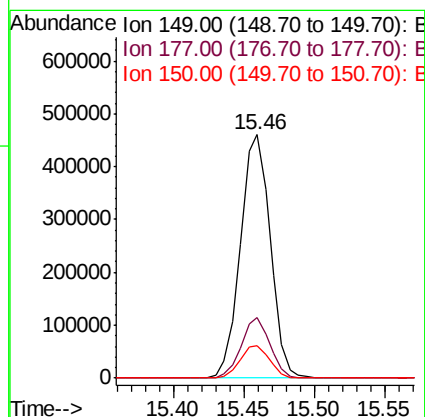
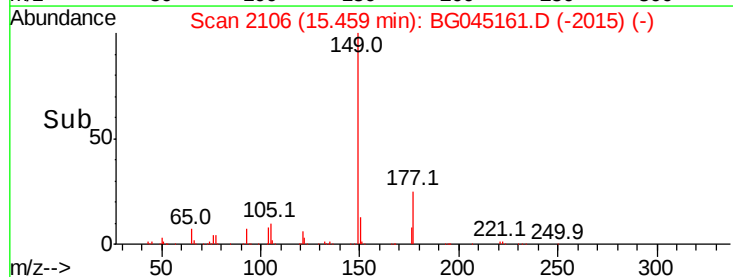
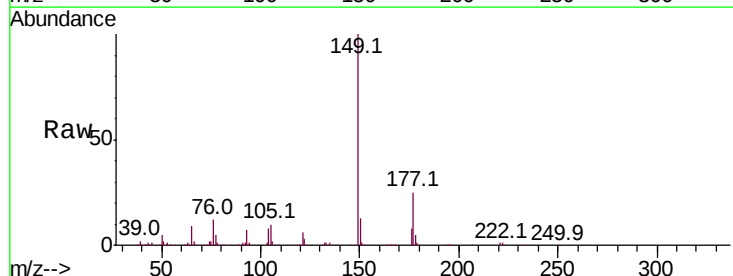
Instrument :
 BNA_G
 ClientSampleId :
 PB128245BS

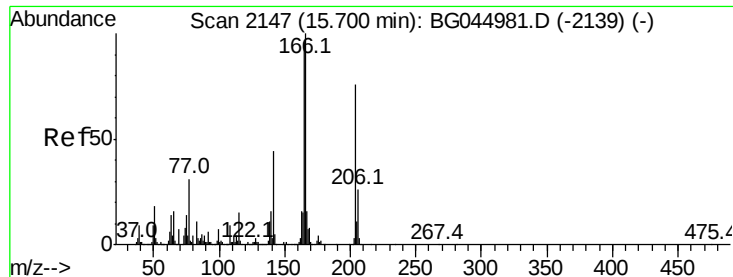
Tot Ion:	232	Resp:	207968
Ion	Ratio	Lower	Upper
232	100		
131	39.5	32.2	48.2
130	2.4	2.2	3.2
166	27.9	24.2	36.4



#60
 Diethylphthalate
 Concen: 43.816 ng
 RT: 15.46 min Scan# 2106
 Delta R.T. 0.00 min
 Lab File: BG045161.D
 Acq: 24 Apr 2020 15:02

Tgt Ion:	149	Resp:	681364
Ion	Ratio	Lower	Upper
149	100		
177	24.7	18.9	28.3
150	13.1	10.6	15.8

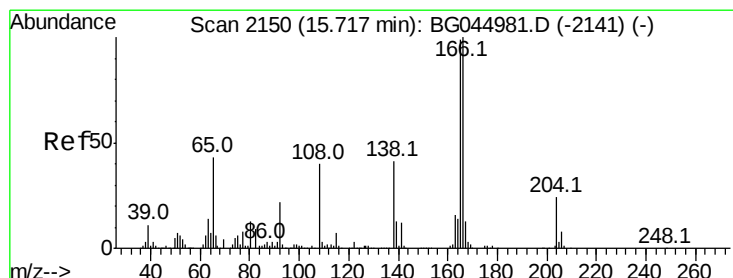
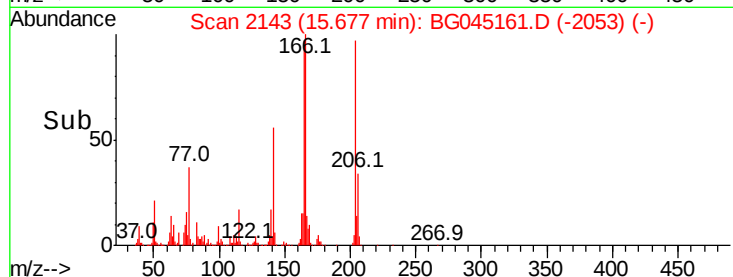
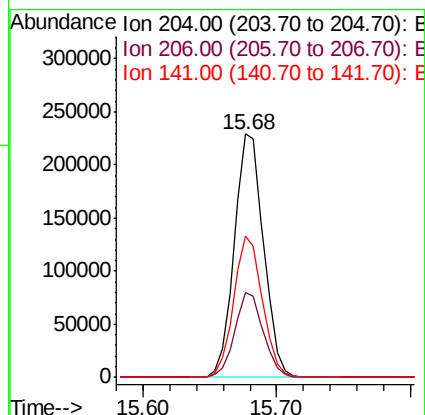
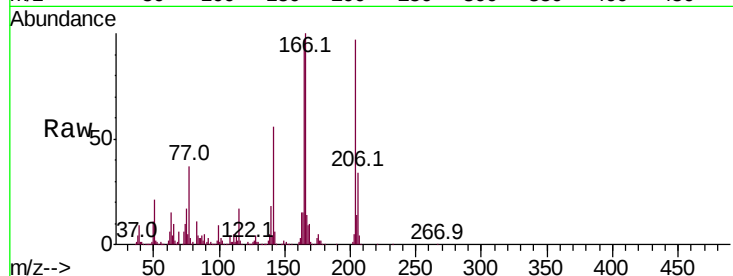




#61
4-Chlorophenyl-phenylether
Concen: 43.446 ng
RT: 15.68 min Scan# 2143
Delta R.T. -0.00 min
Lab File: BG045161.D
Acq: 24 Apr 2020 15:02

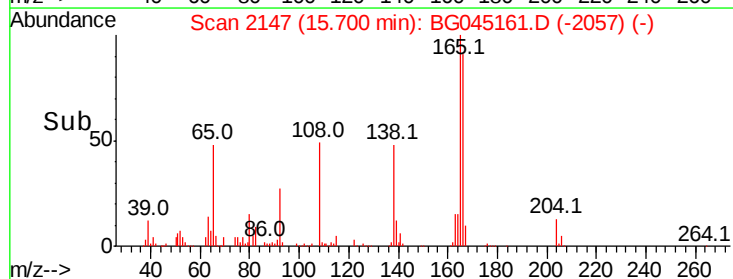
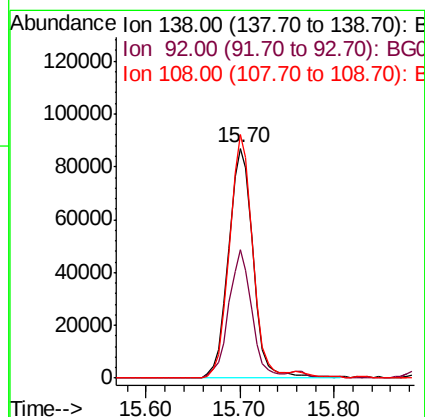
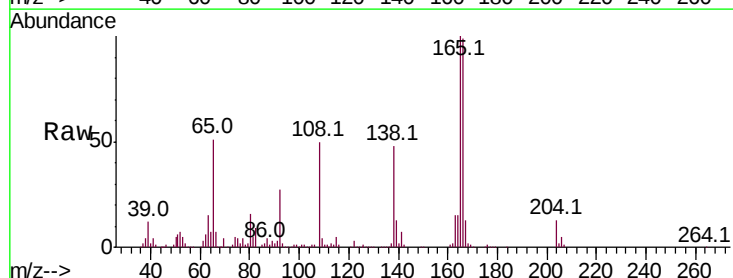
Instrument :
BNA_G
ClientSampleId :
PB128245BS

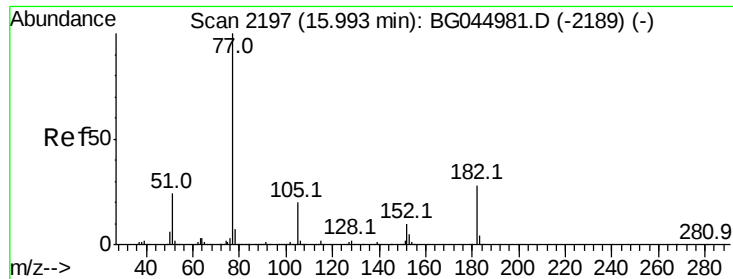
Tot Ion	Ratio	Lower	Upper
204	100		
206	34.9	26.9	40.3
141	58.0	46.3	69.5



#62
4-Nitroaniline
Concen: 41.854 ng
RT: 15.70 min Scan# 2147
Delta R.T. -0.00 min
Lab File: BG045161.D
Acq: 24 Apr 2020 15:02

Tgt Ion	Ratio	Lower	Upper
138	100		
92	56.1	33.6	73.6
108	106.0	78.2	118.2

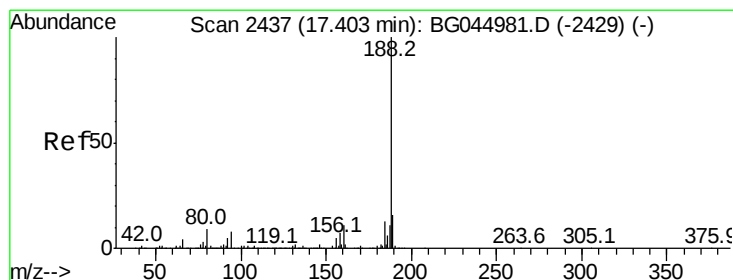
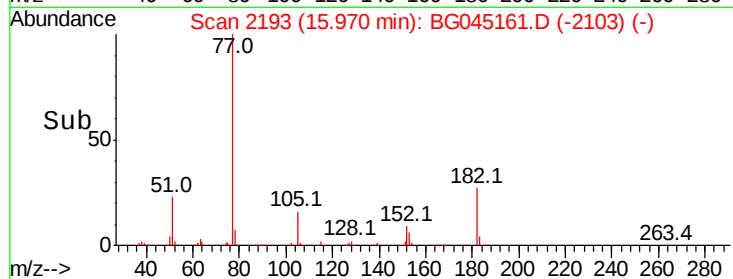
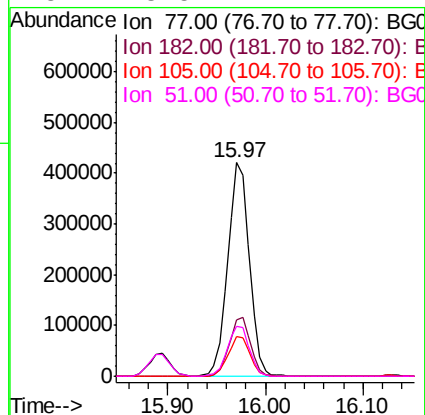
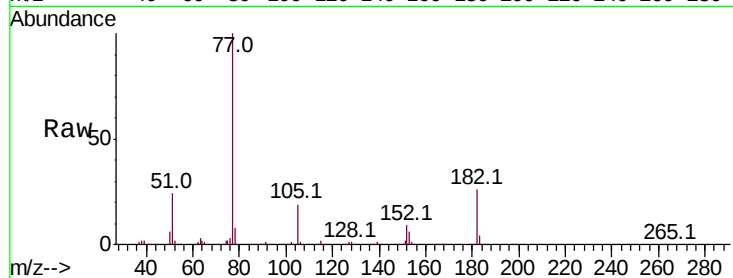




#63
Azobenzene
Concen: 44.782 ng
RT: 15.97 min Scan# 2193
Delta R.T. -0.00 min
Lab File: BG045161.D
Acq: 24 Apr 2020 15:02

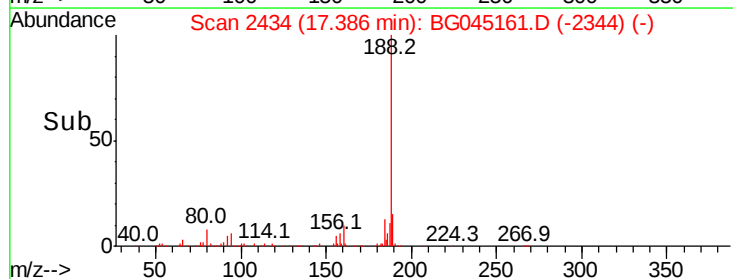
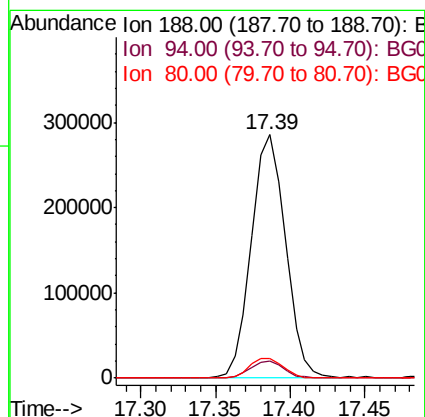
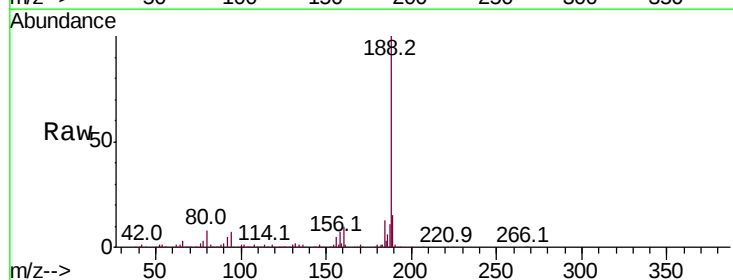
Instrument :
BNA_G
ClientSampleId :
PB128245BS

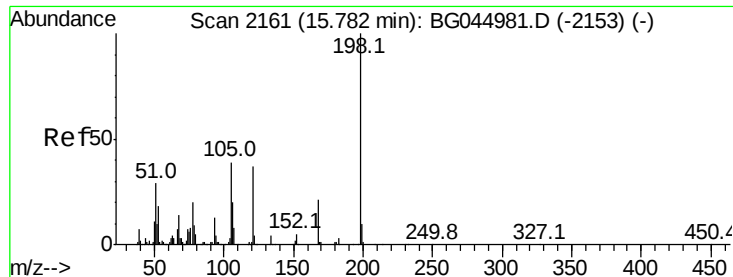
Tot Ion:	77	Resp:	642044
Ion	Ratio	Lower	Upper
77	100		
182	26.3	8.4	48.4
105	18.5	0.5	40.5
51	23.5	4.4	44.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2434
Delta R.T. -0.00 min
Lab File: BG045161.D
Acq: 24 Apr 2020 15:02

Tgt Ion:	188	Resp:	452690
Ion	Ratio	Lower	Upper
188	100		
94	7.1	6.2	9.4
80	7.8	7.0	10.6

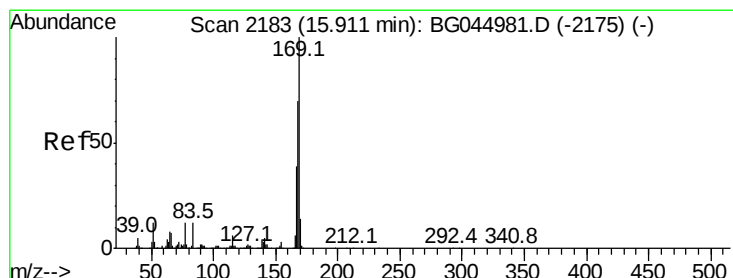
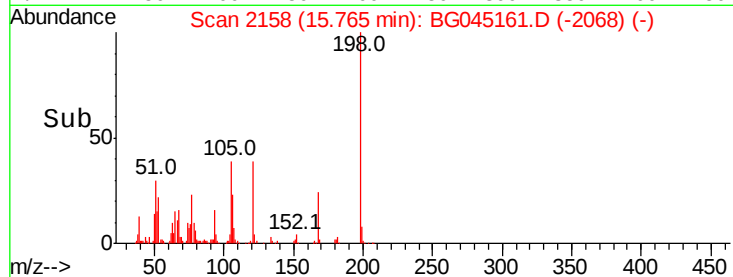
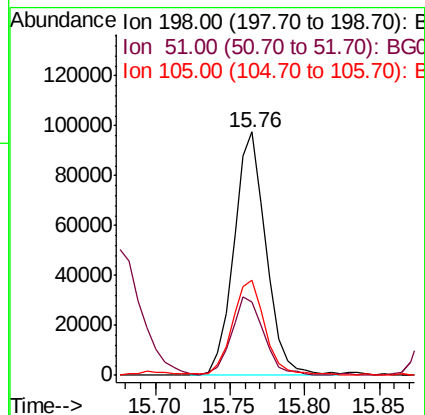
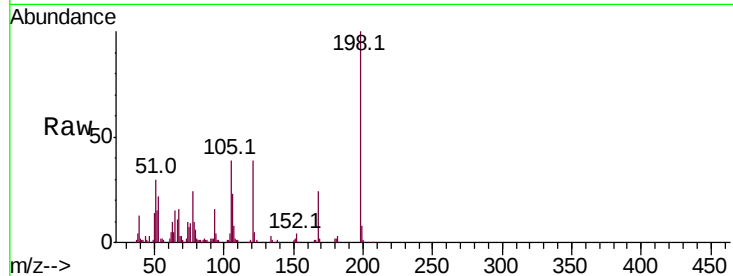




#65
 4,6-Dinitro-2-methylphenol
 Concen: 49.077 ng
 RT: 15.76 min Scan# 2158
 Delta R.T. -0.00 min
 Lab File: BG045161.D
 Acq: 24 Apr 2020 15:02

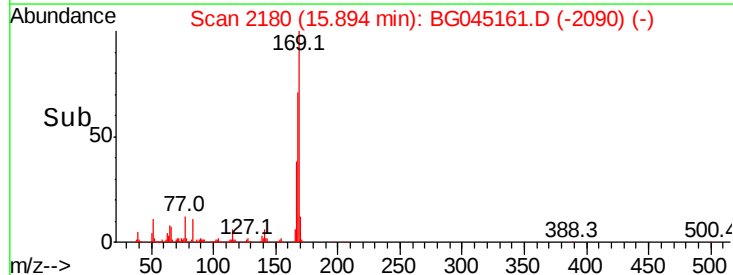
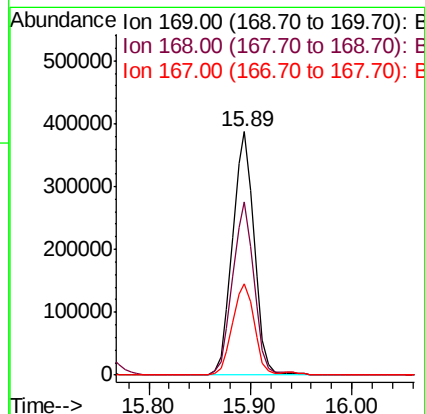
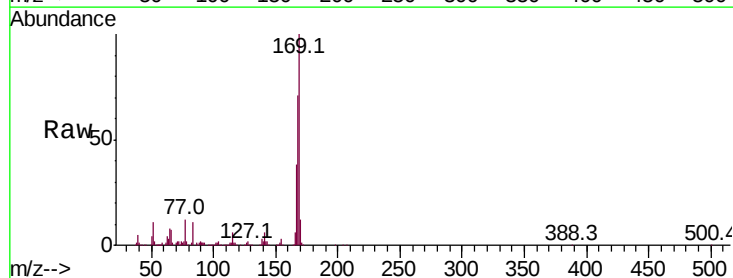
Instrument :
 BNA_G
 ClientSampleId :
 PB128245BS

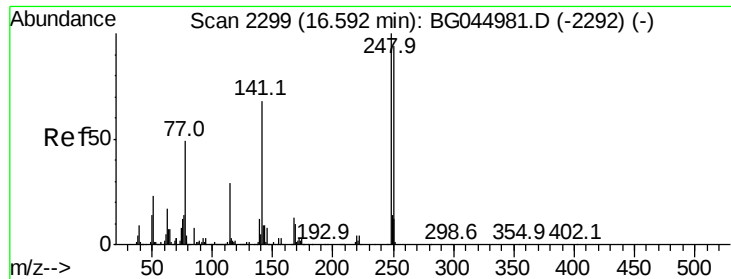
Tot Ion	Ratio	Lower	Upper
198	100		
51	30.0	10.0	50.0
105	39.2	18.9	58.9



#66
 n-Nitrosodiphenylamine
 Concen: 44.286 ng
 RT: 15.89 min Scan# 2180
 Delta R.T. -0.00 min
 Lab File: BG045161.D
 Acq: 24 Apr 2020 15:02

Tgt Ion	Ratio	Lower	Upper
169	100		
168	70.9	55.8	83.8
167	37.7	30.8	46.2

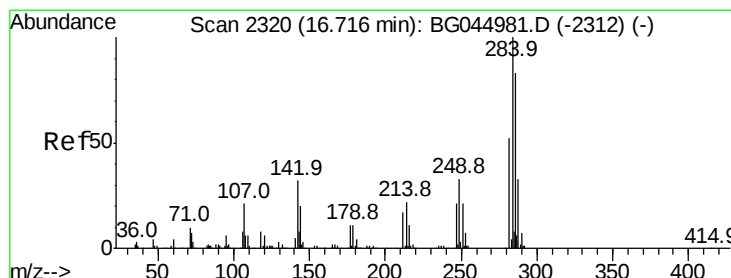
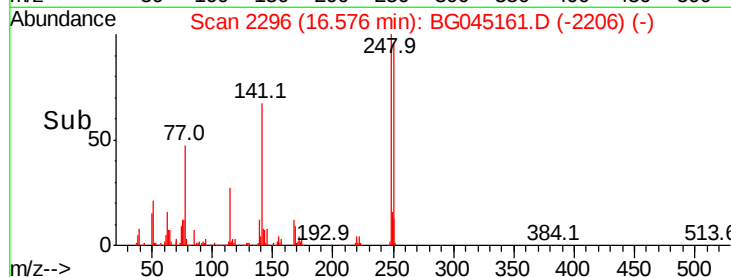
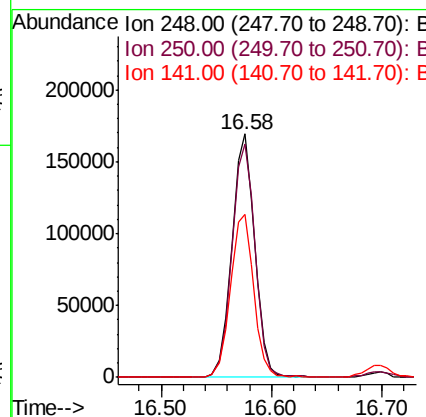
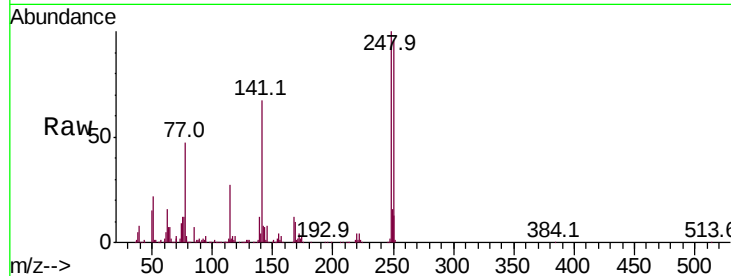




#67
4-Bromophenyl-phenylether
Concen: 42.164 ng
RT: 16.58 min Scan# 2296
Delta R.T. -0.00 min
Lab File: BG045161.D
Acq: 24 Apr 2020 15:02

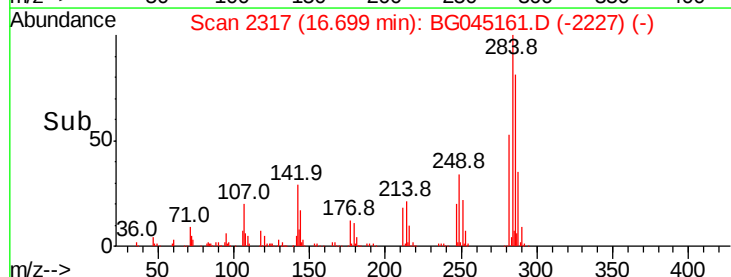
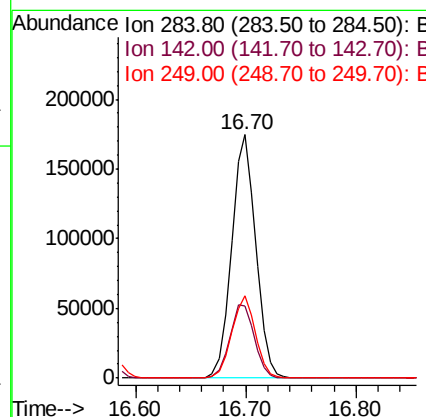
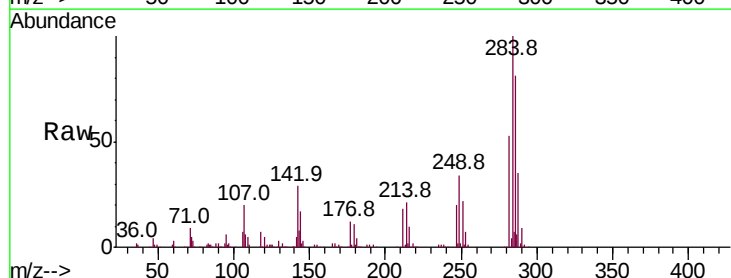
Instrument :
BNA_G
ClientSampleId :
PB128245BS

Tot Ion:248 Resp: 246242
Ion Ratio Lower Upper
248 100
250 95.8 75.4 113.2
141 66.8 54.4 81.6



#68
Hexachlorobenzene
Concen: 44.081 ng
RT: 16.70 min Scan# 2317
Delta R.T. -0.00 min
Lab File: BG045161.D
Acq: 24 Apr 2020 15:02

Tgt Ion:284 Resp: 266992
Ion Ratio Lower Upper
284 100
142 29.5 25.8 38.6
249 34.0 26.6 39.8





#69

Atrazine

Concen: 52.084 ng

RT: 16.84 min Scan# 2341

Delta R.T. -0.00 min

Lab File: BG045161.D

Acq: 24 Apr 2020 15:02

Instrument :

BNA_G

ClientSampleId :

PB128245BS

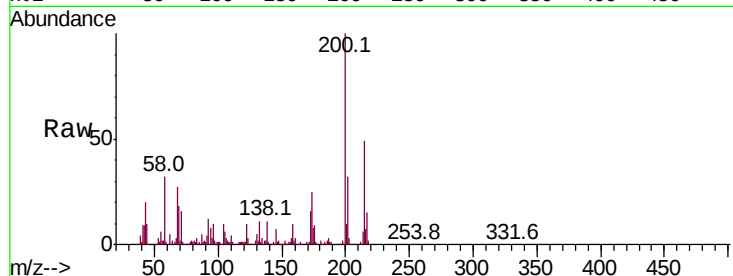
Tot Ion:200 Resp: 243520

Ion Ratio Lower Upper

200 100

173 25.4 4.5 44.5

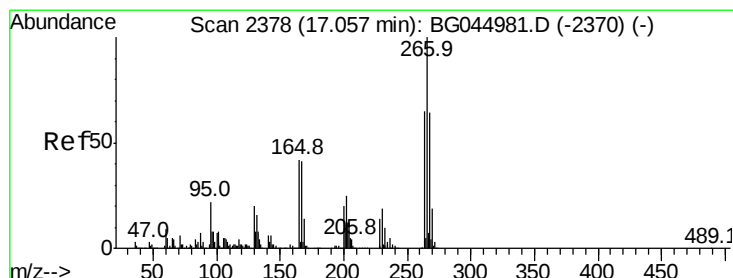
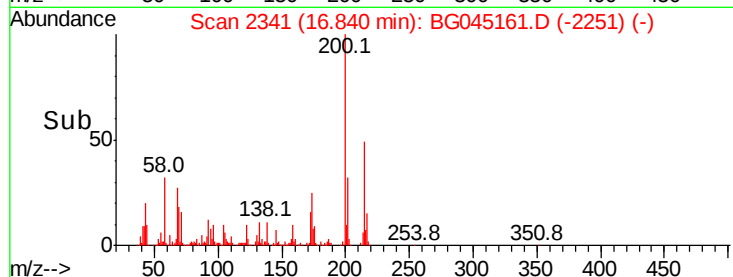
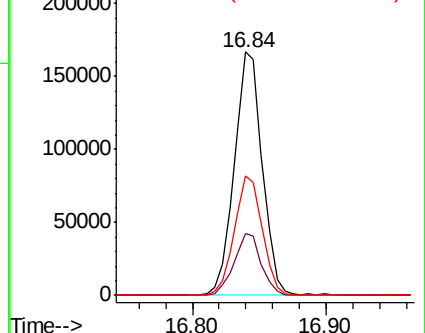
215 48.9 30.0 70.0



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: 87.316 ng

RT: 17.04 min Scan# 2375

Delta R.T. -0.00 min

Lab File: BG045161.D

Acq: 24 Apr 2020 15:02

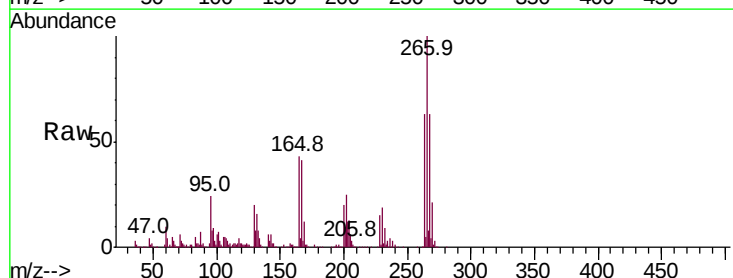
Tgt Ion:266 Resp: 324437

Ion Ratio Lower Upper

266 100

268 63.2 51.5 77.3

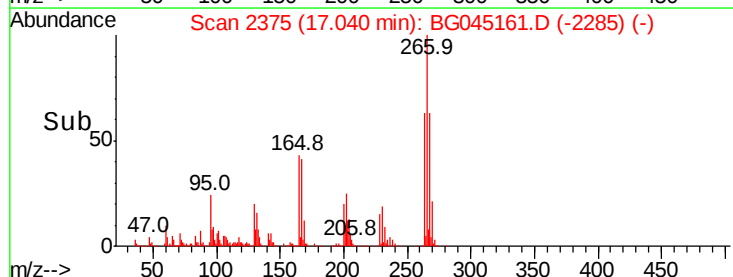
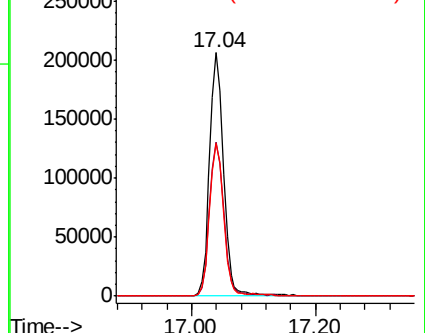
264 62.5 52.2 78.4

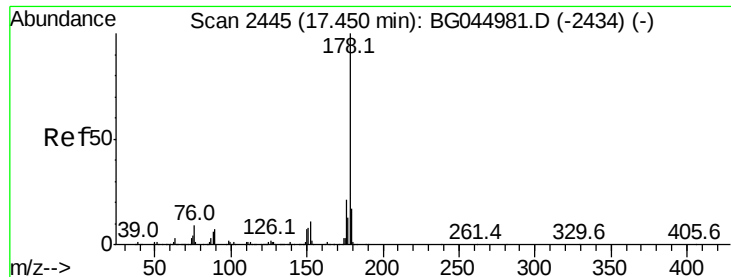


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 44.884 ng

RT: 17.43 min Scan# 2441

Delta R.T. -0.00 min

Lab File: BG045161.D

Acq: 24 Apr 2020 15:02

Instrument :

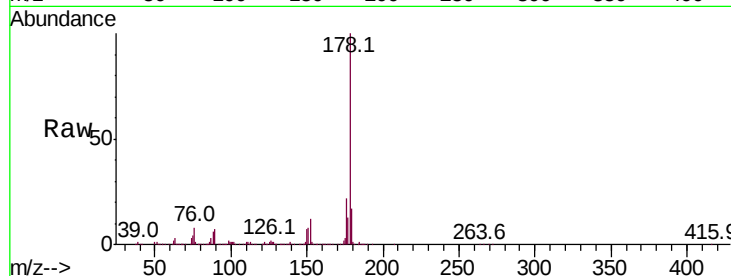
BNA_G

ClientSampleId :

PB128245BS

Tot Ion:178 Resp: 1044106

Ion	Ratio	Lower	Upper
178	100		
176	21.9	16.8	25.2
179	16.9	13.2	19.8

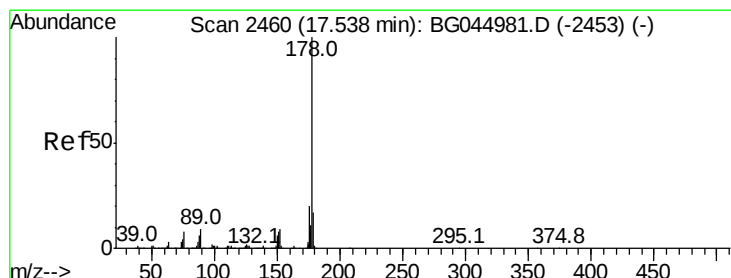
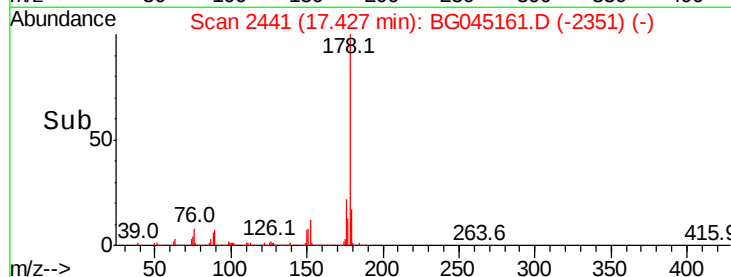
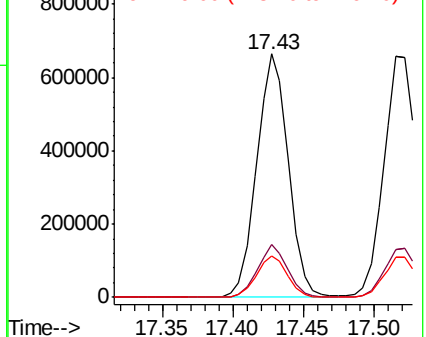


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 46.293 ng

RT: 17.52 min Scan# 2456

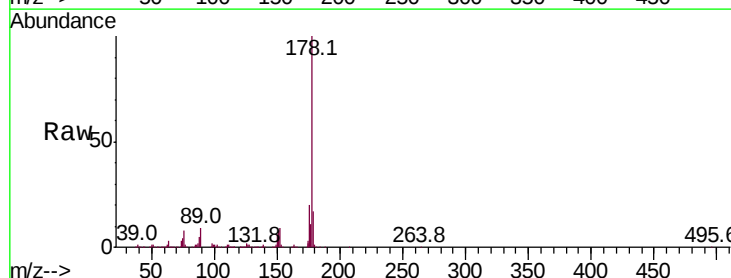
Delta R.T. -0.00 min

Lab File: BG045161.D

Acq: 24 Apr 2020 15:02

Tgt Ion:178 Resp: 1080227

Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.0	24.0
179	16.7	13.6	20.4

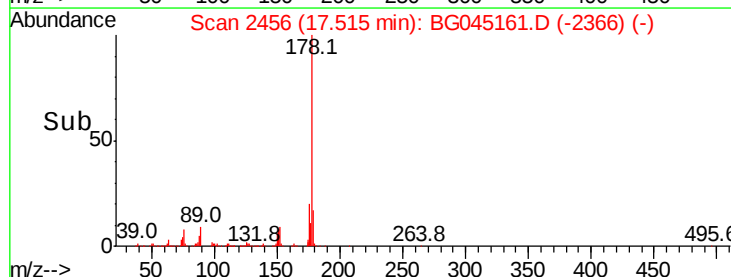
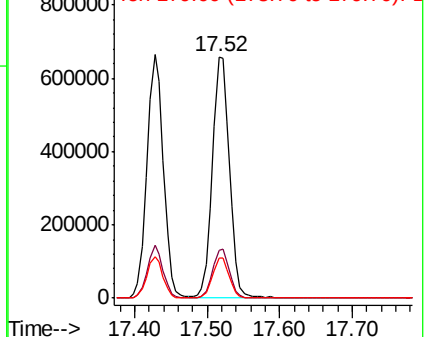


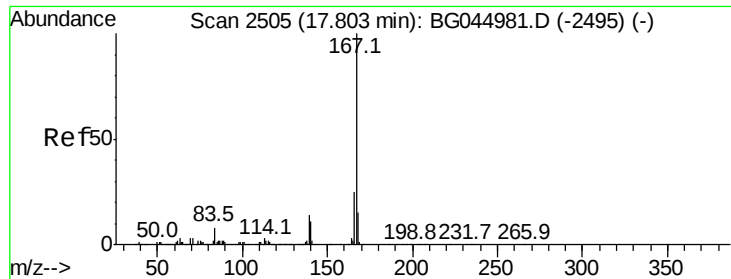
Abundance

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: 43.058 ng

RT: 17.79 min Scan# 2502

Delta R.T. -0.00 min

Lab File: BG045161.D

Acq: 24 Apr 2020 15:02

Instrument :

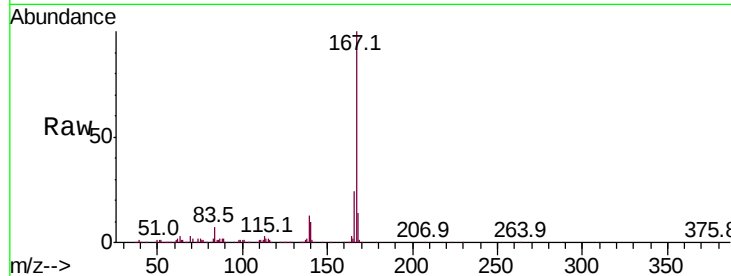
BNA_G

ClientSampleId :

PB128245BS

Tot Ion:167 Resp: 1019631

Ion	Ratio	Lower	Upper
167	100		
166	23.8	19.8	29.6
139	13.3	10.9	16.3

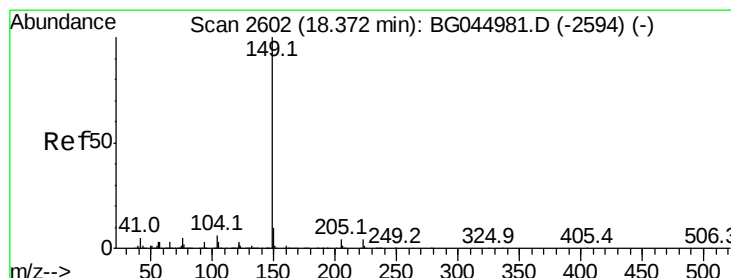
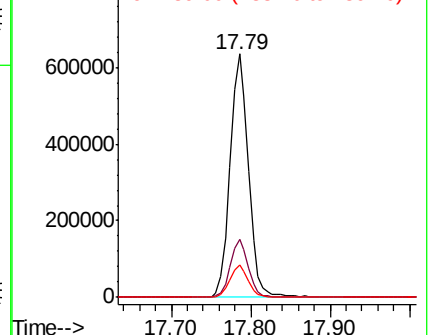
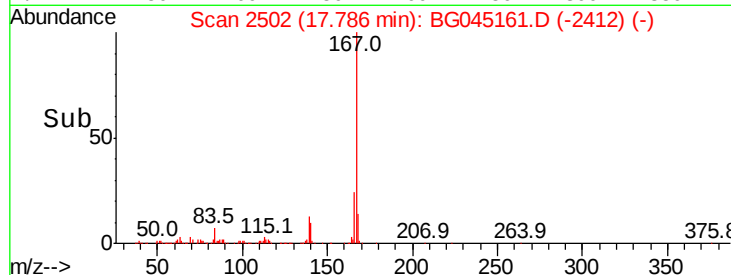


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 47.107 ng

RT: 18.35 min Scan# 2598

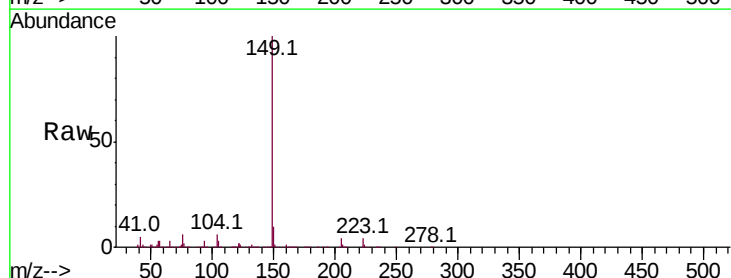
Delta R.T. -0.00 min

Lab File: BG045161.D

Acq: 24 Apr 2020 15:02

Tgt Ion:149 Resp: 1206958

Ion	Ratio	Lower	Upper
149	100		
150	10.3	8.2	12.2
104	6.0	4.8	7.2

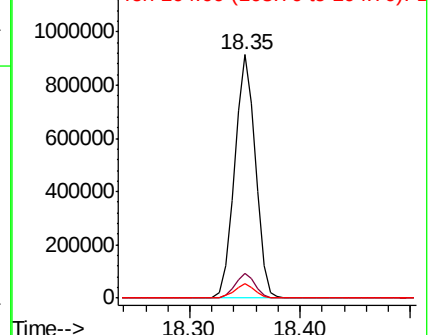
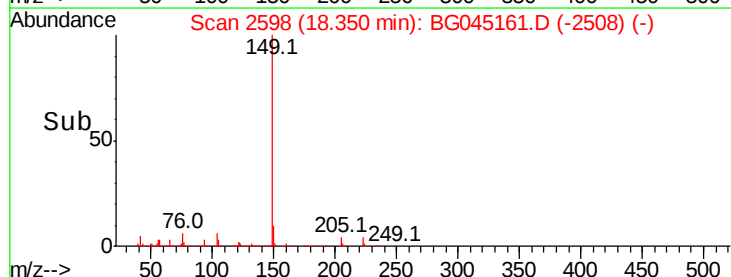


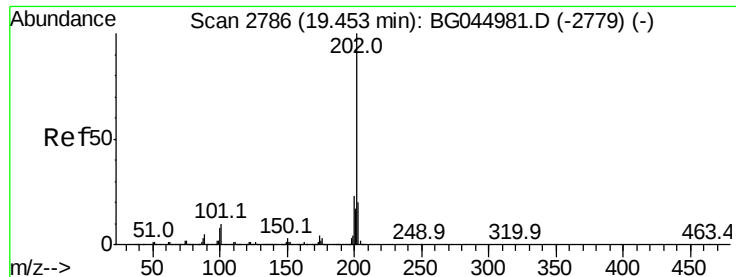
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 48.771 ng

RT: 19.44 min Scan# 2783

Delta R.T. -0.00 min

Lab File: BG045161.D

Acq: 24 Apr 2020 15:02

Instrument :

BNA_G

ClientSampleId :

PB128245BS

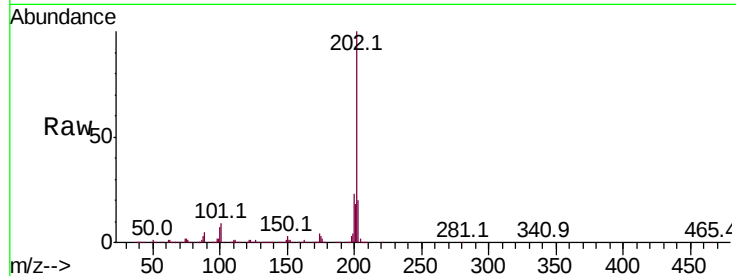
Tot Ion:202 Resp: 1319376

Ion Ratio Lower Upper

202 100

101 8.7 0.0 29.6

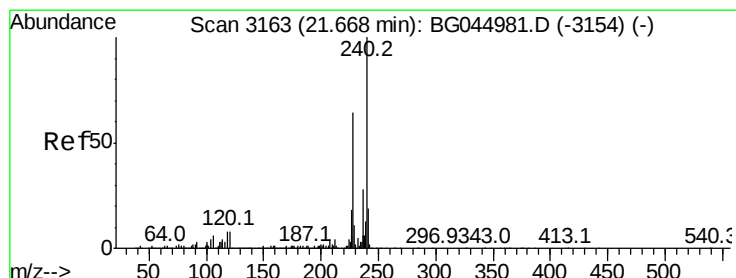
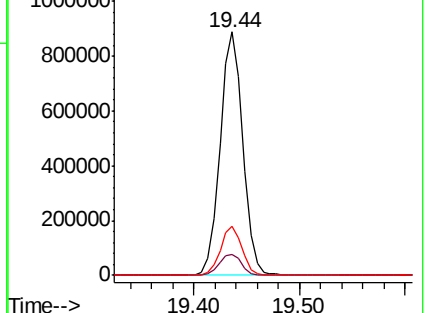
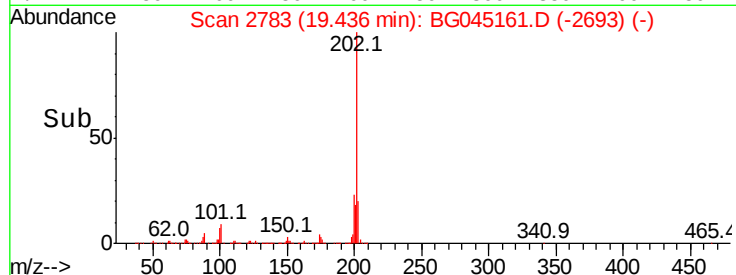
203 20.1 0.0 39.7



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: 21.65 min Scan# 3160

Delta R.T. -0.00 min

Lab File: BG045161.D

Acq: 24 Apr 2020 15:02

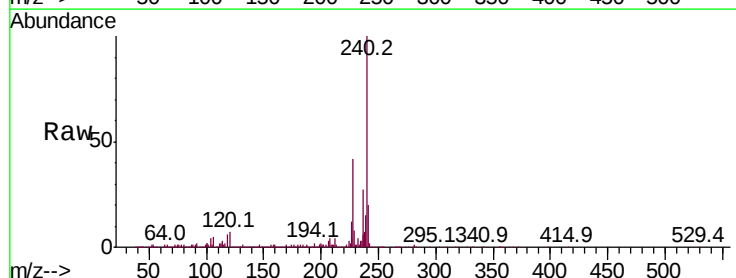
Tgt Ion:240 Resp: 433078

Ion Ratio Lower Upper

240 100

120 7.3 6.6 10.0

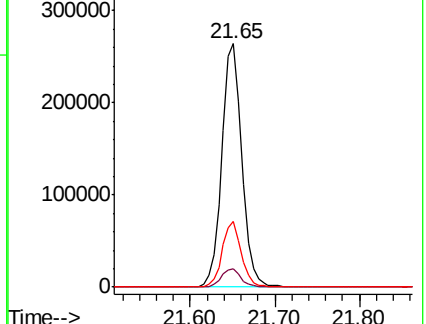
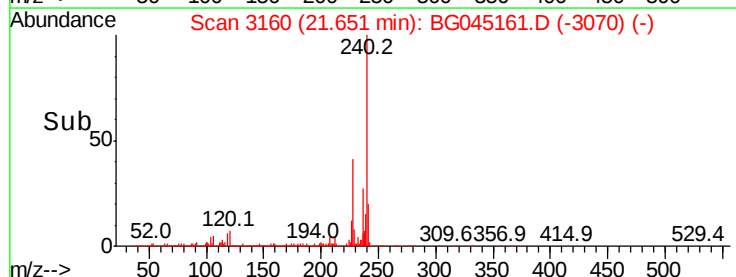
236 27.1 22.2 33.2



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: 49.767 ng

RT: 19.61 min Scan# 2813

Delta R.T. -0.00 min

Lab File: BG045161.D

Acq: 24 Apr 2020 15:02

Instrument :

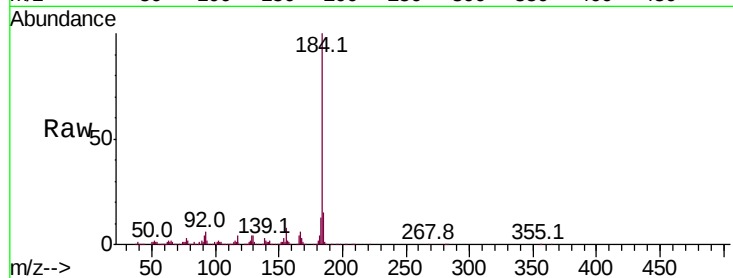
BNA_G

ClientSampleId :

PB128245BS

Tot Ion:184 Resp: 616344

Ion	Ratio	Lower	Upper
184	100		
185	15.0	12.6	19.0
183	12.7	11.3	16.9

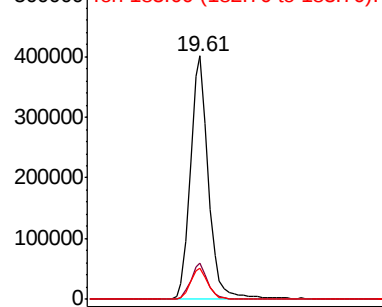


Abundance

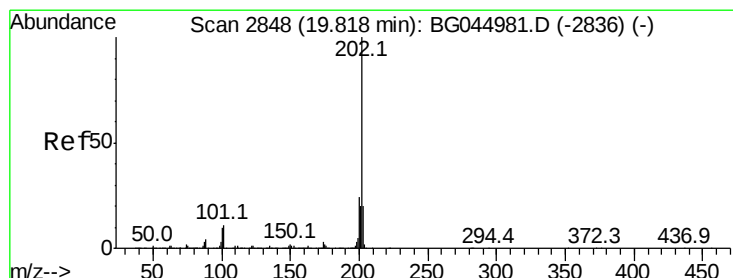
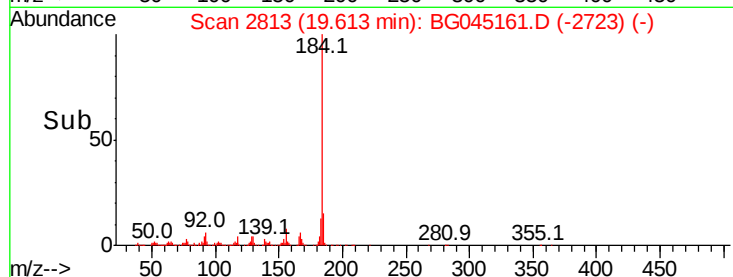
Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->



#78

Pyrene

Concen: 44.298 ng

RT: 19.79 min Scan# 2844

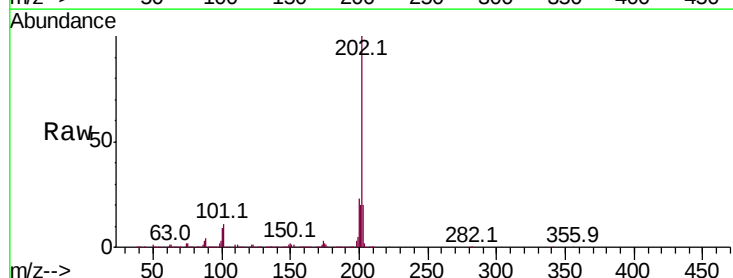
Delta R.T. -0.00 min

Lab File: BG045161.D

Acq: 24 Apr 2020 15:02

Tgt Ion:202 Resp: 1322590

Ion	Ratio	Lower	Upper
202	100		
200	23.0	19.0	28.6
203	19.7	16.1	24.1

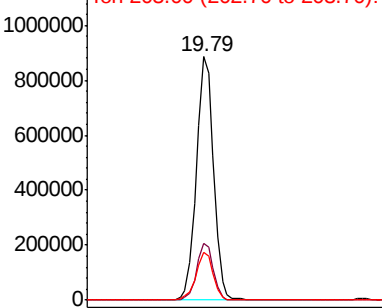


Abundance

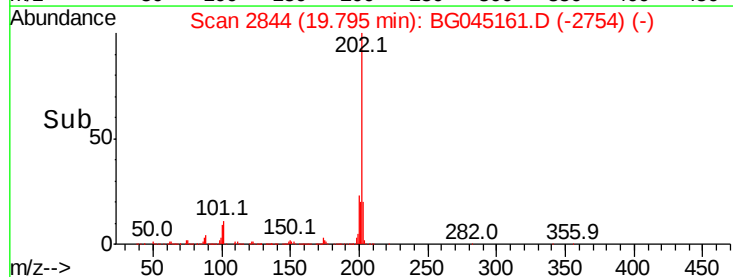
Ion 202.00 (201.70 to 202.70): E

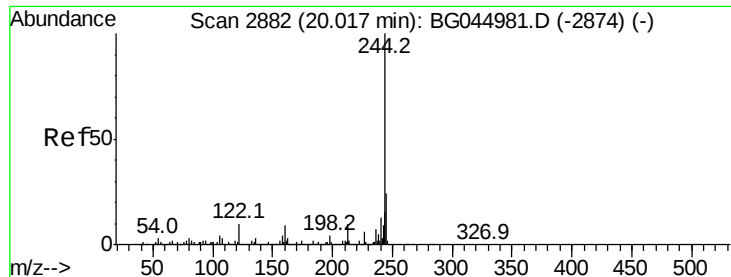
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->





#79

Terphenyl-d14

Concen: 98.517 ng

RT: 19.99 min Scan# 2878

Delta R.T. -0.00 min

Lab File: BG045161.D

Acq: 24 Apr 2020 15:02

Instrument :

BNA_G

ClientSampleId :

PB128245BS

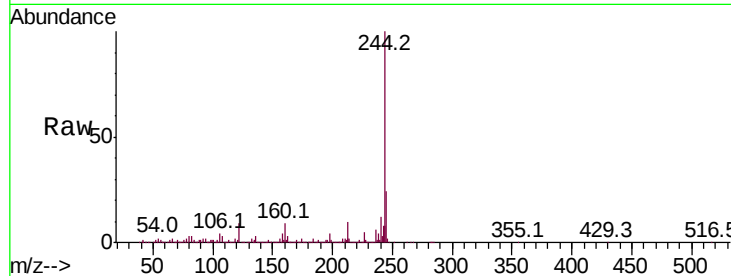
Tot Ion:244 Resp: 1957527

Ion Ratio Lower Upper

244 100

212 9.7 7.9 11.9

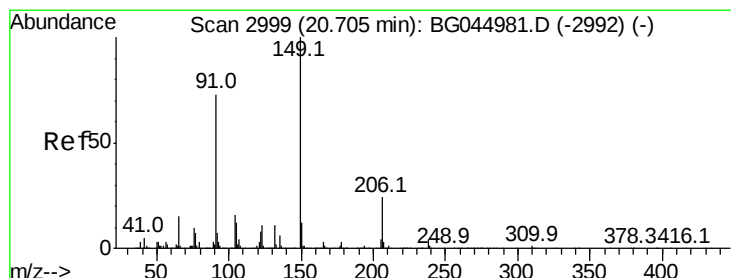
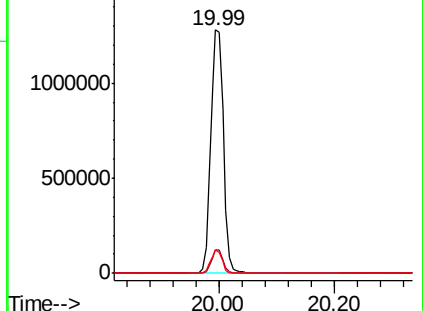
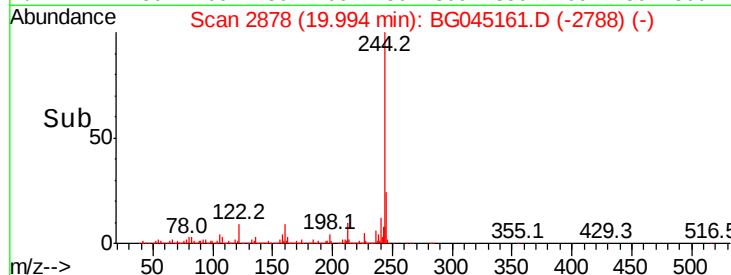
122 9.4 7.7 11.5



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: 43.502 ng

RT: 20.69 min Scan# 2996

Delta R.T. -0.00 min

Lab File: BG045161.D

Acq: 24 Apr 2020 15:02

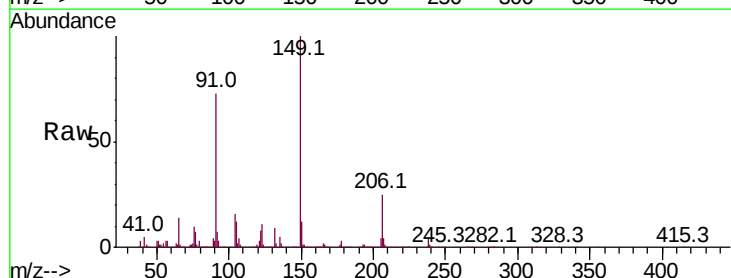
Tgt Ion:149 Resp: 538380

Ion Ratio Lower Upper

149 100

91 72.6 58.5 87.7

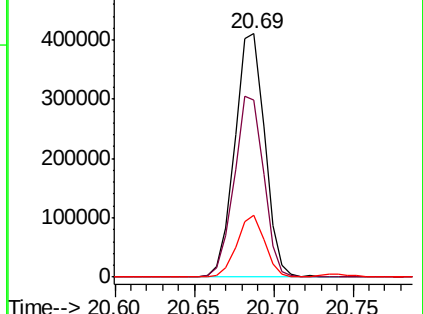
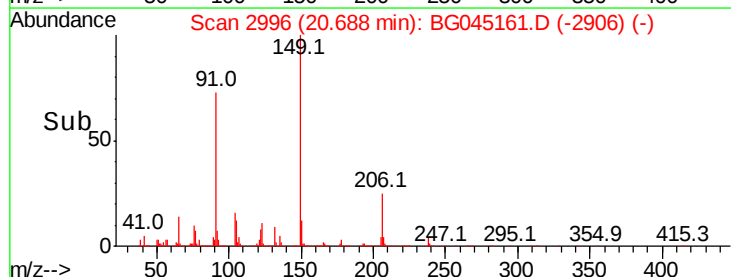
206 25.1 19.2 28.8

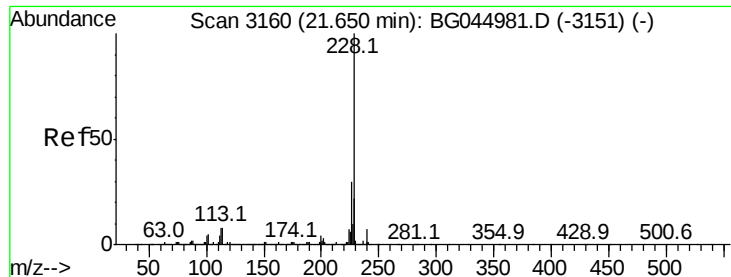


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.333 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.00 min

Lab File: BG045161.D

Acq: 24 Apr 2020 15:02

Instrument :

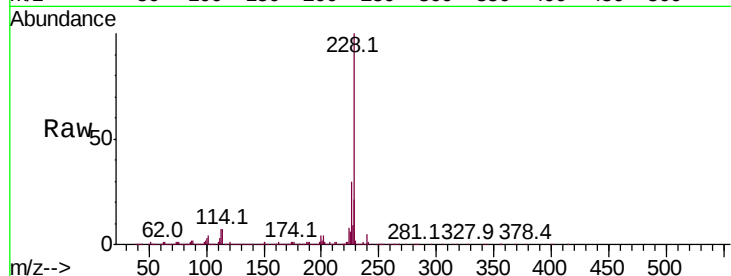
BNA_G

ClientSampleId :

PB128245BS

Tot Ion:228 Resp: 1244399

Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.0	36.0
229	21.4	17.5	26.3

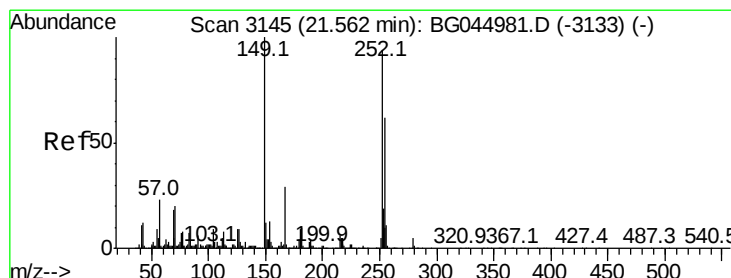
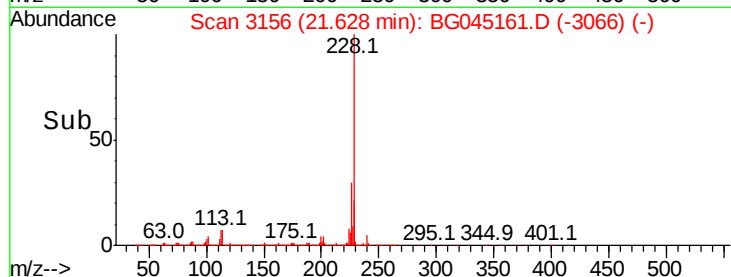
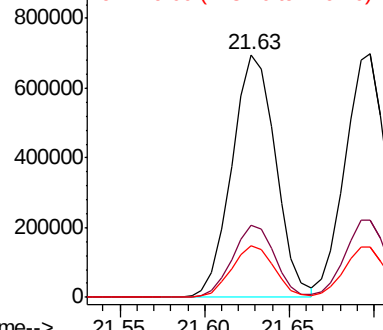


Abundance

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: 25.271 ng

RT: 21.55 min Scan# 3142

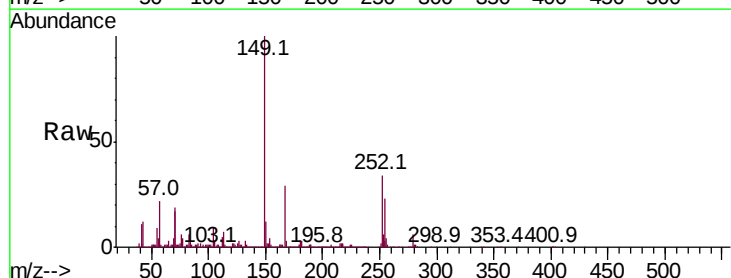
Delta R.T. -0.00 min

Lab File: BG045161.D

Acq: 24 Apr 2020 15:02

Tgt Ion:252 Resp: 282336

Ion	Ratio	Lower	Upper
252	100		
254	65.4	52.6	79.0
126	7.1	7.5	11.3

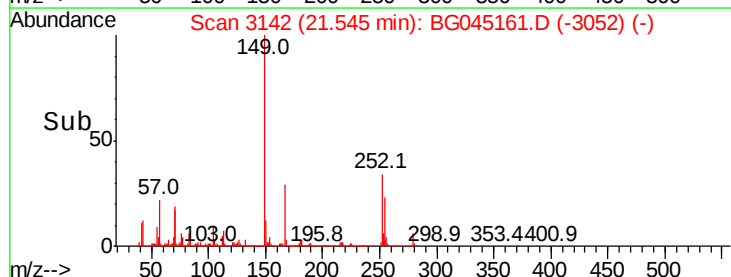
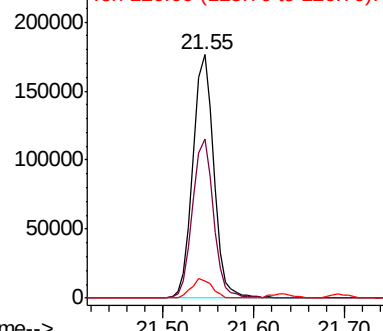


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 44.588 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.00 min

Lab File: BG045161.D

Acq: 24 Apr 2020 15:02

Instrument :

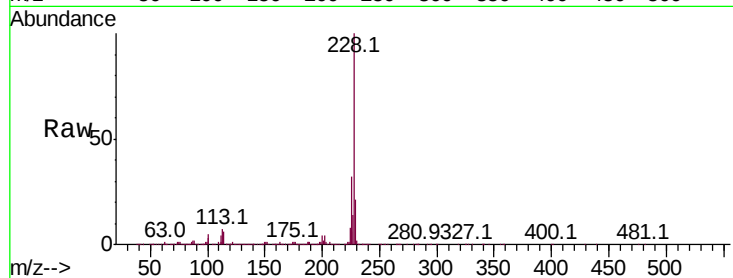
BNA_G

ClientSampleId :

PB128245BS

Tot Ion:228 Resp: 1202539

Ion	Ratio	Lower	Upper
228	100		
226	31.5	26.2	39.4
229	20.6	17.0	25.6

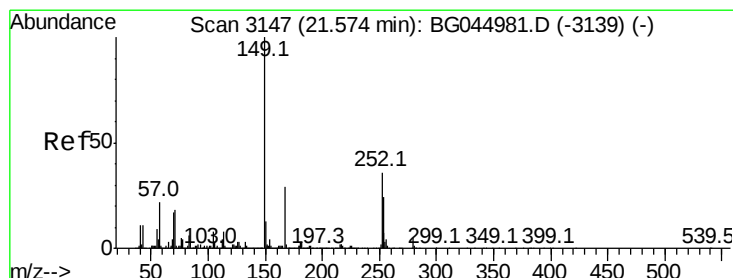
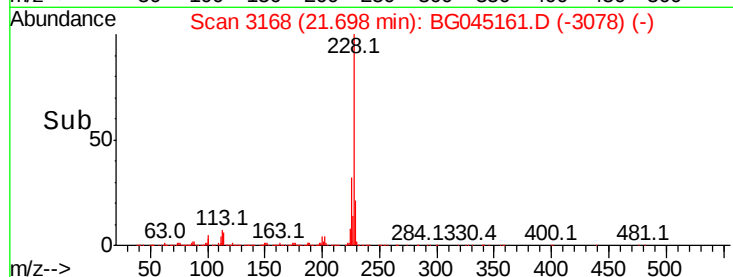
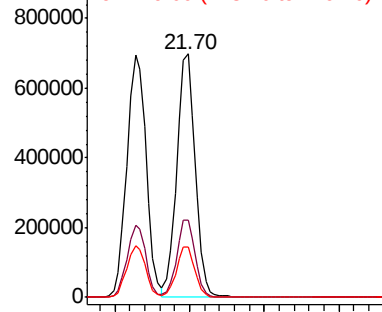


Abundance

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: 43.613 ng

RT: 21.55 min Scan# 3142

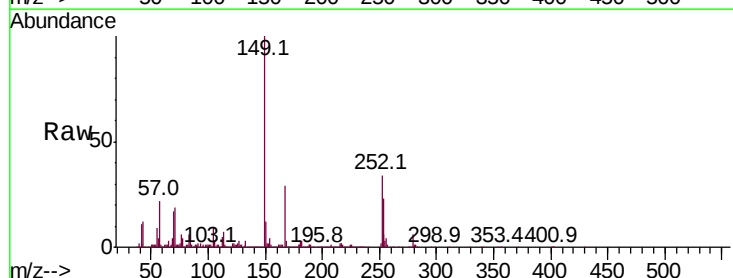
Delta R.T. -0.00 min

Lab File: BG045161.D

Acq: 24 Apr 2020 15:02

Tgt Ion:149 Resp: 742340

Ion	Ratio	Lower	Upper
149	100		
167	29.1	23.4	35.0
279	5.7	4.3	6.5

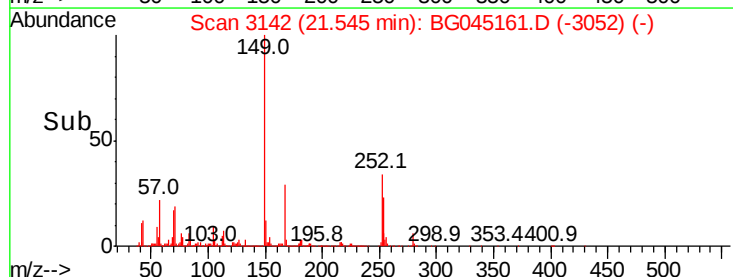
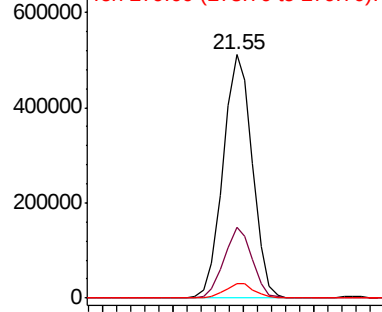


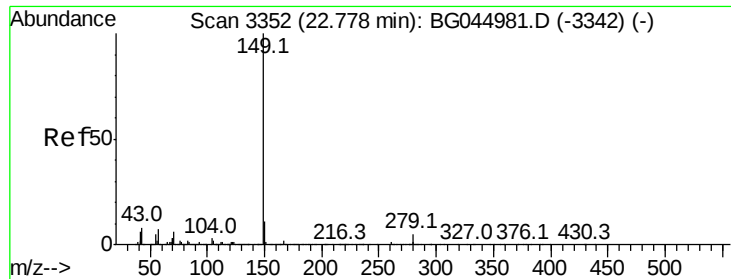
Abundance

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: 42.301 ng

RT: 22.74 min Scan# 3346

Delta R.T. -0.01 min

Lab File: BG045161.D

Acq: 24 Apr 2020 15:02

Instrument :

BNA_G

ClientSampleId :

PB128245BS

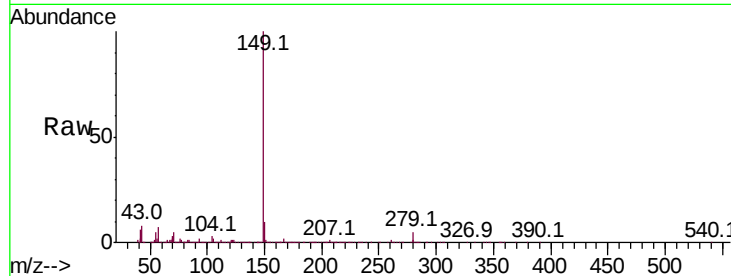
Tot Ion:149 Resp: 1245080

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.2

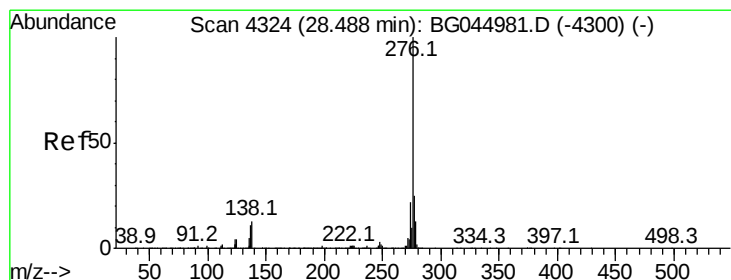
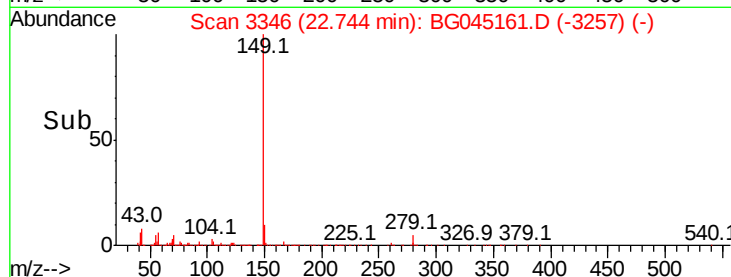
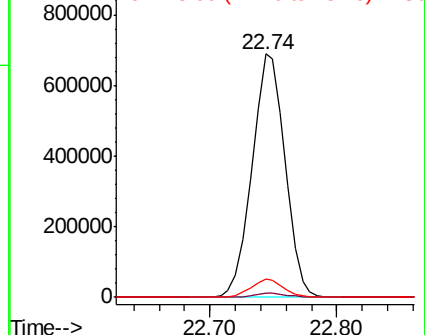
43 7.3 5.7 8.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 43.532 ng

RT: 28.43 min Scan# 4314

Delta R.T. -0.01 min

Lab File: BG045161.D

Acq: 24 Apr 2020 15:02

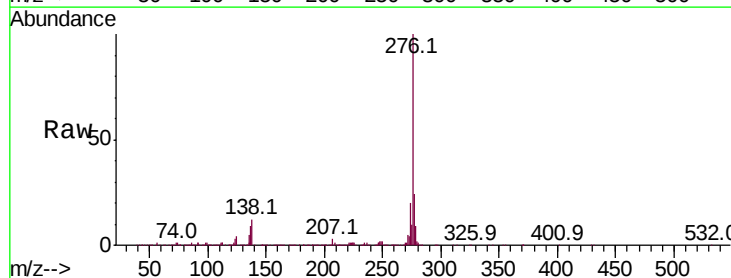
Tgt Ion:276 Resp: 1558763

Ion Ratio Lower Upper

276 100

138 12.0 9.6 14.4

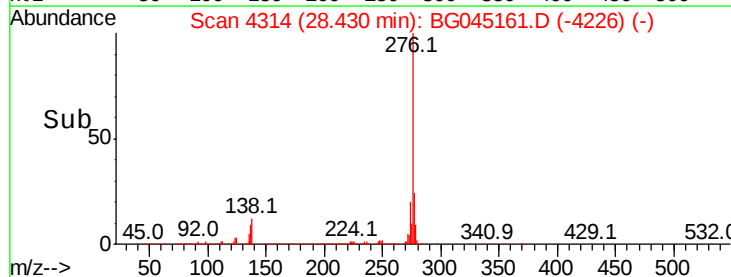
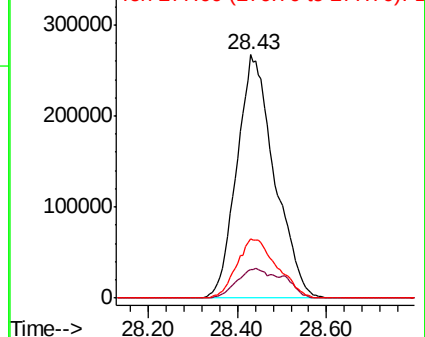
277 26.1 20.6 31.0

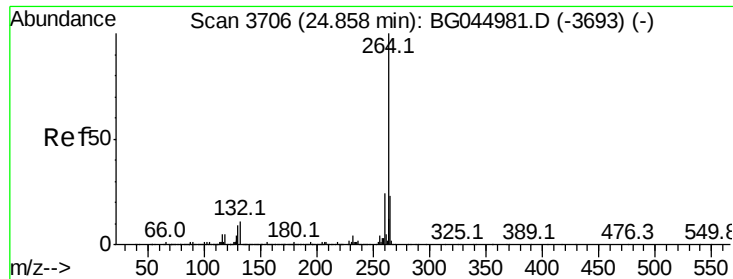


Abundance Ion 276.00 (275.70 to 276.70): E

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: 24.82 min Scan# 3700

Delta R.T. -0.01 min

Lab File: BG045161.D

Acq: 24 Apr 2020 15:02

Instrument :

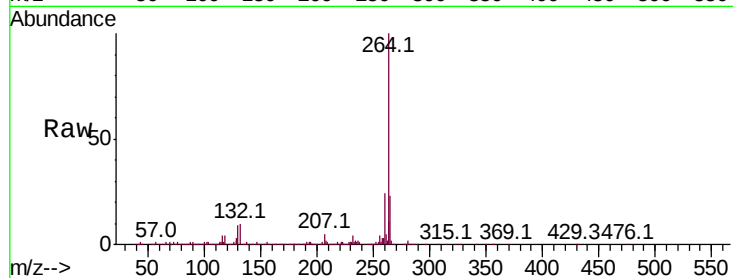
BNA_G

ClientSampleId :

PB128245BS

Tot Ion:264 Resp: 470030

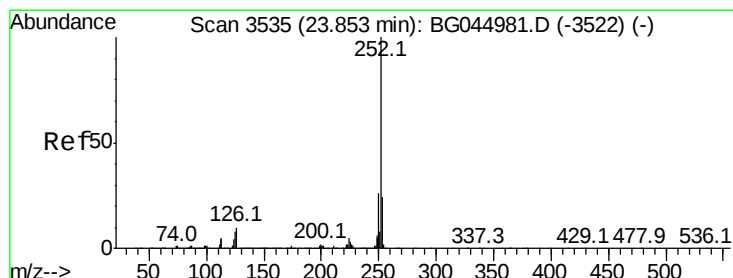
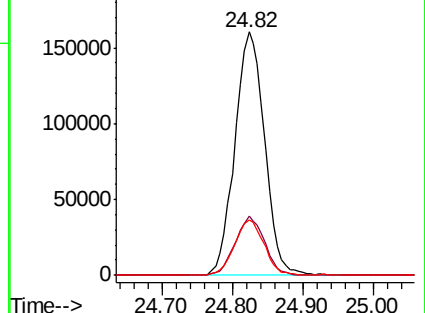
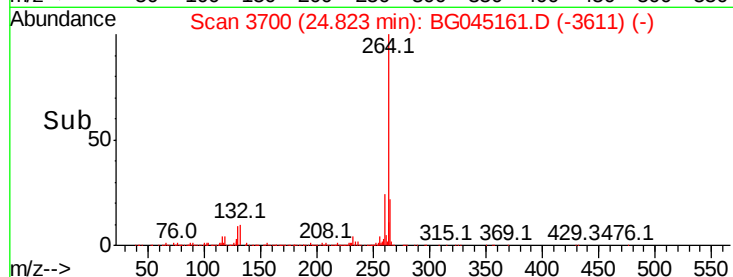
Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	22.7	19.0	28.4



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: 44.740 ng

RT: 23.82 min Scan# 3529

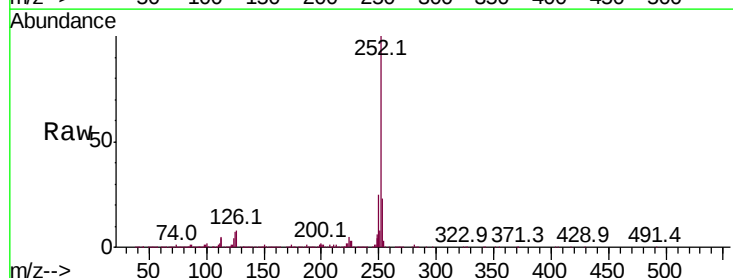
Delta R.T. -0.01 min

Lab File: BG045161.D

Acq: 24 Apr 2020 15:02

Tgt Ion:252 Resp: 1317255

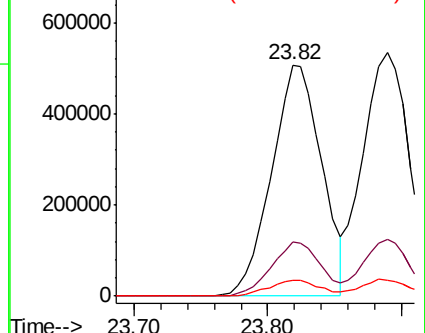
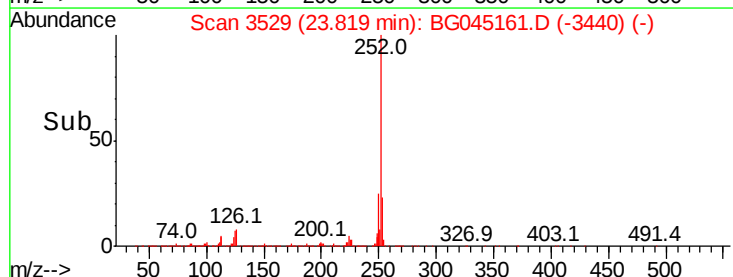
Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.8	28.2
125	6.7	6.2	9.4

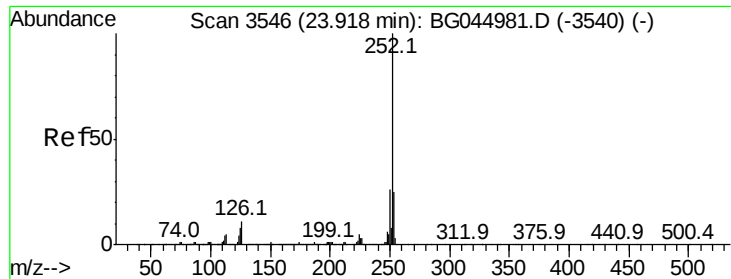


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

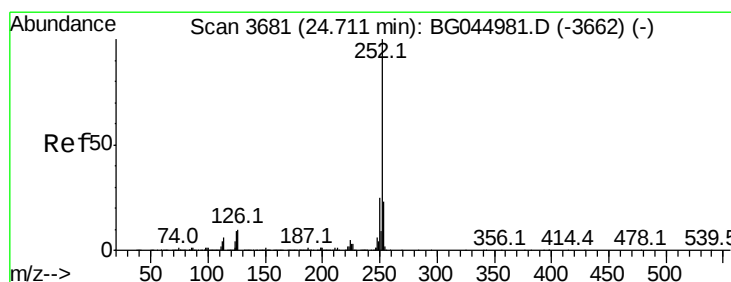
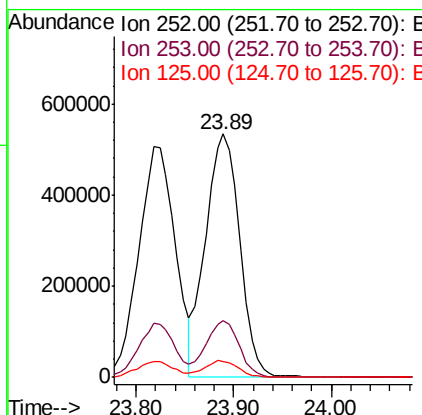
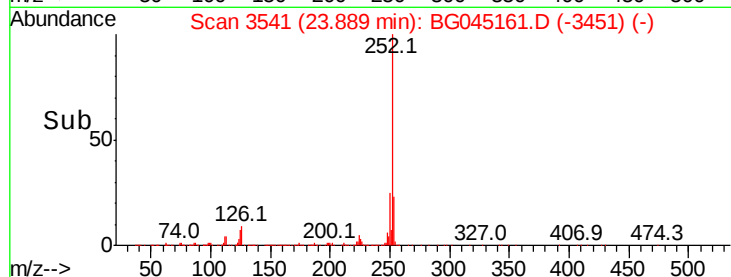
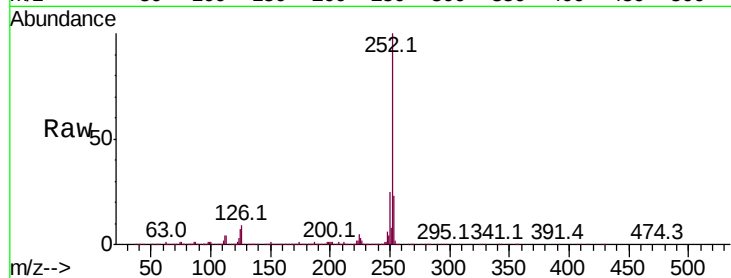




#89
Benzo(k)fluoranthene
Concen: 46.261 ng
RT: 23.89 min Scan# 3541
Delta R.T. -0.00 min
Lab File: BG045161.D
Acq: 24 Apr 2020 15:02

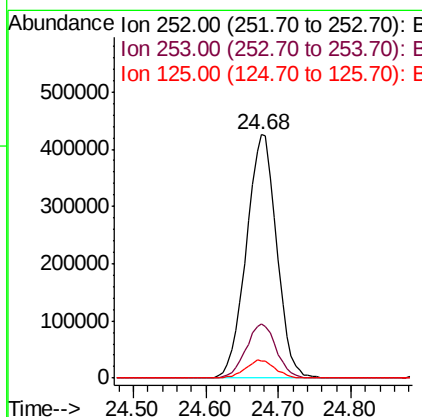
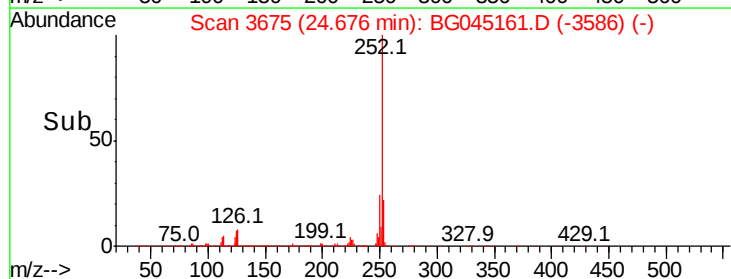
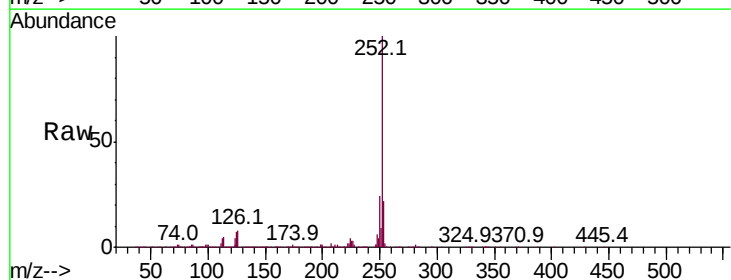
Instrument :
BNA_G
ClientSampleId :
PB128245BS

Tot Ion:252 Resp: 1295286
Ion Ratio Lower Upper
252 100
253 23.3 19.2 28.8
125 6.6 5.9 8.9



#90
Benzo(a)pyrene
Concen: 44.376 ng
RT: 24.68 min Scan# 3675
Delta R.T. -0.01 min
Lab File: BG045161.D
Acq: 24 Apr 2020 15:02

Tgt Ion:252 Resp: 1233586
Ion Ratio Lower Upper
252 100
253 22.2 18.3 27.5
125 7.3 7.0 10.6

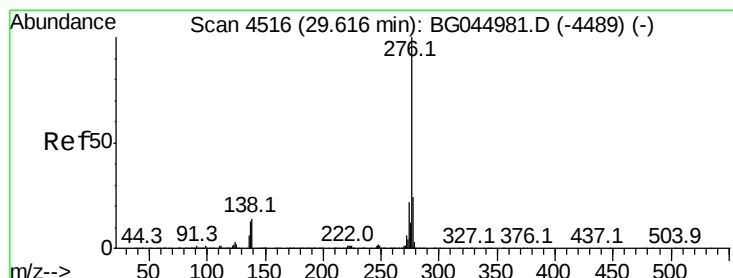
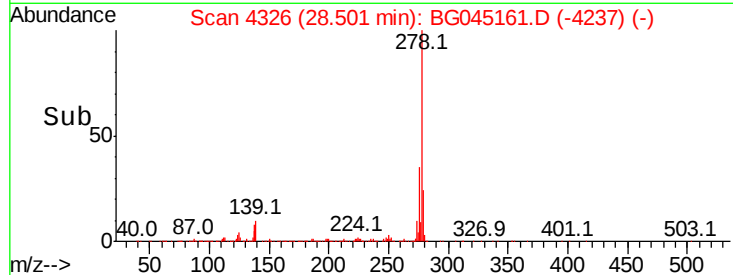
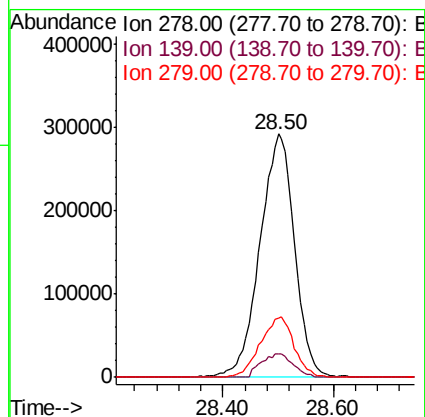
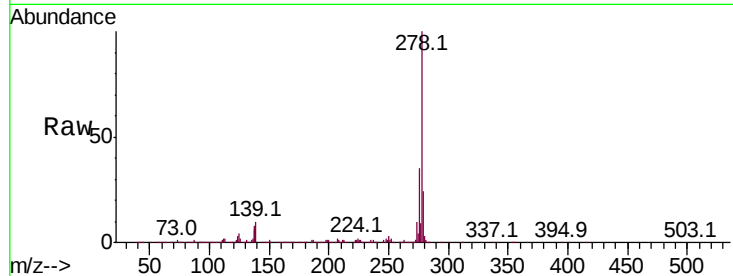




#91
Dibenzo(a,h)anthracene
Concen: 45.341 ng
RT: 28.50 min Scan# 4326
Delta R.T. -0.01 min
Lab File: BG045161.D
Acq: 24 Apr 2020 15:02

Instrument :
BNA_G
ClientSampleId :
PB128245BS

Tot Ion:278 Resp: 1270036
Ion Ratio Lower Upper
278 100
139 9.8 9.0 13.6
279 24.5 18.4 27.6



#92
Benzo(g,h,i)perylene
Concen: 45.172 ng
RT: 29.56 min Scan# 4507
Delta R.T. -0.01 min
Lab File: BG045161.D
Acq: 24 Apr 2020 15:02

Tgt Ion:276 Resp: 1268544
Ion Ratio Lower Upper
276 100
277 23.9 19.3 28.9
138 13.0 11.4 17.2

