

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG063020\
 Data File : BG045883.D
 Acq On : 30 Jun 2020 14:01
 Operator : CG/JU
 Sample : PB129821BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129821BS

Quant Time: Jun 30 16:41:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 30 16:34:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	46477	20.00	ng	0.00
21) Naphthalene-d8	10.70	136	187403	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	139331	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	344978	20.00	ng	0.00
76) Chrysene-d12	21.56	240	336034	20.00	ng	0.00
86) Perylene-d12	24.67	264	352390	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	318586	115.79	ng	0.00
7) Phenol-d6	7.12	99	451903	107.98	ng	0.00
23) Nitrobenzene-d5	9.06	82	295202	71.96	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	216850	103.09	ng	0.00
45) 2-Fluorobiphenyl	13.16	172	657463	69.34	ng	0.00
79) Terphenyl-d14	19.92	244	1294034	78.04	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.32	88	39511	31.354	ng	96
3) Pyridine	3.73	79	113536	30.404	ng	97
4) n-Nitrosodimethylamine	3.65	42	48071	38.351	ng	99
6) Aniline	7.22	93	160756	32.623	ng	97
8) 2-Chlorophenol	7.48	128	120934	41.064	ng	98
9) Benzaldehyde	7.02	77	53464	21.269	ng	95
10) Phenol	7.14	94	160517	39.584	ng	99
11) bis(2-Chloroethyl)ether	7.31	93	112120	36.402	ng	98
12) 1,3-Dichlorobenzene	7.78	146	128813	36.703	ng	96
13) 1,4-Dichlorobenzene	7.93	146	129165	36.846	ng	98
14) 1,2-Dichlorobenzene	8.25	146	120786	35.991	ng	98
15) Benzyl Alcohol	8.15	79	120264	37.134	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.43	45	105616	36.384	ng	98
17) 2-Methylphenol	8.38	107	107676	35.680	ng	92
18) Hexachloroethane	8.97	117	49021	36.819	ng	90
19) n-Nitroso-di-n-propylamine	8.70	70	104861	38.112	ng	98
20) 3+4-Methylphenols	8.72	107	146719	36.968	ng	# 85
22) Acetophenone	8.72	105	184889	35.945	ng	# 96
24) Nitrobenzene	9.10	77	157387	35.983	ng	97
25) Isophorone	9.62	82	282284	35.545	ng	98
26) 2-Nitrophenol	9.81	139	66054	36.249	ng	98
27) 2,4-Dimethylphenol	9.91	122	108839	39.121	ng	99
28) bis(2-Chloroethoxy)methane	10.11	93	155834	37.566	ng	97
29) 2,4-Dichlorophenol	10.38	162	122908	37.865	ng	99
30) 1,2,4-Trichlorobenzene	10.57	180	135035	35.141	ng	98
31) Naphthalene	10.75	128	363563	35.485	ng	98
32) Benzoic acid	10.10	122	65540	38.508	ng	95
33) 4-Chloroaniline	10.87	127	114691	26.731	ng	99
34) Hexachlorobutadiene	11.04	225	92879	33.986	ng	98
35) Caprolactam	11.64	113	21989	20.934	ng	96
36) 4-Chloro-3-methylphenol	12.04	107	147392	39.328	ng	96
37) 2-Methylnaphthalene	12.36	142	283206	37.121	ng	96
38) 1-Methylnaphthalene	12.58	142	268267	37.157	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.74	216	154895	33.762	ng	96

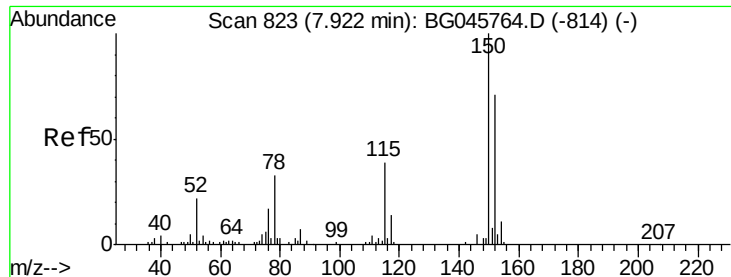
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG063020\
 Data File : BG045883.D
 Acq On : 30 Jun 2020 14:01
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 30 16:34:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.72	237	168256	67.826	ng	95
43) 2,4,6-Trichlorophenol	12.99	196	104649	33.643	ng	93
44) 2,4,5-Trichlorophenol	13.09	196	111701	31.508	ng	95
46) 1,1'-Biphenyl	13.38	154	357889	35.877	ng	99
47) 2-Chloronaphthalene	13.42	162	281382	34.920	ng	99
48) 2-Nitroaniline	13.63	65	99389	37.081	ng	96
49) Acenaphthylene	14.27	152	460681	35.693	ng	98
50) Dimethylphthalate	14.01	163	406599	37.251	ng	98
51) 2,6-Dinitrotoluene	14.13	165	91862	37.471	ng	98
52) Acenaphthene	14.61	154	277643	35.489	ng	99
53) 3-Nitroaniline	14.47	138	72917	29.777	ng	99
54) 2,4-Dinitrophenol	14.68	184	83975	63.847	ng	96
55) Dibenzofuran	14.95	168	463040	36.434	ng	98
56) 4-Nitrophenol	14.84	139	112494	64.909	ng	97
57) 2,4-Dinitrotoluene	14.92	165	131796	37.521	ng	98
58) Fluorene	15.60	166	392445	37.135	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.20	232	99900	32.467	ng	98
60) Diethylphthalate	15.37	149	427085	38.275	ng	99
61) 4-Chlorophenyl-phenylether	15.59	204	214459	35.209	ng	98
62) 4-Nitroaniline	15.64	138	94830	37.734	ng	96
63) Azobenzene	15.88	77	407695	38.053	ng	99
65) 4,6-Dinitro-2-methylphenol	15.70	198	78831	36.976	ng	98
66) n-Nitrosodiphenylamine	15.81	169	348949	35.712	ng	99
67) 4-Bromophenyl-phenylether	16.49	248	152766	34.080	ng	97
68) Hexachlorobenzene	16.61	284	166475	35.815	ng	98
69) Atrazine	16.76	200	142580	37.604	ng	93
70) Pentachlorophenol	16.97	266	83683	40.655	ng	95
71) Phenanthrene	17.34	178	661174	37.161	ng	99
72) Anthracene	17.43	178	667466	37.673	ng	100
73) Carbazole	17.71	167	621596	36.847	ng	98
74) Di-n-butylphthalate	18.27	149	783094	39.205	ng	100
75) Fluoranthene	19.35	202	857684	39.203	ng	99
77) Benzidine	19.54	184	458578	52.494	ng	97
78) Pyrene	19.72	202	844851	37.545	ng	100
80) Butylbenzylphthalate	20.61	149	349027	37.057	ng	96
81) Benzo(a)anthracene	21.54	228	795407	36.509	ng	99
82) 3,3'-Dichlorobenzidine	21.46	252	230342	27.951	ng	98
83) Chrysene	21.60	228	765538	36.329	ng	99
84) Bis(2-ethylhexyl)phthalate	21.45	149	481925	36.785	ng	99
85) Di-n-octyl phthalate	22.63	149	818167	36.204	ng	99
87) Indeno(1,2,3-cd)pyrene	28.20	276	963200	37.703	ng	99
88) Benzo(b)fluoranthene	23.69	252	848376	38.397	ng	98
89) Benzo(k)fluoranthene	23.75	252	825945	39.059	ng	99
90) Benzo(a)pyrene	24.52	252	771395	37.375	ng	100
91) Dibenzo(a,h)anthracene	28.26	278	790299	38.577	ng	98
92) Benzo(g,h,i)perylene	29.31	276	785167	38.292	ng	99

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

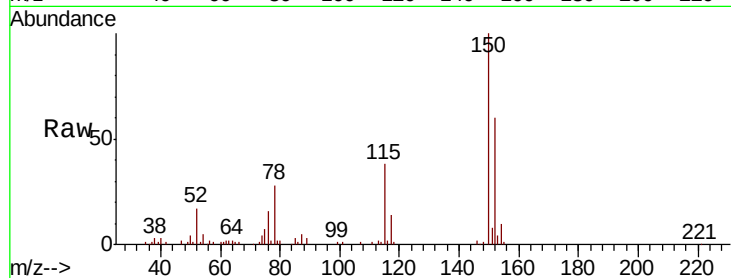


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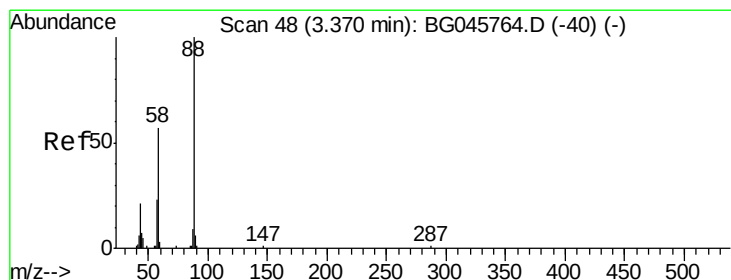
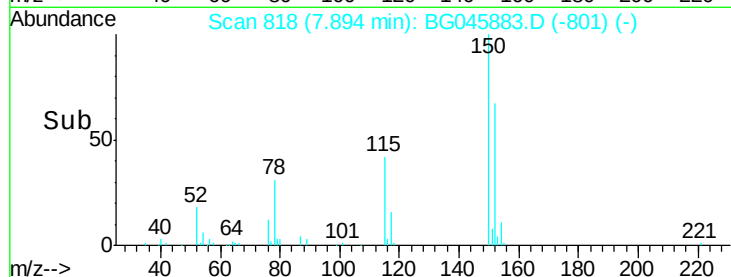
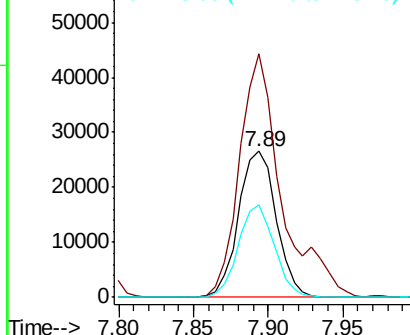
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.89 min Scan# 818
Delta R.T. -0.00 min
Lab File: BG045883.D
Acq: 30 Jun 2020 14:01

Instrument :
BNA_G
ClientSampleId :
PB129821BS

Tot Ion:152 Resp: 46477
Ion Ratio Lower Upper
152 100
150 166.5 121.2 181.8
115 63.7 47.5 71.3



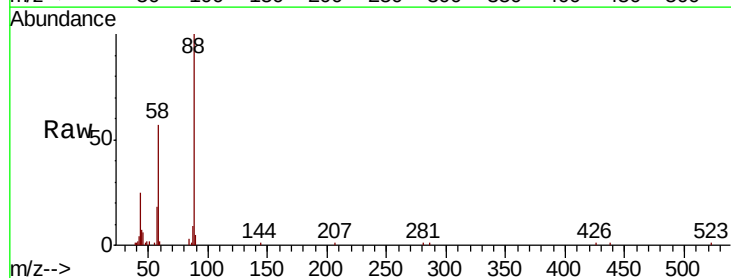
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



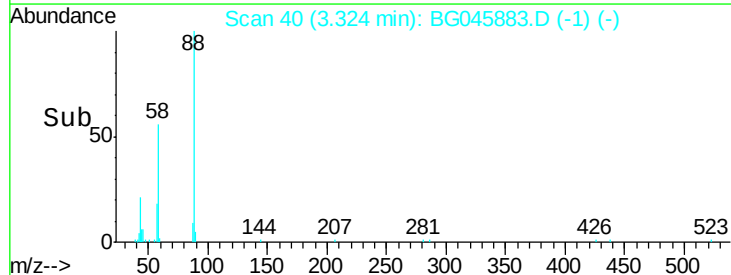
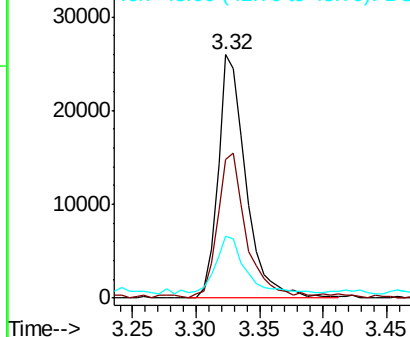
#2

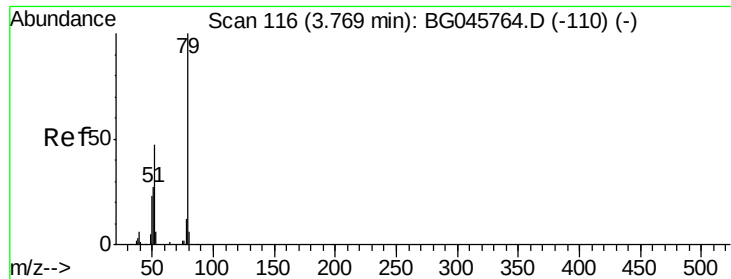
1,4-Dioxane
Concen: 31.354 ng
RT: 3.32 min Scan# 40
Delta R.T. -0.01 min
Lab File: BG045883.D
Acq: 30 Jun 2020 14:01

Tgt Ion: 88 Resp: 39511
Ion Ratio Lower Upper
88 100
58 62.2 46.6 70.0
43 24.0 18.2 27.4



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: 30.404 ng

RT: 3.73 min Scan# 109

Delta R.T. -0.01 min

Lab File: BG045883.D

Acq: 30 Jun 2020 14:01

Instrument :

BNA_G

ClientSampleId :

PB129821BS

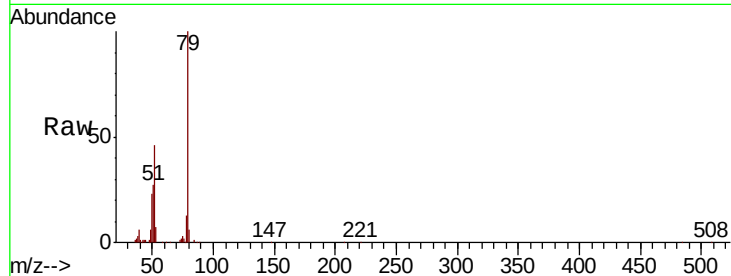
Tot Ion: 79 Resp: 113536

Ion Ratio Lower Upper

79 100

52 46.4 39.0 58.6

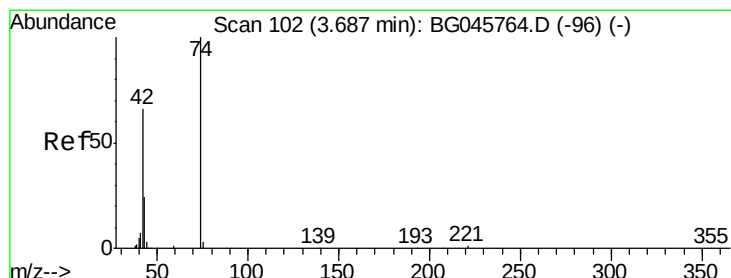
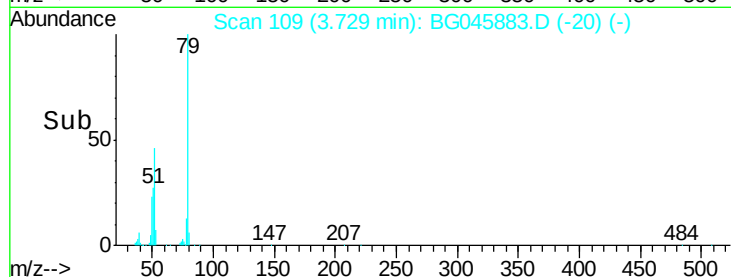
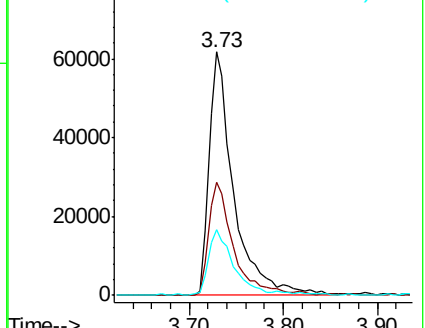
51 27.2 21.2 31.8



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: 38.351 ng

RT: 3.65 min Scan# 95

Delta R.T. -0.00 min

Lab File: BG045883.D

Acq: 30 Jun 2020 14:01

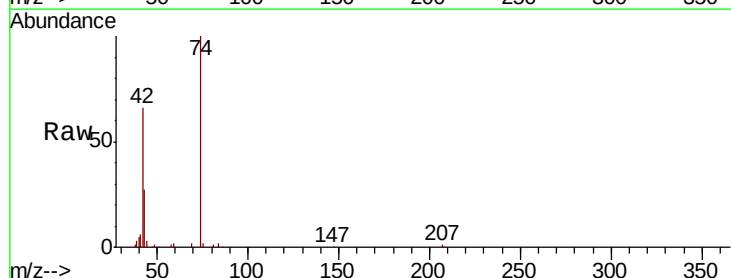
Tgt Ion: 42 Resp: 48071

Ion Ratio Lower Upper

42 100

74 151.7 120.5 180.7

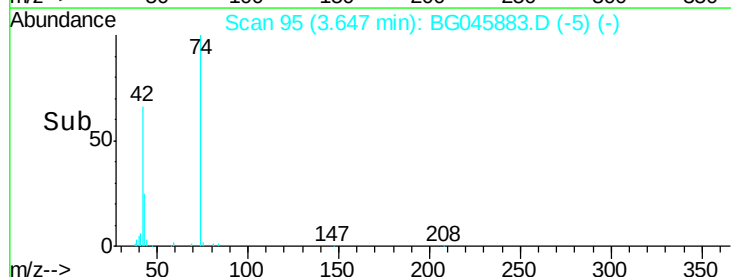
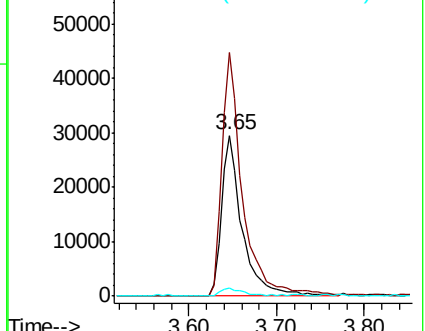
44 5.2 4.2 6.4

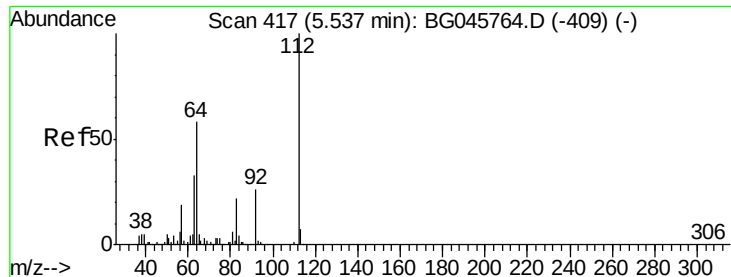


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 115.792 ng

RT: 5.50 min Scan# 410

Delta R.T. 0.01 min

Lab File: BG045883.D

Acq: 30 Jun 2020 14:01

Instrument :

BNA_G

ClientSampleId :

PB129821BS

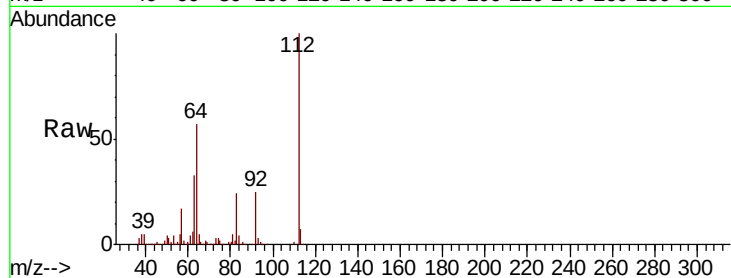
Tot Ion:112 Resp: 318586

Ion Ratio Lower Upper

112 100

64 57.0 48.5 72.7

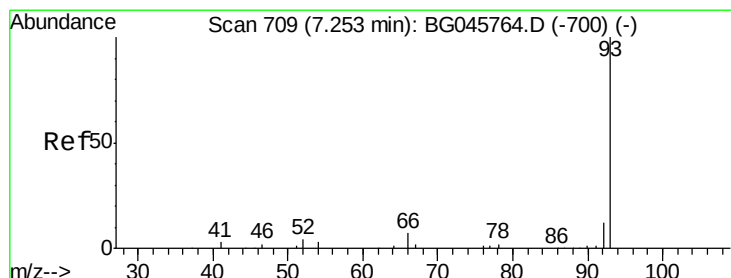
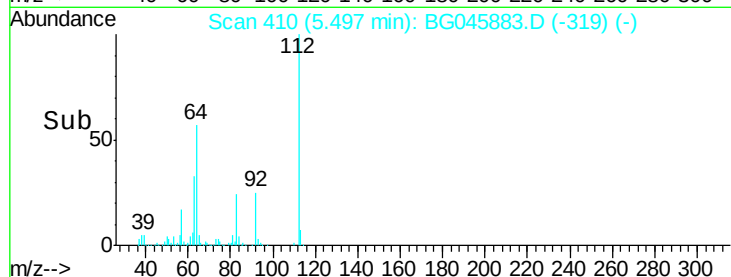
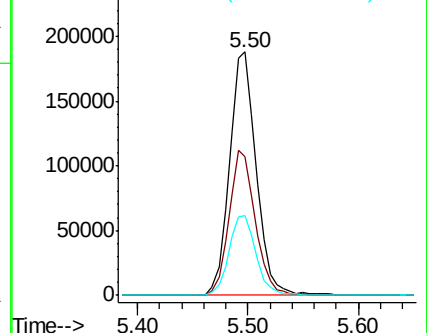
63 32.9 26.5 39.7



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: 32.623 ng

RT: 7.22 min Scan# 704

Delta R.T. -0.00 min

Lab File: BG045883.D

Acq: 30 Jun 2020 14:01

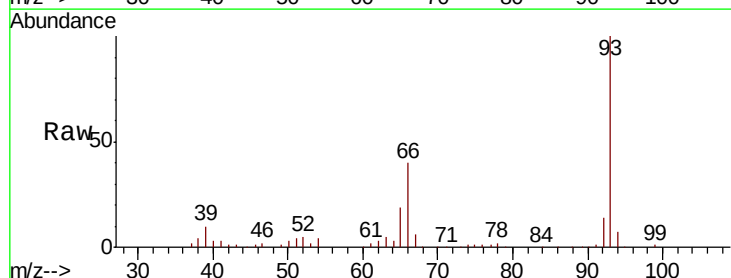
Tgt Ion: 93 Resp: 160756

Ion Ratio Lower Upper

93 100

66 40.2 30.1 45.1

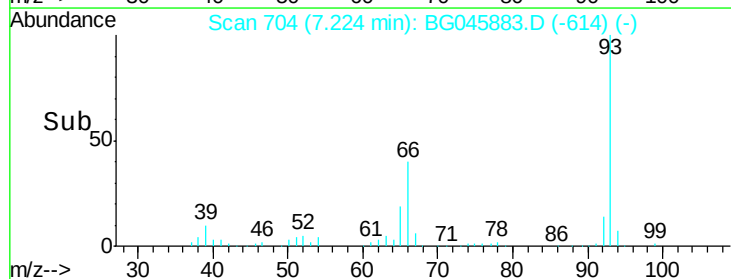
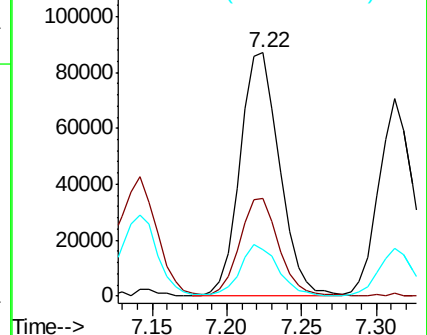
65 19.1 14.9 22.3

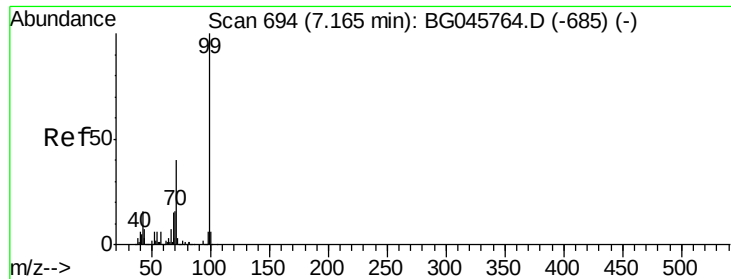


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 107.980 ng

RT: 7.12 min Scan# 686

Delta R.T. 0.01 min

Lab File: BG045883.D

Acq: 30 Jun 2020 14:01

Instrument :

BNA_G

ClientSampleId :

PB129821BS

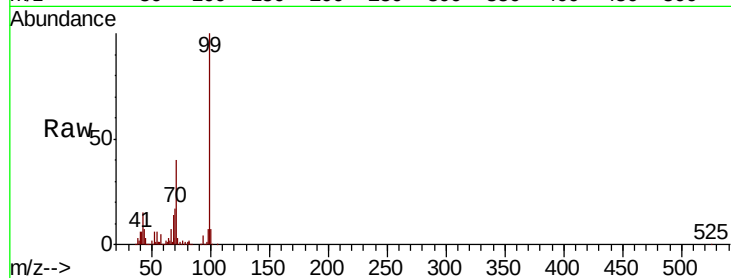
Tot Ion: 99 Resp: 451903

Ion Ratio Lower Upper

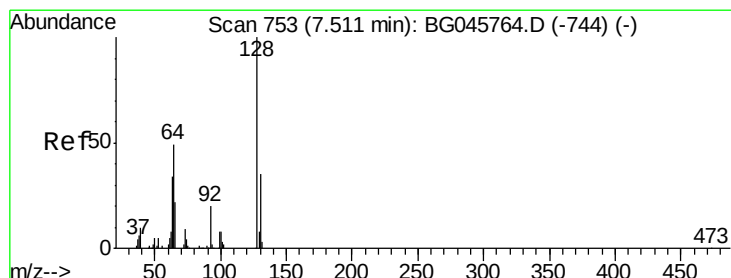
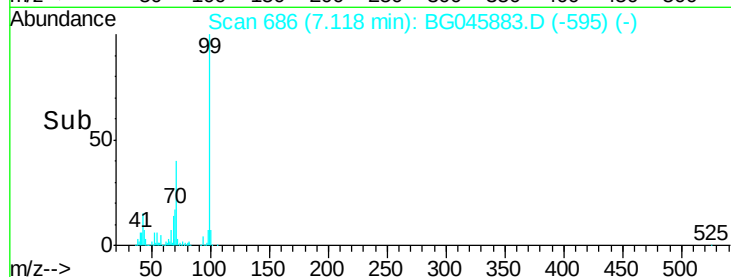
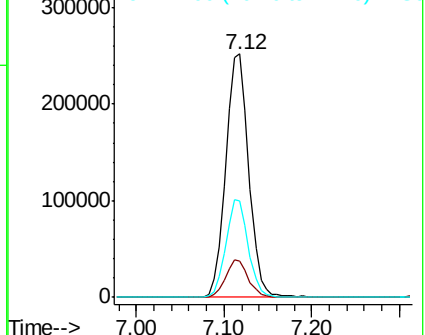
99 100

42 14.8 12.0 18.0

71 39.8 31.0 46.4



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



#8

2-Chlorophenol

Concen: 41.064 ng

RT: 7.48 min Scan# 747

Delta R.T. -0.00 min

Lab File: BG045883.D

Acq: 30 Jun 2020 14:01

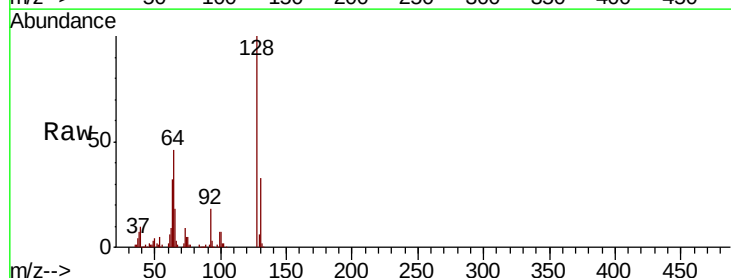
Tgt Ion:128 Resp: 120934

Ion Ratio Lower Upper

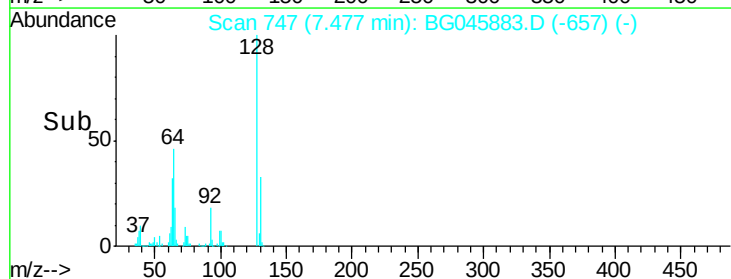
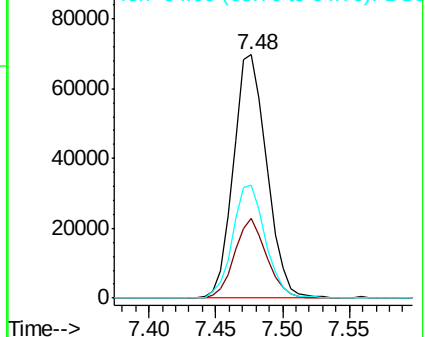
128 100

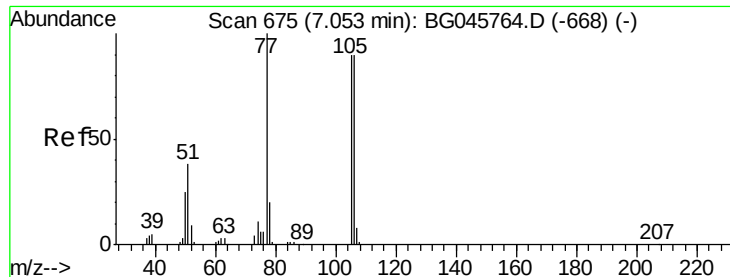
130 32.5 14.2 54.2

64 46.2 27.3 67.3



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





#9

Benzaldehyde

Concen: 21.269 ng

RT: 7.02 min Scan# 670

Delta R.T. -0.01 min

Lab File: BG045883.D

Acq: 30 Jun 2020 14:01

Instrument :

BNA_G

ClientSampleId :

PB129821BS

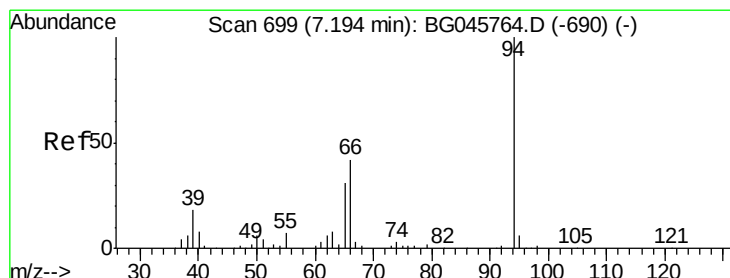
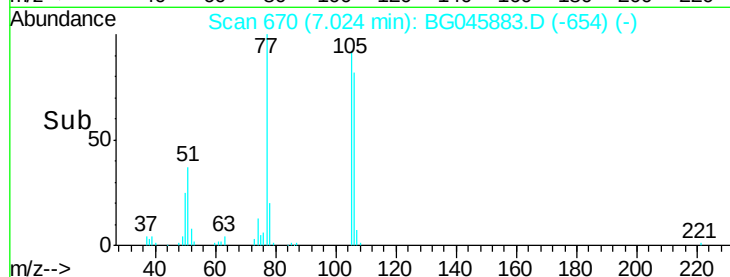
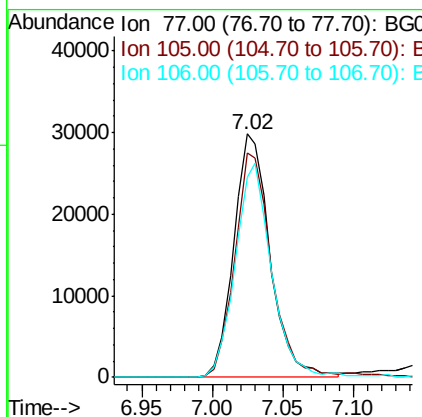
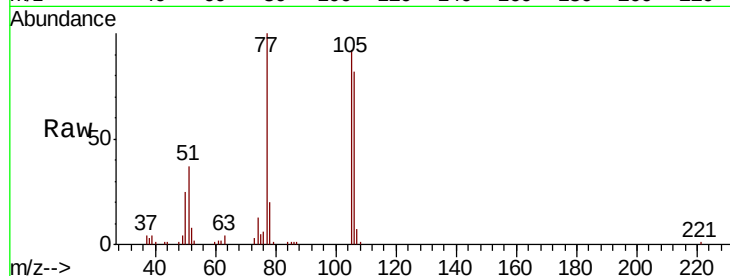
Tot Ion: 77 Resp: 53464

Ion Ratio Lower Upper

77 100

105 92.0 72.6 112.6

106 82.1 71.4 111.4



#10

Phenol

Concen: 39.584 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.00 min

Lab File: BG045883.D

Acq: 30 Jun 2020 14:01

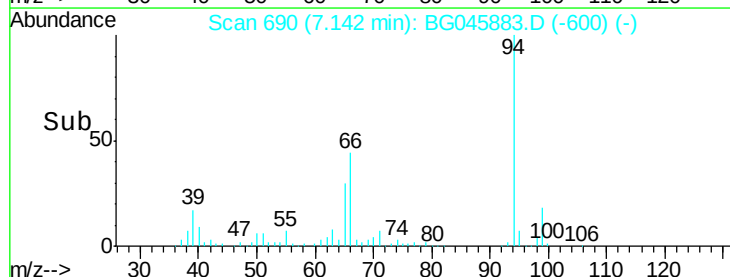
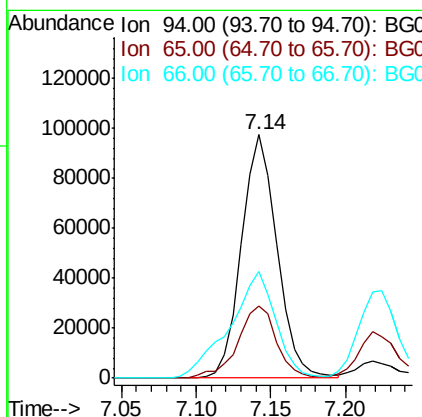
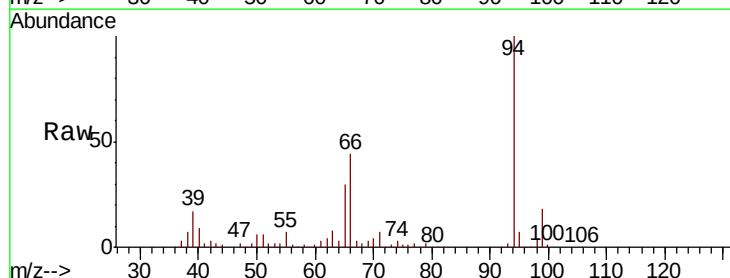
Tgt Ion: 94 Resp: 160517

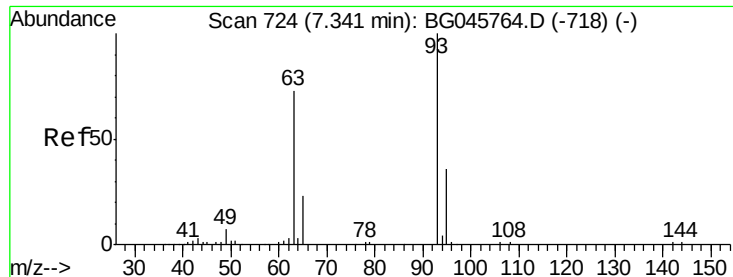
Ion Ratio Lower Upper

94 100

65 29.5 10.1 50.1

66 43.8 23.2 63.2

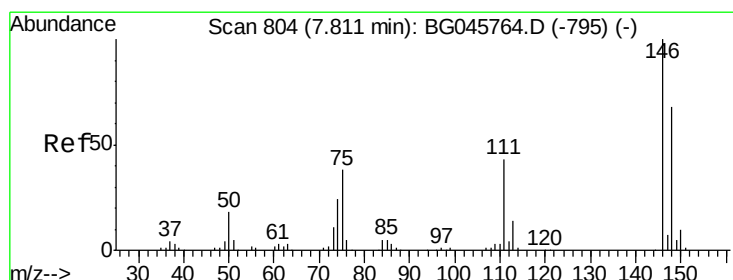
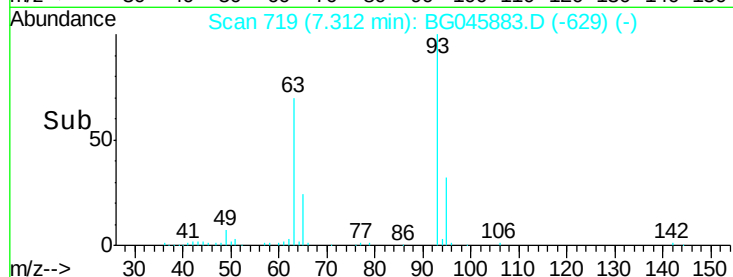
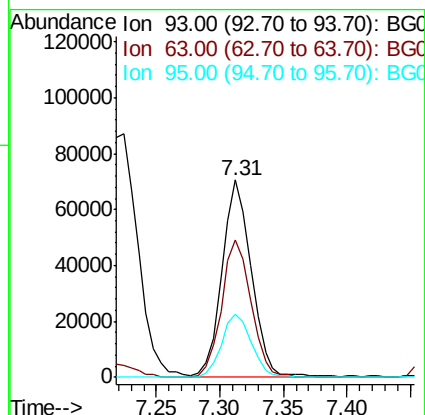
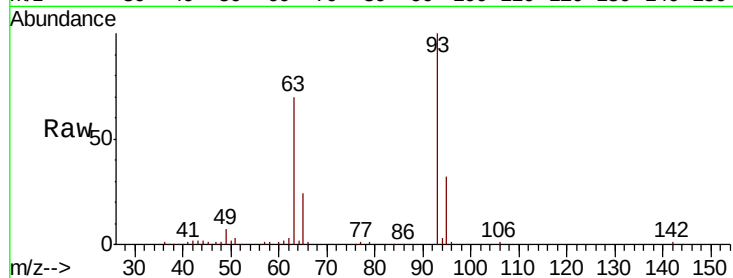




#11
bis(2-Chloroethyl)ether
Concen: 36.402 ng
RT: 7.31 min Scan# 719
Delta R.T. -0.00 min
Lab File: BG045883.D
Acq: 30 Jun 2020 14:01

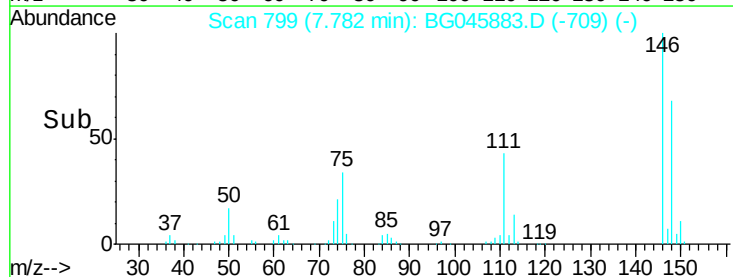
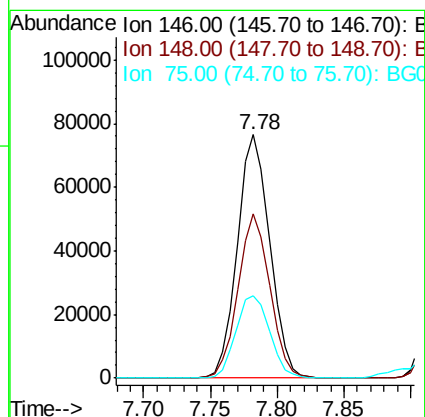
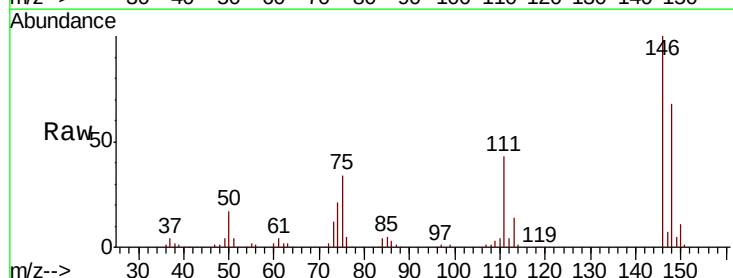
Instrument :
BNA_G
ClientSampleId :
PB129821BS

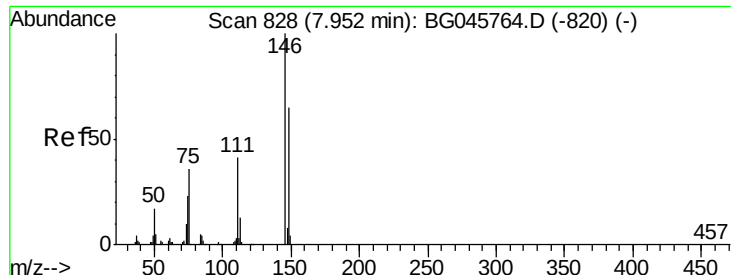
Tot Ion: 93 Resp: 112120
Ion Ratio Lower Upper
93 100
63 69.6 51.2 91.2
95 32.1 14.1 54.1



#12
1,3-Dichlorobenzene
Concen: 36.703 ng
RT: 7.78 min Scan# 799
Delta R.T. -0.00 min
Lab File: BG045883.D
Acq: 30 Jun 2020 14:01

Tgt Ion: 146 Resp: 128813
Ion Ratio Lower Upper
146 100
148 67.6 55.7 83.5
75 33.6 29.8 44.8

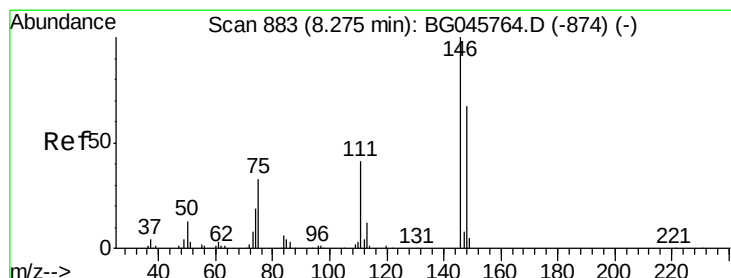
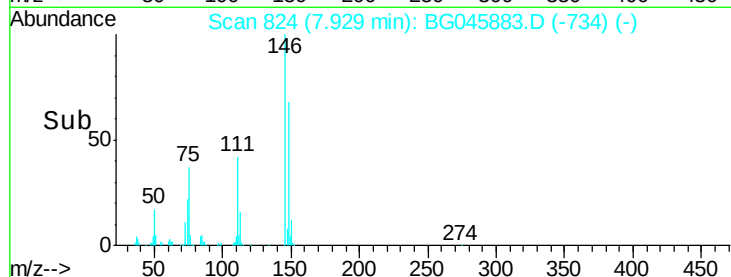
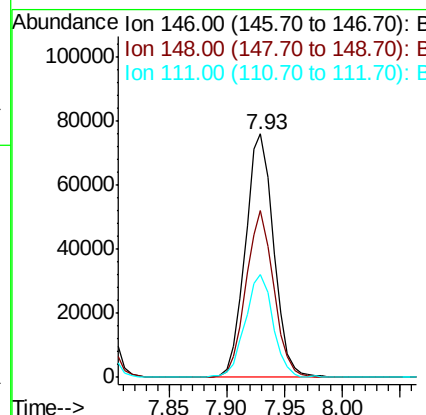
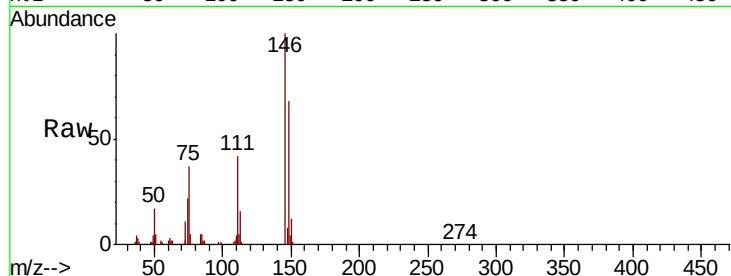




#13
 1,4-Dichlorobenzene
 Concen: 36.846 ng
 RT: 7.93 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BG045883.D
 Acq: 30 Jun 2020 14:01

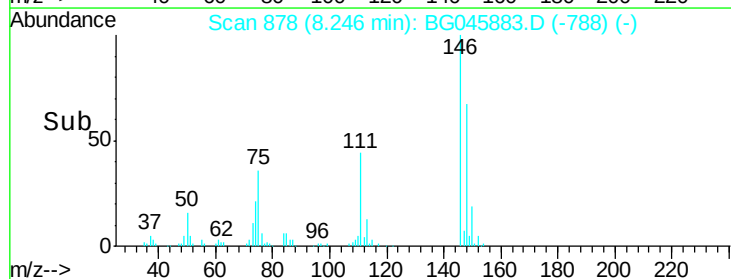
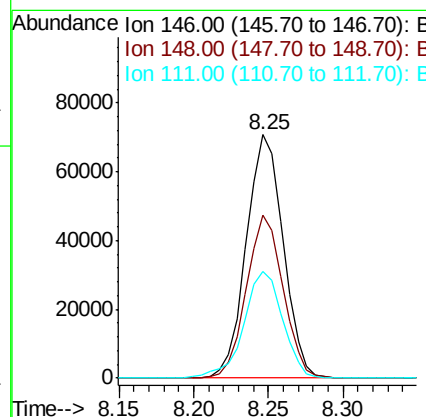
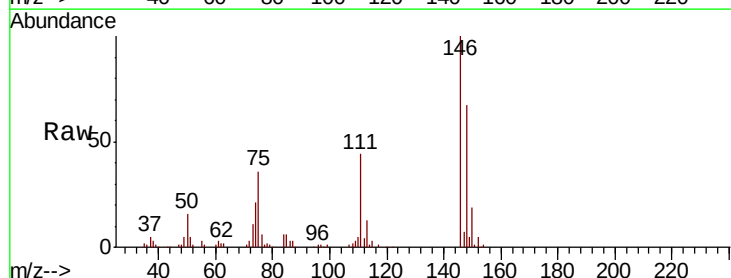
Instrument :
 BNA_G
 ClientSampleId :
 PB129821BS

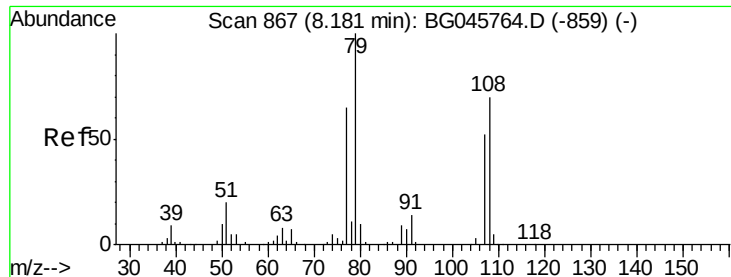
Tot Ion	Ratio	Lower	Upper
146	100		
148	68.4	52.9	79.3
111	42.2	33.3	49.9



#14
 1,2-Dichlorobenzene
 Concen: 35.991 ng
 RT: 8.25 min Scan# 878
 Delta R.T. -0.00 min
 Lab File: BG045883.D
 Acq: 30 Jun 2020 14:01

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.0	54.9	82.3
111	44.1	36.6	55.0





#15

Benzyl Alcohol

Concen: 37.134 ng

RT: 8.15 min Scan# 861

Delta R.T. -0.00 min

Lab File: BG045883.D

Acq: 30 Jun 2020 14:01

Instrument :

BNA_G

ClientSampleId :

PB129821BS

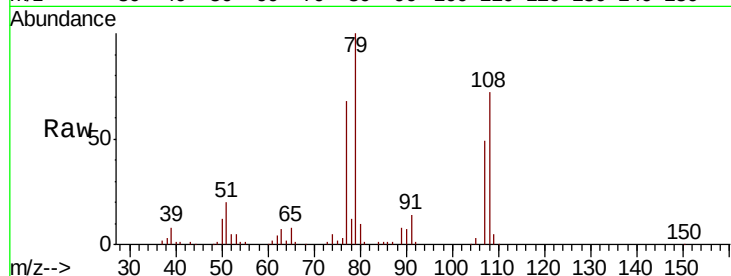
Tot Ion: 79 Resp: 120264

Ion Ratio Lower Upper

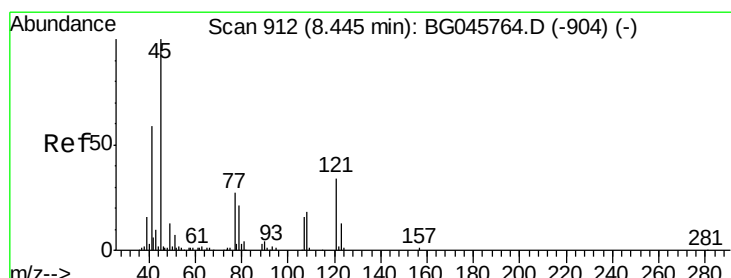
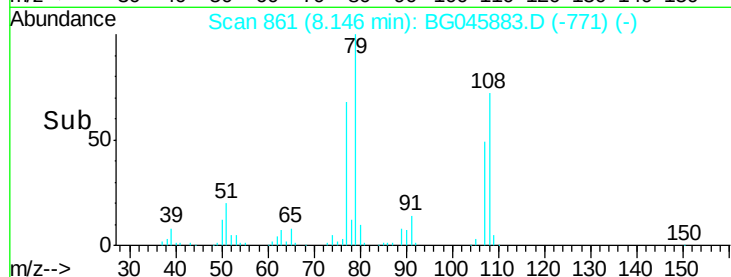
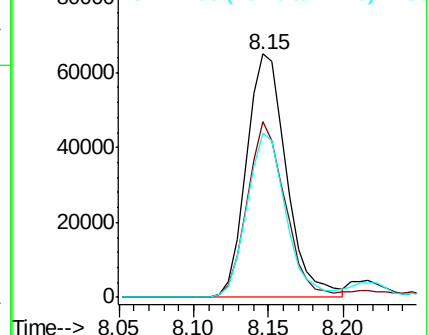
79 100

108 72.2 54.7 82.1

77 67.7 52.6 79.0



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.384 ng

RT: 8.43 min Scan# 909

Delta R.T. -0.00 min

Lab File: BG045883.D

Acq: 30 Jun 2020 14:01

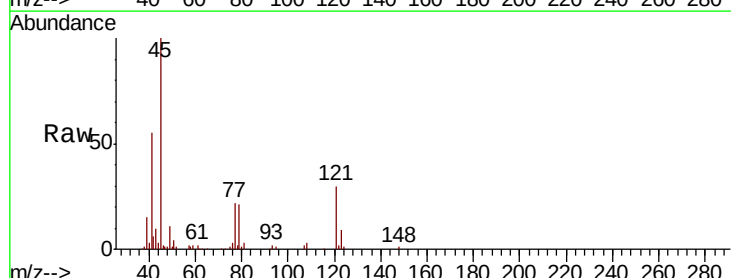
Tgt Ion: 45 Resp: 105616

Ion Ratio Lower Upper

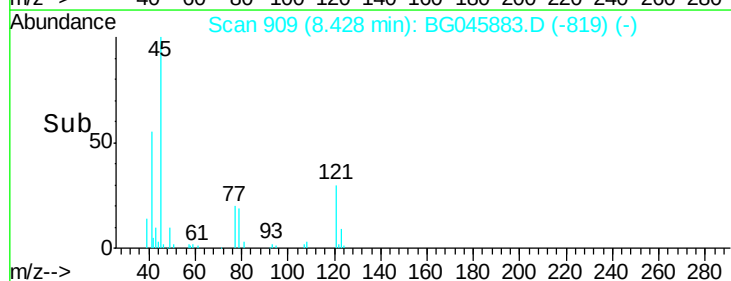
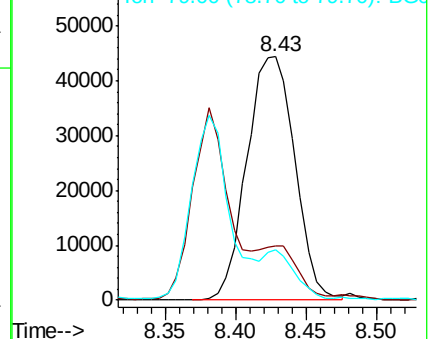
45 100

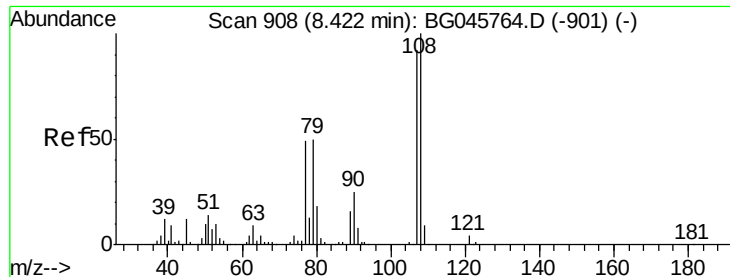
77 22.3 2.6 42.6

79 20.6 0.0 38.7



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 35.680 ng

RT: 8.38 min Scan# 901

Delta R.T. -0.00 min

Lab File: BG045883.D

Acq: 30 Jun 2020 14:01

Instrument :

BNA_G

ClientSampleId :

PB129821BS

Tot Ion:107 Resp: 107676

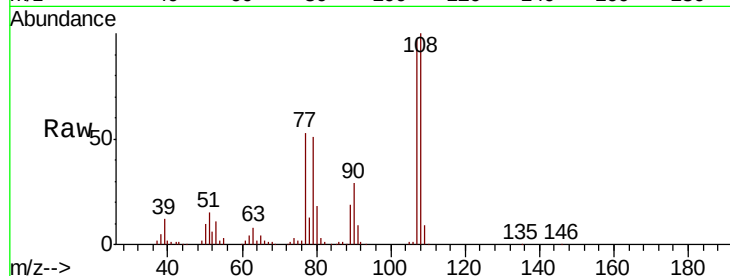
Ion Ratio Lower Upper

107 100

108 103.5 94.2 141.4

77 54.6 43.6 65.4

79 52.5 44.3 66.5

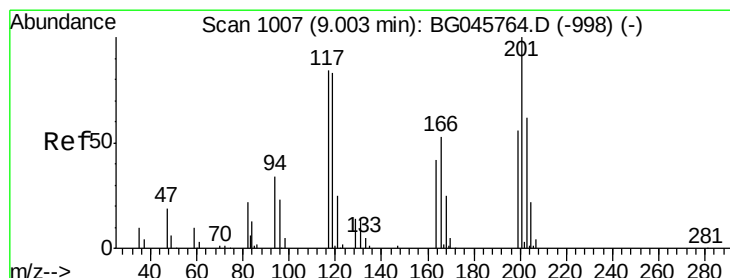
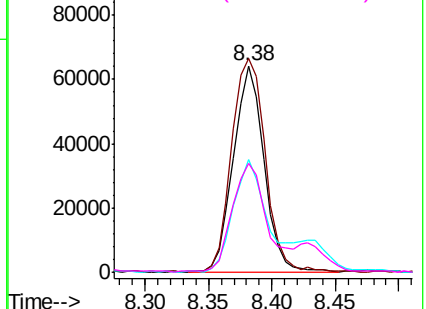
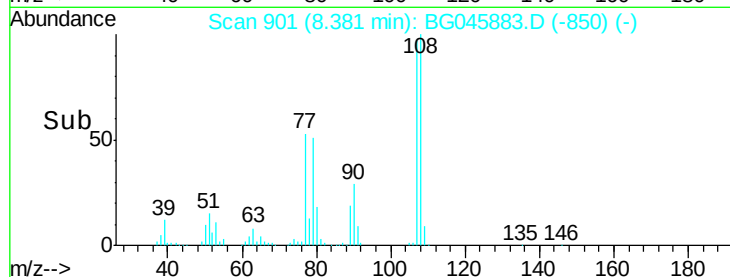


Abundance Ion 107.00 (106.70 to 107.70): E

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: 36.819 ng

RT: 8.97 min Scan# 1002

Delta R.T. -0.00 min

Lab File: BG045883.D

Acq: 30 Jun 2020 14:01

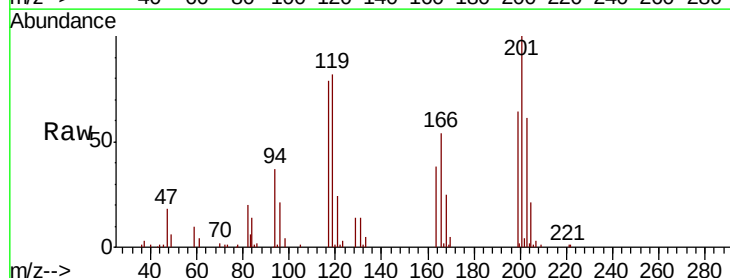
Tgt Ion:117 Resp: 49021

Ion Ratio Lower Upper

117 100

119 102.8 78.7 118.1

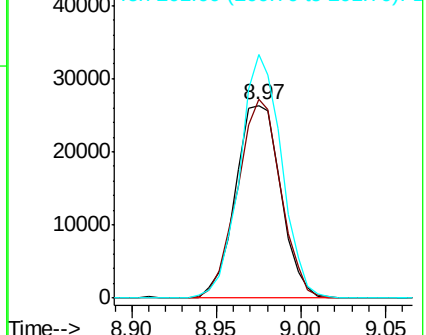
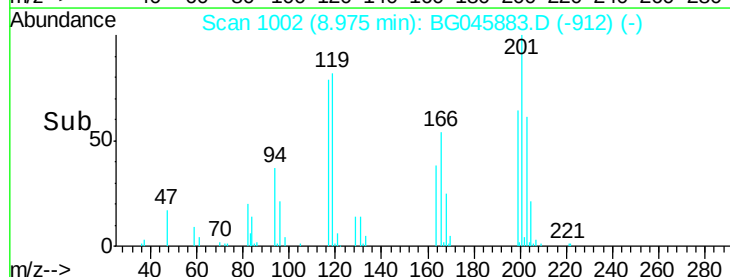
201 126.1 89.0 133.4

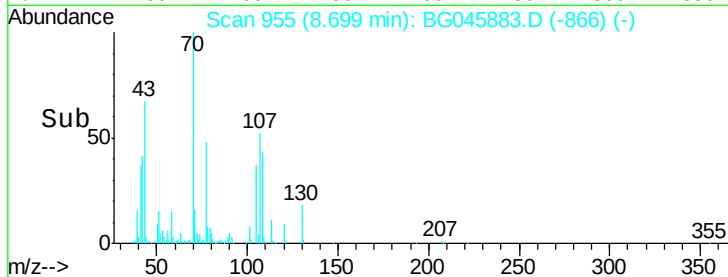
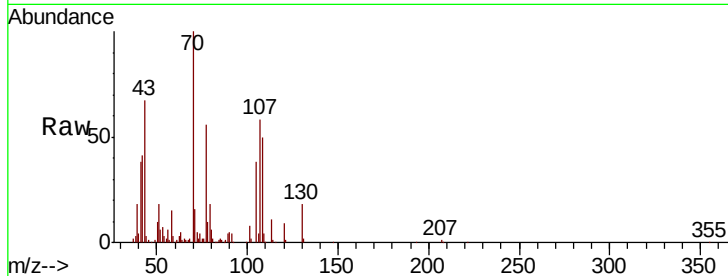
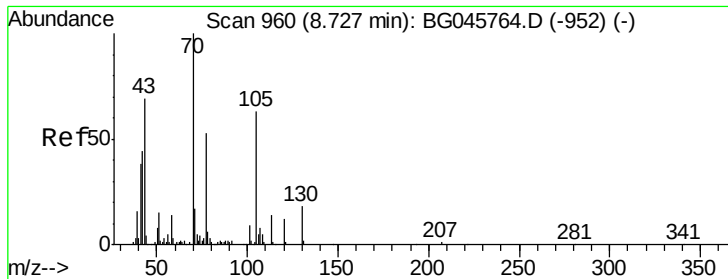


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

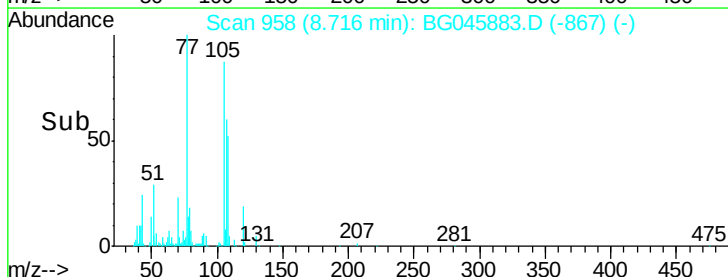
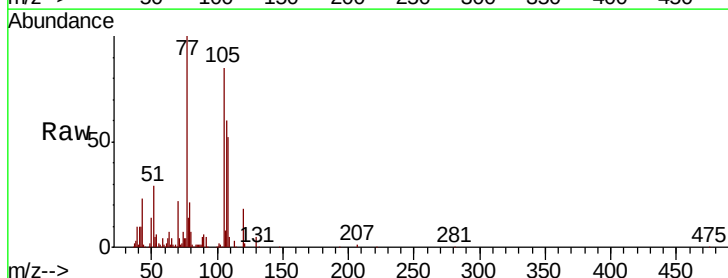
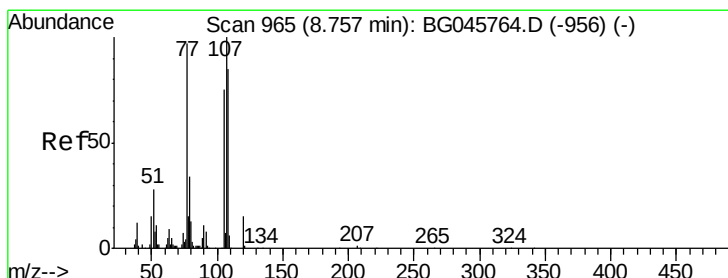
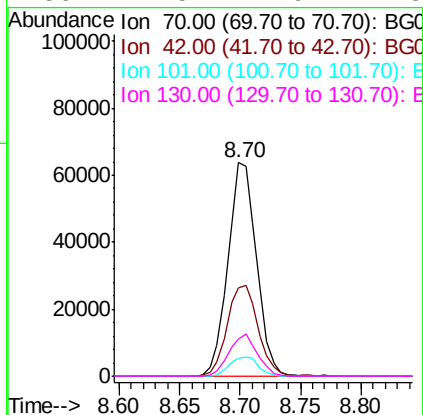




#19
n-Nitroso-di-n-propylamine
Concen: 38.112 ng
RT: 8.70 min Scan# 955
Delta R.T. -0.01 min
Lab File: BG045883.D
Acq: 30 Jun 2020 14:01

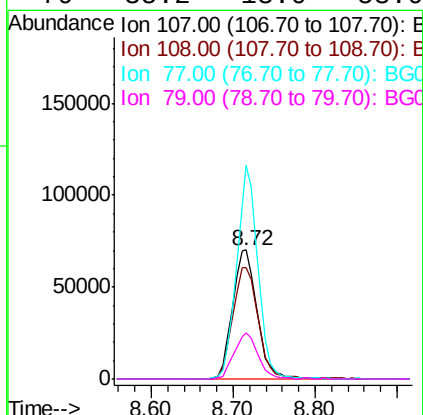
Instrument :
BNA_G
ClientSampleId :
PB129821BS

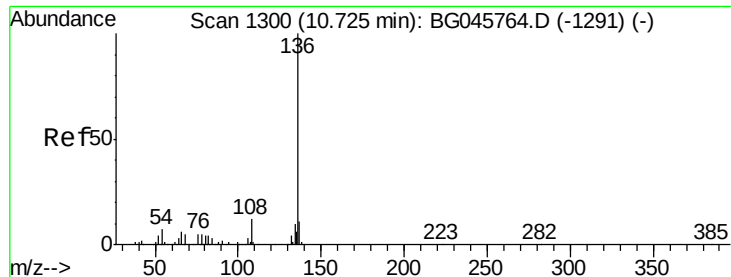
Tot Ion:	70	Resp:	104861
Ion	Ratio	Lower	Upper
70	100		
42	41.1	33.9	50.9
101	8.3	8.0	12.0
130	17.5	14.9	22.3



#20
3+4-Methylphenols
Concen: 36.968 ng
RT: 8.72 min Scan# 958
Delta R.T. 0.01 min
Lab File: BG045883.D
Acq: 30 Jun 2020 14:01

Tgt Ion:	107	Resp:	146719
Ion	Ratio	Lower	Upper
107	100		
108	86.5	68.2	108.2
77	165.4	113.1	153.1#
79	35.2	13.0	53.0

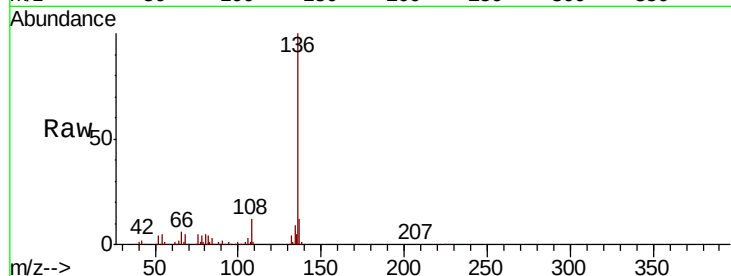




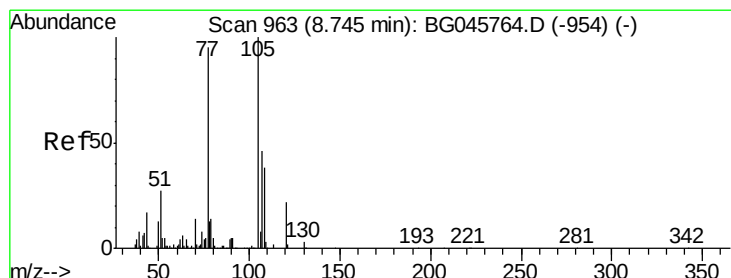
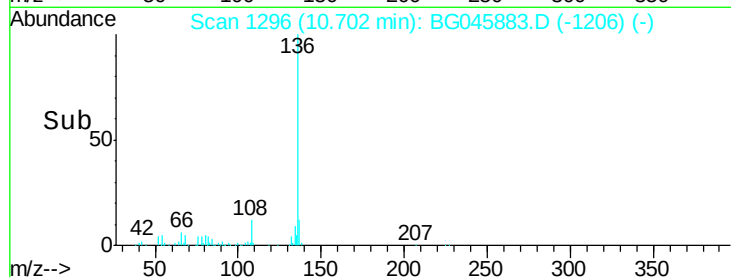
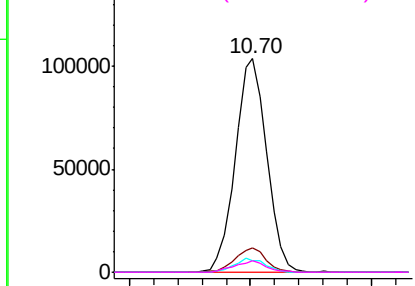
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.70 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BG045883.D
Acq: 30 Jun 2020 14:01

Instrument :
BNA_G
ClientSampleId :
PB129821BS

Tot Ion:136	Resp:	187403	
Ion Ratio	Lower	Upper	
136 100			
137 11.6	9.4	14.0	
54 5.3	4.9	7.3	
68 5.2	3.9	5.9	

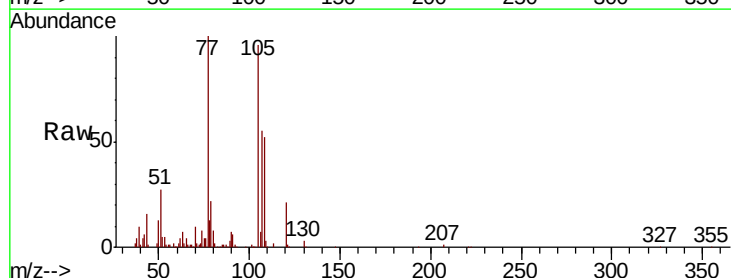


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

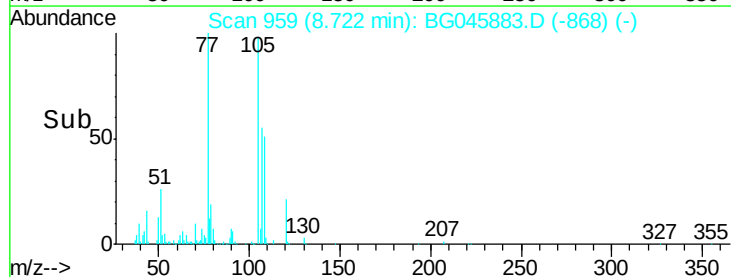
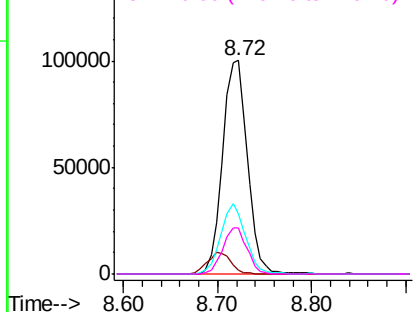


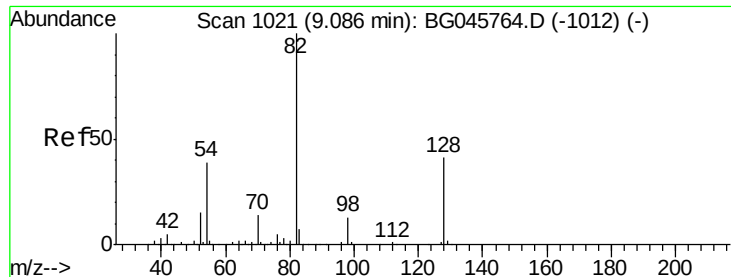
#22
Acetophenone
Concen: 35.945 ng
RT: 8.72 min Scan# 959
Delta R.T. 0.01 min
Lab File: BG045883.D
Acq: 30 Jun 2020 14:01

Tgt	Ion:105	Resp:	184889
Ion	Ratio	Lower	Upper
105	100		
71	1.7	3.5	5.3#
51	27.9	24.5	36.7
120	21.4	17.4	26.2



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

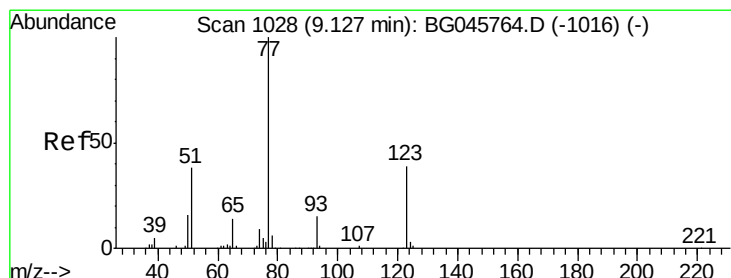
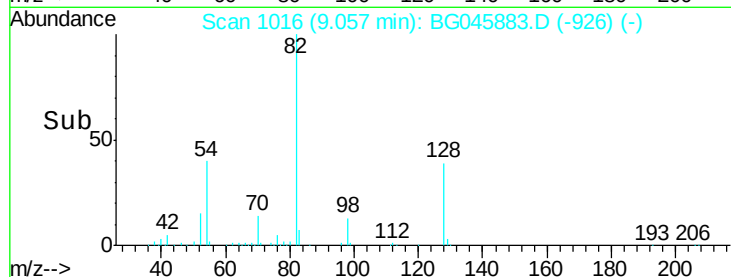
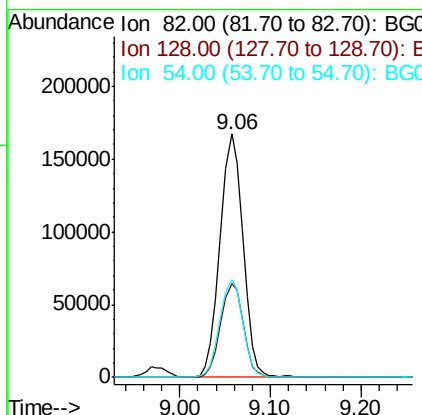
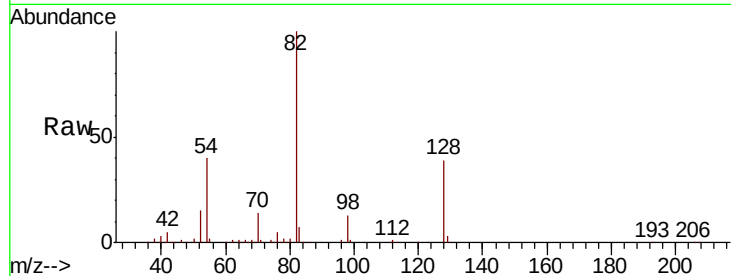




#23
 Nitrobenzene-d5
 Concen: 71.962 ng
 RT: 9.06 min Scan# 1016
 Delta R.T. -0.00 min
 Lab File: BG045883.D
 Acq: 30 Jun 2020 14:01

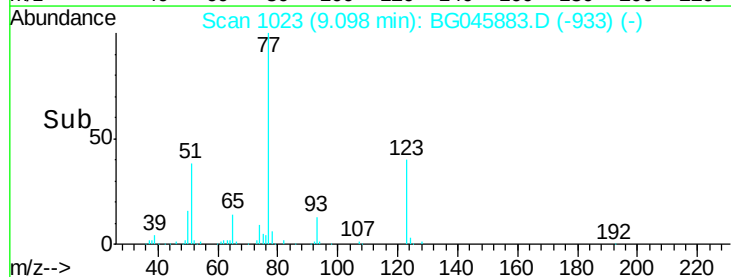
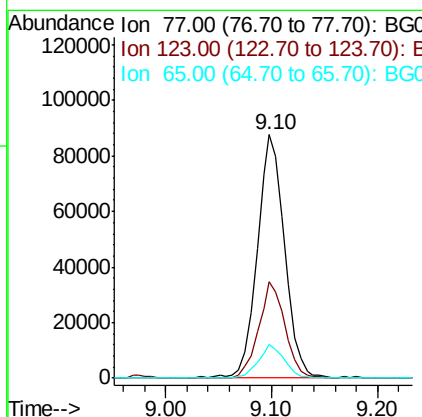
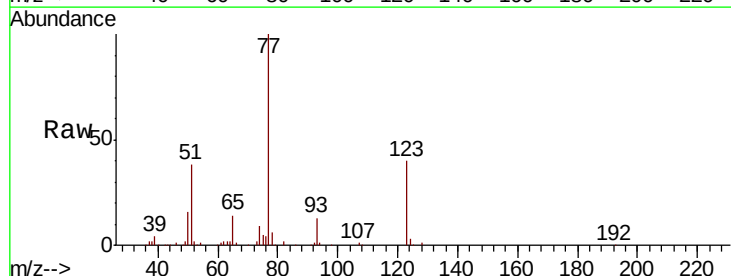
Instrument :
 BNA_G
 ClientSampleId :
 PB129821BS

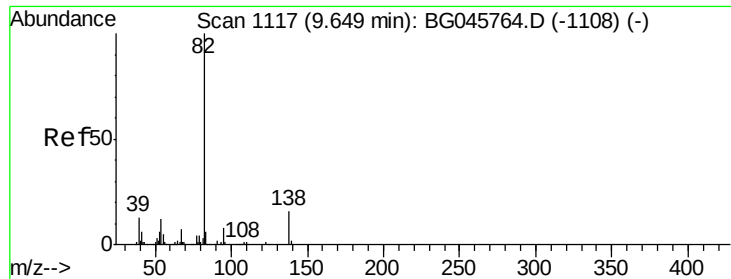
Tot Ion	82	Resp	295202
Ion Ratio	Lower	Upper	
82	100		
128	38.8	31.3	46.9
54	40.4	32.6	49.0



#24
 Nitrobenzene
 Concen: 35.983 ng
 RT: 9.10 min Scan# 1023
 Delta R.T. -0.00 min
 Lab File: BG045883.D
 Acq: 30 Jun 2020 14:01

Tgt Ion	77	Resp	157387
Ion Ratio	Lower	Upper	
77	100		
123	39.5	30.3	45.5
65	13.9	10.3	15.5





#25

Isophorone

Concen: 35.545 ng

RT: 9.62 min Scan# 1112

Delta R.T. -0.00 min

Lab File: BG045883.D

Acq: 30 Jun 2020 14:01

Instrument :

BNA_G

ClientSampleId :

PB129821BS

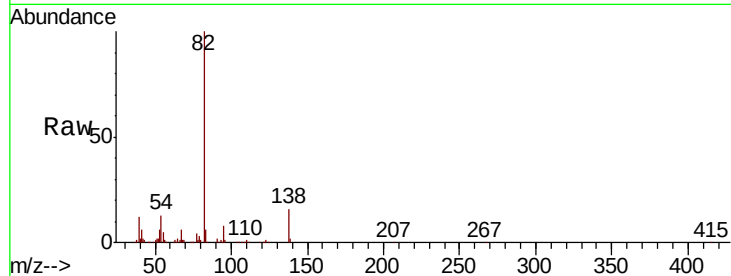
Tot Ion: 82 Resp: 282284

Ion Ratio Lower Upper

82 100

95 8.3 6.5 9.7

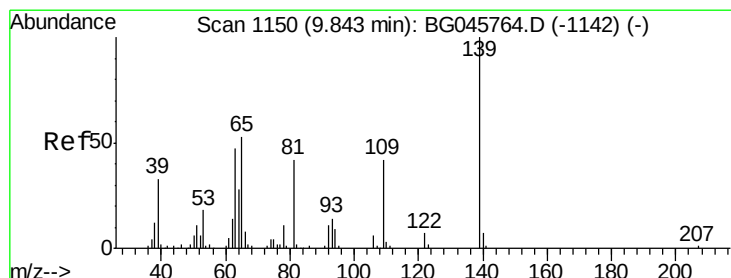
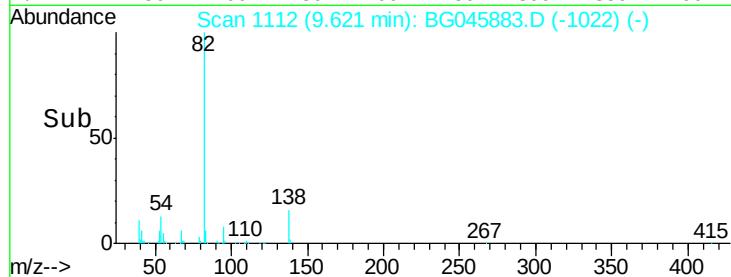
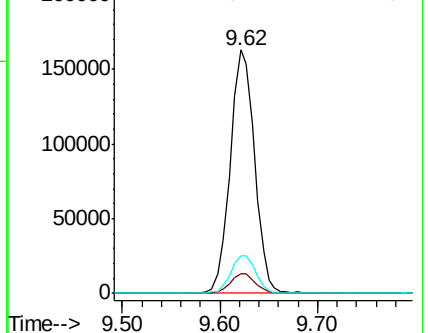
138 15.6 13.4 20.2



Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 36.249 ng

RT: 9.81 min Scan# 1145

Delta R.T. -0.00 min

Lab File: BG045883.D

Acq: 30 Jun 2020 14:01

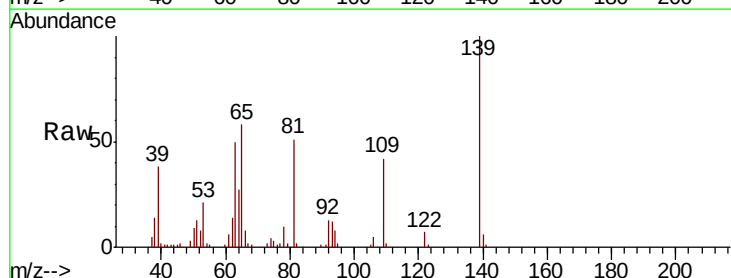
Tgt Ion: 139 Resp: 66054

Ion Ratio Lower Upper

139 100

109 42.2 32.4 48.6

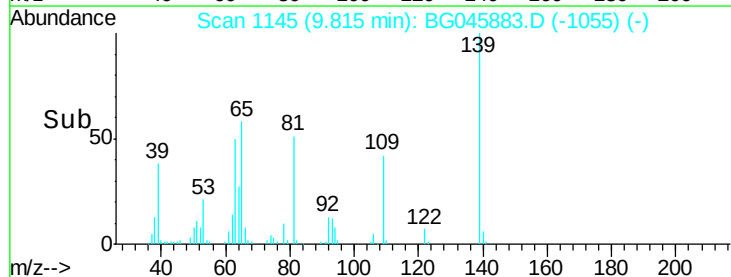
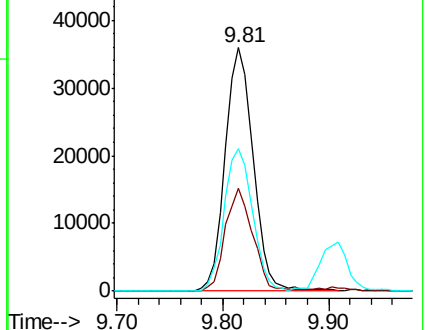
65 58.5 47.8 71.6

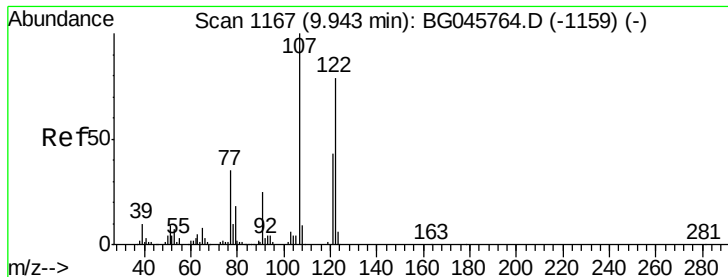


Abundance Ion 139.00 (138.70 to 139.70): BGC

Ion 109.00 (108.70 to 109.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#27

2,4-Dimethylphenol

Concen: 39.121 ng

RT: 9.91 min Scan# 1161

Delta R.T. 0.01 min

Lab File: BG045883.D

Acq: 30 Jun 2020 14:01

Instrument :

BNA_G

ClientSampleId :

PB129821BS

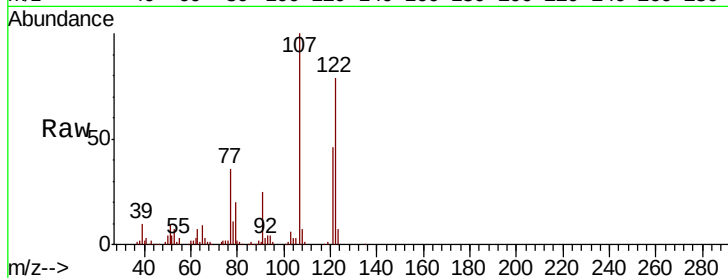
Tot Ion:122 Resp: 108839

Ion Ratio Lower Upper

122 100

107 127.2 103.1 154.7

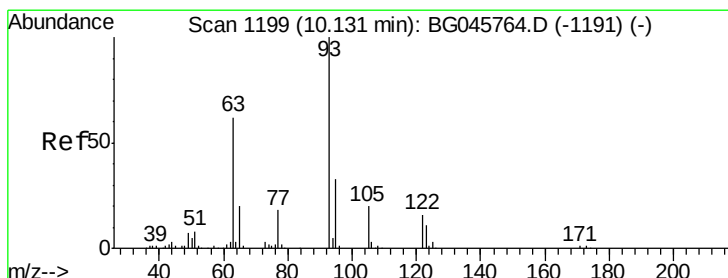
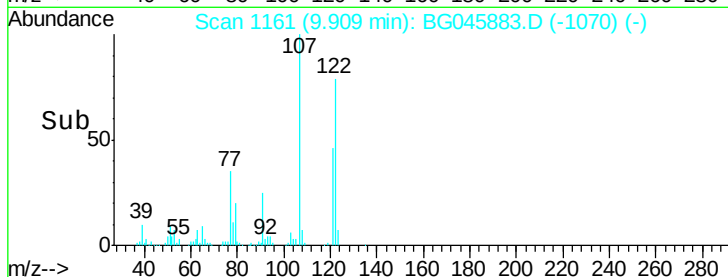
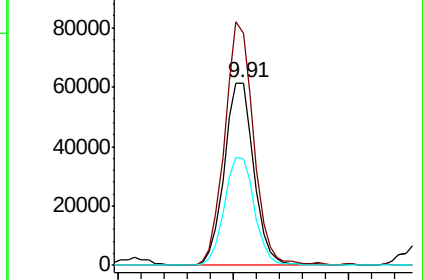
121 58.6 47.1 70.7



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: 37.566 ng

RT: 10.11 min Scan# 1195

Delta R.T. -0.00 min

Lab File: BG045883.D

Acq: 30 Jun 2020 14:01

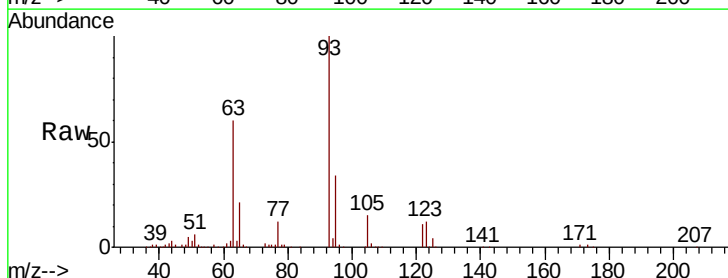
Tgt Ion: 93 Resp: 155834

Ion Ratio Lower Upper

93 100

95 33.8 25.0 37.6

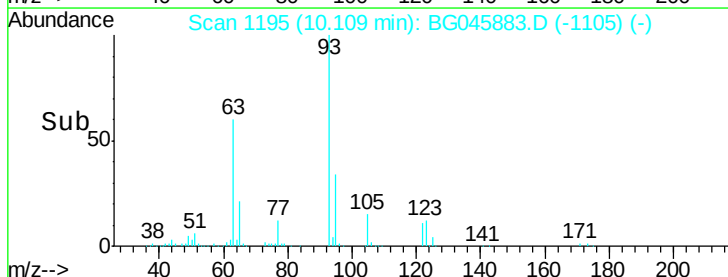
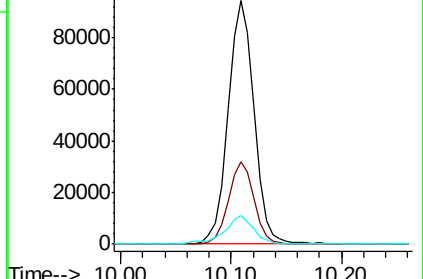
123 11.9 9.4 14.0

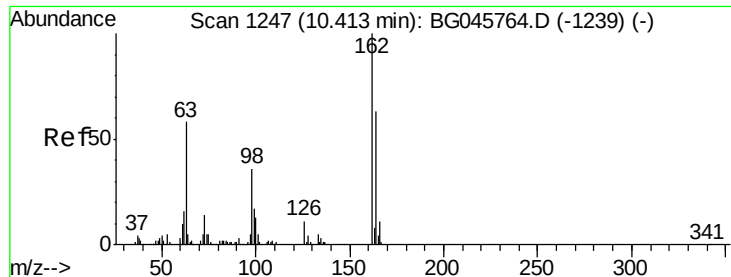


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

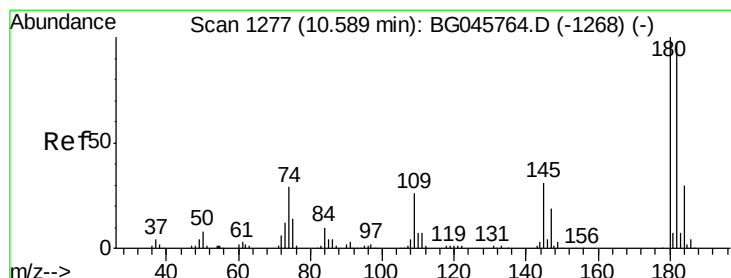
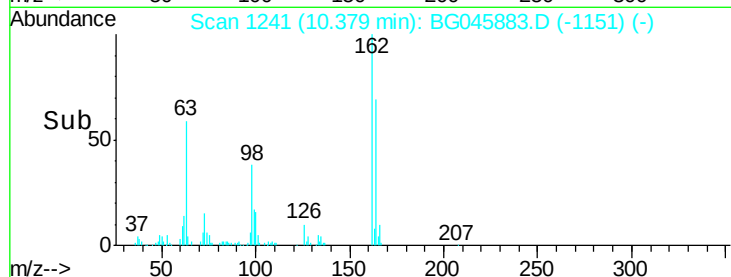
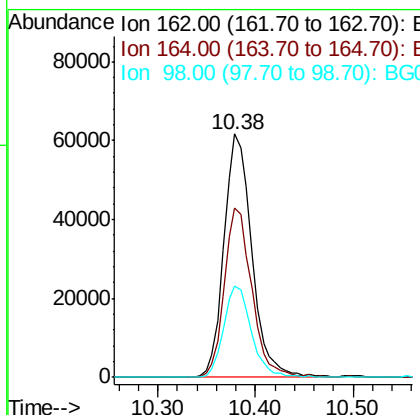
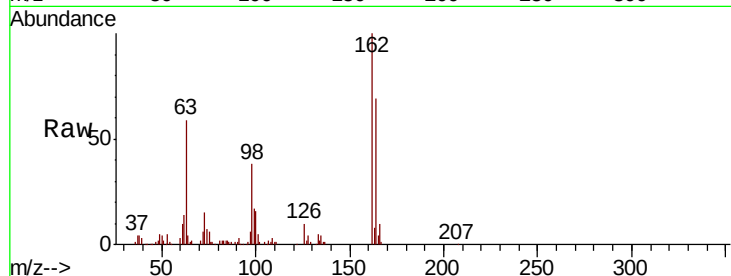




#29
 2,4-Dichlorophenol
 Concen: 37.865 ng
 RT: 10.38 min Scan# 1241
 Delta R.T. -0.00 min
 Lab File: BG045883.D
 Acq: 30 Jun 2020 14:01

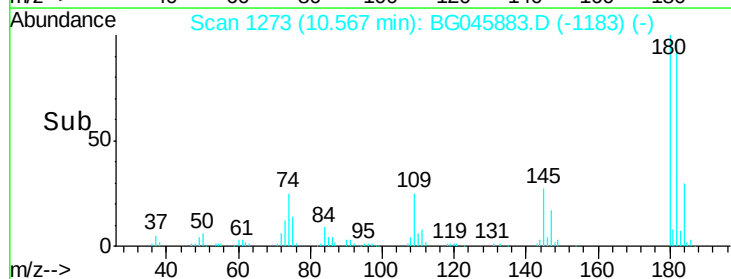
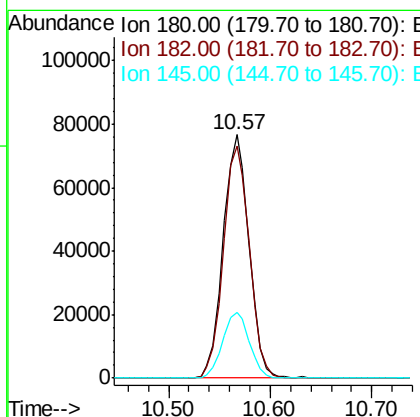
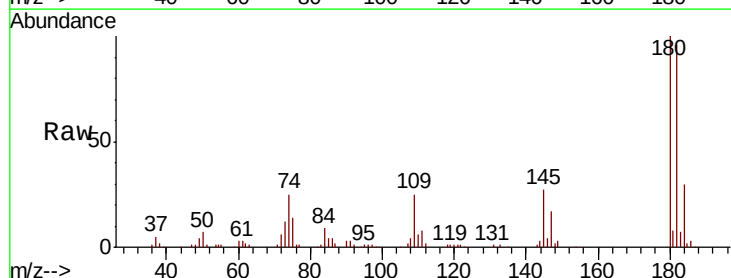
Instrument :
 BNA_G
 ClientSampleId :
 PB129821BS

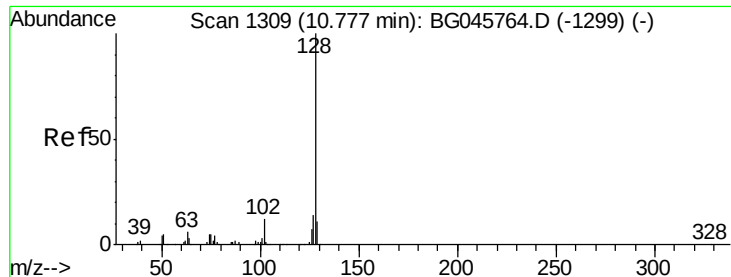
Tot Ion	Ratio	Lower	Upper
162	100		
164	69.4	50.3	90.3
98	37.6	16.9	56.9



#30
 1,2,4-Trichlorobenzene
 Concen: 35.141 ng
 RT: 10.57 min Scan# 1273
 Delta R.T. -0.00 min
 Lab File: BG045883.D
 Acq: 30 Jun 2020 14:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	75.0	112.4
145	27.1	22.9	34.3

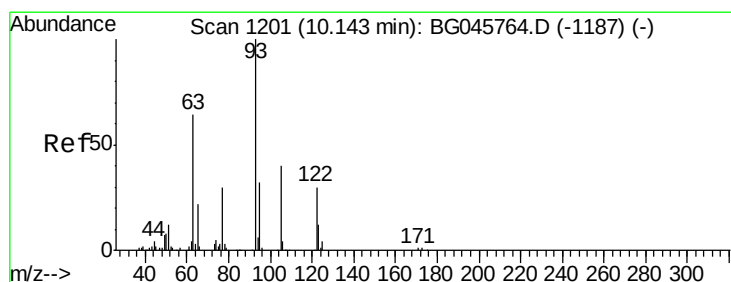
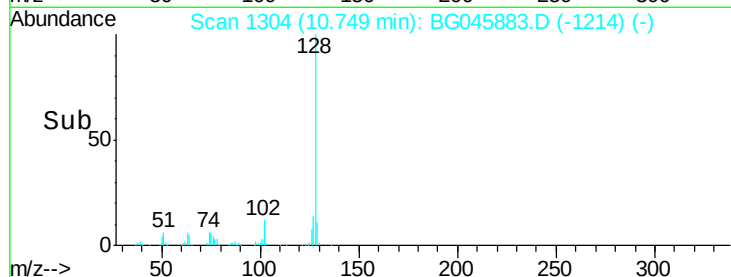
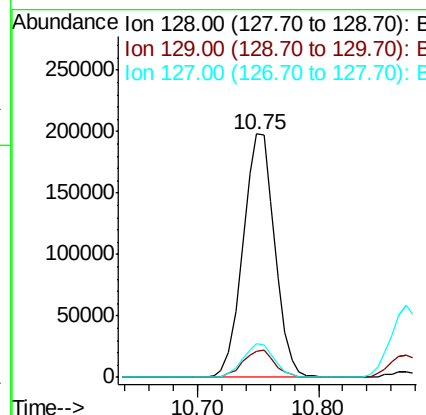
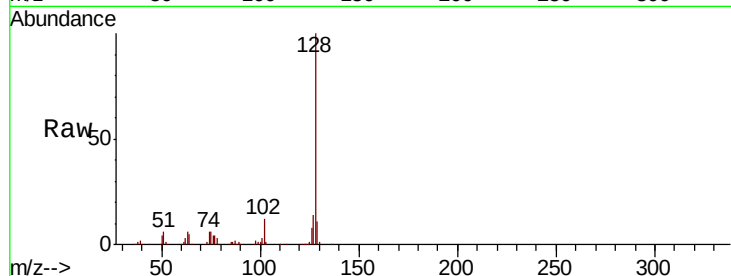




#31
Naphthalene
Concen: 35.485 ng
RT: 10.75 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BG045883.D
Acq: 30 Jun 2020 14:01

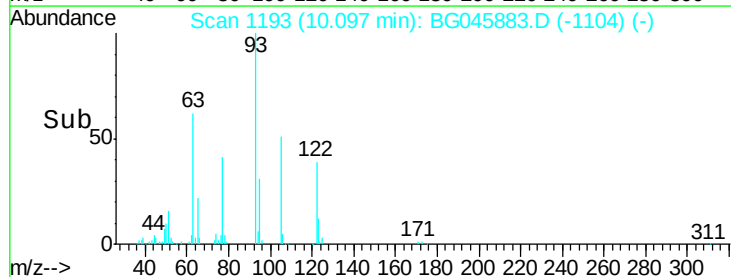
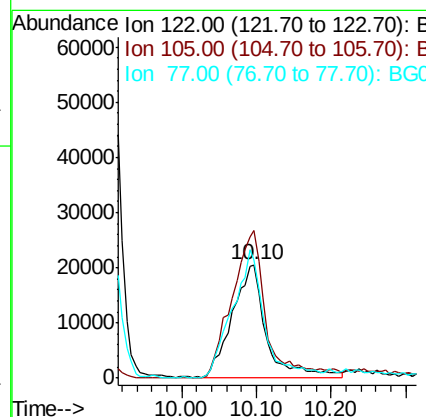
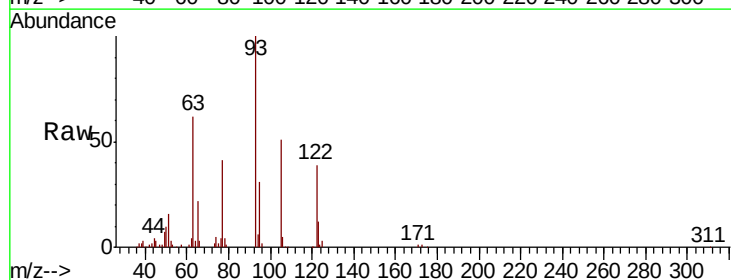
Instrument :
BNA_G
ClientSampleId :
PB129821BS

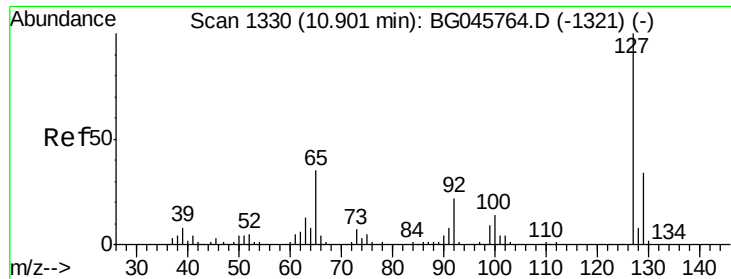
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.8	14.8
127	13.8	11.1	16.7



#32
Benzoic acid
Concen: 38.508 ng
RT: 10.10 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BG045883.D
Acq: 30 Jun 2020 14:01

Tgt Ion	Ratio	Lower	Upper
122	100		
105	130.9	110.1	150.1
77	104.3	94.1	134.1

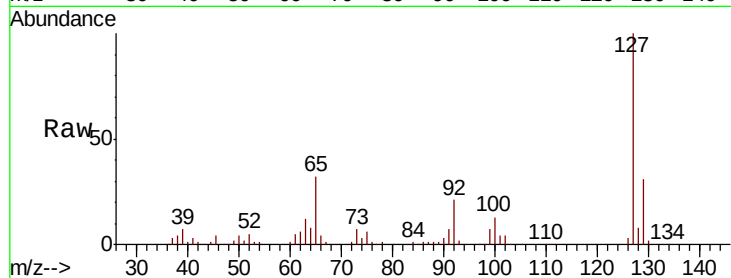




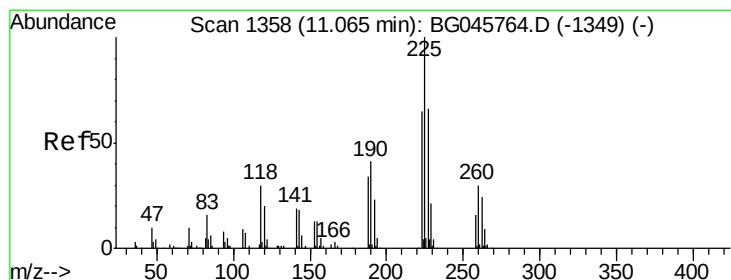
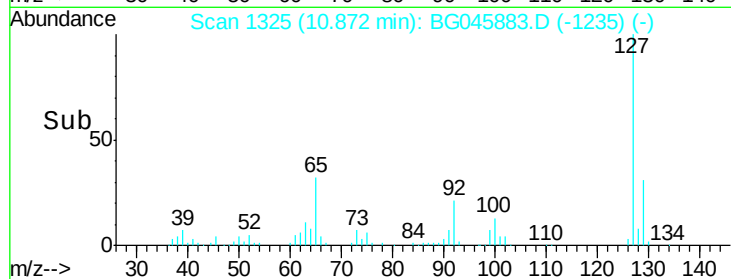
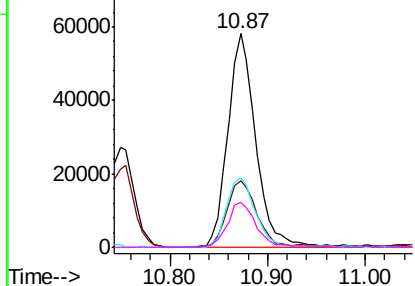
#33
4-Chloroaniline
Concen: 26.731 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BG045883.D
Acq: 30 Jun 2020 14:01

Instrument :
BNA_G
ClientSampleId :
PB129821BS

Tot Ion:127 Resp: 114691
Ion Ratio Lower Upper
127 100
129 31.3 24.5 36.7
65 32.2 25.4 38.2
92 20.8 17.4 26.2

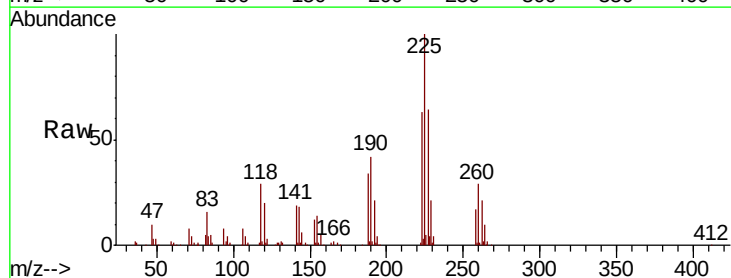


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

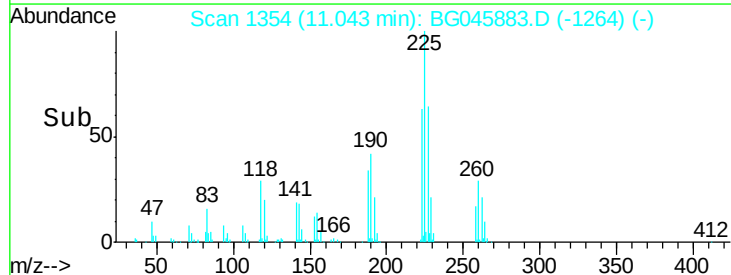
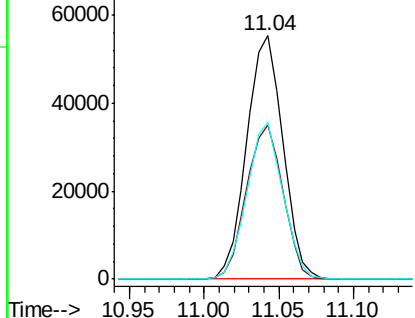


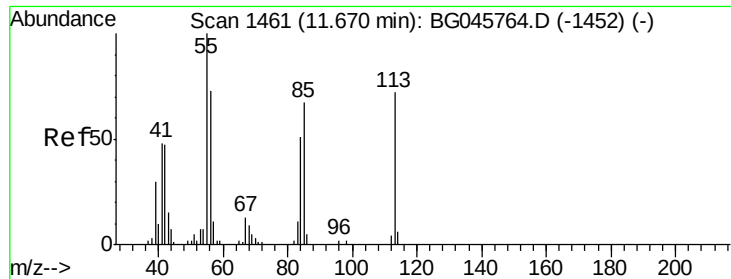
#34
Hexachlorobutadiene
Concen: 33.986 ng
RT: 11.04 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BG045883.D
Acq: 30 Jun 2020 14:01

Tgt Ion:225 Resp: 92879
Ion Ratio Lower Upper
225 100
223 63.0 50.6 76.0
227 64.3 53.6 80.4



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: 20.934 ng

RT: 11.64 min Scan# 1456

Delta R.T. -0.00 min

Lab File: BG045883.D

Acq: 30 Jun 2020 14:01

Instrument :

BNA_G

ClientSampleId :

PB129821BS

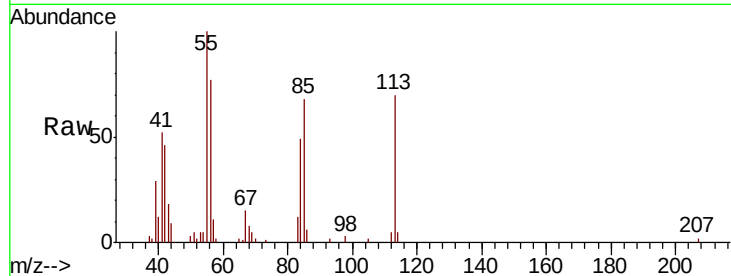
Tot Ion:113 Resp: 21989

Ion Ratio Lower Upper

113 100

55 143.5 126.8 166.8

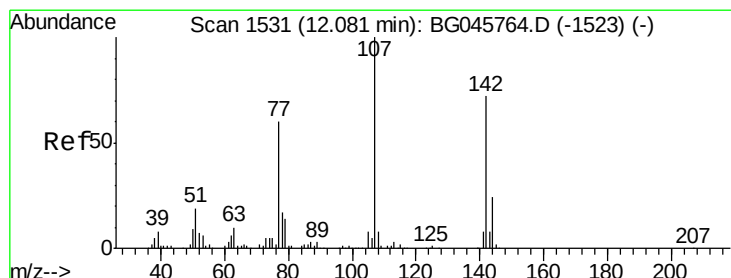
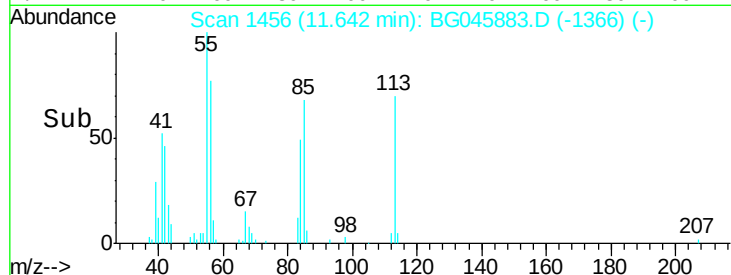
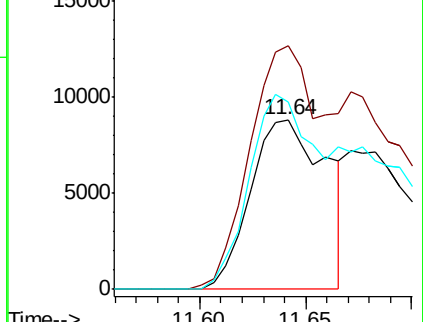
56 110.6 95.8 135.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 39.328 ng

RT: 12.04 min Scan# 1524

Delta R.T. -0.00 min

Lab File: BG045883.D

Acq: 30 Jun 2020 14:01

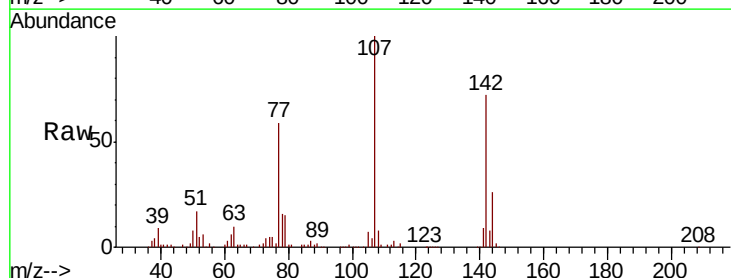
Tgt Ion:107 Resp: 147392

Ion Ratio Lower Upper

107 100

144 25.6 19.4 29.2

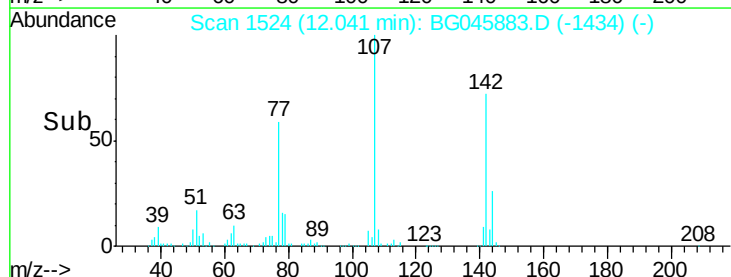
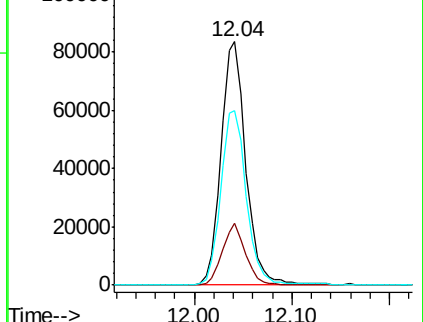
142 71.8 60.1 90.1

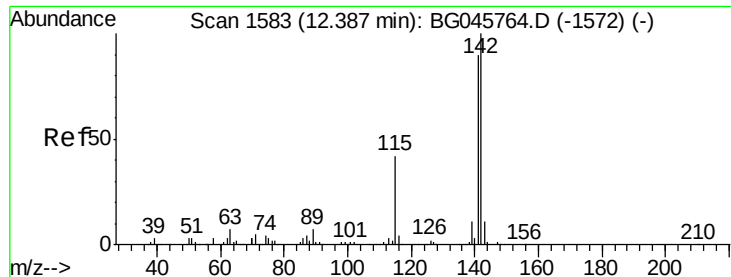


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

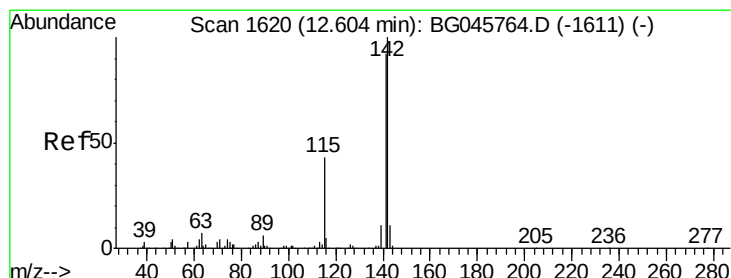
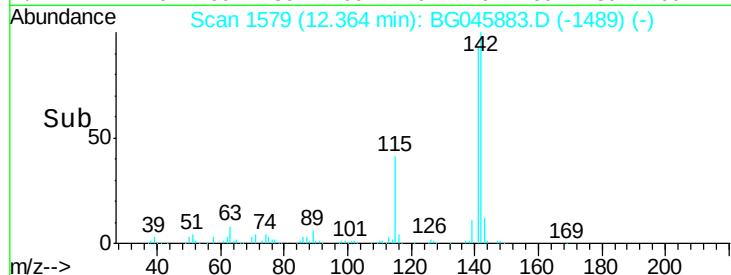
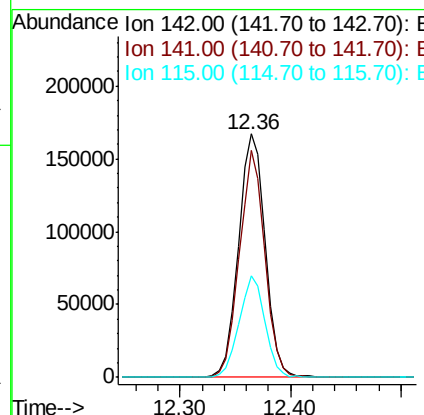
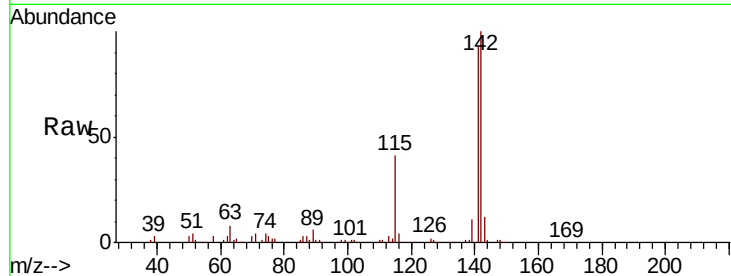




#37
2-Methylnaphthalene
Concen: 37.121 ng
RT: 12.36 min Scan# 1579
Delta R.T. -0.00 min
Lab File: BG045883.D
Acq: 30 Jun 2020 14:01

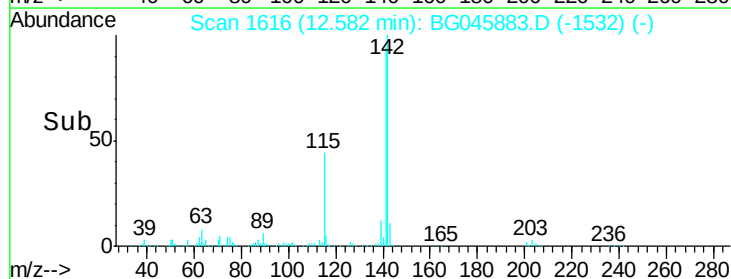
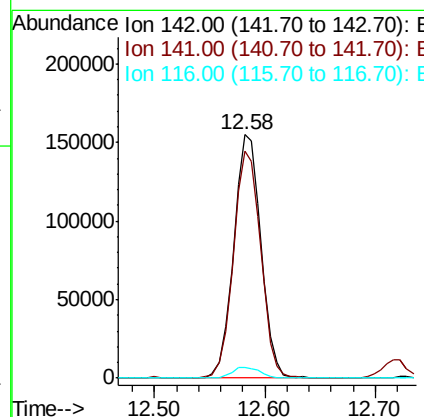
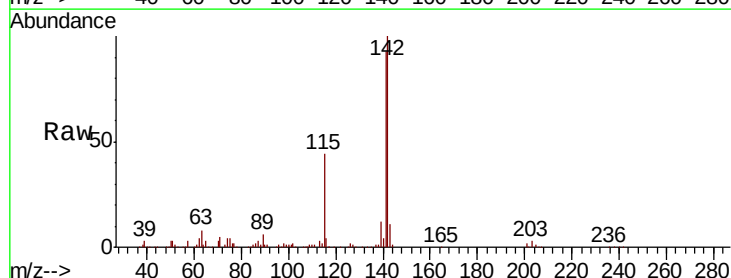
Instrument :
BNA_G
ClientSampleId :
PB129821BS

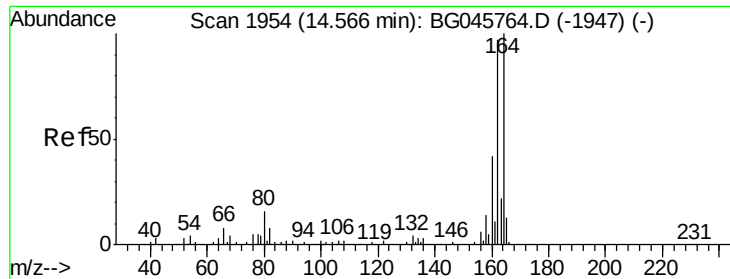
Tot Ion	Ratio	Lower	Upper
142	100		
141	93.2	70.3	105.5
115	41.5	32.4	48.6



#38
1-Methylnaphthalene
Concen: 37.157 ng
RT: 12.58 min Scan# 1616
Delta R.T. -0.01 min
Lab File: BG045883.D
Acq: 30 Jun 2020 14:01

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.4	73.0	109.4
116	4.5	3.4	5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.55 min Scan# 1951

Delta R.T. -0.00 min

Lab File: BG045883.D

Acq: 30 Jun 2020 14:01

Instrument :

BNA_G

ClientSampleId :

PB129821BS

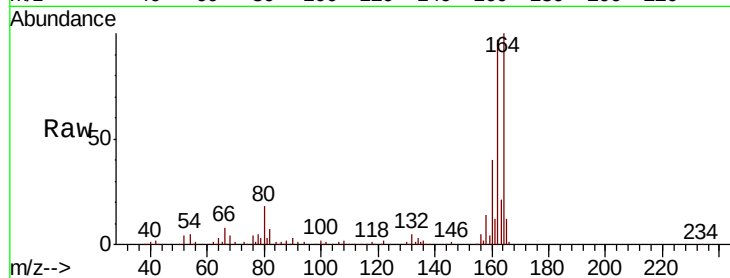
Tot Ion:164 Resp: 139331

Ion Ratio Lower Upper

164 100

162 96.6 80.6 120.8

160 39.5 35.0 52.4

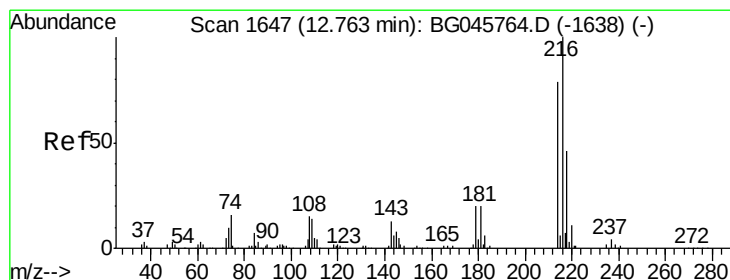
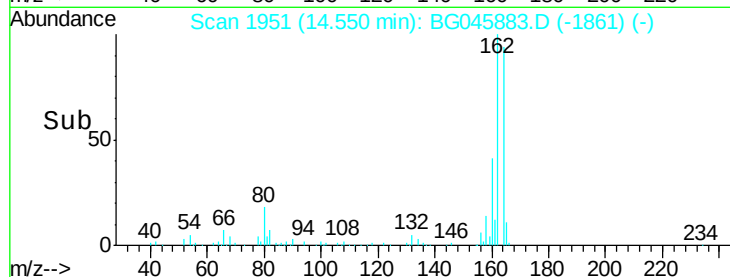
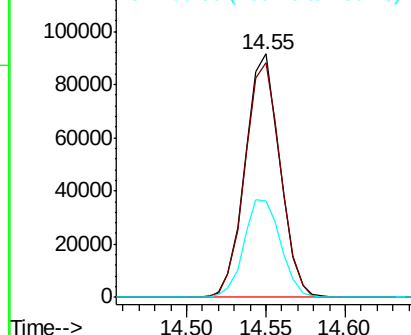


Abundance

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: 33.762 ng

RT: 12.74 min Scan# 1643

Delta R.T. -0.00 min

Lab File: BG045883.D

Acq: 30 Jun 2020 14:01

Tgt Ion:216 Resp: 154895

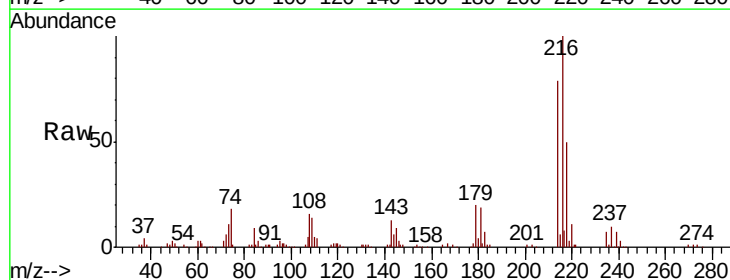
Ion Ratio Lower Upper

216 100

214 80.9 62.0 93.0

179 20.8 15.7 23.5

108 19.0 13.6 20.4



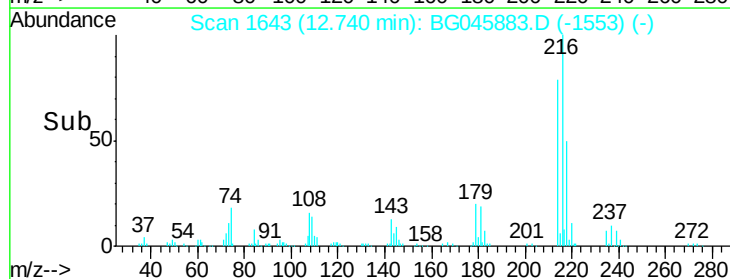
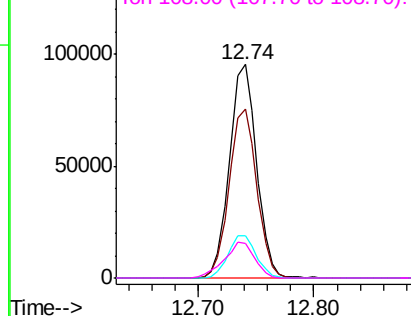
Abundance

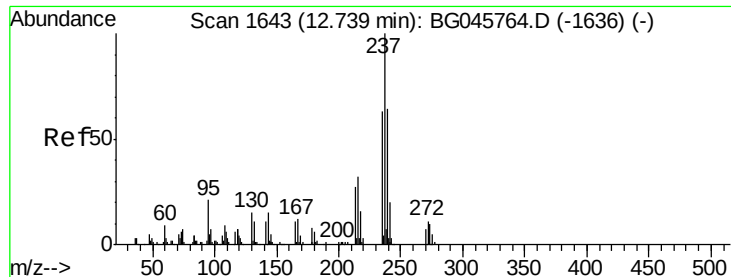
Ion 216.00 (215.70 to 216.70): E

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

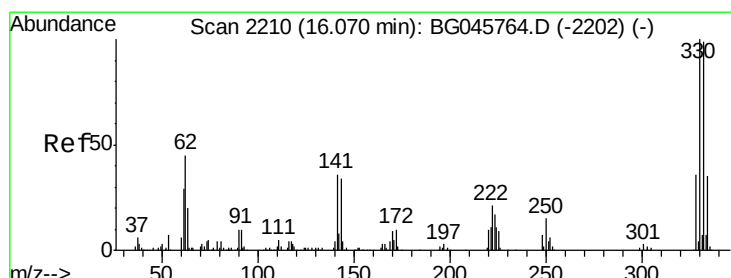
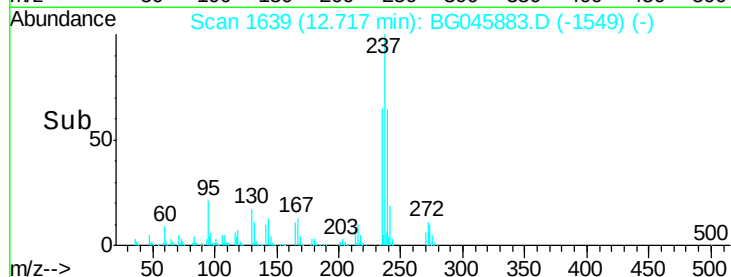
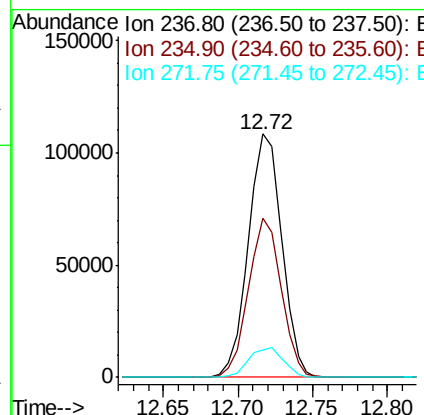
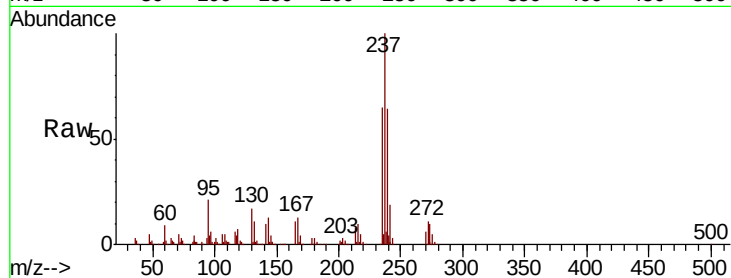




#41
Hexachlorocyclopentadiene
Concen: 67.826 ng
RT: 12.72 min Scan# 1639
Delta R.T. -0.00 min
Lab File: BG045883.D
Acq: 30 Jun 2020 14:01

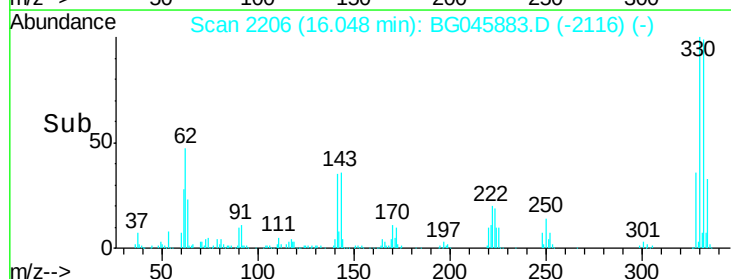
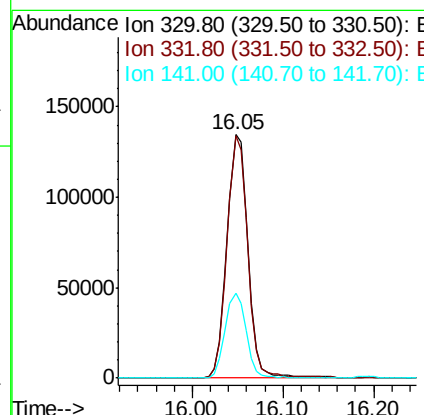
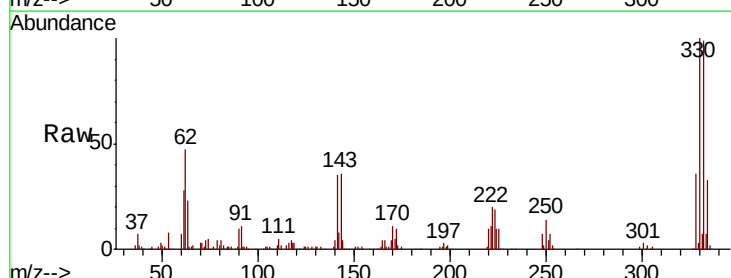
Instrument :
BNA_G
ClientSampleId :
PB129821BS

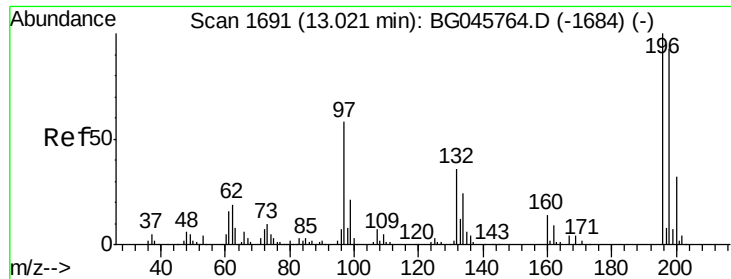
Tot Ion	Ratio	Lower	Upper
237	100		
235	65.2	41.3	81.3
272	11.3	0.0	32.9



#42
2,4,6-Tribromophenol
Concen: 103.088 ng
RT: 16.05 min Scan# 2206
Delta R.T. -0.00 min
Lab File: BG045883.D
Acq: 30 Jun 2020 14:01

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.2	76.6	114.8
141	34.5	27.7	41.5

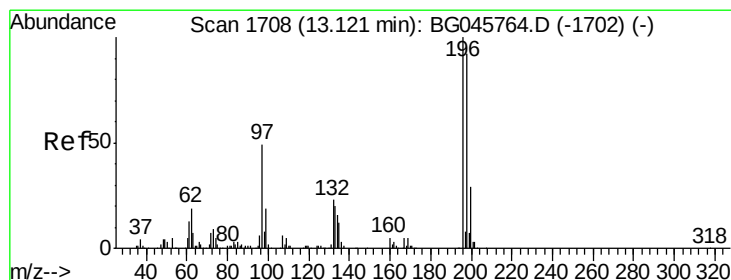
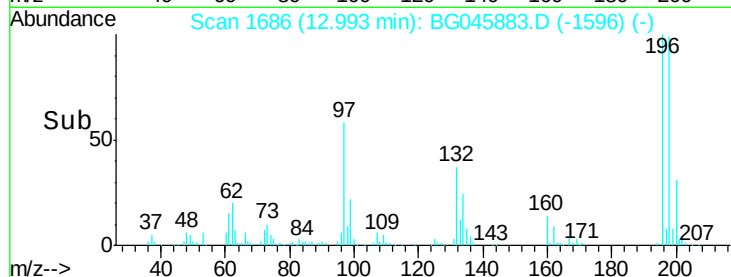
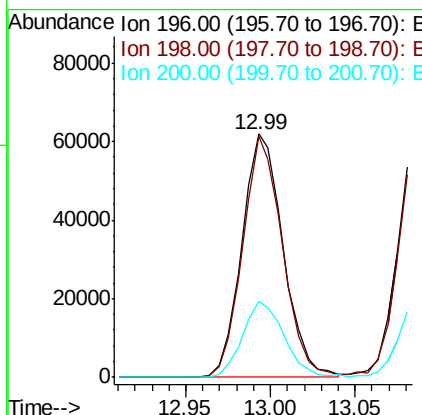
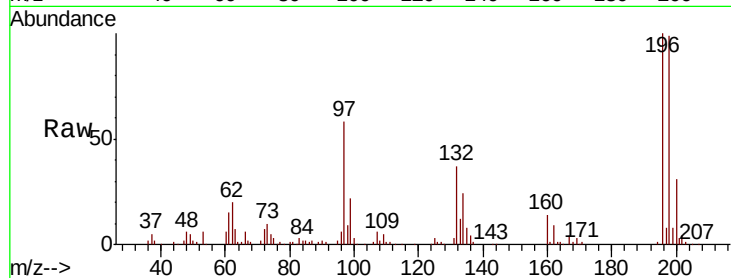




#43
 2,4,6-Trichlorophenol
 Concen: 33.643 ng
 RT: 12.99 min Scan# 1686
 Delta R.T. -0.00 min
 Lab File: BG045883.D
 Acq: 30 Jun 2020 14:01

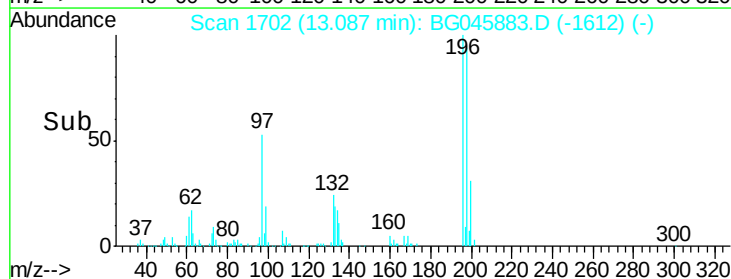
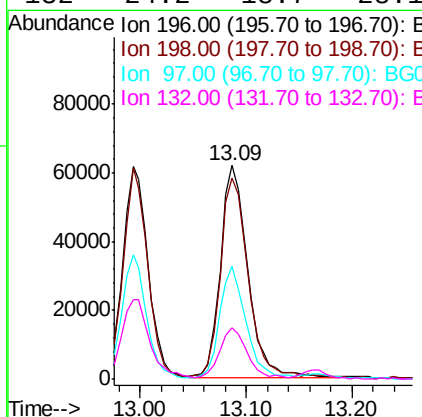
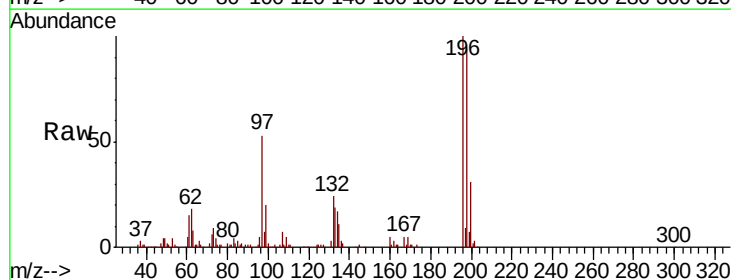
Instrument :
 BNA_G
 ClientSampleId :
 PB129821BS

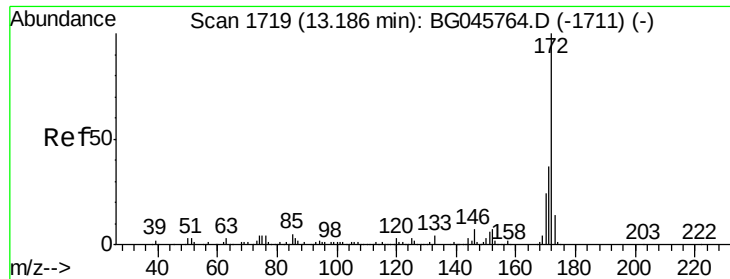
Tot Ion:196 Resp: 104649
 Ion Ratio Lower Upper
 196 100
 198 99.2 73.4 110.0
 200 31.4 23.4 35.0



#44
 2,4,5-Trichlorophenol
 Concen: 31.508 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. -0.00 min
 Lab File: BG045883.D
 Acq: 30 Jun 2020 14:01

Tgt Ion:196 Resp: 111701
 Ion Ratio Lower Upper
 196 100
 198 94.1 71.8 107.8
 97 52.5 37.8 56.8
 132 24.2 18.7 28.1

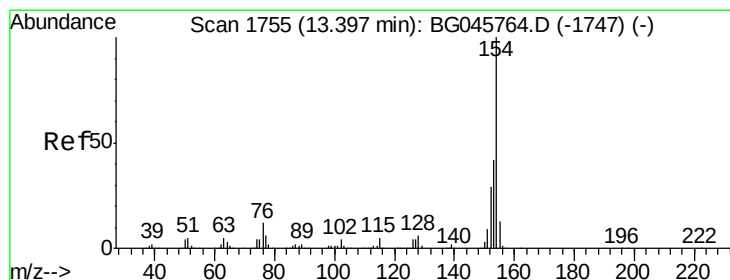
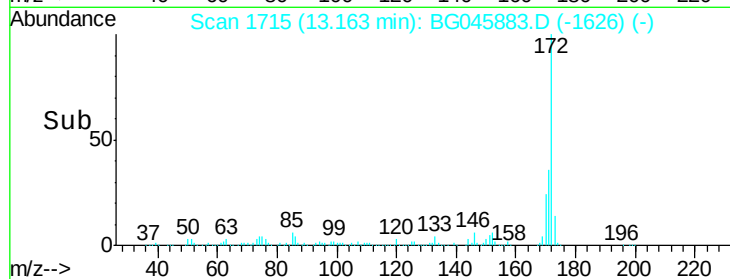
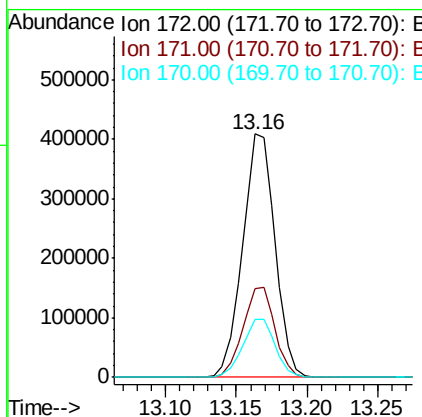
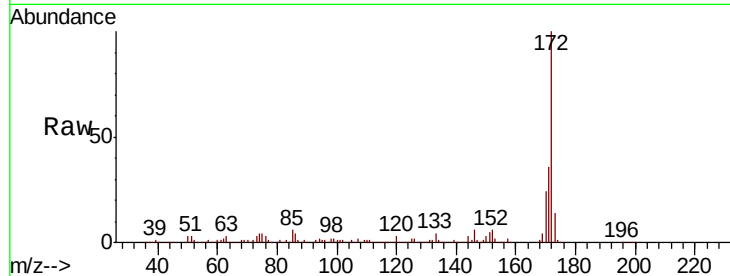




#45
 2-Fluorobiphenyl
 Concen: 69.344 ng
 RT: 13.16 min Scan# 1715
 Delta R.T. -0.01 min
 Lab File: BG045883.D
 Acq: 30 Jun 2020 14:01

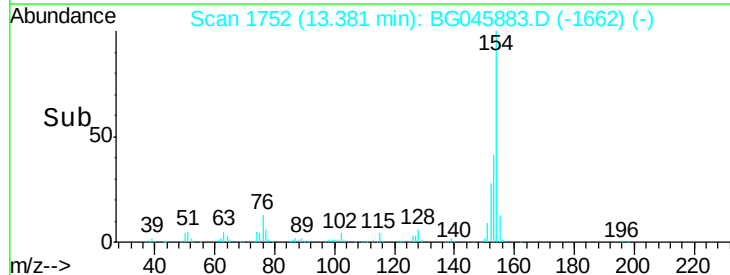
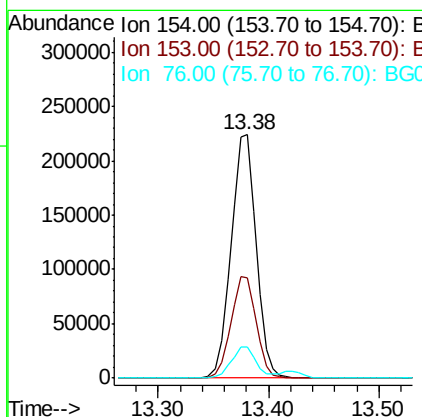
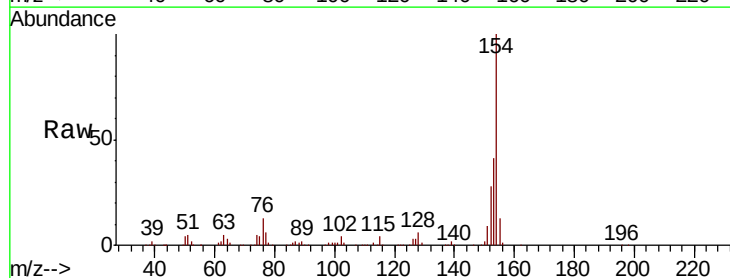
Instrument :
 BNA_G
 ClientSampleId :
 PB129821BS

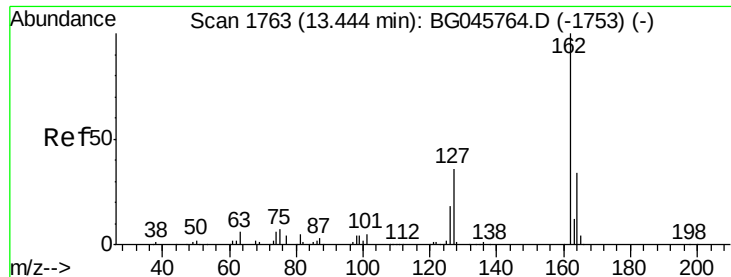
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.9	43.3
170	23.7	19.1	28.7



#46
 1,1'-Biphenyl
 Concen: 35.877 ng
 RT: 13.38 min Scan# 1752
 Delta R.T. -0.00 min
 Lab File: BG045883.D
 Acq: 30 Jun 2020 14:01

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	20.5	60.5
76	12.5	0.0	32.6

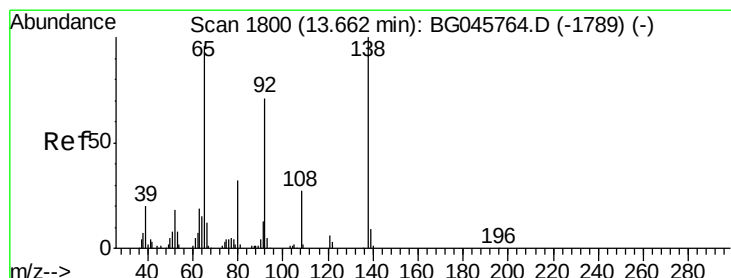
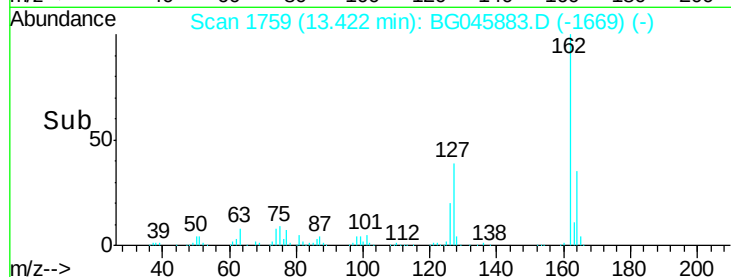
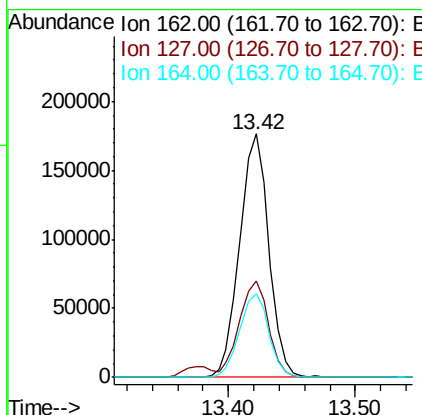
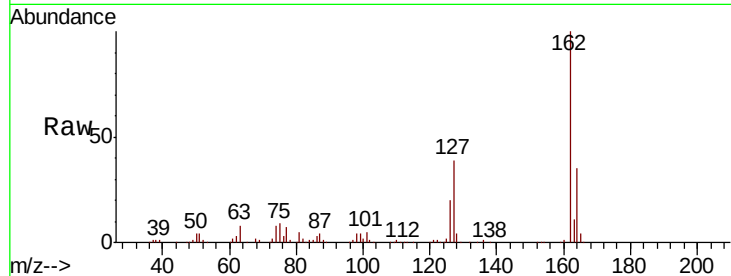




#47
2-Chloronaphthalene
Concen: 34.920 ng
RT: 13.42 min Scan# 1759
Delta R.T. -0.00 min
Lab File: BG045883.D
Acq: 30 Jun 2020 14:01

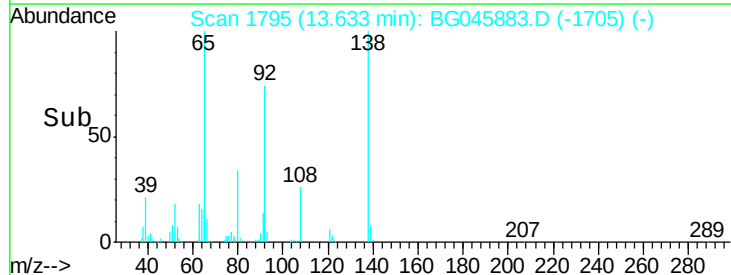
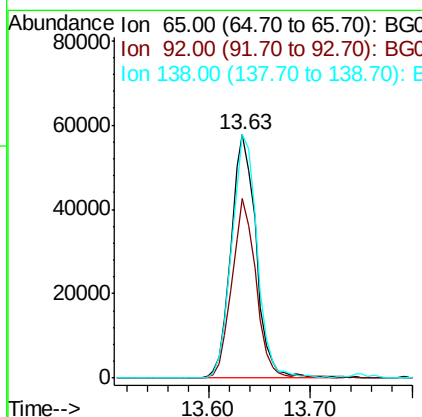
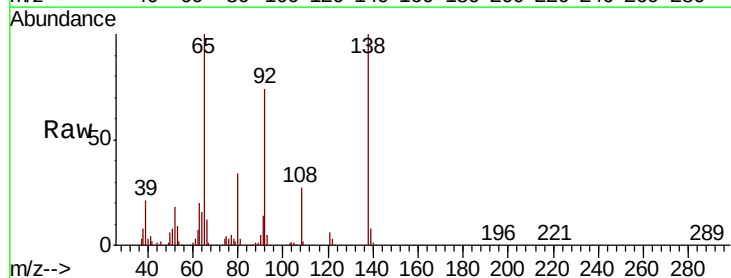
Instrument :
BNA_G
ClientSampleId :
PB129821BS

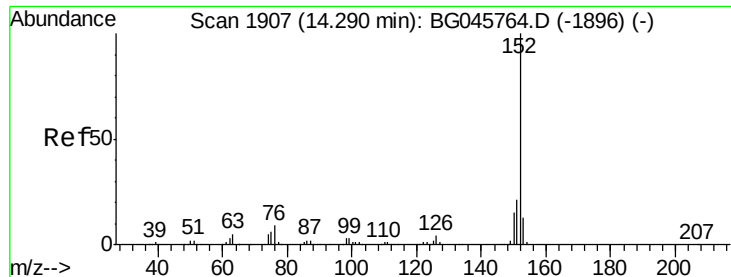
Tot Ion:162 Resp: 281382
Ion Ratio Lower Upper
162 100
127 39.4 31.8 47.8
164 34.5 27.9 41.9



#48
2-Nitroaniline
Concen: 37.081 ng
RT: 13.63 min Scan# 1795
Delta R.T. -0.00 min
Lab File: BG045883.D
Acq: 30 Jun 2020 14:01

Tgt Ion: 65 Resp: 99389
Ion Ratio Lower Upper
65 100
92 73.7 54.6 82.0
138 99.9 78.2 117.4





#49

Acenaphthylene

Concen: 35.693 ng

RT: 14.27 min Scan# 1903

Delta R.T. -0.00 min

Lab File: BG045883.D

Acq: 30 Jun 2020 14:01

Instrument :

BNA_G

ClientSampleId :

PB129821BS

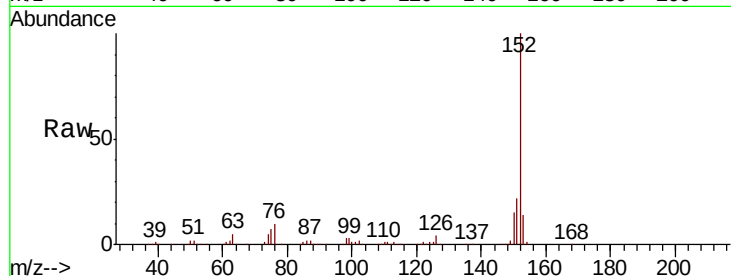
Tot Ion:152 Resp: 460681

Ion Ratio Lower Upper

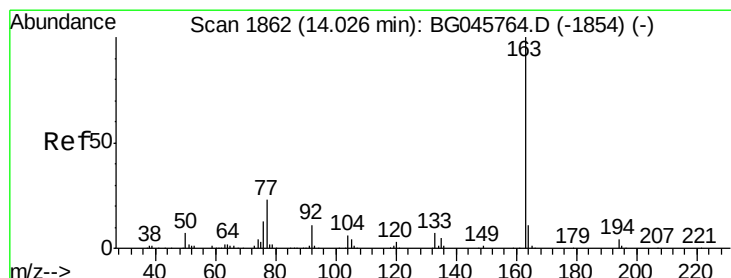
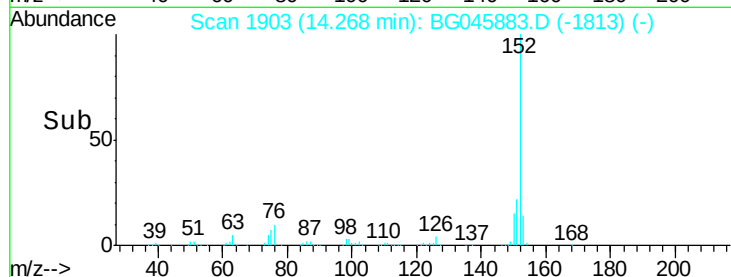
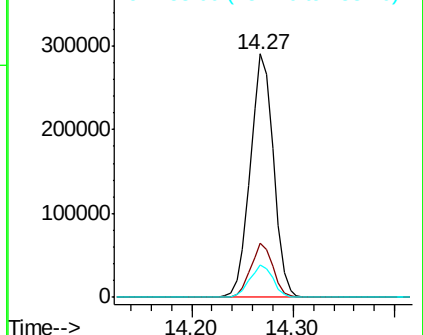
152 100

151 22.2 16.5 24.7

153 13.6 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: 37.251 ng

RT: 14.01 min Scan# 1859

Delta R.T. -0.00 min

Lab File: BG045883.D

Acq: 30 Jun 2020 14:01

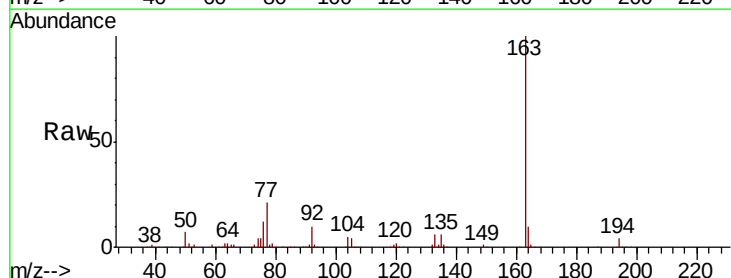
Tgt Ion:163 Resp: 406599

Ion Ratio Lower Upper

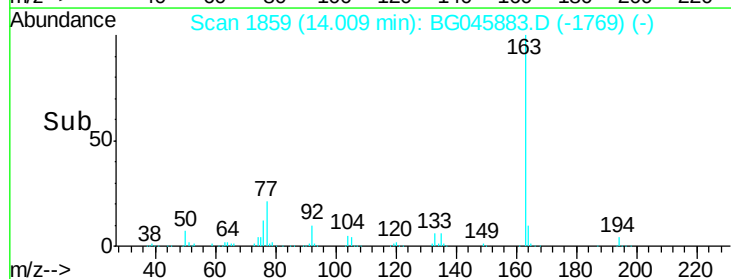
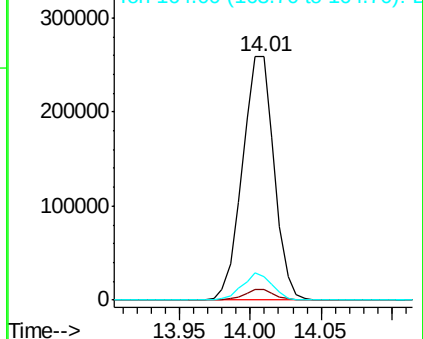
163 100

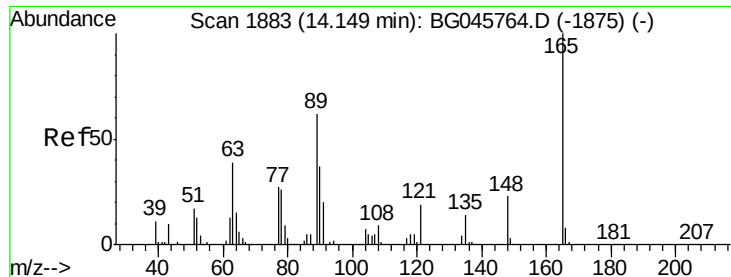
194 4.2 3.3 4.9

164 9.8 8.8 13.2



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: 37.471 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.00 min

Lab File: BG045883.D

Acq: 30 Jun 2020 14:01

Instrument :

BNA_G

ClientSampleId :

PB129821BS

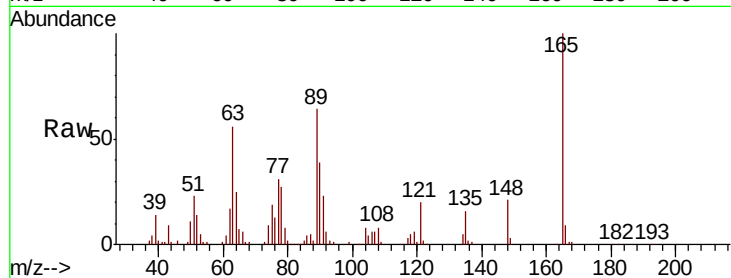
Tot Ion:165 Resp: 91862

Ion Ratio Lower Upper

165 100

63 56.0 45.6 68.4

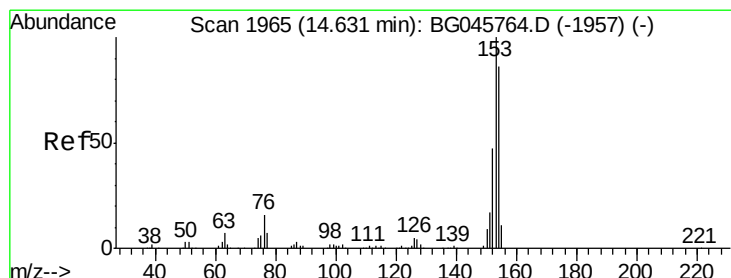
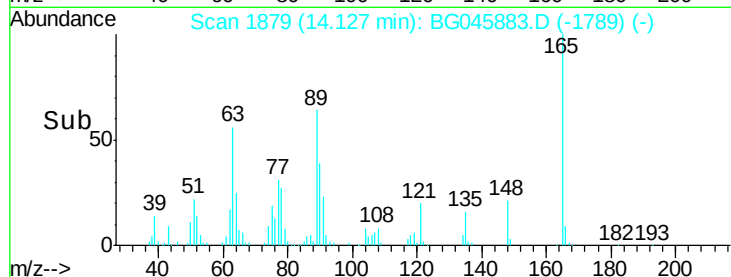
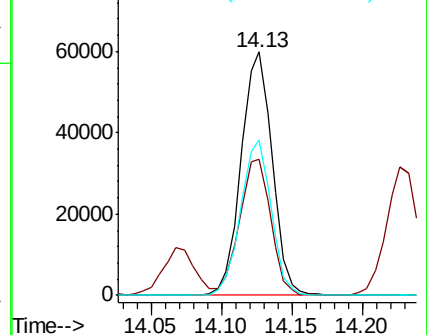
89 63.7 52.8 79.2



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 35.489 ng

RT: 14.61 min Scan# 1962

Delta R.T. -0.00 min

Lab File: BG045883.D

Acq: 30 Jun 2020 14:01

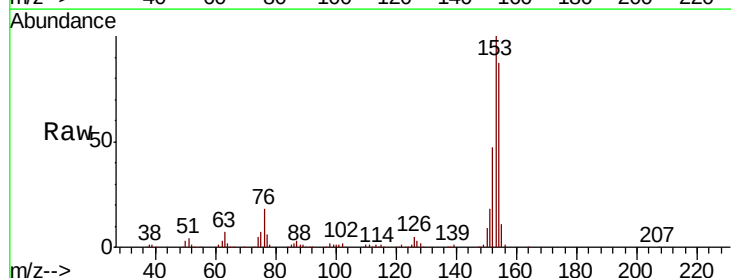
Tgt Ion:154 Resp: 277643

Ion Ratio Lower Upper

154 100

153 114.3 92.4 138.6

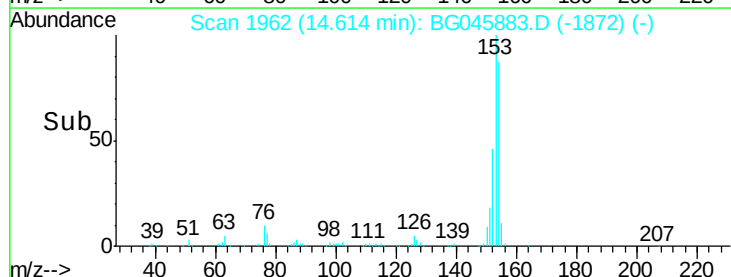
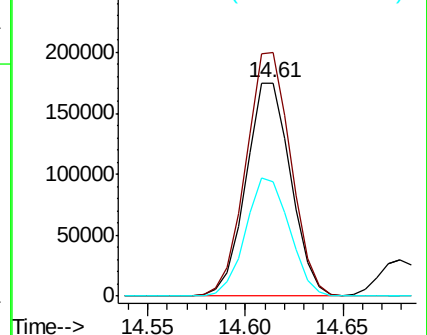
152 53.5 41.9 62.9

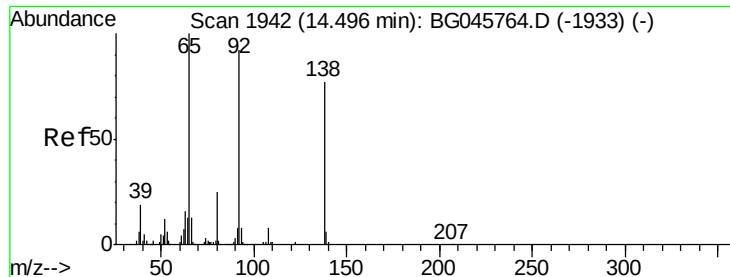


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 29.777 ng

RT: 14.47 min Scan# 1937

Delta R.T. -0.00 min

Lab File: BG045883.D

Acq: 30 Jun 2020 14:01

Instrument :

BNA_G

ClientSampleId :

PB129821BS

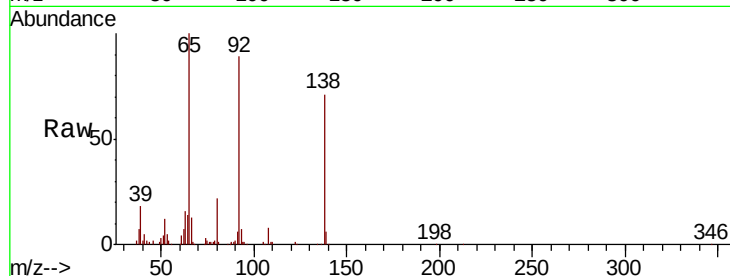
Tot Ion:138 Resp: 72917

Ion Ratio Lower Upper

138 100

108 11.4 9.3 13.9

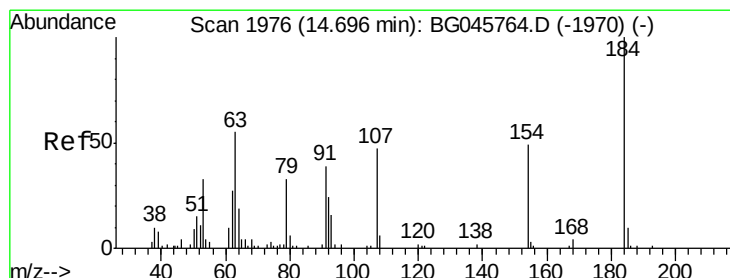
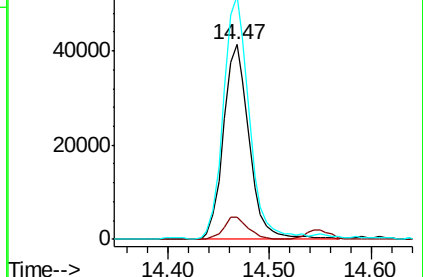
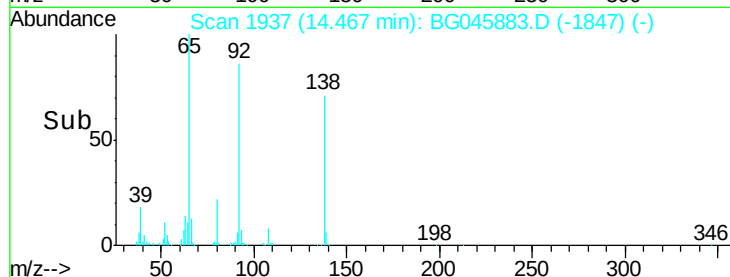
92 125.0 101.3 151.9



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 63.847 ng

RT: 14.68 min Scan# 1973

Delta R.T. -0.00 min

Lab File: BG045883.D

Acq: 30 Jun 2020 14:01

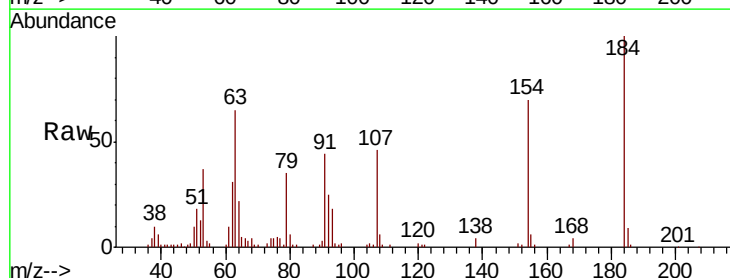
Tgt Ion:184 Resp: 83975

Ion Ratio Lower Upper

184 100

63 65.0 51.9 77.9

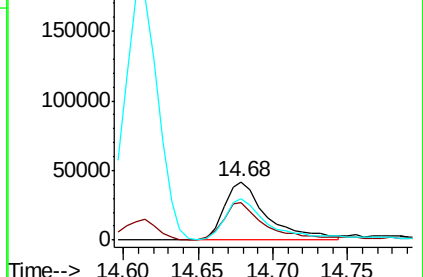
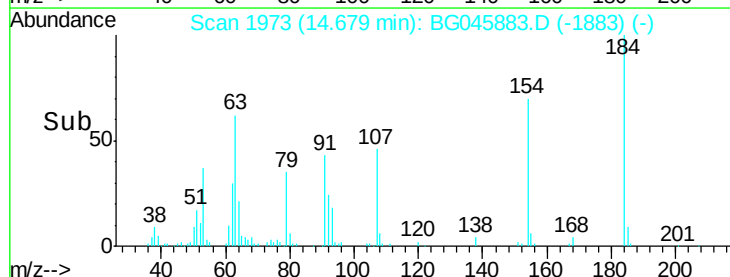
154 70.2 60.7 91.1

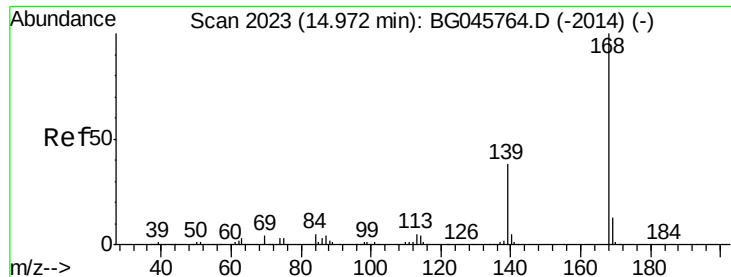


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

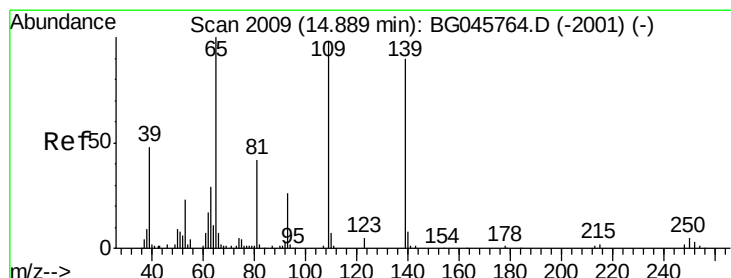
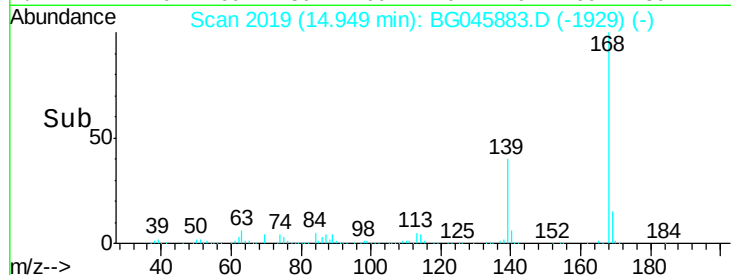
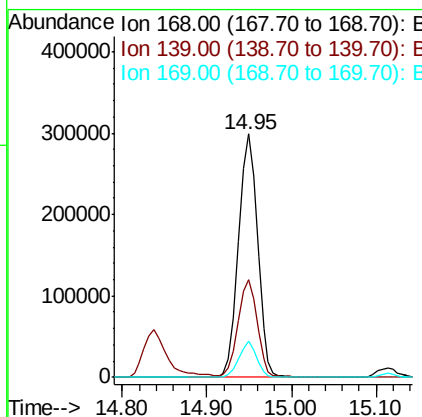
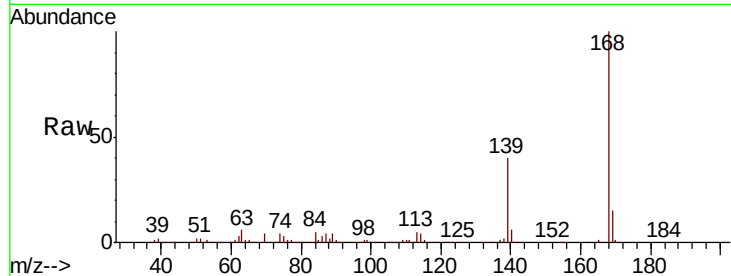




#55
Dibenzenofuran
Concen: 36.434 ng
RT: 14.95 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BG045883.D
Acq: 30 Jun 2020 14:01

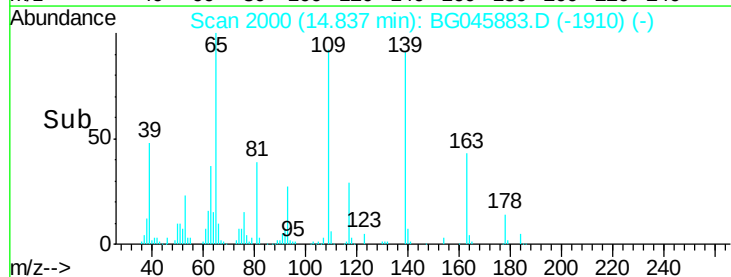
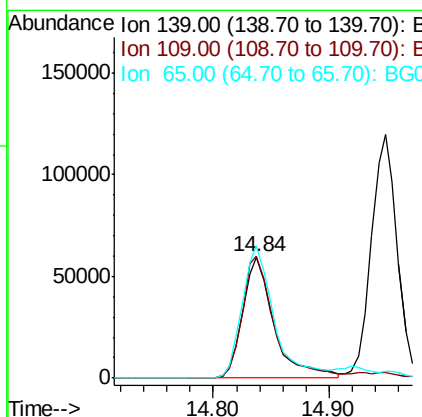
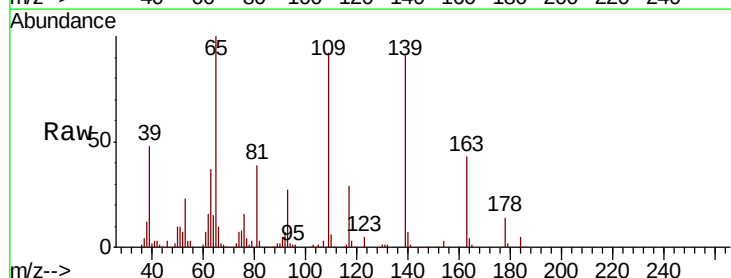
Instrument :
BNA_G
ClientSampleId :
PB129821BS

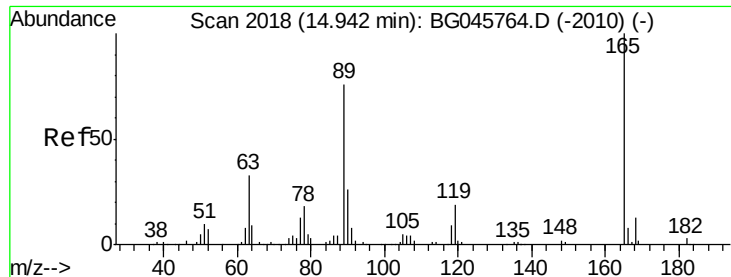
Tot Ion	Ratio	Lower	Upper
168	100		
139	40.0	31.4	47.2
169	14.7	10.4	15.6



#56
4-Nitrophenol
Concen: 64.909 ng
RT: 14.84 min Scan# 2000
Delta R.T. -0.00 min
Lab File: BG045883.D
Acq: 30 Jun 2020 14:01

Tgt Ion	Ratio	Lower	Upper
139	100		
109	100.6	83.9	123.9
65	109.7	87.8	127.8

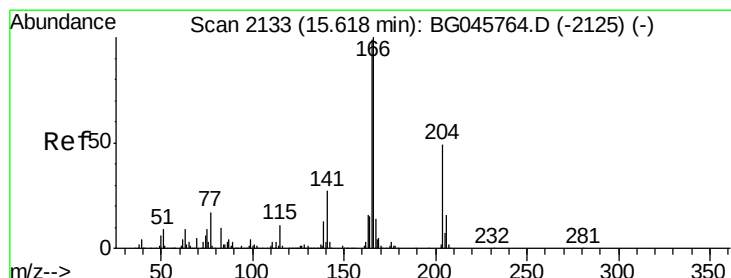
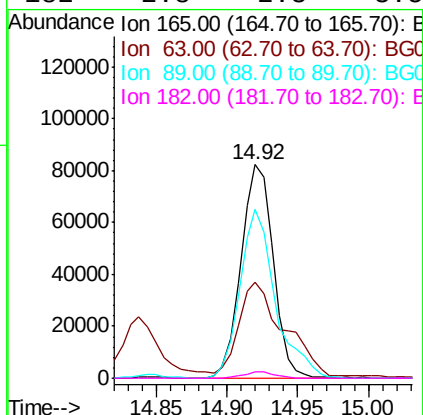
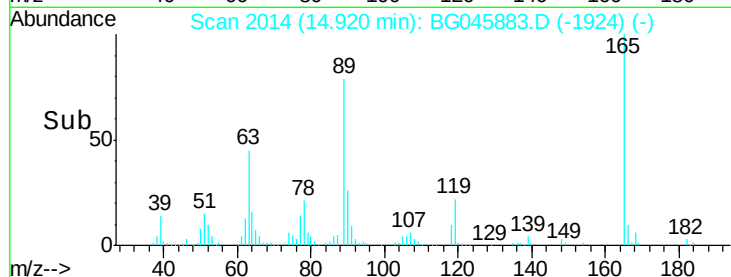
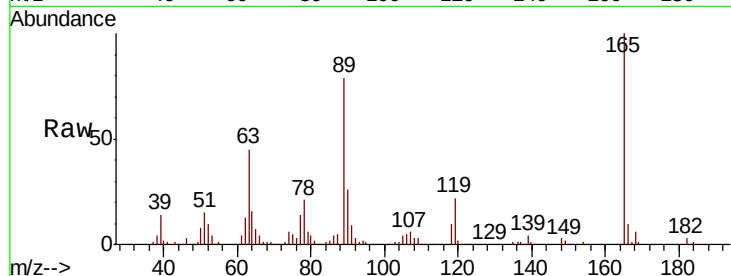




#57
2,4-Dinitrotoluene
Concen: 37.521 ng
RT: 14.92 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BG045883.D
Acq: 30 Jun 2020 14:01

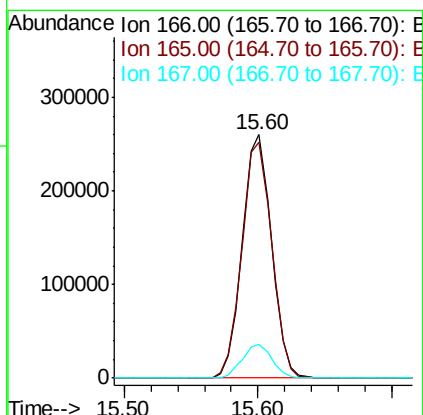
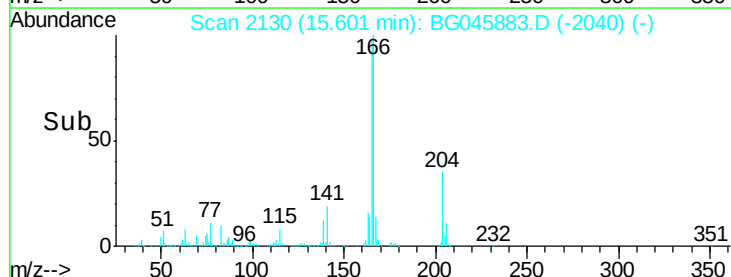
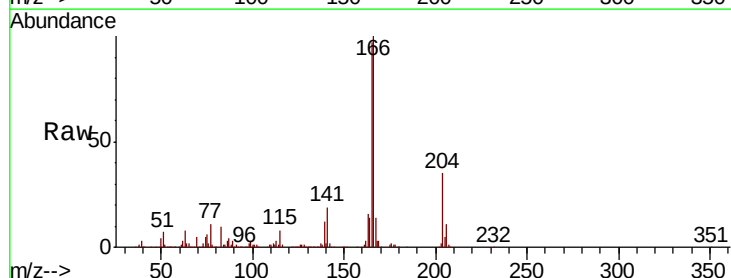
Instrument :
BNA_G
ClientSampleId :
PB129821BS

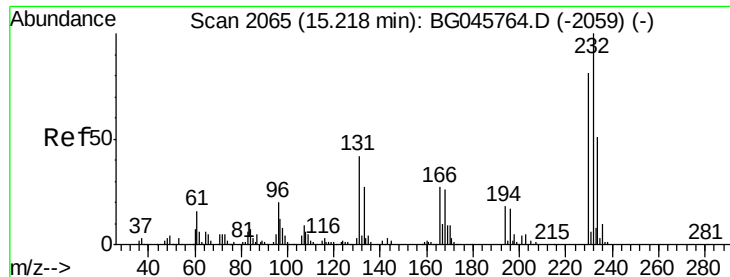
Tot Ion:165 Resp: 131796
Ion Ratio Lower Upper
165 100
63 45.2 35.2 52.8
89 79.3 61.4 92.2
182 2.8 2.3 3.5



#58
Fluorene
Concen: 37.135 ng
RT: 15.60 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BG045883.D
Acq: 30 Jun 2020 14:01

Tgt Ion:166 Resp: 392445
Ion Ratio Lower Upper
166 100
165 96.7 78.2 117.2
167 13.6 11.3 16.9

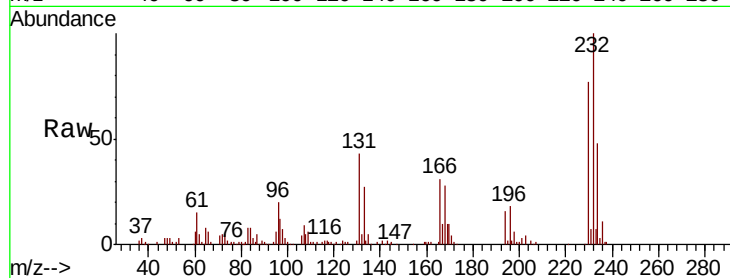




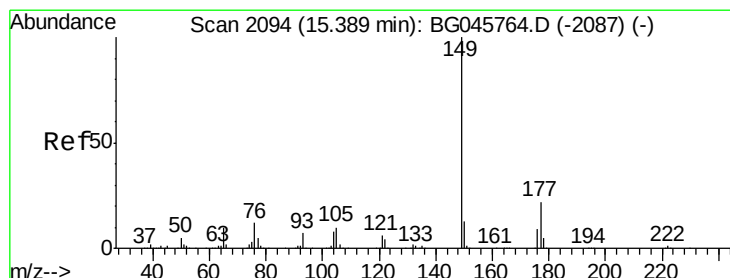
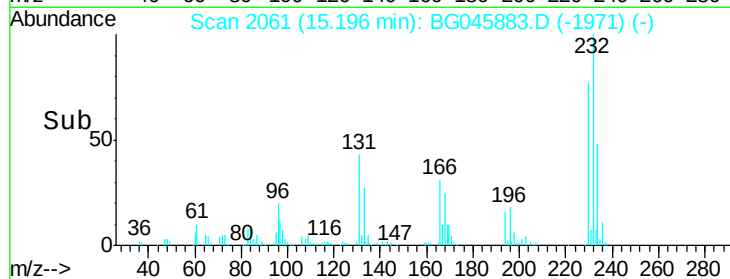
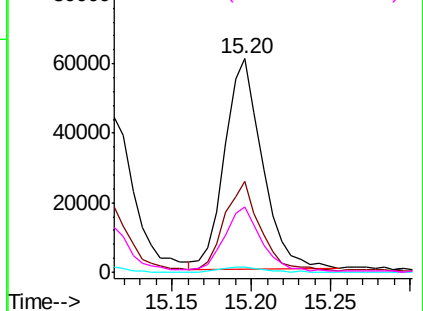
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 32.467 ng
 RT: 15.20 min Scan# 2061
 Delta R.T. -0.00 min
 Lab File: BG045883.D
 Acq: 30 Jun 2020 14:01

Instrument :
 BNA_G
 ClientSampleId :
 PB129821BS

Tot Ion:232	Resp:	99900
Ion	Ratio	Lower Upper
232	100	
131	40.3	31.8 47.8
130	2.8	2.2 3.4
166	30.4	22.5 33.7

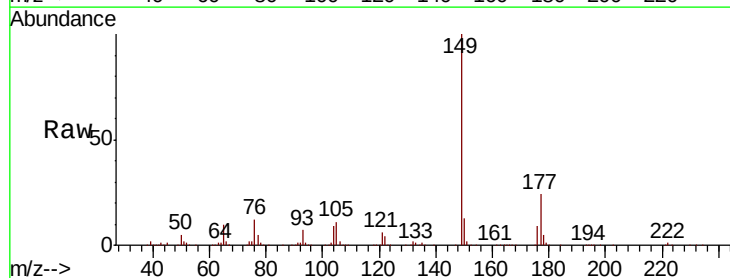


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

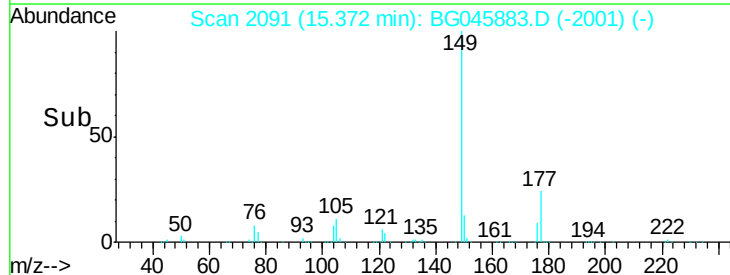
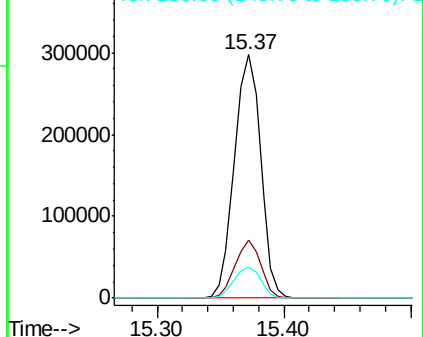


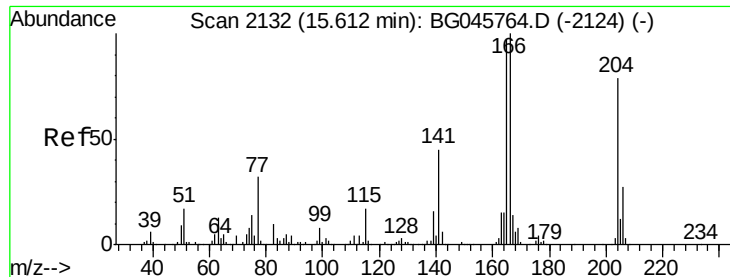
#60
 Diethylphthalate
 Concen: 38.275 ng
 RT: 15.37 min Scan# 2091
 Delta R.T. -0.00 min
 Lab File: BG045883.D
 Acq: 30 Jun 2020 14:01

Tgt Ion:149	Resp:	427085
Ion	Ratio	Lower Upper
149	100	
177	23.6	18.0 27.0
150	13.0	10.4 15.6



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

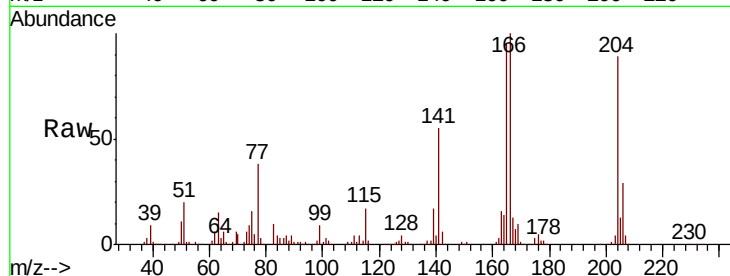




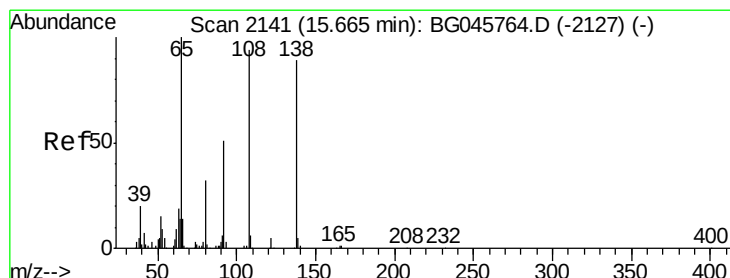
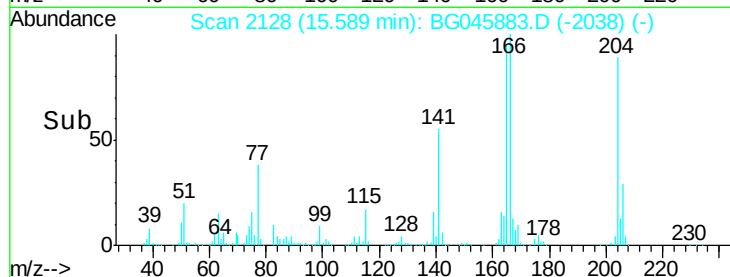
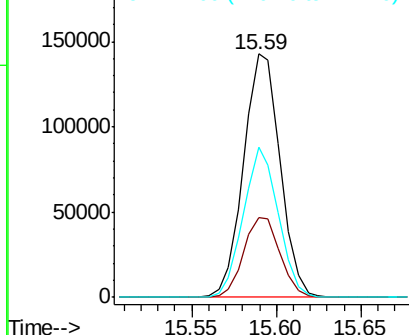
#61
4-Chlorophenyl-phenylether
Concen: 35.209 ng
RT: 15.59 min Scan# 2128
Delta R.T. -0.00 min
Lab File: BG045883.D
Acq: 30 Jun 2020 14:01

Instrument :
BNA_G
ClientSampleId :
PB129821BS

Tot Ion:204 Resp: 214459
Ion Ratio Lower Upper
204 100
206 32.9 26.3 39.5
141 61.7 47.1 70.7

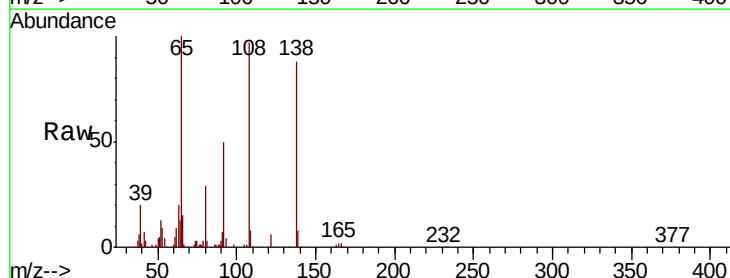


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

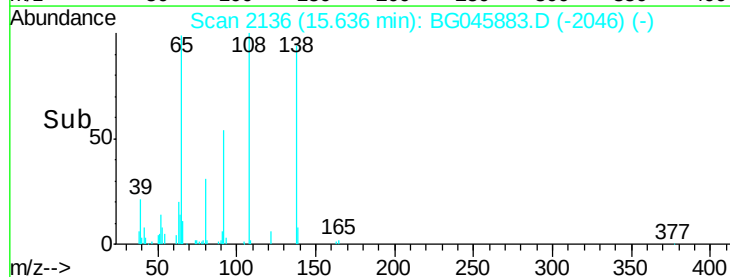
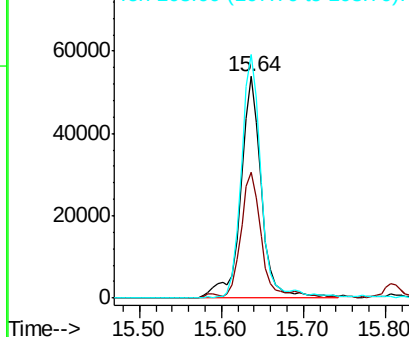


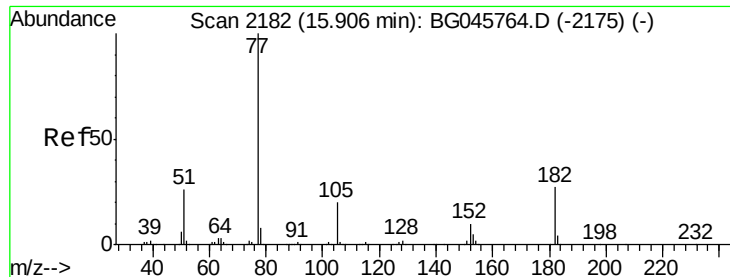
#62
4-Nitroaniline
Concen: 37.734 ng
RT: 15.64 min Scan# 2136
Delta R.T. -0.00 min
Lab File: BG045883.D
Acq: 30 Jun 2020 14:01

Tgt Ion:138 Resp: 94830
Ion Ratio Lower Upper
138 100
92 57.1 38.5 78.5
108 110.0 85.0 125.0



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





#63

Azobenzene

Concen: 38.053 ng

RT: 15.88 min Scan# 2178

Delta R.T. -0.00 min

Lab File: BG045883.D

Acq: 30 Jun 2020 14:01

Instrument :

BNA_G

ClientSampleId :

PB129821BS

Tot Ion: 77 Resp: 407695

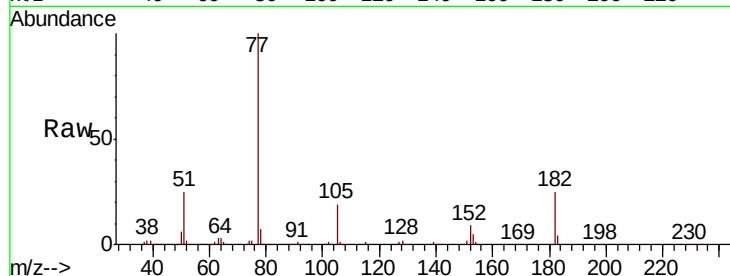
Ion Ratio Lower Upper

77 100

182 25.5 5.1 45.1

105 18.7 0.0 38.4

51 25.3 4.9 44.9

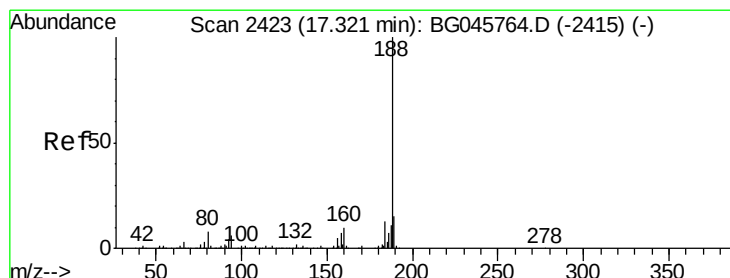
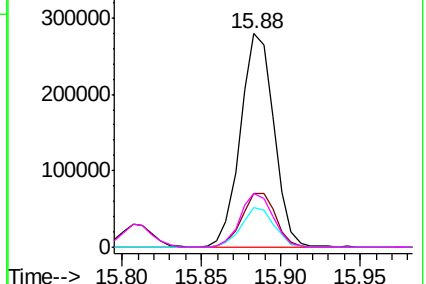
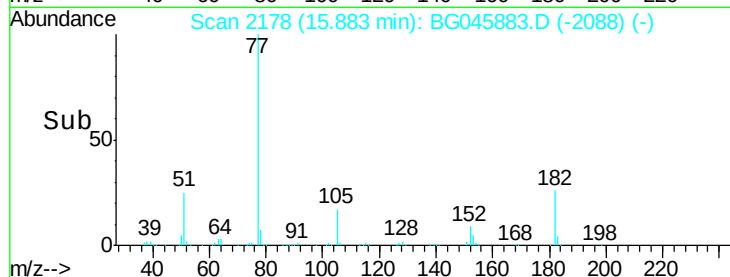


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.30 min Scan# 2419

Delta R.T. -0.00 min

Lab File: BG045883.D

Acq: 30 Jun 2020 14:01

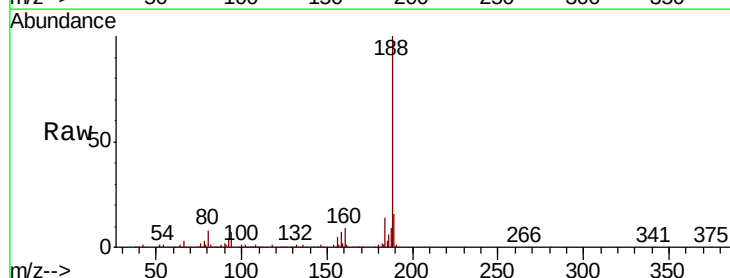
Tgt Ion: 188 Resp: 344978

Ion Ratio Lower Upper

188 100

94 7.1 5.7 8.5

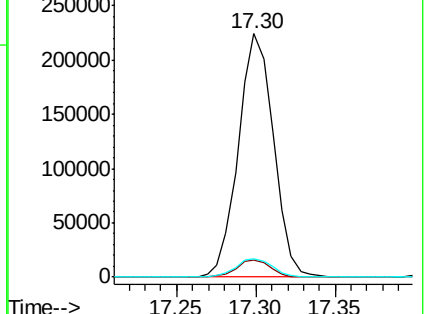
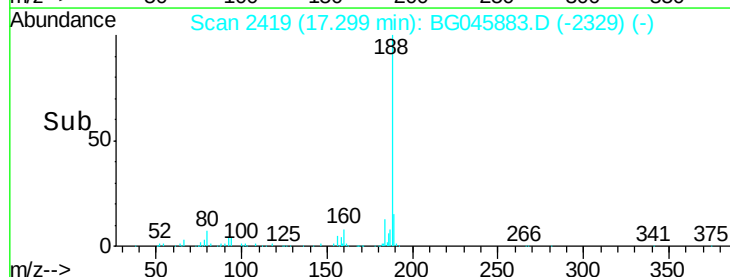
80 7.7 6.6 10.0

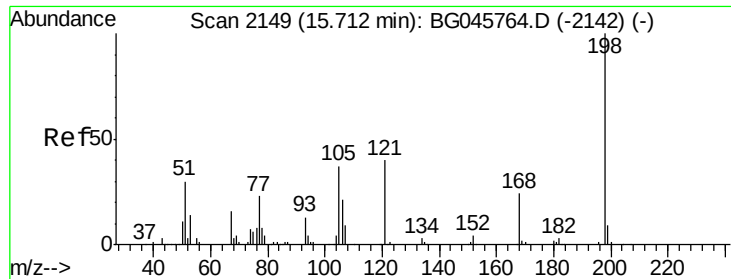


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 36.976 ng

RT: 15.70 min Scan# 2146

Delta R.T. -0.00 min

Lab File: BG045883.D

Acq: 30 Jun 2020 14:01

Instrument :

BNA_G

ClientSampleId :

PB129821BS

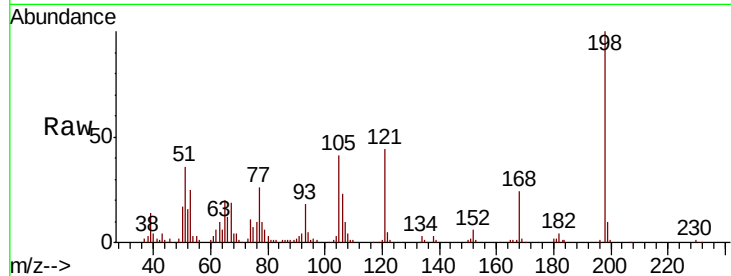
Tot Ion:198 Resp: 78831

Ion Ratio Lower Upper

198 100

51 36.2 18.0 58.0

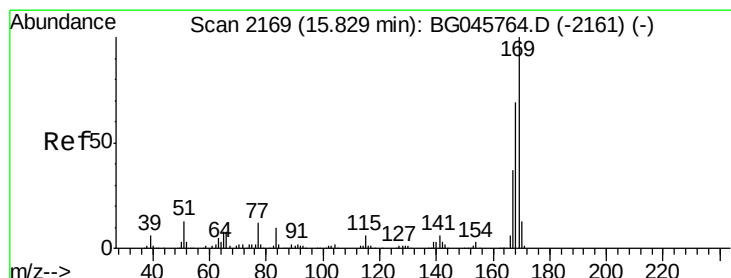
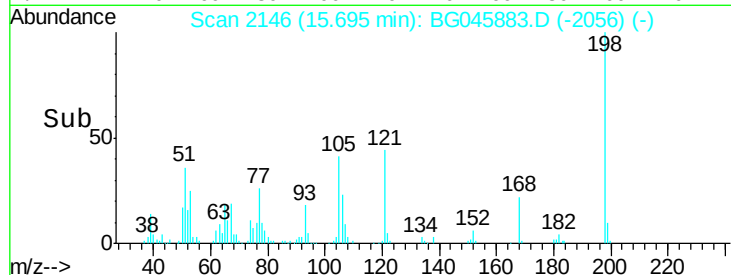
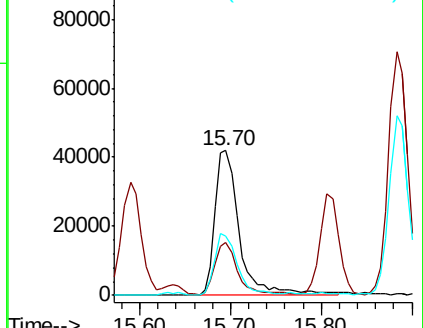
105 41.2 22.3 62.3



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 35.712 ng

RT: 15.81 min Scan# 2166

Delta R.T. -0.00 min

Lab File: BG045883.D

Acq: 30 Jun 2020 14:01

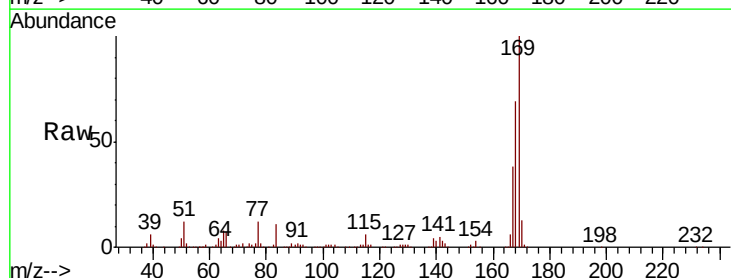
Tgt Ion:169 Resp: 348949

Ion Ratio Lower Upper

169 100

168 69.3 54.8 82.2

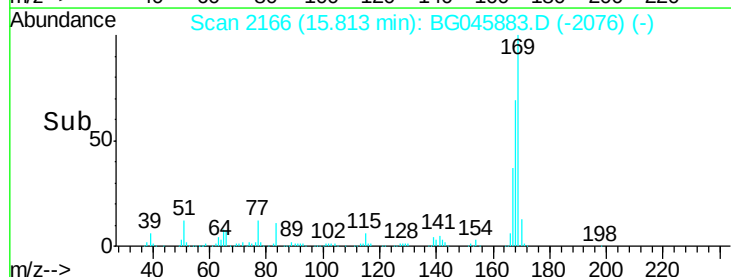
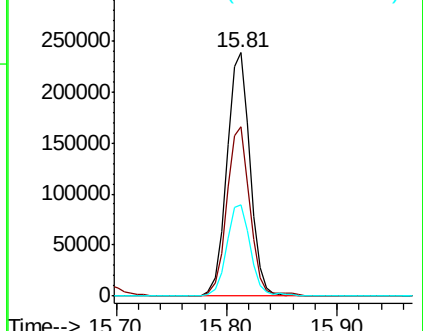
167 37.6 30.0 45.0

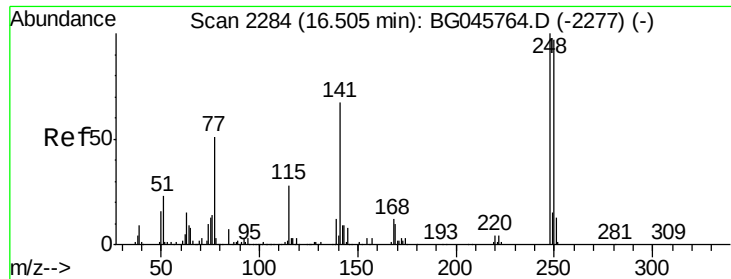


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

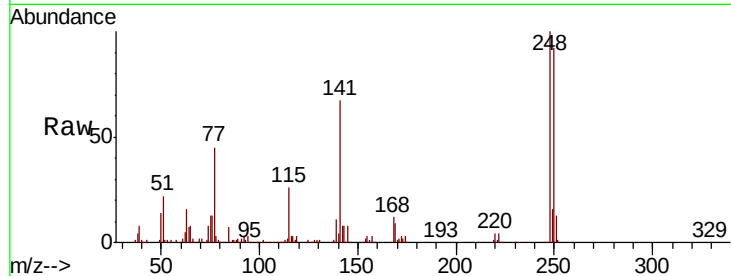




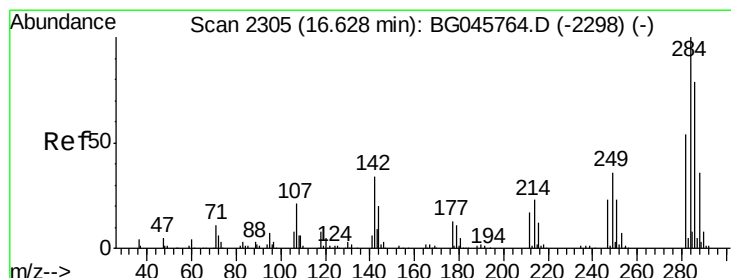
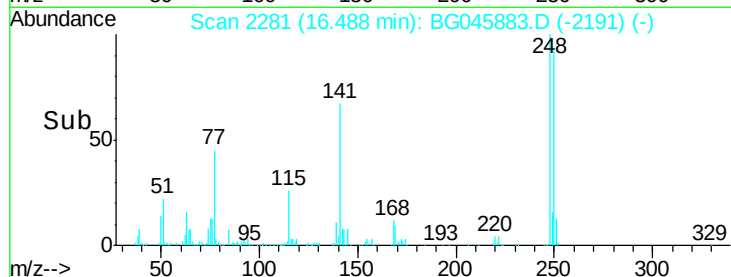
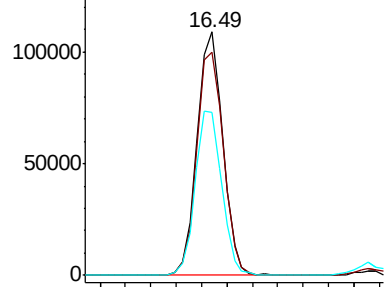
#67
 4-Bromophenyl-phenylether
 Concen: 34.080 ng
 RT: 16.49 min Scan# 2281
 Delta R.T. -0.00 min
 Lab File: BG045883.D
 Acq: 30 Jun 2020 14:01

Instrument :
 BNA_G
 ClientSampleId :
 PB129821BS

Tot Ion:248 Resp: 152766
 Ion Ratio Lower Upper
 248 100
 250 91.8 76.8 115.2
 141 67.2 52.6 79.0

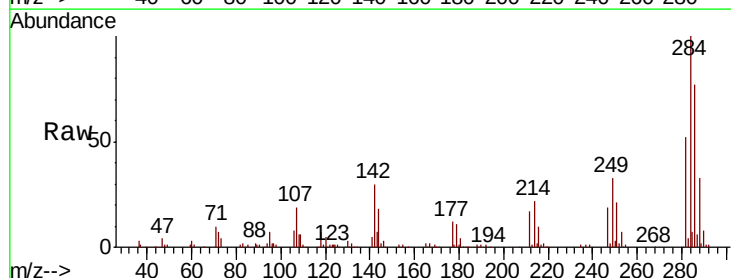


Abundance Ion 248.00 (247.70 to 248.70): E
 150000 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

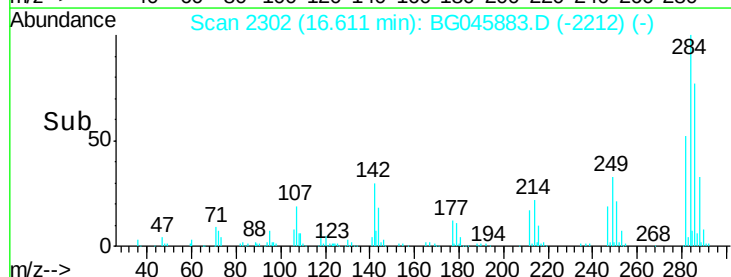
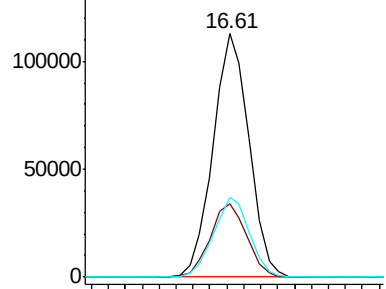


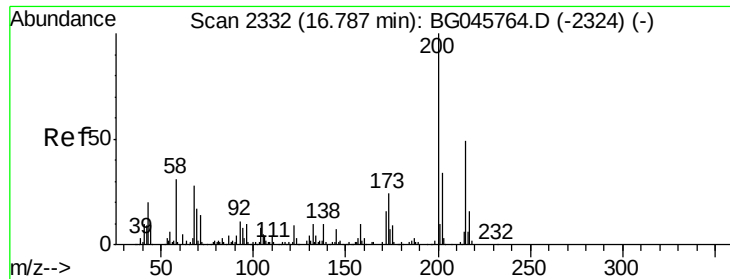
#68
 Hexachlorobenzene
 Concen: 35.815 ng
 RT: 16.61 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: BG045883.D
 Acq: 30 Jun 2020 14:01

Tgt Ion:284 Resp: 166475
 Ion Ratio Lower Upper
 284 100
 142 30.3 24.5 36.7
 249 32.8 25.1 37.7



Abundance Ion 283.80 (283.50 to 284.50): E
 150000 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 37.604 ng

RT: 16.76 min Scan# 2328

Delta R.T. -0.00 min

Lab File: BG045883.D

Acq: 30 Jun 2020 14:01

Instrument :

BNA_G

ClientSampleId :

PB129821BS

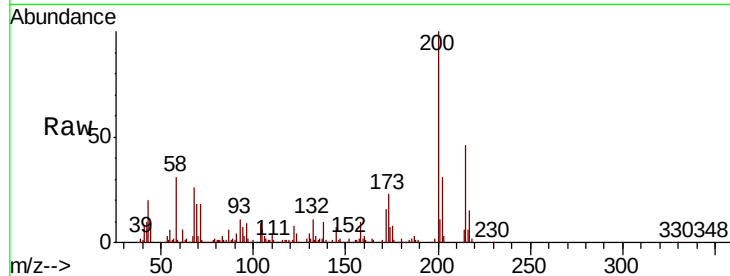
Tot Ion:200 Resp: 142580

Ion Ratio Lower Upper

200 100

173 22.5 6.7 46.7

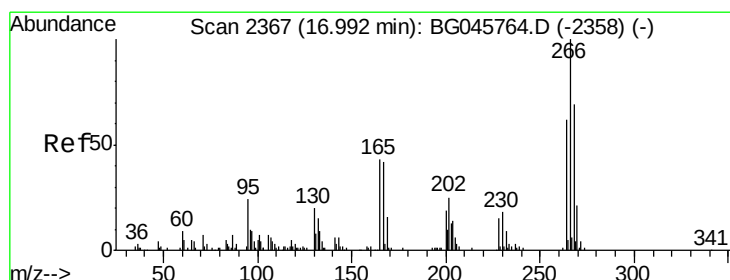
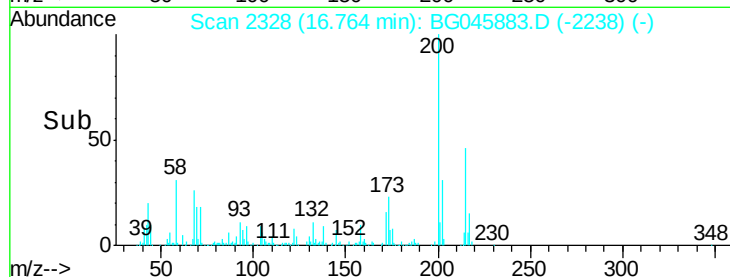
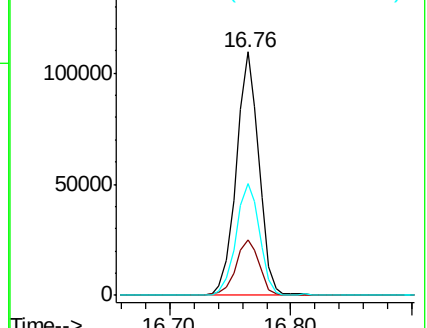
215 46.0 30.7 70.7



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: 40.655 ng

RT: 16.97 min Scan# 2363

Delta R.T. -0.00 min

Lab File: BG045883.D

Acq: 30 Jun 2020 14:01

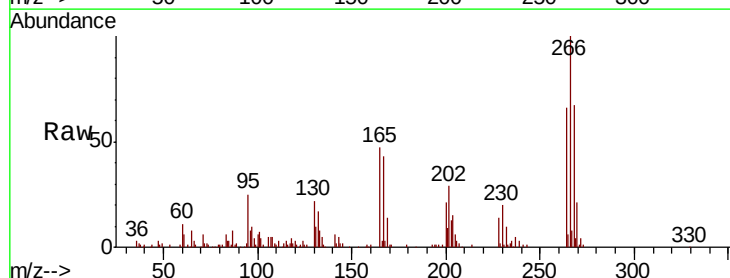
Tgt Ion:266 Resp: 83683

Ion Ratio Lower Upper

266 100

268 67.3 50.9 76.3

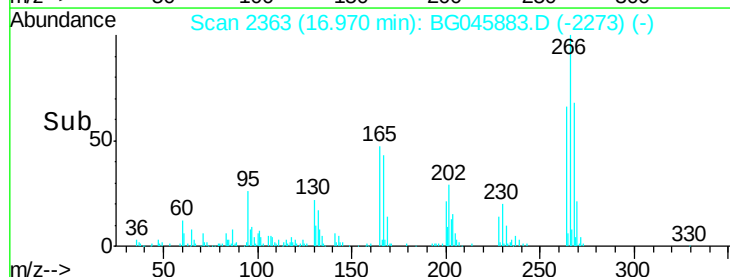
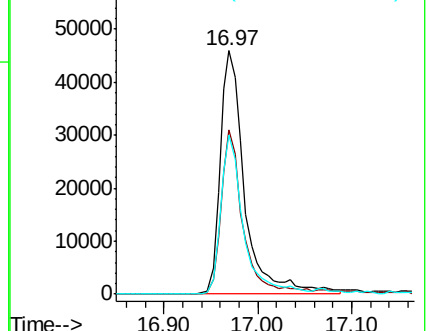
264 65.6 49.8 74.8

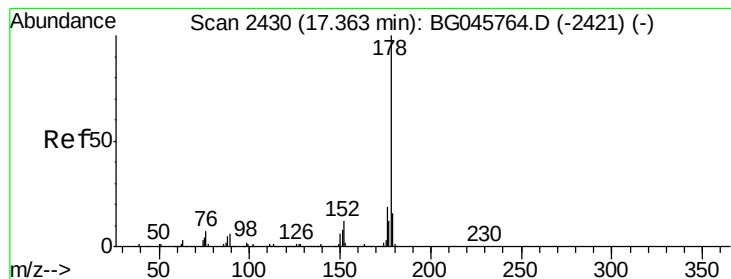


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 37.161 ng

RT: 17.34 min Scan# 2426

Delta R.T. -0.00 min

Lab File: BG045883.D

Acq: 30 Jun 2020 14:01

Instrument :

BNA_G

ClientSampleId :

PB129821BS

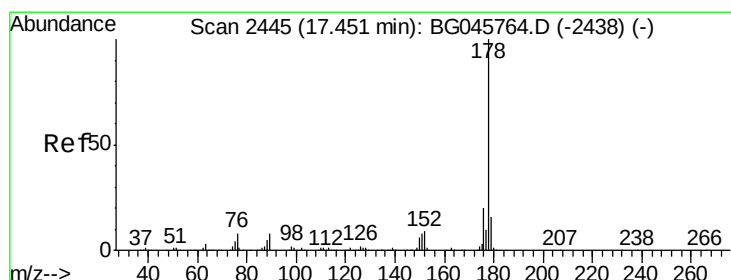
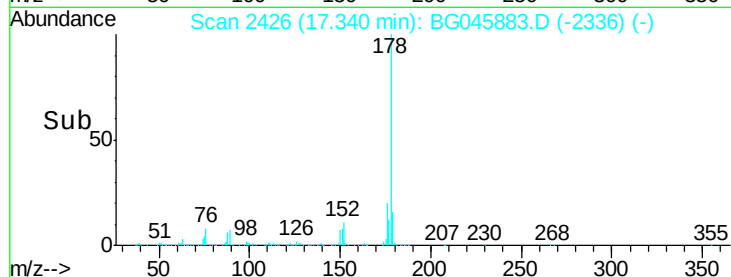
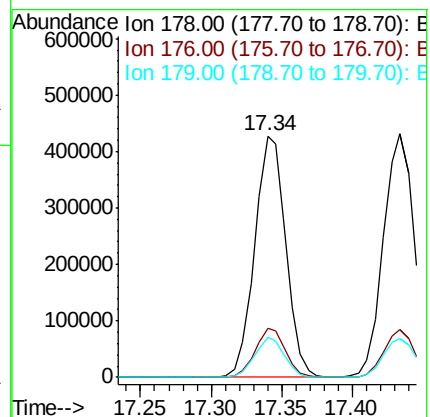
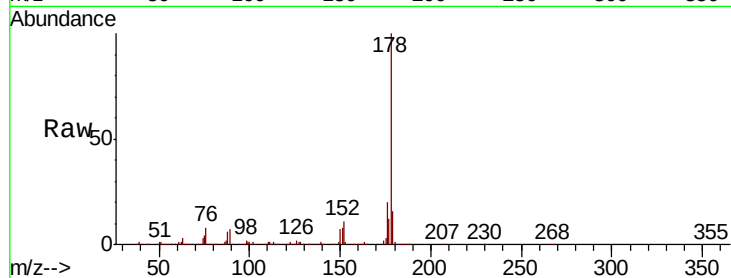
Tot Ion:178 Resp: 661174

Ion Ratio Lower Upper

178 100

176 20.4 15.8 23.8

179 16.4 13.2 19.8



#72

Anthracene

Concen: 37.673 ng

RT: 17.43 min Scan# 2442

Delta R.T. -0.00 min

Lab File: BG045883.D

Acq: 30 Jun 2020 14:01

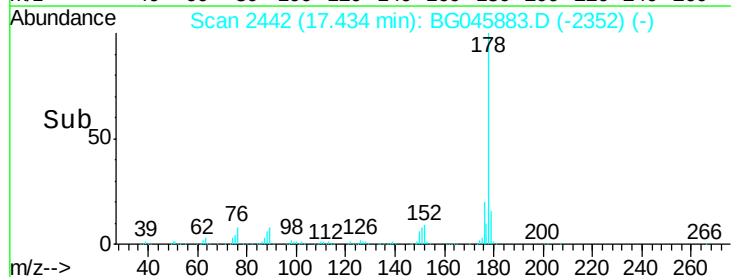
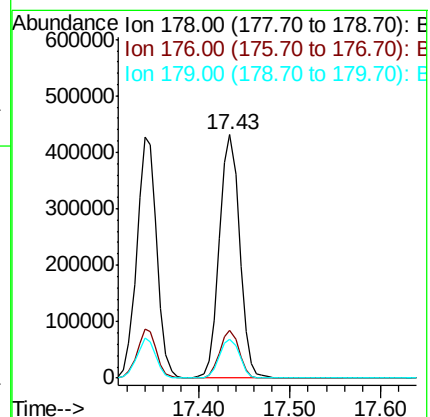
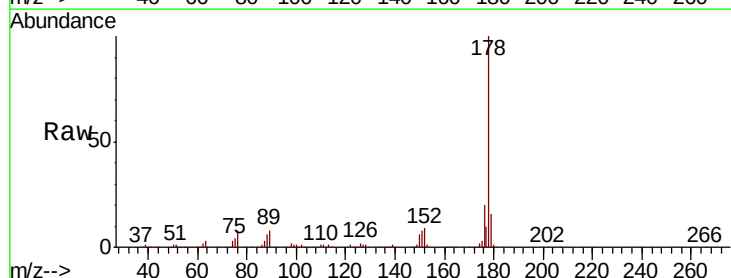
Tgt Ion:178 Resp: 667466

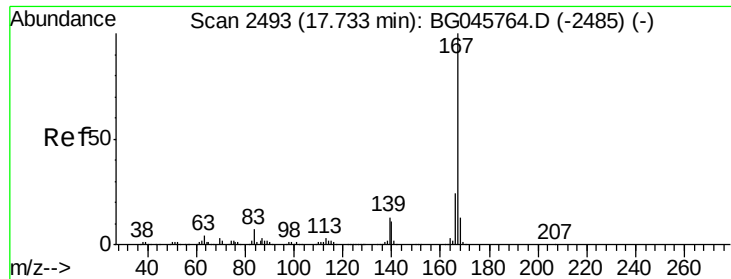
Ion Ratio Lower Upper

178 100

176 19.8 15.7 23.5

179 16.1 12.8 19.2





#73

Carbazole

Concen: 36.847 ng

RT: 17.71 min Scan# 2489

Delta R.T. -0.00 min

Lab File: BG045883.D

Acq: 30 Jun 2020 14:01

Instrument :

BNA_G

ClientSampleId :

PB129821BS

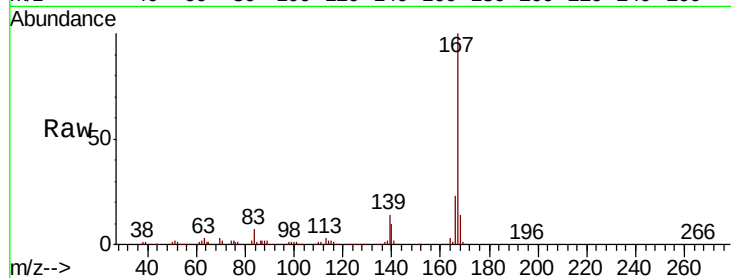
Tot Ion:167 Resp: 621596

Ion Ratio Lower Upper

167 100

166 22.7 18.8 28.2

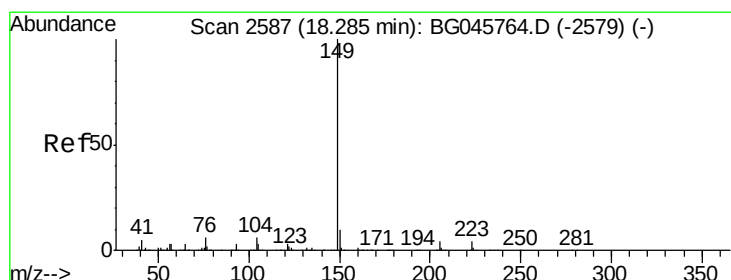
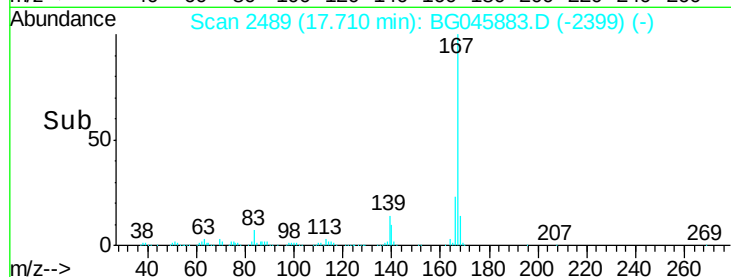
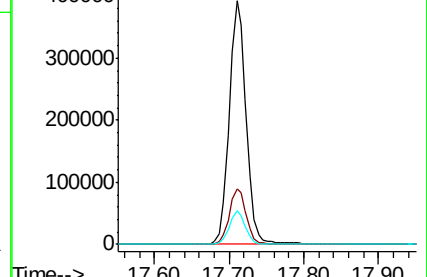
139 13.6 10.4 15.6



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: 39.205 ng

RT: 18.27 min Scan# 2584

Delta R.T. -0.00 min

Lab File: BG045883.D

Acq: 30 Jun 2020 14:01

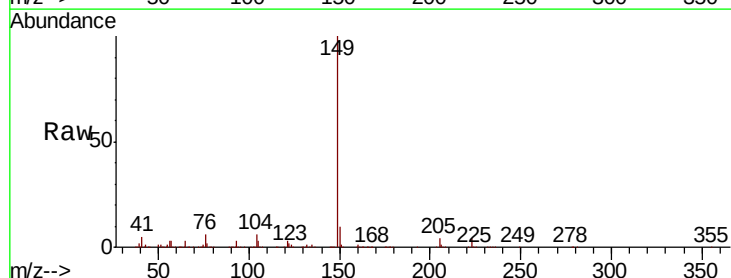
Tgt Ion:149 Resp: 783094

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.6

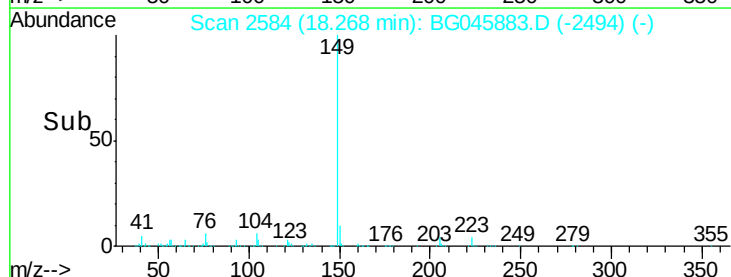
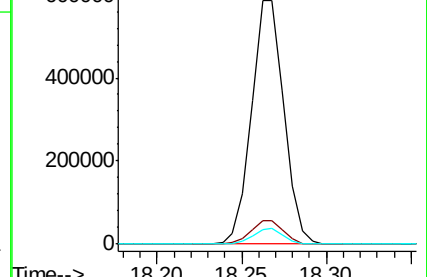
104 6.2 4.9 7.3

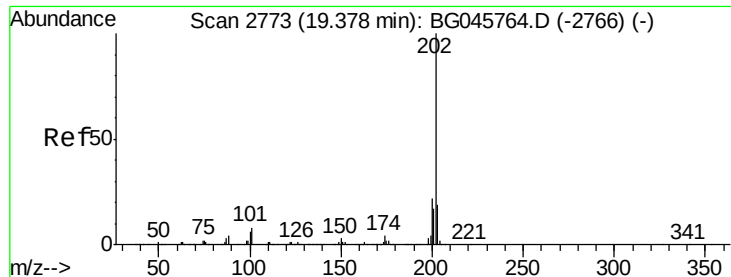


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 39.203 ng

RT: 19.35 min Scan# 2769

Delta R.T. -0.01 min

Lab File: BG045883.D

Acq: 30 Jun 2020 14:01

Instrument :

BNA_G

ClientSampleId :

PB129821BS

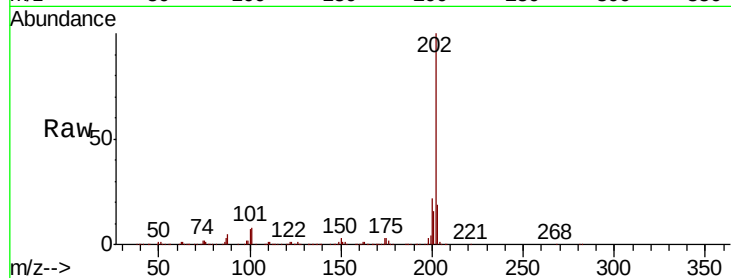
Tot Ion:202 Resp: 857684

Ion Ratio Lower Upper

202 100

101 8.3 0.0 28.0

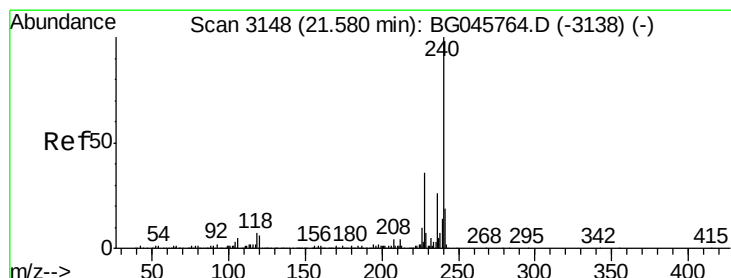
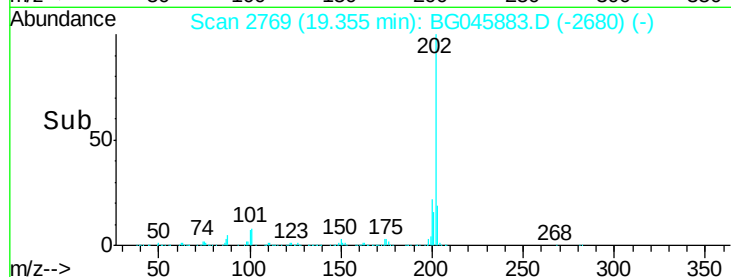
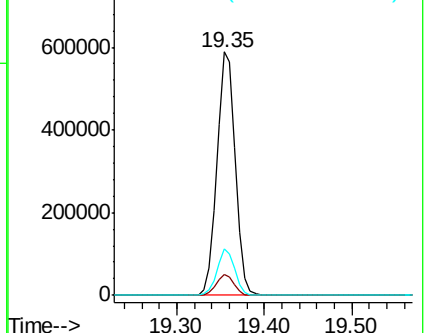
203 19.1 0.0 38.5



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: 21.56 min Scan# 3144

Delta R.T. -0.00 min

Lab File: BG045883.D

Acq: 30 Jun 2020 14:01

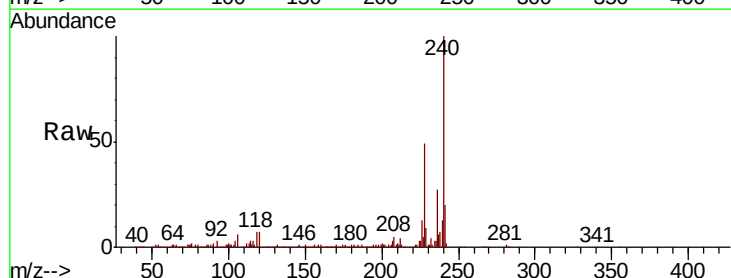
Tgt Ion:240 Resp: 336034

Ion Ratio Lower Upper

240 100

120 6.7 5.6 8.4

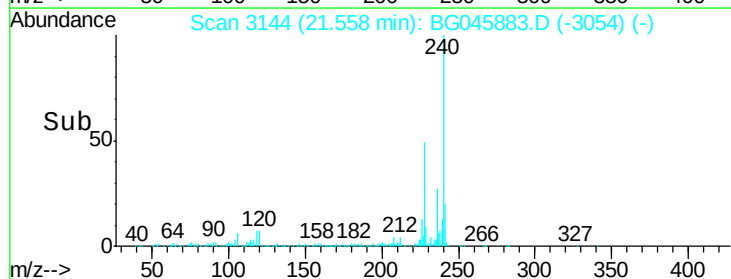
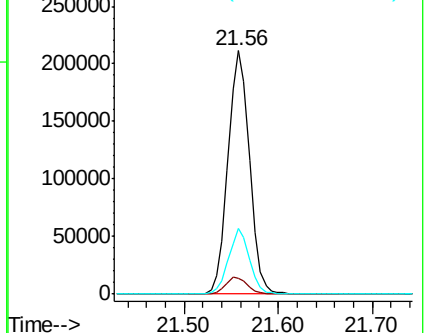
236 26.7 21.3 31.9

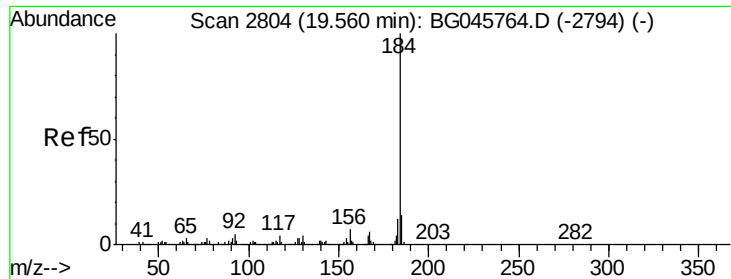


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 52.494 ng

RT: 19.54 min Scan# 2800

Delta R.T. -0.01 min

Lab File: BG045883.D

Acq: 30 Jun 2020 14:01

Instrument :

BNA_G

ClientSampleId :

PB129821BS

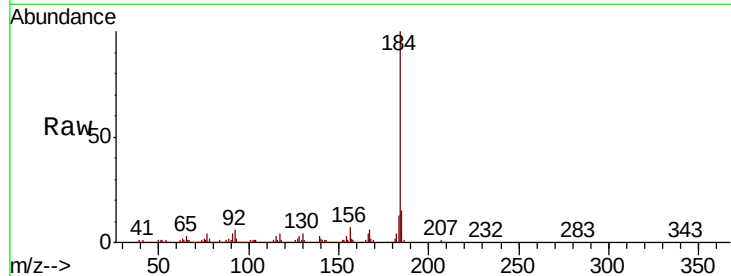
Tot Ion:184 Resp: 458578

Ion Ratio Lower Upper

184 100

185 14.9 10.6 15.8

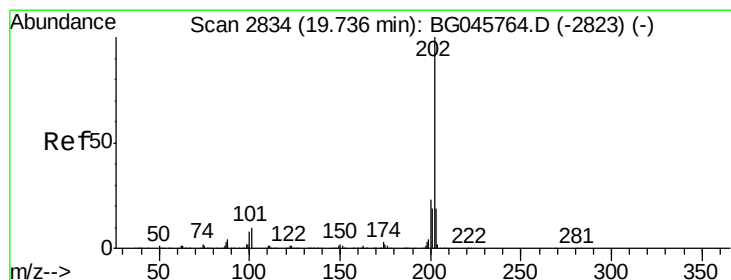
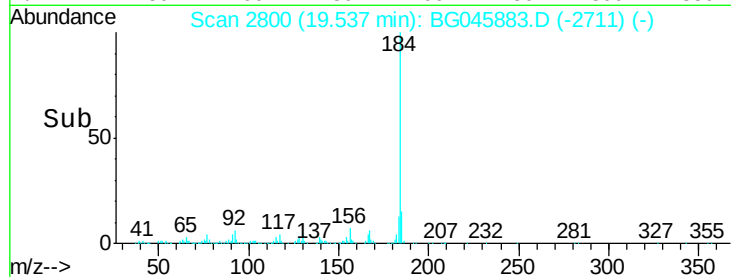
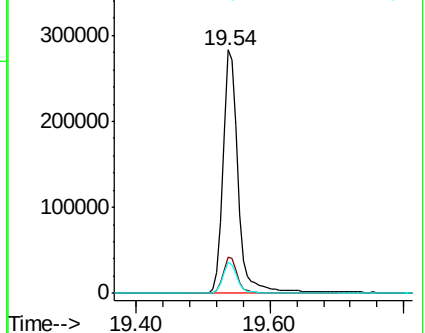
183 12.9 10.1 15.1



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 37.545 ng

RT: 19.72 min Scan# 2831

Delta R.T. -0.00 min

Lab File: BG045883.D

Acq: 30 Jun 2020 14:01

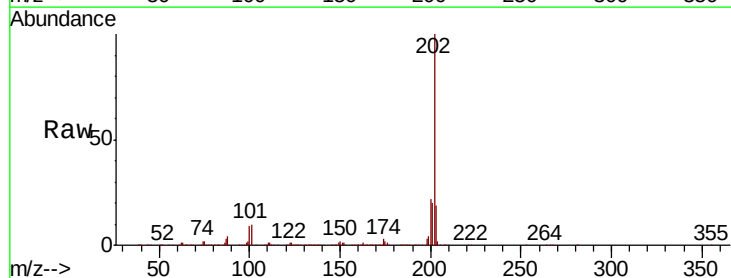
Tgt Ion:202 Resp: 844851

Ion Ratio Lower Upper

202 100

200 22.3 18.0 27.0

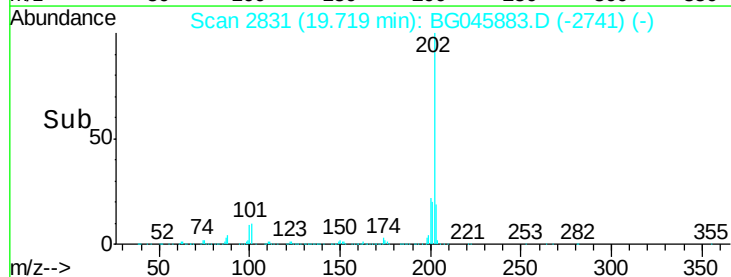
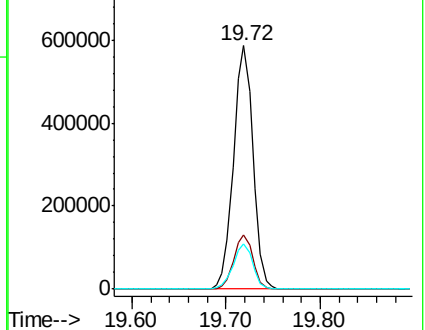
203 18.6 14.8 22.2

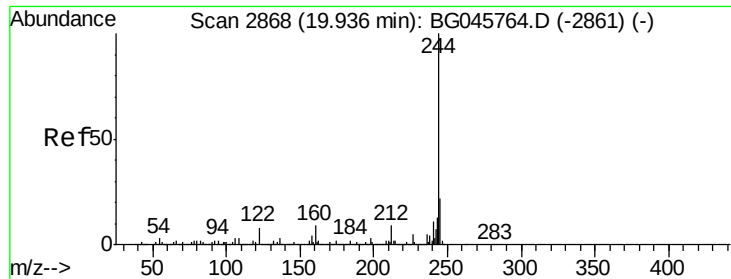


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 78.042 ng

RT: 19.92 min Scan# 2865

Delta R.T. -0.00 min

Lab File: BG045883.D

Acq: 30 Jun 2020 14:01

Instrument :

BNA_G

ClientSampleId :

PB129821BS

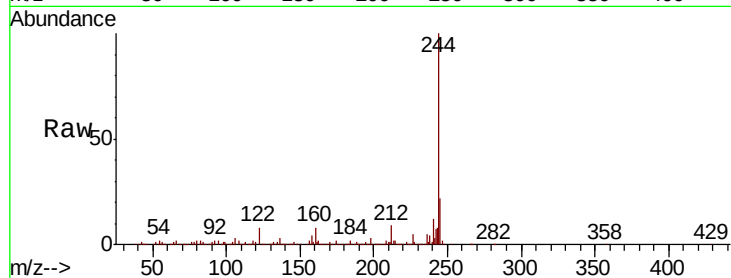
Tot Ion:244 Resp: 1294034

Ion Ratio Lower Upper

244 100

212 9.0 7.2 10.8

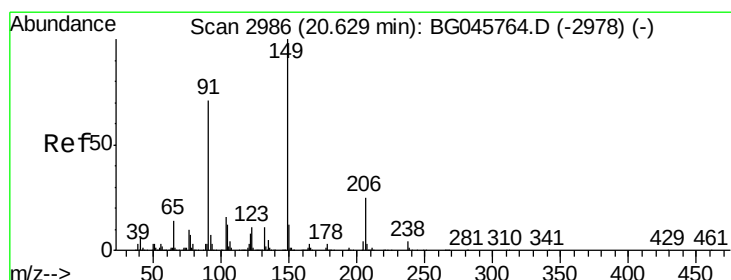
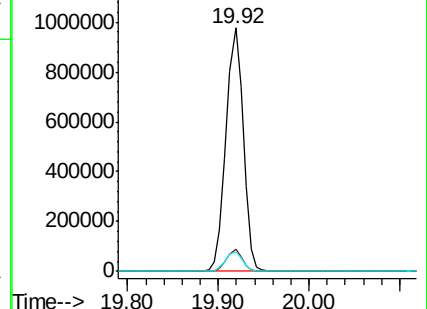
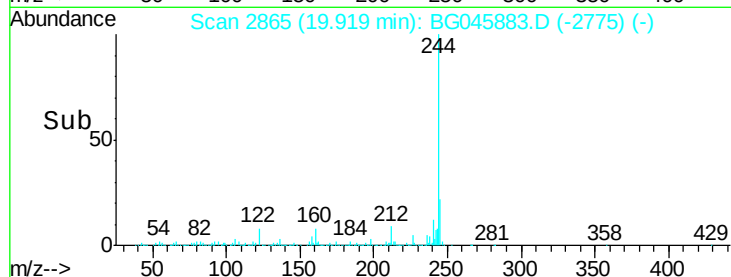
122 8.2 6.9 10.3



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 37.057 ng

RT: 20.61 min Scan# 2982

Delta R.T. -0.01 min

Lab File: BG045883.D

Acq: 30 Jun 2020 14:01

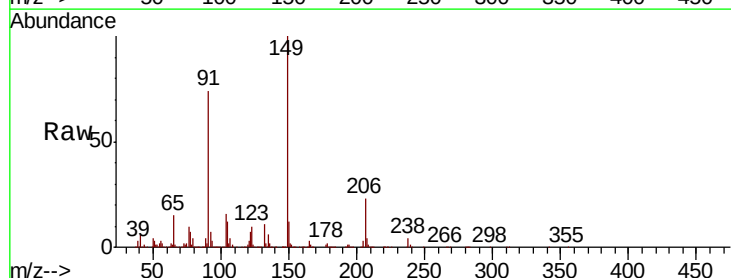
Tgt Ion:149 Resp: 349027

Ion Ratio Lower Upper

149 100

91 74.1 57.0 85.4

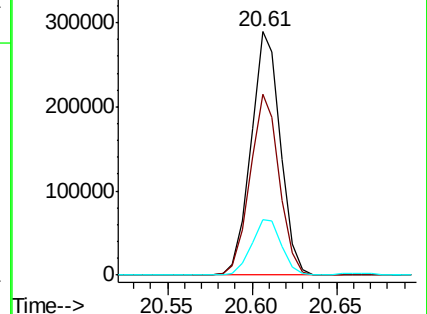
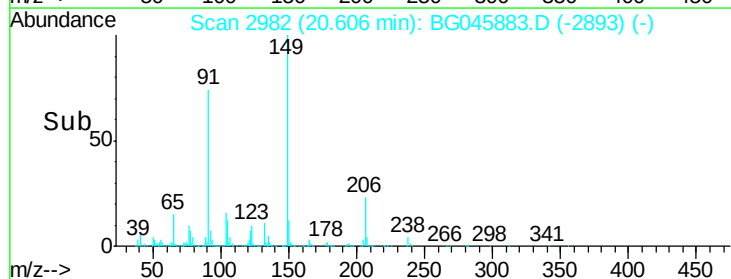
206 22.9 20.0 30.0

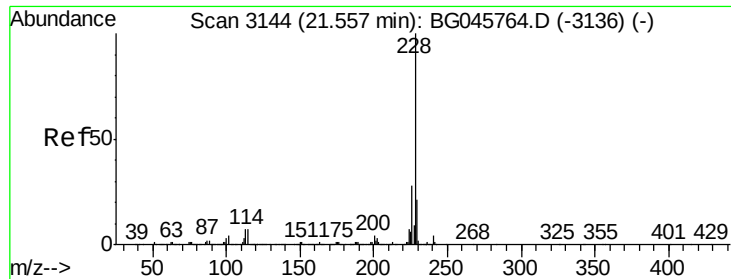


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 36.509 ng

RT: 21.54 min Scan# 3141

Delta R.T. -0.00 min

Lab File: BG045883.D

Acq: 30 Jun 2020 14:01

Instrument :

BNA_G

ClientSampleId :

PB129821BS

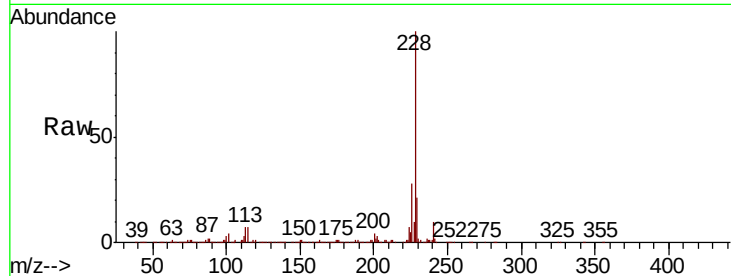
Tot Ion:228 Resp: 795407

Ion Ratio Lower Upper

228 100

226 27.8 23.2 34.8

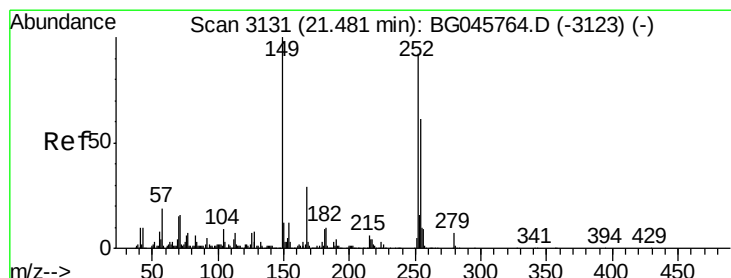
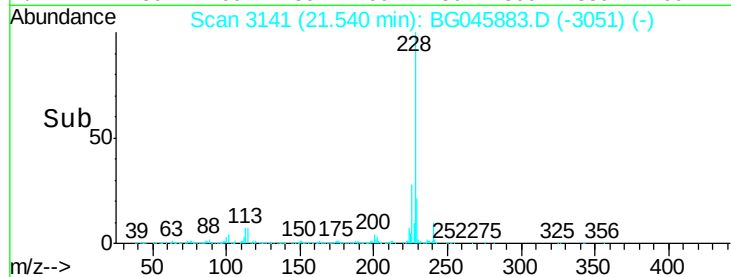
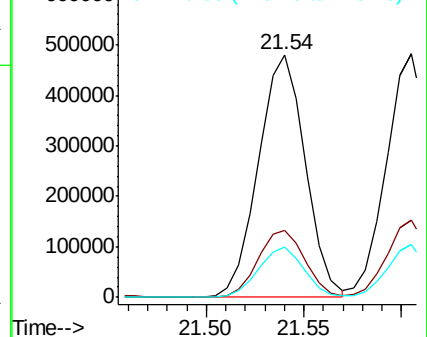
229 20.7 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 27.951 ng

RT: 21.46 min Scan# 3127

Delta R.T. -0.00 min

Lab File: BG045883.D

Acq: 30 Jun 2020 14:01

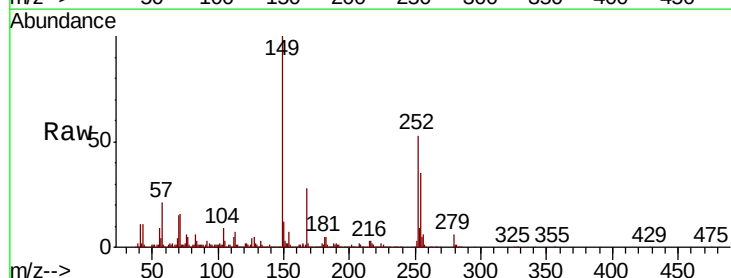
Tgt Ion:252 Resp: 230342

Ion Ratio Lower Upper

252 100

254 65.7 54.1 81.1

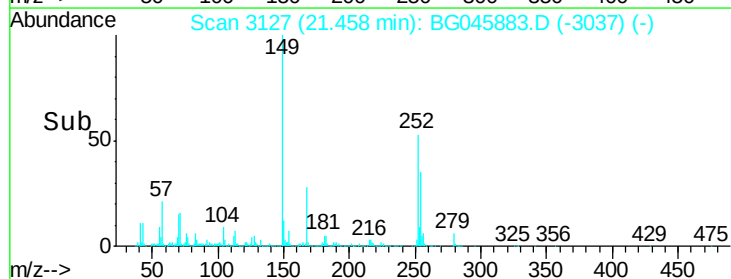
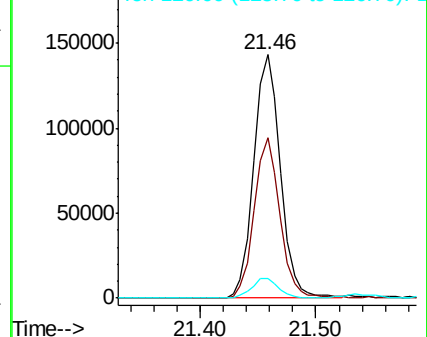
126 8.1 6.6 9.8

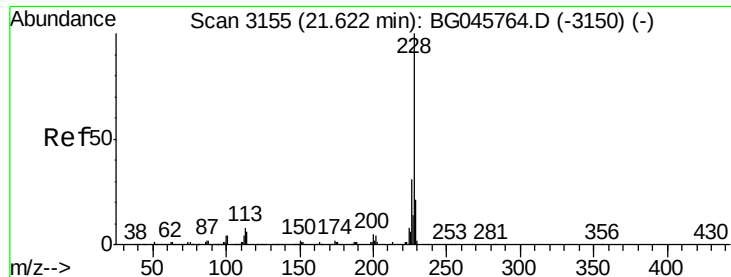


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 36.329 ng

RT: 21.60 min Scan# 3152

Delta R.T. -0.00 min

Lab File: BG045883.D

Acq: 30 Jun 2020 14:01

Instrument :

BNA_G

ClientSampleId :

PB129821BS

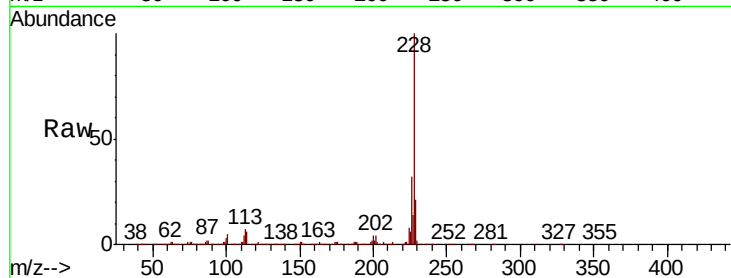
Tot Ion:228 Resp: 765538

Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.4	38.0
229	21.5	16.3	24.5

228 100

226 31.6 25.4 38.0

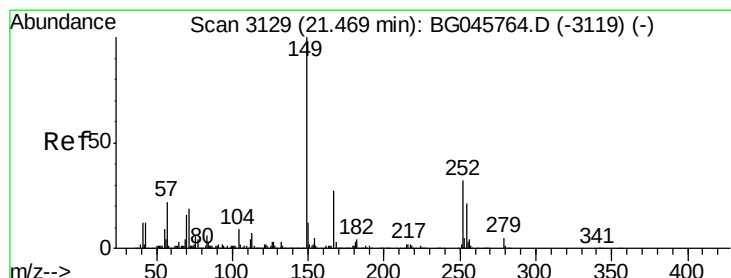
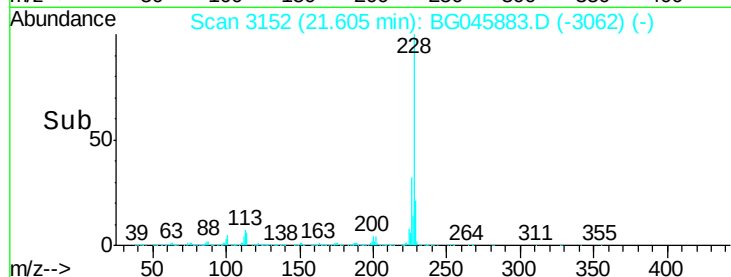
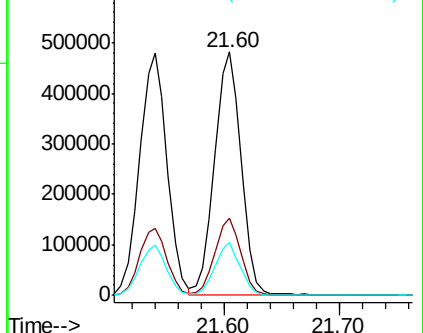
229 21.5 16.3 24.5



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: 36.785 ng

RT: 21.45 min Scan# 3126

Delta R.T. -0.00 min

Lab File: BG045883.D

Acq: 30 Jun 2020 14:01

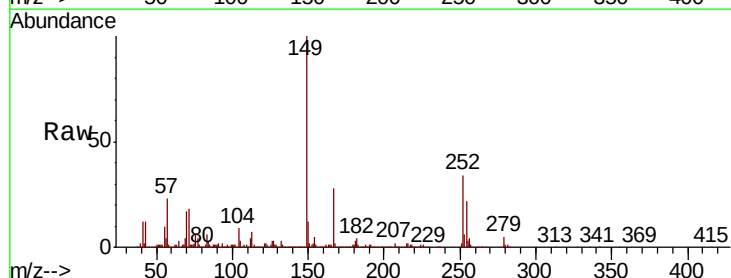
Tgt Ion:149 Resp: 481925

Ion	Ratio	Lower	Upper
149	100		
167	27.9	21.7	32.5
279	5.2	4.2	6.2

149 100

167 27.9 21.7 32.5

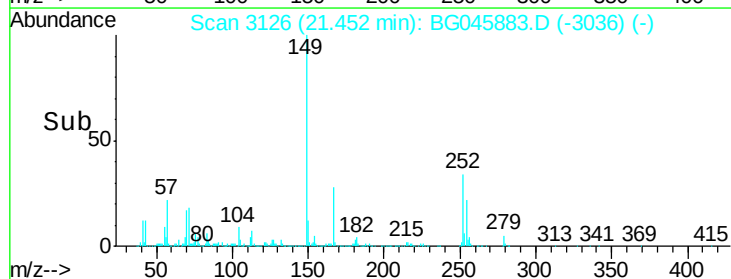
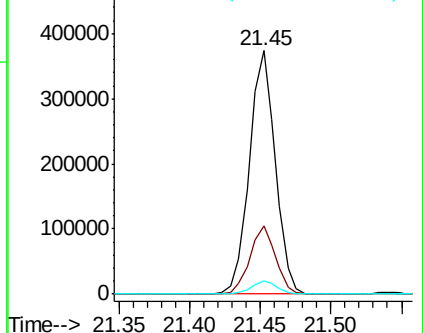
279 5.2 4.2 6.2

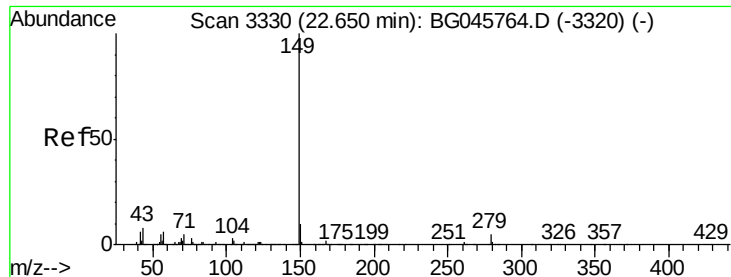


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 36.204 ng

RT: 22.63 min Scan# 3326

Delta R.T. -0.00 min

Lab File: BG045883.D

Acq: 30 Jun 2020 14:01

Instrument :

BNA_G

ClientSampleId :

PB129821BS

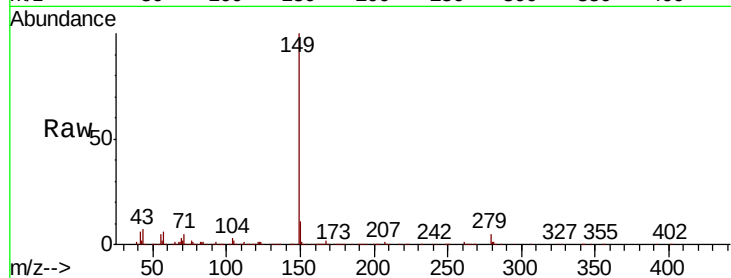
Tot Ion:149 Resp: 818167

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

43 7.5 6.2 9.4



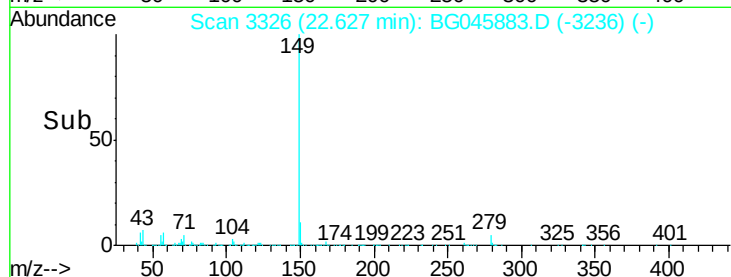
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

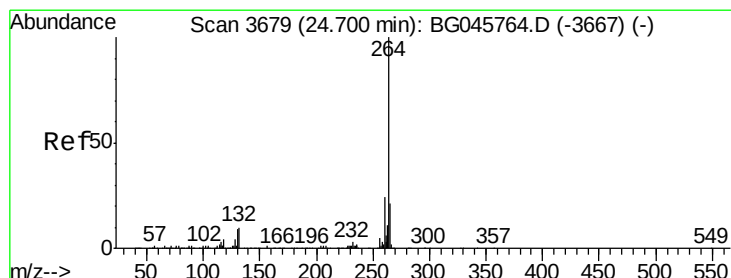
Ion 43.00 (42.70 to 43.70): B

22.63

22.60 22.70



Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.67 min Scan# 3674

Delta R.T. -0.00 min

Lab File: BG045883.D

Acq: 30 Jun 2020 14:01

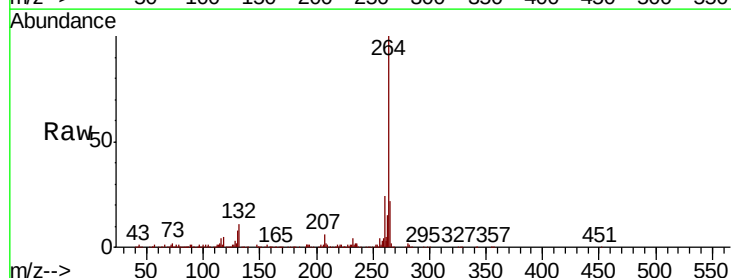
Tgt Ion:264 Resp: 352390

Ion Ratio Lower Upper

264 100

260 24.2 19.5 29.3

265 22.0 17.4 26.0



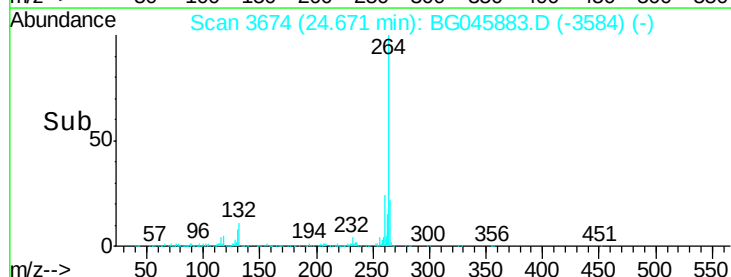
Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

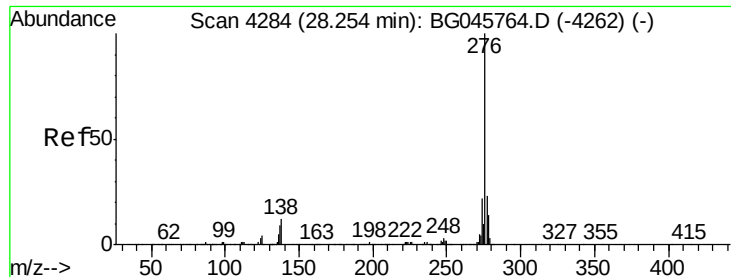
Ion 265.00 (264.70 to 265.70): E

24.67

24.50 24.80



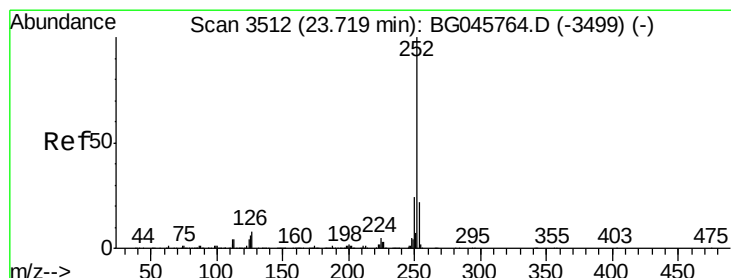
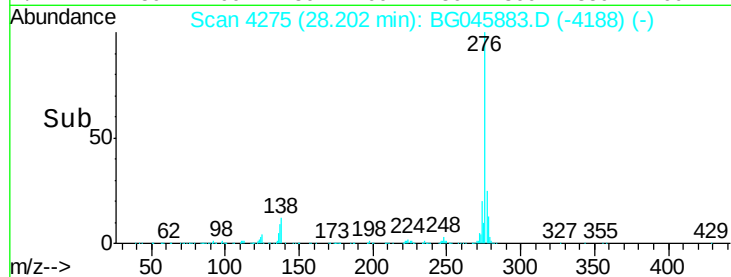
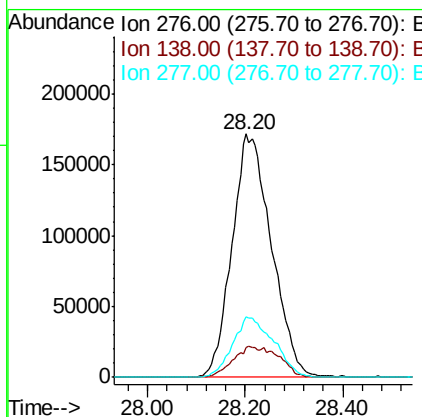
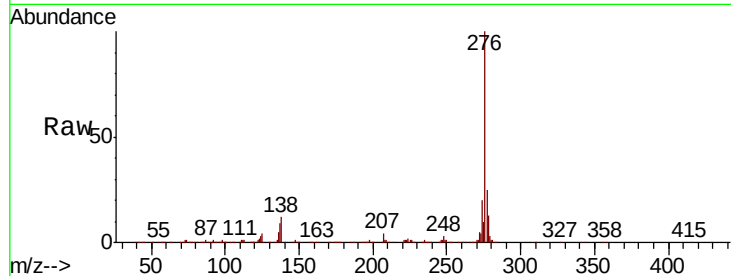
Time-->



#87
 Indeno(1,2,3-cd)pyrene
 Concen: 37.703 ng
 RT: 28.20 min Scan# 4275
 Delta R.T. -0.02 min
 Lab File: BG045883.D
 Acq: 30 Jun 2020 14:01

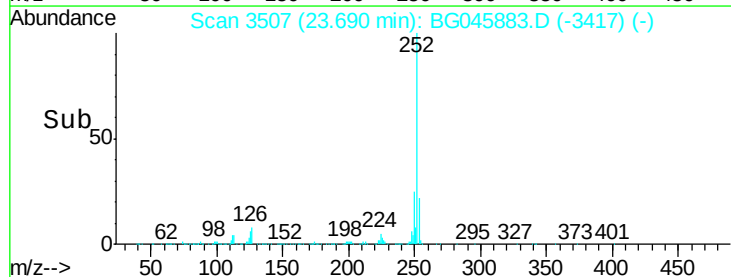
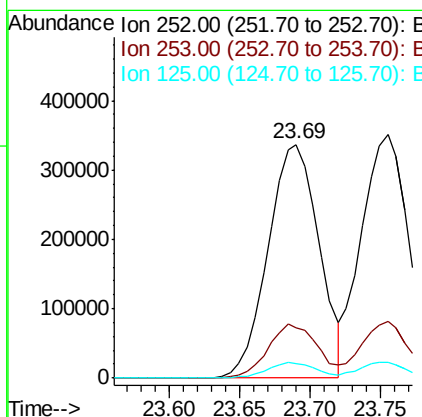
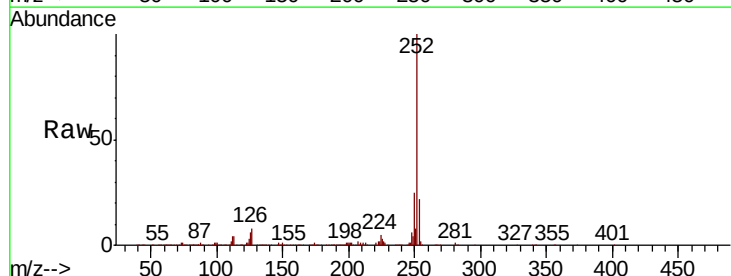
Instrument :
 BNA_G
 ClientSampleId :
 PB129821BS

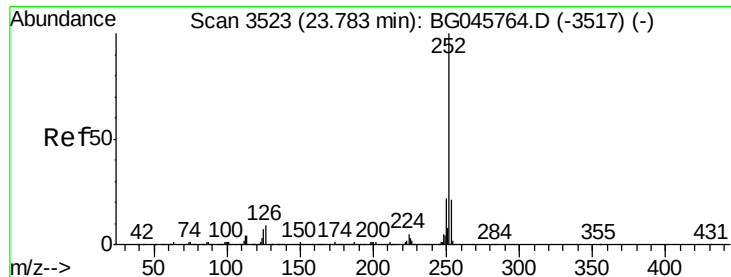
Tot Ion	Ratio	Lower	Upper
276	100		
138	14.9	11.8	17.6
277	25.9	20.5	30.7



#88
 Benzo(b)fluoranthene
 Concen: 38.397 ng
 RT: 23.69 min Scan# 3507
 Delta R.T. -0.00 min
 Lab File: BG045883.D
 Acq: 30 Jun 2020 14:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.5	27.7
125	6.0	5.4	8.0





#89

Benzo(k)fluoranthene

Concen: 39.059 ng

RT: 23.75 min Scan# 3518

Delta R.T. -0.00 min

Lab File: BG045883.D

Acq: 30 Jun 2020 14:01

Instrument :

BNA_G

ClientSampleId :

PB129821BS

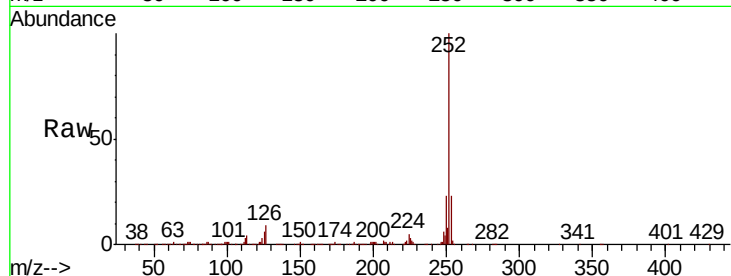
Tot Ion:252 Resp: 825945

Ion Ratio Lower Upper

252 100

253 23.2 18.8 28.2

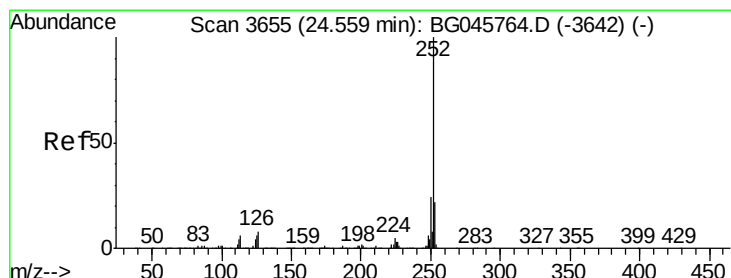
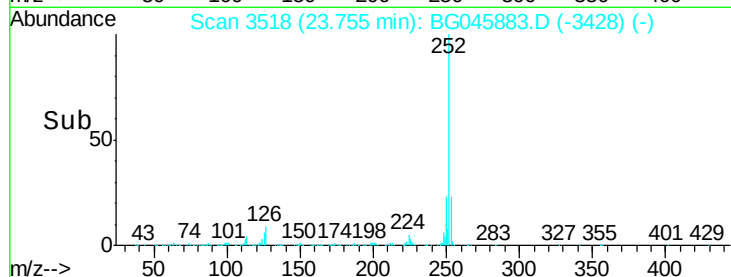
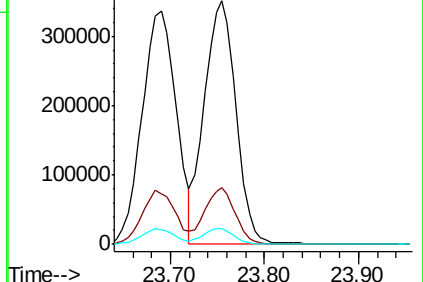
125 6.5 5.2 7.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 37.375 ng

RT: 24.52 min Scan# 3649

Delta R.T. -0.01 min

Lab File: BG045883.D

Acq: 30 Jun 2020 14:01

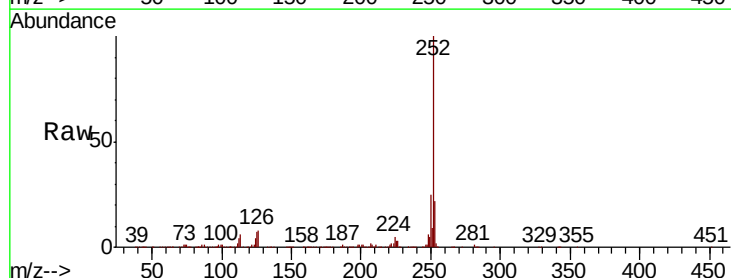
Tgt Ion:252 Resp: 771395

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

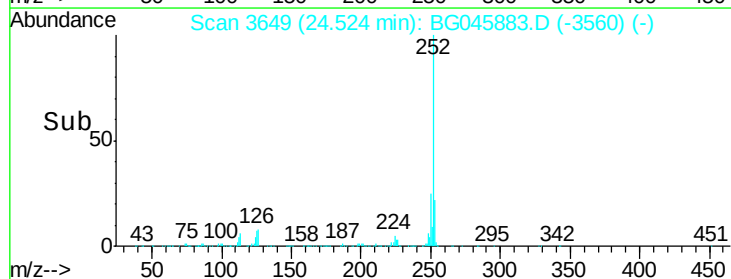
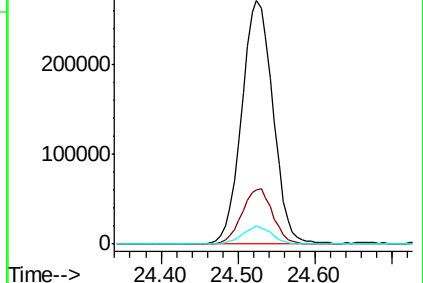
125 7.3 5.9 8.9

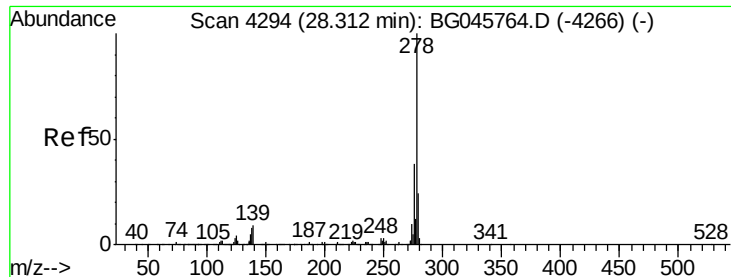


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

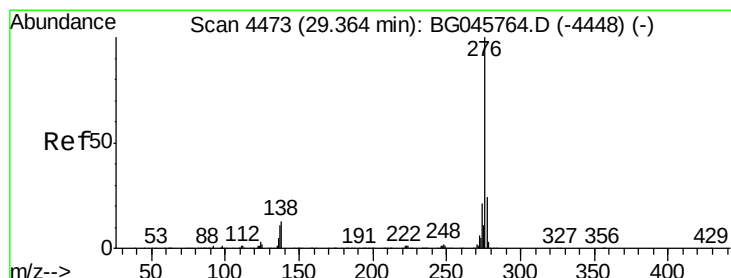
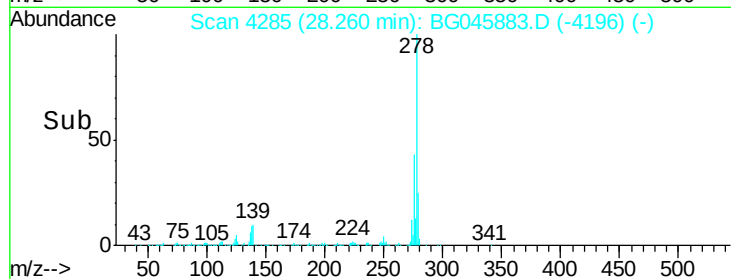
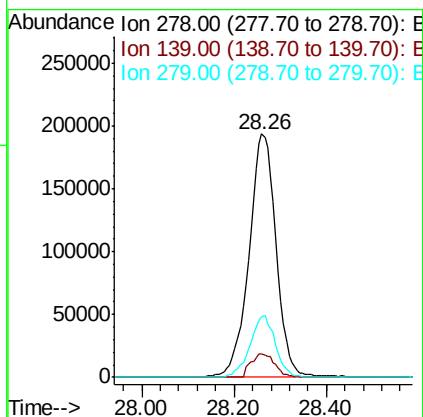
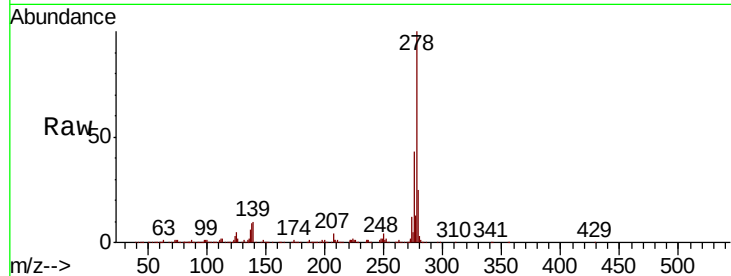




#91
Dibenzo(a,h)anthracene
Concen: 38.577 ng
RT: 28.26 min Scan# 4285
Delta R.T. -0.01 min
Lab File: BG045883.D
Acq: 30 Jun 2020 14:01

Instrument :
BNA_G
ClientSampleId :
PB129821BS

Tot Ion:278 Resp: 790299
Ion Ratio Lower Upper
278 100
139 9.6 7.7 11.5
279 25.1 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 38.292 ng
RT: 29.31 min Scan# 4464
Delta R.T. -0.01 min
Lab File: BG045883.D
Acq: 30 Jun 2020 14:01

Tgt Ion:276 Resp: 785167
Ion Ratio Lower Upper
276 100
277 23.6 19.0 28.4
138 12.6 9.4 14.2

